

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/24/2025

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	44.52	42.01	44.94	42.64	45.03	51.25	93.36	96.19	56.23	44.73	51.55	47.15	39.44	42.36	46.79	62.59	68.14	124.06	68.07	53.75	46.32	41.13	44.32	46.51
24138	2.40	2.13	2.07	1.92	1.90	2.33	4.29	4.81	2.87	2.50	3.02	2.96	2.54	2.83	3.00	3.74	3.89	7.52	4.14	3.37	2.76	2.26	2.36	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	0.00	0.00	0.05	0.00	0.00	-0.34	-4.11	-6.48	-9.08
74TH STREET_GT_1	44.55	42.05	44.98	42.69	45.09	51.30	93.49	96.30	56.30	44.76	51.59	47.16	39.44	42.36	46.87	62.56	68.14	125.11	68.14	53.81	46.38	41.17	44.36	46.54
24260	2.44	2.16	2.12	1.97	1.96	2.38	4.43	4.93	2.94	2.52	3.05	2.97	2.55	2.82	2.99	3.71	3.89	7.57	4.21	3.43	2.83	2.31	2.40	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	0.00	0.00	-0.95	0.00	0.00	-0.34	-4.11	-6.48	-9.08
74TH STREET_GT_2	44.55	42.05	44.98	42.69	45.09	51.30	93.49	96.30	56.30	44.76	51.59	47.16	39.44	42.36	46.87	62.56	68.14	125.11	68.14	53.81	46.38	41.17	44.36	46.54
24261	2.44	2.16	2.12	1.97	1.96	2.38	4.43	4.93	2.94	2.52	3.05	2.97	2.55	2.82	2.99	3.71	3.89	7.57	4.21	3.43	2.83	2.31	2.40	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.98	0.00	0.00	-0.95	0.00	0.00	-0.34	-4.11	-6.48	-9.08
ADK HUDSON___FALLS	45.26	42.80	45.94	43.59	46.23	52.69	96.55	98.50	57.47	45.00	51.33	47.22	39.30	41.84	44.91	63.18	69.25	125.02	68.13	53.26	46.99	42.67	46.42	49.60
24011	3.14	2.92	3.07	2.87	3.10	3.78	7.48	7.13	4.11	2.77	2.80	3.03	2.41	2.30	3.00	4.33	5.00	8.43	4.20	2.88	3.35	2.73	2.76	2.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-5.18	-8.18	-11.46
ADK RESOURCE___RCVRY	45.56	43.04	46.19	43.82	46.49	53.12	97.54	99.29	57.96	45.26	51.47	47.51	39.60	42.09	45.23	63.54	69.84	126.11	68.79	53.68	47.30	42.88	46.65	49.89
23798	3.44	3.16	3.33	3.10	3.36	4.20	8.47	7.92	4.60	3.03	2.94	3.32	2.71	2.56	3.32	4.70	5.60	9.53	4.86	3.31	3.66	2.94	2.98	3.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-5.19	-8.19	-11.47
ADK S GLENS___FALLS	45.26	42.80	45.94	43.59	46.23	52.69	96.55	98.50	57.47	45.00	51.33	47.22	39.30	41.84	44.91	63.18	69.25	125.02	68.13	53.26	46.99	42.67	46.42	49.60
24028	3.14	2.92	3.07	2.87	3.10	3.78	7.48	7.13	4.11	2.77	2.80	3.03	2.41	2.30	3.00	4.33	5.00	8.43	4.20	2.88	3.35	2.73	2.76	2.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-5.18	-8.18	-11.46
ADK_NYS___DAM	44.26	41.95	45.02	42.67	45.15	51.22	93.15	95.19	55.80	44.06	50.01	45.95	38.49	41.37	44.30	61.66	67.13	121.75	66.80	52.67	45.72	41.54	45.22	48.36
23527	2.14	2.07	2.16	1.95	2.03	2.30	4.08	3.82	2.45	1.83	1.48	1.77	1.59	1.84	2.06	2.81	2.88	5.17	2.88	2.29	2.09	1.79	1.87	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	-0.42	-4.99	-7.87	-11.03
AIR_PRODUCTS___DRP	42.95	40.73	43.70	41.47	43.78	49.61	90.22	92.41	54.15	42.87	48.97	44.88	37.57	40.30	42.75	59.79	65.18	118.39	64.97	51.29	44.53	40.53	44.14	47.09
24190	0.83	0.85	0.83	0.75	0.65	0.69	1.15	1.04	0.79	0.63	0.44	0.69	0.67	0.76	0.84	0.95	0.94	1.81	1.04	0.91	0.91	0.78	0.78	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-4.99	-7.88	-11.04
AKWESSNE_115KV_BK	44.04	41.73	44.05	41.34	43.91	50.12	91.84	94.65	54.72	43.17	49.71	44.99	37.12	39.46	41.55	58.88	64.80	116.71	63.25	50.39	44.19	35.15	35.62	34.94
355683	1.92	1.84	1.19	0.62	0.78	1.20	2.77	3.28	1.36	0.94	1.18	0.80	0.22	-0.08	-0.36	0.03	0.56	0.13	-0.68	0.01	0.98	0.40	0.14	-0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	43.62	41.41	44.46	42.23	44.65	50.61	92.13	94.22	54.75	43.14	49.36	45.19	37.86	40.51	43.05	60.68	66.43	120.58	66.18	52.24	45.24	40.95	44.53	47.46
323833	1.50	1.53	1.60	1.51	1.52	1.69	3.06	2.85	1.40	0.90	0.83	1.01	0.96	0.97	1.14	1.84	2.18	4.00	2.26	1.86	1.63	1.28	1.30	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	-4.91	-7.75	-10.86
ALBANY_2_SOLAR	43.61	41.39	44.45	42.21	44.64	50.60	92.09	94.18	54.74	43.13	49.35	45.19	37.85	40.50	43.04	60.67	66.39	120.56	66.17	52.22	45.24	40.95	44.51	47.46
323834	1.49	1.51	1.59	1.49	1.51	1.68	3.02	2.81	1.39	0.90	0.82	1.00	0.96	0.97	1.13	1.83	2.15	3.98	2.25	1.84	1.62	1.28	1.28	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	-4.91	-7.75	-10.86
ALBANY___1	42.95	40.73	43.70	41.47	43.78	49.61	90.22	92.41	54.15	42.87	48.97	44.88	37.57	40.30	42.75	59.79	65.18	118.39	64.97	51.29	44.53	40.53	44.14	47.09
23571	0.83	0.85	0.83	0.75	0.65	0.69	1.15	1.04	0.79	0.63	0.44	0.69	0.67	0.76	0.84	0.95	0.94	1.81	1.04	0.91	0.91	0.78	0.78	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-4.99	-7.88	-11.04

ALBANY___2 23572	42.95 0.83 0.00	40.73 0.85 0.00	43.70 0.83 0.00	41.47 0.75 0.00	43.78 0.65 0.00	49.61 0.69 0.00	90.22 1.15 0.00	92.41 1.04 0.00	54.15 0.79 0.00	42.87 0.63 0.00	48.97 0.44 0.00	44.88 0.69 0.00	37.57 0.67 0.00	40.30 0.76 0.00	42.75 0.84 0.00	59.79 0.95 0.00	65.18 0.94 0.00	118.39 1.81 0.00	64.97 1.04 0.00	51.29 0.91 0.00	44.53 0.91 -0.42	40.53 0.78 -4.99	44.14 0.78 -7.88	47.09 0.79 -11.04
ALBANY___3 23573	42.95 0.83 0.00	40.73 0.85 0.00	43.70 0.83 0.00	41.47 0.75 0.00	43.78 0.65 0.00	49.61 0.69 0.00	90.22 1.15 0.00	92.41 1.04 0.00	54.15 0.79 0.00	42.87 0.63 0.00	48.97 0.44 0.00	44.88 0.69 0.00	37.57 0.67 0.00	40.30 0.76 0.00	42.75 0.84 0.00	59.79 0.95 0.00	65.18 0.94 0.00	118.39 1.81 0.00	64.97 1.04 0.00	51.29 0.91 0.00	44.53 0.91 -0.42	40.53 0.78 -4.99	44.14 0.78 -7.88	47.09 0.79 -11.04
ALBANY___4 23574	42.95 0.83 0.00	40.73 0.85 0.00	43.70 0.83 0.00	41.47 0.75 0.00	43.78 0.65 0.00	49.61 0.69 0.00	90.22 1.15 0.00	92.41 1.04 0.00	54.15 0.79 0.00	42.87 0.63 0.00	48.97 0.44 0.00	44.88 0.69 0.00	37.57 0.67 0.00	40.30 0.76 0.00	42.75 0.84 0.00	59.79 0.95 0.00	65.18 0.94 0.00	118.39 1.81 0.00	64.97 1.04 0.00	51.29 0.91 0.00	44.53 0.91 -0.42	40.53 0.78 -4.99	44.14 0.78 -7.88	47.09 0.79 -11.04
ALBANY___LFGE 323615	43.33 1.21 0.00	41.09 1.21 0.00	44.08 1.22 0.00	41.82 1.10 0.00	44.17 1.04 0.00	50.08 1.16 0.00	91.11 2.05 0.00	93.36 1.99 0.00	54.68 1.32 0.00	43.26 1.03 0.00	49.44 0.91 0.00	45.31 1.13 0.00	37.91 1.02 0.00	40.68 1.15 0.00	43.18 1.28 0.00	60.47 1.62 0.00	65.91 1.66 0.00	119.72 3.14 0.00	65.70 1.77 0.00	51.88 1.50 0.00	44.98 1.35 -0.42	40.90 1.13 -5.01	44.51 1.12 -7.91	47.47 1.13 -11.07
ALCOA_PA_115KV_PL-6C 55860	44.33 2.21 0.00	41.97 2.09 0.00	44.34 1.48 0.00	41.59 0.88 0.00	44.19 1.06 0.00	50.38 1.46 0.00	92.30 3.23 0.00	95.16 3.79 0.00	55.37 2.02 0.00	43.44 1.21 0.00	50.04 1.51 0.00	45.26 1.08 0.00	37.36 0.46 0.00	39.69 0.15 0.00	41.74 -0.17 0.00	59.12 0.27 0.00	65.16 0.91 0.00	117.35 0.77 0.00	63.59 -0.34 0.00	50.65 0.27 0.00	44.39 1.19 0.00	35.33 0.57 0.00	35.82 0.34 0.00	35.17 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	44.33 2.21 0.00	41.97 2.09 0.00	44.34 1.48 0.00	41.59 0.88 0.00	44.19 1.06 0.00	50.38 1.46 0.00	92.30 3.23 0.00	95.16 3.79 0.00	55.37 2.02 0.00	43.44 1.21 0.00	50.04 1.51 0.00	45.26 1.08 0.00	37.36 0.46 0.00	39.69 0.15 0.00	41.74 -0.17 0.00	59.12 0.27 0.00	65.16 0.91 0.00	117.35 0.77 0.00	63.59 -0.34 0.00	50.65 0.27 0.00	44.39 1.19 0.00	35.33 0.57 0.00	35.82 0.34 0.00	35.17 -0.09 0.00
ALCOA___DSASP 323711	44.33 2.21 0.00	41.97 2.09 0.00	44.34 1.48 0.00	41.59 0.88 0.00	44.19 1.06 0.00	50.38 1.46 0.00	92.30 3.23 0.00	95.16 3.79 0.00	55.37 2.02 0.00	43.44 1.21 0.00	50.04 1.51 0.00	45.26 1.08 0.00	37.36 0.46 0.00	39.69 0.15 0.00	41.74 -0.17 0.00	59.12 0.27 0.00	65.16 0.91 0.00	117.35 0.77 0.00	63.59 -0.34 0.00	50.65 0.27 0.00	44.39 1.19 0.00	35.33 0.57 0.00	35.82 0.34 0.00	35.17 -0.09 0.00
ALLEGHENY___COGEN 23514	42.45 0.33 0.00	40.21 0.33 0.00	43.82 0.96 0.00	42.01 1.30 0.00	44.87 1.74 0.00	51.25 2.34 0.00	93.50 4.43 0.00	96.18 4.81 0.00	55.62 2.26 0.00	42.76 0.53 0.00	49.41 0.88 0.00	44.54 0.35 0.00	36.87 -0.02 0.00	39.51 -0.02 0.00	42.10 0.19 0.00	59.96 1.11 0.00	66.97 2.72 0.00	122.16 5.57 0.00	66.80 2.88 0.00	51.96 1.58 0.00	43.79 0.52 -0.06	35.43 -0.07 -0.75	36.55 -0.11 -1.18	37.15 0.24 -1.65
ALTAMONT_115KV_TB 2 55880	43.05 0.94 0.00	40.80 0.92 0.00	43.81 0.95 0.00	41.58 0.86 0.00	43.96 0.82 0.00	49.79 0.87 0.00	90.60 1.54 0.00	92.86 1.49 0.00	54.29 0.94 0.00	42.99 0.75 0.00	49.23 0.70 0.00	45.01 0.82 0.00	37.65 0.76 0.00	40.38 0.85 0.00	42.81 0.90 0.00	59.97 1.13 0.00	65.38 1.13 0.00	118.74 2.16 0.00	65.19 1.26 0.00	51.44 1.06 0.00	44.62 0.99 -0.41	40.56 0.83 -4.97	44.18 0.85 -7.85	47.11 0.85 -10.99
ALTONA_WT_PWR 323606	44.40 2.28 0.00	42.02 2.13 0.00	44.43 1.57 0.00	41.78 1.06 0.00	44.32 1.19 0.00	50.52 1.61 0.00	92.89 3.83 0.00	95.69 4.32 0.00	55.61 2.26 0.00	43.55 1.32 0.00	50.08 1.55 0.00	45.47 1.28 0.00	37.61 0.72 0.00	40.03 0.49 0.00	42.10 0.19 0.00	59.58 0.73 0.00	65.58 1.34 0.00	117.99 1.40 0.00	63.98 0.05 0.00	50.89 0.51 0.00	44.54 1.33 0.00	35.37 0.62 0.00	35.63 0.15 0.00	34.85 -0.41 0.00
AMERICAN_REF_FUEL 24010	40.45 -1.66 0.00	38.27 -1.61 0.00	42.01 -0.85 0.00	40.31 -0.40 0.00	42.95 -0.18 0.00	48.24 -0.68 0.00	86.20 -2.87 0.00	87.76 -3.62 0.00	51.12 -2.24 0.00	40.70 -1.53 0.00	47.41 -1.12 0.00	42.61 -1.57 0.00	35.13 -1.76 0.00	37.52 -2.02 0.00	39.64 -2.26 0.00	56.02 -2.83 0.00	61.04 -3.20 0.00	110.50 -6.08 0.00	60.44 -3.49 0.00	47.08 -3.30 0.00	39.66 -3.60 -0.05	32.24 -3.16 -0.64	33.55 -2.94 -1.01	34.55 -2.12 -1.41
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.37 -1.75 0.00	38.30 -1.58 0.00	42.03 -0.83 0.00	40.91 0.20 0.00	43.90 0.77 0.00	49.98 1.06 0.00	90.03 0.96 0.00	92.33 0.96 0.00	53.50 0.14 0.00	42.27 0.04 0.00	49.39 0.85 0.00	44.25 0.07 0.00	36.50 -0.39 0.00	39.24 -0.29 0.00	41.51 -0.40 0.00	58.93 0.08 0.00	63.94 -0.30 0.00	114.07 -2.51 0.00	61.59 -2.34 0.00	47.51 -2.87 0.00	39.81 -3.46 -0.06	32.30 -3.19 -0.74	33.46 -3.18 -1.16	34.30 -2.58 -1.62
ARTHUR KILL_GT_1 23520	44.25 2.13 0.00	41.79 1.90 0.00	44.68 1.82 0.00	42.42 1.71 0.00	44.80 1.67 0.00	50.97 2.05 0.00	92.95 3.89 0.00	95.70 4.32 0.00	55.88 2.53 0.00	44.36 2.13 0.00	50.97 2.44 0.00	46.64 2.46 0.00	38.96 2.06 0.00	41.80 2.26 0.00	46.32 2.43 -1.98	61.81 2.96 0.00	67.30 3.05 0.00	124.30 6.76 -0.95	67.51 3.59 0.00	53.41 3.03 0.00	46.11 2.56 -0.34	40.95 2.08 -4.11	44.12 2.15 -6.48	46.28 1.94 -9.08
ARTHUR_KILL_2 23512	44.14 2.02 0.00	41.67 1.78 0.00	44.56 1.70 0.00	42.31 1.60 0.00	44.67 1.54 0.00	50.82 1.90 0.00	92.66 3.60 0.00	95.39 4.01 0.00	55.72 2.36 0.00	44.24 2.01 0.00	50.84 2.31 0.00	46.53 2.35 0.00	38.86 1.97 0.00	41.70 2.16 0.00	46.20 2.31 -1.98	61.64 2.79 0.00	67.10 2.85 0.00	123.93 6.39 -0.95	67.29 3.37 0.00	53.25 2.87 0.00	45.97 2.42 -0.34	40.83 1.97 -4.11	44.00 2.04 -6.48	46.17 1.83 -9.08
ARTHUR_KILL_3 23513	44.21 2.09 0.00	41.71 1.83 0.00	44.62 1.76 0.00	42.33 1.61 0.00	44.71 1.58 0.00	50.88 1.96 0.00	92.69 3.63 0.00	95.46 4.09 0.00	55.78 2.42 0.00	44.32 2.09 0.00	51.05 2.52 0.00	46.68 2.50 0.00	39.03 2.14 0.00	41.92 2.39 0.00	46.42 2.53 -1.99	61.92 3.07 0.00	67.47 3.22 0.00	123.98 6.43 -0.96	67.51 3.58 0.00	53.34 2.95 0.00	45.99 2.43 -0.34	40.86 1.99 -4.11	44.04 2.08 -6.48	46.23 1.89 -9.08

ARTHUR_KILL_COGEN 323718	44.25 2.13 0.00	41.79 1.90 0.00	44.68 1.82 0.00	42.42 1.71 0.00	44.80 1.67 0.00	50.97 2.05 0.00	92.95 3.88 0.00	95.70 4.32 0.00	55.88 2.53 0.00	44.36 2.13 0.00	50.97 2.44 0.00	46.64 2.46 0.00	38.96 2.06 0.00	41.80 2.26 0.00	46.31 2.42 -1.98	61.81 2.96 0.00	67.30 3.06 0.00	124.30 6.76 -0.95	67.51 3.58 0.00	53.42 3.04 0.00	46.11 2.56 -0.34	40.95 2.09 -4.11	44.12 2.15 -6.48	46.28 1.94 -9.08
ASHOKAN____ 23654	44.31 2.19 0.00	41.90 2.01 0.00	44.89 2.03 0.00	42.61 1.89 0.00	45.12 1.99 0.00	51.27 2.34 0.00	93.73 4.67 0.00	96.37 4.99 0.00	56.09 2.73 0.00	44.04 1.80 0.00	50.30 1.77 0.00	45.84 1.66 0.00	38.30 1.40 0.00	41.08 1.55 0.00	43.71 1.81 0.00	61.68 2.83 0.00	67.73 3.48 0.00	123.41 6.82 0.00	67.98 4.05 0.00	53.64 3.26 0.00	46.41 2.81 -0.38	41.27 1.93 -4.59	44.52 1.81 -7.24	47.06 1.66 -10.14
ASTORIA_EAST_ENERGY_CC1 323581	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.93 2.02 0.00	92.83 3.76 0.00	95.57 4.20 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.50 0.00	46.52 2.63 -1.98	61.95 3.10 0.00	67.35 3.11 0.00	124.17 6.63 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.98 2.43 -0.34	40.89 2.03 -4.11	44.04 2.07 -6.48	46.27 1.93 -9.08
ASTORIA_EAST_ENERGY_CC2 323582	44.26 2.14 0.00	41.77 1.88 0.00	44.67 1.81 0.00	42.40 1.68 0.00	44.76 1.63 0.00	50.92 2.00 0.00	92.74 3.68 0.00	95.52 4.15 0.00	55.87 2.51 0.00	44.39 2.16 0.00	51.21 2.67 0.00	46.80 2.62 0.00	39.20 2.31 0.00	42.03 2.49 0.00	46.48 2.60 -1.98	61.93 3.08 0.00	67.30 3.06 0.00	124.17 6.64 -0.95	67.48 3.55 0.00	53.29 2.91 0.00	45.97 2.42 -0.34	40.89 2.02 -4.11	44.03 2.07 -6.48	46.27 1.93 -9.08
ASTORIA_GT2_1 24094	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT2_2 24095	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT2_3 24096	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT2_4 24097	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT3_1 24098	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT3_2 24099	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT3_3 24100	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT3_4 24101	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT4_1 24102	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT4_2 24103	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT4_3 24104	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08

ASTORIA_GT4_4 24105	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.94 2.02 0.00	92.83 3.76 0.00	95.56 4.19 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	61.96 3.11 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA_GT_1 23523	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.49 1.77 0.00	44.85 1.72 0.00	51.03 2.11 0.00	93.00 3.93 0.00	95.77 4.40 0.00	56.03 2.67 0.00	44.51 2.28 0.00	51.34 2.81 0.00	46.92 2.73 0.00	39.30 2.41 0.00	42.13 2.59 0.00	46.62 2.73 -1.98	62.10 3.25 0.00	67.49 3.25 0.00	124.45 6.91 -0.95	67.67 3.74 0.00	53.44 3.06 0.00	46.08 2.53 -0.34	40.98 2.11 -4.11	44.12 2.16 -6.48	46.34 2.00 -9.08
ASTORIA_GT_10 24110	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.29 0.00	55.94 2.59 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.93 2.74 0.00	39.26 2.37 0.00	42.14 2.61 0.00	46.64 2.76 -1.98	62.19 3.35 0.00	67.66 3.41 0.00	124.39 6.86 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.13 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
ASTORIA_GT_11 24225	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.29 0.00	55.94 2.59 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.93 2.74 0.00	39.26 2.37 0.00	42.14 2.61 0.00	46.64 2.76 -1.98	62.19 3.35 0.00	67.66 3.41 0.00	124.39 6.86 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.13 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
ASTORIA_GT_12 24226	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.29 0.00	55.94 2.59 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.93 2.74 0.00	39.26 2.37 0.00	42.14 2.61 0.00	46.64 2.76 -1.98	62.19 3.35 0.00	67.66 3.41 0.00	124.39 6.86 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.13 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
ASTORIA_GT_13 24227	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.29 0.00	55.94 2.59 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.93 2.74 0.00	39.26 2.37 0.00	42.14 2.61 0.00	46.64 2.76 -1.98	62.19 3.35 0.00	67.66 3.41 0.00	124.39 6.86 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.13 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
ASTORIA_GT_5 24106	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.49 1.77 0.00	44.85 1.72 0.00	51.03 2.11 0.00	93.00 3.93 0.00	95.77 4.40 0.00	56.03 2.67 0.00	44.51 2.28 0.00	51.34 2.81 0.00	46.92 2.73 0.00	39.30 2.41 0.00	42.13 2.59 0.00	46.62 2.73 -1.98	62.10 3.25 0.00	67.49 3.25 0.00	124.45 6.91 -0.95	67.67 3.74 0.00	53.44 3.06 0.00	46.08 2.53 -0.34	40.98 2.11 -4.11	44.12 2.16 -6.48	46.34 2.00 -9.08
ASTORIA_GT_7 24107	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.49 1.77 0.00	44.85 1.72 0.00	51.03 2.11 0.00	93.00 3.93 0.00	95.77 4.40 0.00	56.03 2.67 0.00	44.51 2.28 0.00	51.34 2.81 0.00	46.92 2.73 0.00	39.30 2.41 0.00	42.13 2.59 0.00	46.62 2.73 -1.98	62.10 3.25 0.00	67.49 3.25 0.00	124.45 6.91 -0.95	67.67 3.74 0.00	53.44 3.06 0.00	46.08 2.53 -0.34	40.98 2.11 -4.11	44.12 2.16 -6.48	46.34 2.00 -9.08
ASTORIA_GT_8 24108	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.49 1.77 0.00	44.85 1.72 0.00	51.03 2.11 0.00	93.00 3.93 0.00	95.77 4.40 0.00	56.03 2.67 0.00	44.51 2.28 0.00	51.34 2.81 0.00	46.92 2.73 0.00	39.30 2.41 0.00	42.13 2.59 0.00	46.62 2.73 -1.98	62.10 3.25 0.00	67.49 3.25 0.00	124.45 6.91 -0.95	67.67 3.74 0.00	53.44 3.06 0.00	46.08 2.53 -0.34	40.98 2.11 -4.11	44.12 2.16 -6.48	46.34 2.00 -9.08
ASTORIA___2 24149	44.27 2.15 0.00	41.79 1.90 0.00	44.69 1.83 0.00	42.41 1.70 0.00	44.78 1.65 0.00	50.93 2.02 0.00	92.83 3.76 0.00	95.57 4.20 0.00	55.91 2.55 0.00	44.42 2.19 0.00	51.23 2.70 0.00	46.82 2.64 0.00	39.22 2.33 0.00	42.04 2.50 0.00	46.52 2.63 -1.98	61.95 3.10 0.00	67.36 3.11 0.00	124.20 6.66 -0.95	67.51 3.58 0.00	53.31 2.93 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.05 2.09 -6.48	46.28 1.94 -9.08
ASTORIA___3 23516	44.35 2.23 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.29 0.00	55.95 2.59 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.92 2.74 0.00	39.26 2.37 0.00	42.14 2.60 0.00	46.64 2.75 -1.98	62.19 3.34 0.00	67.65 3.41 0.00	124.39 6.86 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.12 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
ASTORIA___4 23517	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.29 0.00	55.94 2.59 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.93 2.74 0.00	39.26 2.37 0.00	42.14 2.61 0.00	46.64 2.76 -1.98	62.19 3.35 0.00	67.66 3.41 0.00	124.39 6.86 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.13 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
ASTORIA___5 23518	44.35 2.23 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.28 0.00	55.94 2.58 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.92 2.74 0.00	39.26 2.37 0.00	42.14 2.60 0.00	46.64 2.75 -1.98	62.19 3.34 0.00	67.65 3.41 0.00	124.38 6.84 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.12 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
AST_ENERGY_2_CC3 323677	43.79 1.67 0.00	41.33 1.45 0.00	44.18 1.32 0.00	41.93 1.21 0.00	44.26 1.13 0.00	50.35 1.43 0.00	91.75 2.68 0.00	94.47 3.09 0.00	55.27 1.91 0.00	43.92 1.69 0.00	50.64 2.10 0.00	46.34 2.15 0.00	38.95 2.06 0.00	41.70 2.17 0.00	46.08 2.19 -1.98	61.25 2.41 0.00	66.58 2.34 0.00	122.80 5.27 -0.95	66.76 2.83 0.00	52.73 2.34 0.00	45.49 1.94 -0.34	40.51 1.65 -4.11	43.64 1.68 -6.48	45.87 1.53 -9.08
AST_ENERGY_2_CC4 323678	43.79 1.67 0.00	41.33 1.45 0.00	44.18 1.32 0.00	41.93 1.21 0.00	44.26 1.13 0.00	50.35 1.43 0.00	91.75 2.68 0.00	94.47 3.09 0.00	55.27 1.91 0.00	43.92 1.69 0.00	50.64 2.10 0.00	46.34 2.15 0.00	38.95 2.06 0.00	41.70 2.17 0.00	46.08 2.19 -1.98	61.25 2.41 0.00	66.58 2.34 0.00	122.80 5.27 -0.95	66.76 2.83 0.00	52.73 2.34 0.00	45.49 1.94 -0.34	40.51 1.65 -4.11	43.64 1.68 -6.48	45.87 1.53 -9.08

ATHENS_STG_1 23668	43.26 1.14 0.00	40.96 1.08 0.00	43.97 1.11 0.00	41.74 1.03 0.00	44.12 0.99 0.00	49.98 1.06 0.00	91.03 1.97 0.00	93.36 1.99 0.00	54.58 1.22 0.00	43.29 1.06 0.00	49.71 1.17 0.00	45.38 1.19 0.00	37.97 1.08 0.00	40.74 1.20 0.00	43.52 1.26 -0.35	60.32 1.47 0.00	65.68 1.43 0.00	119.29 2.71 0.00	65.49 1.56 0.00	51.69 1.31 0.00	44.82 1.24 -0.38	40.31 1.05 -4.51	43.68 1.10 -7.11	46.27 1.06 -9.96
ATHENS_STG_2 23670	43.26 1.14 0.00	40.96 1.08 0.00	43.97 1.11 0.00	41.74 1.03 0.00	44.12 0.99 0.00	49.98 1.06 0.00	91.03 1.97 0.00	93.36 1.99 0.00	54.58 1.22 0.00	43.29 1.06 0.00	49.71 1.17 0.00	45.38 1.19 0.00	37.97 1.08 0.00	40.74 1.20 0.00	43.52 1.26 -0.35	60.32 1.47 0.00	65.68 1.43 0.00	119.29 2.71 0.00	65.49 1.56 0.00	51.69 1.31 0.00	44.82 1.24 -0.38	40.31 1.05 -4.51	43.68 1.10 -7.11	46.27 1.06 -9.96
ATHENS_STG_3 23677	43.26 1.14 0.00	40.96 1.08 0.00	43.97 1.11 0.00	41.74 1.03 0.00	44.12 0.99 0.00	49.98 1.06 0.00	91.03 1.97 0.00	93.36 1.99 0.00	54.58 1.22 0.00	43.29 1.06 0.00	49.71 1.17 0.00	45.38 1.19 0.00	37.97 1.08 0.00	40.74 1.20 0.00	43.52 1.26 -0.35	60.32 1.47 0.00	65.68 1.43 0.00	119.29 2.71 0.00	65.49 1.56 0.00	51.69 1.31 0.00	44.82 1.24 -0.38	40.31 1.05 -4.51	43.68 1.10 -7.11	46.27 1.06 -9.96
AUBURN___LFGE 323710	41.88 -0.24 0.00	39.62 -0.26 0.00	42.54 -0.32 0.00	40.52 -0.20 0.00	43.13 0.00 0.00	49.04 0.12 0.00	89.37 0.30 0.00	91.76 0.39 0.00	53.24 -0.12 0.00	42.01 -0.22 0.00	48.50 -0.04 0.00	43.85 -0.33 0.00	36.39 -0.51 0.00	39.04 -0.50 0.00	41.53 -0.37 0.00	58.66 -0.18 0.00	64.46 0.21 0.00	117.14 0.56 0.00	64.02 0.09 0.00	50.26 -0.12 0.00	43.06 -0.19 -0.04	35.05 -0.22 -0.52	36.03 -0.27 -0.83	36.08 -0.33 -1.16
BABYLON_RES_REC 323704	44.95 2.84 0.00	42.23 2.35 0.00	45.15 2.29 0.00	42.65 1.93 0.00	44.86 1.73 0.00	50.56 1.64 0.00	92.09 2.59 -0.43	95.41 3.09 -0.94	55.23 1.88 0.00	44.12 1.89 0.00	51.21 2.67 0.00	46.68 2.49 0.00	39.03 2.13 0.00	42.06 2.52 0.00	46.32 2.55 -1.87	62.53 2.89 -0.79	68.48 3.14 -1.09	123.90 5.44 -1.88	124.63 3.97 -56.73	53.81 3.43 0.00	46.36 2.79 -0.36	41.39 2.42 -4.21	44.62 2.65 -6.49	46.83 2.49 -9.08
BALL_HILL_WT_PWR 323825	40.73 -1.39 0.00	38.60 -1.29 0.00	42.23 -0.63 0.00	40.75 0.03 0.00	43.57 0.44 0.00	49.39 0.47 0.00	88.77 -0.30 0.00	90.73 -0.64 0.00	52.64 -0.72 0.00	41.72 -0.51 0.00	48.74 0.21 0.00	43.77 -0.42 0.00	36.15 -0.75 0.00	38.80 -0.73 0.00	41.03 -0.88 0.00	58.07 -0.77 0.00	63.17 -1.07 0.00	113.68 -2.91 0.00	61.92 -2.00 0.00	48.18 -2.20 0.00	40.53 -2.73 -0.06	32.90 -2.57 -0.71	34.18 -2.41 -1.12	35.03 -1.79 -1.57
BARON_WINDS___WT_PWR 323822	39.68 -2.43 0.00	37.79 -2.10 0.00	41.11 -1.75 0.00	39.53 -1.19 0.00	42.31 -0.82 0.00	48.26 -0.65 0.00	87.88 -1.19 0.00	90.14 -1.23 0.00	52.38 -0.97 0.00	41.21 -1.02 0.00	48.03 -0.50 0.00	43.27 -0.91 0.00	35.79 -1.10 0.00	38.59 -0.94 0.00	41.05 -0.86 0.00	58.36 -0.48 0.00	63.85 -0.40 0.00	115.24 -1.35 0.00	62.91 -1.02 0.00	48.82 -1.56 0.00	41.03 -2.26 -0.08	33.38 -2.33 -0.96	34.65 -2.35 -1.51	35.29 -2.09 -2.12
BARRETT_IC_1 23704	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_10 23701	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_11 23702	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_12 23703	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_2 23705	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_3 23706	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_4 23707	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_5 23708	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08

BARRETT_IC_6 23709	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_7 23710	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.38 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.99 0.00	93.78 2.41 0.00	54.94 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.14 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.86 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_8 23711	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT_IC_9 23700	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT___1 23545	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BARRETT___2 23546	44.56 2.44 0.00	41.90 2.01 0.00	44.80 1.94 0.00	42.37 1.66 0.00	44.57 1.44 0.00	50.34 1.42 0.00	91.05 1.98 0.00	93.78 2.41 0.00	54.93 1.58 0.00	43.95 1.72 0.00	50.98 2.45 0.00	46.55 2.36 0.00	38.92 2.03 0.00	41.90 2.37 0.00	46.13 2.36 -1.87	61.35 2.50 0.00	66.70 2.45 0.00	121.85 4.50 -0.77	124.15 3.23 -56.99	53.21 2.83 0.00	45.86 2.31 -0.34	41.09 2.12 -4.21	44.26 2.29 -6.49	46.45 2.11 -9.08
BATAVIA__115KV_TB1 55881	41.99 -0.13 0.00	39.70 -0.18 0.00	43.41 0.55 0.00	41.62 0.90 0.00	44.40 1.27 0.00	50.18 1.27 0.00	91.46 2.39 0.00	93.55 2.18 0.00	53.94 0.58 0.00	42.49 0.26 0.00	48.96 0.43 0.00	44.13 -0.05 0.00	36.29 -0.60 0.00	38.79 -0.74 0.00	41.14 -0.77 0.00	58.72 -0.12 0.00	64.51 0.27 0.00	116.58 -0.01 0.00	63.91 -0.02 0.00	49.83 -0.55 0.00	42.02 -1.23 -0.05	34.03 -1.30 -0.58	35.22 -1.17 -0.91	35.99 -0.54 -1.28
BAYONEEC___CTG1 323682	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BAYONEEC___CTG10 323750	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BAYONEEC___CTG2 323683	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BAYONEEC___CTG3 323684	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BAYONEEC___CTG4 323685	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BAYONEEC___CTG5 323686	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BAYONEEC___CTG6 323687	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BAYONEEC___CTG7 323688	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08

BAYONEEC___CTG8 323689	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BAYONEEC___CTG9 323749	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.45 1.73 0.00	44.82 1.69 0.00	51.00 2.08 0.00	92.91 3.84 0.00	95.68 4.31 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.20 2.67 0.00	46.82 2.64 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.57 2.68 -1.99	62.11 3.26 0.00	67.63 3.39 0.00	124.24 6.69 -0.96	67.67 3.75 0.00	53.47 3.08 0.00	46.10 2.54 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
BEACON___LESR 323632	43.60 1.48 0.00	41.28 1.39 0.00	44.24 1.37 0.00	42.01 1.30 0.00	44.47 1.34 0.00	50.49 1.57 0.00	91.80 2.74 0.00	94.01 2.64 0.00	54.93 1.57 0.00	43.48 1.25 0.00	49.58 1.05 0.00	45.49 1.30 0.00	38.02 1.12 0.00	40.83 1.30 0.00	43.43 1.52 0.00	61.05 2.20 0.00	66.22 1.98 0.00	120.62 4.04 0.00	66.16 2.23 0.00	52.26 1.88 0.00	45.26 1.64 -0.42	41.10 1.36 -4.99	44.69 1.33 -7.88	47.63 1.34 -11.03
BEAVER RIVER___HYD 24048	41.75 -0.37 0.00	39.62 -0.27 0.00	42.45 -0.41 0.00	40.13 -0.58 0.00	43.03 -0.10 0.00	49.07 0.15 0.00	89.55 0.48 0.00	93.17 1.80 0.00	54.93 1.57 0.00	43.06 0.82 0.00	49.85 1.31 0.00	44.56 0.37 0.00	36.90 0.01 0.00	39.23 -0.31 0.00	41.29 -0.61 0.00	58.50 -0.35 0.00	65.40 1.15 0.00	118.66 2.08 0.00	64.33 0.40 0.00	50.56 0.18 0.00	43.33 0.11 -0.01	34.79 -0.13 -0.17	35.48 -0.26 -0.26	35.09 -0.53 -0.36
BEEBEE_GT_13 23619	41.64 -0.48 0.00	39.37 -0.52 0.00	42.80 -0.06 0.00	40.89 0.18 0.00	43.52 0.39 0.00	49.38 0.46 0.00	89.36 0.30 0.00	91.49 0.12 0.00	53.22 -0.14 0.00	42.12 -0.12 0.00	48.72 0.19 0.00	43.92 -0.27 0.00	36.40 -0.49 0.00	38.97 -0.56 0.00	41.36 -0.55 0.00	58.56 -0.29 0.00	63.99 -0.26 0.00	116.00 -0.59 0.00	63.46 -0.47 0.00	49.65 -0.72 0.00	42.12 -1.13 -0.04	34.15 -1.09 -0.49	35.22 -1.02 -0.77	35.72 -0.61 -1.07
BENSHRST_27_KV_BENSHRST_1 355998	44.48 2.36 0.00	41.96 2.08 0.00	44.87 2.01 0.00	42.60 1.88 0.00	44.97 1.85 0.00	51.18 2.26 0.00	93.34 4.27 0.00	96.14 4.77 0.00	56.19 2.84 0.00	44.66 2.43 0.00	51.35 2.82 0.00	47.00 2.81 0.00	39.30 2.41 0.00	42.18 2.65 0.00	46.71 2.83 -1.98	62.33 3.48 0.00	67.81 3.56 0.00	125.04 7.50 -0.95	67.96 4.03 0.00	53.72 3.34 0.00	46.35 2.80 -0.34	41.15 2.29 -4.11	44.33 2.37 -6.48	46.49 2.15 -9.08
BETHLEHEM___GRP 23843	42.95 0.83 0.00	40.73 0.85 0.00	43.70 0.83 0.00	41.47 0.75 0.00	43.78 0.65 0.00	49.61 0.69 0.00	90.22 1.15 0.00	92.41 1.04 0.00	54.15 0.79 0.00	42.87 0.63 0.00	48.97 0.44 0.00	44.88 0.69 0.00	37.57 0.67 0.00	40.30 0.76 0.00	42.75 0.84 0.00	59.79 0.95 0.00	65.18 0.94 0.00	118.39 1.81 0.00	64.97 1.04 0.00	51.29 0.91 0.00	44.53 0.91 -0.42	40.53 0.78 -4.99	44.14 0.78 -7.88	47.09 0.79 -11.04
BETHLEHEM___GS1 323560	42.95 0.83 0.00	40.73 0.85 0.00	43.69 0.83 0.00	41.47 0.75 0.00	43.78 0.65 0.00	49.61 0.69 0.00	90.22 1.15 0.00	92.42 1.04 0.00	54.15 0.79 0.00	42.87 0.63 0.00	48.98 0.45 0.00	44.88 0.69 0.00	37.57 0.67 0.00	40.30 0.76 0.00	42.74 0.84 0.00	59.79 0.95 0.00	65.18 0.93 0.00	118.39 1.80 0.00	64.96 1.04 0.00	51.29 0.91 0.00	44.53 0.90 -0.42	40.53 0.78 -4.99	44.14 0.78 -7.88	47.09 0.79 -11.04
BETHLEHEM___GS2 323561	42.95 0.83 0.00	40.73 0.85 0.00	43.69 0.83 0.00	41.47 0.75 0.00	43.78 0.65 0.00	49.61 0.69 0.00	90.22 1.15 0.00	92.42 1.04 0.00	54.15 0.79 0.00	42.87 0.63 0.00	48.98 0.45 0.00	44.88 0.69 0.00	37.57 0.67 0.00	40.30 0.76 0.00	42.74 0.84 0.00	59.79 0.95 0.00	65.18 0.93 0.00	118.39 1.80 0.00	64.96 1.04 0.00	51.29 0.91 0.00	44.53 0.90 -0.42	40.53 0.78 -4.99	44.14 0.78 -7.88	47.09 0.79 -11.04
BETHLEHEM___GS3 323562	42.95 0.83 0.00	40.73 0.85 0.00	43.69 0.83 0.00	41.47 0.75 0.00	43.78 0.65 0.00	49.61 0.69 0.00	90.22 1.15 0.00	92.42 1.04 0.00	54.15 0.79 0.00	42.87 0.63 0.00	48.98 0.45 0.00	44.88 0.69 0.00	37.57 0.67 0.00	40.30 0.76 0.00	42.74 0.84 0.00	59.79 0.95 0.00	65.18 0.93 0.00	118.39 1.80 0.00	64.96 1.04 0.00	51.29 0.91 0.00	44.53 0.90 -0.42	40.53 0.78 -4.99	44.14 0.78 -7.88	47.09 0.79 -11.04
BETHLEHEM___STEEL 23779	41.10 -1.02 0.00	38.91 -0.98 0.00	42.61 -0.25 0.00	40.97 0.25 0.00	43.72 0.60 0.00	49.48 0.56 0.00	88.84 -0.23 0.00	90.66 -0.71 0.00	52.69 -0.66 0.00	41.83 -0.41 0.00	48.80 0.27 0.00	43.86 -0.33 0.00	36.21 -0.69 0.00	38.75 -0.78 0.00	41.00 -0.91 0.00	57.99 -0.86 0.00	63.20 -1.04 0.00	114.31 -2.28 0.00	62.44 -1.49 0.00	48.61 -1.77 0.00	40.92 -2.35 -0.06	33.20 -2.25 -0.69	34.53 -2.04 -1.10	35.43 -1.36 -1.53
BETHLHEM_115KV_TB1 79974	42.99 0.87 0.00	40.76 0.88 0.00	43.74 0.87 0.00	41.50 0.79 0.00	43.82 0.69 0.00	49.66 0.74 0.00	90.33 1.26 0.00	92.53 1.16 0.00	54.19 0.83 0.00	42.91 0.67 0.00	49.06 0.52 0.00	44.92 0.73 0.00	37.60 0.70 0.00	40.33 0.79 0.00	42.77 0.86 0.00	59.85 1.00 0.00	65.25 1.00 0.00	118.51 1.92 0.00	65.05 1.13 0.00	51.34 0.96 0.00	44.56 0.94 -0.42	40.55 0.80 -4.99	44.15 0.80 -7.87	47.10 0.82 -11.03
BETHPAGE_CC_5 323564	44.84 2.72 0.00	42.16 2.27 0.00	45.06 2.20 0.00	42.61 1.89 0.00	44.83 1.70 0.00	50.53 1.61 0.00	91.78 2.51 -0.21	94.81 2.97 -0.46	55.26 1.90 0.00	44.08 1.85 0.00	51.14 2.60 0.00	46.74 2.55 0.00	39.08 2.18 0.00	42.09 2.55 0.00	46.34 2.56 -1.87	62.05 2.82 -0.39	67.74 2.96 -0.54	123.04 5.41 -1.04	125.16 3.85 -57.38	53.68 3.30 0.00	46.23 2.68 -0.34	41.29 2.32 -4.22	44.55 2.58 -6.49	46.74 2.39 -9.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.17 -0.95 0.00	39.00 -0.89 0.00	42.71 -0.15 0.00	41.07 0.35 0.00	43.83 0.70 0.00	49.61 0.69 0.00	89.10 0.03 0.00	90.94 -0.44 0.00	52.87 -0.49 0.00	41.98 -0.26 0.00	48.98 0.45 0.00	44.01 -0.18 0.00	36.34 -0.55 0.00	38.90 -0.63 0.00	41.16 -0.75 0.00	58.22 -0.63 0.00	63.46 -0.79 0.00	114.76 -1.83 0.00	62.69 -1.24 0.00	48.79 -1.59 0.00	41.08 -2.19 -0.06	33.31 -2.15 -0.70	34.65 -1.94 -1.11	35.51 -1.30 -1.56
BINGHAMTON___COGEN 23790	41.69 -0.43 0.00	39.49 -0.40 0.00	42.51 -0.35 0.00	40.56 -0.15 0.00	43.08 -0.05 0.00	48.86 -0.05 0.00	88.86 -0.21 0.00	91.22 -0.16 0.00	52.97 -0.39 0.00	41.48 -0.75 0.00	48.13 -0.40 0.00	43.41 -0.77 0.00	36.08 -0.81 0.00	39.15 -0.39 0.00	41.79 -0.11 0.00	58.92 0.07 0.00	64.29 0.05 0.00	116.38 -0.20 0.00	63.92 -0.01 0.00	50.27 -0.11 0.00	42.95 -0.38 -0.11	35.67 -0.45 -1.37	37.20 -0.44 -2.17	37.91 -0.38 -3.03

BIXINCNT_115KV_LOAD 355685	40.41 -1.71 0.00	38.63 -1.25 0.00	42.37 -0.49 0.00	41.08 0.36 0.00	44.03 0.90 0.00	49.91 0.99 0.00	89.48 0.41 0.00	91.19 -0.19 0.00	53.46 0.10 0.00	42.56 0.32 0.00	49.70 1.17 0.00	44.61 0.43 0.00	36.91 0.02 0.00	39.53 0.00 0.00	41.83 -0.08 0.00	59.16 0.31 0.00	64.46 0.21 0.00	115.97 -0.61 0.00	63.12 -0.81 0.00	48.85 -1.53 0.00	41.07 -2.20 -0.06	33.17 -2.34 -0.75	34.60 -2.06 -1.18	34.98 -1.94 -1.66
BLACK RIVER___HYD 24047	41.28 -0.84 0.00	39.16 -0.72 0.00	42.05 -0.81 0.00	39.89 -0.83 0.00	42.84 -0.29 0.00	49.00 0.09 0.00	89.43 0.36 0.00	93.30 1.93 0.00	54.84 1.48 0.00	42.85 0.61 0.00	49.54 1.00 0.00	44.21 0.03 0.00	36.63 -0.27 0.00	38.98 -0.55 0.00	41.08 -0.83 0.00	58.56 -0.28 0.00	65.88 1.64 0.00	119.94 3.35 0.00	64.95 1.03 0.00	50.99 0.61 0.00	43.41 0.18 -0.02	34.80 -0.17 -0.22	35.47 -0.36 -0.35	35.14 -0.61 -0.50
BLACKRVR_115KV_TB2 79977	41.28 -0.84 0.00	39.16 -0.72 0.00	42.05 -0.81 0.00	39.89 -0.83 0.00	42.84 -0.29 0.00	49.00 0.08 0.00	89.43 0.36 0.00	93.30 1.93 0.00	54.84 1.48 0.00	42.85 0.62 0.00	49.54 1.00 0.00	44.21 0.03 0.00	36.62 -0.27 0.00	38.98 -0.55 0.00	41.08 -0.83 0.00	58.56 -0.28 0.00	65.89 1.64 0.00	119.94 3.35 0.00	64.95 1.03 0.00	50.99 0.61 0.00	43.41 0.18 -0.02	34.80 -0.18 -0.22	35.47 -0.36 -0.35	35.14 -0.61 -0.50
BLDWN_LI_69_KV_BK4 356085	44.92 2.80 0.00	42.23 2.35 0.00	45.14 2.28 0.00	42.69 1.98 0.00	44.94 1.81 0.00	50.78 1.86 0.00	91.78 2.71 0.00	94.59 3.22 0.00	55.50 2.15 0.00	44.27 2.03 0.00	51.30 2.77 0.00	46.84 2.65 0.00	39.17 2.27 0.00	42.17 2.64 0.00	46.46 2.68 -1.87	61.88 3.03 0.00	67.30 3.05 0.00	123.13 5.72 -0.83	129.74 4.00 -61.81	53.86 3.48 0.00	46.38 2.83 -0.34	41.44 2.47 -4.22	44.63 2.65 -6.49	46.79 2.45 -9.08
BLISS_WT_PWR 323608	40.10 -2.02 0.00	38.44 -1.45 0.00	42.21 -0.65 0.00	41.01 0.29 0.00	44.01 0.88 0.00	49.90 0.98 0.00	89.42 0.36 0.00	91.03 -0.34 0.00	53.51 0.15 0.00	42.63 0.40 0.00	49.79 1.26 0.00	44.69 0.50 0.00	36.96 0.07 0.00	39.58 0.04 0.00	41.87 -0.03 0.00	59.23 0.38 0.00	64.53 0.28 0.00	116.08 -0.50 0.00	63.09 -0.84 0.00	48.72 -1.66 0.00	40.94 -2.34 -0.06	33.00 -2.51 -0.75	34.45 -2.21 -1.18	34.72 -2.19 -1.66
BLUESTONE___WT_PWR 323821	41.75 -0.37 0.00	39.13 -0.76 0.00	41.47 -1.39 0.00	39.73 -0.98 0.00	42.21 -0.92 0.00	48.34 -0.58 0.00	88.63 -0.44 0.00	92.22 0.85 0.00	54.38 1.02 0.00	42.84 0.60 0.00	49.89 1.36 0.00	45.59 1.41 0.00	37.97 1.07 0.00	40.73 1.20 0.00	43.28 1.37 0.00	61.95 3.10 0.00	68.13 3.89 0.00	123.84 7.25 0.00	67.94 4.01 0.00	53.14 2.76 0.00	44.92 1.58 -0.12	36.52 0.28 -1.48	37.50 -0.30 -2.33	37.94 -0.57 -3.26
BLUE_CIRC_CHEM_DRP 24182	43.28 1.16 0.00	41.07 1.19 0.00	44.11 1.25 0.00	41.88 1.16 0.00	44.27 1.14 0.00	50.17 1.25 0.00	91.27 2.21 0.00	93.37 2.00 0.00	54.46 1.10 0.00	43.02 0.78 0.00	49.25 0.71 0.00	45.08 0.89 0.00	37.73 0.84 0.00	40.43 0.89 0.00	42.91 1.00 0.00	60.27 1.42 0.00	65.81 1.56 0.00	119.42 2.84 0.00	65.55 1.62 0.00	51.73 1.35 0.00	44.85 1.23 -0.41	40.68 1.00 -4.92	44.27 1.02 -7.77	47.20 1.06 -10.88
BOC_GAS_DRP 24189	42.98 0.86 0.00	40.75 0.86 0.00	43.76 0.90 0.00	41.52 0.81 0.00	43.88 0.76 0.00	49.72 0.79 0.00	90.48 1.42 0.00	92.70 1.33 0.00	54.23 0.88 0.00	42.96 0.73 0.00	49.21 0.67 0.00	44.98 0.80 0.00	37.64 0.75 0.00	40.37 0.84 0.00	42.79 0.89 0.00	59.90 1.06 0.00	65.28 1.03 0.00	118.51 1.93 0.00	65.06 1.14 0.00	51.34 0.97 0.00	44.53 0.91 -0.41	40.50 0.77 -4.97	44.12 0.79 -7.85	47.06 0.81 -10.99
BOONVILLE_115KV_TB1 79983	42.49 0.37 0.00	40.30 0.42 0.00	43.33 0.47 0.00	41.09 0.37 0.00	43.81 0.68 0.00	49.91 0.99 0.00	91.14 2.08 0.00	94.22 2.85 0.00	55.85 2.49 0.00	43.98 1.75 0.00	50.55 2.02 0.00	45.16 0.97 0.00	37.57 0.68 0.00	40.15 0.61 0.00	42.47 0.57 0.00	59.99 1.14 0.00	66.25 2.01 0.00	120.19 3.61 0.00	65.60 1.67 0.00	51.57 1.20 0.00	44.12 0.90 -0.01	35.45 0.56 -0.14	36.20 0.50 -0.22	35.89 0.33 -0.31
BORALEX_4TH_BRANCH 23824	44.26 2.14 0.00	41.96 2.07 0.00	45.02 2.16 0.00	42.67 1.95 0.00	45.15 2.02 0.00	51.22 2.30 0.00	93.15 4.08 0.00	95.18 3.81 0.00	55.80 2.44 0.00	44.06 1.83 0.00	50.01 1.48 0.00	45.95 1.77 0.00	38.49 1.59 0.00	41.37 1.84 0.00	44.30 2.06 -0.33	61.66 2.81 0.00	67.12 2.87 0.00	121.75 5.17 0.00	66.80 2.88 0.00	52.67 2.29 0.00	45.72 2.09 -0.42	41.54 1.79 -4.99	45.23 1.88 -7.87	48.36 2.07 -11.03
BOWLINE___1 23526	43.90 1.78 0.00	41.45 1.56 0.00	44.37 1.51 0.00	42.11 1.39 0.00	44.51 1.38 0.00	50.58 1.66 0.00	92.12 3.05 0.00	94.54 3.16 0.00	55.07 1.71 0.00	43.76 1.53 0.00	50.40 1.87 0.00	46.10 1.91 0.00	38.53 1.64 0.00	41.34 1.81 0.00	40.46 1.86 3.30	60.97 2.12 0.00	66.47 2.22 0.00	121.24 4.65 0.00	66.54 2.61 0.00	52.56 2.18 0.00	45.38 1.83 -0.33	40.27 1.52 -3.99	43.44 1.67 -6.30	45.61 1.54 -8.82
BOWLINE___2 23595	43.88 1.76 0.00	41.43 1.55 0.00	44.36 1.50 0.00	42.11 1.39 0.00	44.50 1.37 0.00	50.57 1.65 0.00	92.12 3.05 0.00	94.59 3.21 0.00	55.15 1.79 0.00	43.81 1.58 0.00	50.45 1.92 0.00	46.11 1.93 0.00	38.53 1.64 0.00	41.35 1.82 0.00	40.49 1.88 3.30	61.04 2.20 0.00	66.56 2.31 0.00	121.39 4.80 0.00	66.64 2.71 0.00	52.63 2.25 0.00	45.43 1.88 -0.33	40.30 1.56 -3.99	43.45 1.68 -6.30	45.61 1.54 -8.82
BRADY___115KV_TB2 356060	44.71 2.59 0.00	42.34 2.46 0.00	44.72 1.85 0.00	41.91 1.20 0.00	44.53 1.40 0.00	50.72 1.80 0.00	92.94 3.87 0.00	95.93 4.56 0.00	55.78 2.43 0.00	43.71 1.49 0.00	50.38 1.85 0.00	45.52 1.34 0.00	37.56 0.67 0.00	39.83 0.30 0.00	41.77 -0.13 0.00	59.14 0.29 0.00	65.64 1.39 0.00	118.33 1.74 0.00	64.10 0.17 0.00	51.04 0.66 0.00	44.72 1.51 0.00	35.58 0.82 0.00	36.07 0.60 0.00	35.43 0.17 0.00
BRANSCOMB___SOLAR 323811	44.49 2.37 0.00	42.09 2.21 0.00	45.20 2.33 0.00	42.87 2.16 0.00	45.42 2.30 0.00	51.64 2.73 0.00	94.35 5.28 0.00	96.46 5.09 0.00	56.25 2.89 0.00	44.19 1.95 0.00	50.48 1.95 0.00	46.30 2.11 0.00	38.60 1.71 0.00	41.24 1.71 0.00	44.05 2.15 0.00	62.05 3.20 0.00	67.92 3.67 0.00	122.95 6.37 0.00	67.24 3.31 0.00	52.78 2.40 0.00	46.18 2.54 -0.43	41.98 2.07 -5.15	45.70 2.09 -8.13	48.83 2.18 -11.39
BRDGHMPT_69_KV_BK1 55812	44.71 2.59 0.00	41.98 2.09 0.00	44.99 2.14 0.00	42.22 1.50 0.00	44.39 1.26 0.00	49.93 1.01 0.00	92.49 1.43 -1.99	97.30 1.57 -4.36	54.19 0.84 0.00	43.38 1.14 0.00	50.61 2.08 0.00	46.41 2.22 0.00	39.03 2.13 0.00	42.15 2.62 0.00	46.80 3.03 -1.87	65.92 3.43 -3.64	73.67 4.37 -5.05	131.85 7.91 -7.35	129.79 5.22 -60.64	54.70 4.32 0.00	47.21 3.57 -0.43	42.08 3.12 -4.21	45.35 3.38 -6.49	47.56 3.22 -9.08

BRENTWOD_69_KV_W. BRTWOOD 56703	45.20 3.09 0.00	42.47 2.58 0.00	45.39 2.53 0.00	42.87 2.15 0.00	45.07 1.94 0.00	50.73 1.81 0.00	93.79 2.96 -1.76	98.74 3.51 -3.86	55.34 1.98 0.00	44.24 2.00 0.00	51.38 2.85 0.00	46.87 2.68 0.00	39.19 2.30 0.00	42.23 2.70 0.00	46.50 2.72 -1.87	65.28 3.21 -3.23	71.95 3.22 -4.48	127.93 4.69 -6.65	128.44 3.92 -60.59	53.98 3.60 0.00	46.66 3.03 -0.42	41.53 2.57 -4.21	44.82 2.85 -6.49	47.05 2.71 -9.08
BRISTLHL_115KV_TB1 79998	40.61 -1.51 0.00	38.43 -1.46 0.00	41.38 -1.48 0.00	39.37 -1.34 0.00	41.75 -1.38 0.00	47.40 -1.52 0.00	86.28 -2.79 0.00	88.60 -2.77 0.00	51.72 -1.63 0.00	40.87 -1.37 0.00	47.05 -1.48 0.00	42.64 -1.54 0.00	35.49 -1.40 0.00	38.12 -1.41 0.00	40.48 -1.42 0.00	57.00 -1.85 0.00	62.36 -1.88 0.00	113.21 -3.37 0.00	62.10 -1.83 0.00	48.85 -1.53 0.00	41.79 -1.45 -0.03	33.93 -1.17 -0.34	34.79 -1.23 -0.54	34.81 -1.20 -0.75
BROOKHAVEN___DRP 24191	44.84 2.72 0.00	42.11 2.22 0.00	45.00 2.14 0.00	42.42 1.70 0.00	44.57 1.45 0.00	50.07 1.15 0.00	92.62 1.49 -2.07	97.54 1.64 -4.53	54.35 1.00 0.00	43.49 1.26 0.00	50.54 2.00 0.00	46.12 1.94 0.00	38.61 1.71 0.00	41.52 1.98 0.00	45.92 2.14 -1.87	64.75 2.12 -3.79	72.18 2.68 -5.26	128.65 4.43 -7.64	128.49 3.55 -61.01	53.47 3.09 0.00	46.06 2.42 -0.43	41.13 2.17 -4.21	44.42 2.45 -6.49	46.68 2.33 -9.08
BROOKLYN_NAVY_YARD 23515	44.16 2.04 0.00	41.70 1.82 0.00	44.60 1.74 0.00	42.32 1.60 0.00	44.69 1.56 0.00	50.88 1.96 0.00	92.71 3.64 0.00	95.52 4.15 0.00	55.82 2.46 0.00	44.37 2.14 0.00	51.10 2.57 0.00	46.74 2.55 0.00	39.10 2.21 0.00	41.98 2.44 0.00	46.49 2.60 -1.99	62.02 3.17 0.00	67.54 3.30 0.00	124.04 6.49 -0.96	67.56 3.63 0.00	53.38 3.00 0.00	46.02 2.47 -0.34	40.87 2.01 -4.11	44.06 2.09 -6.48	46.25 1.91 -9.08
BROOKLYN___ARMY_DRP 323595	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
BROOME_2_LFGE 323671	41.69 -0.43 0.00	39.49 -0.39 0.00	42.51 -0.35 0.00	40.56 -0.15 0.00	43.08 -0.05 0.00	48.86 -0.05 0.00	88.86 -0.21 0.00	91.22 -0.16 0.00	52.97 -0.39 0.00	41.48 -0.75 0.00	48.14 -0.39 0.00	43.41 -0.77 0.00	36.08 -0.81 0.00	39.15 -0.39 0.00	41.79 -0.11 0.00	58.92 0.07 0.00	64.29 0.05 0.00	116.38 -0.20 0.00	63.92 -0.01 0.00	50.27 -0.11 0.00	42.95 -0.37 -0.11	35.67 -0.45 -1.37	37.20 -0.44 -2.17	37.91 -0.38 -3.03
BROOME___LFGE 323600	41.69 -0.43 0.00	39.49 -0.39 0.00	42.51 -0.35 0.00	40.56 -0.15 0.00	43.08 -0.05 0.00	48.86 -0.05 0.00	88.86 -0.21 0.00	91.22 -0.16 0.00	52.97 -0.39 0.00	41.48 -0.75 0.00	48.14 -0.39 0.00	43.41 -0.77 0.00	36.08 -0.81 0.00	39.15 -0.39 0.00	41.79 -0.11 0.00	58.92 0.07 0.00	64.29 0.05 0.00	116.38 -0.20 0.00	63.92 -0.01 0.00	50.27 -0.11 0.00	42.95 -0.37 -0.11	35.67 -0.45 -1.37	37.20 -0.44 -2.17	37.91 -0.38 -3.03
BROWNFLS_115KV_TB 3_5 80003	42.59 0.48 0.00	40.39 0.50 0.00	42.98 0.12 0.00	40.44 -0.27 0.00	43.17 0.04 0.00	49.07 0.15 0.00	89.44 0.38 0.00	92.78 1.41 0.00	54.49 1.13 0.00	42.73 0.49 0.00	49.57 1.04 0.00	44.53 0.34 0.00	36.81 -0.08 0.00	39.08 -0.46 0.00	40.99 -0.91 0.00	57.96 -0.89 0.00	64.40 0.15 0.00	116.39 -0.20 0.00	63.04 -0.88 0.00	49.84 -0.54 0.00	43.26 0.04 -0.01	34.71 -0.17 -0.12	35.36 -0.31 -0.19	34.95 -0.58 -0.27
BROWNSV1_27_KV_LOAD 356125	44.72 2.60 0.00	42.18 2.29 0.00	45.12 2.26 0.00	42.81 2.10 0.00	45.21 2.09 0.00	51.46 2.54 0.00	93.80 4.73 0.00	96.67 5.30 0.00	56.48 3.12 0.00	44.90 2.67 0.00	51.73 3.20 0.00	47.29 3.10 0.00	39.54 2.65 0.00	42.47 2.94 0.00	47.00 3.11 -1.99	62.74 3.90 0.00	68.35 4.10 0.00	125.58 8.03 -0.96	68.39 4.46 0.00	54.01 3.63 0.00	46.55 3.00 -0.34	41.30 2.44 -4.11	44.49 2.53 -6.48	46.68 2.35 -9.08
BURROWS___LYONSDAL 23803	42.21 0.09 0.00	40.03 0.15 0.00	43.03 0.17 0.00	40.78 0.06 0.00	43.57 0.44 0.00	49.66 0.74 0.00	90.66 1.59 0.00	93.88 2.51 0.00	55.63 2.27 0.00	43.75 1.52 0.00	50.38 1.85 0.00	44.99 0.81 0.00	37.40 0.51 0.00	39.90 0.37 0.00	42.17 0.26 0.00	59.61 0.77 0.00	66.05 1.80 0.00	119.84 3.25 0.00	65.29 1.36 0.00	51.29 0.91 0.00	43.88 0.66 -0.01	35.23 0.33 -0.14	35.96 0.26 -0.23	35.63 0.06 -0.32
CAITHNESS_CC_1 323624	44.76 2.64 0.00	42.04 2.15 0.00	44.92 2.06 0.00	42.36 1.65 0.00	44.51 1.38 0.00	49.99 1.07 0.00	92.48 1.27 -2.14	97.52 1.45 -4.70	54.27 0.91 0.00	43.44 1.21 0.00	50.49 1.96 0.00	46.08 1.89 0.00	38.57 1.68 0.00	41.50 1.96 0.00	45.85 2.07 -1.87	64.80 2.03 -3.92	72.14 2.44 -5.45	128.46 3.96 -7.92	128.59 3.30 -61.36	53.32 2.94 0.00	45.97 2.33 -0.43	41.06 2.10 -4.21	44.35 2.38 -6.49	46.60 2.27 -9.08
CALPINE BETH_PAGE_GT4 24209	44.75 2.64 0.00	42.08 2.19 0.00	44.98 2.11 0.00	42.53 1.81 0.00	44.76 1.63 0.00	50.37 1.45 0.00	91.32 2.25 0.00	94.07 2.70 0.00	55.10 1.74 0.00	43.96 1.73 0.00	50.98 2.45 0.00	46.66 2.48 0.00	39.02 2.13 0.00	42.02 2.49 0.00	46.26 2.49 -1.87	61.47 2.62 0.00	67.00 2.75 0.00	122.47 5.08 -0.80	126.98 3.62 -59.43	53.51 3.13 0.00	46.08 2.52 -0.34	41.18 2.21 -4.22	44.49 2.52 -6.49	46.67 2.33 -9.08
CALPINE_BETH_PAGE_GT_4 323586	44.76 2.64 0.00	42.08 2.19 0.00	44.98 2.11 0.00	42.53 1.81 0.00	44.76 1.63 0.00	50.37 1.45 0.00	91.31 2.24 0.00	94.09 2.71 0.00	55.10 1.74 0.00	43.96 1.73 0.00	50.98 2.45 0.00	46.66 2.48 0.00	39.02 2.13 0.00	42.02 2.49 0.00	46.26 2.49 -1.87	61.47 2.62 0.00	67.00 2.76 0.00	122.49 5.10 -0.80	126.98 3.62 -59.43	53.51 3.13 0.00	46.07 2.52 -0.34	41.19 2.21 -4.22	44.49 2.52 -6.49	46.67 2.33 -9.08
CALPINE_BP_GT1 23823	44.76 2.64 0.00	42.08 2.19 0.00	44.98 2.11 0.00	42.53 1.81 0.00	44.76 1.63 0.00	50.37 1.45 0.00	91.31 2.24 0.00	94.09 2.71 0.00	55.10 1.74 0.00	43.96 1.73 0.00	50.98 2.45 0.00	46.66 2.48 0.00	39.02 2.13 0.00	42.02 2.49 0.00	46.26 2.49 -1.87	61.47 2.62 0.00	67.00 2.76 0.00	122.49 5.10 -0.80	126.98 3.62 -59.43	53.51 3.13 0.00	46.07 2.52 -0.34	41.19 2.21 -4.22	44.49 2.52 -6.49	46.67 2.33 -9.08
CALSPAN___DRP 24200	41.10 -1.02 0.00	38.91 -0.98 0.00	42.61 -0.25 0.00	40.97 0.25 0.00	43.72 0.60 0.00	49.48 0.56 0.00	88.84 -0.23 0.00	90.66 -0.71 0.00	52.69 -0.66 0.00	41.83 -0.41 0.00	48.80 0.27 0.00	43.86 -0.33 0.00	36.21 -0.69 0.00	38.75 -0.78 0.00	41.00 -0.91 0.00	57.99 -0.86 0.00	63.20 -1.04 0.00	114.31 -2.28 0.00	62.44 -1.49 0.00	48.61 -1.77 0.00	40.92 -2.35 -0.06	33.20 -2.25 -0.69	34.53 -2.04 -1.10	35.43 -1.36 -1.53

CALVERTON___SOLAR 323806	44.89 2.78 0.00	42.15 2.27 0.00	45.06 2.20 0.00	42.47 1.76 0.00	44.63 1.50 0.00	50.14 1.22 0.00	92.71 1.62 -2.03	97.61 1.79 -4.45	54.42 1.07 0.00	43.51 1.28 0.00	50.57 2.04 0.00	46.15 1.97 0.00	38.65 1.76 0.00	41.56 2.02 0.00	46.00 2.23 -1.87	64.82 2.26 -3.71	72.36 2.96 -5.16	129.09 5.00 -7.50	128.61 3.86 -60.82	53.65 3.27 0.00	46.19 2.55 -0.43	41.24 2.28 -4.21	44.52 2.55 -6.49	46.77 2.43 -9.08
CANDIGU_WT_PWR 323617	39.68 -2.43 0.00	37.79 -2.10 0.00	41.11 -1.75 0.00	39.53 -1.19 0.00	42.31 -0.82 0.00	48.26 -0.65 0.00	87.88 -1.19 0.00	90.14 -1.23 0.00	52.38 -0.97 0.00	41.21 -1.02 0.00	48.03 -0.50 0.00	43.27 -0.91 0.00	35.79 -1.10 0.00	38.59 -0.94 0.00	41.05 -0.86 0.00	58.36 -0.48 0.00	63.85 -0.40 0.00	115.24 -1.35 0.00	62.91 -1.02 0.00	48.82 -1.56 0.00	41.03 -2.26 -0.08	33.38 -2.33 -0.96	34.65 -2.35 -1.51	35.29 -2.09 -2.12
CARR STREET_E_SYR 24060	41.19 -0.93 0.00	38.98 -0.90 0.00	41.98 -0.88 0.00	39.98 -0.74 0.00	42.40 -0.72 0.00	48.07 -0.85 0.00	87.40 -1.67 0.00	89.68 -1.69 0.00	52.29 -1.07 0.00	41.25 -0.98 0.00	47.56 -0.97 0.00	43.13 -1.06 0.00	35.90 -0.99 0.00	38.56 -0.97 0.00	40.97 -0.93 0.00	57.74 -1.11 0.00	63.14 -1.11 0.00	114.54 -2.05 0.00	62.83 -1.10 0.00	49.41 -0.97 0.00	42.25 -1.00 -0.03	34.33 -0.83 -0.40	35.24 -0.87 -0.63	35.32 -0.82 -0.89
CARTHAGE___PAPER 23857	41.87 -0.25 0.00	39.73 -0.16 0.00	42.59 -0.27 0.00	40.33 -0.39 0.00	43.27 0.14 0.00	49.43 0.51 0.00	90.26 1.19 0.00	94.04 2.66 0.00	55.36 2.00 0.00	43.31 1.08 0.00	50.08 1.54 0.00	44.72 0.53 0.00	37.04 0.15 0.00	39.40 -0.14 0.00	41.50 -0.40 0.00	58.94 0.09 0.00	66.16 1.91 0.00	120.19 3.60 0.00	65.12 1.19 0.00	51.18 0.81 0.00	43.73 0.51 -0.02	35.09 0.13 -0.20	35.77 -0.03 -0.32	35.38 -0.32 -0.44
CASSADAGA_WT_PWR 323784	40.60 -1.52 0.00	38.51 -1.38 0.00	42.23 -0.63 0.00	41.16 0.45 0.00	44.18 1.05 0.00	50.30 1.38 0.00	90.68 1.61 0.00	93.23 1.85 0.00	54.03 0.68 0.00	42.69 0.45 0.00	49.87 1.34 0.00	44.68 0.50 0.00	36.83 -0.06 0.00	39.63 0.10 0.00	41.91 0.00 0.00	59.54 0.69 0.00	64.49 0.25 0.00	114.56 -2.02 0.00	61.75 -2.18 0.00	47.50 -2.88 0.00	39.83 -3.44 -0.06	32.35 -3.15 -0.74	33.47 -3.18 -1.17	34.26 -2.63 -1.64
CE_DUNWOOD___DRP 24194	44.12 2.00 0.00	41.66 1.77 0.00	44.59 1.73 0.00	42.31 1.59 0.00	44.70 1.57 0.00	50.79 1.87 0.00	92.49 3.42 0.00	95.11 3.73 0.00	55.53 2.17 0.00	44.12 1.88 0.00	50.81 2.28 0.00	46.43 2.25 0.00	38.81 1.92 0.00	41.67 2.14 0.00	46.18 2.27 -2.02	61.58 2.73 0.00	67.11 2.87 0.00	122.29 5.71 0.00	67.15 3.22 0.00	53.05 2.67 0.00	45.77 2.22 -0.34	40.68 1.83 -4.10	43.88 1.93 -6.47	46.10 1.78 -9.06
CE_MILLWOOD___DRP 24193	44.04 1.92 0.00	41.59 1.70 0.00	44.51 1.65 0.00	42.24 1.52 0.00	44.64 1.51 0.00	50.72 1.80 0.00	92.38 3.31 0.00	94.94 3.57 0.00	55.42 2.06 0.00	44.03 1.80 0.00	50.71 2.17 0.00	46.33 2.15 0.00	38.72 1.83 0.00	41.57 2.04 0.00	46.17 2.15 -2.11	61.44 2.59 0.00	66.97 2.73 0.00	122.02 5.44 0.00	67.01 3.08 0.00	52.93 2.55 0.00	45.68 2.13 -0.34	40.60 1.76 -4.09	43.78 1.85 -6.45	46.00 1.71 -9.03
CE_NYC2_DRP 24202	44.36 2.24 0.00	41.86 1.97 0.00	44.77 1.91 0.00	42.48 1.76 0.00	44.87 1.74 0.00	51.03 2.11 0.00	92.93 3.86 0.00	95.71 4.33 0.00	55.97 2.61 0.00	44.49 2.26 0.00	51.29 2.76 0.00	46.92 2.74 0.00	39.26 2.36 0.00	42.14 2.60 0.00	46.64 2.75 -1.98	62.20 3.35 0.00	67.67 3.42 0.00	124.42 6.88 -0.95	67.70 3.77 0.00	53.51 3.13 0.00	46.13 2.58 -0.34	40.99 2.13 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
CE_NYC_DRP 24195	44.33 2.22 0.00	41.84 1.96 0.00	44.76 1.90 0.00	42.46 1.74 0.00	44.84 1.71 0.00	51.03 2.10 0.00	92.98 3.92 0.00	95.77 4.40 0.00	55.98 2.62 0.00	44.51 2.27 0.00	51.28 2.75 0.00	46.89 2.70 0.00	39.22 2.32 0.00	42.12 2.58 0.00	46.58 2.73 -1.94	62.20 3.36 0.00	67.75 3.49 0.00	124.01 6.87 -0.55	67.76 3.83 0.00	53.50 3.12 0.00	46.12 2.57 -0.34	40.96 2.10 -4.11	44.15 2.19 -6.48	46.34 2.00 -9.08
CHAFFEE___LFGE 323603	41.29 -0.83 0.00	39.09 -0.80 0.00	42.78 -0.08 0.00	41.12 0.40 0.00	43.87 0.74 0.00	49.66 0.74 0.00	89.26 0.20 0.00	91.16 -0.21 0.00	52.97 -0.38 0.00	42.02 -0.22 0.00	49.00 0.47 0.00	43.96 -0.23 0.00	36.11 -0.78 0.00	38.67 -0.87 0.00	40.89 -1.02 0.00	57.87 -0.98 0.00	63.06 -1.18 0.00	114.02 -2.57 0.00	62.36 -1.57 0.00	48.92 -1.46 0.00	41.23 -2.04 -0.06	33.46 -2.02 -0.72	34.80 -1.82 -1.14	35.67 -1.18 -1.60
CHATEAUG_35_KV_LOAD 355732	44.26 2.14 0.00	41.92 2.04 0.00	44.29 1.43 0.00	41.60 0.89 0.00	44.16 1.03 0.00	50.37 1.44 0.00	92.55 3.48 0.00	95.40 4.03 0.00	55.46 2.11 0.00	43.44 1.21 0.00	49.94 1.41 0.00	45.28 1.09 0.00	37.39 0.49 0.00	39.73 0.20 0.00	41.84 -0.07 0.00	59.27 0.42 0.00	65.28 1.04 0.00	117.44 0.86 0.00	63.60 -0.33 0.00	50.63 0.25 0.00	44.41 1.20 0.00	35.21 0.45 0.00	35.49 0.01 0.00	34.72 -0.53 0.00
CHATEAUG_WT_PWR 323614	44.13 2.01 0.00	41.78 1.89 0.00	44.18 1.32 0.00	41.52 0.80 0.00	44.06 0.93 0.00	50.24 1.32 0.00	92.26 3.19 0.00	95.05 3.68 0.00	55.23 1.88 0.00	43.31 1.08 0.00	49.82 1.29 0.00	45.19 1.01 0.00	37.35 0.46 0.00	39.73 0.19 0.00	41.80 -0.10 0.00	59.18 0.33 0.00	65.13 0.89 0.00	117.12 0.53 0.00	63.47 -0.46 0.00	50.52 0.14 0.00	44.24 1.03 0.00	35.13 0.38 0.00	35.44 -0.04 0.00	34.69 -0.57 0.00
CHAT_HIGH_FALL_HYD 323578	44.26 2.14 0.00	41.92 2.04 0.00	44.29 1.43 0.00	41.60 0.89 0.00	44.16 1.03 0.00	50.37 1.44 0.00	92.55 3.48 0.00	95.40 4.03 0.00	55.46 2.11 0.00	43.44 1.21 0.00	49.94 1.41 0.00	45.28 1.09 0.00	37.39 0.49 0.00	39.73 0.20 0.00	41.84 -0.07 0.00	59.27 0.42 0.00	65.28 1.04 0.00	117.44 0.86 0.00	63.60 -0.33 0.00	50.63 0.25 0.00	44.41 1.20 0.00	35.21 0.45 0.00	35.49 0.01 0.00	34.72 -0.53 0.00
CHAUTAUQUA___LFGE 323629	40.67 -1.45 0.00	38.56 -1.33 0.00	42.21 -0.65 0.00	40.89 0.18 0.00	43.80 0.67 0.00	49.74 0.82 0.00	89.56 0.50 0.00	91.71 0.34 0.00	53.13 -0.23 0.00	42.00 -0.23 0.00	49.10 0.57 0.00	44.04 -0.14 0.00	36.35 -0.54 0.00	39.10 -0.44 0.00	41.33 -0.58 0.00	58.62 -0.23 0.00	63.70 -0.55 0.00	114.16 -2.43 0.00	62.00 -1.93 0.00	48.07 -2.31 0.00	40.38 -2.89 -0.06	32.77 -2.71 -0.72	34.00 -2.62 -1.14	34.82 -2.03 -1.60
CHERRYST_13_KV_LD 356241	44.45 2.33 0.00	41.95 2.06 0.00	44.88 2.02 0.00	42.57 1.86 0.00	44.96 1.83 0.00	51.17 2.25 0.00	93.26 4.19 0.00	96.09 4.72 0.00	56.16 2.80 0.00	44.67 2.43 0.00	51.45 2.91 0.00	47.05 2.86 0.00	39.36 2.46 0.00	42.26 2.73 0.00	46.74 2.89 -1.94	62.43 3.58 0.00	67.98 3.73 0.00	124.40 7.27 -0.55	67.96 4.03 0.00	53.67 3.29 0.00	46.25 2.70 -0.34	41.07 2.20 -4.11	44.25 2.29 -6.48	46.44 2.10 -9.08

CHESTROR_138KV_BK263 355645	43.76 1.64 0.00	41.35 1.46 0.00	44.29 1.43 0.00	42.06 1.34 0.00	44.46 1.33 0.00	50.52 1.60 0.00	92.02 2.96 0.00	94.56 3.19 0.00	55.15 1.79 0.00	43.76 1.53 0.00	50.32 1.79 0.00	45.93 1.75 0.00	38.38 1.49 0.00	41.18 1.64 0.00	41.54 1.74 2.10	61.00 2.15 0.00	66.56 2.32 0.00	121.31 4.73 0.00	66.59 2.66 0.00	52.58 2.19 0.00	45.37 1.84 -0.32	40.08 1.50 -3.82	43.10 1.58 -6.04	45.17 1.46 -8.45
CH_MIDHUDSON___DRP 24192	44.02 1.89 0.00	41.58 1.70 0.00	44.55 1.69 0.00	42.29 1.57 0.00	44.69 1.56 0.00	50.76 1.84 0.00	92.48 3.42 0.00	95.07 3.70 0.00	55.51 2.15 0.00	44.01 1.78 0.00	50.63 2.10 0.00	46.19 2.01 0.00	38.61 1.72 0.00	41.47 1.94 0.00	43.99 2.09 0.00	61.47 2.62 0.00	67.02 2.77 0.00	122.05 5.46 0.00	67.05 3.12 0.00	52.95 2.57 0.00	45.73 2.17 -0.35	40.70 1.77 -4.18	43.90 1.83 -6.60	46.21 1.71 -9.24
CH_MISC_IPPS 23765	44.26 2.14 0.00	41.82 1.93 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.95 1.82 0.00	51.09 2.17 0.00	93.11 4.04 0.00	95.75 4.37 0.00	55.85 2.50 0.00	44.27 2.04 0.00	50.93 2.40 0.00	46.44 2.26 0.00	38.81 1.92 0.00	41.68 2.14 0.00	44.24 2.33 0.00	61.85 3.01 0.00	67.48 3.23 0.00	122.95 6.37 0.00	67.54 3.61 0.00	53.31 2.93 0.00	46.03 2.48 -0.34	40.86 2.00 -4.10	44.01 2.05 -6.48	46.25 1.92 -9.07
CH_RES_BVR_FALLS 23983	42.46 0.34 0.00	40.21 0.32 0.00	43.05 0.19 0.00	40.81 0.09 0.00	43.26 0.13 0.00	49.13 0.21 0.00	89.58 0.51 0.00	91.97 0.60 0.00	53.65 0.29 0.00	42.39 0.16 0.00	48.73 0.20 0.00	44.30 0.12 0.00	36.91 0.01 0.00	39.48 -0.06 0.00	41.80 -0.11 0.00	58.81 -0.04 0.00	64.32 0.07 0.00	116.51 -0.08 0.00	63.73 -0.20 0.00	50.33 -0.05 0.00	43.36 0.15 0.00	34.78 0.02 0.00	35.44 -0.04 0.00	35.13 -0.12 0.00
CH_RES_NIAGARA 23895	40.50 -1.62 0.00	38.30 -1.59 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.13 -2.94 0.00	87.37 -4.00 0.00	50.71 -2.65 0.00	40.40 -1.83 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.65 -2.25 0.00	55.99 -2.86 0.00	60.80 -3.45 0.00	109.67 -6.92 0.00	59.95 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.17 -3.22 -0.63	33.47 -3.00 -0.99	34.54 -2.11 -1.39
CH_RES_SYRACUSE 23985	41.44 -0.68 0.00	39.22 -0.66 0.00	42.20 -0.66 0.00	40.18 -0.54 0.00	42.65 -0.48 0.00	48.41 -0.51 0.00	88.20 -0.87 0.00	90.51 -0.86 0.00	52.72 -0.64 0.00	41.59 -0.65 0.00	47.93 -0.60 0.00	43.44 -0.74 0.00	36.15 -0.75 0.00	38.82 -0.71 0.00	41.27 -0.64 0.00	58.19 -0.65 0.00	63.68 -0.57 0.00	115.62 -0.97 0.00	63.38 -0.55 0.00	49.85 -0.53 0.00	42.64 -0.60 -0.04	34.67 -0.52 -0.43	35.59 -0.57 -0.69	35.67 -0.55 -0.96
CLINTON_WT_PWR 323605	44.13 2.01 0.00	41.78 1.89 0.00	44.18 1.32 0.00	41.52 0.80 0.00	44.06 0.93 0.00	50.24 1.32 0.00	92.26 3.19 0.00	95.05 3.68 0.00	55.23 1.88 0.00	43.31 1.08 0.00	49.82 1.29 0.00	45.19 1.01 0.00	37.35 0.46 0.00	39.73 0.19 0.00	41.80 -0.10 0.00	59.18 0.33 0.00	65.13 0.89 0.00	117.12 0.53 0.00	63.47 -0.46 0.00	50.52 0.14 0.00	44.24 1.03 0.00	35.13 0.38 0.00	35.44 -0.04 0.00	34.69 -0.57 0.00
CLINTON___LFGE 323618	44.80 2.68 0.00	42.38 2.49 0.00	44.83 1.96 0.00	42.17 1.45 0.00	44.75 1.62 0.00	51.03 2.11 0.00	93.90 4.83 0.00	96.84 5.47 0.00	56.42 3.07 0.00	44.03 1.80 0.00	50.62 2.09 0.00	45.92 1.73 0.00	37.97 1.08 0.00	40.38 0.84 0.00	42.49 0.58 0.00	60.17 1.32 0.00	66.29 2.04 0.00	119.40 2.82 0.00	64.78 0.85 0.00	51.51 1.13 0.00	45.05 1.84 0.00	35.77 1.01 0.00	36.04 0.56 0.00	35.25 -0.01 0.00
COBBLENY_34_KV_TB1 80064	41.28 -0.83 0.00	39.09 -0.80 0.00	42.79 -0.07 0.00	41.12 0.40 0.00	43.87 0.74 0.00	49.66 0.75 0.00	89.26 0.20 0.00	91.18 -0.20 0.00	52.98 -0.38 0.00	42.02 -0.21 0.00	49.00 0.47 0.00	43.95 -0.24 0.00	36.11 -0.78 0.00	38.67 -0.87 0.00	40.89 -1.02 0.00	57.87 -0.98 0.00	63.06 -1.18 0.00	114.04 -2.54 0.00	62.37 -1.56 0.00	48.92 -1.46 0.00	41.24 -2.03 -0.06	33.46 -2.02 -0.72	34.80 -1.82 -1.14	35.67 -1.19 -1.60
COFFEEN___115KV_TB3 355620	41.38 -0.74 0.00	39.25 -0.64 0.00	42.14 -0.72 0.00	39.98 -0.74 0.00	42.93 -0.20 0.00	49.10 0.18 0.00	89.66 0.59 0.00	93.51 2.14 0.00	54.95 1.59 0.00	42.95 0.72 0.00	49.65 1.12 0.00	44.30 0.12 0.00	36.69 -0.20 0.00	39.08 -0.46 0.00	41.16 -0.75 0.00	58.67 -0.18 0.00	66.06 1.81 0.00	120.30 3.71 0.00	65.20 1.27 0.00	51.17 0.79 0.00	43.55 0.32 -0.02	34.92 -0.07 -0.23	35.58 -0.26 -0.36	35.23 -0.53 -0.51
COLDSPRG_115KV_BK1 355956	41.55 -0.56 0.00	39.43 -0.45 0.00	43.08 0.21 0.00	41.67 0.96 0.00	44.59 1.46 0.00	50.63 1.71 0.00	91.21 2.15 0.00	93.70 2.33 0.00	54.35 0.99 0.00	43.02 0.78 0.00	50.28 1.75 0.00	45.09 0.90 0.00	37.28 0.38 0.00	40.13 0.59 0.00	42.42 0.52 0.00	60.15 1.30 0.00	65.23 0.98 0.00	116.58 -0.01 0.00	63.26 -0.67 0.00	49.07 -1.31 0.00	41.32 -1.95 -0.06	33.63 -1.89 -0.77	34.86 -1.84 -1.21	35.62 -1.33 -1.70
COLONIE_LFGE___ 323577	43.72 1.60 0.00	41.40 1.51 0.00	44.45 1.59 0.00	42.14 1.42 0.00	44.60 1.47 0.00	50.60 1.67 0.00	92.17 3.11 0.00	94.36 2.99 0.00	55.19 1.84 0.00	43.58 1.35 0.00	49.72 1.19 0.00	45.55 1.36 0.00	38.09 1.19 0.00	40.86 1.32 0.00	43.42 1.52 0.00	60.95 2.10 0.00	66.51 2.26 0.00	120.70 4.12 0.00	66.15 2.23 0.00	52.12 1.74 0.00	45.31 1.68 -0.42	41.24 1.40 -5.08	44.92 1.43 -8.01	48.00 1.52 -11.22
COOPERNY_115KV_TB1 80082	43.34 1.23 0.00	40.99 1.10 0.00	43.97 1.11 0.00	41.75 1.04 0.00	44.17 1.04 0.00	50.15 1.24 0.00	91.35 2.28 0.00	93.82 2.45 0.00	54.76 1.40 0.00	43.50 1.27 0.00	50.01 1.48 0.00	45.60 1.41 0.00	38.10 1.20 0.00	40.80 1.27 0.00	42.23 1.31 0.99	60.46 1.61 0.00	65.97 1.72 0.00	120.06 3.48 0.00	65.92 1.99 0.00	52.01 1.63 0.00	44.82 1.35 -0.26	38.98 1.11 -3.12	41.57 1.17 -4.92	43.23 1.08 -6.89
COPENHAGEN_WT_PWR 323753	40.81 -1.30 0.00	38.74 -1.14 0.00	41.61 -1.25 0.00	39.51 -1.21 0.00	42.49 -0.64 0.00	48.63 -0.29 0.00	88.56 -0.51 0.00	92.56 1.19 0.00	54.46 1.11 0.00	42.60 0.37 0.00	49.30 0.76 0.00	44.04 -0.15 0.00	36.47 -0.43 0.00	38.81 -0.73 0.00	40.94 -0.97 0.00	58.31 -0.54 0.00	65.50 1.26 0.00	119.19 2.61 0.00	64.45 0.52 0.00	50.58 0.20 0.00	42.95 -0.27 -0.02	34.43 -0.56 -0.24	35.16 -0.69 -0.37	34.84 -0.94 -0.52
CORNELL_____ 23752	42.26 0.14 0.00	40.00 0.11 0.00	43.00 0.14 0.00	41.03 0.31 0.00	43.59 0.46 0.00	49.57 0.65 0.00	90.47 1.40 0.00	93.06 1.69 0.00	54.04 0.68 0.00	42.38 0.15 0.00	48.88 0.34 0.00	43.98 -0.21 0.00	36.34 -0.55 0.00	39.19 -0.35 0.00	41.86 -0.05 0.00	59.49 0.64 0.00	65.48 1.23 0.00	118.99 2.41 0.00	65.29 1.36 0.00	51.27 0.89 0.00	43.77 0.48 -0.08	35.95 0.21 -0.98	37.16 0.13 -1.55	37.56 0.13 -2.17

CORONA_69_KV_TB1 355595	44.87 2.75 0.00	42.22 2.33 0.00	45.13 2.27 0.00	42.71 2.00 0.00	44.97 1.84 0.00	50.87 1.94 0.00	92.25 3.18 0.00	94.98 3.61 0.00	55.58 2.22 0.00	44.37 2.14 0.00	51.39 2.86 0.00	46.92 2.73 0.00	39.22 2.33 0.00	42.22 2.68 0.00	46.49 2.72 -1.87	61.96 3.11 0.00	67.50 3.26 0.00	123.79 6.14 -1.06	146.85 4.04 -78.87	53.80 3.42 0.00	46.35 2.80 -0.34	41.45 2.44 -4.25	44.57 2.60 -6.50	46.75 2.41 -9.08
CORTLAND_115KV_TB3 80093	41.97 -0.15 0.00	39.75 -0.13 0.00	42.78 -0.08 0.00	40.76 0.04 0.00	43.29 0.16 0.00	49.15 0.23 0.00	89.64 0.57 0.00	92.08 0.71 0.00	53.50 0.14 0.00	41.99 -0.24 0.00	48.51 -0.02 0.00	43.86 -0.32 0.00	36.39 -0.50 0.00	39.27 -0.27 0.00	41.84 -0.06 0.00	59.14 0.30 0.00	64.82 0.57 0.00	117.60 1.02 0.00	64.53 0.60 0.00	50.74 0.36 0.00	43.36 0.09 -0.07	35.49 -0.05 -0.79	36.63 -0.09 -1.24	36.93 -0.07 -1.74
COXSACKIE___GT 23611	44.89 2.77 0.00	42.56 2.67 0.00	45.66 2.80 0.00	43.37 2.65 0.00	45.91 2.78 0.00	52.14 3.22 0.00	95.43 6.36 0.00	98.11 6.73 0.00	56.83 3.47 0.00	44.09 1.86 0.00	50.03 1.50 0.00	45.96 1.78 0.00	38.35 1.45 0.00	41.01 1.48 0.00	43.76 1.85 0.00	62.17 3.32 0.00	68.97 4.72 0.00	124.95 8.37 0.00	68.98 5.06 0.00	54.31 3.93 0.00	46.98 3.37 -0.40	42.07 2.54 -4.77	45.44 2.42 -7.53	48.19 2.38 -10.55
CPV_VALLEY___CC1 323721	43.59 1.48 0.00	41.20 1.31 0.00	44.15 1.29 0.00	41.92 1.20 0.00	44.33 1.19 0.00	50.34 1.42 0.00	91.69 2.63 0.00	94.18 2.82 0.00	54.95 1.59 0.00	43.63 1.40 0.00	50.19 1.66 0.00	45.83 1.64 0.00	38.29 1.40 0.00	41.06 1.53 0.00	42.11 1.58 1.38	60.77 1.92 0.00	66.29 2.04 0.00	120.73 4.15 0.00	66.29 2.36 0.00	52.32 1.94 0.00	45.14 1.63 -0.30	39.66 1.33 -3.57	42.53 1.42 -5.63	44.45 1.31 -7.89
CPV_VALLEY___CC2 323722	43.59 1.48 0.00	41.20 1.31 0.00	44.15 1.29 0.00	41.92 1.20 0.00	44.33 1.19 0.00	50.34 1.42 0.00	91.69 2.63 0.00	94.18 2.82 0.00	54.95 1.59 0.00	43.63 1.40 0.00	50.19 1.66 0.00	45.83 1.64 0.00	38.29 1.40 0.00	41.06 1.53 0.00	42.11 1.58 1.38	60.77 1.92 0.00	66.29 2.04 0.00	120.73 4.15 0.00	66.29 2.36 0.00	52.32 1.94 0.00	45.14 1.63 -0.30	39.66 1.33 -3.57	42.53 1.42 -5.63	44.45 1.31 -7.89
CRESCENT___HYD 24018	43.72 1.60 0.00	41.40 1.51 0.00	44.45 1.59 0.00	42.14 1.42 0.00	44.60 1.47 0.00	50.60 1.67 0.00	92.17 3.11 0.00	94.36 2.99 0.00	55.19 1.84 0.00	43.58 1.35 0.00	49.72 1.19 0.00	45.55 1.36 0.00	38.09 1.19 0.00	40.86 1.32 0.00	43.42 1.52 0.00	60.95 2.10 0.00	66.51 2.26 0.00	120.70 4.12 0.00	66.15 2.23 0.00	52.12 1.74 0.00	45.31 1.68 -0.42	41.24 1.40 -5.08	44.92 1.43 -8.01	48.00 1.52 -11.22
CRICKET___VALLEY_CC1 323756	43.44 1.33 0.00	41.04 1.16 0.00	43.96 1.10 0.00	41.70 0.99 0.00	44.07 0.94 0.00	50.05 1.13 0.00	91.07 2.01 0.00	93.59 2.22 0.00	54.70 1.34 0.00	43.43 1.20 0.00	49.95 1.42 0.00	45.56 1.38 0.00	38.07 1.18 0.00	40.92 1.38 0.00	44.13 1.50 -0.72	60.60 1.75 0.00	66.05 1.80 0.00	120.21 3.63 0.00	66.09 2.16 0.00	52.21 1.83 0.00	45.13 1.56 -0.36	40.34 1.27 -4.32	43.62 1.33 -6.81	46.06 1.27 -9.54
CRICKET___VALLEY_CC2 323757	43.44 1.33 0.00	41.04 1.16 0.00	43.96 1.10 0.00	41.70 0.99 0.00	44.07 0.94 0.00	50.05 1.13 0.00	91.07 2.01 0.00	93.59 2.22 0.00	54.70 1.34 0.00	43.43 1.20 0.00	49.95 1.42 0.00	45.56 1.38 0.00	38.07 1.18 0.00	40.92 1.38 0.00	44.13 1.50 -0.72	60.60 1.75 0.00	66.05 1.80 0.00	120.21 3.63 0.00	66.09 2.16 0.00	52.21 1.83 0.00	45.13 1.56 -0.36	40.34 1.27 -4.32	43.62 1.33 -6.81	46.06 1.27 -9.54
CRICKET___VALLEY_CC3 323758	43.44 1.33 0.00	41.04 1.16 0.00	43.96 1.10 0.00	41.70 0.99 0.00	44.07 0.94 0.00	50.05 1.13 0.00	91.07 2.01 0.00	93.59 2.22 0.00	54.70 1.34 0.00	43.43 1.20 0.00	49.95 1.42 0.00	45.56 1.38 0.00	38.07 1.18 0.00	40.92 1.38 0.00	44.13 1.50 -0.72	60.60 1.75 0.00	66.05 1.80 0.00	120.21 3.63 0.00	66.09 2.16 0.00	52.21 1.83 0.00	45.13 1.56 -0.36	40.34 1.27 -4.32	43.62 1.33 -6.81	46.06 1.27 -9.54
CRUCIBLE_METL_DRP 24180	41.44 -0.68 0.00	39.22 -0.66 0.00	42.20 -0.67 0.00	40.18 -0.54 0.00	42.65 -0.48 0.00	48.41 -0.51 0.00	88.19 -0.87 0.00	90.52 -0.85 0.00	52.72 -0.64 0.00	41.59 -0.64 0.00	47.94 -0.60 0.00	43.44 -0.74 0.00	36.15 -0.74 0.00	38.83 -0.71 0.00	41.27 -0.64 0.00	58.19 -0.66 0.00	63.68 -0.57 0.00	115.62 -0.97 0.00	63.38 -0.55 0.00	49.85 -0.54 0.00	42.64 -0.60 -0.04	34.67 -0.52 -0.43	35.60 -0.57 -0.69	35.66 -0.55 -0.96
DAHOWA___HYDRO 323763	44.76 2.64 0.00	42.34 2.45 0.00	45.46 2.60 0.00	43.12 2.40 0.00	45.70 2.57 0.00	52.01 3.09 0.00	95.09 6.02 0.00	97.19 5.82 0.00	56.67 3.32 0.00	44.47 2.24 0.00	50.78 2.24 0.00	46.61 2.43 0.00	38.84 1.95 0.00	41.47 1.93 0.00	44.35 2.45 0.00	62.46 3.62 0.00	68.40 4.15 0.00	123.75 7.16 0.00	67.61 3.68 0.00	53.01 2.63 0.00	46.49 2.85 -0.43	42.24 2.32 -5.16	45.97 2.34 -8.15	49.10 2.43 -11.41
DANC___LFGE 323619	40.85 -1.27 0.00	38.73 -1.16 0.00	41.63 -1.23 0.00	39.56 -1.15 0.00	42.29 -0.84 0.00	48.25 -0.67 0.00	87.83 -1.24 0.00	91.15 -0.23 0.00	53.46 0.10 0.00	41.99 -0.24 0.00	48.49 -0.04 0.00	43.57 -0.62 0.00	36.14 -0.75 0.00	38.57 -0.96 0.00	40.80 -1.11 0.00	57.87 -0.97 0.00	64.34 0.09 0.00	117.03 0.44 0.00	63.62 -0.30 0.00	49.98 -0.40 0.00	42.57 -0.67 -0.02	34.31 -0.72 -0.27	35.09 -0.82 -0.43	34.91 -0.95 -0.61
DANSKAMMER___1 23586	44.26 2.14 0.00	41.82 1.93 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.95 1.82 0.00	51.09 2.17 0.00	93.11 4.04 0.00	95.75 4.37 0.00	55.85 2.50 0.00	44.27 2.04 0.00	50.93 2.40 0.00	46.44 2.26 0.00	38.81 1.92 0.00	41.68 2.14 0.00	44.24 2.33 0.00	61.85 3.01 0.00	67.48 3.23 0.00	122.95 6.37 0.00	67.54 3.61 0.00	53.31 2.93 0.00	46.03 2.48 -0.34	40.86 2.00 -4.10	44.01 2.05 -6.48	46.25 1.92 -9.07
DANSKAMMER___2 23589	44.26 2.14 0.00	41.82 1.93 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.95 1.82 0.00	51.09 2.17 0.00	93.11 4.04 0.00	95.75 4.37 0.00	55.85 2.50 0.00	44.27 2.04 0.00	50.93 2.40 0.00	46.44 2.26 0.00	38.81 1.92 0.00	41.68 2.14 0.00	44.24 2.33 0.00	61.85 3.01 0.00	67.48 3.23 0.00	122.95 6.37 0.00	67.54 3.61 0.00	53.31 2.93 0.00	46.03 2.48 -0.34	40.86 2.00 -4.10	44.01 2.05 -6.48	46.25 1.92 -9.07
DANSKAMMER___3 23590	44.26 2.14 0.00	41.82 1.93 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.95 1.82 0.00	51.09 2.17 0.00	93.11 4.04 0.00	95.75 4.37 0.00	55.85 2.50 0.00	44.27 2.04 0.00	50.93 2.40 0.00	46.44 2.26 0.00	38.81 1.92 0.00	41.68 2.14 0.00	44.24 2.33 0.00	61.85 3.01 0.00	67.48 3.23 0.00	122.95 6.37 0.00	67.54 3.61 0.00	53.31 2.93 0.00	46.03 2.48 -0.34	40.86 2.00 -4.10	44.01 2.05 -6.48	46.25 1.92 -9.07

DANSKAMMER___4 23591	44.26 2.14 0.00	41.82 1.93 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.95 1.82 0.00	51.09 2.17 0.00	93.11 4.04 0.00	95.75 4.37 0.00	55.85 2.50 0.00	44.27 2.04 0.00	50.93 2.40 0.00	46.44 2.26 0.00	38.81 1.92 0.00	41.68 2.14 0.00	44.24 2.33 0.00	61.85 3.01 0.00	67.48 3.23 0.00	122.95 6.37 0.00	67.54 3.61 0.00	53.31 2.93 0.00	46.03 2.48 -0.34	40.86 2.00 -4.10	44.01 2.05 -6.48	46.25 1.92 -9.07
DANSKAMMER___DIESEL 23592	44.26 2.14 0.00	41.82 1.93 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.95 1.82 0.00	51.08 2.16 0.00	93.11 4.04 0.00	95.75 4.37 0.00	55.85 2.49 0.00	44.27 2.04 0.00	50.93 2.40 0.00	46.45 2.26 0.00	38.82 1.92 0.00	41.68 2.15 0.00	44.24 2.33 0.00	61.85 3.01 0.00	67.48 3.23 0.00	122.96 6.37 0.00	67.54 3.61 0.00	53.31 2.93 0.00	46.03 2.48 -0.34	40.86 2.00 -4.10	44.01 2.06 -6.48	46.25 1.92 -9.07
DARBY___SOLAR 323810	44.53 2.41 0.00	42.13 2.24 0.00	45.23 2.37 0.00	42.91 2.20 0.00	45.48 2.35 0.00	51.70 2.78 0.00	94.47 5.41 0.00	96.56 5.19 0.00	56.32 2.96 0.00	44.23 2.00 0.00	50.53 2.00 0.00	46.34 2.16 0.00	38.64 1.75 0.00	41.27 1.73 0.00	44.10 2.19 0.00	62.10 3.25 0.00	67.98 3.74 0.00	123.04 6.45 0.00	67.25 3.32 0.00	52.78 2.40 0.00	46.21 2.57 -0.43	42.01 2.10 -5.15	45.73 2.13 -8.13	48.86 2.22 -11.39
DASHVILLE___HYD 23610	43.82 1.71 0.00	41.42 1.53 0.00	44.38 1.52 0.00	42.11 1.40 0.00	44.52 1.39 0.00	50.56 1.64 0.00	92.16 3.09 0.00	94.80 3.43 0.00	55.34 1.98 0.00	43.84 1.61 0.00	50.38 1.85 0.00	45.94 1.75 0.00	38.40 1.51 0.00	41.22 1.68 0.00	43.73 1.82 0.00	61.15 2.30 0.00	66.71 2.47 0.00	121.50 4.91 0.00	66.79 2.86 0.00	52.71 2.33 0.00	45.54 1.98 -0.35	40.53 1.56 -4.22	43.73 1.59 -6.66	46.06 1.47 -9.33
DELAWARE___LFGE 323621	42.88 0.76 0.00	40.61 0.72 0.00	43.62 0.77 0.00	41.50 0.78 0.00	43.96 0.83 0.00	49.81 0.89 0.00	90.84 1.77 0.00	93.27 1.89 0.00	54.56 1.20 0.00	43.45 1.22 0.00	49.97 1.43 0.00	45.54 1.36 0.00	38.07 1.18 0.00	40.63 1.09 0.00	42.90 0.99 0.00	60.31 1.46 0.00	65.76 1.51 0.00	119.38 2.80 0.00	65.59 1.66 0.00	51.68 1.31 0.00	44.39 1.03 -0.15	37.31 0.74 -1.81	39.05 0.71 -2.86	39.92 0.65 -4.01
DERFIELD_115KV_TB7 355931	42.29 0.17 0.00	40.04 0.16 0.00	43.03 0.17 0.00	40.88 0.16 0.00	43.30 0.17 0.00	49.11 0.19 0.00	89.44 0.37 0.00	91.81 0.43 0.00	53.62 0.27 0.00	42.43 0.20 0.00	48.73 0.19 0.00	44.36 0.18 0.00	37.07 0.18 0.00	39.71 0.18 0.00	42.11 0.20 0.00	59.13 0.28 0.00	64.50 0.25 0.00	117.05 0.47 0.00	64.18 0.25 0.00	50.58 0.20 0.00	43.38 0.17 0.00	34.90 0.14 0.00	35.64 0.16 0.00	35.41 0.15 0.00
DOGLEVILLE___HYD 23807	45.06 2.94 0.00	42.66 2.78 0.00	45.79 2.93 0.00	43.63 2.91 0.00	46.21 3.08 0.00	52.48 3.56 0.00	95.67 6.60 0.00	98.06 6.69 0.00	56.76 3.40 0.00	44.39 2.16 0.00	50.94 2.41 0.00	46.60 2.41 0.00	38.79 1.90 0.00	41.41 1.87 0.00	44.46 2.55 0.00	63.36 4.52 0.00	69.69 5.45 0.00	126.88 10.29 0.00	69.70 5.77 0.00	54.83 4.45 0.00	47.06 3.85 0.00	37.95 3.19 0.00	38.64 3.16 0.00	38.34 3.08 0.00
DUNKIRK___115KV_TB_200 55889	40.71 -1.41 0.00	38.60 -1.29 0.00	42.21 -0.65 0.00	40.85 0.14 0.00	43.73 0.60 0.00	49.65 0.73 0.00	89.40 0.33 0.00	91.51 0.14 0.00	53.02 -0.34 0.00	41.93 -0.31 0.00	49.01 0.47 0.00	43.97 -0.21 0.00	36.29 -0.60 0.00	39.03 -0.51 0.00	41.27 -0.64 0.00	58.49 -0.35 0.00	63.58 -0.67 0.00	114.06 -2.53 0.00	62.02 -1.91 0.00	48.13 -2.25 0.00	40.46 -2.81 -0.06	32.85 -2.63 -0.72	34.08 -2.54 -1.14	34.91 -1.95 -1.59
DUNKIRK___1 23563	40.71 -1.41 0.00	38.60 -1.29 0.00	42.21 -0.65 0.00	40.85 0.14 0.00	43.73 0.60 0.00	49.65 0.73 0.00	89.40 0.33 0.00	91.51 0.14 0.00	53.02 -0.34 0.00	41.93 -0.31 0.00	49.01 0.47 0.00	43.97 -0.21 0.00	36.29 -0.60 0.00	39.03 -0.51 0.00	41.27 -0.64 0.00	58.49 -0.35 0.00	63.58 -0.67 0.00	114.06 -2.53 0.00	62.02 -1.91 0.00	48.13 -2.25 0.00	40.46 -2.81 -0.06	32.85 -2.63 -0.72	34.08 -2.54 -1.14	34.91 -1.95 -1.59
DUNKIRK___2 23564	40.71 -1.41 0.00	38.60 -1.29 0.00	42.21 -0.65 0.00	40.85 0.14 0.00	43.73 0.60 0.00	49.65 0.73 0.00	89.40 0.33 0.00	91.51 0.14 0.00	53.02 -0.34 0.00	41.93 -0.31 0.00	49.01 0.47 0.00	43.97 -0.21 0.00	36.29 -0.60 0.00	39.03 -0.51 0.00	41.27 -0.64 0.00	58.49 -0.35 0.00	63.58 -0.67 0.00	114.06 -2.53 0.00	62.02 -1.91 0.00	48.13 -2.25 0.00	40.46 -2.81 -0.06	32.85 -2.63 -0.72	34.08 -2.54 -1.14	34.91 -1.95 -1.59
DUNKIRK___3 23565	40.75 -1.36 0.00	38.63 -1.26 0.00	42.22 -0.64 0.00	40.76 0.04 0.00	43.60 0.47 0.00	49.41 0.50 0.00	88.88 -0.18 0.00	90.89 -0.48 0.00	52.71 -0.65 0.00	41.75 -0.48 0.00	48.80 0.27 0.00	43.81 -0.38 0.00	36.18 -0.72 0.00	38.88 -0.66 0.00	41.10 -0.80 0.00	58.18 -0.67 0.00	63.27 -0.98 0.00	113.74 -2.84 0.00	61.98 -1.95 0.00	48.21 -2.17 0.00	40.56 -2.71 -0.06	32.94 -2.54 -0.72	34.22 -2.39 -1.13	35.04 -1.81 -1.58
DUNKIRK___4 23566	40.75 -1.36 0.00	38.63 -1.26 0.00	42.22 -0.64 0.00	40.76 0.04 0.00	43.60 0.47 0.00	49.41 0.50 0.00	88.88 -0.18 0.00	90.89 -0.48 0.00	52.71 -0.65 0.00	41.75 -0.48 0.00	48.80 0.27 0.00	43.81 -0.38 0.00	36.18 -0.72 0.00	38.88 -0.66 0.00	41.10 -0.80 0.00	58.18 -0.67 0.00	63.27 -0.98 0.00	113.74 -2.84 0.00	61.98 -1.95 0.00	48.21 -2.17 0.00	40.56 -2.71 -0.06	32.94 -2.54 -0.72	34.22 -2.39 -1.13	35.04 -1.81 -1.58
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.23 2.11 0.00	41.76 1.87 0.00	44.68 1.82 0.00	42.40 1.68 0.00	44.78 1.65 0.00	50.90 1.98 0.00	92.66 3.59 0.00	95.30 3.93 0.00	55.66 2.31 0.00	44.24 2.01 0.00	50.96 2.43 0.00	46.59 2.40 0.00	38.93 2.04 0.00	41.81 2.28 0.00	46.18 2.40 -1.88	61.76 2.91 0.00	67.29 3.04 0.00	122.59 6.00 0.00	67.32 3.39 0.00	53.18 2.81 0.00	45.87 2.31 -0.34	40.78 1.92 -4.11	43.97 2.01 -6.48	46.20 1.87 -9.08
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.01 1.88 0.00	41.57 1.69 0.00	44.54 1.68 0.00	42.28 1.56 0.00	44.70 1.58 0.00	50.78 1.87 0.00	92.57 3.50 0.00	95.14 3.77 0.00	55.49 2.13 0.00	44.00 1.77 0.00	50.61 2.08 0.00	46.17 1.98 0.00	38.57 1.68 0.00	41.40 1.87 0.00	43.18 2.00 0.74	61.38 2.53 0.00	67.00 2.75 0.00	122.09 5.51 0.00	67.05 3.13 0.00	52.93 2.55 0.00	45.68 2.14 -0.33	40.48 1.75 -3.98	43.59 1.83 -6.28	45.74 1.68 -8.80
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.19 2.07 0.00	41.71 1.83 0.00	44.62 1.76 0.00	42.34 1.63 0.00	44.70 1.57 0.00	50.85 1.93 0.00	92.69 3.62 0.00	95.44 4.07 0.00	55.82 2.46 0.00	44.34 2.11 0.00	51.10 2.57 0.00	46.70 2.52 0.00	39.13 2.24 0.00	41.98 2.44 0.00	46.47 2.58 -1.98	61.95 3.10 0.00	67.41 3.17 0.00	124.20 6.66 -0.95	67.55 3.62 0.00	53.34 2.96 0.00	46.04 2.49 -0.34	40.93 2.06 -4.11	44.08 2.12 -6.48	46.31 1.97 -9.08

E179THST_13_KV_LOAD 356214	44.37 2.25 0.00	41.87 1.98 0.00	44.79 1.93 0.00	42.50 1.78 0.00	44.87 1.74 0.00	51.05 2.13 0.00	93.08 4.01 0.00	95.88 4.51 0.00	56.08 2.72 0.00	44.55 2.32 0.00	51.34 2.81 0.00	46.92 2.74 0.00	39.30 2.41 0.00	42.17 2.63 0.00	46.67 2.79 -1.98	62.24 3.39 0.00	67.75 3.50 0.00	124.79 7.25 -0.95	67.87 3.94 0.00	53.60 3.22 0.00	46.26 2.71 -0.34	41.09 2.23 -4.11	44.25 2.29 -6.48	46.47 2.13 -9.08
EAST HAMPTON___GT 23717	43.99 1.87 0.00	41.30 1.42 0.00	44.42 1.56 0.00	41.45 0.74 0.00	43.59 0.46 0.00	49.04 0.12 0.00	90.97 -0.08 -1.99	95.76 0.04 -4.36	53.28 0.00 0.00	42.73 0.49 0.00	50.07 1.54 0.00	46.13 1.95 0.00	38.98 2.09 0.00	42.31 2.78 0.00	47.06 3.29 -1.87	66.33 3.85 -3.64	74.08 4.78 -5.05	132.80 8.87 -7.35	130.09 5.52 -60.64	54.97 4.59 0.00	47.58 3.94 -0.43	42.43 3.47 -4.21	45.71 3.74 -6.49	47.91 3.57 -9.08
EAST RIVER___6 23660	44.38 2.25 0.00	41.87 1.98 0.00	44.81 1.95 0.00	42.50 1.78 0.00	44.87 1.74 0.00	51.05 2.13 0.00	93.08 4.02 0.00	95.93 4.56 0.00	56.04 2.68 0.00	44.57 2.34 0.00	51.35 2.81 0.00	46.95 2.77 0.00	39.27 2.38 0.00	42.19 2.66 0.00	46.66 2.81 -1.94	62.31 3.46 0.00	67.84 3.60 0.00	124.19 7.05 -0.55	67.84 3.92 0.00	53.59 3.21 0.00	46.20 2.64 -0.34	41.01 2.15 -4.11	44.20 2.24 -6.48	46.39 2.05 -9.08
EAST RIVER___7 23524	44.38 2.25 0.00	41.87 1.98 0.00	44.81 1.95 0.00	42.50 1.78 0.00	44.87 1.74 0.00	51.05 2.13 0.00	93.08 4.02 0.00	95.93 4.56 0.00	56.04 2.68 0.00	44.57 2.34 0.00	51.35 2.81 0.00	46.95 2.77 0.00	39.27 2.38 0.00	42.19 2.66 0.00	46.66 2.81 -1.94	62.31 3.46 0.00	67.84 3.60 0.00	124.19 7.05 -0.55	67.84 3.92 0.00	53.59 3.21 0.00	46.20 2.64 -0.34	41.01 2.15 -4.11	44.20 2.24 -6.48	46.39 2.05 -9.08
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.12 2.00 0.00	41.66 1.77 0.00	44.59 1.73 0.00	42.31 1.59 0.00	44.70 1.57 0.00	50.79 1.87 0.00	92.49 3.42 0.00	95.11 3.73 0.00	55.53 2.17 0.00	44.12 1.88 0.00	50.81 2.28 0.00	46.43 2.25 0.00	38.81 1.92 0.00	41.67 2.14 0.00	46.18 2.27 -2.02	61.58 2.73 0.00	67.11 2.87 0.00	122.29 5.71 0.00	67.15 3.22 0.00	53.05 2.67 0.00	45.77 2.22 -0.34	40.68 1.83 -4.10	43.88 1.93 -6.47	46.10 1.78 -9.06
EAST_HAMPTON___DIESEL 23722	43.85 1.73 0.00	41.18 1.30 0.00	44.30 1.43 0.00	41.32 0.60 0.00	43.45 0.32 0.00	48.87 -0.05 0.00	90.67 -0.38 -1.99	95.47 -0.26 -4.36	53.10 -0.25 0.00	42.60 0.37 0.00	49.96 1.43 0.00	46.06 1.87 0.00	38.94 2.05 0.00	42.29 2.76 0.00	47.06 3.28 -1.87	66.32 3.84 -3.64	74.06 4.77 -5.05	132.78 8.85 -7.35	130.04 5.48 -60.64	54.95 4.57 0.00	47.58 3.94 -0.43	42.44 3.48 -4.21	45.72 3.75 -6.49	47.91 3.57 -9.08
EAST_POINT___SOLAR 323840	43.03 0.91 0.00	40.72 0.84 0.00	43.72 0.86 0.00	41.60 0.88 0.00	44.21 1.08 0.00	50.23 1.31 0.00	91.81 2.74 0.00	94.45 3.08 0.00	54.71 1.35 0.00	42.86 0.63 0.00	49.32 0.79 0.00	44.51 0.33 0.00	36.99 0.09 0.00	39.67 0.14 0.00	41.84 -0.07 0.00	60.16 1.32 0.00	66.40 2.15 0.00	121.13 4.55 0.00	66.39 2.47 0.00	52.36 1.98 0.00	45.09 1.40 -0.48	41.58 1.08 -5.74	45.54 0.99 -9.07	48.82 0.86 -12.70
EAST_PULASKI___ESR 323781	40.92 -1.19 0.00	38.74 -1.15 0.00	41.70 -1.17 0.00	39.65 -1.07 0.00	42.14 -0.99 0.00	47.94 -0.98 0.00	87.23 -1.84 0.00	89.92 -1.45 0.00	52.58 -0.78 0.00	41.46 -0.78 0.00	47.79 -0.74 0.00	43.16 -1.02 0.00	35.88 -1.01 0.00	38.41 -1.13 0.00	40.73 -1.17 0.00	57.51 -1.34 0.00	63.34 -0.90 0.00	115.10 -1.49 0.00	62.93 -1.01 0.00	49.48 -0.89 0.00	42.27 -0.97 -0.03	34.24 -0.83 -0.31	35.08 -0.89 -0.50	35.02 -0.93 -0.69
EAST_RIVER___1 323558	44.33 2.22 0.00	41.84 1.96 0.00	44.76 1.89 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.02 2.10 0.00	92.98 3.91 0.00	95.77 4.40 0.00	55.98 2.62 0.00	44.51 2.27 0.00	51.28 2.75 0.00	46.89 2.70 0.00	39.22 2.33 0.00	42.12 2.58 0.00	46.58 2.72 -1.94	62.20 3.36 0.00	67.74 3.49 0.00	124.00 6.87 -0.55	67.75 3.83 0.00	53.51 3.12 0.00	46.12 2.57 -0.34	40.96 2.10 -4.11	44.15 2.19 -6.48	46.34 2.00 -9.08
EAST_RIVER___2 323559	44.38 2.25 0.00	41.87 1.98 0.00	44.81 1.95 0.00	42.50 1.78 0.00	44.87 1.74 0.00	51.05 2.13 0.00	93.08 4.02 0.00	95.93 4.56 0.00	56.04 2.68 0.00	44.57 2.34 0.00	51.35 2.81 0.00	46.95 2.77 0.00	39.27 2.38 0.00	42.19 2.66 0.00	46.66 2.81 -1.94	62.31 3.46 0.00	67.84 3.60 0.00	124.19 7.05 -0.55	67.84 3.92 0.00	53.59 3.21 0.00	46.20 2.64 -0.34	41.01 2.15 -4.11	44.20 2.24 -6.48	46.39 2.05 -9.08
EAST___DELAWARE_HYD 23607	43.45 1.33 0.00	41.03 1.15 0.00	43.99 1.13 0.00	41.79 1.07 0.00	44.20 1.08 0.00	50.26 1.34 0.00	91.97 2.91 0.00	95.99 4.62 0.00	56.02 2.66 0.00	44.03 1.80 0.00	51.01 2.48 0.00	46.44 2.26 0.00	38.60 1.70 0.00	40.53 1.00 0.00	42.53 1.20 0.58	60.36 1.51 0.00	66.10 1.86 0.00	120.61 4.02 0.00	66.26 2.33 0.00	51.32 0.94 0.00	43.99 0.47 -0.31	39.87 1.36 -3.75	42.81 1.41 -5.92	44.79 1.24 -8.29
EIGHT_POINT___WT_PWR 323820	39.04 -3.08 0.00	37.34 -2.55 0.00	40.69 -2.17 0.00	39.31 -1.41 0.00	42.19 -0.94 0.00	48.49 -0.43 0.00	88.84 -0.22 0.00	91.52 0.15 0.00	53.26 -0.10 0.00	41.90 -0.33 0.00	48.69 0.15 0.00	43.82 -0.37 0.00	36.18 -0.71 0.00	38.92 -0.61 0.00	41.43 -0.47 0.00	59.14 0.30 0.00	65.01 0.76 0.00	117.47 0.89 0.00	63.70 -0.23 0.00	49.21 -1.17 0.00	41.17 -2.12 -0.08	33.20 -2.48 -0.92	34.23 -2.70 -1.45	34.88 -2.40 -2.03
ELBRIDGE_115KV_TB2 80188	41.26 -0.86 0.00	39.05 -0.84 0.00	41.99 -0.87 0.00	39.98 -0.73 0.00	42.46 -0.67 0.00	48.21 -0.71 0.00	87.80 -1.26 0.00	90.10 -1.27 0.00	52.44 -0.92 0.00	41.37 -0.86 0.00	47.69 -0.84 0.00	43.21 -0.97 0.00	35.95 -0.95 0.00	38.61 -0.92 0.00	41.06 -0.85 0.00	57.88 -0.97 0.00	63.36 -0.88 0.00	115.04 -1.54 0.00	63.03 -0.90 0.00	49.56 -0.82 0.00	42.41 -0.84 -0.04	34.51 -0.70 -0.46	35.46 -0.75 -0.72	35.54 -0.74 -1.02
ELEC_TRO_TEK 24086	44.61 2.49 0.00	41.98 2.09 0.00	44.89 2.03 0.00	42.48 1.76 0.00	44.73 1.61 0.00	50.59 1.67 0.00	91.77 2.70 0.00	94.54 3.16 0.00	55.34 1.98 0.00	44.15 1.92 0.00	51.11 2.58 0.00	46.65 2.47 0.00	39.02 2.13 0.00	41.99 2.46 0.00	46.24 2.47 -1.87	61.64 2.79 0.00	67.14 2.90 0.00	123.04 5.43 -1.03	143.85 3.65 -76.27	53.48 3.10 0.00	46.07 2.52 -0.34	41.19 2.19 -4.25	44.34 2.37 -6.50	46.53 2.19 -9.08
ELLENBURG_WT_PWR 323604	44.13 2.01 0.00	41.78 1.89 0.00	44.18 1.32 0.00	41.52 0.80 0.00	44.06 0.93 0.00	50.24 1.32 0.00	92.26 3.19 0.00	95.05 3.68 0.00	55.23 1.88 0.00	43.31 1.08 0.00	49.82 1.29 0.00	45.19 1.01 0.00	37.35 0.46 0.00	39.73 0.19 0.00	41.80 -0.10 0.00	59.18 0.33 0.00	65.13 0.89 0.00	117.12 0.53 0.00	63.47 -0.46 0.00	50.52 0.14 0.00	44.24 1.03 0.00	35.13 0.38 0.00	35.44 -0.04 0.00	34.69 -0.57 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.94 -1.18 0.00	38.76 -1.13 0.00	42.46 -0.40 0.00	40.80 0.09 0.00	43.53 0.40 0.00	49.23 0.31 0.00	88.29 -0.78 0.00	90.05 -1.33 0.00	52.34 -1.02 0.00	41.57 -0.66 0.00	48.52 -0.01 0.00	43.60 -0.58 0.00	36.00 -0.90 0.00	38.52 -1.01 0.00	40.75 -1.16 0.00	57.67 -1.18 0.00	62.79 -1.46 0.00	113.40 -3.19 0.00	61.94 -1.99 0.00	48.22 -2.16 0.00	40.60 -2.66 -0.06	32.98 -2.45 -0.68	34.30 -2.25 -1.07	35.22 -1.53 -1.49
EMPIRE_CC_1 323656	43.19 1.07 0.00	40.95 1.06 0.00	43.94 1.08 0.00	41.51 0.79 0.00	43.88 0.75 0.00	49.75 0.84 0.00	90.54 1.47 0.00	92.59 1.22 0.00	54.29 0.93 0.00	42.95 0.71 0.00	49.03 0.50 0.00	44.95 0.76 0.00	37.66 0.76 0.00	40.45 0.92 0.00	43.19 0.91 -0.37	59.99 1.14 0.00	65.36 1.12 0.00	118.61 2.03 0.00	65.10 1.18 0.00	51.35 0.97 0.00	44.58 0.97 -0.40	40.49 0.90 -4.83	43.98 0.88 -7.62	46.98 1.05 -10.68
EMPIRE_CC_2 323658	43.19 1.07 0.00	40.95 1.06 0.00	43.94 1.08 0.00	41.51 0.79 0.00	43.88 0.75 0.00	49.75 0.84 0.00	90.54 1.47 0.00	92.59 1.22 0.00	54.29 0.93 0.00	42.95 0.71 0.00	49.03 0.50 0.00	44.95 0.76 0.00	37.66 0.76 0.00	40.45 0.92 0.00	43.19 0.91 -0.37	59.99 1.14 0.00	65.36 1.12 0.00	118.61 2.03 0.00	65.10 1.18 0.00	51.35 0.97 0.00	44.58 0.97 -0.40	40.49 0.90 -4.83	43.98 0.88 -7.62	46.98 1.05 -10.68
ENORWICH_115KV_TB1 80156	43.29 1.17 0.00	40.79 0.91 0.00	43.59 0.73 0.00	41.80 1.09 0.00	44.41 1.28 0.00	50.69 1.77 0.00	93.13 4.06 0.00	96.57 5.20 0.00	56.26 2.90 0.00	44.18 1.95 0.00	51.04 2.51 0.00	46.09 1.90 0.00	38.16 1.26 0.00	40.86 1.33 0.00	43.57 1.66 0.00	62.69 3.84 0.00	69.32 5.07 0.00	126.31 9.72 0.00	69.30 5.38 0.00	54.27 3.89 0.00	46.01 2.69 -0.11	37.62 1.54 -1.32	38.78 1.21 -2.09	39.10 0.93 -2.92
ERIE_ST__34_KV_TB1-2 80199	41.37 -0.75 0.00	39.15 -0.74 0.00	42.82 -0.04 0.00	41.13 0.41 0.00	43.88 0.76 0.00	49.65 0.73 0.00	89.22 0.15 0.00	91.18 -0.20 0.00	52.99 -0.37 0.00	42.07 -0.17 0.00	49.08 0.55 0.00	44.11 -0.08 0.00	36.46 -0.44 0.00	39.02 -0.51 0.00	41.29 -0.61 0.00	58.42 -0.43 0.00	63.66 -0.58 0.00	115.19 -1.39 0.00	62.90 -1.02 0.00	49.03 -1.34 0.00	41.29 -1.98 -0.06	33.45 -2.00 -0.70	34.81 -1.78 -1.11	35.66 -1.15 -1.56
ERIE_WT_PWR 323693	41.08 -1.04 0.00	38.90 -0.98 0.00	42.63 -0.23 0.00	40.97 0.25 0.00	43.73 0.60 0.00	49.52 0.60 0.00	88.92 -0.15 0.00	90.72 -0.65 0.00	52.73 -0.63 0.00	41.85 -0.38 0.00	48.82 0.28 0.00	43.88 -0.30 0.00	36.22 -0.67 0.00	38.77 -0.77 0.00	40.99 -0.91 0.00	58.02 -0.83 0.00	63.26 -0.99 0.00	114.41 -2.17 0.00	62.48 -1.45 0.00	48.65 -1.73 0.00	40.94 -2.32 -0.06	33.20 -2.25 -0.69	34.56 -2.02 -1.10	35.46 -1.34 -1.53
ESPRGFLD_115KV_TB1 80157	41.87 -0.25 0.00	39.61 -0.28 0.00	42.54 -0.32 0.00	40.53 -0.19 0.00	43.06 -0.07 0.00	48.87 -0.05 0.00	89.30 0.23 0.00	91.96 0.58 0.00	53.69 0.33 0.00	42.68 0.45 0.00	49.30 0.77 0.00	44.66 0.47 0.00	37.24 0.35 0.00	39.78 0.24 0.00	41.94 0.04 0.00	59.39 0.55 0.00	64.88 0.63 0.00	117.97 1.38 0.00	64.71 0.78 0.00	50.98 0.60 0.00	43.43 0.21 -0.01	34.87 0.00 -0.11	35.55 -0.10 -0.18	35.27 -0.24 -0.25
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.20 0.08 0.00	39.93 0.05 0.00	42.95 0.08 0.00	40.96 0.24 0.00	43.51 0.39 0.00	49.47 0.54 0.00	90.26 1.19 0.00	92.82 1.45 0.00	53.91 0.55 0.00	42.27 0.03 0.00	48.78 0.25 0.00	43.92 -0.26 0.00	36.32 -0.57 0.00	39.16 -0.37 0.00	41.83 -0.07 0.00	59.40 0.56 0.00	65.30 1.06 0.00	118.66 2.07 0.00	65.10 1.17 0.00	51.14 0.76 0.00	43.68 0.39 -0.08	35.87 0.14 -0.97	37.09 0.07 -1.54	37.48 0.07 -2.15
ETNA____115KV_TB2 80207	42.20 0.08 0.00	39.93 0.05 0.00	42.95 0.08 0.00	40.96 0.24 0.00	43.51 0.39 0.00	49.47 0.54 0.00	90.26 1.19 0.00	92.82 1.45 0.00	53.91 0.55 0.00	42.27 0.03 0.00	48.78 0.25 0.00	43.92 -0.26 0.00	36.32 -0.57 0.00	39.16 -0.37 0.00	41.83 -0.07 0.00	59.40 0.56 0.00	65.30 1.06 0.00	118.66 2.07 0.00	65.10 1.17 0.00	51.14 0.76 0.00	43.68 0.39 -0.08	35.87 0.14 -0.97	37.09 0.07 -1.54	37.48 0.07 -2.15
EUCLID___115KV_TB2 356179	41.06 -1.06 0.00	38.87 -1.02 0.00	41.88 -0.98 0.00	39.86 -0.86 0.00	42.27 -0.86 0.00	47.96 -0.96 0.00	87.21 -1.85 0.00	89.49 -1.88 0.00	52.20 -1.16 0.00	41.23 -1.00 0.00	47.51 -1.03 0.00	43.10 -1.08 0.00	35.89 -1.00 0.00	38.52 -1.01 0.00	40.90 -1.01 0.00	57.60 -1.24 0.00	62.98 -1.27 0.00	114.28 -2.30 0.00	62.68 -1.25 0.00	49.30 -1.08 0.00	42.16 -1.08 -0.03	34.23 -0.88 -0.36	35.13 -0.91 -0.56	35.19 -0.85 -0.79
E_CANADA_CAP_HY 24051	41.70 -0.41 0.00	39.46 -0.43 0.00	42.38 -0.48 0.00	40.34 -0.38 0.00	42.89 -0.24 0.00	48.64 -0.27 0.00	88.58 -0.49 0.00	91.11 -0.26 0.00	53.03 -0.33 0.00	41.89 -0.34 0.00	48.59 0.05 0.00	43.96 -0.22 0.00	36.67 -0.22 0.00	39.23 -0.30 0.00	41.38 -0.53 0.00	58.74 -0.11 0.00	64.11 -0.14 0.00	116.62 0.03 0.00	63.88 -0.05 0.00	50.37 -0.01 0.00	43.48 -0.23 -0.50	40.59 -0.15 -5.98	44.72 -0.21 -9.45	48.18 -0.31 -13.23
E_CANADA_MHWK_HY 24050	45.06 2.94 0.00	42.66 2.77 0.00	45.79 2.93 0.00	43.63 2.91 0.00	46.21 3.08 0.00	52.48 3.56 0.00	95.67 6.60 0.00	98.06 6.69 0.00	56.76 3.40 0.00	44.39 2.16 0.00	50.94 2.41 0.00	46.60 2.42 0.00	38.79 1.90 0.00	41.41 1.87 0.00	44.46 2.55 0.00	63.36 4.52 0.00	69.69 5.45 0.00	126.87 10.29 0.00	69.70 5.77 0.00	54.83 4.45 0.00	47.06 3.85 0.00	37.95 3.19 0.00	38.64 3.16 0.00	38.34 3.08 0.00
E_FISHKILL___LBMP 23776	43.82 1.70 0.00	41.40 1.51 0.00	44.34 1.48 0.00	42.07 1.36 0.00	44.46 1.33 0.00	50.49 1.57 0.00	91.94 2.88 0.00	94.47 3.10 0.00	55.19 1.83 0.00	43.82 1.59 0.00	50.43 1.89 0.00	46.05 1.87 0.00	38.50 1.60 0.00	41.33 1.79 0.00	44.41 1.91 -0.59	61.14 2.29 0.00	66.63 2.38 0.00	121.33 4.74 0.00	66.64 2.71 0.00	52.62 2.25 0.00	45.46 1.90 -0.35	40.51 1.57 -4.19	43.75 1.65 -6.62	46.07 1.54 -9.27
FALCON___SEABRD_CC1 323796	44.69 2.57 0.00	42.28 2.39 0.00	44.73 1.87 0.00	42.09 1.37 0.00	44.65 1.52 0.00	50.89 1.97 0.00	93.63 4.56 0.00	96.48 5.11 0.00	56.13 2.77 0.00	43.88 1.65 0.00	50.44 1.91 0.00	45.83 1.65 0.00	37.91 1.01 0.00	40.35 0.81 0.00	42.45 0.54 0.00	60.04 1.19 0.00	66.09 1.85 0.00	118.98 2.39 0.00	64.54 0.62 0.00	51.30 0.92 0.00	44.87 1.66 0.00	35.64 0.89 0.00	35.92 0.44 0.00	35.15 -0.11 0.00
FALCON___SEABRD_CC2 323797	44.69 2.57 0.00	42.28 2.39 0.00	44.73 1.87 0.00	42.09 1.37 0.00	44.65 1.52 0.00	50.89 1.97 0.00	93.63 4.56 0.00	96.48 5.11 0.00	56.13 2.77 0.00	43.88 1.65 0.00	50.44 1.91 0.00	45.83 1.65 0.00	37.91 1.01 0.00	40.35 0.81 0.00	42.45 0.54 0.00	60.04 1.19 0.00	66.09 1.85 0.00	118.98 2.39 0.00	64.54 0.62 0.00	51.30 0.92 0.00	44.87 1.66 0.00	35.64 0.89 0.00	35.92 0.44 0.00	35.15 -0.11 0.00

FAR ROCKAWAY___4 23548	45.27 3.15 0.00	42.56 2.68 0.00	45.51 2.64 0.00	43.06 2.35 0.00	45.34 2.21 0.00	51.31 2.39 0.00	93.07 4.00 0.00	95.82 4.45 0.00	56.03 2.68 0.00	44.75 2.52 0.00	51.84 3.31 0.00	47.32 3.14 0.00	39.56 2.66 0.00	42.60 3.06 0.00	46.90 3.13 -1.87	62.56 3.72 0.00	68.18 3.93 0.00	124.93 7.35 -0.99	142.40 4.74 -73.72	54.35 3.97 0.00	46.80 3.24 -0.34	41.72 2.72 -4.25	44.84 2.87 -6.50	47.00 2.66 -9.08
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.38 2.26 0.00	41.87 1.98 0.00	44.79 1.93 0.00	42.49 1.77 0.00	44.87 1.74 0.00	51.07 2.16 0.00	93.05 3.98 0.00	95.83 4.46 0.00	56.01 2.66 0.00	44.53 2.30 0.00	51.29 2.76 0.00	46.91 2.72 0.00	39.23 2.33 0.00	42.13 2.60 0.00	46.64 2.74 -1.99	62.22 3.37 0.00	67.77 3.52 0.00	124.46 6.91 -0.96	67.78 3.85 0.00	53.55 3.17 0.00	46.16 2.61 -0.34	41.00 2.13 -4.11	44.18 2.22 -6.48	46.37 2.03 -9.08
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.39 2.27 0.00	41.90 2.01 0.00	44.81 1.95 0.00	42.52 1.80 0.00	44.90 1.77 0.00	51.09 2.18 0.00	93.08 4.02 0.00	95.88 4.51 0.00	56.03 2.67 0.00	44.55 2.31 0.00	51.31 2.78 0.00	46.92 2.74 0.00	39.25 2.35 0.00	42.14 2.61 0.00	46.66 2.77 -1.99	62.25 3.40 0.00	67.79 3.54 0.00	124.53 6.98 -0.96	67.82 3.89 0.00	53.57 3.19 0.00	46.18 2.63 -0.34	41.01 2.15 -4.11	44.20 2.25 -6.48	46.40 2.06 -9.08
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.34 2.23 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.05 2.13 0.00	92.99 3.93 0.00	95.79 4.42 0.00	55.99 2.63 0.00	44.51 2.27 0.00	51.28 2.75 0.00	46.89 2.70 0.00	39.22 2.32 0.00	42.12 2.58 0.00	46.62 2.73 -1.99	62.20 3.36 0.00	67.73 3.48 0.00	124.41 6.86 -0.96	67.76 3.83 0.00	53.50 3.12 0.00	46.12 2.57 -0.34	40.97 2.11 -4.11	44.16 2.20 -6.48	46.36 2.02 -9.08
FARRAGUT___LBMP 323566	44.32 2.21 0.00	41.83 1.94 0.00	44.74 1.88 0.00	42.46 1.74 0.00	44.83 1.70 0.00	51.01 2.09 0.00	92.95 3.88 0.00	95.72 4.34 0.00	55.93 2.57 0.00	44.46 2.23 0.00	51.23 2.70 0.00	46.84 2.66 0.00	39.18 2.29 0.00	42.08 2.54 0.00	46.58 2.69 -1.99	62.14 3.30 0.00	67.66 3.42 0.00	124.30 6.75 -0.96	67.69 3.76 0.00	53.47 3.09 0.00	46.10 2.55 -0.34	40.95 2.09 -4.11	44.14 2.18 -6.48	46.33 2.00 -9.08
FENNER___WINDPWR 24204	42.33 0.21 0.00	40.11 0.22 0.00	43.21 0.35 0.00	41.14 0.42 0.00	43.71 0.58 0.00	49.75 0.83 0.00	90.84 1.77 0.00	93.35 1.98 0.00	54.11 0.75 0.00	42.60 0.37 0.00	49.23 0.70 0.00	44.76 0.57 0.00	37.22 0.32 0.00	39.97 0.44 0.00	42.44 0.54 0.00	59.95 1.11 0.00	65.81 1.56 0.00	119.16 2.57 0.00	65.29 1.36 0.00	51.30 0.92 0.00	43.84 0.59 -0.04	35.64 0.37 -0.52	36.61 0.31 -0.82	36.67 0.26 -1.15
FIBERTEK___ENERGY 23856	41.44 -0.68 0.00	39.22 -0.66 0.00	42.20 -0.67 0.00	40.18 -0.54 0.00	42.65 -0.48 0.00	48.41 -0.51 0.00	88.19 -0.87 0.00	90.52 -0.85 0.00	52.72 -0.64 0.00	41.59 -0.64 0.00	47.94 -0.60 0.00	43.44 -0.74 0.00	36.15 -0.74 0.00	38.83 -0.71 0.00	41.27 -0.64 0.00	58.19 -0.66 0.00	63.68 -0.57 0.00	115.62 -0.97 0.00	63.38 -0.55 0.00	49.85 -0.54 0.00	42.64 -0.60 -0.04	34.67 -0.52 -0.43	35.60 -0.57 -0.69	35.66 -0.55 -0.96
FITZPATRICK___ 23598	40.51 -1.61 0.00	38.35 -1.54 0.00	41.28 -1.58 0.00	39.25 -1.46 0.00	41.63 -1.50 0.00	47.24 -1.69 0.00	85.94 -3.12 0.00	88.15 -3.22 0.00	51.45 -1.91 0.00	40.66 -1.57 0.00	46.80 -1.73 0.00	42.50 -1.69 0.00	35.43 -1.46 0.00	38.00 -1.53 0.00	40.32 -1.59 0.00	56.73 -2.12 0.00	62.01 -2.24 0.00	112.50 -4.08 0.00	61.69 -2.24 0.00	48.55 -1.83 0.00	41.57 -1.66 -0.02	33.70 -1.33 -0.27	34.54 -1.36 -0.43	34.54 -1.32 -0.60
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.35 2.23 0.00	41.90 2.01 0.00	44.88 2.02 0.00	42.60 1.88 0.00	45.04 1.91 0.00	51.18 2.26 0.00	93.31 4.24 0.00	95.94 4.57 0.00	55.97 2.61 0.00	44.36 2.13 0.00	51.04 2.51 0.00	46.56 2.37 0.00	38.90 2.01 0.00	41.79 2.26 0.00	44.36 2.45 0.00	62.01 3.16 0.00	67.66 3.41 0.00	123.24 6.65 0.00	67.71 3.78 0.00	53.45 3.07 0.00	46.14 2.58 -0.34	40.97 2.09 -4.13	44.14 2.15 -6.51	46.37 1.99 -9.12
FORT ORANGE___ 23900	43.34 1.22 0.00	41.09 1.21 0.00	44.08 1.22 0.00	41.83 1.11 0.00	44.19 1.07 0.00	50.10 1.18 0.00	91.20 2.13 0.00	93.46 2.09 0.00	54.63 1.27 0.00	43.11 0.87 0.00	49.26 0.73 0.00	45.10 0.92 0.00	37.74 0.85 0.00	40.48 0.95 0.00	42.95 1.04 0.00	60.27 1.42 0.00	65.89 1.64 0.00	119.73 3.14 0.00	65.74 1.81 0.00	51.88 1.51 0.00	45.00 1.37 -0.41	40.85 1.13 -4.97	44.43 1.11 -7.84	47.38 1.13 -10.98
FORT_DRUM_COGEN 23780	41.31 -0.80 0.00	39.20 -0.68 0.00	42.08 -0.78 0.00	39.91 -0.80 0.00	42.86 -0.27 0.00	49.01 0.09 0.00	89.44 0.38 0.00	93.31 1.93 0.00	54.86 1.51 0.00	42.87 0.64 0.00	49.58 1.04 0.00	44.25 0.07 0.00	36.66 -0.24 0.00	39.01 -0.53 0.00	41.10 -0.80 0.00	58.56 -0.29 0.00	65.85 1.60 0.00	119.83 3.24 0.00	64.92 0.99 0.00	50.97 0.60 0.00	43.40 0.17 -0.02	34.80 -0.17 -0.22	35.49 -0.34 -0.35	35.14 -0.61 -0.49
FOX_HILLS___ESR 323835	44.23 2.11 0.00	41.75 1.86 0.00	44.64 1.78 0.00	42.38 1.67 0.00	44.75 1.63 0.00	50.92 2.00 0.00	92.83 3.77 0.00	95.58 4.20 0.00	55.84 2.49 0.00	44.36 2.13 0.00	50.97 2.45 0.00	46.67 2.48 0.00	39.00 2.11 0.00	41.85 2.31 0.00	46.36 2.48 -1.98	61.85 3.01 0.00	67.29 3.05 0.00	124.17 6.63 -0.95	67.47 3.54 0.00	53.37 2.99 0.00	46.06 2.51 -0.34	40.92 2.06 -4.11	44.09 2.13 -6.48	46.26 1.93 -9.08
FPL_FAR_ROCK_GT1 24212	45.27 3.15 0.00	42.57 2.68 0.00	45.51 2.65 0.00	43.06 2.35 0.00	45.34 2.21 0.00	51.31 2.39 0.00	93.08 4.01 0.00	95.83 4.46 0.00	56.03 2.67 0.00	44.75 2.52 0.00	51.84 3.31 0.00	47.32 3.14 0.00	39.56 2.66 0.00	42.60 3.06 0.00	46.90 3.12 -1.87	62.56 3.72 0.00	68.18 3.93 0.00	124.93 7.35 -0.99	142.40 4.75 -73.72	54.35 3.97 0.00	46.80 3.24 -0.34	41.72 2.73 -4.25	44.84 2.87 -6.50	47.01 2.67 -9.08
FPL_FAR_ROCK_GT2 23815	45.27 3.15 0.00	42.57 2.68 0.00	45.51 2.65 0.00	43.06 2.35 0.00	45.34 2.21 0.00	51.31 2.39 0.00	93.08 4.01 0.00	95.83 4.46 0.00	56.03 2.67 0.00	44.75 2.52 0.00	51.84 3.31 0.00	47.32 3.14 0.00	39.56 2.66 0.00	42.60 3.06 0.00	46.90 3.12 -1.87	62.56 3.72 0.00	68.18 3.93 0.00	124.93 7.35 -0.99	142.40 4.75 -73.72	54.35 3.97 0.00	46.80 3.24 -0.34	41.72 2.73 -4.25	44.84 2.87 -6.50	47.01 2.67 -9.08
FRANKLIN_FALL_HYD 24054	44.71 2.60 0.00	42.32 2.43 0.00	44.72 1.86 0.00	41.97 1.26 0.00	44.57 1.44 0.00	50.78 1.86 0.00	93.31 4.25 0.00	96.36 4.99 0.00	56.29 2.94 0.00	43.98 1.75 0.00	50.67 2.14 0.00	45.89 1.70 0.00	37.84 0.95 0.00	40.22 0.69 0.00	42.23 0.32 0.00	59.81 0.96 0.00	65.98 1.73 0.00	118.75 2.17 0.00	64.32 0.39 0.00	51.17 0.79 0.00	44.86 1.65 0.00	35.60 0.84 0.00	35.93 0.45 0.00	35.20 -0.06 0.00

FREEPORT_EQUS_GT1 23764	44.94 2.83 0.00	42.25 2.37 0.00	45.15 2.29 0.00	42.70 1.99 0.00	44.95 1.82 0.00	50.79 1.87 0.00	91.79 2.72 0.00	94.61 3.23 0.00	55.55 2.20 0.00	44.28 2.04 0.00	51.30 2.77 0.00	46.84 2.66 0.00	39.17 2.28 0.00	42.19 2.65 0.00	46.47 2.69 -1.87	61.92 3.07 0.00	67.33 3.08 0.00	123.17 5.74 -0.84	130.41 4.07 -62.41	53.91 3.53 0.00	46.42 2.87 -0.34	41.46 2.48 -4.22	44.65 2.68 -6.49	46.82 2.48 -9.08
FREEPORT___CT2 23818	44.94 2.83 0.00	42.25 2.37 0.00	45.15 2.29 0.00	42.70 1.99 0.00	44.95 1.82 0.00	50.79 1.87 0.00	91.79 2.72 0.00	94.61 3.23 0.00	55.55 2.20 0.00	44.28 2.04 0.00	51.30 2.77 0.00	46.84 2.66 0.00	39.17 2.28 0.00	42.19 2.65 0.00	46.47 2.69 -1.87	61.92 3.07 0.00	67.33 3.08 0.00	123.17 5.74 -0.84	130.41 4.07 -62.41	53.91 3.53 0.00	46.42 2.87 -0.34	41.46 2.48 -4.22	44.65 2.68 -6.49	46.82 2.48 -9.08
FRESHKLS_33_KV_LOAD 356253	44.25 2.13 0.00	41.79 1.90 0.00	44.68 1.82 0.00	42.42 1.71 0.00	44.80 1.67 0.00	50.97 2.05 0.00	92.95 3.89 0.00	95.70 4.32 0.00	55.88 2.53 0.00	44.36 2.13 0.00	50.97 2.44 0.00	46.64 2.46 0.00	38.96 2.06 0.00	41.80 2.26 0.00	46.32 2.43 -1.98	61.81 2.96 0.00	67.30 3.05 0.00	124.30 6.76 -0.95	67.51 3.59 0.00	53.41 3.03 0.00	46.11 2.56 -0.34	40.95 2.08 -4.11	44.12 2.15 -6.48	46.28 1.94 -9.08
FULTON COGEN____ 23766	40.61 -1.51 0.00	38.43 -1.46 0.00	41.38 -1.48 0.00	39.37 -1.34 0.00	41.75 -1.38 0.00	47.40 -1.52 0.00	86.28 -2.79 0.00	88.60 -2.77 0.00	51.72 -1.63 0.00	40.87 -1.37 0.00	47.05 -1.48 0.00	42.64 -1.54 0.00	35.49 -1.40 0.00	38.12 -1.41 0.00	40.48 -1.42 0.00	57.00 -1.85 0.00	62.36 -1.88 0.00	113.21 -3.37 0.00	62.10 -1.83 0.00	48.85 -1.53 0.00	41.79 -1.45 -0.03	33.93 -1.17 -0.34	34.79 -1.23 -0.54	34.81 -1.20 -0.75
FULTON___LFGE 323630	43.00 0.88 0.00	40.68 0.80 0.00	43.69 0.83 0.00	41.52 0.81 0.00	44.11 0.98 0.00	50.07 1.15 0.00	91.46 2.39 0.00	93.96 2.59 0.00	54.40 1.04 0.00	42.62 0.39 0.00	49.25 0.72 0.00	44.54 0.36 0.00	37.08 0.18 0.00	39.65 0.11 0.00	42.15 0.24 0.00	60.20 1.36 0.00	66.12 1.87 0.00	120.36 3.78 0.00	65.93 2.00 0.00	51.97 1.59 0.00	44.90 1.21 -0.47	41.39 0.95 -5.69	45.35 0.88 -8.98	48.63 0.79 -12.58
G.F.CEMENT___DRP 24184	45.26 3.14 0.00	42.80 2.92 0.00	45.94 3.07 0.00	43.59 2.87 0.00	46.23 3.10 0.00	52.69 3.78 0.00	96.55 7.48 0.00	98.50 7.13 0.00	57.47 4.11 0.00	45.00 2.77 0.00	51.33 2.80 0.00	47.22 3.03 0.00	39.30 2.41 0.00	41.84 2.30 0.00	44.91 3.00 0.00	63.18 4.33 0.00	69.25 5.00 0.00	125.02 8.43 0.00	68.13 4.20 0.00	53.26 2.88 0.00	46.99 3.35 -0.43	42.67 2.73 -5.18	46.42 2.76 -8.18	49.60 2.89 -11.46
GARDENVILLE___LBMP 24039	40.93 -1.19 0.00	38.76 -1.13 0.00	42.44 -0.42 0.00	40.82 0.11 0.00	43.57 0.44 0.00	49.29 0.37 0.00	88.48 -0.59 0.00	90.28 -1.09 0.00	52.47 -0.89 0.00	41.65 -0.58 0.00	48.61 0.08 0.00	43.69 -0.49 0.00	36.07 -0.82 0.00	38.63 -0.91 0.00	40.85 -1.06 0.00	57.84 -1.01 0.00	62.99 -1.25 0.00	113.72 -2.86 0.00	62.09 -1.83 0.00	48.33 -2.05 0.00	40.69 -2.58 -0.06	33.04 -2.41 -0.69	34.35 -2.22 -1.09	35.24 -1.55 -1.53
GARDNVLA_35_KV_LD 355827	41.25 -0.87 0.00	39.06 -0.83 0.00	42.78 -0.09 0.00	41.12 0.40 0.00	43.88 0.75 0.00	49.67 0.75 0.00	89.26 0.20 0.00	91.10 -0.28 0.00	52.97 -0.39 0.00	42.04 -0.20 0.00	49.07 0.53 0.00	44.08 -0.10 0.00	36.39 -0.50 0.00	38.97 -0.57 0.00	41.19 -0.71 0.00	58.11 -0.74 0.00	63.43 -0.82 0.00	115.00 -1.59 0.00	62.82 -1.11 0.00	48.89 -1.48 0.00	41.17 -2.10 -0.06	33.37 -2.08 -0.70	34.71 -1.87 -1.10	35.59 -1.21 -1.54
GELCKHM___115KV_LOAD 80723	41.21 -0.91 0.00	39.00 -0.88 0.00	41.99 -0.87 0.00	39.98 -0.74 0.00	42.41 -0.72 0.00	48.13 -0.79 0.00	87.62 -1.45 0.00	89.92 -1.45 0.00	52.42 -0.94 0.00	41.38 -0.85 0.00	47.68 -0.85 0.00	43.24 -0.94 0.00	36.00 -0.89 0.00	38.66 -0.88 0.00	41.03 -0.87 0.00	57.84 -1.00 0.00	63.26 -0.99 0.00	114.82 -1.77 0.00	62.96 -0.96 0.00	49.51 -0.88 0.00	42.35 -0.90 -0.03	34.40 -0.74 -0.38	35.30 -0.78 -0.60	35.37 -0.73 -0.84
GENERAL___MILLS 23808	41.10 -1.02 0.00	38.91 -0.98 0.00	42.61 -0.25 0.00	40.97 0.25 0.00	43.72 0.60 0.00	49.48 0.56 0.00	88.84 -0.23 0.00	90.66 -0.71 0.00	52.69 -0.66 0.00	41.83 -0.41 0.00	48.80 0.27 0.00	43.86 -0.33 0.00	36.21 -0.69 0.00	38.75 -0.78 0.00	41.00 -0.91 0.00	57.99 -0.86 0.00	63.20 -1.04 0.00	114.31 -2.28 0.00	62.44 -1.49 0.00	48.61 -1.77 0.00	40.92 -2.35 -0.06	33.20 -2.25 -0.69	34.53 -2.04 -1.10	35.43 -1.36 -1.53
GE_PLASTICS___DRP 24183	43.10 0.98 0.00	40.86 0.98 0.00	43.86 1.00 0.00	41.62 0.91 0.00	43.98 0.85 0.00	49.84 0.92 0.00	90.69 1.62 0.00	92.90 1.53 0.00	54.34 0.99 0.00	43.01 0.77 0.00	49.23 0.69 0.00	45.03 0.84 0.00	37.68 0.79 0.00	40.42 0.88 0.00	42.85 0.95 0.00	60.03 1.18 0.00	65.45 1.21 0.00	118.86 2.28 0.00	65.25 1.32 0.00	51.50 1.12 0.00	44.67 1.04 -0.41	40.60 0.87 -4.97	44.21 0.89 -7.84	47.15 0.90 -10.99
GILBOA___1 23756	43.02 0.90 0.00	40.86 0.97 0.00	44.00 1.14 0.00	41.77 1.06 0.00	44.15 1.02 0.00	49.80 0.88 0.00	90.66 1.59 0.00	92.84 1.47 0.00	54.33 0.98 0.00	43.15 0.92 0.00	49.53 1.00 0.00	45.23 1.05 0.00	37.92 1.03 0.00	40.62 1.09 0.00	42.97 1.06 0.00	60.04 1.20 0.00	65.26 1.01 0.00	118.26 1.67 0.00	65.08 1.16 0.00	51.37 1.00 0.00	44.50 0.96 -0.33	39.52 0.80 -3.96	42.57 0.84 -6.25	44.84 0.82 -8.76
GILBOA___2 23757	43.02 0.90 0.00	40.86 0.97 0.00	44.00 1.14 0.00	41.77 1.06 0.00	44.15 1.02 0.00	49.80 0.88 0.00	90.66 1.59 0.00	92.84 1.47 0.00	54.33 0.98 0.00	43.15 0.92 0.00	49.53 1.00 0.00	45.23 1.05 0.00	37.92 1.03 0.00	40.62 1.09 0.00	42.97 1.06 0.00	60.04 1.20 0.00	65.26 1.01 0.00	118.26 1.67 0.00	65.08 1.16 0.00	51.37 1.00 0.00	44.50 0.96 -0.33	39.52 0.80 -3.96	42.57 0.84 -6.25	44.84 0.82 -8.76
GILBOA___3 23758	43.02 0.90 0.00	40.86 0.97 0.00	44.00 1.14 0.00	41.77 1.06 0.00	44.15 1.02 0.00	49.80 0.88 0.00	90.66 1.59 0.00	92.84 1.47 0.00	54.33 0.98 0.00	43.15 0.92 0.00	49.53 1.00 0.00	45.23 1.05 0.00	37.92 1.03 0.00	40.62 1.09 0.00	42.97 1.06 0.00	60.04 1.20 0.00	65.26 1.01 0.00	118.26 1.67 0.00	65.08 1.16 0.00	51.37 1.00 0.00	44.50 0.96 -0.33	39.52 0.80 -3.96	42.57 0.84 -6.25	44.84 0.82 -8.76
GILBOA___4 23759	43.02 0.90 0.00	40.86 0.97 0.00	44.00 1.14 0.00	41.77 1.06 0.00	44.15 1.02 0.00	49.80 0.88 0.00	90.66 1.59 0.00	92.84 1.47 0.00	54.33 0.98 0.00	43.15 0.92 0.00	49.53 1.00 0.00	45.23 1.05 0.00	37.92 1.03 0.00	40.62 1.09 0.00	42.97 1.06 0.00	60.04 1.20 0.00	65.26 1.01 0.00	118.26 1.67 0.00	65.08 1.16 0.00	51.37 1.00 0.00	44.50 0.96 -0.33	39.52 0.80 -3.96	42.57 0.84 -6.25	44.84 0.82 -8.76

GILBOA____ 23599	43.01 0.89 0.00	40.86 0.98 0.00	44.00 1.14 0.00	41.78 1.06 0.00	44.15 1.02 0.00	49.80 0.88 0.00	90.66 1.59 0.00	92.84 1.47 0.00	54.33 0.98 0.00	43.15 0.92 0.00	49.53 1.00 0.00	45.23 1.05 0.00	37.92 1.03 0.00	40.62 1.09 0.00	42.97 1.06 0.00	60.04 1.20 0.00	65.26 1.01 0.00	118.26 1.67 0.00	65.09 1.16 0.00	51.37 1.00 0.00	44.50 0.96 -0.33	39.52 0.80 -3.96	42.57 0.84 -6.25	44.84 0.82 -8.76
GINNA____ 23603	39.60 -2.52 0.00	37.44 -2.45 0.00	40.62 -2.24 0.00	38.78 -1.93 0.00	41.25 -1.88 0.00	46.90 -2.02 0.00	85.02 -4.05 0.00	87.04 -4.33 0.00	50.62 -2.73 0.00	40.03 -2.20 0.00	46.31 -2.22 0.00	41.84 -2.35 0.00	34.69 -2.20 0.00	37.15 -2.38 0.00	39.46 -2.45 0.00	55.91 -2.94 0.00	61.07 -3.18 0.00	110.76 -5.83 0.00	60.61 -3.32 0.00	47.46 -2.92 0.00	40.32 -2.93 -0.04	32.70 -2.51 -0.45	33.67 -2.53 -0.72	34.06 -2.21 -1.01
GLEN PARK____ 23778	41.31 -0.81 0.00	39.19 -0.70 0.00	42.07 -0.79 0.00	39.92 -0.79 0.00	42.86 -0.27 0.00	49.03 0.11 0.00	89.53 0.46 0.00	93.38 2.00 0.00	54.87 1.52 0.00	42.89 0.66 0.00	49.59 1.05 0.00	44.24 0.05 0.00	36.64 -0.25 0.00	39.02 -0.51 0.00	41.10 -0.80 0.00	58.60 -0.25 0.00	65.94 1.70 0.00	120.06 3.48 0.00	65.07 1.15 0.00	51.09 0.71 0.00	43.47 0.24 -0.02	34.87 -0.11 -0.23	35.52 -0.31 -0.36	35.18 -0.58 -0.50
GLENDALE_27_KV_LOAD 356172	44.51 2.39 0.00	41.99 2.11 0.00	44.92 2.06 0.00	42.62 1.91 0.00	45.01 1.89 0.00	51.22 2.30 0.00	93.29 4.22 0.00	96.11 4.74 0.00	56.20 2.85 0.00	44.69 2.46 0.00	51.51 2.98 0.00	47.11 2.92 0.00	39.42 2.52 0.00	42.31 2.78 0.00	46.83 2.95 -1.98	62.48 3.63 0.00	67.98 3.74 0.00	125.00 7.47 -0.95	68.02 4.09 0.00	53.75 3.37 0.00	46.33 2.78 -0.34	41.16 2.29 -4.11	44.34 2.37 -6.48	46.53 2.19 -9.08
GLENWOOD_IC_1_G5 23712	44.61 2.49 0.00	42.04 2.16 0.00	44.96 2.10 0.00	42.61 1.89 0.00	44.95 1.82 0.00	50.95 2.03 0.00	92.61 3.47 0.00	95.34 3.84 0.00	55.75 2.40 0.00	44.39 2.16 0.00	51.27 2.74 0.00	46.84 2.66 0.00	39.17 2.28 0.00	42.10 2.57 0.00	46.44 2.67 -1.87	62.00 3.15 0.00	67.58 3.33 0.00	123.89 6.37 -0.93	137.23 3.90 -69.40	53.63 3.25 0.00	46.22 2.67 -0.34	41.23 2.24 -4.24	44.36 2.39 -6.49	46.55 2.21 -9.08
GLENWOOD_IC_2_G1 23688	44.38 2.26 0.00	41.85 1.97 0.00	44.78 1.92 0.00	42.46 1.74 0.00	44.81 1.68 0.00	50.86 1.95 0.00	92.53 3.47 0.00	95.21 3.84 0.00	55.64 2.28 0.00	44.26 2.03 0.00	51.06 2.52 0.00	46.65 2.46 0.00	39.00 2.11 0.00	41.90 2.37 0.00	46.24 2.47 -1.87	61.80 2.95 0.00	67.33 3.08 0.00	122.57 5.98 0.00	67.48 3.56 0.00	53.34 2.96 0.00	45.99 2.44 -0.34	40.90 2.03 -4.11	44.12 2.15 -6.48	46.34 2.00 -9.08
GLENWOOD_IC_3_G1 23689	44.38 2.26 0.00	41.85 1.97 0.00	44.78 1.92 0.00	42.46 1.74 0.00	44.81 1.68 0.00	50.86 1.95 0.00	92.53 3.47 0.00	95.21 3.84 0.00	55.64 2.28 0.00	44.26 2.03 0.00	51.06 2.52 0.00	46.65 2.46 0.00	39.00 2.11 0.00	41.90 2.37 0.00	46.24 2.47 -1.87	61.80 2.95 0.00	67.33 3.08 0.00	122.57 5.98 0.00	67.48 3.56 0.00	53.34 2.96 0.00	45.99 2.44 -0.34	40.90 2.03 -4.11	44.12 2.15 -6.48	46.34 2.00 -9.08
GLENWOOD____4 23550	44.61 2.49 0.00	42.04 2.16 0.00	44.96 2.10 0.00	42.61 1.89 0.00	44.95 1.82 0.00	50.95 2.03 0.00	92.61 3.47 0.00	95.34 3.84 0.00	55.75 2.40 0.00	44.39 2.16 0.00	51.27 2.74 0.00	46.84 2.66 0.00	39.17 2.28 0.00	42.10 2.57 0.00	46.44 2.67 -1.87	62.00 3.15 0.00	67.58 3.33 0.00	123.89 6.37 -0.93	137.23 3.90 -69.40	53.63 3.25 0.00	46.22 2.67 -0.34	41.23 2.24 -4.24	44.36 2.39 -6.49	46.55 2.21 -9.08
GLENWOOD____5 23614	44.61 2.49 0.00	42.04 2.16 0.00	44.96 2.10 0.00	42.61 1.89 0.00	44.95 1.82 0.00	50.95 2.03 0.00	92.61 3.47 0.00	95.34 3.84 0.00	55.75 2.40 0.00	44.39 2.16 0.00	51.27 2.74 0.00	46.84 2.66 0.00	39.17 2.28 0.00	42.10 2.57 0.00	46.44 2.67 -1.87	62.00 3.15 0.00	67.58 3.33 0.00	123.89 6.37 -0.93	137.23 3.90 -69.40	53.63 3.25 0.00	46.22 2.67 -0.34	41.23 2.24 -4.24	44.36 2.39 -6.49	46.55 2.21 -9.08
GLOBAL GREEN_PORT_GT1 23814	44.47 2.36 0.00	41.76 1.87 0.00	44.83 1.97 0.00	41.97 1.25 0.00	44.13 1.01 0.00	49.66 0.74 0.00	92.05 1.00 -1.98	96.88 1.16 -4.35	53.95 0.59 0.00	43.20 0.96 0.00	50.49 1.96 0.00	46.37 2.19 0.00	39.09 2.19 0.00	42.31 2.78 0.00	47.00 3.23 -1.87	66.25 3.76 -3.64	74.01 4.72 -5.05	132.54 8.61 -7.34	130.10 5.54 -60.63	54.94 4.56 0.00	47.47 3.84 -0.43	42.31 3.35 -4.21	45.59 3.61 -6.49	47.79 3.45 -9.08
GLOBE____DSASP 323697	40.45 -1.66 0.00	38.26 -1.63 0.00	41.98 -0.88 0.00	40.28 -0.44 0.00	42.90 -0.22 0.00	48.33 -0.59 0.00	85.98 -3.09 0.00	87.18 -4.19 0.00	50.60 -2.76 0.00	40.30 -1.93 0.00	47.28 -1.25 0.00	42.50 -1.68 0.00	35.07 -1.83 0.00	37.46 -2.07 0.00	39.58 -2.33 0.00	55.90 -2.95 0.00	60.66 -3.59 0.00	109.38 -7.20 0.00	59.82 -4.11 0.00	46.61 -3.77 0.00	39.28 -3.99 -0.05	32.10 -3.28 -0.63	33.41 -3.06 -0.99	34.47 -2.18 -1.39
GOETHSLN____LBMP 323567	44.20 2.08 0.00	41.70 1.81 0.00	44.60 1.74 0.00	42.33 1.61 0.00	44.70 1.57 0.00	50.87 1.95 0.00	92.67 3.61 0.00	95.43 4.06 0.00	55.76 2.40 0.00	44.32 2.09 0.00	51.05 2.51 0.00	46.67 2.49 0.00	39.03 2.13 0.00	41.91 2.38 0.00	46.41 2.52 -1.99	61.91 3.06 0.00	67.45 3.20 0.00	123.95 6.40 -0.96	67.50 3.58 0.00	53.32 2.94 0.00	45.98 2.43 -0.34	40.85 1.99 -4.11	44.04 2.08 -6.48	46.23 1.89 -9.08
GOLAH____69_KV_TB 1_2 80279	41.83 -0.29 0.00	39.57 -0.32 0.00	43.08 0.22 0.00	41.26 0.54 0.00	43.98 0.85 0.00	49.92 1.01 0.00	90.36 1.29 0.00	92.19 0.82 0.00	53.56 0.20 0.00	42.31 0.08 0.00	48.79 0.26 0.00	43.96 -0.23 0.00	36.37 -0.52 0.00	38.92 -0.61 0.00	41.29 -0.62 0.00	58.64 -0.21 0.00	64.27 0.03 0.00	116.49 -0.09 0.00	63.77 -0.15 0.00	49.85 -0.53 0.00	42.22 -1.04 -0.04	34.22 -1.03 -0.49	35.31 -0.95 -0.78	35.84 -0.51 -1.09
GOODYEAR_LAKE_HYD 323669	42.77 0.65 0.00	40.47 0.58 0.00	43.46 0.60 0.00	41.37 0.66 0.00	43.87 0.74 0.00	49.78 0.86 0.00	90.92 1.85 0.00	93.47 2.09 0.00	54.66 1.30 0.00	43.54 1.31 0.00	50.10 1.57 0.00	45.57 1.38 0.00	38.04 1.15 0.00	40.57 1.04 0.00	42.85 0.95 0.00	60.45 1.60 0.00	66.00 1.75 0.00	119.91 3.32 0.00	65.85 1.93 0.00	51.87 1.49 0.00	44.41 1.09 -0.11	36.79 0.71 -1.32	38.21 0.64 -2.09	38.70 0.51 -2.93
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.69 -0.43 0.00	39.50 -0.39 0.00	42.50 -0.36 0.00	40.57 -0.15 0.00	43.09 -0.04 0.00	48.87 -0.05 0.00	88.82 -0.25 0.00	91.19 -0.18 0.00	52.95 -0.41 0.00	41.49 -0.74 0.00	48.15 -0.38 0.00	43.42 -0.76 0.00	36.09 -0.80 0.00	39.17 -0.37 0.00	41.81 -0.10 0.00	58.91 0.06 0.00	64.28 0.03 0.00	116.33 -0.25 0.00	63.89 -0.04 0.00	50.24 -0.14 0.00	42.93 -0.40 -0.11	35.65 -0.47 -1.36	37.18 -0.45 -2.15	37.88 -0.39 -3.01

GOUDEY___7 23579	41.69 -0.43 0.00	39.50 -0.39 0.00	42.50 -0.36 0.00	40.57 -0.15 0.00	43.09 -0.04 0.00	48.87 -0.05 0.00	88.82 -0.25 0.00	91.19 -0.18 0.00	52.95 -0.41 0.00	41.49 -0.74 0.00	48.15 -0.38 0.00	43.42 -0.76 0.00	36.09 -0.80 0.00	39.17 -0.37 0.00	41.81 -0.10 0.00	58.91 0.06 0.00	64.28 0.03 0.00	116.33 -0.25 0.00	63.89 -0.04 0.00	50.24 -0.14 0.00	42.93 -0.40 -0.11	35.65 -0.47 -1.36	37.18 -0.45 -2.15	37.88 -0.39 -3.01
GOUDEY___8 23580	41.69 -0.43 0.00	39.50 -0.39 0.00	42.50 -0.36 0.00	40.57 -0.15 0.00	43.09 -0.04 0.00	48.87 -0.05 0.00	88.82 -0.25 0.00	91.19 -0.18 0.00	52.95 -0.41 0.00	41.49 -0.74 0.00	48.15 -0.38 0.00	43.42 -0.76 0.00	36.09 -0.80 0.00	39.17 -0.37 0.00	41.81 -0.10 0.00	58.91 0.06 0.00	64.28 0.03 0.00	116.33 -0.25 0.00	63.89 -0.04 0.00	50.24 -0.14 0.00	42.93 -0.40 -0.11	35.65 -0.47 -1.36	37.18 -0.45 -2.15	37.88 -0.39 -3.01
GOWANUS_GT1_1 24077	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.79 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT1_2 24078	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.79 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT1_3 24079	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.79 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT1_4 24080	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.79 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT1_5 24084	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.79 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT1_6 24111	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.79 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT1_7 24112	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.79 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT1_8 24113	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.79 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT2_1 24114	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT2_2 24115	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT2_3 24116	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT2_4 24117	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT2_5 24118	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08

GOWANUS_GT2_6 24119	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT2_7 24120	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT2_8 24121	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT3_1 24122	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.80 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT3_2 24123	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.80 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT3_3 24124	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.80 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT3_4 24125	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.80 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT3_5 24126	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.80 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT3_6 24127	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.80 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT3_7 24128	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.80 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT3_8 24129	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.13 2.59 0.00	46.80 2.61 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
GOWANUS_GT4_1 24130	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT4_2 24131	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT4_3 24132	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT4_4 24133	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08

GOWANUS_GT4_5 24134	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT4_6 24135	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT4_7 24136	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GOWANUS_GT4_8 24137	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GREATVRV_69_KV_BK1 356245	45.48 3.37 0.00	42.72 2.83 0.00	45.65 2.79 0.00	43.12 2.40 0.00	45.35 2.22 0.00	51.05 2.13 0.00	94.10 3.62 -1.41	98.67 4.19 -3.10	55.69 2.34 0.00	44.50 2.27 0.00	51.67 3.14 0.00	47.11 2.93 0.00	39.40 2.51 0.00	42.46 2.93 0.00	46.80 3.02 -1.87	65.13 3.69 -2.59	71.79 3.95 -3.59	128.29 6.34 -5.36	127.87 4.75 -59.20	54.49 4.11 0.00	47.03 3.41 -0.41	41.81 2.85 -4.21	45.08 3.10 -6.49	47.28 2.94 -9.08
GREENBSH_115KV_TB3 55895	43.11 0.99 0.00	40.86 0.98 0.00	43.84 0.98 0.00	41.58 0.87 0.00	43.93 0.80 0.00	49.79 0.87 0.00	90.57 1.51 0.00	92.77 1.40 0.00	54.33 0.97 0.00	42.99 0.76 0.00	49.12 0.59 0.00	45.00 0.81 0.00	37.66 0.76 0.00	40.41 0.87 0.00	42.85 0.95 0.00	60.00 1.16 0.00	65.42 1.17 0.00	118.84 2.26 0.00	65.21 1.28 0.00	51.48 1.10 0.00	44.67 1.05 -0.42	40.64 0.89 -4.99	44.25 0.90 -7.88	47.21 0.92 -11.03
GREENDGE_115KV_TB5 80291	41.40 -0.72 0.00	39.32 -0.57 0.00	42.52 -0.34 0.00	40.82 0.11 0.00	43.59 0.46 0.00	49.72 0.80 0.00	90.82 1.76 0.00	93.46 2.09 0.00	54.23 0.88 0.00	42.42 0.19 0.00	48.90 0.37 0.00	43.79 -0.39 0.00	36.18 -0.71 0.00	39.13 -0.41 0.00	41.87 -0.03 0.00	59.82 0.98 0.00	65.84 1.60 0.00	119.32 2.74 0.00	65.33 1.40 0.00	50.99 0.61 0.00	43.09 -0.20 -0.09	35.15 -0.63 -1.02	36.40 -0.70 -1.62	36.95 -0.57 -2.26
GREENIDGE___3 23582	41.40 -0.72 0.00	39.32 -0.57 0.00	42.52 -0.34 0.00	40.82 0.11 0.00	43.59 0.46 0.00	49.72 0.80 0.00	90.82 1.76 0.00	93.46 2.09 0.00	54.23 0.88 0.00	42.42 0.19 0.00	48.90 0.37 0.00	43.79 -0.39 0.00	36.18 -0.71 0.00	39.13 -0.41 0.00	41.87 -0.03 0.00	59.82 0.98 0.00	65.84 1.60 0.00	119.32 2.74 0.00	65.33 1.40 0.00	50.99 0.61 0.00	43.09 -0.20 -0.09	35.15 -0.63 -1.02	36.40 -0.70 -1.62	36.95 -0.57 -2.26
GREENIDGE___4 23583	41.40 -0.72 0.00	39.32 -0.57 0.00	42.52 -0.34 0.00	40.82 0.11 0.00	43.59 0.46 0.00	49.72 0.81 0.00	90.82 1.75 0.00	93.46 2.09 0.00	54.23 0.88 0.00	42.42 0.19 0.00	48.90 0.37 0.00	43.79 -0.39 0.00	36.18 -0.71 0.00	39.13 -0.41 0.00	41.87 -0.03 0.00	59.82 0.98 0.00	65.84 1.59 0.00	119.32 2.74 0.00	65.33 1.40 0.00	50.99 0.61 0.00	43.09 -0.20 -0.09	35.15 -0.63 -1.02	36.40 -0.69 -1.62	36.95 -0.57 -2.26
GREENLWN_69_KV_BK 3 55738	44.74 2.62 0.00	42.04 2.15 0.00	44.93 2.07 0.00	42.43 1.71 0.00	44.58 1.45 0.00	50.13 1.21 0.00	88.24 1.56 2.39	88.09 1.95 5.23	54.64 1.29 0.00	43.76 1.53 0.00	50.91 2.38 0.00	46.46 2.28 0.00	38.86 1.97 0.00	41.85 2.31 0.00	45.99 2.22 -1.87	56.67 2.19 4.37	60.49 2.30 6.06	112.35 4.06 8.30	107.35 3.12 -40.30	53.19 2.82 0.00	45.73 2.30 -0.23	41.04 2.08 -4.21	44.36 2.38 -6.49	46.57 2.23 -9.08
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08
GRISSOM___SOLAR 323813	43.32 1.20 0.00	40.97 1.08 0.00	44.02 1.16 0.00	41.81 1.09 0.00	44.38 1.25 0.00	50.38 1.46 0.00	92.06 3.00 0.00	94.51 3.14 0.00	54.68 1.32 0.00	42.72 0.49 0.00	49.32 0.79 0.00	44.66 0.47 0.00	37.18 0.29 0.00	39.75 0.21 0.00	42.33 0.42 0.00	60.49 1.64 0.00	66.51 2.26 0.00	121.01 4.42 0.00	66.29 2.36 0.00	52.25 1.87 0.00	45.19 1.51 -0.47	41.57 1.19 -5.63	45.51 1.14 -8.89	48.76 1.05 -12.44
GROVEVILLE___HYD 323602	44.35 2.23 0.00	41.90 2.01 0.00	44.88 2.02 0.00	42.60 1.88 0.00	45.04 1.91 0.00	51.18 2.26 0.00	93.31 4.24 0.00	95.94 4.57 0.00	55.97 2.61 0.00	44.36 2.13 0.00	51.04 2.51 0.00	46.56 2.37 0.00	38.90 2.01 0.00	41.79 2.26 0.00	44.36 2.45 0.00	62.01 3.16 0.00	67.66 3.41 0.00	123.24 6.65 0.00	67.71 3.78 0.00	53.45 3.07 0.00	46.14 2.58 -0.34	40.97 2.09 -4.13	44.14 2.15 -6.51	46.37 1.99 -9.12
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.44 -0.68 0.00	39.22 -0.66 0.00	42.20 -0.67 0.00	40.18 -0.54 0.00	42.65 -0.48 0.00	48.41 -0.51 0.00	88.19 -0.87 0.00	90.52 -0.85 0.00	52.72 -0.64 0.00	41.59 -0.64 0.00	47.94 -0.60 0.00	43.44 -0.74 0.00	36.15 -0.74 0.00	38.83 -0.71 0.00	41.27 -0.64 0.00	58.19 -0.66 0.00	63.68 -0.57 0.00	115.62 -0.97 0.00	63.38 -0.55 0.00	49.85 -0.54 0.00	42.64 -0.60 -0.04	34.67 -0.52 -0.43	35.60 -0.57 -0.69	35.66 -0.55 -0.96
HAMLTNNY_34_KV_TB 80303	41.57 -0.55 0.00	39.34 -0.55 0.00	42.36 -0.50 0.00	40.35 -0.37 0.00	42.86 -0.27 0.00	48.66 -0.26 0.00	88.65 -0.42 0.00	90.95 -0.42 0.00	52.92 -0.44 0.00	41.75 -0.48 0.00	48.16 -0.38 0.00	43.61 -0.58 0.00	36.25 -0.64 0.00	38.95 -0.58 0.00	41.41 -0.50 0.00	58.47 -0.37 0.00	63.95 -0.30 0.00	116.10 -0.49 0.00	63.63 -0.30 0.00	49.99 -0.39 0.00	42.74 -0.51 -0.04	34.75 -0.47 -0.46	35.70 -0.50 -0.73	35.80 -0.47 -1.02

HAMPSHIRE___PAPER_HYD 323593	42.60 0.48 0.00	40.39 0.50 0.00	42.98 0.12 0.00	40.44 -0.28 0.00	43.17 0.04 0.00	49.07 0.15 0.00	89.44 0.38 0.00	92.78 1.41 0.00	54.49 1.13 0.00	42.72 0.49 0.00	49.57 1.04 0.00	44.53 0.34 0.00	36.81 -0.08 0.00	39.08 -0.45 0.00	40.99 -0.91 0.00	57.96 -0.88 0.00	64.40 0.15 0.00	116.39 -0.20 0.00	63.04 -0.88 0.00	49.84 -0.54 0.00	43.26 0.04 -0.01	34.71 -0.16 -0.12	35.36 -0.31 -0.19	34.95 -0.58 -0.27
HARDSCRABBLE_WT_PWR 323673	44.26 2.14 0.00	41.90 2.02 0.00	44.97 2.11 0.00	42.89 2.17 0.00	45.44 2.31 0.00	51.57 2.65 0.00	94.15 5.08 0.00	96.52 5.15 0.00	56.02 2.66 0.00	43.92 1.68 0.00	50.38 1.85 0.00	46.09 1.91 0.00	38.43 1.54 0.00	41.04 1.50 0.00	43.93 2.03 0.00	62.44 3.60 0.00	68.61 4.36 0.00	124.86 8.27 0.00	68.55 4.62 0.00	53.94 3.56 0.00	46.27 3.07 0.00	37.27 2.51 0.00	37.97 2.49 0.00	37.67 2.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.11 1.99 0.00	41.65 1.77 0.00	44.61 1.75 0.00	42.36 1.64 0.00	44.78 1.66 0.00	50.92 2.00 0.00	92.80 3.73 0.00	95.38 4.00 0.00	55.62 2.26 0.00	44.14 1.91 0.00	50.81 2.27 0.00	46.37 2.18 0.00	38.74 1.84 0.00	41.58 2.04 0.00	41.69 2.17 2.39	61.59 2.75 0.00	67.21 2.97 0.00	122.56 5.98 0.00	67.28 3.35 0.00	53.12 2.74 0.00	45.83 2.30 -0.32	40.47 1.85 -3.87	43.50 1.92 -6.10	45.57 1.77 -8.55
HARSNRAD_115KV_TB1 81005	40.87 -1.25 0.00	38.67 -1.22 0.00	42.41 -0.45 0.00	40.71 0.00 0.00	43.39 0.26 0.00	48.88 -0.04 0.00	87.44 -1.63 0.00	89.14 -2.23 0.00	51.88 -1.49 0.00	41.23 -1.00 0.00	48.00 -0.53 0.00	43.16 -1.03 0.00	35.57 -1.32 0.00	38.01 -1.52 0.00	40.20 -1.70 0.00	56.90 -1.95 0.00	62.05 -2.20 0.00	112.33 -4.25 0.00	61.40 -2.53 0.00	47.82 -2.56 0.00	40.28 -2.98 -0.05	32.70 -2.68 -0.62	33.99 -2.47 -0.98	34.95 -1.68 -1.37
HARZA MOOSE___RIVER 24016	42.21 0.09 0.00	40.03 0.15 0.00	43.03 0.17 0.00	40.78 0.06 0.00	43.57 0.44 0.00	49.66 0.74 0.00	90.66 1.59 0.00	93.88 2.51 0.00	55.63 2.27 0.00	43.75 1.52 0.00	50.38 1.85 0.00	44.99 0.81 0.00	37.40 0.51 0.00	39.90 0.37 0.00	42.17 0.26 0.00	59.61 0.77 0.00	66.05 1.80 0.00	119.84 3.25 0.00	65.29 1.36 0.00	51.29 0.91 0.00	43.88 0.66 -0.01	35.23 0.33 -0.14	35.96 0.26 -0.23	35.63 0.06 -0.32
HDSNBRDG_115KV_BRDG_TB1 355580	41.16 -0.96 0.00	38.96 -0.92 0.00	41.96 -0.90 0.00	39.95 -0.77 0.00	42.37 -0.76 0.00	48.06 -0.86 0.00	87.46 -1.61 0.00	89.77 -1.61 0.00	52.34 -1.02 0.00	41.29 -0.94 0.00	47.60 -0.94 0.00	43.15 -1.04 0.00	35.92 -0.97 0.00	38.59 -0.95 0.00	41.00 -0.90 0.00	57.78 -1.06 0.00	63.18 -1.07 0.00	114.63 -1.95 0.00	62.89 -1.04 0.00	49.45 -0.92 0.00	42.29 -0.96 -0.03	34.36 -0.80 -0.41	35.28 -0.84 -0.64	35.37 -0.79 -0.90
HELLGATE_13_KV_LD 55870	44.59 2.47 0.00	42.07 2.19 0.00	45.00 2.14 0.00	42.71 2.00 0.00	45.10 1.97 0.00	51.32 2.40 0.00	93.48 4.41 0.00	96.32 4.95 0.00	56.34 2.98 0.00	44.78 2.55 0.00	51.64 3.11 0.00	47.22 3.04 0.00	39.52 2.62 0.00	42.41 2.87 0.00	46.93 3.04 -1.98	62.61 3.77 0.00	68.11 3.87 0.00	125.28 7.75 -0.95	68.14 4.21 0.00	53.84 3.46 0.00	46.41 2.86 -0.34	41.22 2.36 -4.11	44.41 2.45 -6.48	46.60 2.26 -9.08
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.59 2.47 0.00	42.07 2.19 0.00	45.00 2.14 0.00	42.71 2.00 0.00	45.10 1.97 0.00	51.32 2.40 0.00	93.48 4.41 0.00	96.32 4.95 0.00	56.34 2.98 0.00	44.78 2.55 0.00	51.64 3.11 0.00	47.22 3.04 0.00	39.52 2.62 0.00	42.41 2.87 0.00	46.93 3.04 -1.98	62.61 3.77 0.00	68.11 3.87 0.00	125.28 7.75 -0.95	68.14 4.21 0.00	53.84 3.46 0.00	46.41 2.86 -0.34	41.22 2.36 -4.11	44.41 2.45 -6.48	46.60 2.26 -9.08
HEMPSTEAD___ 23647	44.55 2.43 0.00	41.92 2.03 0.00	44.81 1.95 0.00	42.42 1.70 0.00	44.69 1.56 0.00	50.52 1.60 0.00	91.63 2.57 0.00	94.39 3.02 0.00	55.28 1.92 0.00	44.07 1.84 0.00	51.00 2.47 0.00	46.60 2.41 0.00	38.96 2.07 0.00	41.93 2.40 0.00	46.20 2.43 -1.87	61.59 2.74 0.00	67.09 2.84 0.00	122.81 5.35 -0.88	132.76 3.61 -65.22	53.45 3.07 0.00	46.05 2.50 -0.34	41.15 2.16 -4.23	44.31 2.33 -6.49	46.49 2.15 -9.08
HICKLING___1 23621	40.77 -1.34 0.00	38.72 -1.17 0.00	41.85 -1.01 0.00	40.17 -0.54 0.00	42.87 -0.26 0.00	48.77 -0.15 0.00	88.70 -0.37 0.00	91.11 -0.27 0.00	52.89 -0.47 0.00	41.54 -0.69 0.00	48.32 -0.21 0.00	43.46 -0.72 0.00	36.01 -0.88 0.00	39.01 -0.52 0.00	41.57 -0.34 0.00	58.90 0.05 0.00	64.29 0.04 0.00	116.03 -0.55 0.00	63.63 -0.30 0.00	49.75 -0.63 0.00	42.08 -1.22 -0.09	34.52 -1.35 -1.11	35.89 -1.33 -1.75	36.55 -1.16 -2.45
HICKLING___2 23622	40.77 -1.34 0.00	38.72 -1.17 0.00	41.85 -1.01 0.00	40.17 -0.54 0.00	42.87 -0.26 0.00	48.77 -0.15 0.00	88.70 -0.37 0.00	91.11 -0.27 0.00	52.89 -0.47 0.00	41.54 -0.69 0.00	48.32 -0.21 0.00	43.46 -0.72 0.00	36.01 -0.88 0.00	39.01 -0.52 0.00	41.57 -0.34 0.00	58.90 0.05 0.00	64.29 0.04 0.00	116.03 -0.55 0.00	63.63 -0.30 0.00	49.75 -0.63 0.00	42.08 -1.22 -0.09	34.52 -1.35 -1.11	35.89 -1.33 -1.75	36.55 -1.16 -2.45
HIGH FALLS___HY 23754	44.34 2.22 0.00	41.86 1.97 0.00	44.84 1.98 0.00	42.58 1.87 0.00	45.04 1.91 0.00	51.20 2.28 0.00	93.47 4.41 0.00	96.39 5.01 0.00	56.22 2.86 0.00	44.45 2.22 0.00	51.06 2.53 0.00	46.44 2.26 0.00	38.75 1.85 0.00	41.40 1.87 0.00	44.05 2.14 0.00	61.66 2.81 0.00	67.46 3.21 0.00	123.14 6.56 0.00	67.69 3.76 0.00	53.27 2.90 0.00	45.89 2.34 -0.34	40.98 2.12 -4.10	44.13 2.18 -6.48	46.31 1.98 -9.07
HIGH_RIVER___SOLAR 323847	43.18 1.06 0.00	40.85 0.96 0.00	43.89 1.03 0.00	41.69 0.97 0.00	44.25 1.12 0.00	50.23 1.31 0.00	91.74 2.68 0.00	94.09 2.72 0.00	54.23 0.88 0.00	42.54 0.31 0.00	49.12 0.58 0.00	44.51 0.33 0.00	37.09 0.20 0.00	39.66 0.13 0.00	42.15 0.24 0.00	60.15 1.30 0.00	66.28 2.03 0.00	120.62 4.03 0.00	66.07 2.15 0.00	52.06 1.68 0.00	45.07 1.39 -0.46	41.39 1.07 -5.57	45.28 1.03 -8.78	48.53 0.97 -12.30
HILLBURN___GT 23639	43.99 1.87 0.00	41.53 1.65 0.00	44.46 1.60 0.00	42.20 1.49 0.00	44.61 1.49 0.00	50.71 1.79 0.00	92.43 3.37 0.00	94.95 3.57 0.00	55.36 2.01 0.00	43.98 1.74 0.00	50.65 2.12 0.00	46.28 2.09 0.00	38.66 1.76 0.00	41.49 1.96 0.00	41.19 2.05 2.77	61.27 2.42 0.00	66.83 2.58 0.00	121.94 5.35 0.00	66.92 3.00 0.00	52.85 2.47 0.00	45.61 2.08 -0.33	40.37 1.70 -3.92	43.46 1.79 -6.19	45.57 1.64 -8.66
HILLSIDE_115KV_TB1 80332	40.49 -1.63 0.00	38.42 -1.47 0.00	41.41 -1.45 0.00	39.70 -1.02 0.00	42.32 -0.81 0.00	48.03 -0.89 0.00	87.25 -1.82 0.00	89.59 -1.79 0.00	52.01 -1.35 0.00	40.88 -1.35 0.00	47.63 -0.90 0.00	42.84 -1.34 0.00	35.56 -1.33 0.00	38.60 -0.93 0.00	41.09 -0.82 0.00	58.00 -0.85 0.00	63.17 -1.08 0.00	113.90 -2.69 0.00	62.59 -1.33 0.00	49.08 -1.30 0.00	41.67 -1.64 -0.10	34.29 -1.61 -1.14	35.72 -1.56 -1.80	36.37 -1.42 -2.53

HISHELDN_WT_PWR 323625	40.15 -1.97 0.00	38.12 -1.76 0.00	41.76 -1.10 0.00	40.21 -0.51 0.00	43.06 -0.07 0.00	48.88 -0.03 0.00	88.03 -1.04 0.00	89.81 -1.56 0.00	52.21 -1.15 0.00	41.34 -0.89 0.00	48.21 -0.31 0.00	43.38 -0.80 0.00	35.83 -1.07 0.00	38.40 -1.13 0.00	40.69 -1.22 0.00	57.77 -1.08 0.00	63.07 -1.18 0.00	113.89 -2.69 0.00	62.14 -1.78 0.00	48.21 -2.17 0.00	40.45 -2.82 -0.06	32.78 -2.73 -0.76	34.09 -2.58 -1.19	34.91 -2.02 -1.67
HOLTSVILLE_IC_1 23690	44.75 2.64 0.00	42.04 2.16 0.00	44.92 2.06 0.00	42.37 1.66 0.00	44.50 1.38 0.00	49.95 1.03 0.00	92.98 1.18 -2.74	98.78 1.40 -6.01	54.29 0.93 0.00	43.47 1.24 0.00	50.52 1.99 0.00	46.12 1.93 0.00	38.59 1.69 0.00	41.53 2.00 0.00	45.82 2.04 -1.87	65.83 1.97 -5.02	73.47 2.26 -6.97	130.37 3.67 -10.11	131.26 3.09 -64.25	53.19 2.81 0.00	45.95 2.30 -0.44	41.09 2.12 -4.21	44.37 2.40 -6.49	46.64 2.30 -9.08
HOLTSVILLE_IC_10 23699	45.04 2.92 0.00	42.28 2.39 0.00	45.16 2.30 0.00	42.62 1.90 0.00	44.80 1.67 0.00	50.31 1.39 0.00	92.48 1.90 -1.52	96.87 2.17 -3.32	54.68 1.33 0.00	43.79 1.56 0.00	50.91 2.38 0.00	46.43 2.24 0.00	38.84 1.95 0.00	41.83 2.30 0.00	46.18 2.41 -1.87	64.14 2.51 -2.78	70.87 2.77 -3.86	126.39 4.14 -5.66	126.05 3.51 -58.61	53.70 3.32 0.00	46.30 2.67 -0.42	41.28 2.31 -4.21	44.55 2.58 -6.49	46.81 2.47 -9.08
HOLTSVILLE_IC_2 23691	44.75 2.64 0.00	42.04 2.16 0.00	44.92 2.06 0.00	42.37 1.66 0.00	44.50 1.38 0.00	49.95 1.03 0.00	92.98 1.18 -2.74	98.78 1.40 -6.01	54.29 0.93 0.00	43.47 1.24 0.00	50.52 1.99 0.00	46.12 1.93 0.00	38.59 1.69 0.00	41.53 2.00 0.00	45.82 2.04 -1.87	65.83 1.97 -5.02	73.47 2.26 -6.97	130.37 3.67 -10.11	131.26 3.09 -64.25	53.19 2.81 0.00	45.95 2.30 -0.44	41.09 2.12 -4.21	44.37 2.40 -6.49	46.64 2.30 -9.08
HOLTSVILLE_IC_3 23692	44.75 2.64 0.00	42.04 2.16 0.00	44.92 2.06 0.00	42.37 1.66 0.00	44.50 1.38 0.00	49.95 1.03 0.00	92.98 1.18 -2.74	98.78 1.40 -6.01	54.29 0.93 0.00	43.47 1.24 0.00	50.52 1.99 0.00	46.12 1.93 0.00	38.59 1.69 0.00	41.53 2.00 0.00	45.82 2.04 -1.87	65.83 1.97 -5.02	73.47 2.26 -6.97	130.37 3.67 -10.11	131.26 3.09 -64.25	53.19 2.81 0.00	45.95 2.30 -0.44	41.09 2.12 -4.21	44.37 2.40 -6.49	46.64 2.30 -9.08
HOLTSVILLE_IC_4 23693	44.75 2.64 0.00	42.04 2.16 0.00	44.92 2.06 0.00	42.37 1.66 0.00	44.50 1.38 0.00	49.95 1.03 0.00	92.98 1.18 -2.74	98.78 1.40 -6.01	54.29 0.93 0.00	43.47 1.24 0.00	50.52 1.99 0.00	46.12 1.93 0.00	38.59 1.69 0.00	41.53 2.00 0.00	45.82 2.04 -1.87	65.83 1.97 -5.02	73.47 2.26 -6.97	130.37 3.67 -10.11	131.26 3.09 -64.25	53.19 2.81 0.00	45.95 2.30 -0.44	41.09 2.12 -4.21	44.37 2.40 -6.49	46.64 2.30 -9.08
HOLTSVILLE_IC_5 23694	44.75 2.64 0.00	42.04 2.16 0.00	44.92 2.06 0.00	42.37 1.66 0.00	44.50 1.38 0.00	49.95 1.03 0.00	92.98 1.18 -2.74	98.78 1.40 -6.01	54.29 0.93 0.00	43.47 1.24 0.00	50.52 1.99 0.00	46.12 1.93 0.00	38.59 1.69 0.00	41.53 2.00 0.00	45.82 2.04 -1.87	65.83 1.97 -5.02	73.47 2.26 -6.97	130.37 3.67 -10.11	131.26 3.09 -64.25	53.19 2.81 0.00	45.95 2.30 -0.44	41.09 2.12 -4.21	44.37 2.40 -6.49	46.64 2.30 -9.08
HOLTSVILLE_IC_6 23695	45.04 2.92 0.00	42.28 2.39 0.00	45.16 2.30 0.00	42.62 1.90 0.00	44.80 1.67 0.00	50.31 1.39 0.00	92.48 1.90 -1.52	96.87 2.17 -3.32	54.68 1.33 0.00	43.79 1.56 0.00	50.91 2.38 0.00	46.43 2.24 0.00	38.84 1.95 0.00	41.83 2.30 0.00	46.18 2.41 -1.87	64.14 2.51 -2.78	70.87 2.77 -3.86	126.39 4.14 -5.66	126.05 3.51 -58.61	53.70 3.32 0.00	46.30 2.67 -0.42	41.28 2.31 -4.21	44.55 2.58 -6.49	46.81 2.47 -9.08
HOLTSVILLE_IC_7 23696	45.04 2.92 0.00	42.28 2.39 0.00	45.16 2.30 0.00	42.62 1.90 0.00	44.80 1.67 0.00	50.31 1.39 0.00	92.48 1.90 -1.52	96.87 2.17 -3.32	54.68 1.33 0.00	43.79 1.56 0.00	50.91 2.38 0.00	46.43 2.24 0.00	38.84 1.95 0.00	41.83 2.30 0.00	46.18 2.41 -1.87	64.14 2.51 -2.78	70.87 2.77 -3.86	126.39 4.14 -5.66	126.05 3.51 -58.61	53.70 3.32 0.00	46.30 2.67 -0.42	41.28 2.31 -4.21	44.55 2.58 -6.49	46.81 2.47 -9.08
HOLTSVILLE_IC_8 23697	45.04 2.92 0.00	42.28 2.39 0.00	45.16 2.30 0.00	42.62 1.90 0.00	44.80 1.67 0.00	50.31 1.39 0.00	92.48 1.90 -1.52	96.87 2.17 -3.32	54.68 1.33 0.00	43.79 1.56 0.00	50.91 2.38 0.00	46.43 2.24 0.00	38.84 1.95 0.00	41.83 2.30 0.00	46.18 2.41 -1.87	64.14 2.51 -2.78	70.87 2.77 -3.86	126.39 4.14 -5.66	126.05 3.51 -58.61	53.70 3.32 0.00	46.30 2.67 -0.42	41.28 2.31 -4.21	44.55 2.58 -6.49	46.81 2.47 -9.08
HOLTSVILLE_IC_9 23698	45.04 2.92 0.00	42.28 2.39 0.00	45.16 2.30 0.00	42.62 1.90 0.00	44.80 1.67 0.00	50.31 1.39 0.00	92.48 1.90 -1.52	96.87 2.17 -3.32	54.68 1.33 0.00	43.79 1.56 0.00	50.91 2.38 0.00	46.43 2.24 0.00	38.84 1.95 0.00	41.83 2.30 0.00	46.18 2.41 -1.87	64.14 2.51 -2.78	70.87 2.77 -3.86	126.39 4.14 -5.66	126.05 3.51 -58.61	53.70 3.32 0.00	46.30 2.67 -0.42	41.28 2.31 -4.21	44.55 2.58 -6.49	46.81 2.47 -9.08
HOMER_HL_115KV_TB2 355744	41.15 -0.97 0.00	39.02 -0.86 0.00	42.48 -0.39 0.00	40.86 0.15 0.00	43.67 0.55 0.00	49.37 0.45 0.00	88.57 -0.50 0.00	90.73 -0.65 0.00	52.69 -0.66 0.00	41.89 -0.35 0.00	49.02 0.49 0.00	44.08 -0.11 0.00	36.60 -0.30 0.00	39.38 -0.16 0.00	41.62 -0.29 0.00	58.78 -0.07 0.00	63.74 -0.51 0.00	114.16 -2.42 0.00	62.26 -1.67 0.00	48.67 -1.71 0.00	41.16 -2.11 -0.07	33.50 -2.05 -0.79	34.95 -1.78 -1.25	35.61 -1.41 -1.75
HOWARD_WT_PWR 323690	39.05 -3.07 0.00	37.35 -2.54 0.00	40.76 -2.10 0.00	39.35 -1.36 0.00	42.23 -0.90 0.00	48.56 -0.36 0.00	89.01 -0.06 0.00	91.73 0.36 0.00	53.38 0.02 0.00	42.02 -0.21 0.00	48.80 0.27 0.00	43.90 -0.28 0.00	36.26 -0.63 0.00	38.99 -0.55 0.00	41.51 -0.39 0.00	59.27 0.42 0.00	65.16 0.91 0.00	117.71 1.13 0.00	63.82 -0.10 0.00	49.31 -1.07 0.00	41.27 -2.02 -0.08	33.27 -2.42 -0.93	34.31 -2.64 -1.47	34.95 -2.37 -2.06
HQ_GEN_CEDARS 23644	44.39 2.27 0.00	42.06 2.17 0.00	44.41 1.55 0.00	41.66 0.95 0.00	44.25 1.12 0.00	50.43 1.51 0.00	92.38 3.31 0.00	95.24 3.87 0.00	55.44 2.09 0.00	43.50 1.27 0.00	50.14 1.61 0.00	45.34 1.16 0.00	37.42 0.52 0.00	39.75 0.21 0.00	41.77 -0.13 0.00	59.15 0.30 0.00	65.22 0.98 0.00	117.41 0.83 0.00	63.61 -0.32 0.00	50.67 0.29 0.00	44.41 1.20 0.00	35.35 0.59 0.00	35.86 0.38 0.00	35.21 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	44.39 2.27 0.00	42.05 2.17 0.00	44.41 1.55 0.00	41.66 0.95 0.00	43.79 1.12 0.47	50.98 1.51 -0.55	92.37 3.31 0.00	95.25 3.87 0.00	55.44 2.09 0.00	43.50 1.27 0.00	50.14 1.61 0.00	45.35 1.16 0.00	37.41 0.52 0.00	39.75 0.22 0.00	41.77 -0.13 0.00	59.15 0.30 0.00	65.22 0.98 0.00	117.42 0.83 0.00	63.61 -0.32 0.00	46.88 0.29 3.80	44.41 1.20 0.00	35.35 0.60 0.00	35.86 0.38 0.00	35.22 -0.04 0.00

HQ_GEN_IMPORT 323601	42.12 0.00 0.00	39.89 0.00 0.00	42.86 0.00 0.00	40.72 0.00 0.00	43.90 0.00 -0.77	48.92 0.00 0.00	89.07 0.00 0.00	91.37 0.00 0.00	53.36 0.00 0.00	42.23 0.00 0.00	48.53 0.00 0.00	44.19 0.00 0.00	36.52 0.00 0.37	39.53 0.00 0.00	41.91 0.00 0.00	58.85 0.00 0.00	64.25 0.00 0.00	116.51 0.00 0.08	63.93 0.00 0.00	46.58 0.00 3.80	43.21 0.00 0.00	34.76 0.00 0.00	35.48 0.00 0.00	35.26 0.00 0.00
HQ_GEN_WHEEL 23651	42.12 0.00 0.00	39.89 0.00 0.00	42.86 0.00 0.00	40.72 0.00 0.00	43.90 0.00 -0.77	48.92 0.00 0.00	89.07 0.00 0.00	91.37 0.00 0.00	53.36 0.00 0.00	42.23 0.00 0.00	48.53 0.00 0.00	44.19 0.00 0.00	36.52 0.00 0.37	39.53 0.00 0.00	41.91 0.00 0.00	58.85 0.00 0.00	64.25 0.00 0.00	116.51 0.00 0.08	63.93 0.00 0.00	46.58 0.00 3.80	43.21 0.00 0.00	34.76 0.00 0.00	35.48 0.00 0.00	35.26 0.00 0.00
HUDSON AVE_GT_3 23810	44.38 2.26 0.00	41.83 1.94 0.00	44.74 1.88 0.00	42.46 1.74 0.00	44.83 1.70 0.00	51.01 2.09 0.00	92.95 3.88 0.00	95.72 4.34 0.00	55.93 2.57 0.00	44.46 2.23 0.00	51.23 2.70 0.00	46.84 2.66 0.00	39.18 2.29 0.00	42.08 2.54 0.00	46.58 2.69 -1.99	62.14 3.30 0.00	67.66 3.42 0.00	124.30 6.75 -0.96	67.69 3.76 0.00	53.47 3.09 0.00	46.10 2.55 -0.34	40.95 2.09 -4.11	44.14 2.18 -6.48	46.33 2.00 -9.08
HUDSON AVE_GT_4 23540	44.38 2.26 0.00	41.83 1.94 0.00	44.74 1.88 0.00	42.46 1.74 0.00	44.83 1.70 0.00	51.01 2.09 0.00	92.95 3.88 0.00	95.72 4.34 0.00	55.93 2.57 0.00	44.46 2.23 0.00	51.23 2.70 0.00	46.84 2.66 0.00	39.18 2.29 0.00	42.08 2.54 0.00	46.58 2.69 -1.99	62.14 3.30 0.00	67.66 3.42 0.00	124.30 6.75 -0.96	67.69 3.76 0.00	53.47 3.09 0.00	46.10 2.55 -0.34	40.95 2.09 -4.11	44.14 2.18 -6.48	46.33 2.00 -9.08
HUDSON AVE_GT_5 23657	44.38 2.26 0.00	41.83 1.94 0.00	44.74 1.88 0.00	42.46 1.74 0.00	44.83 1.70 0.00	51.01 2.09 0.00	92.95 3.88 0.00	95.72 4.34 0.00	55.93 2.57 0.00	44.46 2.23 0.00	51.23 2.70 0.00	46.84 2.66 0.00	39.18 2.29 0.00	42.08 2.54 0.00	46.58 2.69 -1.99	62.14 3.30 0.00	67.66 3.42 0.00	124.30 6.75 -0.96	67.69 3.76 0.00	53.47 3.09 0.00	46.10 2.55 -0.34	40.95 2.09 -4.11	44.14 2.18 -6.48	46.33 2.00 -9.08
HUDSON_AVE_10 24168	44.16 2.04 0.00	41.70 1.82 0.00	44.60 1.73 0.00	42.32 1.60 0.00	44.69 1.56 0.00	50.88 1.96 0.00	92.71 3.64 0.00	95.52 4.15 0.00	55.82 2.46 0.00	44.37 2.14 0.00	51.10 2.57 0.00	46.74 2.55 0.00	39.10 2.21 0.00	41.98 2.44 0.00	46.49 2.60 -1.99	62.02 3.18 0.00	67.54 3.29 0.00	124.04 6.49 -0.96	67.55 3.62 0.00	53.38 3.00 0.00	46.02 2.47 -0.34	40.87 2.01 -4.11	44.05 2.09 -6.48	46.25 1.91 -9.08
HUDSON___115KV_TB 4 355613	43.95 1.83 0.00	41.67 1.78 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.87 1.74 0.00	50.91 1.99 0.00	92.86 3.80 0.00	95.23 3.86 0.00	55.44 2.08 0.00	43.46 1.23 0.00	49.61 1.08 0.00	45.41 1.23 0.00	37.98 1.08 0.00	40.69 1.16 0.00	43.23 1.33 0.00	61.00 2.15 0.00	67.08 2.84 0.00	122.02 5.43 0.00	67.02 3.09 0.00	52.88 2.51 0.00	45.79 2.18 -0.41	41.33 1.69 -4.89	44.83 1.64 -7.71	47.70 1.63 -10.80
HUNTER MOUNT___DRP 323613	44.13 2.01 0.00	41.85 1.96 0.00	44.91 2.05 0.00	42.63 1.91 0.00	45.10 1.97 0.00	51.17 2.25 0.00	93.44 4.37 0.00	95.85 4.48 0.00	55.73 2.38 0.00	43.62 1.38 0.00	49.73 1.20 0.00	45.53 1.35 0.00	38.05 1.16 0.00	40.75 1.22 0.00	43.36 1.45 0.00	61.26 2.41 0.00	67.47 3.22 0.00	122.57 5.99 0.00	67.39 3.46 0.00	53.15 2.77 0.00	46.03 2.42 -0.40	41.35 1.82 -4.77	44.75 1.74 -7.53	47.55 1.73 -10.55
HUNTINGTON_RES_REC 323705	44.83 2.71 0.00	42.11 2.22 0.00	45.00 2.13 0.00	42.46 1.74 0.00	44.61 1.48 0.00	50.12 1.20 0.00	89.58 1.53 1.02	90.97 1.83 2.24	54.55 1.20 0.01	43.68 1.45 0.00	50.82 2.28 0.00	46.36 2.17 0.00	38.78 1.88 0.00	41.77 2.23 0.00	45.99 2.22 -1.87	59.20 2.21 1.87	64.01 2.35 2.59	117.10 3.92 3.41	113.72 3.30 -46.49	53.39 3.01 0.00	45.94 2.44 -0.29	41.14 2.18 -4.21	44.43 2.46 -6.49	46.66 2.32 -9.08
HUNTLEY___63 23557	41.10 -1.02 0.00	38.89 -1.00 0.00	42.63 -0.23 0.00	40.93 0.21 0.00	43.64 0.51 0.00	49.25 0.33 0.00	88.07 -0.99 0.00	89.74 -1.63 0.00	52.15 -1.21 0.00	41.44 -0.80 0.00	48.42 -0.11 0.00	43.51 -0.67 0.00	35.89 -1.00 0.00	38.36 -1.18 0.00	40.58 -1.33 0.00	57.43 -1.42 0.00	62.47 -1.77 0.00	113.01 -3.58 0.00	61.76 -2.17 0.00	48.11 -2.27 0.00	40.51 -2.76 -0.05	32.94 -2.46 -0.65	34.25 -2.25 -1.02	35.21 -1.47 -1.43
HUNTLEY___64 23558	41.10 -1.02 0.00	38.89 -1.00 0.00	42.63 -0.23 0.00	40.93 0.21 0.00	43.64 0.51 0.00	49.25 0.33 0.00	88.07 -0.99 0.00	89.74 -1.63 0.00	52.15 -1.21 0.00	41.44 -0.80 0.00	48.42 -0.11 0.00	43.51 -0.67 0.00	35.89 -1.00 0.00	38.36 -1.18 0.00	40.58 -1.33 0.00	57.43 -1.42 0.00	62.47 -1.77 0.00	113.01 -3.58 0.00	61.76 -2.17 0.00	48.11 -2.27 0.00	40.51 -2.76 -0.05	32.94 -2.46 -0.65	34.25 -2.25 -1.02	35.21 -1.47 -1.43
HUNTLEY___65 23559	41.10 -1.02 0.00	38.89 -1.00 0.00	42.63 -0.23 0.00	40.93 0.21 0.00	43.64 0.51 0.00	49.25 0.33 0.00	88.07 -0.99 0.00	89.74 -1.63 0.00	52.15 -1.21 0.00	41.44 -0.80 0.00	48.42 -0.11 0.00	43.51 -0.67 0.00	35.89 -1.00 0.00	38.36 -1.18 0.00	40.58 -1.33 0.00	57.43 -1.42 0.00	62.47 -1.77 0.00	113.01 -3.58 0.00	61.76 -2.17 0.00	48.11 -2.27 0.00	40.51 -2.76 -0.05	32.94 -2.46 -0.65	34.25 -2.25 -1.02	35.21 -1.47 -1.43
HUNTLEY___66 23560	41.10 -1.02 0.00	38.89 -1.00 0.00	42.63 -0.23 0.00	40.93 0.21 0.00	43.64 0.51 0.00	49.25 0.33 0.00	88.07 -0.99 0.00	89.74 -1.63 0.00	52.15 -1.21 0.00	41.44 -0.80 0.00	48.42 -0.11 0.00	43.51 -0.67 0.00	35.89 -1.00 0.00	38.36 -1.18 0.00	40.58 -1.33 0.00	57.43 -1.42 0.00	62.47 -1.77 0.00	113.01 -3.58 0.00	61.76 -2.17 0.00	48.11 -2.27 0.00	40.51 -2.76 -0.05	32.94 -2.46 -0.65	34.25 -2.25 -1.02	35.21 -1.47 -1.43
HUNTLEY___67 23561	40.81 -1.31 0.00	38.61 -1.28 0.00	42.31 -0.55 0.00	40.63 -0.08 0.00	43.33 0.20 0.00	48.96 0.04 0.00	87.73 -1.34 0.00	89.40 -1.98 0.00	51.97 -1.39 0.00	41.31 -0.92 0.00	48.21 -0.32 0.00	43.33 -0.86 0.00	35.76 -1.14 0.00	38.25 -1.28 0.00	40.45 -1.45 0.00	57.21 -1.64 0.00	62.29 -1.96 0.00	112.54 -4.05 0.00	61.48 -2.45 0.00	47.88 -2.50 0.00	40.34 -2.93 -0.06	32.79 -2.63 -0.66	34.11 -2.41 -1.04	35.07 -1.65 -1.46
HUNTLEY___68 23562	40.81 -1.31 0.00	38.61 -1.28 0.00	42.31 -0.55 0.00	40.63 -0.08 0.00	43.33 0.20 0.00	48.96 0.04 0.00	87.73 -1.34 0.00	89.40 -1.98 0.00	51.97 -1.39 0.00	41.31 -0.92 0.00	48.21 -0.32 0.00	43.33 -0.86 0.00	35.76 -1.14 0.00	38.25 -1.28 0.00	40.45 -1.45 0.00	57.21 -1.64 0.00	62.29 -1.96 0.00	112.54 -4.05 0.00	61.48 -2.45 0.00	47.88 -2.50 0.00	40.34 -2.93 -0.06	32.79 -2.63 -0.66	34.11 -2.41 -1.04	35.07 -1.65 -1.46

HYLAND___LFGE 323620	42.68 0.56 0.00	40.42 0.53 0.00	44.04 1.18 0.00	42.22 1.50 0.00	45.10 1.97 0.00	51.55 2.63 0.00	94.10 5.04 0.00	96.84 5.46 0.00	55.91 2.55 0.00	42.78 0.55 0.00	49.41 0.88 0.00	44.54 0.35 0.00	36.87 -0.02 0.00	39.51 -0.02 0.00	42.10 0.19 0.00	59.96 1.11 0.00	67.24 2.99 0.00	122.85 6.27 0.00	67.22 3.29 0.00	52.29 1.91 0.00	44.08 0.81 -0.06	35.64 0.14 -0.75	36.76 0.10 -1.18	37.33 0.43 -1.65
INDECK___CORINTH 23802	45.13 3.02 0.00	42.65 2.77 0.00	45.79 2.93 0.00	43.46 2.74 0.00	46.10 2.96 0.00	52.50 3.58 0.00	96.16 7.09 0.00	98.22 6.85 0.00	57.28 3.92 0.00	44.91 2.68 0.00	51.27 2.74 0.00	47.09 2.90 0.00	39.12 2.23 0.00	41.57 2.04 0.00	44.74 2.83 0.00	62.94 4.09 0.00	68.82 4.57 0.00	123.91 7.33 0.00	67.22 3.29 0.00	52.42 2.05 0.00	46.75 3.11 -0.43	42.56 2.61 -5.20	46.33 2.65 -8.20	49.49 2.75 -11.48
INDECK___ILION 23567	43.42 1.30 0.00	41.11 1.22 0.00	44.14 1.28 0.00	42.00 1.29 0.00	44.49 1.37 0.00	50.51 1.59 0.00	92.09 3.02 0.00	94.46 3.08 0.00	54.98 1.62 0.00	43.29 1.06 0.00	49.69 1.16 0.00	45.34 1.16 0.00	37.83 0.93 0.00	40.46 0.93 0.00	43.12 1.21 0.00	60.95 2.11 0.00	66.77 2.52 0.00	121.35 4.77 0.00	66.57 2.64 0.00	52.42 2.04 0.00	44.97 1.76 0.00	36.20 1.45 0.00	36.91 1.43 0.00	36.65 1.39 0.00
INDECK___OLEAN 23982	41.15 -0.97 0.00	39.02 -0.87 0.00	42.47 -0.39 0.00	40.86 0.15 0.00	43.67 0.55 0.00	49.38 0.46 0.00	88.56 -0.51 0.00	90.72 -0.66 0.00	52.70 -0.66 0.00	41.89 -0.34 0.00	49.02 0.49 0.00	44.08 -0.10 0.00	36.60 -0.30 0.00	39.37 -0.16 0.00	41.62 -0.29 0.00	58.78 -0.07 0.00	63.73 -0.52 0.00	114.17 -2.42 0.00	62.26 -1.67 0.00	48.67 -1.71 0.00	41.16 -2.12 -0.07	33.48 -2.07 -0.79	34.96 -1.77 -1.25	35.61 -1.41 -1.75
INDECK___OSWEGO 23783	40.60 -1.52 0.00	38.43 -1.46 0.00	41.37 -1.49 0.00	39.34 -1.37 0.00	41.74 -1.38 0.00	47.40 -1.52 0.00	86.23 -2.84 0.00	88.60 -2.77 0.00	51.73 -1.63 0.00	40.84 -1.39 0.00	47.03 -1.51 0.00	42.64 -1.55 0.00	35.52 -1.37 0.00	38.11 -1.42 0.00	40.45 -1.46 0.00	56.97 -1.88 0.00	62.37 -1.88 0.00	113.20 -3.38 0.00	62.07 -1.86 0.00	48.83 -1.55 0.00	41.77 -1.47 -0.03	33.92 -1.16 -0.33	34.78 -1.22 -0.53	34.80 -1.20 -0.74
INDECK___YERKES 23781	41.13 -0.99 0.00	38.91 -0.97 0.00	42.65 -0.21 0.00	40.97 0.25 0.00	43.67 0.54 0.00	49.29 0.37 0.00	88.16 -0.91 0.00	89.82 -1.55 0.00	52.19 -1.17 0.00	41.47 -0.76 0.00	48.47 -0.07 0.00	43.55 -0.63 0.00	35.92 -0.98 0.00	38.40 -1.14 0.00	40.62 -1.29 0.00	57.50 -1.35 0.00	62.54 -1.71 0.00	113.10 -3.48 0.00	61.80 -2.13 0.00	48.16 -2.22 0.00	40.54 -2.72 -0.05	32.96 -2.44 -0.65	34.28 -2.22 -1.02	35.25 -1.43 -1.43
INDIAN POINT_GT_1 24139	44.01 1.89 0.00	41.56 1.67 0.00	44.48 1.62 0.00	42.21 1.49 0.00	44.60 1.48 0.00	50.69 1.77 0.00	92.31 3.25 0.00	94.86 3.49 0.00	55.35 2.00 0.00	43.99 1.75 0.00	50.66 2.13 0.00	46.29 2.10 0.00	38.67 1.78 0.00	41.55 2.01 0.00	46.25 2.12 -2.22	61.40 2.55 0.00	66.93 2.69 0.00	121.98 5.40 0.00	66.99 3.06 0.00	52.91 2.53 0.00	45.65 2.10 -0.34	40.54 1.73 -4.06	43.73 1.83 -6.42	45.94 1.69 -8.99
INDIAN POINT_GT_2 23659	44.01 1.89 0.00	41.56 1.67 0.00	44.48 1.62 0.00	42.21 1.49 0.00	44.60 1.48 0.00	50.69 1.77 0.00	92.31 3.25 0.00	94.86 3.49 0.00	55.35 2.00 0.00	43.99 1.75 0.00	50.66 2.13 0.00	46.29 2.10 0.00	38.67 1.78 0.00	41.55 2.01 0.00	46.25 2.12 -2.22	61.40 2.55 0.00	66.93 2.69 0.00	121.98 5.40 0.00	66.99 3.06 0.00	52.91 2.53 0.00	45.65 2.10 -0.34	40.54 1.73 -4.06	43.73 1.83 -6.42	45.94 1.69 -8.99
INDIAN POINT_GT_3 24019	44.01 1.89 0.00	41.56 1.67 0.00	44.48 1.62 0.00	42.21 1.49 0.00	44.60 1.48 0.00	50.69 1.77 0.00	92.31 3.25 0.00	94.86 3.49 0.00	55.35 2.00 0.00	43.99 1.75 0.00	50.66 2.13 0.00	46.29 2.10 0.00	38.67 1.78 0.00	41.55 2.01 0.00	46.25 2.12 -2.22	61.40 2.55 0.00	66.93 2.69 0.00	121.98 5.40 0.00	66.99 3.06 0.00	52.91 2.53 0.00	45.65 2.10 -0.34	40.54 1.73 -4.06	43.73 1.83 -6.42	45.94 1.69 -8.99
INDIAN POINT___2 23530	43.95 1.84 0.00	41.51 1.63 0.00	44.43 1.56 0.00	42.16 1.45 0.00	44.56 1.43 0.00	50.64 1.72 0.00	92.22 3.16 0.00	94.78 3.40 0.00	55.29 1.93 0.00	43.93 1.70 0.00	50.58 2.05 0.00	46.22 2.03 0.00	38.63 1.73 0.00	41.47 1.94 0.00	46.97 2.02 -3.05	61.26 2.41 0.00	66.78 2.53 0.00	121.75 5.16 0.00	66.84 2.91 0.00	52.80 2.42 0.00	45.56 2.02 -0.33	40.43 1.66 -4.01	43.58 1.77 -6.33	45.76 1.63 -8.87
INDIAN POINT___3 23531	43.97 1.85 0.00	41.52 1.63 0.00	44.44 1.58 0.00	42.18 1.47 0.00	44.57 1.44 0.00	50.64 1.72 0.00	92.22 3.16 0.00	94.78 3.41 0.00	55.29 1.94 0.00	43.93 1.70 0.00	50.58 2.05 0.00	46.23 2.04 0.00	38.64 1.74 0.00	41.47 1.94 0.00	46.23 2.04 -2.29	61.26 2.41 0.00	66.78 2.53 0.00	121.72 5.13 0.00	66.83 2.90 0.00	52.78 2.41 0.00	45.56 2.01 -0.34	40.48 1.66 -4.07	43.67 1.77 -6.42	45.88 1.64 -8.99
INGHAM_C_115KV_TB7 356103	45.06 2.94 0.00	42.66 2.78 0.00	45.79 2.93 0.00	43.63 2.91 0.00	46.21 3.08 0.00	52.48 3.56 0.00	95.67 6.60 0.00	98.06 6.69 0.00	56.76 3.40 0.00	44.39 2.16 0.00	50.94 2.41 0.00	46.60 2.41 0.00	38.79 1.90 0.00	41.41 1.87 0.00	44.46 2.55 0.00	63.36 4.52 0.00	69.69 5.45 0.00	126.88 10.29 0.00	69.70 5.77 0.00	54.83 4.45 0.00	47.06 3.85 0.00	37.95 3.19 0.00	38.64 3.16 0.00	38.34 3.08 0.00
IP CORINTH___1 23988	45.13 3.01 0.00	42.66 2.77 0.00	45.79 2.93 0.00	43.46 2.74 0.00	46.09 2.96 0.00	52.50 3.58 0.00	96.16 7.10 0.00	98.23 6.86 0.00	57.28 3.92 0.00	44.91 2.68 0.00	51.27 2.74 0.00	47.09 2.90 0.00	39.15 2.26 0.00	41.63 2.10 0.00	44.73 2.83 0.00	62.94 4.10 0.00	68.89 4.64 0.00	124.19 7.61 0.00	67.51 3.58 0.00	52.71 2.33 0.00	46.80 3.16 -0.43	42.56 2.61 -5.20	46.33 2.65 -8.20	49.48 2.74 -11.48
IP___TICONDEROGA 23804	46.85 4.74 0.00	44.18 4.29 0.00	47.37 4.51 0.00	44.99 4.27 0.00	47.78 4.65 0.00	54.96 6.04 0.00	101.28 12.21 0.00	102.43 11.06 0.00	60.02 6.66 0.00	46.63 4.40 0.00	52.61 4.08 0.00	48.93 4.74 0.00	40.96 4.06 0.00	43.53 4.00 0.00	46.86 4.95 0.00	65.42 6.57 0.00	72.77 8.52 0.00	131.70 15.11 0.00	72.14 8.21 0.00	56.14 5.76 0.00	48.93 5.29 -0.43	44.06 4.12 -5.19	47.81 4.14 -8.19	51.25 4.52 -11.47
ISLIP_RES_REC 323679	45.15 3.03 0.00	42.37 2.49 0.00	45.29 2.43 0.00	42.73 2.01 0.00	44.93 1.80 0.00	50.48 1.56 0.00	92.81 2.25 -1.49	97.20 2.56 -3.27	54.90 1.54 0.00	43.94 1.71 0.00	51.07 2.54 0.00	46.58 2.39 0.00	38.96 2.06 0.00	41.97 2.44 0.00	46.35 2.57 -1.87	64.35 2.77 -2.73	71.11 3.08 -3.79	126.92 4.75 -5.59	126.51 3.86 -58.72	53.95 3.57 0.00	46.50 2.87 -0.41	41.41 2.46 -4.21	44.68 2.72 -6.49	46.95 2.61 -9.08

JAMAICA__27_KV_LOAD 355505	44.21 2.09 0.00	41.75 1.86 0.00	44.64 1.78 0.00	42.35 1.63 0.00	44.76 1.63 0.00	50.98 2.06 0.00	92.95 3.88 0.00	95.88 4.51 0.00	55.93 2.58 0.00	44.41 2.18 0.00	51.14 2.61 0.00	46.76 2.57 0.00	39.15 2.25 0.00	42.03 2.49 0.00	46.56 2.66 -1.99	62.19 3.35 0.00	67.76 3.51 0.00	124.41 6.86 -0.96	67.77 3.85 0.00	53.56 3.18 0.00	46.11 2.56 -0.34	40.97 2.11 -4.11	44.13 2.16 -6.48	46.28 1.94 -9.08
JANIS__SOLAR 323808	42.85 0.73 0.00	40.47 0.58 0.00	43.41 0.55 0.00	41.52 0.81 0.00	44.12 0.99 0.00	50.28 1.36 0.00	92.12 3.06 0.00	95.13 3.76 0.00	55.23 1.87 0.00	43.26 1.02 0.00	49.76 1.22 0.00	44.59 0.41 0.00	36.80 -0.09 0.00	39.56 0.03 0.00	42.32 0.42 0.00	60.77 1.92 0.00	67.40 3.15 0.00	122.85 6.27 0.00	67.38 3.46 0.00	52.91 2.53 0.00	44.96 1.65 -0.10	36.84 0.92 -1.16	38.05 0.73 -1.84	38.43 0.60 -2.57
JARVIS____ 23743	42.29 0.17 0.00	40.05 0.16 0.00	43.03 0.17 0.00	40.88 0.16 0.00	43.30 0.17 0.00	49.11 0.19 0.00	89.44 0.37 0.00	91.81 0.43 0.00	53.63 0.27 0.00	42.43 0.20 0.00	48.73 0.20 0.00	44.36 0.18 0.00	37.07 0.18 0.00	39.71 0.18 0.00	42.11 0.20 0.00	59.13 0.28 0.00	64.50 0.26 0.00	117.05 0.47 0.00	64.18 0.25 0.00	50.58 0.20 0.00	43.38 0.17 0.00	34.90 0.14 0.00	35.64 0.16 0.00	35.41 0.15 0.00
JENNISON____1 23625	42.37 0.25 0.00	39.89 0.00 0.00	42.56 -0.30 0.00	40.71 -0.01 0.00	43.24 0.11 0.00	49.35 0.43 0.00	90.33 1.26 0.00	93.55 2.17 0.00	54.79 1.44 0.00	43.12 0.89 0.00	50.04 1.51 0.00	45.45 1.26 0.00	37.81 0.92 0.00	40.57 1.04 0.00	43.12 1.22 0.00	61.60 2.76 0.00	67.69 3.44 0.00	123.02 6.43 0.00	67.53 3.60 0.00	52.92 2.54 0.00	44.93 1.60 -0.12	36.87 0.64 -1.48	38.09 0.28 -2.33	38.61 0.09 -3.26
JENNISON____2 23626	42.37 0.25 0.00	39.89 0.00 0.00	42.56 -0.30 0.00	40.71 -0.01 0.00	43.24 0.11 0.00	49.35 0.43 0.00	90.33 1.26 0.00	93.55 2.17 0.00	54.79 1.44 0.00	43.12 0.89 0.00	50.04 1.51 0.00	45.45 1.26 0.00	37.81 0.92 0.00	40.57 1.04 0.00	43.12 1.22 0.00	61.60 2.76 0.00	67.69 3.44 0.00	123.02 6.43 0.00	67.53 3.60 0.00	52.92 2.54 0.00	44.93 1.60 -0.12	36.87 0.64 -1.48	38.09 0.28 -2.33	38.61 0.09 -3.26
JERICOHO_RISE_WT_PWR 323719	44.17 2.05 0.00	41.82 1.93 0.00	44.19 1.33 0.00	41.51 0.80 0.00	44.04 0.91 0.00	50.24 1.32 0.00	92.27 3.21 0.00	95.11 3.74 0.00	55.27 1.91 0.00	43.31 1.08 0.00	49.85 1.32 0.00	45.19 1.01 0.00	37.34 0.45 0.00	39.71 0.17 0.00	41.77 -0.13 0.00	59.16 0.32 0.00	65.11 0.86 0.00	117.10 0.51 0.00	63.41 -0.52 0.00	50.50 0.12 0.00	44.27 1.06 0.00	35.12 0.36 0.00	35.42 -0.06 0.00	34.64 -0.61 0.00
KATONAH__115KV_46KV_TB4 355592	44.24 2.12 0.00	41.77 1.89 0.00	44.72 1.86 0.00	42.43 1.71 0.00	44.85 1.72 0.00	50.96 2.04 0.00	92.85 3.78 0.00	95.48 4.11 0.00	55.76 2.40 0.00	44.27 2.03 0.00	50.98 2.44 0.00	46.55 2.36 0.00	38.90 2.01 0.00	41.77 2.24 0.00	45.53 2.38 -1.25	61.78 2.93 0.00	67.38 3.13 0.00	122.75 6.16 0.00	67.43 3.51 0.00	53.26 2.88 0.00	45.95 2.39 -0.35	40.87 1.96 -4.16	44.08 2.04 -6.56	46.35 1.89 -9.19
KCE_NY_1 323755	44.52 2.40 0.00	42.08 2.19 0.00	45.22 2.36 0.00	42.88 2.17 0.00	45.42 2.29 0.00	51.64 2.72 0.00	94.31 5.24 0.00	96.50 5.13 0.00	56.22 2.86 0.00	44.30 2.06 0.00	50.75 2.22 0.00	46.34 2.16 0.00	38.68 1.79 0.00	41.35 1.81 0.00	44.10 2.19 0.00	62.10 3.25 0.00	67.93 3.69 0.00	122.94 6.35 0.00	67.26 3.34 0.00	52.83 2.45 0.00	46.19 2.55 -0.43	41.99 2.05 -5.18	45.74 2.09 -8.17	48.85 2.14 -11.45
KCE_NY_6_ESR 323823	41.08 -1.04 0.00	38.90 -0.98 0.00	42.63 -0.23 0.00	40.97 0.25 0.00	43.73 0.60 0.00	49.52 0.60 0.00	88.92 -0.15 0.00	90.72 -0.65 0.00	52.73 -0.63 0.00	41.85 -0.38 0.00	48.82 0.28 0.00	43.88 -0.30 0.00	36.22 -0.67 0.00	38.77 -0.77 0.00	40.99 -0.91 0.00	58.02 -0.83 0.00	63.26 -0.99 0.00	114.41 -2.17 0.00	62.48 -1.45 0.00	48.65 -1.73 0.00	40.94 -2.32 -0.06	33.20 -2.25 -0.69	34.56 -2.02 -1.10	35.46 -1.34 -1.53
KEDC PORT_JEFF_GT2 24210	44.92 2.80 0.00	42.17 2.28 0.00	45.07 2.21 0.00	42.51 1.79 0.00	44.68 1.55 0.00	50.11 1.19 0.00	91.87 1.43 -1.38	96.03 1.64 -3.03	54.39 1.04 0.00	43.64 1.41 0.00	50.80 2.27 0.00	46.32 2.14 0.00	38.77 1.88 0.00	41.73 2.20 0.00	46.08 2.31 -1.87	63.64 2.27 -2.53	69.95 2.19 -3.51	124.94 3.19 -5.16	125.02 3.27 -57.83	53.45 3.07 0.00	46.13 2.51 -0.41	41.18 2.22 -4.21	44.45 2.48 -6.49	46.71 2.37 -9.08
KEDC PORT_JEFF_GT3 24211	44.92 2.80 0.00	42.17 2.28 0.00	45.07 2.21 0.00	42.51 1.79 0.00	44.68 1.55 0.00	50.11 1.19 0.00	91.87 1.43 -1.38	96.03 1.64 -3.03	54.39 1.04 0.00	43.64 1.41 0.00	50.80 2.27 0.00	46.32 2.14 0.00	38.77 1.88 0.00	41.73 2.20 0.00	46.08 2.31 -1.87	63.64 2.27 -2.53	69.95 2.19 -3.51	124.94 3.19 -5.16	125.02 3.27 -57.83	53.45 3.07 0.00	46.13 2.51 -0.41	41.18 2.22 -4.21	44.45 2.48 -6.49	46.71 2.37 -9.08
KEDC_GLWD_GT4 24219	44.61 2.49 0.00	42.04 2.15 0.00	44.96 2.10 0.00	42.61 1.89 0.00	44.95 1.82 0.00	50.95 2.03 0.00	92.61 3.55 0.00	95.34 3.97 0.00	55.75 2.40 0.00	44.39 2.16 0.00	51.27 2.74 0.00	46.84 2.66 0.00	39.17 2.28 0.00	42.11 2.57 0.00	46.43 2.66 -1.87	62.00 3.15 0.00	67.58 3.33 0.00	123.89 6.37 -0.93	137.24 3.91 -69.40	53.63 3.25 0.00	46.22 2.67 -0.34	41.24 2.24 -4.24	44.36 2.39 -6.49	46.55 2.21 -9.08
KEDC_GLWD_GT5 24220	44.61 2.49 0.00	42.04 2.15 0.00	44.96 2.10 0.00	42.61 1.89 0.00	44.95 1.82 0.00	50.95 2.03 0.00	92.61 3.55 0.00	95.34 3.97 0.00	55.75 2.40 0.00	44.39 2.16 0.00	51.27 2.74 0.00	46.84 2.66 0.00	39.17 2.28 0.00	42.11 2.57 0.00	46.43 2.66 -1.87	62.00 3.15 0.00	67.58 3.33 0.00	123.89 6.37 -0.93	137.24 3.91 -69.40	53.63 3.25 0.00	46.22 2.67 -0.34	41.24 2.24 -4.24	44.36 2.39 -6.49	46.55 2.21 -9.08
KENSICO____ 23655	44.12 2.00 0.00	41.66 1.77 0.00	44.59 1.73 0.00	42.31 1.59 0.00	44.70 1.57 0.00	50.79 1.87 0.00	92.49 3.42 0.00	95.11 3.73 0.00	55.53 2.17 0.00	44.12 1.88 0.00	50.81 2.28 0.00	46.43 2.25 0.00	38.81 1.92 0.00	41.67 2.14 0.00	46.18 2.27 -2.02	61.58 2.73 0.00	67.11 2.87 0.00	122.29 5.71 0.00	67.15 3.22 0.00	53.05 2.67 0.00	45.77 2.22 -0.34	40.68 1.83 -4.10	43.88 1.93 -6.47	46.10 1.78 -9.06
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.29 2.18 0.00	41.82 1.94 0.00	44.82 1.96 0.00	42.56 1.84 0.00	45.01 1.89 0.00	51.19 2.27 0.00	93.45 4.38 0.00	96.36 4.99 0.00	56.20 2.84 0.00	44.39 2.16 0.00	51.00 2.47 0.00	46.41 2.23 0.00	38.70 1.81 0.00	41.29 1.75 0.00	43.53 2.04 0.42	61.54 2.69 0.00	67.38 3.14 0.00	122.98 6.40 0.00	67.58 3.65 0.00	53.13 2.75 0.00	45.72 2.18 -0.33	40.77 2.07 -3.94	43.83 2.13 -6.22	45.90 1.94 -8.71

KIAC_JFK_GT1 23816	43.90 1.78 0.00	41.47 1.58 0.00	44.34 1.48 0.00	42.06 1.34 0.00	44.45 1.32 0.00	50.59 1.67 0.00	92.16 3.09 0.00	95.04 3.66 0.00	55.49 2.14 0.00	44.10 1.87 0.00	50.79 2.25 0.00	46.44 2.26 0.00	38.88 1.99 0.00	41.75 2.22 0.00	46.25 2.36 -1.99	61.71 2.86 0.00	67.22 2.98 0.00	123.36 5.81 -0.96	67.17 3.24 0.00	53.09 2.71 0.00	45.73 2.17 -0.34	40.69 1.82 -4.11	43.84 1.88 -6.48	46.03 1.69 -9.08
KIAC_JFK_GT2 23817	43.90 1.78 0.00	41.47 1.58 0.00	44.34 1.48 0.00	42.06 1.34 0.00	44.45 1.32 0.00	50.59 1.67 0.00	92.16 3.09 0.00	95.04 3.66 0.00	55.49 2.14 0.00	44.10 1.87 0.00	50.79 2.25 0.00	46.44 2.26 0.00	38.88 1.99 0.00	41.75 2.22 0.00	46.25 2.36 -1.99	61.71 2.86 0.00	67.22 2.98 0.00	123.36 5.81 -0.96	67.17 3.24 0.00	53.09 2.71 0.00	45.73 2.17 -0.34	40.69 1.82 -4.11	43.84 1.88 -6.48	46.03 1.69 -9.08
KIAC_JFK____ 323774	43.90 1.78 0.00	41.47 1.58 0.00	44.34 1.48 0.00	42.06 1.34 0.00	44.45 1.32 0.00	50.59 1.67 0.00	92.16 3.09 0.00	95.04 3.66 0.00	55.49 2.14 0.00	44.11 1.87 0.00	50.79 2.25 0.00	46.44 2.25 0.00	38.88 1.98 0.00	41.75 2.21 0.00	46.25 2.36 -1.99	61.71 2.86 0.00	67.23 2.99 0.00	123.35 5.80 -0.96	67.17 3.24 0.00	53.09 2.71 0.00	45.73 2.17 -0.34	40.69 1.83 -4.11	43.84 1.88 -6.48	46.02 1.69 -9.08
KINTIGH__24_KV_GSU 356498	40.87 -1.25 0.00	38.66 -1.23 0.00	42.24 -0.62 0.00	40.47 -0.25 0.00	43.09 -0.04 0.00	48.71 -0.21 0.00	87.46 -1.61 0.00	89.21 -2.16 0.00	51.89 -1.48 0.00	41.23 -1.01 0.00	48.00 -0.54 0.00	43.21 -0.97 0.00	35.73 -1.16 0.00	38.24 -1.29 0.00	40.47 -1.44 0.00	57.17 -1.68 0.00	62.25 -1.99 0.00	112.55 -4.03 0.00	61.53 -2.41 0.00	48.04 -2.34 0.00	40.62 -2.63 -0.05	33.01 -2.30 -0.55	34.26 -2.10 -0.87	35.04 -1.44 -1.23
KINTIGH____ 23543	40.84 -1.28 0.00	38.62 -1.26 0.00	42.21 -0.65 0.00	40.44 -0.27 0.00	43.06 -0.07 0.00	48.67 -0.25 0.00	87.40 -1.67 0.00	89.15 -2.22 0.00	51.84 -1.52 0.00	41.19 -1.04 0.00	47.97 -0.56 0.00	43.18 -1.01 0.00	35.71 -1.18 0.00	38.21 -1.33 0.00	40.43 -1.48 0.00	57.11 -1.73 0.00	62.22 -2.03 0.00	112.46 -4.12 0.00	61.50 -2.43 0.00	48.01 -2.37 0.00	40.59 -2.67 -0.05	33.00 -2.31 -0.55	34.23 -2.12 -0.87	35.01 -1.48 -1.23
KNTFSRNC_46_KV_46KV_LOAD 80397	44.80 2.68 0.00	42.38 2.49 0.00	44.83 1.96 0.00	42.17 1.45 0.00	44.74 1.62 0.00	51.03 2.11 0.00	93.90 4.83 0.00	96.85 5.47 0.00	56.42 3.07 0.00	44.03 1.80 0.00	50.62 2.09 0.00	45.92 1.74 0.00	37.98 1.08 0.00	40.38 0.84 0.00	42.49 0.58 0.00	60.17 1.32 0.00	66.29 2.04 0.00	119.40 2.82 0.00	64.78 0.85 0.00	51.51 1.13 0.00	45.05 1.84 0.00	35.76 1.00 0.00	36.04 0.56 0.00	35.25 -0.01 0.00
LACHUTE____HYDRO 323717	46.85 4.73 0.00	44.18 4.30 0.00	47.37 4.51 0.00	44.99 4.27 0.00	47.78 4.65 0.00	54.95 6.04 0.00	101.28 12.21 0.00	102.43 11.06 0.00	60.02 6.66 0.00	46.63 4.40 0.00	52.61 4.08 0.00	48.93 4.74 0.00	40.96 4.06 0.00	43.53 4.00 0.00	46.86 4.95 0.00	65.42 6.57 0.00	72.77 8.52 0.00	131.70 15.11 0.00	72.14 8.21 0.00	56.14 5.76 0.00	48.93 5.28 -0.43	44.06 4.11 -5.19	47.81 4.14 -8.19	51.25 4.52 -11.47
LAWRNCALV_115KV_TB1 80681	44.09 1.97 0.00	41.78 1.89 0.00	44.14 1.28 0.00	41.35 0.63 0.00	43.91 0.79 0.00	49.86 0.94 0.00	91.15 2.08 0.00	94.18 2.81 0.00	55.01 1.66 0.00	43.12 0.89 0.00	49.91 1.38 0.00	45.08 0.89 0.00	37.18 0.29 0.00	39.45 -0.08 0.00	41.28 -0.63 0.00	58.33 -0.52 0.00	64.52 0.28 0.00	116.05 -0.54 0.00	62.83 -1.09 0.00	50.01 -0.37 0.00	43.83 0.61 -0.01	35.02 0.19 -0.07	35.62 0.02 -0.11	35.13 -0.29 -0.16
LEDERLE____ 23769	44.16 2.04 0.00	41.70 1.81 0.00	44.63 1.77 0.00	42.38 1.66 0.00	44.79 1.67 0.00	50.92 2.00 0.00	92.79 3.72 0.00	95.31 3.94 0.00	55.57 2.21 0.00	44.14 1.91 0.00	50.85 2.32 0.00	46.47 2.28 0.00	38.83 1.93 0.00	41.68 2.14 0.00	40.99 2.26 3.17	61.57 2.72 0.00	67.14 2.90 0.00	122.45 5.86 0.00	67.21 3.28 0.00	53.08 2.70 0.00	45.80 2.26 -0.33	40.56 1.83 -3.97	43.70 1.95 -6.27	45.83 1.79 -8.78
LIGHTHSE_115KV_TB6 355974	40.94 -1.18 0.00	38.77 -1.11 0.00	41.72 -1.14 0.00	39.67 -1.05 0.00	42.20 -0.93 0.00	48.03 -0.90 0.00	87.34 -1.73 0.00	90.15 -1.22 0.00	52.75 -0.61 0.00	41.57 -0.67 0.00	47.93 -0.60 0.00	43.25 -0.94 0.00	35.95 -0.94 0.00	38.46 -1.08 0.00	40.75 -1.16 0.00	57.62 -1.23 0.00	63.54 -0.71 0.00	115.45 -1.13 0.00	63.06 -0.86 0.00	49.57 -0.81 0.00	42.32 -0.91 -0.03	34.26 -0.80 -0.31	35.11 -0.85 -0.48	35.02 -0.91 -0.68
LINDEN COGEN____ 23786	44.18 2.06 0.00	41.69 1.81 0.00	44.59 1.73 0.00	42.31 1.60 0.00	44.69 1.56 0.00	50.85 1.93 0.00	92.63 3.56 0.00	95.41 4.03 0.00	55.74 2.38 0.00	44.31 2.08 0.00	51.02 2.49 0.00	46.65 2.46 0.00	39.02 2.13 0.00	41.89 2.36 0.00	46.39 2.50 -1.99	61.89 3.04 0.00	67.43 3.18 0.00	123.91 6.36 -0.96	67.48 3.55 0.00	53.30 2.91 0.00	45.96 2.41 -0.34	40.84 1.97 -4.11	44.02 2.06 -6.48	46.21 1.87 -9.08
LINDHRST_69_KV_BK1 356055	45.28 3.16 0.00	42.54 2.65 0.00	45.46 2.60 0.00	42.97 2.26 0.00	45.21 2.09 0.00	50.98 2.06 0.00	92.93 3.41 -0.46	96.36 3.98 -1.00	55.74 2.39 0.00	44.46 2.23 0.00	51.60 3.07 0.00	47.07 2.88 0.00	39.35 2.45 0.00	42.39 2.86 0.00	46.71 2.94 -1.87	63.18 3.49 -0.83	69.12 3.71 -1.16	125.22 6.58 -2.05	126.78 4.64 -58.21	54.38 3.99 0.00	46.83 3.26 -0.36	41.73 2.76 -4.21	44.96 2.99 -6.49	47.13 2.79 -9.08
LIPA_MISC_IPP 23656	44.84 2.72 0.00	42.11 2.22 0.00	45.00 2.14 0.00	42.42 1.70 0.00	44.57 1.45 0.00	50.07 1.15 0.00	92.62 1.49 -2.07	97.54 1.64 -4.53	54.35 1.00 0.00	43.49 1.26 0.00	50.54 2.00 0.00	46.12 1.94 0.00	38.61 1.71 0.00	41.52 1.98 0.00	45.92 2.14 -1.87	64.75 2.12 -3.79	72.18 2.68 -5.26	128.65 4.43 -7.64	128.49 3.55 -61.01	53.47 3.09 0.00	46.06 2.42 -0.43	41.13 2.17 -4.21	44.42 2.45 -6.49	46.68 2.33 -9.08
LISF____SOLAR 323691	44.92 2.80 0.00	42.18 2.29 0.00	45.07 2.21 0.00	42.49 1.78 0.00	44.65 1.52 0.00	50.16 1.24 0.00	92.63 1.62 -1.94	97.40 1.78 -4.25	54.42 1.07 0.00	43.51 1.28 0.00	50.57 2.03 0.00	46.13 1.95 0.00	38.62 1.72 0.00	41.54 2.00 0.00	45.95 2.18 -1.87	64.62 2.22 -3.55	71.99 2.82 -4.93	128.47 4.71 -7.18	128.09 3.72 -60.44	53.58 3.20 0.00	46.15 2.51 -0.43	41.20 2.24 -4.21	44.48 2.51 -6.49	46.74 2.40 -9.08
LITTLE FALLS____HYD 24013	45.06 2.94 0.00	42.66 2.78 0.00	45.79 2.93 0.00	43.63 2.91 0.00	46.21 3.08 0.00	52.48 3.56 0.00	95.67 6.60 0.00	98.06 6.69 0.00	56.76 3.40 0.00	44.39 2.16 0.00	50.94 2.41 0.00	46.60 2.41 0.00	38.79 1.90 0.00	41.41 1.87 0.00	44.46 2.55 0.00	63.36 4.52 0.00	69.69 5.45 0.00	126.88 10.29 0.00	69.70 5.77 0.00	54.83 4.45 0.00	47.06 3.85 0.00	37.95 3.19 0.00	38.64 3.16 0.00	38.34 3.08 0.00

LITTLRIV_115KV_TB1 356100	44.62 2.51 0.00	42.28 2.40 0.00	44.64 1.78 0.00	41.80 1.09 0.00	44.38 1.25 0.00	50.37 1.45 0.00	92.18 3.11 0.00	95.28 3.90 0.00	55.55 2.19 0.00	43.50 1.27 0.00	50.33 1.80 0.00	45.43 1.25 0.00	37.47 0.57 0.00	39.67 0.14 0.00	41.43 -0.48 0.00	58.56 -0.28 0.00	65.18 0.93 0.00	117.39 0.81 0.00	63.56 -0.37 0.00	50.58 0.21 0.00	44.33 1.11 -0.01	35.39 0.56 -0.07	35.96 0.37 -0.12	35.48 0.05 -0.17
LI_NEWBRDGE___DRP 323616	44.50 2.39 0.00	41.86 1.97 0.00	44.74 1.88 0.00	42.32 1.60 0.00	44.53 1.40 0.00	50.28 1.36 0.00	91.11 2.04 0.00	93.84 2.47 0.00	54.93 1.58 0.00	43.87 1.64 0.00	50.87 2.34 0.00	46.43 2.24 0.00	38.83 1.94 0.00	41.79 2.26 0.00	46.01 2.23 -1.87	61.25 2.41 0.00	66.74 2.50 0.00	121.82 4.56 -0.68	117.41 3.29 -50.19	53.24 2.86 0.00	45.86 2.31 -0.34	41.01 2.06 -4.20	44.23 2.26 -6.49	46.43 2.09 -9.08
LOCKPORT_115KV_TB60_63_64 80432	40.91 -1.20 0.00	38.71 -1.17 0.00	42.44 -0.42 0.00	40.74 0.03 0.00	43.42 0.30 0.00	48.88 -0.04 0.00	87.42 -1.65 0.00	89.14 -2.23 0.00	51.91 -1.45 0.00	41.25 -0.98 0.00	47.98 -0.55 0.00	43.14 -1.04 0.00	35.57 -1.33 0.00	37.99 -1.55 0.00	40.17 -1.73 0.00	56.89 -1.96 0.00	62.05 -2.19 0.00	112.38 -4.21 0.00	61.44 -2.49 0.00	47.85 -2.53 0.00	40.31 -2.95 -0.05	32.72 -2.65 -0.61	34.00 -2.45 -0.97	34.94 -1.67 -1.36
LOCKPORT___CC1 323769	40.87 -1.25 0.00	38.67 -1.21 0.00	42.41 -0.45 0.00	40.72 0.00 0.00	43.39 0.26 0.00	48.88 -0.04 0.00	87.44 -1.63 0.00	89.14 -2.23 0.00	51.88 -1.48 0.00	41.23 -1.00 0.00	48.00 -0.54 0.00	43.15 -1.03 0.00	35.57 -1.32 0.00	38.01 -1.52 0.00	40.20 -1.70 0.00	56.90 -1.95 0.00	62.05 -2.20 0.00	112.35 -4.24 0.00	61.40 -2.53 0.00	47.82 -2.56 0.00	40.27 -2.99 -0.05	32.69 -2.69 -0.62	34.00 -2.46 -0.98	34.95 -1.67 -1.37
LOCKPORT___CC2 323770	40.87 -1.25 0.00	38.67 -1.21 0.00	42.41 -0.45 0.00	40.72 0.00 0.00	43.39 0.26 0.00	48.88 -0.04 0.00	87.44 -1.63 0.00	89.14 -2.23 0.00	51.88 -1.48 0.00	41.23 -1.00 0.00	48.00 -0.54 0.00	43.15 -1.03 0.00	35.57 -1.32 0.00	38.01 -1.52 0.00	40.20 -1.70 0.00	56.90 -1.95 0.00	62.05 -2.20 0.00	112.35 -4.24 0.00	61.40 -2.53 0.00	47.82 -2.56 0.00	40.27 -2.99 -0.05	32.69 -2.69 -0.62	34.00 -2.46 -0.98	34.95 -1.67 -1.37
LOCKPORT___CC3 323771	40.87 -1.25 0.00	38.67 -1.21 0.00	42.41 -0.45 0.00	40.72 0.00 0.00	43.39 0.26 0.00	48.88 -0.04 0.00	87.44 -1.63 0.00	89.14 -2.23 0.00	51.88 -1.48 0.00	41.23 -1.00 0.00	48.00 -0.54 0.00	43.15 -1.03 0.00	35.57 -1.32 0.00	38.01 -1.52 0.00	40.20 -1.70 0.00	56.90 -1.95 0.00	62.05 -2.20 0.00	112.35 -4.24 0.00	61.40 -2.53 0.00	47.82 -2.56 0.00	40.27 -2.99 -0.05	32.69 -2.69 -0.62	34.00 -2.46 -0.98	34.95 -1.67 -1.37
LOCUSVLY_69_KV_BK2 55797	44.80 2.68 0.00	42.16 2.28 0.00	45.07 2.22 0.00	42.67 1.96 0.00	44.96 1.83 0.00	50.83 1.91 0.00	91.93 3.24 0.38	94.16 3.63 0.84	55.61 2.25 0.00	44.35 2.11 0.00	51.33 2.80 0.00	46.89 2.70 0.00	39.21 2.31 0.00	42.18 2.64 0.00	46.47 2.70 -1.87	61.27 3.12 0.70	66.57 3.29 0.97	122.18 6.24 0.64	130.73 4.02 -62.77	53.75 3.37 0.00	46.27 2.73 -0.32	41.33 2.35 -4.23	44.51 2.54 -6.49	46.71 2.37 -9.08
LONG_LAKE_PHOENIX 24014	40.61 -1.51 0.00	38.43 -1.46 0.00	41.38 -1.48 0.00	39.37 -1.34 0.00	41.75 -1.38 0.00	47.40 -1.52 0.00	86.28 -2.79 0.00	88.60 -2.77 0.00	51.72 -1.63 0.00	40.87 -1.37 0.00	47.05 -1.48 0.00	42.64 -1.54 0.00	35.49 -1.40 0.00	38.12 -1.41 0.00	40.48 -1.42 0.00	57.00 -1.85 0.00	62.36 -1.88 0.00	113.21 -3.37 0.00	62.10 -1.83 0.00	48.85 -1.53 0.00	41.79 -1.45 -0.03	33.93 -1.17 -0.34	34.79 -1.23 -0.54	34.81 -1.20 -0.75
LOVETT___3 23632	43.95 1.83 0.00	41.50 1.62 0.00	44.42 1.56 0.00	42.16 1.45 0.00	44.56 1.43 0.00	50.64 1.72 0.00	92.22 3.15 0.00	94.69 3.32 0.00	55.22 1.86 0.00	43.87 1.64 0.00	50.53 2.00 0.00	46.20 2.02 0.00	38.61 1.72 0.00	41.45 1.91 0.00	40.50 1.98 3.39	61.17 2.32 0.00	66.67 2.43 0.00	121.58 4.99 0.00	66.73 2.80 0.00	52.71 2.33 0.00	45.50 1.96 -0.33	40.37 1.62 -4.00	43.53 1.74 -6.31	45.70 1.61 -8.84
LOVETT___4 23642	43.95 1.83 0.00	41.50 1.62 0.00	44.42 1.56 0.00	42.16 1.45 0.00	44.56 1.43 0.00	50.64 1.72 0.00	92.22 3.15 0.00	94.69 3.32 0.00	55.22 1.86 0.00	43.87 1.64 0.00	50.53 2.00 0.00	46.20 2.02 0.00	38.61 1.72 0.00	41.45 1.91 0.00	40.50 1.98 3.39	61.17 2.32 0.00	66.67 2.43 0.00	121.58 4.99 0.00	66.73 2.80 0.00	52.71 2.33 0.00	45.50 1.96 -0.33	40.37 1.62 -4.00	43.53 1.74 -6.31	45.70 1.61 -8.84
LOVETT___5 23593	43.95 1.83 0.00	41.50 1.62 0.00	44.42 1.56 0.00	42.16 1.45 0.00	44.56 1.43 0.00	50.64 1.72 0.00	92.22 3.15 0.00	94.69 3.32 0.00	55.22 1.86 0.00	43.87 1.64 0.00	50.53 2.00 0.00	46.20 2.02 0.00	38.61 1.72 0.00	41.45 1.91 0.00	40.50 1.98 3.39	61.17 2.32 0.00	66.67 2.43 0.00	121.58 4.99 0.00	66.73 2.80 0.00	52.71 2.33 0.00	45.50 1.96 -0.33	40.37 1.62 -4.00	43.53 1.74 -6.31	45.70 1.61 -8.84
LOWER RAQUET___HYD 24057	44.00 1.88 0.00	41.70 1.81 0.00	44.06 1.20 0.00	41.25 0.53 0.00	43.81 0.68 0.00	49.68 0.76 0.00	90.78 1.71 0.00	93.83 2.46 0.00	54.86 1.51 0.00	43.00 0.76 0.00	49.83 1.30 0.00	44.99 0.80 0.00	37.11 0.22 0.00	39.35 -0.18 0.00	41.11 -0.79 0.00	58.06 -0.79 0.00	64.32 0.07 0.00	115.60 -0.98 0.00	62.58 -1.35 0.00	49.79 -0.59 0.00	43.63 0.41 -0.01	34.90 0.06 -0.08	35.51 -0.09 -0.12	35.07 -0.36 -0.17
LOWER___HUDSON 24059	43.72 1.60 0.00	41.40 1.51 0.00	44.45 1.59 0.00	42.14 1.42 0.00	44.60 1.47 0.00	50.60 1.67 0.00	92.17 3.11 0.00	94.36 2.99 0.00	55.19 1.84 0.00	43.58 1.35 0.00	49.72 1.19 0.00	45.55 1.36 0.00	38.09 1.19 0.00	40.86 1.32 0.00	43.42 1.52 0.00	60.95 2.10 0.00	66.51 2.26 0.00	120.70 4.12 0.00	66.15 2.23 0.00	52.12 1.74 0.00	45.31 1.68 -0.42	41.24 1.40 -5.08	44.92 1.43 -8.01	48.00 1.52 -11.22
LOWVILLE_115KV_TB2 356335	41.81 -0.31 0.00	39.68 -0.21 0.00	42.62 -0.24 0.00	40.33 -0.39 0.00	43.27 0.14 0.00	49.36 0.44 0.00	90.10 1.03 0.00	93.73 2.36 0.00	55.44 2.08 0.00	43.50 1.27 0.00	50.26 1.73 0.00	44.86 0.67 0.00	37.20 0.31 0.00	39.56 0.02 0.00	41.72 -0.19 0.00	59.07 0.23 0.00	65.96 1.72 0.00	119.73 3.14 0.00	64.96 1.04 0.00	50.96 0.58 0.00	43.58 0.35 -0.01	34.93 0.01 -0.15	35.66 -0.06 -0.24	35.26 -0.33 -0.34
LUTHERFT_115KV_GLOB_FND_222 355753	44.47 2.35 0.00	42.07 2.19 0.00	45.19 2.33 0.00	42.87 2.16 0.00	45.42 2.29 0.00	51.60 2.68 0.00	94.24 5.18 0.00	96.42 5.05 0.00	56.21 2.85 0.00	44.25 2.02 0.00	50.63 2.10 0.00	46.31 2.12 0.00	38.66 1.76 0.00	41.31 1.78 0.00	44.09 2.19 0.00	62.07 3.22 0.00	67.89 3.64 0.00	122.94 6.36 0.00	67.23 3.30 0.00	52.80 2.42 0.00	46.14 2.50 -0.43	41.97 2.04 -5.18	45.72 2.07 -8.17	48.83 2.12 -11.45

LUTHERNY_35_KV_BK2 355980	44.52 2.40 0.00	42.08 2.20 0.00	45.22 2.36 0.00	42.88 2.17 0.00	45.42 2.29 0.00	51.64 2.72 0.00	94.31 5.24 0.00	96.50 5.13 0.00	56.22 2.86 0.00	44.30 2.06 0.00	50.75 2.22 0.00	46.35 2.16 0.00	38.69 1.79 0.00	41.34 1.81 0.00	44.10 2.20 0.00	62.10 3.25 0.00	67.93 3.69 0.00	122.94 6.36 0.00	67.27 3.34 0.00	52.83 2.45 0.00	46.19 2.55 -0.43	42.00 2.06 -5.18	45.74 2.09 -8.17	48.85 2.14 -11.45
LWR___OSWEGATCHIE_HYD 23850	42.59 0.48 0.00	40.39 0.50 0.00	42.98 0.12 0.00	40.44 -0.27 0.00	43.17 0.04 0.00	49.07 0.15 0.00	89.44 0.38 0.00	92.78 1.41 0.00	54.49 1.13 0.00	42.73 0.49 0.00	49.57 1.04 0.00	44.53 0.34 0.00	36.81 -0.08 0.00	39.08 -0.46 0.00	40.99 -0.91 0.00	57.96 -0.89 0.00	64.40 0.15 0.00	116.39 -0.20 0.00	63.04 -0.88 0.00	49.84 -0.54 0.00	43.26 0.04 -0.01	34.71 -0.17 -0.12	35.36 -0.31 -0.19	34.95 -0.58 -0.27
LYONS_FALL_HYD 23570	42.21 0.09 0.00	40.03 0.15 0.00	43.03 0.17 0.00	40.78 0.06 0.00	43.57 0.44 0.00	49.66 0.74 0.00	90.66 1.59 0.00	93.88 2.51 0.00	55.62 2.27 0.00	43.75 1.52 0.00	50.38 1.85 0.00	44.99 0.80 0.00	37.40 0.50 0.00	39.90 0.37 0.00	42.17 0.26 0.00	59.61 0.77 0.00	66.05 1.80 0.00	119.83 3.25 0.00	65.29 1.36 0.00	51.29 0.91 0.00	43.88 0.66 -0.01	35.22 0.33 -0.14	35.96 0.26 -0.23	35.63 0.06 -0.32
MADISON___COUNTY_LFGE 323628	42.77 0.65 0.00	40.56 0.68 0.00	43.70 0.83 0.00	41.55 0.84 0.00	44.17 1.04 0.00	50.29 1.37 0.00	91.86 2.79 0.00	94.44 3.06 0.00	54.59 1.23 0.00	43.03 0.80 0.00	49.69 1.15 0.00	45.29 1.10 0.00	37.67 0.78 0.00	40.41 0.88 0.00	42.85 0.94 0.00	60.48 1.63 0.00	66.49 2.24 0.00	120.33 3.75 0.00	65.93 2.01 0.00	51.84 1.46 0.00	44.31 1.08 -0.02	35.75 0.75 -0.25	36.57 0.70 -0.39	36.43 0.61 -0.55
MALONE___115KV_TB1 356076	44.71 2.60 0.00	42.32 2.43 0.00	44.72 1.86 0.00	41.97 1.26 0.00	44.57 1.44 0.00	50.78 1.86 0.00	93.31 4.25 0.00	96.36 4.99 0.00	56.29 2.94 0.00	43.98 1.75 0.00	50.67 2.14 0.00	45.89 1.70 0.00	37.84 0.95 0.00	40.22 0.69 0.00	42.23 0.32 0.00	59.81 0.96 0.00	65.98 1.73 0.00	118.75 2.17 0.00	64.32 0.39 0.00	51.17 0.79 0.00	44.86 1.65 0.00	35.60 0.84 0.00	35.93 0.45 0.00	35.20 -0.06 0.00
MAPLEWOD_115KV_TB3 80458	43.49 1.37 0.00	41.22 1.33 0.00	44.23 1.37 0.00	41.93 1.22 0.00	44.34 1.21 0.00	50.30 1.38 0.00	91.56 2.50 0.00	93.80 2.43 0.00	54.90 1.54 0.00	43.38 1.15 0.00	49.56 1.02 0.00	45.39 1.21 0.00	37.99 1.09 0.00	40.77 1.24 0.00	43.26 1.35 0.00	60.65 1.80 0.00	66.18 1.94 0.00	120.23 3.65 0.00	65.95 2.02 0.00	52.02 1.65 0.00	45.12 1.49 -0.42	41.05 1.26 -5.04	44.68 1.26 -7.95	47.68 1.30 -11.13
MAPLE_RIDGE_WT_1 323574	42.25 0.13 0.00	40.03 0.15 0.00	42.80 -0.06 0.00	40.49 -0.23 0.00	43.07 -0.06 0.00	49.00 0.08 0.00	89.53 0.47 0.00	92.18 0.81 0.00	53.81 0.45 0.00	42.49 0.26 0.00	48.88 0.35 0.00	44.36 0.18 0.00	36.90 0.00 0.00	39.39 -0.15 0.00	41.63 -0.28 0.00	58.63 -0.22 0.00	64.20 -0.04 0.00	115.91 -0.68 0.00	62.81 -1.12 0.00	49.58 -0.80 0.00	42.71 -0.50 0.00	34.11 -0.65 0.00	34.83 -0.65 0.00	34.38 -0.88 0.00
MAPLE_RIDGE_WT_2 323611	42.25 0.13 0.00	40.03 0.15 0.00	42.80 -0.06 0.00	40.49 -0.23 0.00	43.07 -0.06 0.00	49.00 0.08 0.00	89.53 0.47 0.00	92.18 0.81 0.00	53.81 0.45 0.00	42.49 0.26 0.00	48.88 0.35 0.00	44.36 0.18 0.00	36.90 0.00 0.00	39.39 -0.15 0.00	41.63 -0.28 0.00	58.63 -0.22 0.00	64.20 -0.04 0.00	115.91 -0.68 0.00	62.81 -1.12 0.00	49.58 -0.80 0.00	42.71 -0.50 0.00	34.11 -0.65 0.00	34.83 -0.65 0.00	34.38 -0.88 0.00
MARBLE_RIVER_WT_PWR 323696	44.13 2.01 0.00	41.79 1.90 0.00	44.19 1.33 0.00	41.53 0.81 0.00	44.06 0.94 0.00	50.25 1.33 0.00	92.27 3.21 0.00	95.06 3.69 0.00	55.24 1.88 0.00	43.31 1.08 0.00	49.82 1.29 0.00	45.19 1.01 0.00	37.36 0.46 0.00	39.74 0.20 0.00	41.80 -0.10 0.00	59.20 0.35 0.00	65.14 0.89 0.00	117.13 0.54 0.00	63.47 -0.46 0.00	50.53 0.15 0.00	44.25 1.04 0.00	35.14 0.39 0.00	35.45 -0.03 0.00	34.69 -0.57 0.00
MARSHVLE_115KV_TB1 80742	42.01 -0.11 0.00	39.74 -0.15 0.00	42.68 -0.18 0.00	40.62 -0.09 0.00	43.18 0.05 0.00	49.00 0.08 0.00	89.32 0.26 0.00	91.87 0.50 0.00	53.41 0.05 0.00	42.11 -0.12 0.00	48.78 0.25 0.00	44.11 -0.08 0.00	36.77 -0.12 0.00	39.34 -0.19 0.00	41.54 -0.37 0.00	59.11 0.26 0.00	64.64 0.40 0.00	117.67 1.08 0.00	64.45 0.52 0.00	50.82 0.44 0.00	43.85 0.15 -0.49	40.79 0.12 -5.92	44.86 0.05 -9.34	48.30 -0.04 -13.08
MARSH_HILL_WT_PWR 323713	39.04 -3.08 0.00	37.34 -2.55 0.00	40.69 -2.17 0.00	39.31 -1.41 0.00	42.19 -0.94 0.00	48.49 -0.43 0.00	88.84 -0.22 0.00	91.52 0.15 0.00	53.26 -0.10 0.00	41.90 -0.33 0.00	48.69 0.15 0.00	43.82 -0.37 0.00	36.18 -0.71 0.00	38.92 -0.61 0.00	41.43 -0.47 0.00	59.14 0.30 0.00	65.01 0.76 0.00	117.47 0.89 0.00	63.70 -0.23 0.00	49.21 -1.17 0.00	41.16 -2.12 -0.08	33.20 -2.48 -0.92	34.23 -2.70 -1.45	34.88 -2.40 -2.03
MCINTYRE_115KV_TB2 80467	45.03 2.91 0.00	42.65 2.76 0.00	45.01 2.15 0.00	42.15 1.44 0.00	44.79 1.66 0.00	50.97 2.05 0.00	93.41 4.35 0.00	96.51 5.14 0.00	56.10 2.75 0.00	43.92 1.69 0.00	50.68 2.15 0.00	45.73 1.55 0.00	37.71 0.81 0.00	39.93 0.40 0.00	41.73 -0.17 0.00	59.07 0.22 0.00	65.95 1.70 0.00	118.96 2.38 0.00	64.40 0.48 0.00	51.28 0.90 0.00	44.95 1.74 -0.01	35.83 1.00 -0.07	36.37 0.78 -0.11	35.78 0.37 -0.16
MECO_____69_KV_BK1 80468	43.48 1.37 0.00	41.10 1.22 0.00	44.14 1.28 0.00	41.96 1.24 0.00	44.59 1.47 0.00	50.67 1.75 0.00	92.69 3.62 0.00	95.26 3.88 0.00	54.99 1.64 0.00	42.97 0.73 0.00	49.71 1.18 0.00	44.75 0.56 0.00	37.24 0.35 0.00	39.74 0.21 0.00	42.51 0.60 0.00	60.79 1.94 0.00	67.05 2.80 0.00	122.23 5.64 0.00	66.97 3.04 0.00	52.77 2.39 0.00	45.53 1.84 -0.48	41.86 1.41 -5.70	45.79 1.32 -9.00	49.07 1.21 -12.60
MENANDS___115KV_TB5 355628	43.31 1.19 0.00	41.06 1.17 0.00	44.05 1.19 0.00	41.76 1.04 0.00	44.13 1.00 0.00	50.04 1.12 0.00	91.06 2.00 0.00	93.25 1.88 0.00	54.62 1.26 0.00	43.21 0.98 0.00	49.36 0.82 0.00	45.23 1.04 0.00	37.84 0.95 0.00	40.63 1.09 0.00	43.09 1.19 0.00	60.35 1.50 0.00	65.80 1.55 0.00	119.53 2.95 0.00	65.56 1.63 0.00	51.74 1.36 0.00	44.89 1.26 -0.42	40.85 1.08 -5.02	44.48 1.08 -7.92	47.49 1.13 -11.10
MG INDUSTRY___DRP 24185	43.28 1.16 0.00	41.07 1.19 0.00	44.11 1.25 0.00	41.88 1.16 0.00	44.27 1.14 0.00	50.17 1.25 0.00	91.27 2.21 0.00	93.37 2.00 0.00	54.46 1.10 0.00	43.02 0.78 0.00	49.25 0.71 0.00	45.08 0.89 0.00	37.73 0.84 0.00	40.43 0.89 0.00	42.91 1.00 0.00	60.27 1.42 0.00	65.81 1.56 0.00	119.42 2.84 0.00	65.55 1.62 0.00	51.73 1.35 0.00	44.85 1.23 -0.41	40.68 1.00 -4.92	44.27 1.02 -7.77	47.20 1.06 -10.88

MID___OSWEGATCHIE_HYD 23849	42.59 0.48 0.00	40.39 0.50 0.00	42.98 0.12 0.00	40.44 -0.27 0.00	43.17 0.04 0.00	49.07 0.15 0.00	89.44 0.38 0.00	92.78 1.41 0.00	54.49 1.13 0.00	42.73 0.49 0.00	49.57 1.04 0.00	44.53 0.34 0.00	36.81 -0.08 0.00	39.08 -0.46 0.00	40.99 -0.91 0.00	57.96 -0.89 0.00	64.40 0.15 0.00	116.39 -0.20 0.00	63.04 -0.88 0.00	49.84 -0.54 0.00	43.26 0.04 -0.01	34.71 -0.17 -0.12	35.36 -0.31 -0.19	34.95 -0.58 -0.27
MID___RAQUETTE_HYD 23851	44.00 1.88 0.00	41.70 1.81 0.00	44.06 1.20 0.00	41.25 0.53 0.00	43.81 0.68 0.00	49.68 0.76 0.00	90.78 1.71 0.00	93.83 2.46 0.00	54.86 1.51 0.00	43.00 0.76 0.00	49.84 1.30 0.00	44.99 0.80 0.00	37.11 0.21 0.00	39.35 -0.18 0.00	41.12 -0.79 0.00	58.06 -0.79 0.00	64.31 0.07 0.00	115.60 -0.99 0.00	62.58 -1.35 0.00	49.79 -0.59 0.00	43.63 0.41 -0.01	34.89 0.06 -0.08	35.51 -0.09 -0.12	35.07 -0.36 -0.17
MILLIKEN___1 23584	42.24 0.12 0.00	39.98 0.10 0.00	42.97 0.11 0.00	40.99 0.27 0.00	43.56 0.43 0.00	49.52 0.60 0.00	90.37 1.31 0.00	92.91 1.54 0.00	53.94 0.58 0.00	42.35 0.11 0.00	48.86 0.33 0.00	44.02 -0.17 0.00	36.40 -0.49 0.00	39.21 -0.33 0.00	41.86 -0.05 0.00	59.42 0.58 0.00	65.35 1.11 0.00	118.75 2.16 0.00	65.07 1.15 0.00	51.11 0.73 0.00	43.67 0.39 -0.07	35.80 0.16 -0.87	36.96 0.10 -1.38	37.29 0.09 -1.93
MILLIKEN___2 23585	42.24 0.12 0.00	39.98 0.10 0.00	42.97 0.11 0.00	40.99 0.27 0.00	43.56 0.43 0.00	49.52 0.60 0.00	90.37 1.31 0.00	92.91 1.54 0.00	53.94 0.58 0.00	42.35 0.11 0.00	48.86 0.33 0.00	44.02 -0.17 0.00	36.40 -0.49 0.00	39.21 -0.33 0.00	41.86 -0.05 0.00	59.42 0.58 0.00	65.35 1.11 0.00	118.75 2.16 0.00	65.07 1.15 0.00	51.11 0.73 0.00	43.67 0.39 -0.07	35.80 0.16 -0.87	36.96 0.10 -1.38	37.29 0.09 -1.93
MILLIKEN___DIESEL 23629	42.24 0.12 0.00	39.98 0.10 0.00	42.97 0.11 0.00	40.99 0.27 0.00	43.56 0.43 0.00	49.52 0.60 0.00	90.37 1.31 0.00	92.91 1.54 0.00	53.94 0.58 0.00	42.35 0.11 0.00	48.86 0.33 0.00	44.02 -0.17 0.00	36.40 -0.49 0.00	39.21 -0.33 0.00	41.86 -0.05 0.00	59.42 0.58 0.00	65.35 1.11 0.00	118.75 2.16 0.00	65.07 1.15 0.00	51.11 0.73 0.00	43.67 0.39 -0.07	35.80 0.16 -0.87	36.96 0.10 -1.38	37.29 0.09 -1.93
MILLSEAT___LFGE 323607	41.64 -0.48 0.00	39.38 -0.51 0.00	43.10 0.23 0.00	41.33 0.61 0.00	44.08 0.95 0.00	49.76 0.84 0.00	90.16 1.10 0.00	92.16 0.78 0.00	53.29 -0.07 0.00	42.09 -0.14 0.00	48.63 0.09 0.00	43.80 -0.38 0.00	36.04 -0.86 0.00	38.52 -1.01 0.00	40.81 -1.09 0.00	58.14 -0.71 0.00	63.74 -0.51 0.00	115.29 -1.29 0.00	63.13 -0.79 0.00	49.22 -1.16 0.00	41.49 -1.77 -0.05	33.61 -1.73 -0.59	34.83 -1.58 -0.93	35.65 -0.91 -1.30
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	44.04 1.92 0.00	41.59 1.70 0.00	44.51 1.65 0.00	42.24 1.52 0.00	44.64 1.51 0.00	50.72 1.80 0.00	92.38 3.31 0.00	94.94 3.57 0.00	55.42 2.06 0.00	44.03 1.80 0.00	50.71 2.17 0.00	46.33 2.15 0.00	38.72 1.83 0.00	41.57 2.04 0.00	46.17 2.15 -2.11	61.44 2.59 0.00	66.97 2.73 0.00	122.02 5.44 0.00	67.01 3.08 0.00	52.93 2.55 0.00	45.68 2.13 -0.34	40.60 1.76 -4.09	43.78 1.85 -6.45	46.00 1.71 -9.03
MILLWOOD_13_KV_LOAD 356217	44.14 2.02 0.00	41.69 1.80 0.00	44.61 1.75 0.00	42.34 1.62 0.00	44.73 1.60 0.00	50.84 1.92 0.00	92.61 3.54 0.00	95.19 3.81 0.00	55.55 2.19 0.00	44.13 1.89 0.00	50.81 2.28 0.00	46.43 2.25 0.00	38.81 1.91 0.00	41.67 2.13 0.00	46.27 2.26 -2.11	61.60 2.75 0.00	67.16 2.91 0.00	122.41 5.82 0.00	67.21 3.28 0.00	53.09 2.71 0.00	45.81 2.26 -0.34	40.69 1.85 -4.09	43.86 1.94 -6.45	46.08 1.80 -9.03
MODEL_CITY_ENERGY 24167	40.59 -1.53 0.00	38.42 -1.47 0.00	42.14 -0.72 0.00	40.44 -0.28 0.00	43.08 -0.05 0.00	48.43 -0.49 0.00	86.50 -2.56 0.00	88.14 -3.23 0.00	51.35 -2.01 0.00	40.86 -1.37 0.00	47.56 -0.97 0.00	42.75 -1.43 0.00	35.25 -1.65 0.00	37.64 -1.90 0.00	39.79 -2.12 0.00	56.26 -2.59 0.00	61.33 -2.92 0.00	111.05 -5.54 0.00	60.71 -3.22 0.00	47.29 -3.08 0.00	39.85 -3.41 -0.05	32.37 -3.02 -0.63	33.67 -2.79 -0.99	34.64 -2.00 -1.39
MODERN_LFGE___ 323580	40.59 -1.53 0.00	38.42 -1.47 0.00	42.14 -0.72 0.00	40.44 -0.28 0.00	43.08 -0.05 0.00	48.43 -0.49 0.00	86.50 -2.56 0.00	88.14 -3.23 0.00	51.35 -2.01 0.00	40.86 -1.37 0.00	47.56 -0.97 0.00	42.75 -1.43 0.00	35.25 -1.65 0.00	37.64 -1.90 0.00	39.79 -2.12 0.00	56.26 -2.59 0.00	61.33 -2.92 0.00	111.05 -5.54 0.00	60.71 -3.22 0.00	47.29 -3.08 0.00	39.85 -3.41 -0.05	32.37 -3.02 -0.63	33.67 -2.79 -0.99	34.64 -2.00 -1.39
MOHAWK_PAPER___DRP 24187	43.49 1.37 0.00	41.22 1.33 0.00	44.23 1.37 0.00	41.93 1.22 0.00	44.34 1.21 0.00	50.30 1.38 0.00	91.56 2.50 0.00	93.80 2.43 0.00	54.90 1.54 0.00	43.38 1.15 0.00	49.56 1.02 0.00	45.39 1.21 0.00	37.99 1.09 0.00	40.77 1.24 0.00	43.26 1.35 0.00	60.65 1.80 0.00	66.18 1.94 0.00	120.23 3.65 0.00	65.95 2.02 0.00	52.02 1.65 0.00	45.12 1.49 -0.42	41.05 1.26 -5.04	44.68 1.26 -7.95	47.68 1.30 -11.13
MOHICAN___35_KV_115KV_LD 80490	45.26 3.14 0.00	42.80 2.92 0.00	45.94 3.07 0.00	43.59 2.87 0.00	46.23 3.10 0.00	52.69 3.78 0.00	96.55 7.48 0.00	98.50 7.13 0.00	57.47 4.11 0.00	45.00 2.77 0.00	51.33 2.80 0.00	47.22 3.03 0.00	39.30 2.41 0.00	41.84 2.30 0.00	44.91 3.00 0.00	63.18 4.33 0.00	69.25 5.00 0.00	125.02 8.43 0.00	68.13 4.20 0.00	53.26 2.88 0.00	46.99 3.35 -0.43	42.67 2.73 -5.18	46.42 2.76 -8.18	49.60 2.89 -11.46
MONGAUP___HYD 23641	44.16 2.04 0.00	41.72 1.83 0.00	44.71 1.85 0.00	42.45 1.73 0.00	44.91 1.77 0.00	51.06 2.14 0.00	93.17 4.10 0.00	95.80 4.43 0.00	55.67 2.31 0.00	43.82 1.59 0.00	50.10 1.56 0.00	45.69 1.51 0.00	38.18 1.29 0.00	40.94 1.41 0.00	41.48 1.51 1.93	61.32 2.47 0.00	67.37 3.12 0.00	122.99 6.41 0.00	67.57 3.64 0.00	53.34 2.96 0.00	46.03 2.51 -0.31	40.49 1.98 -3.76	43.43 2.03 -5.93	45.43 1.86 -8.31
MONTAUK___DIESEL 23721	43.99 1.87 0.00	41.31 1.42 0.00	44.41 1.56 0.00	41.45 0.74 0.00	43.59 0.46 0.00	49.04 0.12 0.00	90.97 -0.08 -1.99	95.75 0.03 -4.36	53.28 -0.08 0.00	42.73 0.49 0.00	50.07 1.54 0.00	46.13 1.94 0.00	38.98 2.09 0.00	42.31 2.77 0.00	47.06 3.29 -1.87	66.34 3.85 -3.64	74.08 4.78 -5.05	132.78 8.84 -7.35	130.09 5.52 -60.64	54.97 4.58 0.00	47.58 3.94 -0.43	42.42 3.46 -4.21	45.71 3.74 -6.49	47.91 3.57 -9.08
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.59 -1.52 0.00	38.51 -1.38 0.00	42.23 -0.63 0.00	41.16 0.45 0.00	44.18 1.05 0.00	50.30 1.38 0.00	90.68 1.61 0.00	93.23 1.86 0.00	54.04 0.68 0.00	42.69 0.45 0.00	49.87 1.34 0.00	44.68 0.49 0.00	36.83 -0.06 0.00	39.63 0.10 0.00	41.91 0.00 0.00	59.54 0.69 0.00	64.50 0.25 0.00	114.56 -2.02 0.00	61.75 -2.18 0.00	47.50 -2.88 0.00	39.84 -3.43 -0.06	32.35 -3.14 -0.74	33.47 -3.18 -1.17	34.26 -2.63 -1.64

MORRIS_RIDGE___SOLAR 323848	39.80 -2.32 0.00	37.88 -2.00 0.00	41.34 -1.52 0.00	39.80 -0.92 0.00	42.64 -0.49 0.00	48.59 -0.33 0.00	88.09 -0.97 0.00	90.15 -1.22 0.00	52.34 -1.02 0.00	41.09 -1.14 0.00	47.91 -0.62 0.00	43.19 -0.99 0.00	35.67 -1.22 0.00	38.36 -1.18 0.00	40.75 -1.15 0.00	58.12 -0.73 0.00	63.68 -0.56 0.00	114.99 -1.59 0.00	62.72 -1.21 0.00	48.65 -1.73 0.00	40.81 -2.47 -0.07	33.11 -2.51 -0.86	34.37 -2.47 -1.36	35.07 -2.09 -1.91
MORTIMER_115KV_TB3 55949	41.55 -0.57 0.00	39.29 -0.60 0.00	42.72 -0.14 0.00	40.82 0.11 0.00	43.44 0.31 0.00	49.28 0.36 0.00	89.15 0.08 0.00	91.28 -0.09 0.00	53.08 -0.28 0.00	42.01 -0.23 0.00	48.59 0.06 0.00	43.80 -0.39 0.00	36.29 -0.60 0.00	38.86 -0.68 0.00	41.23 -0.68 0.00	58.38 -0.47 0.00	63.80 -0.45 0.00	115.65 -0.94 0.00	63.27 -0.66 0.00	49.50 -0.87 0.00	41.99 -1.26 -0.04	34.06 -1.18 -0.49	35.13 -1.11 -0.77	35.64 -0.70 -1.08
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.28 2.16 0.00	41.79 1.90 0.00	44.71 1.85 0.00	42.42 1.71 0.00	44.81 1.68 0.00	50.95 2.03 0.00	92.80 3.73 0.00	95.51 4.14 0.00	55.80 2.45 0.00	44.35 2.12 0.00	51.10 2.57 0.00	46.71 2.53 0.00	39.07 2.17 0.00	41.95 2.42 0.00	46.34 2.56 -1.88	61.95 3.11 0.00	67.49 3.24 0.00	123.02 6.41 -0.04	67.52 3.59 0.00	53.34 2.97 0.00	45.99 2.44 -0.34	40.87 2.01 -4.11	44.07 2.11 -6.48	46.28 1.94 -9.08
MUNSVILLE_WIND_PWR 323609	43.44 1.32 0.00	40.93 1.04 0.00	43.71 0.85 0.00	41.96 1.25 0.00	44.56 1.43 0.00	50.87 1.96 0.00	93.56 4.49 0.00	97.14 5.77 0.00	56.57 3.22 0.00	44.43 2.20 0.00	51.34 2.81 0.00	46.39 2.20 0.00	38.39 1.50 0.00	41.06 1.53 0.00	43.79 1.89 0.00	63.09 4.24 0.00	69.79 5.55 0.00	127.24 10.65 0.00	69.80 5.88 0.00	54.64 4.26 0.00	46.29 2.97 -0.11	37.81 1.73 -1.32	38.95 1.39 -2.09	39.23 1.05 -2.92
N SALMON___HYD 24042	44.71 2.60 0.00	42.32 2.43 0.00	44.72 1.86 0.00	41.97 1.26 0.00	44.57 1.44 0.00	50.78 1.86 0.00	93.31 4.25 0.00	96.36 4.99 0.00	56.29 2.93 0.00	43.98 1.75 0.00	50.67 2.14 0.00	45.89 1.70 0.00	37.84 0.95 0.00	40.22 0.69 0.00	42.23 0.33 0.00	59.81 0.96 0.00	65.98 1.73 0.00	118.75 2.16 0.00	64.32 0.40 0.00	51.17 0.79 0.00	44.86 1.65 0.00	35.60 0.85 0.00	35.93 0.45 0.00	35.20 -0.06 0.00
N.AKRON__115KV_KNAPP 355671	41.46 -0.66 0.00	39.21 -0.68 0.00	42.94 0.08 0.00	41.20 0.48 0.00	43.93 0.80 0.00	49.54 0.62 0.00	88.54 -0.53 0.00	90.83 -0.54 0.00	53.17 -0.19 0.00	42.04 -0.19 0.00	48.62 0.08 0.00	43.78 -0.40 0.00	36.04 -0.86 0.00	38.50 -1.03 0.00	40.78 -1.12 0.00	58.03 -0.82 0.00	63.59 -0.65 0.00	114.77 -1.82 0.00	62.64 -1.28 0.00	48.81 -1.57 0.00	41.14 -2.11 -0.05	33.35 -2.00 -0.60	34.60 -1.83 -0.94	35.46 -1.12 -1.32
N.E_GEN_SANDY PD 24062	64.92 1.65 -21.15	56.29 1.58 -14.83	56.08 1.64 -11.58	53.50 1.45 -11.33	63.50 1.47 -18.90	69.25 1.65 -18.68	96.34 2.93 -4.34	94.77 2.67 -0.72	66.81 1.81 -11.65	45.25 1.38 -1.63	48.80 1.03 0.77	45.47 1.29 0.00	37.72 1.20 0.37	40.95 1.41 0.00	44.56 1.55 -1.10	61.60 2.05 -0.71	68.63 2.01 -2.38	122.00 3.86 -1.56	73.41 2.15 -7.32	72.08 1.78 -19.92	61.84 1.60 -17.03	60.08 1.34 -23.98	51.55 1.39 -14.68	46.94 1.46 -10.21
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.01 1.89 0.00	41.56 1.67 0.00	44.48 1.61 0.00	42.23 1.51 0.00	44.63 1.50 0.00	50.71 1.79 0.00	92.39 3.32 0.00	94.86 3.49 0.00	55.29 1.94 0.00	43.93 1.70 0.00	50.60 2.07 0.00	46.25 2.06 0.00	38.65 1.76 0.00	41.49 1.95 0.00	40.69 2.04 3.25	61.24 2.40 0.00	66.78 2.53 0.00	121.75 5.17 0.00	66.84 2.91 0.00	52.79 2.42 0.00	45.57 2.03 -0.33	40.40 1.67 -3.98	43.56 1.80 -6.28	45.71 1.65 -8.80
N.QUEENS_27_KV_LOAD 356247	44.35 2.24 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.49 1.77 0.00	44.85 1.72 0.00	51.03 2.11 0.00	93.00 3.93 0.00	95.77 4.40 0.00	56.03 2.67 0.00	44.51 2.28 0.00	51.34 2.81 0.00	46.92 2.73 0.00	39.30 2.41 0.00	42.13 2.59 0.00	46.62 2.73 -1.98	62.10 3.25 0.00	67.49 3.25 0.00	124.45 6.91 -0.95	67.67 3.74 0.00	53.44 3.06 0.00	46.08 2.53 -0.34	40.98 2.11 -4.11	44.12 2.16 -6.48	46.34 2.00 -9.08
N.TROY___115KV_TB1 355778	43.72 1.61 0.00	41.40 1.52 0.00	44.45 1.59 0.00	42.14 1.42 0.00	44.60 1.47 0.00	50.59 1.67 0.00	92.18 3.11 0.00	94.35 2.98 0.00	55.19 1.84 0.00	43.58 1.35 0.00	49.72 1.19 0.00	45.55 1.36 0.00	38.09 1.20 0.00	40.86 1.32 0.00	43.42 1.51 0.00	60.95 2.10 0.00	66.51 2.26 0.00	120.71 4.12 0.00	66.16 2.23 0.00	52.12 1.74 0.00	45.31 1.68 -0.42	41.23 1.40 -5.08	44.92 1.43 -8.01	47.99 1.52 -11.22
NARROWS_GT1_1 24228	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT1_2 24229	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT1_3 24230	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT1_4 24231	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT1_5 24232	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08

NARROWS_GT1_6 24233	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT1_7 24234	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT1_8 24235	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT2_1 24236	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT2_2 24237	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT2_3 24238	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT2_4 24239	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT2_5 24240	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT2_6 24241	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT2_7 24242	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NARROWS_GT2_8 24243	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.52 3.27 0.00	124.47 6.93 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.13 2.01 0.00	41.85 1.96 0.00	44.91 2.05 0.00	42.63 1.91 0.00	45.10 1.97 0.00	51.17 2.25 0.00	93.44 4.37 0.00	95.85 4.48 0.00	55.73 2.38 0.00	43.62 1.38 0.00	49.73 1.20 0.00	45.53 1.35 0.00	38.05 1.16 0.00	40.75 1.22 0.00	43.36 1.45 0.00	61.26 2.41 0.00	67.47 3.22 0.00	122.57 5.99 0.00	67.39 3.46 0.00	53.15 2.77 0.00	46.03 2.42 -0.40	41.35 1.82 -4.77	44.75 1.74 -7.53	47.55 1.73 -10.55
NCHELSEA_115KV_TR2 355582	44.29 2.17 0.00	41.84 1.95 0.00	44.82 1.96 0.00	42.55 1.83 0.00	44.98 1.85 0.00	51.11 2.19 0.00	93.17 4.11 0.00	95.80 4.43 0.00	55.89 2.54 0.00	44.30 2.07 0.00	50.97 2.44 0.00	46.49 2.30 0.00	38.85 1.96 0.00	41.72 2.18 0.00	44.27 2.37 0.00	61.90 3.06 0.00	67.54 3.29 0.00	123.01 6.42 0.00	67.59 3.66 0.00	53.35 2.98 0.00	46.07 2.51 -0.34	40.90 2.02 -4.12	44.06 2.08 -6.50	46.31 1.95 -9.10
NEG CAPITAL____MECHNVIL 23645	44.47 2.35 0.00	42.09 2.20 0.00	45.20 2.33 0.00	42.87 2.16 0.00	45.42 2.29 0.00	51.58 2.67 0.00	94.23 5.16 0.00	96.45 5.08 0.00	56.23 2.87 0.00	44.29 2.06 0.00	50.65 2.11 0.00	46.35 2.17 0.00	38.69 1.80 0.00	41.39 1.85 0.00	44.14 2.23 0.00	62.13 3.28 0.00	67.98 3.73 0.00	123.20 6.61 0.00	67.40 3.48 0.00	52.98 2.60 0.00	46.20 2.56 -0.43	41.98 2.08 -5.15	45.70 2.10 -8.12	48.78 2.14 -11.38
NEG CENTRAL_HIGH_ACRES 23767	40.71 -1.41 0.00	38.49 -1.40 0.00	41.75 -1.11 0.00	39.87 -0.85 0.00	42.39 -0.73 0.00	48.14 -0.78 0.00	87.25 -1.82 0.00	89.29 -2.09 0.00	51.94 -1.41 0.00	41.09 -1.14 0.00	47.55 -0.99 0.00	42.97 -1.21 0.00	35.62 -1.27 0.00	38.16 -1.38 0.00	40.52 -1.39 0.00	57.39 -1.46 0.00	62.70 -1.54 0.00	113.74 -2.84 0.00	62.30 -1.63 0.00	48.77 -1.61 0.00	41.47 -1.78 -0.04	33.63 -1.60 -0.46	34.64 -1.57 -0.73	35.04 -1.24 -1.02

NEG CENTRAL___DRP 24199	41.63 -0.49 0.00	39.38 -0.51 0.00	42.49 -0.37 0.00	40.51 -0.21 0.00	43.08 -0.05 0.00	48.95 0.03 0.00	89.09 0.02 0.00	91.35 -0.02 0.00	53.15 -0.20 0.00	41.96 -0.27 0.00	48.45 -0.08 0.00	43.78 -0.41 0.00	36.28 -0.62 0.00	38.87 -0.66 0.00	41.32 -0.59 0.00	58.55 -0.29 0.00	64.17 -0.07 0.00	116.57 -0.02 0.00	63.82 -0.11 0.00	50.07 -0.31 0.00	42.70 -0.55 -0.04	34.57 -0.64 -0.46	35.49 -0.72 -0.73	35.67 -0.61 -1.02
NEG CENTRAL___INDECK 23768	42.03 -0.09 0.00	39.82 -0.07 0.00	43.40 0.54 0.00	41.60 0.89 0.00	44.42 1.29 0.00	50.70 1.78 0.00	92.37 3.30 0.00	94.95 3.58 0.00	55.03 1.67 0.00	42.71 0.47 0.00	49.41 0.88 0.00	44.54 0.36 0.00	36.87 -0.02 0.00	39.51 -0.02 0.00	42.10 0.19 0.00	59.96 1.11 0.00	66.44 2.20 0.00	120.81 4.22 0.00	66.00 2.07 0.00	51.33 0.95 0.00	43.26 -0.01 -0.06	35.02 -0.48 -0.75	36.16 -0.49 -1.18	36.76 -0.15 -1.65
NEG CENTRAL___SENECA 23627	41.66 -0.46 0.00	39.39 -0.50 0.00	42.60 -0.26 0.00	40.63 -0.08 0.00	43.21 0.08 0.00	49.11 0.19 0.00	89.28 0.21 0.00	91.58 0.21 0.00	53.28 -0.08 0.00	42.05 -0.19 0.00	48.58 0.05 0.00	43.85 -0.34 0.00	36.30 -0.60 0.00	38.86 -0.67 0.00	41.32 -0.59 0.00	58.68 -0.17 0.00	64.28 0.04 0.00	116.71 0.12 0.00	63.90 -0.03 0.00	50.08 -0.30 0.00	42.65 -0.60 -0.04	34.52 -0.70 -0.46	35.45 -0.75 -0.72	35.72 -0.56 -1.02
NEG CENTRAL___STATE_STREET 24147	41.88 -0.24 0.00	39.62 -0.26 0.00	42.54 -0.32 0.00	40.52 -0.20 0.00	43.13 0.00 0.00	49.04 0.12 0.00	89.37 0.30 0.00	91.76 0.39 0.00	53.24 -0.12 0.00	42.01 -0.22 0.00	48.50 -0.04 0.00	43.85 -0.33 0.00	36.39 -0.51 0.00	39.04 -0.50 0.00	41.53 -0.37 0.00	58.66 -0.18 0.00	64.46 0.21 0.00	117.14 0.56 0.00	64.02 0.09 0.00	50.26 -0.12 0.00	43.06 -0.19 -0.04	35.05 -0.22 -0.52	36.03 -0.27 -0.83	36.08 -0.33 -1.16
NEG MILLWOOD___DRP 24198	44.42 2.31 0.00	41.95 2.07 0.00	44.93 2.06 0.00	42.64 1.92 0.00	45.07 1.94 0.00	51.24 2.32 0.00	93.40 4.34 0.00	96.07 4.70 0.00	56.07 2.71 0.00	44.47 2.23 0.00	51.19 2.66 0.00	46.69 2.51 0.00	39.03 2.13 0.00	41.91 2.38 0.00	45.06 2.55 -0.60	62.10 3.25 0.00	67.76 3.51 0.00	123.48 6.89 0.00	67.86 3.93 0.00	53.58 3.20 0.00	46.23 2.67 -0.35	41.07 2.16 -4.15	44.25 2.22 -6.55	46.50 2.06 -9.18
NEG NORTH_FLCN_SEA 23793	44.69 2.57 0.00	42.28 2.39 0.00	44.73 1.87 0.00	42.09 1.37 0.00	44.65 1.52 0.00	50.89 1.97 0.00	93.63 4.56 0.00	96.48 5.11 0.00	56.13 2.77 0.00	43.88 1.65 0.00	50.44 1.91 0.00	45.83 1.65 0.00	37.91 1.02 0.00	40.35 0.81 0.00	42.45 0.54 0.00	60.04 1.19 0.00	66.09 1.85 0.00	118.98 2.39 0.00	64.54 0.62 0.00	51.30 0.92 0.00	44.87 1.66 0.00	35.63 0.88 0.00	35.92 0.44 0.00	35.15 -0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	44.26 2.14 0.00	41.92 2.04 0.00	44.29 1.43 0.00	41.60 0.89 0.00	44.16 1.03 0.00	50.37 1.44 0.00	92.55 3.48 0.00	95.40 4.03 0.00	55.46 2.11 0.00	43.44 1.21 0.00	49.94 1.41 0.00	45.28 1.09 0.00	37.39 0.49 0.00	39.73 0.20 0.00	41.84 -0.07 0.00	59.27 0.42 0.00	65.28 1.04 0.00	117.44 0.86 0.00	63.60 -0.33 0.00	50.63 0.25 0.00	44.41 1.20 0.00	35.21 0.45 0.00	35.49 0.01 0.00	34.72 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	44.80 2.68 0.00	42.38 2.49 0.00	44.83 1.96 0.00	42.17 1.45 0.00	44.74 1.62 0.00	51.03 2.11 0.00	93.90 4.83 0.00	96.85 5.47 0.00	56.42 3.07 0.00	44.03 1.80 0.00	50.62 2.09 0.00	45.92 1.74 0.00	37.98 1.08 0.00	40.38 0.84 0.00	42.49 0.58 0.00	60.17 1.32 0.00	66.29 2.04 0.00	119.40 2.82 0.00	64.78 0.85 0.00	51.51 1.13 0.00	45.05 1.84 0.00	35.76 1.00 0.00	36.04 0.56 0.00	35.25 -0.01 0.00
NEG NORTH___LWR_SARANAC 23913	44.80 2.68 0.00	42.38 2.49 0.00	44.83 1.96 0.00	42.17 1.45 0.00	44.74 1.62 0.00	51.03 2.11 0.00	93.90 4.83 0.00	96.85 5.47 0.00	56.42 3.07 0.00	44.03 1.80 0.00	50.62 2.09 0.00	45.92 1.74 0.00	37.98 1.08 0.00	40.38 0.84 0.00	42.49 0.58 0.00	60.17 1.32 0.00	66.29 2.04 0.00	119.40 2.82 0.00	64.78 0.85 0.00	51.51 1.13 0.00	45.05 1.84 0.00	35.76 1.00 0.00	36.04 0.56 0.00	35.25 -0.01 0.00
NEG NORTH___PLATTSBURG 23628	44.80 2.68 0.00	42.38 2.49 0.00	44.83 1.96 0.00	42.17 1.45 0.00	44.75 1.62 0.00	51.03 2.11 0.00	93.90 4.83 0.00	96.84 5.47 0.00	56.42 3.07 0.00	44.03 1.80 0.00	50.62 2.09 0.00	45.92 1.73 0.00	37.97 1.08 0.00	40.38 0.84 0.00	42.49 0.58 0.00	60.17 1.32 0.00	66.29 2.04 0.00	119.40 2.82 0.00	64.78 0.85 0.00	51.51 1.13 0.00	45.05 1.84 0.00	35.77 1.01 0.00	36.04 0.56 0.00	35.25 -0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	40.87 -1.25 0.00	38.67 -1.22 0.00	42.41 -0.45 0.00	40.71 0.00 0.00	43.39 0.26 0.00	48.88 -0.04 0.00	87.44 -1.63 0.00	89.14 -2.23 0.00	51.88 -1.49 0.00	41.23 -1.00 0.00	48.00 -0.53 0.00	43.16 -1.03 0.00	35.57 -1.32 0.00	38.01 -1.52 0.00	40.20 -1.70 0.00	56.90 -1.95 0.00	62.05 -2.20 0.00	112.33 -4.25 0.00	61.40 -2.53 0.00	47.82 -2.56 0.00	40.28 -2.98 -0.05	32.70 -2.68 -0.62	33.99 -2.47 -0.98	34.95 -1.68 -1.37
NEG WEST___LANCASTR 23811	41.20 -0.92 0.00	38.99 -0.90 0.00	42.59 -0.27 0.00	40.91 0.19 0.00	43.63 0.51 0.00	49.38 0.46 0.00	88.79 -0.28 0.00	90.65 -0.72 0.00	52.66 -0.69 0.00	41.82 -0.42 0.00	48.81 0.28 0.00	43.86 -0.33 0.00	36.27 -0.62 0.00	38.90 -0.64 0.00	41.15 -0.76 0.00	58.15 -0.70 0.00	63.34 -0.91 0.00	114.38 -2.21 0.00	62.50 -1.42 0.00	48.75 -1.63 0.00	41.11 -2.16 -0.06	33.35 -2.15 -0.74	34.69 -1.96 -1.17	35.53 -1.36 -1.63
NEG_PENN_ALLEGHNY 23528	41.76 -0.36 0.00	39.57 -0.32 0.00	42.59 -0.27 0.00	40.64 -0.07 0.00	43.17 0.04 0.00	48.96 0.05 0.00	89.07 0.00 0.00	91.44 0.07 0.00	53.09 -0.26 0.00	41.57 -0.66 0.00	48.25 -0.28 0.00	43.51 -0.67 0.00	36.16 -0.73 0.00	39.23 -0.31 0.00	41.89 -0.02 0.00	59.08 0.23 0.00	64.44 0.19 0.00	116.68 0.09 0.00	64.09 0.17 0.00	50.39 0.01 0.00	43.05 -0.28 -0.11	35.75 -0.38 -1.37	37.27 -0.37 -2.16	37.98 -0.31 -3.03
NEG___GEN_MONROE 24207	41.83 -0.29 0.00	39.57 -0.32 0.00	43.08 0.22 0.00	41.26 0.54 0.00	43.98 0.85 0.00	49.92 1.01 0.00	90.36 1.29 0.00	92.19 0.82 0.00	53.56 0.20 0.00	42.31 0.08 0.00	48.79 0.26 0.00	43.96 -0.23 0.00	36.37 -0.52 0.00	38.92 -0.61 0.00	41.29 -0.62 0.00	58.64 -0.21 0.00	64.27 0.03 0.00	116.49 -0.09 0.00	63.77 -0.15 0.00	49.85 -0.53 0.00	42.22 -1.04 -0.04	34.22 -1.03 -0.49	35.31 -0.95 -0.78	35.84 -0.51 -1.09
NEPA___ENERGY 23901	40.62 -1.50 0.00	38.49 -1.39 0.00	41.88 -0.98 0.00	40.43 -0.28 0.00	43.24 0.11 0.00	48.98 0.06 0.00	88.17 -0.90 0.00	90.21 -1.17 0.00	52.19 -1.17 0.00	41.32 -0.91 0.00	48.41 -0.12 0.00	43.46 -0.72 0.00	35.96 -0.93 0.00	38.75 -0.78 0.00	40.96 -0.95 0.00	57.80 -1.05 0.00	62.78 -1.47 0.00	112.80 -3.78 0.00	61.66 -2.27 0.00	48.11 -2.27 0.00	40.55 -2.72 -0.06	32.96 -2.54 -0.75	34.28 -2.37 -1.18	35.01 -1.90 -1.65

NEVERSINK___HYD 23608	43.73 1.61 0.00	41.31 1.42 0.00	44.28 1.42 0.00	42.08 1.36 0.00	44.51 1.38 0.00	50.62 1.70 0.00	92.54 3.47 0.00	95.95 4.57 0.00	56.07 2.71 0.00	44.17 1.94 0.00	51.02 2.49 0.00	46.45 2.26 0.00	38.58 1.69 0.00	40.40 0.86 0.00	42.37 1.05 0.59	60.15 1.30 0.00	65.88 1.63 0.00	120.20 3.62 0.00	66.04 2.11 0.00	51.43 1.05 0.00	44.11 0.59 -0.31	40.07 1.59 -3.73	43.01 1.64 -5.89	44.98 1.47 -8.25
NEWKRMKL_115KV_TB1 55635	43.23 1.11 0.00	40.98 1.10 0.00	43.96 1.09 0.00	41.71 1.00 0.00	44.05 0.92 0.00	49.94 1.02 0.00	90.85 1.78 0.00	93.07 1.70 0.00	54.51 1.16 0.00	43.14 0.91 0.00	49.30 0.77 0.00	45.18 1.00 0.00	37.80 0.91 0.00	40.56 1.03 0.00	43.06 1.15 0.00	60.25 1.41 0.00	65.69 1.45 0.00	119.33 2.74 0.00	65.49 1.56 0.00	51.70 1.32 0.00	44.85 1.22 -0.42	40.79 1.03 -5.00	44.40 1.02 -7.90	47.35 1.03 -11.06
NEWTON___FALLS_HYD 23847	42.59 0.48 0.00	40.39 0.50 0.00	42.98 0.12 0.00	40.44 -0.27 0.00	43.17 0.04 0.00	49.07 0.15 0.00	89.44 0.38 0.00	92.78 1.41 0.00	54.49 1.13 0.00	42.73 0.49 0.00	49.57 1.04 0.00	44.53 0.34 0.00	36.81 -0.08 0.00	39.08 -0.46 0.00	40.99 -0.91 0.00	57.96 -0.89 0.00	64.40 0.15 0.00	116.39 -0.20 0.00	63.04 -0.88 0.00	49.84 -0.54 0.00	43.26 0.04 -0.01	34.71 -0.17 -0.12	35.36 -0.31 -0.19	34.95 -0.58 -0.27
NGRID_A1_DSASP 323792	40.50 -1.62 0.00	38.30 -1.59 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.13 -2.94 0.00	87.37 -4.00 0.00	50.71 -2.65 0.00	40.40 -1.83 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.65 -2.25 0.00	55.99 -2.86 0.00	60.80 -3.45 0.00	109.67 -6.92 0.00	59.95 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.17 -3.22 -0.63	33.47 -3.00 -0.99	34.54 -2.11 -1.39
NGRID_A2_DSASP 323793	40.50 -1.62 0.00	38.30 -1.59 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.13 -2.94 0.00	87.37 -4.00 0.00	50.71 -2.65 0.00	40.40 -1.83 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.65 -2.25 0.00	55.99 -2.86 0.00	60.80 -3.45 0.00	109.67 -6.92 0.00	59.95 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.17 -3.22 -0.63	33.47 -3.00 -0.99	34.54 -2.11 -1.39
NGRID_A4_DSASP 323807	40.50 -1.62 0.00	38.30 -1.59 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.13 -2.94 0.00	87.37 -4.00 0.00	50.71 -2.65 0.00	40.40 -1.83 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.65 -2.25 0.00	55.99 -2.86 0.00	60.80 -3.45 0.00	109.67 -6.92 0.00	59.95 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.17 -3.22 -0.63	33.47 -3.00 -0.99	34.54 -2.11 -1.39
NIAGARA_115E_LBMP 323715	40.41 -1.71 0.00	38.24 -1.65 0.00	41.97 -0.89 0.00	40.27 -0.45 0.00	42.91 -0.22 0.00	48.15 -0.76 0.00	85.99 -3.07 0.00	87.58 -3.80 0.00	51.04 -2.32 0.00	40.65 -1.58 0.00	47.32 -1.21 0.00	42.55 -1.64 0.00	35.06 -1.83 0.00	37.44 -2.09 0.00	39.57 -2.33 0.00	55.90 -2.94 0.00	60.91 -3.33 0.00	110.28 -6.30 0.00	60.32 -3.61 0.00	46.98 -3.40 0.00	39.58 -3.68 -0.05	32.16 -3.23 -0.63	33.47 -3.00 -1.00	34.46 -2.19 -1.40
NIAGARA_115W_LBMP 323714	40.45 -1.66 0.00	38.26 -1.62 0.00	41.98 -0.88 0.00	40.28 -0.44 0.00	42.91 -0.22 0.00	48.32 -0.60 0.00	85.98 -3.09 0.00	87.16 -4.21 0.00	50.60 -2.76 0.00	40.30 -1.93 0.00	47.28 -1.25 0.00	42.51 -1.68 0.00	35.07 -1.83 0.00	37.46 -2.08 0.00	39.59 -2.32 0.00	55.90 -2.95 0.00	60.65 -3.60 0.00	109.38 -7.20 0.00	59.81 -4.12 0.00	46.61 -3.77 0.00	39.27 -3.99 -0.05	32.10 -3.29 -0.63	33.41 -3.06 -0.99	34.47 -2.17 -1.39
NIAGARA_230_LBMP 323716	40.58 -1.54 0.00	38.37 -1.51 0.00	42.07 -0.79 0.00	40.35 -0.36 0.00	42.99 -0.14 0.00	48.49 -0.43 0.00	86.72 -2.35 0.00	88.25 -3.12 0.00	51.33 -2.02 0.00	40.86 -1.37 0.00	47.68 -0.85 0.00	42.85 -1.34 0.00	35.37 -1.53 0.00	37.80 -1.74 0.00	39.96 -1.94 0.00	56.46 -2.39 0.00	61.43 -2.82 0.00	111.02 -5.56 0.00	60.70 -3.23 0.00	47.30 -3.08 0.00	39.88 -3.38 -0.05	32.45 -2.93 -0.62	33.77 -2.68 -0.98	34.78 -1.85 -1.37
NIAGARA___115KV_198_GIBSON 55903	40.45 -1.66 0.00	38.26 -1.63 0.00	41.98 -0.88 0.00	40.28 -0.44 0.00	42.90 -0.22 0.00	48.33 -0.59 0.00	85.98 -3.09 0.00	87.18 -4.19 0.00	50.60 -2.76 0.00	40.30 -1.93 0.00	47.28 -1.25 0.00	42.50 -1.68 0.00	35.07 -1.83 0.00	37.46 -2.07 0.00	39.58 -2.33 0.00	55.90 -2.95 0.00	60.66 -3.59 0.00	109.38 -7.20 0.00	59.82 -4.11 0.00	46.61 -3.77 0.00	39.28 -3.99 -0.05	32.10 -3.28 -0.63	33.41 -3.06 -0.99	34.47 -2.18 -1.39
NIAGARA____ 23760	40.58 -1.54 0.00	38.37 -1.51 0.00	42.07 -0.79 0.00	40.35 -0.36 0.00	42.99 -0.14 0.00	48.49 -0.43 0.00	86.72 -2.35 0.00	88.25 -3.12 0.00	51.33 -2.02 0.00	40.86 -1.37 0.00	47.68 -0.85 0.00	42.85 -1.34 0.00	35.37 -1.53 0.00	37.80 -1.74 0.00	39.96 -1.94 0.00	56.46 -2.39 0.00	61.43 -2.82 0.00	111.02 -5.56 0.00	60.70 -3.23 0.00	47.30 -3.08 0.00	39.88 -3.38 -0.05	32.46 -2.93 -0.62	33.79 -2.68 -0.99	34.80 -1.85 -1.39
NINE_MILE_1 23575	40.51 -1.61 0.00	38.34 -1.54 0.00	41.27 -1.59 0.00	39.25 -1.46 0.00	41.62 -1.50 0.00	47.23 -1.69 0.00	85.94 -3.13 0.00	88.15 -3.22 0.00	51.45 -1.91 0.00	40.65 -1.58 0.00	46.80 -1.73 0.00	42.49 -1.69 0.00	35.43 -1.46 0.00	37.99 -1.54 0.00	40.31 -1.59 0.00	56.73 -2.12 0.00	62.00 -2.24 0.00	112.50 -4.08 0.00	61.69 -2.24 0.00	48.54 -1.84 0.00	41.56 -1.67 -0.02	33.71 -1.33 -0.28	34.55 -1.37 -0.44	34.56 -1.32 -0.62
NINE_MILE_2 23744	40.51 -1.61 0.00	38.35 -1.54 0.00	41.27 -1.59 0.00	39.25 -1.46 0.00	41.63 -1.50 0.00	47.23 -1.69 0.00	85.94 -3.12 0.00	88.15 -3.22 0.00	51.45 -1.91 0.00	40.66 -1.57 0.00	46.80 -1.73 0.00	42.49 -1.69 0.00	35.43 -1.46 0.00	38.00 -1.53 0.00	40.32 -1.59 0.00	56.73 -2.12 0.00	62.01 -2.24 0.00	112.50 -4.08 0.00	61.69 -2.24 0.00	48.55 -1.83 0.00	41.56 -1.67 -0.02	33.71 -1.33 -0.28	34.55 -1.37 -0.44	34.55 -1.32 -0.61
NM_CAPITAL___DRP 24208	43.24 1.12 0.00	41.00 1.11 0.00	43.98 1.12 0.00	41.70 0.99 0.00	44.06 0.93 0.00	49.95 1.03 0.00	90.89 1.83 0.00	93.07 1.70 0.00	54.53 1.17 0.00	43.14 0.90 0.00	49.28 0.75 0.00	45.15 0.96 0.00	37.80 0.90 0.00	40.56 1.03 0.00	43.02 1.11 0.00	60.24 1.40 0.00	65.67 1.42 0.00	119.30 2.72 0.00	65.43 1.51 0.00	51.65 1.27 0.00	44.82 1.19 -0.42	40.78 1.02 -5.01	44.40 1.02 -7.91	47.39 1.06 -11.07
NM_CENTRAL___DRP 24181	41.23 -0.89 0.00	39.02 -0.86 0.00	42.04 -0.82 0.00	40.02 -0.70 0.00	42.45 -0.68 0.00	48.16 -0.76 0.00	87.64 -1.43 0.00	89.95 -1.42 0.00	52.44 -0.92 0.00	41.38 -0.86 0.00	47.71 -0.83 0.00	43.26 -0.92 0.00	36.01 -0.88 0.00	38.68 -0.86 0.00	41.08 -0.83 0.00	57.90 -0.95 0.00	63.32 -0.93 0.00	114.87 -1.72 0.00	63.00 -0.93 0.00	49.55 -0.83 0.00	42.36 -0.88 -0.03	34.40 -0.74 -0.39	35.30 -0.78 -0.61	35.38 -0.74 -0.85

NM_FRONTIER___DRP 24179	40.45 -1.66 0.00	38.26 -1.63 0.00	41.98 -0.88 0.00	40.28 -0.44 0.00	42.90 -0.22 0.00	48.33 -0.59 0.00	85.98 -3.09 0.00	87.18 -4.19 0.00	50.60 -2.76 0.00	40.30 -1.93 0.00	47.28 -1.25 0.00	42.50 -1.68 0.00	35.07 -1.83 0.00	37.46 -2.07 0.00	39.58 -2.33 0.00	55.90 -2.95 0.00	60.66 -3.59 0.00	109.38 -7.20 0.00	59.82 -4.11 0.00	46.61 -3.77 0.00	39.28 -3.99 -0.05	32.10 -3.28 -0.63	33.41 -3.06 -0.99	34.47 -2.18 -1.39
NM_ST_REGIS___HYD 24053	44.24 2.12 0.00	41.89 2.01 0.00	44.27 1.41 0.00	41.48 0.76 0.00	44.05 0.92 0.00	50.01 1.09 0.00	91.56 2.49 0.00	94.61 3.23 0.00	55.31 1.95 0.00	43.31 1.07 0.00	50.08 1.55 0.00	45.26 1.08 0.00	37.33 0.43 0.00	39.61 0.07 0.00	41.43 -0.48 0.00	58.56 -0.28 0.00	64.80 0.56 0.00	116.52 -0.07 0.00	63.08 -0.85 0.00	50.19 -0.19 0.00	44.00 0.79 -0.01	35.11 0.28 -0.07	35.67 0.08 -0.12	35.15 -0.27 -0.16
NORTHPORT___1 23551	44.67 2.55 0.00	41.97 2.09 0.00	44.89 2.02 0.00	42.36 1.64 0.00	44.50 1.37 0.00	49.97 1.05 0.00	77.86 1.19 12.40	65.73 1.54 27.19	54.43 1.07 0.00	43.56 1.33 0.00	50.72 2.18 0.00	46.30 2.11 0.00	38.71 1.82 0.00	41.71 2.17 0.00	45.83 2.06 -1.87	38.09 1.95 22.71	34.79 2.05 31.51	75.44 3.47 44.61	56.66 2.88 10.15	53.02 2.64 0.00	45.12 2.14 0.23	40.93 1.97 -4.20	44.27 2.30 -6.49	46.55 2.21 -9.08
NORTHPORT___2 23552	44.67 2.55 0.00	41.97 2.09 0.00	44.89 2.02 0.00	42.36 1.64 0.00	44.50 1.37 0.00	49.97 1.05 0.00	77.86 1.19 12.40	65.73 1.54 27.19	54.43 1.07 0.00	43.56 1.33 0.00	50.72 2.18 0.00	46.30 2.11 0.00	38.71 1.82 0.00	41.71 2.17 0.00	45.83 2.06 -1.87	38.09 1.95 22.71	34.79 2.05 31.51	75.44 3.47 44.61	56.66 2.88 10.15	53.02 2.64 0.00	45.12 2.14 0.23	40.93 1.97 -4.20	44.27 2.30 -6.49	46.55 2.21 -9.08
NORTHPORT___3 23553	44.69 2.57 0.00	41.99 2.11 0.00	44.89 2.02 0.00	42.36 1.65 0.00	44.50 1.37 0.00	49.97 1.05 0.00	82.22 1.19 8.04	75.28 1.54 17.63	54.43 1.07 0.00	43.58 1.35 0.00	50.77 2.24 0.00	46.34 2.16 0.00	38.75 1.86 0.00	41.75 2.21 0.00	45.86 2.08 -1.87	46.07 1.95 14.72	45.85 2.04 20.43	91.33 3.47 28.73	78.43 2.88 -11.62	53.00 2.62 0.00	45.31 2.13 0.03	40.94 1.98 -4.20	44.28 2.31 -6.49	46.53 2.19 -9.08
NORTHPORT___4 23650	44.69 2.57 0.00	41.99 2.11 0.00	44.89 2.02 0.00	42.36 1.65 0.00	44.50 1.37 0.00	49.97 1.05 0.00	82.22 1.19 8.04	75.28 1.54 17.63	54.43 1.07 0.00	43.58 1.35 0.00	50.77 2.24 0.00	46.34 2.16 0.00	38.75 1.86 0.00	41.75 2.21 0.00	45.86 2.08 -1.87	46.07 1.95 14.72	45.85 2.04 20.43	91.33 3.47 28.73	78.43 2.88 -11.62	53.00 2.62 0.00	45.31 2.13 0.03	40.94 1.98 -4.20	44.28 2.31 -6.49	46.53 2.19 -9.08
NORTHPORT___IC 23718	44.67 2.55 0.00	41.98 2.10 0.00	44.89 2.02 0.00	42.36 1.64 0.00	44.50 1.37 0.00	49.97 1.05 0.00	77.88 1.20 12.40	65.72 1.54 27.19	54.43 1.07 0.00	43.56 1.33 0.00	50.72 2.18 0.00	46.30 2.11 0.00	38.71 1.82 0.00	41.71 2.18 0.00	45.83 2.06 -1.87	38.09 1.96 22.71	34.79 2.06 31.51	75.44 3.47 44.61	56.66 2.88 10.15	53.02 2.64 0.00	45.12 2.15 0.23	40.93 1.97 -4.20	44.27 2.30 -6.49	46.55 2.21 -9.08
NORTH___COUNTRY_ESR 323785	44.17 2.05 0.00	41.82 1.93 0.00	44.19 1.33 0.00	41.51 0.80 0.00	44.04 0.91 0.00	50.24 1.32 0.00	92.27 3.21 0.00	95.11 3.74 0.00	55.27 1.91 0.00	43.31 1.08 0.00	49.85 1.32 0.00	45.19 1.01 0.00	37.34 0.45 0.00	39.71 0.17 0.00	41.77 -0.13 0.00	59.16 0.32 0.00	65.11 0.86 0.00	117.10 0.51 0.00	63.41 -0.52 0.00	50.50 0.12 0.00	44.27 1.06 0.00	35.12 0.36 0.00	35.42 -0.06 0.00	34.64 -0.61 0.00
NPX_GEN_1385_PROXY 323591	45.02 2.90 0.00	42.29 2.41 0.00	46.56 2.39 -1.31	44.14 2.01 -1.42	44.37 1.71 0.47	66.44 1.49 -16.03	159.87 1.99 -68.82	103.77 2.35 -10.04	54.85 1.49 0.00	43.50 1.26 0.00	50.41 1.88 0.00	46.02 1.83 0.00	37.83 1.50 0.56	41.53 2.00 0.00	46.04 2.26 -1.87	38.61 2.48 22.71	116.23 2.63 -49.35	77.19 5.22 44.61	57.42 3.64 10.15	49.98 3.40 3.80	45.76 2.78 0.23	41.44 2.48 -4.20	44.75 2.78 -6.49	47.11 2.77 -9.08
NPX_GEN_CSC 323557	44.94 2.82 0.00	42.19 2.31 0.00	45.10 2.24 0.00	42.49 1.78 0.00	44.18 1.52 0.47	50.73 1.26 -0.55	92.75 1.70 -1.97	97.57 1.87 -4.33	54.46 1.11 0.00	43.55 1.31 0.00	50.60 2.07 0.00	46.18 1.99 0.00	38.67 1.78 0.00	41.50 1.96 0.00	45.98 2.21 -1.87	64.61 2.15 -3.62	72.31 3.04 -5.02	129.01 5.12 -7.30	128.42 3.93 -60.56	49.81 3.23 3.80	46.08 2.44 -0.43	41.16 2.20 -4.21	44.43 2.46 -6.49	46.68 2.34 -9.08
NSINS_S_GLNS_FALLS 23858	45.22 3.10 0.00	42.76 2.88 0.00	45.89 3.03 0.00	43.56 2.84 0.00	46.19 3.06 0.00	52.65 3.73 0.00	96.45 7.38 0.00	98.44 7.06 0.00	57.41 4.06 0.00	44.99 2.76 0.00	51.35 2.82 0.00	47.20 3.02 0.00	39.27 2.38 0.00	41.80 2.27 0.00	44.87 2.96 0.00	63.14 4.29 0.00	69.16 4.91 0.00	124.85 8.26 0.00	67.99 4.06 0.00	53.15 2.77 0.00	46.95 3.31 -0.43	42.65 2.70 -5.19	46.40 2.74 -8.19	49.57 2.85 -11.47
NUCOR_STEEL___DRP 24197	41.86 -0.26 0.00	39.61 -0.28 0.00	42.50 -0.37 0.00	40.46 -0.25 0.00	43.08 -0.05 0.00	48.98 0.06 0.00	89.26 0.20 0.00	91.66 0.29 0.00	53.15 -0.21 0.00	41.97 -0.27 0.00	48.44 -0.09 0.00	43.81 -0.37 0.00	36.37 -0.52 0.00	39.03 -0.51 0.00	41.52 -0.38 0.00	58.59 -0.25 0.00	64.40 0.15 0.00	117.02 0.44 0.00	63.92 -0.01 0.00	50.20 -0.18 0.00	43.03 -0.23 -0.04	35.03 -0.23 -0.52	36.01 -0.28 -0.81	36.04 -0.36 -1.14
NUMBER_THREE_WT_PWR 323818	41.72 -0.40 0.00	39.60 -0.29 0.00	42.52 -0.34 0.00	40.24 -0.48 0.00	43.18 0.06 0.00	49.26 0.34 0.00	89.92 0.85 0.00	93.55 2.18 0.00	55.34 1.98 0.00	43.42 1.19 0.00	50.18 1.65 0.00	44.81 0.63 0.00	37.16 0.26 0.00	39.50 -0.04 0.00	41.65 -0.25 0.00	58.98 0.13 0.00	65.85 1.60 0.00	119.52 2.93 0.00	64.83 0.90 0.00	50.86 0.48 0.00	43.48 0.26 -0.01	34.85 -0.06 -0.15	35.58 -0.14 -0.25	35.18 -0.42 -0.34
NYISO_LBMP_REFERENCE 24008	42.12 0.00 0.00	39.89 0.00 0.00	42.86 0.00 0.00	40.72 0.00 0.00	43.13 0.00 0.00	48.92 0.00 0.00	89.07 0.00 0.00	91.37 0.00 0.00	53.36 0.00 0.00	42.23 0.00 0.00	48.53 0.00 0.00	44.19 0.00 0.00	36.89 0.00 0.00	39.53 0.00 0.00	41.91 0.00 0.00	58.85 0.00 0.00	64.25 0.00 0.00	116.59 0.00 0.00	63.93 0.00 0.00	50.38 0.00 0.00	43.21 0.00 0.00	34.76 0.00 0.00	35.48 0.00 0.00	35.26 0.00 0.00
NYPA_BRENTWD____GT 24164	45.20 3.08 0.00	42.47 2.58 0.00	45.39 2.53 0.00	42.86 2.15 0.00	45.07 1.94 0.00	50.73 1.81 0.00	93.77 2.94 -1.76	98.76 3.52 -3.86	55.34 1.98 0.00	44.23 2.00 0.00	51.39 2.85 0.00	46.87 2.68 0.00	39.19 2.30 0.00	42.23 2.70 0.00	46.50 2.73 -1.87	65.28 3.20 -3.23	71.95 3.22 -4.48	127.93 4.70 -6.65	128.45 3.93 -60.59	53.98 3.60 0.00	46.65 3.03 -0.42	41.53 2.57 -4.21	44.82 2.85 -6.49	47.05 2.70 -9.08

NYPA_GOWANUS____GT5 24156	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.51 3.26 0.00	124.46 6.92 -0.95	67.64 3.71 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NYPA_GOWANUS____GT6 24157	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.74 0.00	44.84 1.71 0.00	51.01 2.09 0.00	92.99 3.92 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.14 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.53 2.64 -1.98	62.07 3.23 0.00	67.51 3.26 0.00	124.46 6.92 -0.95	67.64 3.71 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.35 2.01 -9.08
NYPA_HARLEM__RVR__GT1 24160	44.25 2.14 0.00	41.77 1.88 0.00	44.67 1.81 0.00	42.39 1.68 0.00	44.76 1.63 0.00	50.92 2.00 0.00	92.74 3.68 0.00	95.51 4.14 0.00	55.87 2.51 0.00	44.39 2.16 0.00	51.20 2.66 0.00	46.79 2.60 0.00	39.19 2.30 0.00	42.02 2.49 0.00	46.49 2.60 -1.98	61.95 3.10 0.00	67.34 3.10 0.00	124.12 6.59 -0.95	67.48 3.55 0.00	53.30 2.92 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.06 2.09 -6.48	46.29 1.95 -9.08
NYPA_HARLEM__RVR__GT2 24161	44.25 2.14 0.00	41.77 1.88 0.00	44.67 1.81 0.00	42.39 1.68 0.00	44.76 1.63 0.00	50.92 2.00 0.00	92.74 3.68 0.00	95.51 4.14 0.00	55.87 2.51 0.00	44.39 2.16 0.00	51.20 2.66 0.00	46.79 2.60 0.00	39.19 2.30 0.00	42.02 2.49 0.00	46.49 2.60 -1.98	61.95 3.10 0.00	67.34 3.10 0.00	124.12 6.59 -0.95	67.48 3.55 0.00	53.30 2.92 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.06 2.09 -6.48	46.29 1.95 -9.08
NYPA_KENT____GT 24152	44.35 2.23 0.00	41.86 1.97 0.00	44.76 1.89 0.00	42.48 1.76 0.00	44.87 1.74 0.00	51.04 2.12 0.00	92.98 3.92 0.00	95.76 4.39 0.00	55.98 2.63 0.00	44.50 2.26 0.00	51.23 2.70 0.00	46.88 2.69 0.00	39.22 2.33 0.00	42.10 2.56 0.00	46.61 2.72 -1.98	62.16 3.31 0.00	67.61 3.36 0.00	124.51 6.97 -0.95	67.69 3.77 0.00	53.51 3.13 0.00	46.16 2.61 -0.34	41.02 2.16 -4.11	44.19 2.23 -6.48	46.38 2.04 -9.08
NYPA_POUCH1____GT 24155	44.23 2.11 0.00	41.75 1.86 0.00	44.64 1.78 0.00	42.38 1.67 0.00	44.75 1.62 0.00	50.92 2.00 0.00	92.83 3.77 0.00	95.57 4.20 0.00	55.84 2.48 0.00	44.36 2.13 0.00	50.98 2.45 0.00	46.66 2.48 0.00	39.00 2.11 0.00	41.85 2.31 0.00	46.36 2.47 -1.98	61.85 3.00 0.00	67.30 3.05 0.00	124.17 6.63 -0.95	67.47 3.54 0.00	53.37 2.99 0.00	46.06 2.51 -0.34	40.92 2.06 -4.11	44.09 2.12 -6.48	46.26 1.92 -9.08
NYPA_VERNON____GT2 24162	44.38 2.26 0.00	41.89 2.00 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.91 1.78 0.00	51.07 2.15 0.00	92.98 3.91 0.00	95.76 4.39 0.00	55.99 2.63 0.00	44.52 2.29 0.00	51.33 2.80 0.00	46.95 2.76 0.00	39.29 2.39 0.00	42.17 2.63 0.00	46.67 2.78 -1.98	62.25 3.41 0.00	67.72 3.47 0.00	124.51 6.97 -0.95	67.74 3.81 0.00	53.54 3.16 0.00	46.16 2.61 -0.34	41.02 2.16 -4.11	44.22 2.26 -6.48	46.41 2.07 -9.08
NYPA_VERNON____GT3 24163	44.38 2.26 0.00	41.89 2.00 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.91 1.78 0.00	51.07 2.15 0.00	92.98 3.91 0.00	95.76 4.39 0.00	55.99 2.63 0.00	44.52 2.29 0.00	51.33 2.80 0.00	46.95 2.76 0.00	39.29 2.39 0.00	42.17 2.63 0.00	46.67 2.78 -1.98	62.25 3.41 0.00	67.72 3.47 0.00	124.51 6.97 -0.95	67.74 3.81 0.00	53.54 3.16 0.00	46.16 2.61 -0.34	41.02 2.16 -4.11	44.22 2.26 -6.48	46.41 2.07 -9.08
NYPA____ASTORIA_CC1 323568	44.35 2.23 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.29 0.00	55.95 2.59 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.92 2.74 0.00	39.26 2.37 0.00	42.14 2.60 0.00	46.64 2.75 -1.98	62.19 3.34 0.00	67.65 3.41 0.00	124.39 6.86 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.12 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
NYPA____ASTORIA_CC2 323569	44.35 2.23 0.00	41.85 1.97 0.00	44.76 1.90 0.00	42.48 1.76 0.00	44.86 1.73 0.00	51.02 2.10 0.00	92.90 3.84 0.00	95.66 4.29 0.00	55.95 2.59 0.00	44.48 2.25 0.00	51.28 2.75 0.00	46.92 2.74 0.00	39.26 2.37 0.00	42.14 2.60 0.00	46.64 2.75 -1.98	62.19 3.34 0.00	67.65 3.41 0.00	124.39 6.86 -0.95	67.68 3.76 0.00	53.50 3.12 0.00	46.12 2.56 -0.34	40.99 2.12 -4.11	44.19 2.23 -6.48	46.39 2.05 -9.08
NYPA____HOLTSVILL 23794	44.75 2.64 0.00	42.04 2.16 0.00	44.92 2.06 0.00	42.37 1.65 0.00	44.50 1.37 0.00	49.94 1.02 0.00	92.96 1.16 -2.74	98.75 1.37 -6.01	54.27 0.91 0.00	43.46 1.23 0.00	50.52 1.99 0.00	46.10 1.91 0.00	38.58 1.69 0.00	41.53 1.99 0.00	45.81 2.04 -1.87	65.83 1.96 -5.02	73.45 2.24 -6.97	130.33 3.63 -10.11	131.23 3.06 -64.25	53.18 2.80 0.00	45.93 2.29 -0.44	41.08 2.11 -4.21	44.36 2.39 -6.49	46.64 2.30 -9.08
NYPA____HELLGATE_GT1 24158	44.25 2.14 0.00	41.77 1.88 0.00	44.67 1.81 0.00	42.39 1.68 0.00	44.76 1.63 0.00	50.92 2.00 0.00	92.74 3.68 0.00	95.51 4.14 0.00	55.87 2.51 0.00	44.39 2.16 0.00	51.20 2.66 0.00	46.79 2.60 0.00	39.19 2.30 0.00	42.02 2.49 0.00	46.49 2.60 -1.98	61.95 3.10 0.00	67.34 3.10 0.00	124.12 6.59 -0.95	67.48 3.55 0.00	53.30 2.92 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.06 2.09 -6.48	46.29 1.95 -9.08
NYPA____HELLGATE_GT2 24159	44.25 2.14 0.00	41.77 1.88 0.00	44.67 1.81 0.00	42.39 1.68 0.00	44.76 1.63 0.00	50.92 2.00 0.00	92.74 3.68 0.00	95.51 4.14 0.00	55.87 2.51 0.00	44.39 2.16 0.00	51.20 2.66 0.00	46.79 2.60 0.00	39.19 2.30 0.00	42.02 2.49 0.00	46.49 2.60 -1.98	61.95 3.10 0.00	67.34 3.10 0.00	124.12 6.59 -0.95	67.48 3.55 0.00	53.30 2.92 0.00	45.99 2.43 -0.34	40.91 2.04 -4.11	44.06 2.09 -6.48	46.29 1.95 -9.08
NYS_BARGE____HYD 23848	40.91 -1.20 0.00	38.71 -1.17 0.00	42.45 -0.41 0.00	40.74 0.03 0.00	43.43 0.30 0.00	48.88 -0.04 0.00	87.42 -1.64 0.00	89.14 -2.23 0.00	51.90 -1.45 0.00	41.25 -0.98 0.00	47.98 -0.55 0.00	43.14 -1.04 0.00	35.57 -1.32 0.00	37.99 -1.55 0.00	40.17 -1.74 0.00	56.88 -1.96 0.00	62.05 -2.19 0.00	112.38 -4.21 0.00	61.43 -2.50 0.00	47.85 -2.53 0.00	40.30 -2.96 -0.05	32.71 -2.66 -0.61	34.00 -2.44 -0.97	34.95 -1.67 -1.36
OAK ORCHARD____HYD 24046	41.55 -0.57 0.00	39.29 -0.60 0.00	42.72 -0.14 0.00	40.82 0.11 0.00	43.44 0.31 0.00	49.28 0.36 0.00	89.15 0.08 0.00	91.27 -0.10 0.00	53.09 -0.27 0.00	42.01 -0.22 0.00	48.59 0.06 0.00	43.80 -0.39 0.00	36.30 -0.60 0.00	38.85 -0.68 0.00	41.23 -0.68 0.00	58.38 -0.47 0.00	63.80 -0.44 0.00	115.65 -0.94 0.00	63.26 -0.66 0.00	49.50 -0.88 0.00	41.99 -1.26 -0.04	34.05 -1.19 -0.49	35.14 -1.11 -0.77	35.65 -0.69 -1.08

OAKDALE___35_KV_LOAD 356122	41.63 -0.49 0.00	39.45 -0.44 0.00	42.46 -0.40 0.00	40.51 -0.21 0.00	43.02 -0.11 0.00	48.78 -0.14 0.00	88.69 -0.38 0.00	91.03 -0.35 0.00	52.85 -0.50 0.00	41.38 -0.85 0.00	48.03 -0.50 0.00	43.33 -0.86 0.00	36.01 -0.88 0.00	39.10 -0.43 0.00	41.75 -0.15 0.00	58.83 -0.02 0.00	64.16 -0.08 0.00	116.12 -0.46 0.00	63.77 -0.15 0.00	50.16 -0.22 0.00	42.87 -0.46 -0.11	35.61 -0.51 -1.36	37.14 -0.49 -2.15	37.84 -0.43 -3.01
OCC_CHEM___DRP 24175	40.50 -1.62 0.00	38.30 -1.59 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.13 -2.94 0.00	87.37 -4.00 0.00	50.71 -2.65 0.00	40.40 -1.83 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.65 -2.25 0.00	55.99 -2.86 0.00	60.80 -3.45 0.00	109.67 -6.92 0.00	59.95 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.17 -3.22 -0.63	33.47 -3.00 -0.99	34.54 -2.11 -1.39
OH_GEN_PROXY 24063	40.57 -1.55 0.00	38.37 -1.51 0.00	42.04 -0.82 0.00	40.33 -0.38 0.00	42.49 -0.17 0.47	49.06 -0.41 -0.55	86.86 -2.21 0.00	88.43 -2.94 0.00	51.41 -1.95 0.00	40.91 -1.32 0.00	47.74 -0.79 0.00	42.92 -1.26 0.00	35.42 -1.47 0.00	37.87 -1.67 0.00	40.05 -1.86 0.00	56.59 -2.26 0.00	61.57 -2.68 0.00	111.25 -5.34 0.00	60.83 -3.09 0.00	43.62 -2.97 3.80	39.99 -3.27 -0.05	32.53 -2.84 -0.62	33.84 -2.62 -0.98	34.82 -1.82 -1.37
OLIN_CORP_DRP 24177	40.45 -1.66 0.00	38.28 -1.61 0.00	42.01 -0.85 0.00	40.31 -0.40 0.00	42.95 -0.18 0.00	48.24 -0.68 0.00	86.19 -2.88 0.00	87.76 -3.61 0.00	51.12 -2.24 0.00	40.71 -1.52 0.00	47.41 -1.12 0.00	42.61 -1.58 0.00	35.13 -1.76 0.00	37.52 -2.02 0.00	39.65 -2.25 0.00	56.02 -2.83 0.00	61.04 -3.21 0.00	110.51 -6.08 0.00	60.44 -3.49 0.00	47.08 -3.30 0.00	39.66 -3.60 -0.05	32.24 -3.15 -0.64	33.55 -2.93 -1.01	34.54 -2.13 -1.41
OLIN_CORP_DSASP 323712	40.50 -1.62 0.00	38.30 -1.59 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.13 -2.94 0.00	87.37 -4.00 0.00	50.71 -2.65 0.00	40.40 -1.83 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.65 -2.25 0.00	55.99 -2.86 0.00	60.80 -3.45 0.00	109.67 -6.92 0.00	59.95 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.17 -3.22 -0.63	33.47 -3.00 -0.99	34.54 -2.11 -1.39
ONEIDA_HERK_LFGE 323681	42.52 0.40 0.00	40.32 0.43 0.00	43.34 0.48 0.00	41.10 0.39 0.00	43.81 0.68 0.00	49.90 0.98 0.00	91.13 2.06 0.00	94.15 2.78 0.00	55.77 2.41 0.00	43.91 1.67 0.00	50.49 1.95 0.00	45.14 0.96 0.00	37.57 0.68 0.00	40.16 0.62 0.00	42.48 0.57 0.00	59.99 1.14 0.00	66.22 1.97 0.00	120.09 3.50 0.00	65.56 1.63 0.00	51.57 1.19 0.00	44.12 0.90 -0.01	35.44 0.56 -0.13	36.19 0.50 -0.21	35.89 0.34 -0.29
ONEIDA___115KV_TB4 55905	42.77 0.65 0.00	40.56 0.68 0.00	43.70 0.83 0.00	41.55 0.84 0.00	44.17 1.04 0.00	50.29 1.37 0.00	91.86 2.79 0.00	94.44 3.06 0.00	54.59 1.23 0.00	43.03 0.80 0.00	49.69 1.15 0.00	45.29 1.10 0.00	37.67 0.78 0.00	40.41 0.88 0.00	42.85 0.94 0.00	60.48 1.63 0.00	66.49 2.24 0.00	120.33 3.75 0.00	65.93 2.01 0.00	51.84 1.46 0.00	44.31 1.08 -0.02	35.75 0.75 -0.25	36.57 0.70 -0.39	36.43 0.61 -0.55
ONONDAGA_REF_OCCRA 23987	41.45 -0.67 0.00	39.24 -0.64 0.00	42.24 -0.62 0.00	40.23 -0.49 0.00	42.67 -0.46 0.00	48.43 -0.49 0.00	88.20 -0.87 0.00	90.55 -0.82 0.00	52.75 -0.61 0.00	41.58 -0.66 0.00	47.94 -0.60 0.00	43.44 -0.74 0.00	36.13 -0.76 0.00	38.84 -0.69 0.00	41.29 -0.62 0.00	58.24 -0.61 0.00	63.73 -0.51 0.00	115.70 -0.89 0.00	63.47 -0.46 0.00	49.91 -0.47 0.00	42.68 -0.57 -0.04	34.72 -0.51 -0.48	35.68 -0.56 -0.76	35.80 -0.52 -1.06
ONONDAGA___COGEN 23986	41.44 -0.68 0.00	39.22 -0.66 0.00	42.20 -0.67 0.00	40.18 -0.54 0.00	42.65 -0.48 0.00	48.41 -0.51 0.00	88.19 -0.87 0.00	90.52 -0.85 0.00	52.72 -0.64 0.00	41.59 -0.64 0.00	47.94 -0.60 0.00	43.44 -0.74 0.00	36.15 -0.74 0.00	38.83 -0.71 0.00	41.27 -0.64 0.00	58.19 -0.66 0.00	63.68 -0.57 0.00	115.62 -0.97 0.00	63.38 -0.55 0.00	49.85 -0.54 0.00	42.64 -0.60 -0.04	34.67 -0.52 -0.43	35.60 -0.57 -0.69	35.66 -0.55 -0.96
ONTARIO___LFGE 23819	41.66 -0.46 0.00	39.39 -0.50 0.00	42.60 -0.26 0.00	40.63 -0.08 0.00	43.21 0.09 0.00	49.11 0.19 0.00	89.28 0.21 0.00	91.58 0.21 0.00	53.27 -0.09 0.00	42.05 -0.19 0.00	48.58 0.05 0.00	43.85 -0.34 0.00	36.29 -0.60 0.00	38.86 -0.67 0.00	41.32 -0.59 0.00	58.68 -0.16 0.00	64.28 0.04 0.00	116.71 0.13 0.00	63.90 -0.03 0.00	50.08 -0.30 0.00	42.65 -0.60 -0.04	34.52 -0.70 -0.46	35.45 -0.75 -0.72	35.72 -0.55 -1.02
ORANGEVILLE_WT_PWR 323706	39.92 -2.20 0.00	37.95 -1.93 0.00	41.53 -1.33 0.00	40.01 -0.71 0.00	42.90 -0.23 0.00	48.77 -0.14 0.00	87.98 -1.08 0.00	89.81 -1.57 0.00	52.20 -1.16 0.00	41.27 -0.96 0.00	48.12 -0.41 0.00	43.33 -0.86 0.00	35.78 -1.11 0.00	38.39 -1.15 0.00	40.70 -1.20 0.00	57.86 -0.98 0.00	63.25 -1.00 0.00	114.19 -2.40 0.00	62.28 -1.65 0.00	48.29 -2.09 0.00	40.48 -2.79 -0.07	32.79 -2.76 -0.79	34.09 -2.63 -1.24	34.86 -2.14 -1.74
ORANGEVILLE___ESR 323794	39.92 -2.20 0.00	37.95 -1.93 0.00	41.53 -1.33 0.00	40.01 -0.71 0.00	42.90 -0.23 0.00	48.77 -0.14 0.00	87.98 -1.08 0.00	89.81 -1.57 0.00	52.20 -1.16 0.00	41.27 -0.96 0.00	48.12 -0.41 0.00	43.33 -0.86 0.00	35.78 -1.11 0.00	38.39 -1.15 0.00	40.70 -1.20 0.00	57.86 -0.98 0.00	63.25 -1.00 0.00	114.19 -2.40 0.00	62.28 -1.65 0.00	48.29 -2.09 0.00	40.48 -2.79 -0.07	32.79 -2.76 -0.79	34.09 -2.63 -1.24	34.86 -2.14 -1.74
OSWEGATCHIE___HYD 24044	42.60 0.48 0.00	40.39 0.50 0.00	42.98 0.12 0.00	40.44 -0.28 0.00	43.17 0.04 0.00	49.07 0.15 0.00	89.44 0.38 0.00	92.78 1.41 0.00	54.49 1.13 0.00	42.72 0.49 0.00	49.57 1.04 0.00	44.53 0.34 0.00	36.81 -0.08 0.00	39.08 -0.45 0.00	40.99 -0.91 0.00	57.96 -0.88 0.00	64.40 0.15 0.00	116.39 -0.20 0.00	63.04 -0.88 0.00	49.84 -0.54 0.00	43.26 0.04 -0.01	34.71 -0.16 -0.12	35.36 -0.31 -0.19	34.95 -0.58 -0.27
OSWEGO___5 23606	40.81 -1.31 0.00	38.64 -1.25 0.00	41.59 -1.27 0.00	39.58 -1.14 0.00	41.97 -1.16 0.00	47.62 -1.30 0.00	86.65 -2.42 0.00	88.90 -2.48 0.00	51.86 -1.50 0.00	40.97 -1.27 0.00	47.18 -1.35 0.00	42.81 -1.37 0.00	35.69 -1.20 0.00	38.29 -1.25 0.00	40.64 -1.27 0.00	57.20 -1.65 0.00	62.52 -1.72 0.00	113.45 -3.14 0.00	62.20 -1.73 0.00	48.94 -1.44 0.00	41.89 -1.34 -0.03	33.99 -1.09 -0.32	34.86 -1.12 -0.50	34.89 -1.08 -0.70
OSWEGO___6 23613	40.81 -1.31 0.00	38.64 -1.25 0.00	41.59 -1.27 0.00	39.58 -1.14 0.00	41.97 -1.16 0.00	47.62 -1.30 0.00	86.65 -2.42 0.00	88.90 -2.48 0.00	51.86 -1.50 0.00	40.97 -1.27 0.00	47.18 -1.35 0.00	42.81 -1.37 0.00	35.69 -1.20 0.00	38.29 -1.25 0.00	40.64 -1.27 0.00	57.20 -1.65 0.00	62.52 -1.72 0.00	113.45 -3.14 0.00	62.20 -1.73 0.00	48.94 -1.44 0.00	41.89 -1.34 -0.03	33.99 -1.09 -0.32	34.86 -1.12 -0.50	34.89 -1.08 -0.70

OUTOKUMPU-AB___DRP 24206	41.10 -1.02 0.00	38.89 -1.00 0.00	42.63 -0.23 0.00	40.93 0.21 0.00	43.64 0.51 0.00	49.25 0.33 0.00	88.07 -0.99 0.00	89.74 -1.63 0.00	52.15 -1.21 0.00	41.44 -0.80 0.00	48.42 -0.11 0.00	43.51 -0.67 0.00	35.89 -1.00 0.00	38.36 -1.18 0.00	40.58 -1.33 0.00	57.43 -1.42 0.00	62.47 -1.77 0.00	113.01 -3.58 0.00	61.76 -2.17 0.00	48.11 -2.27 0.00	40.51 -2.76 -0.05	32.94 -2.46 -0.65	34.25 -2.25 -1.02	35.21 -1.47 -1.43
OXBOW___BTM 323836	40.75 -1.37 0.00	38.54 -1.34 0.00	42.27 -0.59 0.00	40.56 -0.15 0.00	43.23 0.10 0.00	48.76 -0.16 0.00	87.00 -2.07 0.00	88.43 -2.94 0.00	51.38 -1.98 0.00	40.87 -1.36 0.00	47.85 -0.68 0.00	43.01 -1.18 0.00	35.48 -1.41 0.00	37.91 -1.62 0.00	40.09 -1.82 0.00	56.67 -2.18 0.00	61.59 -2.66 0.00	111.26 -5.32 0.00	60.82 -3.11 0.00	47.38 -3.00 0.00	39.90 -3.36 -0.05	32.52 -2.88 -0.64	33.83 -2.66 -1.01	34.84 -1.82 -1.41
OXBOW___ 24026	40.75 -1.37 0.00	38.54 -1.35 0.00	42.27 -0.59 0.00	40.56 -0.15 0.00	43.23 0.10 0.00	48.76 -0.16 0.00	87.00 -2.07 0.00	88.44 -2.93 0.00	51.38 -1.98 0.00	40.87 -1.36 0.00	47.85 -0.69 0.00	43.01 -1.18 0.00	35.48 -1.42 0.00	37.91 -1.62 0.00	40.08 -1.82 0.00	56.67 -2.18 0.00	61.59 -2.66 0.00	111.26 -5.32 0.00	60.82 -3.11 0.00	47.38 -3.00 0.00	39.90 -3.36 -0.05	32.52 -2.87 -0.64	33.83 -2.66 -1.01	34.84 -1.83 -1.41
OXY_CHEM_DSASP 323612	40.50 -1.62 0.00	38.30 -1.59 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.13 -2.94 0.00	87.37 -4.00 0.00	50.71 -2.65 0.00	40.40 -1.83 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.65 -2.25 0.00	55.99 -2.86 0.00	60.80 -3.45 0.00	109.67 -6.92 0.00	59.95 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.17 -3.22 -0.63	33.47 -3.00 -0.99	34.54 -2.11 -1.39
OZONE_PARK_ESR 323760	44.70 2.58 0.00	42.18 2.29 0.00	45.10 2.24 0.00	42.80 2.08 0.00	45.20 2.07 0.00	51.44 2.52 0.00	93.80 4.73 0.00	96.67 5.30 0.00	56.47 3.11 0.00	44.89 2.66 0.00	51.70 3.17 0.00	47.27 3.08 0.00	39.52 2.62 0.00	42.44 2.90 0.00	46.99 3.10 -1.99	62.73 3.88 0.00	68.34 4.09 0.00	125.58 8.03 -0.96	68.39 4.46 0.00	54.02 3.64 0.00	46.55 3.00 -0.34	41.30 2.44 -4.11	44.49 2.53 -6.48	46.68 2.34 -9.08
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.50 -1.62 0.00	38.30 -1.59 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.13 -2.94 0.00	87.37 -4.00 0.00	50.71 -2.65 0.00	40.40 -1.83 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.65 -2.25 0.00	55.99 -2.86 0.00	60.80 -3.45 0.00	109.67 -6.92 0.00	59.95 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.17 -3.22 -0.63	33.47 -3.00 -0.99	34.54 -2.11 -1.39
PACKARD___115KV_DUPONT_184 80571	40.50 -1.62 0.00	38.31 -1.58 0.00	42.03 -0.84 0.00	40.32 -0.40 0.00	42.95 -0.18 0.00	48.40 -0.52 0.00	86.12 -2.94 0.00	87.36 -4.01 0.00	50.71 -2.65 0.00	40.40 -1.84 0.00	47.37 -1.16 0.00	42.58 -1.61 0.00	35.13 -1.76 0.00	37.53 -2.01 0.00	39.66 -2.25 0.00	56.00 -2.85 0.00	60.79 -3.46 0.00	109.67 -6.92 0.00	59.96 -3.97 0.00	46.72 -3.66 0.00	39.36 -3.90 -0.05	32.15 -3.24 -0.63	33.48 -3.00 -0.99	34.54 -2.11 -1.39
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.18 2.06 0.00	41.69 1.81 0.00	44.59 1.72 0.00	42.33 1.61 0.00	44.68 1.55 0.00	50.83 1.91 0.00	92.66 3.60 0.00	95.43 4.06 0.00	55.79 2.43 0.00	44.34 2.11 0.00	51.09 2.56 0.00	46.69 2.51 0.00	39.12 2.22 0.00	41.97 2.43 0.00	46.46 2.58 -1.98	61.94 3.09 0.00	67.41 3.16 0.00	124.20 6.66 -0.95	67.55 3.62 0.00	53.34 2.96 0.00	46.05 2.49 -0.34	40.93 2.07 -4.11	44.08 2.12 -6.48	46.30 1.96 -9.08
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.99 2.87 0.00	42.48 2.59 0.00	45.47 2.61 0.00	43.19 2.47 0.00	45.62 2.49 0.00	51.95 3.03 0.00	94.76 5.69 0.00	97.54 6.17 0.00	56.98 3.62 0.00	45.24 3.01 0.00	52.16 3.63 0.00	47.63 3.44 0.00	39.90 3.01 0.00	42.80 3.26 0.00	47.38 3.49 -1.98	63.21 4.37 0.00	68.79 4.55 0.00	126.78 9.24 -0.95	68.91 4.98 0.00	54.41 4.03 0.00	46.93 3.38 -0.34	41.63 2.77 -4.11	44.80 2.84 -6.48	47.02 2.68 -9.08
PATROON___115KV_TB1 80586	43.33 1.21 0.00	41.09 1.21 0.00	44.08 1.22 0.00	41.82 1.10 0.00	44.16 1.03 0.00	50.08 1.16 0.00	91.11 2.05 0.00	93.35 1.98 0.00	54.68 1.32 0.00	43.26 1.03 0.00	49.44 0.91 0.00	45.32 1.13 0.00	37.91 1.02 0.00	40.68 1.15 0.00	43.18 1.28 0.00	60.47 1.62 0.00	65.91 1.66 0.00	119.72 3.14 0.00	65.70 1.77 0.00	51.88 1.50 0.00	44.98 1.35 -0.42	40.90 1.13 -5.01	44.51 1.12 -7.91	47.47 1.13 -11.07
PATTRSNVILLE___SOLAR 323815	43.28 1.16 0.00	40.97 1.08 0.00	44.01 1.15 0.00	41.78 1.07 0.00	44.29 1.16 0.00	50.25 1.33 0.00	91.72 2.65 0.00	94.05 2.67 0.00	54.52 1.16 0.00	42.91 0.67 0.00	49.43 0.89 0.00	44.94 0.76 0.00	37.48 0.58 0.00	40.11 0.57 0.00	42.62 0.71 0.00	60.35 1.51 0.00	66.20 1.96 0.00	120.31 3.72 0.00	65.91 1.98 0.00	51.91 1.54 0.00	45.04 1.38 -0.45	41.27 1.10 -5.41	45.10 1.08 -8.54	48.27 1.05 -11.96
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.26 -0.86 0.00	39.06 -0.83 0.00	42.71 -0.15 0.00	41.02 0.31 0.00	43.77 0.64 0.00	49.51 0.59 0.00	88.96 -0.11 0.00	90.87 -0.50 0.00	52.81 -0.55 0.00	41.92 -0.31 0.00	48.91 0.38 0.00	43.96 -0.23 0.00	36.34 -0.55 0.00	38.91 -0.62 0.00	41.17 -0.73 0.00	58.23 -0.62 0.00	63.43 -0.81 0.00	114.73 -1.86 0.00	62.66 -1.26 0.00	48.86 -1.52 0.00	41.16 -2.11 -0.06	33.37 -2.10 -0.71	34.72 -1.89 -1.12	35.57 -1.26 -1.57
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.42 2.31 0.00	41.95 2.07 0.00	44.93 2.06 0.00	42.64 1.92 0.00	45.07 1.94 0.00	51.24 2.32 0.00	93.40 4.34 0.00	96.07 4.70 0.00	56.07 2.71 0.00	44.47 2.23 0.00	51.19 2.66 0.00	46.69 2.51 0.00	39.03 2.13 0.00	41.91 2.38 0.00	45.06 2.55 -0.60	62.10 3.25 0.00	67.76 3.51 0.00	123.48 6.89 0.00	67.86 3.93 0.00	53.58 3.20 0.00	46.23 2.67 -0.35	41.07 2.16 -4.15	44.25 2.22 -6.55	46.50 2.06 -9.18
PEEKSKILL___ 23653	44.01 1.89 0.00	41.55 1.67 0.00	44.48 1.62 0.00	42.21 1.49 0.00	44.60 1.48 0.00	50.69 1.77 0.00	92.30 3.24 0.00	94.86 3.49 0.00	55.35 2.00 0.00	43.99 1.75 0.00	50.66 2.13 0.00	46.29 2.10 0.00	38.67 1.78 0.00	41.55 2.01 0.00	46.24 2.12 -2.22	61.39 2.54 0.00	66.93 2.69 0.00	121.98 5.40 0.00	66.99 3.06 0.00	52.91 2.53 0.00	45.65 2.10 -0.34	40.54 1.73 -4.06	43.73 1.83 -6.42	45.95 1.70 -8.99
PGE MADISON___WINDPWR 24146	43.44 1.32 0.00	40.93 1.04 0.00	43.71 0.85 0.00	41.96 1.25 0.00	44.56 1.43 0.00	50.87 1.96 0.00	93.56 4.50 0.00	97.14 5.77 0.00	56.58 3.22 0.00	44.43 2.20 0.00	51.34 2.81 0.00	46.39 2.20 0.00	38.39 1.50 0.00	41.07 1.53 0.00	43.79 1.89 0.00	63.09 4.24 0.00	69.79 5.55 0.00	127.24 10.66 0.00	69.81 5.88 0.00	54.64 4.26 0.00	46.29 2.97 -0.11	37.81 1.73 -1.32	38.95 1.39 -2.09	39.23 1.05 -2.92

PIERCEFIELD___HYD 23852	44.00 1.88 0.00	41.70 1.81 0.00	44.06 1.20 0.00	41.25 0.53 0.00	43.81 0.68 0.00	49.68 0.76 0.00	90.78 1.71 0.00	93.83 2.46 0.00	54.86 1.51 0.00	43.00 0.76 0.00	49.84 1.30 0.00	44.99 0.80 0.00	37.11 0.21 0.00	39.35 -0.18 0.00	41.12 -0.79 0.00	58.06 -0.79 0.00	64.31 0.07 0.00	115.60 -0.99 0.00	62.58 -1.35 0.00	49.79 -0.59 0.00	43.63 0.41 -0.01	34.89 0.06 -0.08	35.51 -0.09 -0.12	35.07 -0.36 -0.17
PINELAWN_CC_1 323563	44.95 2.84 0.00	42.23 2.35 0.00	45.15 2.29 0.00	42.65 1.93 0.00	44.86 1.73 0.00	50.56 1.64 0.00	92.09 2.59 -0.43	95.41 3.09 -0.94	55.23 1.88 0.00	44.12 1.89 0.00	51.21 2.67 0.00	46.68 2.49 0.00	39.03 2.13 0.00	42.06 2.52 0.00	46.32 2.55 -1.87	62.53 2.89 -0.79	68.48 3.14 -1.09	123.90 5.44 -1.88	124.63 3.97 -56.73	53.81 3.43 0.00	46.36 2.79 -0.36	41.39 2.42 -4.21	44.62 2.65 -6.49	46.83 2.49 -9.08
PJM_GEN_HTTP_PROXY 323702	44.27 2.16 0.00	41.79 1.90 0.00	44.70 1.84 0.00	42.41 1.70 0.00	45.55 1.66 -0.77	50.95 2.03 0.00	92.77 3.70 0.00	95.55 4.18 0.00	55.82 2.46 0.00	44.39 2.15 0.00	51.12 2.59 0.00	46.75 2.57 0.00	38.72 2.20 0.37	41.99 2.45 0.00	46.39 2.59 -1.89	62.01 3.16 0.00	67.53 3.28 0.00	122.93 6.46 0.12	67.53 3.61 0.00	49.55 2.96 3.80	45.99 2.43 -0.34	40.86 2.00 -4.11	44.07 2.11 -6.48	46.28 1.94 -9.08
PJM_GEN_KEystone 24065	42.14 0.02 0.00	40.10 -0.04 -0.25	38.94 0.06 3.97	40.96 0.24 0.00	44.24 0.34 -0.77	49.27 0.35 0.00	89.23 0.16 0.00	91.49 0.11 0.00	42.96 -0.08 10.32	42.30 0.07 0.00	49.07 0.53 0.00	44.53 0.35 0.00	36.71 0.18 0.37	34.66 0.32 5.20	29.71 0.28 12.48	52.91 0.25 6.19	27.23 0.05 37.07	107.06 -0.01 9.52	56.70 0.00 7.23	46.51 -0.07 3.80	42.17 -0.35 0.69	32.67 -0.38 1.70	36.22 -0.22 -0.96	34.35 -0.12 0.79
PJM_GEN_NEPTUNE_PROXY 323594	44.48 2.37 0.00	41.83 1.94 0.00	44.72 1.85 0.00	42.29 1.57 0.00	45.27 1.38 -0.77	50.24 1.32 0.00	91.03 1.96 0.00	93.77 2.40 0.00	54.90 1.54 0.00	43.85 1.62 0.00	50.84 2.31 0.00	46.39 2.21 0.00	38.43 1.91 0.37	41.76 2.23 0.00	45.97 2.20 -1.87	61.21 2.36 0.00	66.70 2.45 0.00	121.66 4.47 -0.60	117.37 3.25 -50.19	49.41 2.83 3.80	45.84 2.29 -0.34	40.99 2.03 -4.20	44.20 2.23 -6.49	46.41 2.07 -9.08
PJM_GEN_VFT_PROXY 323633	44.18 2.06 0.00	41.69 1.81 0.00	44.59 1.73 0.00	42.31 1.60 0.00	45.46 1.56 -0.77	50.85 1.93 0.00	92.63 3.56 0.00	95.41 4.03 0.00	55.74 2.38 0.00	44.31 2.08 0.00	51.02 2.49 0.00	46.65 2.46 0.00	38.65 2.13 0.37	41.89 2.36 0.00	46.39 2.50 -1.99	61.89 3.04 0.00	67.43 3.18 0.00	123.84 6.36 -0.89	67.48 3.55 0.00	49.50 2.91 3.79	45.96 2.41 -0.34	40.84 1.97 -4.11	44.02 2.06 -6.48	46.21 1.87 -9.08
PLATSBURG_115KV_PMLD1 355749	44.65 2.54 0.00	42.25 2.36 0.00	44.70 1.84 0.00	42.05 1.34 0.00	44.62 1.49 0.00	50.85 1.93 0.00	93.55 4.49 0.00	96.40 5.02 0.00	56.07 2.71 0.00	43.84 1.60 0.00	50.39 1.86 0.00	45.80 1.62 0.00	37.89 1.00 0.00	40.31 0.77 0.00	42.41 0.51 0.00	59.98 1.13 0.00	66.03 1.79 0.00	118.86 2.28 0.00	64.48 0.55 0.00	51.25 0.87 0.00	44.83 1.62 0.00	35.60 0.84 0.00	35.89 0.41 0.00	35.12 -0.14 0.00
PLEASANTVLY___LBMP 24000	43.77 1.65 0.00	41.36 1.47 0.00	44.30 1.44 0.00	42.03 1.32 0.00	44.42 1.29 0.00	50.44 1.52 0.00	91.85 2.78 0.00	94.36 2.99 0.00	55.12 1.76 0.00	43.76 1.53 0.00	50.35 1.82 0.00	45.97 1.79 0.00	38.44 1.54 0.00	41.28 1.74 0.00	44.50 1.84 -0.75	61.06 2.22 0.00	66.55 2.31 0.00	121.14 4.56 0.00	66.56 2.63 0.00	52.56 2.18 0.00	45.42 1.85 -0.36	40.56 1.53 -4.28	43.83 1.59 -6.76	46.23 1.51 -9.46
PLSNTVLE_13_KV_13.8KVDIST 80602	44.12 2.00 0.00	41.67 1.78 0.00	44.60 1.74 0.00	42.32 1.60 0.00	44.71 1.59 0.00	50.81 1.89 0.00	92.53 3.46 0.00	95.19 3.81 0.00	55.58 2.22 0.00	44.15 1.92 0.00	50.84 2.31 0.00	46.45 2.27 0.00	38.83 1.93 0.00	41.69 2.16 0.00	45.63 2.29 -1.43	61.63 2.78 0.00	67.16 2.92 0.00	122.33 5.75 0.00	67.19 3.26 0.00	53.08 2.70 0.00	45.81 2.25 -0.35	40.74 1.85 -4.14	43.95 1.94 -6.53	46.20 1.79 -9.15
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.12 2.00 0.00	41.67 1.78 0.00	44.60 1.74 0.00	42.32 1.60 0.00	44.71 1.59 0.00	50.81 1.89 0.00	92.53 3.46 0.00	95.19 3.81 0.00	55.58 2.22 0.00	44.15 1.92 0.00	50.84 2.31 0.00	46.45 2.27 0.00	38.83 1.93 0.00	41.69 2.16 0.00	45.63 2.29 -1.43	61.63 2.78 0.00	67.16 2.92 0.00	122.33 5.75 0.00	67.19 3.26 0.00	53.08 2.70 0.00	45.81 2.25 -0.35	40.74 1.85 -4.14	43.95 1.94 -6.53	46.20 1.79 -9.15
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.14 2.02 0.00	41.71 1.82 0.00	44.70 1.84 0.00	42.41 1.70 0.00	44.84 1.71 0.00	50.93 2.01 0.00	92.84 3.77 0.00	95.45 4.08 0.00	55.70 2.34 0.00	44.14 1.91 0.00	50.73 2.19 0.00	46.27 2.09 0.00	38.68 1.78 0.00	41.52 1.99 0.00	44.07 2.16 0.00	61.65 2.80 0.00	67.23 2.99 0.00	122.50 5.92 0.00	67.33 3.40 0.00	53.15 2.77 0.00	45.90 2.34 -0.35	40.84 1.89 -4.20	44.04 1.94 -6.63	46.35 1.80 -9.28
POLETTI_____ 23519	43.79 1.67 0.00	41.34 1.46 0.00	44.18 1.32 0.00	41.93 1.21 0.00	44.26 1.13 0.00	50.35 1.43 0.00	91.75 2.68 0.00	94.47 3.10 0.00	55.27 1.91 0.00	43.92 1.69 0.00	50.64 2.10 0.00	46.35 2.16 0.00	38.95 2.06 0.00	41.70 2.17 0.00	46.11 2.22 -1.98	61.25 2.41 0.00	66.59 2.35 0.00	122.80 5.27 -0.95	66.77 2.84 0.00	52.73 2.35 0.00	45.49 1.94 -0.34	40.51 1.65 -4.11	43.65 1.68 -6.48	45.87 1.54 -9.08
POMONA___ESR 323819	44.01 1.89 0.00	41.55 1.67 0.00	44.48 1.61 0.00	42.23 1.51 0.00	44.62 1.50 0.00	50.71 1.79 0.00	92.39 3.32 0.00	94.86 3.49 0.00	55.30 1.94 0.00	43.93 1.70 0.00	50.60 2.07 0.00	46.25 2.07 0.00	38.65 1.76 0.00	41.48 1.95 0.00	40.69 2.04 3.25	61.24 2.40 0.00	66.78 2.53 0.00	121.75 5.16 0.00	66.84 2.91 0.00	52.79 2.41 0.00	45.57 2.03 -0.33	40.40 1.66 -3.98	43.55 1.79 -6.28	45.71 1.65 -8.80
PORT_JEFF_3 23555	44.86 2.75 0.00	42.12 2.23 0.00	45.01 2.15 0.00	42.47 1.76 0.00	44.64 1.51 0.00	50.04 1.12 0.00	91.99 1.21 -1.71	96.57 1.45 -3.75	54.29 0.94 0.00	43.58 1.35 0.00	50.76 2.22 0.00	46.30 2.11 0.00	38.74 1.84 0.00	41.72 2.18 0.00	46.02 2.25 -1.87	64.15 2.17 -3.14	70.76 2.17 -4.35	126.20 3.27 -6.34	126.29 3.10 -59.27	53.32 2.94 0.00	46.08 2.44 -0.43	41.14 2.18 -4.21	44.40 2.43 -6.49	46.67 2.33 -9.08
PORT_JEFF_4 23616	44.86 2.75 0.00	42.12 2.23 0.00	45.01 2.15 0.00	42.47 1.76 0.00	44.64 1.51 0.00	50.04 1.12 0.00	91.99 1.21 -1.71	96.57 1.45 -3.75	54.29 0.94 0.00	43.58 1.35 0.00	50.76 2.22 0.00	46.30 2.11 0.00	38.74 1.84 0.00	41.72 2.18 0.00	46.02 2.25 -1.87	64.15 2.17 -3.14	70.76 2.17 -4.35	126.20 3.27 -6.34	126.29 3.10 -59.27	53.32 2.94 0.00	46.08 2.44 -0.43	41.14 2.18 -4.21	44.40 2.43 -6.49	46.67 2.33 -9.08

PORT_JEFF_IC 23713	44.92 2.80 0.00	42.17 2.28 0.00	45.07 2.21 0.00	42.51 1.79 0.00	44.68 1.55 0.00	50.11 1.19 0.00	91.87 1.43 -1.38	96.03 1.63 -3.03	54.39 1.04 0.00	43.64 1.41 0.00	50.80 2.27 0.00	46.32 2.14 0.00	38.77 1.88 0.00	41.73 2.20 0.00	46.09 2.31 -1.87	63.64 2.26 -2.53	69.94 2.19 -3.51	124.92 3.17 -5.16	125.01 3.25 -57.83	53.45 3.07 0.00	46.13 2.51 -0.41	41.17 2.21 -4.21	44.45 2.48 -6.49	46.71 2.37 -9.08
PPL PILGRIM_ST_GT1 24216	45.20 3.08 0.00	42.47 2.58 0.00	45.39 2.53 0.00	42.86 2.15 0.00	45.07 1.94 0.00	50.73 1.81 0.00	93.77 2.94 -1.76	98.76 3.52 -3.86	55.34 1.98 0.00	44.23 2.00 0.00	51.39 2.85 0.00	46.87 2.68 0.00	39.19 2.30 0.00	42.23 2.70 0.00	46.50 2.73 -1.87	65.28 3.20 -3.23	71.95 3.22 -4.48	127.93 4.70 -6.65	128.45 3.93 -60.59	53.98 3.60 0.00	46.65 3.03 -0.42	41.53 2.57 -4.21	44.82 2.85 -6.49	47.05 2.70 -9.08
PPL PILGRIM_ST_GT2 24217	45.20 3.08 0.00	42.47 2.58 0.00	45.39 2.53 0.00	42.86 2.15 0.00	45.07 1.94 0.00	50.73 1.81 0.00	93.77 2.94 -1.76	98.76 3.52 -3.86	55.34 1.98 0.00	44.23 2.00 0.00	51.39 2.85 0.00	46.87 2.68 0.00	39.19 2.30 0.00	42.23 2.70 0.00	46.50 2.73 -1.87	65.28 3.20 -3.23	71.95 3.22 -4.48	127.93 4.70 -6.65	128.45 3.93 -60.59	53.98 3.60 0.00	46.65 3.03 -0.42	41.53 2.57 -4.21	44.82 2.85 -6.49	47.05 2.70 -9.08
PPL_SHRM_GT3 24213	44.96 2.84 0.00	42.21 2.32 0.00	45.11 2.25 0.00	42.52 1.80 0.00	44.68 1.55 0.00	50.19 1.27 0.00	92.57 1.71 -1.79	97.15 1.86 -3.92	54.46 1.11 0.00	43.57 1.34 0.00	50.61 2.07 0.00	46.17 1.99 0.00	38.67 1.77 0.00	41.51 1.97 0.00	45.60 1.82 -1.87	63.96 1.83 -3.28	71.82 3.03 -4.55	128.37 5.15 -6.63	127.59 3.93 -59.73	53.62 3.24 0.00	46.09 2.46 -0.43	41.16 2.20 -4.21	44.44 2.46 -6.49	46.69 2.35 -9.08
PPL_SHRM_GT4 24214	44.96 2.84 0.00	42.21 2.32 0.00	45.11 2.25 0.00	42.52 1.80 0.00	44.68 1.55 0.00	50.19 1.27 0.00	92.57 1.71 -1.79	97.15 1.86 -3.92	54.46 1.11 0.00	43.57 1.34 0.00	50.61 2.07 0.00	46.17 1.99 0.00	38.67 1.77 0.00	41.51 1.97 0.00	45.60 1.82 -1.87	63.96 1.83 -3.28	71.82 3.03 -4.55	128.37 5.15 -6.63	127.59 3.93 -59.73	53.62 3.24 0.00	46.09 2.46 -0.43	41.16 2.20 -4.21	44.44 2.46 -6.49	46.69 2.35 -9.08
PROJECT___ORANGE 1 24174	41.23 -0.89 0.00	39.02 -0.86 0.00	42.04 -0.82 0.00	40.02 -0.69 0.00	42.45 -0.68 0.00	48.16 -0.76 0.00	87.64 -1.43 0.00	89.95 -1.42 0.00	52.44 -0.92 0.00	41.38 -0.86 0.00	47.71 -0.83 0.00	43.26 -0.92 0.00	36.01 -0.88 0.00	38.68 -0.85 0.00	41.10 -0.81 0.00	57.92 -0.93 0.00	63.33 -0.92 0.00	114.89 -1.70 0.00	63.02 -0.90 0.00	49.56 -0.82 0.00	42.36 -0.88 -0.03	34.41 -0.74 -0.39	35.32 -0.78 -0.62	35.40 -0.72 -0.87
PROJECT___ORANGE 2 24166	41.23 -0.89 0.00	39.02 -0.86 0.00	42.04 -0.82 0.00	40.02 -0.69 0.00	42.45 -0.68 0.00	48.16 -0.76 0.00	87.64 -1.43 0.00	89.95 -1.42 0.00	52.44 -0.92 0.00	41.38 -0.86 0.00	47.71 -0.83 0.00	43.26 -0.92 0.00	36.01 -0.88 0.00	38.68 -0.85 0.00	41.10 -0.81 0.00	57.92 -0.93 0.00	63.33 -0.92 0.00	114.89 -1.70 0.00	63.02 -0.90 0.00	49.56 -0.82 0.00	42.36 -0.88 -0.03	34.41 -0.74 -0.39	35.32 -0.78 -0.62	35.40 -0.72 -0.87
PUCKETT___SOLAR 323809	42.06 -0.06 0.00	39.76 -0.13 0.00	42.68 -0.18 0.00	40.75 0.04 0.00	43.29 0.16 0.00	49.20 0.28 0.00	89.72 0.65 0.00	92.40 1.02 0.00	53.74 0.38 0.00	42.11 -0.12 0.00	48.75 0.22 0.00	43.83 -0.36 0.00	36.42 -0.47 0.00	39.28 -0.25 0.00	41.97 0.06 0.00	59.75 0.91 0.00	65.59 1.35 0.00	118.97 2.38 0.00	65.33 1.41 0.00	51.33 0.95 0.00	43.76 0.43 -0.12	36.20 0.04 -1.41	37.62 -0.07 -2.21	38.27 -0.09 -3.10
PYRITES___HYD 24023	44.84 2.72 0.00	42.49 2.60 0.00	44.86 1.99 0.00	42.01 1.29 0.00	44.61 1.48 0.00	50.66 1.74 0.00	92.80 3.73 0.00	95.92 4.54 0.00	55.86 2.50 0.00	43.73 1.50 0.00	50.53 2.00 0.00	45.60 1.42 0.00	37.61 0.72 0.00	39.80 0.26 0.00	41.54 -0.37 0.00	58.79 -0.06 0.00	65.55 1.31 0.00	118.18 1.59 0.00	63.98 0.05 0.00	50.94 0.56 0.00	44.64 1.42 -0.01	35.61 0.78 -0.07	36.17 0.57 -0.12	35.66 0.23 -0.16
QUAKERRD_115KV_BK1 80622	40.54 -1.58 0.00	38.34 -1.54 0.00	41.60 -1.26 0.00	39.71 -1.01 0.00	42.23 -0.90 0.00	47.94 -0.98 0.00	86.85 -2.22 0.00	88.89 -2.48 0.00	51.73 -1.63 0.00	40.94 -1.29 0.00	47.37 -1.16 0.00	42.83 -1.35 0.00	35.52 -1.37 0.00	38.04 -1.49 0.00	40.37 -1.54 0.00	57.14 -1.71 0.00	62.41 -1.84 0.00	113.14 -3.44 0.00	61.92 -2.01 0.00	48.49 -1.89 0.00	41.22 -2.03 -0.04	33.44 -1.77 -0.46	34.45 -1.75 -0.72	34.86 -1.41 -1.01
QUENSBRY_115KV_TB8 356137	45.35 3.23 0.00	42.87 2.98 0.00	46.00 3.14 0.00	43.66 2.94 0.00	46.32 3.19 0.00	52.82 3.90 0.00	96.86 7.80 0.00	98.82 7.45 0.00	57.63 4.27 0.00	45.12 2.88 0.00	51.45 2.92 0.00	47.34 3.16 0.00	39.39 2.50 0.00	41.87 2.33 0.00	45.01 3.10 0.00	63.31 4.46 0.00	69.39 5.14 0.00	125.13 8.55 0.00	68.10 4.17 0.00	53.13 2.75 0.00	47.08 3.44 -0.43	42.75 2.80 -5.19	46.51 2.84 -8.19	49.69 2.96 -11.48
RAMAPO___LBMP 323565	43.83 1.71 0.00	41.39 1.50 0.00	44.30 1.44 0.00	42.06 1.35 0.00	44.46 1.33 0.00	50.53 1.61 0.00	92.04 2.97 0.00	94.51 3.14 0.00	55.12 1.76 0.00	43.77 1.54 0.00	50.41 1.87 0.00	46.06 1.87 0.00	38.47 1.58 0.00	41.30 1.76 0.00	40.74 1.83 3.00	60.98 2.13 0.00	66.52 2.27 0.00	121.31 4.73 0.00	66.59 2.66 0.00	52.60 2.22 0.00	45.40 1.87 -0.33	40.24 1.53 -3.95	43.35 1.64 -6.24	45.49 1.50 -8.74
RANKINE____ 23646	41.10 -1.02 0.00	38.91 -0.98 0.00	42.61 -0.25 0.00	40.97 0.25 0.00	43.72 0.60 0.00	49.48 0.56 0.00	88.84 -0.23 0.00	90.66 -0.71 0.00	52.69 -0.66 0.00	41.83 -0.41 0.00	48.80 0.27 0.00	43.86 -0.33 0.00	36.21 -0.69 0.00	38.75 -0.78 0.00	41.00 -0.91 0.00	57.99 -0.86 0.00	63.20 -1.04 0.00	114.31 -2.28 0.00	62.44 -1.49 0.00	48.61 -1.77 0.00	40.92 -2.35 -0.06	33.20 -2.25 -0.69	34.53 -2.04 -1.10	35.43 -1.36 -1.53
RAVENSWOOD_GT2_1 24244	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.87 3.80 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.67 0.00	46.80 2.62 0.00	39.15 2.25 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.17 6.64 -0.95	67.63 3.70 0.00	53.44 3.06 0.00	46.07 2.51 -0.34	40.93 2.06 -4.11	44.11 2.15 -6.48	46.32 1.98 -9.08
RAVENSWOOD_GT2_2 24245	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.87 3.80 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.67 0.00	46.80 2.62 0.00	39.15 2.25 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.17 6.64 -0.95	67.63 3.70 0.00	53.44 3.06 0.00	46.07 2.51 -0.34	40.93 2.06 -4.11	44.11 2.15 -6.48	46.32 1.98 -9.08

RAVENSWOOD_GT2_3 24246	44.32 2.21 0.00	41.83 1.94 0.00	44.75 1.88 0.00	42.46 1.74 0.00	44.84 1.71 0.00	51.00 2.09 0.00	92.91 3.84 0.00	95.67 4.30 0.00	55.92 2.56 0.00	44.46 2.23 0.00	51.21 2.68 0.00	46.83 2.65 0.00	39.17 2.28 0.00	42.06 2.52 0.00	46.57 2.68 -1.98	62.11 3.27 0.00	67.65 3.41 0.00	124.25 6.71 -0.95	67.66 3.74 0.00	53.45 3.07 0.00	46.08 2.53 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
RAVENSWOOD_GT2_4 24247	44.32 2.21 0.00	41.83 1.94 0.00	44.75 1.88 0.00	42.46 1.74 0.00	44.84 1.71 0.00	51.00 2.09 0.00	92.91 3.84 0.00	95.67 4.30 0.00	55.92 2.56 0.00	44.46 2.23 0.00	51.21 2.68 0.00	46.83 2.65 0.00	39.17 2.28 0.00	42.06 2.52 0.00	46.57 2.68 -1.98	62.11 3.27 0.00	67.65 3.41 0.00	124.25 6.71 -0.95	67.66 3.74 0.00	53.45 3.07 0.00	46.08 2.53 -0.34	40.94 2.08 -4.11	44.14 2.18 -6.48	46.33 1.99 -9.08
RAVENSWOOD_GT3_1 24248	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.87 3.80 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.67 0.00	46.80 2.62 0.00	39.15 2.25 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.17 6.64 -0.95	67.63 3.70 0.00	53.44 3.06 0.00	46.07 2.51 -0.34	40.93 2.06 -4.11	44.11 2.15 -6.48	46.32 1.98 -9.08
RAVENSWOOD_GT3_2 24249	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.87 3.80 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.67 0.00	46.80 2.62 0.00	39.15 2.25 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.17 6.64 -0.95	67.63 3.70 0.00	53.44 3.06 0.00	46.07 2.51 -0.34	40.93 2.06 -4.11	44.11 2.15 -6.48	46.32 1.98 -9.08
RAVENSWOOD_GT3_3 24250	44.36 2.25 0.00	41.86 1.98 0.00	44.79 1.93 0.00	42.50 1.78 0.00	44.88 1.75 0.00	51.05 2.13 0.00	93.00 3.94 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.50 2.27 0.00	51.27 2.74 0.00	46.88 2.70 0.00	39.21 2.32 0.00	42.11 2.58 0.00	46.62 2.73 -1.98	62.19 3.34 0.00	67.73 3.48 0.00	124.40 6.86 -0.95	67.75 3.82 0.00	53.52 3.14 0.00	46.14 2.59 -0.34	40.98 2.12 -4.11	44.17 2.21 -6.48	46.37 2.03 -9.08
RAVENSWOOD_GT3_4 24251	44.36 2.25 0.00	41.86 1.98 0.00	44.79 1.93 0.00	42.50 1.78 0.00	44.88 1.75 0.00	51.05 2.13 0.00	93.00 3.94 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.50 2.27 0.00	51.27 2.74 0.00	46.88 2.70 0.00	39.21 2.32 0.00	42.11 2.58 0.00	46.62 2.73 -1.98	62.19 3.34 0.00	67.73 3.48 0.00	124.40 6.86 -0.95	67.75 3.82 0.00	53.52 3.14 0.00	46.14 2.59 -0.34	40.98 2.12 -4.11	44.17 2.21 -6.48	46.37 2.03 -9.08
RAVENSWOOD_GT_1 23729	44.38 2.26 0.00	41.89 2.00 0.00	44.80 1.94 0.00	42.52 1.80 0.00	44.90 1.78 0.00	51.07 2.15 0.00	92.98 3.92 0.00	95.76 4.39 0.00	55.99 2.64 0.00	44.53 2.29 0.00	51.33 2.80 0.00	46.95 2.76 0.00	39.29 2.39 0.00	42.17 2.64 0.00	46.68 2.79 -1.98	62.25 3.41 0.00	67.72 3.47 0.00	124.51 6.97 -0.95	67.74 3.81 0.00	53.54 3.16 0.00	46.16 2.61 -0.34	41.02 2.16 -4.11	44.22 2.26 -6.48	46.41 2.07 -9.08
RAVENSWOOD_GT_10 24258	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.88 3.81 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.67 0.00	46.80 2.62 0.00	39.15 2.25 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.17 6.64 -0.95	67.63 3.70 0.00	53.44 3.06 0.00	46.07 2.51 -0.34	40.93 2.06 -4.11	44.11 2.15 -6.48	46.32 1.98 -9.08
RAVENSWOOD_GT_11 24259	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.88 3.81 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.67 0.00	46.80 2.62 0.00	39.15 2.25 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.17 6.64 -0.95	67.63 3.70 0.00	53.44 3.06 0.00	46.07 2.51 -0.34	40.93 2.06 -4.11	44.11 2.15 -6.48	46.32 1.98 -9.08
RAVENSWOOD_GT_4 24252	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.82 1.69 0.00	50.98 2.06 0.00	92.86 3.79 0.00	95.65 4.28 0.00	55.91 2.55 0.00	44.44 2.21 0.00	51.20 2.66 0.00	46.81 2.63 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.55 2.66 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.24 6.71 -0.95	67.64 3.71 0.00	53.44 3.06 0.00	46.07 2.52 -0.34	40.93 2.07 -4.11	44.13 2.17 -6.48	46.33 1.99 -9.08
RAVENSWOOD_GT_5 24254	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.82 1.69 0.00	50.98 2.06 0.00	92.86 3.79 0.00	95.65 4.28 0.00	55.91 2.55 0.00	44.44 2.21 0.00	51.20 2.66 0.00	46.81 2.63 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.55 2.66 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.24 6.71 -0.95	67.64 3.71 0.00	53.44 3.06 0.00	46.07 2.52 -0.34	40.93 2.07 -4.11	44.13 2.17 -6.48	46.33 1.99 -9.08
RAVENSWOOD_GT_6 24253	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.82 1.69 0.00	50.98 2.06 0.00	92.86 3.79 0.00	95.65 4.28 0.00	55.91 2.55 0.00	44.44 2.21 0.00	51.20 2.66 0.00	46.81 2.63 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.55 2.66 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.24 6.71 -0.95	67.64 3.71 0.00	53.44 3.06 0.00	46.07 2.52 -0.34	40.93 2.07 -4.11	44.13 2.17 -6.48	46.33 1.99 -9.08
RAVENSWOOD_GT_7 24255	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.82 1.69 0.00	50.98 2.06 0.00	92.86 3.79 0.00	95.65 4.28 0.00	55.91 2.55 0.00	44.44 2.21 0.00	51.20 2.66 0.00	46.81 2.63 0.00	39.17 2.28 0.00	42.05 2.52 0.00	46.55 2.66 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.24 6.71 -0.95	67.64 3.71 0.00	53.44 3.06 0.00	46.07 2.52 -0.34	40.93 2.07 -4.11	44.13 2.17 -6.48	46.33 1.99 -9.08
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.88 3.81 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.67 0.00	46.80 2.62 0.00	39.15 2.25 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.17 6.64 -0.95	67.63 3.70 0.00	53.44 3.06 0.00	46.07 2.51 -0.34	40.93 2.06 -4.11	44.11 2.15 -6.48	46.32 1.98 -9.08
RAVENSWOOD_GT_9 24257	44.30 2.18 0.00	41.82 1.93 0.00	44.72 1.86 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.88 3.81 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.67 0.00	46.80 2.62 0.00	39.15 2.25 0.00	42.04 2.51 0.00	46.53 2.64 -1.98	62.09 3.24 0.00	67.61 3.37 0.00	124.17 6.64 -0.95	67.63 3.70 0.00	53.44 3.06 0.00	46.07 2.51 -0.34	40.93 2.06 -4.11	44.11 2.15 -6.48	46.32 1.98 -9.08

RAVENSWOOD___1 23533	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.44 1.72 0.00	44.83 1.70 0.00	50.98 2.06 0.00	92.87 3.81 0.00	95.66 4.28 0.00	55.93 2.58 0.00	44.46 2.23 0.00	51.23 2.70 0.00	46.86 2.68 0.00	39.21 2.32 0.00	42.09 2.56 0.00	46.59 2.70 -1.98	62.14 3.29 0.00	67.61 3.36 0.00	124.34 6.80 -0.95	67.65 3.72 0.00	53.46 3.08 0.00	46.09 2.54 -0.34	40.96 2.09 -4.11	44.15 2.19 -6.48	46.35 2.01 -9.08
RAVENSWOOD___2 23534	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.44 1.72 0.00	44.83 1.70 0.00	50.98 2.06 0.00	92.87 3.81 0.00	95.66 4.28 0.00	55.93 2.58 0.00	44.46 2.23 0.00	51.23 2.70 0.00	46.86 2.68 0.00	39.21 2.32 0.00	42.09 2.56 0.00	46.59 2.70 -1.98	62.14 3.29 0.00	67.61 3.36 0.00	124.34 6.80 -0.95	67.65 3.72 0.00	53.46 3.08 0.00	46.09 2.54 -0.34	40.96 2.09 -4.11	44.15 2.19 -6.48	46.35 2.01 -9.08
RAVENSWOOD___3 23535	44.30 2.19 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.44 1.72 0.00	44.83 1.70 0.00	51.00 2.08 0.00	92.88 3.81 0.00	95.65 4.28 0.00	55.89 2.53 0.00	44.43 2.20 0.00	51.20 2.66 0.00	46.81 2.62 0.00	39.15 2.25 0.00	42.05 2.51 0.00	46.54 2.65 -1.98	62.08 3.24 0.00	67.61 3.36 0.00	124.20 6.66 -0.95	67.64 3.71 0.00	53.45 3.06 0.00	46.07 2.52 -0.34	40.93 2.06 -4.11	44.12 2.15 -6.48	46.32 1.98 -9.08
RAVENSWOOD___4 23820	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.44 1.72 0.00	44.83 1.70 0.00	50.98 2.06 0.00	92.87 3.81 0.00	95.66 4.28 0.00	55.93 2.58 0.00	44.46 2.23 0.00	51.23 2.70 0.00	46.86 2.68 0.00	39.21 2.32 0.00	42.09 2.56 0.00	46.59 2.70 -1.98	62.14 3.29 0.00	67.61 3.36 0.00	124.34 6.80 -0.95	67.65 3.72 0.00	53.46 3.08 0.00	46.09 2.54 -0.34	40.96 2.09 -4.11	44.15 2.19 -6.48	46.35 2.01 -9.08
RCPL_TRUST___DRP 24196	44.31 2.20 0.00	41.82 1.94 0.00	44.74 1.88 0.00	42.45 1.73 0.00	44.82 1.69 0.00	50.99 2.07 0.00	92.85 3.79 0.00	95.64 4.27 0.00	55.88 2.53 0.00	44.44 2.21 0.00	51.19 2.66 0.00	46.81 2.63 0.00	39.15 2.25 0.00	42.04 2.50 0.00	46.44 2.65 -1.89	62.09 3.24 0.00	67.62 3.38 0.00	123.18 6.64 0.05	67.61 3.68 0.00	53.39 3.01 0.00	46.04 2.48 -0.34	40.90 2.04 -4.11	44.11 2.15 -6.48	46.31 1.97 -9.08
RED___ROCHESTER 323720	41.79 -0.32 0.00	39.49 -0.39 0.00	42.93 0.08 0.00	41.02 0.30 0.00	43.66 0.53 0.00	49.54 0.62 0.00	89.73 0.66 0.00	91.91 0.54 0.00	53.45 0.09 0.00	42.30 0.07 0.00	48.94 0.41 0.00	44.11 -0.08 0.00	36.55 -0.34 0.00	39.15 -0.39 0.00	41.55 -0.36 0.00	58.84 -0.01 0.00	64.30 0.06 0.00	116.61 0.03 0.00	63.83 -0.10 0.00	49.92 -0.46 0.00	42.34 -0.91 -0.04	34.32 -0.92 -0.48	35.39 -0.85 -0.77	35.88 -0.45 -1.07
REGAN___SOLAR 323812	43.49 1.38 0.00	41.14 1.25 0.00	44.19 1.33 0.00	41.98 1.27 0.00	44.59 1.46 0.00	50.65 1.73 0.00	92.61 3.55 0.00	95.10 3.73 0.00	54.86 1.50 0.00	42.79 0.56 0.00	49.51 0.97 0.00	44.53 0.34 0.00	37.02 0.13 0.00	39.48 -0.05 0.00	42.39 0.48 0.00	60.63 1.78 0.00	66.94 2.70 0.00	121.99 5.41 0.00	66.85 2.92 0.00	52.67 2.29 0.00	45.49 1.81 -0.47	41.81 1.40 -5.65	45.73 1.32 -8.92	48.98 1.23 -12.50
RENSSELAER___COGEN 23796	43.11 0.99 0.00	40.86 0.97 0.00	43.84 0.98 0.00	41.59 0.87 0.00	43.93 0.80 0.00	49.79 0.87 0.00	90.57 1.50 0.00	92.78 1.40 0.00	54.33 0.97 0.00	43.00 0.76 0.00	49.12 0.59 0.00	45.00 0.81 0.00	37.66 0.76 0.00	40.41 0.87 0.00	42.86 0.95 0.00	60.00 1.16 0.00	65.42 1.17 0.00	118.84 2.25 0.00	65.22 1.29 0.00	51.48 1.10 0.00	44.67 1.05 -0.42	40.64 0.90 -4.99	44.25 0.90 -7.88	47.21 0.92 -11.03
REPUBLIC_115KV_BARTNBK 55605	47.28 5.16 0.00	44.57 4.68 0.00	47.80 4.94 0.00	45.40 4.68 0.00	48.23 5.10 0.00	55.50 6.58 0.00	102.26 13.20 0.00	103.54 12.17 0.00	60.67 7.31 0.00	47.13 4.90 0.00	53.20 4.67 0.00	49.46 5.28 0.00	41.36 4.47 0.00	43.97 4.43 0.00	47.36 5.46 0.00	66.18 7.33 0.00	73.62 9.38 0.00	133.33 16.74 0.00	73.03 9.10 0.00	56.85 6.47 0.00	49.47 5.83 -0.43	44.47 4.53 -5.19	48.21 4.54 -8.19	51.63 4.90 -11.47
REVERE_CPPR_DRP 24186	43.08 0.96 0.00	40.85 0.97 0.00	43.99 1.13 0.00	41.79 1.07 0.00	44.49 1.36 0.00	50.70 1.78 0.00	92.66 3.60 0.00	95.66 4.29 0.00	57.67 4.31 0.00	45.37 3.14 0.00	51.89 3.35 0.00	45.72 1.53 0.00	38.04 1.15 0.00	40.76 1.23 0.00	43.19 1.28 0.00	61.07 2.22 0.00	67.25 3.00 0.00	121.82 5.24 0.00	66.66 2.73 0.00	52.44 2.06 0.00	44.79 1.56 -0.02	36.06 1.10 -0.21	36.85 1.03 -0.34	36.63 0.90 -0.47
REYNLDPA_13_KV_LD 356490	44.23 2.11 0.00	41.90 2.01 0.00	44.25 1.39 0.00	41.54 0.82 0.00	44.12 0.99 0.00	50.35 1.43 0.00	92.27 3.20 0.00	95.09 3.72 0.00	54.80 1.44 0.00	43.34 1.11 0.00	49.93 1.39 0.00	45.18 0.99 0.00	37.28 0.39 0.00	39.63 0.09 0.00	41.73 -0.18 0.00	59.14 0.29 0.00	65.09 0.84 0.00	117.24 0.66 0.00	63.52 -0.41 0.00	50.60 0.22 0.00	44.37 1.16 0.00	35.31 0.55 0.00	35.77 0.30 0.00	35.10 -0.16 0.00
REYNOLDS_115KV_TB3 80639	43.31 1.19 0.00	41.06 1.17 0.00	44.05 1.19 0.00	41.74 1.02 0.00	44.10 0.97 0.00	50.03 1.11 0.00	91.02 1.95 0.00	93.16 1.79 0.00	54.58 1.23 0.00	43.18 0.95 0.00	49.30 0.77 0.00	45.18 0.99 0.00	37.81 0.92 0.00	40.60 1.07 0.00	43.05 1.15 0.00	60.30 1.45 0.00	65.72 1.48 0.00	119.34 2.75 0.00	65.49 1.57 0.00	51.67 1.29 0.00	44.85 1.22 -0.42	40.81 1.05 -5.00	44.43 1.06 -7.89	47.44 1.13 -11.05
RIVERBAY____ 323610	44.99 2.87 0.00	42.48 2.59 0.00	45.47 2.61 0.00	43.19 2.47 0.00	45.62 2.49 0.00	51.95 3.03 0.00	94.76 5.69 0.00	97.54 6.17 0.00	56.98 3.62 0.00	45.24 3.01 0.00	52.16 3.63 0.00	47.63 3.44 0.00	39.90 3.01 0.00	42.80 3.26 0.00	47.38 3.49 -1.98	63.21 4.37 0.00	68.79 4.55 0.00	126.78 9.24 -0.95	68.91 4.98 0.00	54.41 4.03 0.00	46.93 3.38 -0.34	41.63 2.77 -4.11	44.80 2.84 -6.48	47.02 2.68 -9.08
RIVERSDE_115KV_TB3 55908	43.24 1.12 0.00	41.00 1.11 0.00	43.98 1.12 0.00	41.70 0.99 0.00	44.06 0.93 0.00	49.95 1.03 0.00	90.89 1.83 0.00	93.07 1.70 0.00	54.53 1.17 0.00	43.14 0.90 0.00	49.28 0.75 0.00	45.15 0.96 0.00	37.80 0.90 0.00	40.56 1.03 0.00	43.02 1.11 0.00	60.24 1.40 0.00	65.67 1.42 0.00	119.30 2.72 0.00	65.43 1.51 0.00	51.65 1.27 0.00	44.82 1.19 -0.42	40.78 1.02 -5.01	44.40 1.02 -7.91	47.39 1.06 -11.07
ROARING___BROOK_WT_PWR 323790	42.25 0.13 0.00	40.03 0.15 0.00	42.80 -0.06 0.00	40.49 -0.23 0.00	43.07 -0.06 0.00	49.00 0.08 0.00	89.53 0.47 0.00	92.18 0.81 0.00	53.81 0.45 0.00	42.49 0.26 0.00	48.88 0.35 0.00	44.36 0.18 0.00	36.90 0.00 0.00	39.39 -0.15 0.00	41.63 -0.28 0.00	58.63 -0.22 0.00	64.20 -0.04 0.00	115.91 -0.68 0.00	62.81 -1.12 0.00	49.58 -0.80 0.00	42.71 -0.50 0.00	34.11 -0.65 0.00	34.83 -0.65 0.00	34.38 -0.88 0.00

ROCHESRG_115KV_T4 355643	41.35 -0.77 0.00	39.09 -0.79 0.00	42.51 -0.35 0.00	40.62 -0.09 0.00	43.22 0.09 0.00	49.01 0.09 0.00	88.60 -0.46 0.00	90.67 -0.70 0.00	52.75 -0.60 0.00	41.77 -0.46 0.00	48.35 -0.18 0.00	43.60 -0.59 0.00	36.14 -0.75 0.00	38.69 -0.85 0.00	41.03 -0.87 0.00	58.05 -0.80 0.00	63.40 -0.85 0.00	114.91 -1.68 0.00	62.88 -1.05 0.00	49.20 -1.18 0.00	41.74 -1.51 -0.04	33.87 -1.37 -0.48	34.94 -1.29 -0.76	35.45 -0.87 -1.06
ROCHESTER_9_IC 23652	41.64 -0.48 0.00	39.37 -0.52 0.00	42.80 -0.06 0.00	40.89 0.18 0.00	43.52 0.39 0.00	49.38 0.46 0.00	89.36 0.30 0.00	91.49 0.12 0.00	53.22 -0.14 0.00	42.12 -0.12 0.00	48.72 0.19 0.00	43.92 -0.27 0.00	36.40 -0.49 0.00	38.97 -0.56 0.00	41.36 -0.55 0.00	58.56 -0.29 0.00	63.99 -0.26 0.00	116.00 -0.59 0.00	63.46 -0.47 0.00	49.65 -0.72 0.00	42.12 -1.13 -0.04	34.15 -1.09 -0.49	35.22 -1.02 -0.77	35.72 -0.61 -1.07
ROCKVIEW_13_KV_LD 356306	44.36 2.25 0.00	41.88 1.99 0.00	44.81 1.95 0.00	42.51 1.79 0.00	44.91 1.78 0.00	51.05 2.13 0.00	92.98 3.91 0.00	95.64 4.27 0.00	55.85 2.50 0.00	44.38 2.15 0.00	51.14 2.61 0.00	46.73 2.55 0.00	39.06 2.17 0.00	41.95 2.41 0.00	46.34 2.55 -1.88	61.97 3.12 0.00	67.53 3.28 0.00	123.05 6.47 0.00	67.57 3.64 0.00	53.38 3.00 0.00	46.04 2.49 -0.34	40.90 2.04 -4.11	44.11 2.15 -6.48	46.31 1.97 -9.08
ROME____115KV_TB2 80656	43.08 0.96 0.00	40.85 0.97 0.00	43.99 1.13 0.00	41.79 1.07 0.00	44.49 1.36 0.00	50.70 1.78 0.00	92.66 3.60 0.00	95.66 4.29 0.00	57.67 4.31 0.00	45.37 3.14 0.00	51.89 3.35 0.00	45.72 1.53 0.00	38.04 1.15 0.00	40.76 1.23 0.00	43.19 1.28 0.00	61.07 2.22 0.00	67.25 3.00 0.00	121.82 5.24 0.00	66.66 2.73 0.00	52.44 2.06 0.00	44.79 1.56 -0.02	36.06 1.10 -0.21	36.85 1.03 -0.34	36.63 0.90 -0.47
ROSETON___1 23587	43.76 1.65 0.00	41.35 1.46 0.00	44.30 1.44 0.00	42.04 1.32 0.00	44.43 1.30 0.00	50.46 1.54 0.00	91.88 2.81 0.00	94.40 3.03 0.00	55.13 1.78 0.00	43.77 1.54 0.00	50.35 1.82 0.00	45.98 1.79 0.00	38.44 1.54 0.00	41.26 1.72 0.00	43.73 1.83 0.00	61.04 2.20 0.00	66.53 2.28 0.00	121.13 4.55 0.00	66.52 2.60 0.00	52.54 2.16 0.00	45.38 1.83 -0.34	40.36 1.50 -4.11	43.54 1.59 -6.48	45.81 1.48 -9.08
ROSETON___2 23588	43.76 1.65 0.00	41.35 1.46 0.00	44.30 1.44 0.00	42.04 1.32 0.00	44.43 1.30 0.00	50.46 1.54 0.00	91.88 2.81 0.00	94.40 3.03 0.00	55.13 1.78 0.00	43.77 1.54 0.00	50.35 1.82 0.00	45.98 1.79 0.00	38.44 1.54 0.00	41.26 1.72 0.00	43.73 1.83 0.00	61.04 2.20 0.00	66.53 2.28 0.00	121.13 4.55 0.00	66.52 2.60 0.00	52.54 2.16 0.00	45.38 1.83 -0.34	40.36 1.50 -4.11	43.54 1.59 -6.48	45.81 1.48 -9.08
ROTRTDAM_115KV_TB3 80664	43.39 1.27 0.00	41.09 1.20 0.00	44.14 1.28 0.00	41.90 1.18 0.00	44.34 1.21 0.00	50.29 1.37 0.00	91.71 2.65 0.00	93.96 2.59 0.00	54.82 1.46 0.00	43.31 1.08 0.00	49.66 1.13 0.00	45.32 1.13 0.00	37.88 0.99 0.00	40.56 1.03 0.00	43.07 1.16 0.00	60.52 1.68 0.00	66.12 1.87 0.00	119.96 3.37 0.00	65.74 1.81 0.00	51.78 1.40 0.00	45.02 1.38 -0.44	41.13 1.13 -5.25	44.91 1.14 -8.29	48.02 1.14 -11.61
RUSSELL___1 23602	41.79 -0.32 0.00	39.49 -0.40 0.00	42.93 0.07 0.00	41.02 0.31 0.00	43.66 0.53 0.00	49.54 0.62 0.00	89.73 0.66 0.00	91.92 0.54 0.00	53.45 0.09 0.00	42.30 0.07 0.00	48.94 0.41 0.00	44.11 -0.08 0.00	36.55 -0.34 0.00	39.15 -0.39 0.00	41.54 -0.36 0.00	58.84 -0.01 0.00	64.30 0.06 0.00	116.61 0.03 0.00	63.83 -0.10 0.00	49.92 -0.46 0.00	42.34 -0.91 -0.04	34.32 -0.93 -0.48	35.38 -0.86 -0.77	35.86 -0.47 -1.07
RUSSELL___2 23532	41.79 -0.32 0.00	39.49 -0.40 0.00	42.93 0.07 0.00	41.02 0.31 0.00	43.66 0.53 0.00	49.54 0.62 0.00	89.73 0.66 0.00	91.92 0.54 0.00	53.45 0.09 0.00	42.30 0.07 0.00	48.94 0.41 0.00	44.11 -0.08 0.00	36.55 -0.34 0.00	39.15 -0.39 0.00	41.54 -0.36 0.00	58.84 -0.01 0.00	64.30 0.06 0.00	116.61 0.03 0.00	63.83 -0.10 0.00	49.92 -0.46 0.00	42.34 -0.91 -0.04	34.32 -0.93 -0.48	35.38 -0.86 -0.77	35.86 -0.47 -1.07
RUSSELL___3 23549	41.79 -0.32 0.00	39.49 -0.40 0.00	42.93 0.07 0.00	41.02 0.31 0.00	43.66 0.53 0.00	49.54 0.62 0.00	89.73 0.66 0.00	91.92 0.54 0.00	53.45 0.09 0.00	42.30 0.07 0.00	48.94 0.41 0.00	44.11 -0.08 0.00	36.55 -0.34 0.00	39.15 -0.39 0.00	41.54 -0.36 0.00	58.84 -0.01 0.00	64.30 0.06 0.00	116.61 0.03 0.00	63.83 -0.10 0.00	49.92 -0.46 0.00	42.34 -0.91 -0.04	34.32 -0.93 -0.48	35.38 -0.86 -0.77	35.86 -0.47 -1.07
RUSSELL___4 23556	41.79 -0.32 0.00	39.49 -0.40 0.00	42.93 0.07 0.00	41.02 0.31 0.00	43.66 0.53 0.00	49.54 0.62 0.00	89.73 0.66 0.00	91.92 0.54 0.00	53.45 0.09 0.00	42.30 0.07 0.00	48.94 0.41 0.00	44.11 -0.08 0.00	36.55 -0.34 0.00	39.15 -0.39 0.00	41.54 -0.36 0.00	58.84 -0.01 0.00	64.30 0.06 0.00	116.61 0.03 0.00	63.83 -0.10 0.00	49.92 -0.46 0.00	42.34 -0.91 -0.04	34.32 -0.93 -0.48	35.38 -0.86 -0.77	35.86 -0.47 -1.07
RUSSELL___STATION 23914	41.79 -0.32 0.00	39.49 -0.40 0.00	42.93 0.07 0.00	41.02 0.31 0.00	43.66 0.53 0.00	49.54 0.62 0.00	89.73 0.66 0.00	91.92 0.54 0.00	53.45 0.09 0.00	42.30 0.07 0.00	48.94 0.41 0.00	44.11 -0.08 0.00	36.55 -0.34 0.00	39.15 -0.39 0.00	41.54 -0.36 0.00	58.84 -0.01 0.00	64.30 0.06 0.00	116.61 0.03 0.00	63.83 -0.10 0.00	49.92 -0.46 0.00	42.34 -0.91 -0.04	34.32 -0.93 -0.48	35.38 -0.86 -0.77	35.86 -0.47 -1.07
S SALMON___HYD 24043	40.94 -1.18 0.00	38.77 -1.11 0.00	41.72 -1.14 0.00	39.67 -1.05 0.00	42.20 -0.93 0.00	48.02 -0.90 0.00	87.34 -1.73 0.00	90.15 -1.23 0.00	52.75 -0.61 0.00	41.57 -0.67 0.00	47.94 -0.60 0.00	43.25 -0.94 0.00	35.95 -0.94 0.00	38.46 -1.08 0.00	40.75 -1.16 0.00	57.62 -1.23 0.00	63.54 -0.71 0.00	115.45 -1.13 0.00	63.06 -0.86 0.00	49.57 -0.81 0.00	42.32 -0.91 -0.03	34.27 -0.79 -0.31	35.11 -0.86 -0.48	35.02 -0.91 -0.68
S.PERRY__115KV_TB1 80734	42.03 -0.09 0.00	39.82 -0.07 0.00	43.40 0.54 0.00	41.60 0.89 0.00	44.42 1.29 0.00	50.70 1.78 0.00	92.36 3.29 0.00	94.96 3.59 0.00	55.03 1.67 0.00	42.71 0.48 0.00	49.41 0.88 0.00	44.54 0.36 0.00	36.87 -0.02 0.00	39.51 -0.02 0.00	42.10 0.19 0.00	59.96 1.11 0.00	66.44 2.20 0.00	120.81 4.23 0.00	66.01 2.08 0.00	51.33 0.95 0.00	43.26 -0.01 -0.06	35.03 -0.47 -0.75	36.16 -0.50 -1.18	36.76 -0.15 -1.65
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.92 -1.20 0.00	38.71 -1.18 0.00	42.42 -0.45 0.00	40.74 0.02 0.00	43.44 0.31 0.00	49.08 0.16 0.00	87.98 -1.09 0.00	89.67 -1.70 0.00	52.13 -1.23 0.00	41.43 -0.80 0.00	48.35 -0.18 0.00	43.45 -0.73 0.00	35.86 -1.03 0.00	38.36 -1.17 0.00	40.57 -1.33 0.00	57.39 -1.46 0.00	62.49 -1.76 0.00	112.90 -3.68 0.00	61.71 -2.22 0.00	48.05 -2.33 0.00	40.48 -2.79 -0.06	32.89 -2.52 -0.66	34.21 -2.31 -1.04	35.16 -1.56 -1.46

SAWYER___23_KV_LOAD 55526	40.92 -1.20 0.00	38.71 -1.18 0.00	42.42 -0.45 0.00	40.74 0.02 0.00	43.44 0.31 0.00	49.08 0.16 0.00	87.98 -1.09 0.00	89.67 -1.70 0.00	52.13 -1.23 0.00	41.43 -0.80 0.00	48.35 -0.18 0.00	43.45 -0.73 0.00	35.86 -1.03 0.00	38.36 -1.17 0.00	40.57 -1.33 0.00	57.39 -1.46 0.00	62.49 -1.76 0.00	112.90 -3.68 0.00	61.71 -2.22 0.00	48.05 -2.33 0.00	40.48 -2.79 -0.06	32.89 -2.52 -0.66	34.21 -2.31 -1.04	35.16 -1.56 -1.46
SELKIRK___I 23801	43.28 1.16 0.00	41.07 1.19 0.00	44.11 1.25 0.00	41.87 1.16 0.00	44.27 1.14 0.00	50.17 1.25 0.00	91.27 2.20 0.00	93.37 2.00 0.00	54.46 1.10 0.00	43.02 0.78 0.00	49.24 0.71 0.00	45.08 0.89 0.00	37.73 0.84 0.00	40.43 0.89 0.00	42.90 1.00 0.00	60.27 1.42 0.00	65.81 1.56 0.00	119.42 2.84 0.00	65.55 1.62 0.00	51.73 1.35 0.00	44.85 1.23 -0.41	40.68 1.00 -4.92	44.26 1.01 -7.77	47.20 1.06 -10.88
SELKIRK___II 23799	43.10 0.98 0.00	40.86 0.98 0.00	43.86 1.00 0.00	41.62 0.91 0.00	43.98 0.85 0.00	49.84 0.92 0.00	90.69 1.62 0.00	92.90 1.53 0.00	54.34 0.99 0.00	43.01 0.77 0.00	49.22 0.69 0.00	45.03 0.84 0.00	37.68 0.79 0.00	40.42 0.88 0.00	42.85 0.94 0.00	60.02 1.18 0.00	65.45 1.20 0.00	118.86 2.27 0.00	65.25 1.32 0.00	51.50 1.12 0.00	44.67 1.04 -0.41	40.60 0.87 -4.97	44.21 0.89 -7.84	47.15 0.90 -10.99
SENECA OSWGO___HYD 24041	40.61 -1.51 0.00	38.43 -1.46 0.00	41.38 -1.48 0.00	39.37 -1.34 0.00	41.75 -1.38 0.00	47.40 -1.52 0.00	86.28 -2.79 0.00	88.60 -2.77 0.00	51.72 -1.63 0.00	40.87 -1.36 0.00	47.05 -1.48 0.00	42.64 -1.54 0.00	35.49 -1.40 0.00	38.12 -1.41 0.00	40.48 -1.42 0.00	57.00 -1.85 0.00	62.36 -1.88 0.00	113.20 -3.38 0.00	62.10 -1.83 0.00	48.85 -1.53 0.00	41.79 -1.45 -0.03	33.93 -1.17 -0.34	34.79 -1.23 -0.54	34.81 -1.20 -0.75
SENECA___115KV_TB3 355854	41.16 -0.96 0.00	38.97 -0.91 0.00	42.68 -0.18 0.00	41.03 0.32 0.00	43.79 0.66 0.00	49.57 0.65 0.00	89.01 -0.06 0.00	90.81 -0.56 0.00	52.78 -0.57 0.00	41.91 -0.33 0.00	48.89 0.36 0.00	43.94 -0.25 0.00	36.27 -0.63 0.00	38.83 -0.71 0.00	41.06 -0.85 0.00	58.11 -0.74 0.00	63.33 -0.92 0.00	114.53 -2.05 0.00	62.55 -1.38 0.00	48.70 -1.68 0.00	40.99 -2.28 -0.06	33.24 -2.21 -0.69	34.59 -1.98 -1.10	35.50 -1.30 -1.53
SENECA___ENERGY 23797	41.48 -0.64 0.00	39.24 -0.65 0.00	42.32 -0.54 0.00	40.37 -0.35 0.00	42.92 -0.21 0.00	48.81 -0.10 0.00	88.78 -0.28 0.00	90.99 -0.38 0.00	52.96 -0.40 0.00	41.87 -0.36 0.00	48.36 -0.17 0.00	43.72 -0.47 0.00	36.21 -0.69 0.00	38.81 -0.72 0.00	41.25 -0.66 0.00	58.38 -0.47 0.00	63.94 -0.31 0.00	116.13 -0.45 0.00	63.58 -0.35 0.00	49.87 -0.51 0.00	42.50 -0.75 -0.04	34.36 -0.88 -0.49	35.26 -0.99 -0.78	35.46 -0.89 -1.08
SHOEMAKER___GT 23640	43.69 1.58 0.00	41.31 1.42 0.00	44.27 1.41 0.00	42.03 1.32 0.00	44.45 1.32 0.00	50.49 1.57 0.00	92.00 2.94 0.00	94.50 3.13 0.00	55.10 1.75 0.00	43.68 1.45 0.00	50.16 1.63 0.00	45.77 1.58 0.00	38.25 1.35 0.00	41.02 1.49 0.00	41.55 1.57 1.93	60.92 2.07 0.00	66.55 2.30 0.00	121.23 4.64 0.00	66.56 2.63 0.00	52.54 2.16 0.00	45.34 1.82 -0.31	39.98 1.47 -3.76	42.94 1.53 -5.93	44.99 1.42 -8.31
SHOEMAKR_138KV_BK 111 55601	43.68 1.57 0.00	41.28 1.40 0.00	44.24 1.38 0.00	42.01 1.29 0.00	44.42 1.29 0.00	50.47 1.54 0.00	91.93 2.87 0.00	94.45 3.08 0.00	55.09 1.73 0.00	43.68 1.45 0.00	50.19 1.66 0.00	45.80 1.61 0.00	38.27 1.37 0.00	41.05 1.52 0.00	41.66 1.60 1.85	60.89 2.05 0.00	66.50 2.25 0.00	121.11 4.53 0.00	66.50 2.57 0.00	52.49 2.11 0.00	45.30 1.78 -0.31	39.92 1.44 -3.73	42.88 1.51 -5.89	44.91 1.40 -8.25
SHOREHAM_IC_1 23715	44.96 2.84 0.00	42.21 2.32 0.00	45.11 2.25 0.00	42.52 1.80 0.00	44.68 1.55 0.00	50.19 1.27 0.00	92.57 1.71 -1.79	97.15 1.86 -3.92	54.46 1.11 0.00	43.57 1.34 0.00	50.61 2.07 0.00	46.17 1.99 0.00	38.67 1.77 0.00	41.51 1.97 0.00	45.60 1.82 -1.87	63.96 1.83 -3.28	71.82 3.03 -4.55	128.37 5.15 -6.63	127.59 3.93 -59.73	53.62 3.24 0.00	46.09 2.46 -0.43	41.16 2.20 -4.21	44.44 2.46 -6.49	46.69 2.35 -9.08
SHOREHAM_IC_2 23716	44.96 2.85 0.00	42.21 2.33 0.00	45.11 2.25 0.00	42.52 1.80 0.00	44.68 1.55 0.00	50.19 1.27 0.00	92.57 1.72 -1.79	97.15 1.86 -3.92	54.46 1.11 0.00	43.57 1.34 0.00	50.61 2.07 0.00	46.18 1.99 0.00	38.67 1.77 0.00	41.51 1.97 0.00	45.60 1.83 -1.87	63.95 1.83 -3.28	71.82 3.02 -4.55	128.37 5.15 -6.63	127.58 3.92 -59.73	53.62 3.24 0.00	46.09 2.46 -0.43	41.16 2.20 -4.21	44.44 2.47 -6.49	46.69 2.35 -9.08
SISSONVILLE____ 23735	44.00 1.88 0.00	41.70 1.81 0.00	44.06 1.20 0.00	41.25 0.53 0.00	43.81 0.68 0.00	49.68 0.76 0.00	90.78 1.71 0.00	93.83 2.46 0.00	54.86 1.51 0.00	43.00 0.76 0.00	49.84 1.30 0.00	44.99 0.80 0.00	37.11 0.21 0.00	39.35 -0.18 0.00	41.12 -0.79 0.00	58.06 -0.79 0.00	64.31 0.07 0.00	115.60 -0.99 0.00	62.58 -1.35 0.00	49.79 -0.59 0.00	43.63 0.41 -0.01	34.89 0.06 -0.08	35.51 -0.09 -0.12	35.07 -0.36 -0.17
SITHE_IND_GS1 24169	40.47 -1.64 0.00	38.32 -1.56 0.00	41.25 -1.61 0.00	39.25 -1.47 0.00	41.61 -1.52 0.00	47.21 -1.71 0.00	85.86 -3.21 0.00	88.11 -3.27 0.00	51.40 -1.95 0.00	40.62 -1.61 0.00	46.77 -1.76 0.00	42.47 -1.72 0.00	35.42 -1.48 0.00	37.98 -1.55 0.00	40.29 -1.62 0.00	56.70 -2.15 0.00	61.96 -2.28 0.00	112.40 -4.19 0.00	61.63 -2.29 0.00	48.51 -1.86 0.00	41.53 -1.70 -0.02	33.69 -1.34 -0.27	34.53 -1.38 -0.43	34.53 -1.33 -0.61
SITHE_IND_GS2 24170	40.47 -1.64 0.00	38.32 -1.56 0.00	41.25 -1.61 0.00	39.25 -1.47 0.00	41.61 -1.52 0.00	47.21 -1.71 0.00	85.86 -3.21 0.00	88.11 -3.27 0.00	51.40 -1.95 0.00	40.62 -1.61 0.00	46.77 -1.76 0.00	42.47 -1.72 0.00	35.42 -1.48 0.00	37.98 -1.55 0.00	40.29 -1.62 0.00	56.70 -2.15 0.00	61.96 -2.28 0.00	112.40 -4.19 0.00	61.63 -2.29 0.00	48.51 -1.86 0.00	41.53 -1.70 -0.02	33.69 -1.34 -0.27	34.53 -1.38 -0.43	34.53 -1.33 -0.61
SITHE_IND_GS3 24171	40.47 -1.64 0.00	38.32 -1.56 0.00	41.25 -1.61 0.00	39.25 -1.47 0.00	41.61 -1.52 0.00	47.21 -1.71 0.00	85.86 -3.21 0.00	88.11 -3.27 0.00	51.40 -1.95 0.00	40.62 -1.61 0.00	46.77 -1.76 0.00	42.47 -1.72 0.00	35.42 -1.48 0.00	37.98 -1.55 0.00	40.29 -1.62 0.00	56.70 -2.15 0.00	61.96 -2.28 0.00	112.40 -4.19 0.00	61.63 -2.29 0.00	48.51 -1.86 0.00	41.53 -1.70 -0.02	33.69 -1.34 -0.27	34.53 -1.38 -0.43	34.53 -1.33 -0.61
SITHE_IND_GS4 24172	40.47 -1.64 0.00	38.32 -1.56 0.00	41.25 -1.61 0.00	39.25 -1.47 0.00	41.61 -1.52 0.00	47.21 -1.71 0.00	85.86 -3.21 0.00	88.11 -3.27 0.00	51.40 -1.95 0.00	40.62 -1.61 0.00	46.77 -1.76 0.00	42.47 -1.72 0.00	35.42 -1.48 0.00	37.98 -1.55 0.00	40.29 -1.62 0.00	56.70 -2.15 0.00	61.96 -2.28 0.00	112.40 -4.19 0.00	61.63 -2.29 0.00	48.51 -1.86 0.00	41.53 -1.70 -0.02	33.69 -1.34 -0.27	34.53 -1.38 -0.43	34.53 -1.33 -0.61

SITHE___BATAVIA 24024	42.04 -0.07 0.00	39.75 -0.13 0.00	43.45 0.59 0.00	41.66 0.94 0.00	44.44 1.31 0.00	50.25 1.33 0.00	91.52 2.45 0.00	93.63 2.26 0.00	54.02 0.66 0.00	42.56 0.33 0.00	48.99 0.46 0.00	44.17 -0.02 0.00	36.33 -0.56 0.00	38.84 -0.69 0.00	41.18 -0.72 0.00	58.81 -0.04 0.00	64.62 0.37 0.00	116.81 0.22 0.00	64.01 0.09 0.00	49.93 -0.45 0.00	42.10 -1.15 -0.05	34.09 -1.24 -0.57	35.28 -1.10 -0.90	36.03 -0.50 -1.26
SITHE___INDEPEND 23800	40.48 -1.64 0.00	38.32 -1.56 0.00	41.25 -1.61 0.00	39.25 -1.47 0.00	41.61 -1.52 0.00	47.21 -1.71 0.00	85.85 -3.21 0.00	88.10 -3.27 0.00	51.40 -1.96 0.00	40.62 -1.61 0.00	46.77 -1.76 0.00	42.47 -1.72 0.00	35.42 -1.48 0.00	37.98 -1.55 0.00	40.28 -1.63 0.00	56.70 -2.15 0.00	61.96 -2.29 0.00	112.39 -4.19 0.00	61.63 -2.30 0.00	48.51 -1.87 0.00	41.53 -1.70 -0.02	33.69 -1.34 -0.27	34.53 -1.38 -0.43	34.53 -1.33 -0.61
SITHE___MASSENA 23902	44.33 2.21 0.00	42.00 2.11 0.00	44.34 1.48 0.00	41.60 0.88 0.00	44.20 1.07 0.00	50.39 1.47 0.00	92.31 3.24 0.00	95.16 3.79 0.00	55.38 2.02 0.00	43.45 1.22 0.00	50.05 1.52 0.00	45.27 1.09 0.00	37.36 0.47 0.00	39.69 0.16 0.00	41.74 -0.16 0.00	59.13 0.28 0.00	65.17 0.92 0.00	117.36 0.77 0.00	63.59 -0.34 0.00	50.65 0.27 0.00	44.40 1.19 0.00	35.34 0.59 0.00	35.83 0.35 0.00	35.17 -0.09 0.00
SITHE___OGDNSBRG 24021	44.93 2.81 0.00	42.56 2.68 0.00	44.92 2.06 0.00	42.09 1.37 0.00	44.71 1.58 0.00	50.88 1.96 0.00	93.26 4.20 0.00	96.34 4.97 0.00	56.01 2.65 0.00	43.86 1.63 0.00	50.59 2.05 0.00	45.67 1.48 0.00	37.66 0.77 0.00	39.91 0.37 0.00	41.75 -0.16 0.00	59.09 0.25 0.00	65.86 1.61 0.00	118.76 2.17 0.00	64.31 0.38 0.00	51.21 0.83 0.00	44.88 1.66 -0.01	35.77 0.94 -0.07	36.30 0.71 -0.11	35.72 0.31 -0.15
SITHE___STERLING 23777	42.77 0.65 0.00	40.56 0.68 0.00	43.70 0.83 0.00	41.55 0.84 0.00	44.17 1.04 0.00	50.29 1.38 0.00	91.86 2.79 0.00	94.43 3.06 0.00	54.59 1.23 0.00	43.03 0.80 0.00	49.69 1.15 0.00	45.28 1.10 0.00	37.68 0.78 0.00	40.41 0.88 0.00	42.85 0.94 0.00	60.47 1.63 0.00	66.49 2.24 0.00	120.34 3.76 0.00	65.93 2.00 0.00	51.84 1.46 0.00	44.31 1.08 -0.02	35.75 0.75 -0.25	36.57 0.70 -0.39	36.43 0.61 -0.55
SLEIGHT__34_KV_TB1 80719	41.29 -0.82 0.00	39.04 -0.84 0.00	42.27 -0.59 0.00	40.31 -0.41 0.00	42.90 -0.23 0.00	48.70 -0.22 0.00	88.55 -0.52 0.00	90.87 -0.50 0.00	52.82 -0.54 0.00	41.73 -0.50 0.00	48.26 -0.27 0.00	43.61 -0.57 0.00	36.09 -0.80 0.00	38.66 -0.87 0.00	41.05 -0.85 0.00	58.30 -0.55 0.00	63.78 -0.47 0.00	115.71 -0.87 0.00	63.28 -0.65 0.00	49.55 -0.83 0.00	42.19 -1.06 -0.04	34.23 -1.00 -0.47	35.21 -1.01 -0.74	35.51 -0.78 -1.04
SMITHTWN_69_KV_BK 1 55830	45.03 2.91 0.00	42.28 2.39 0.00	45.16 2.30 0.00	42.61 1.90 0.00	44.79 1.66 0.00	50.29 1.37 0.00	91.46 1.85 -0.54	94.67 2.11 -1.19	54.68 1.33 0.00	43.81 1.57 0.00	50.96 2.43 0.00	46.47 2.29 0.00	38.88 1.99 0.00	41.88 2.34 0.00	46.19 2.41 -1.87	62.33 2.49 -0.99	68.25 2.63 -1.38	122.95 4.19 -2.17	121.44 3.60 -53.91	53.69 3.31 0.00	46.27 2.69 -0.37	41.31 2.35 -4.21	44.58 2.61 -6.49	46.81 2.47 -9.08
SOUTH CAIRO___GT 23612	44.63 2.51 0.00	42.31 2.43 0.00	45.41 2.54 0.00	43.12 2.40 0.00	45.63 2.50 0.00	51.81 2.89 0.00	94.73 5.67 0.00	97.23 5.86 0.00	56.41 3.06 0.00	43.93 1.70 0.00	50.02 1.48 0.00	45.84 1.65 0.00	38.21 1.32 0.00	40.93 1.39 0.00	43.57 1.67 0.00	61.77 2.92 0.00	68.36 4.12 0.00	124.24 7.66 0.00	68.39 4.46 0.00	53.90 3.52 0.00	46.64 3.03 -0.40	41.82 2.29 -4.77	45.19 2.18 -7.53	47.96 2.15 -10.55
SOUTH HAMPTN___IC 23720	44.87 2.75 0.00	42.13 2.24 0.00	45.11 2.25 0.00	42.41 1.69 0.00	44.58 1.45 0.00	50.12 1.20 0.00	92.79 1.74 -1.99	97.62 1.89 -4.36	54.40 1.05 0.00	43.52 1.29 0.00	50.70 2.17 0.00	46.41 2.22 0.00	38.96 2.07 0.00	42.01 2.48 0.00	46.59 2.82 -1.87	65.60 3.11 -3.64	73.30 4.00 -5.05	131.07 7.13 -7.35	129.47 4.90 -60.64	54.43 4.05 0.00	46.92 3.28 -0.43	41.83 2.87 -4.21	45.11 3.14 -6.49	47.33 2.99 -9.08
SOUTHDOW_115KV_TB1 355954	41.52 -0.60 0.00	39.39 -0.49 0.00	43.10 0.24 0.00	41.78 1.06 0.00	44.74 1.61 0.00	50.87 1.95 0.00	91.75 2.69 0.00	94.31 2.94 0.00	54.68 1.32 0.00	43.23 0.99 0.00	50.51 1.98 0.00	45.29 1.10 0.00	37.37 0.48 0.00	40.24 0.70 0.00	42.53 0.62 0.00	60.34 1.49 0.00	65.43 1.18 0.00	116.81 0.22 0.00	63.29 -0.64 0.00	48.96 -1.42 0.00	41.17 -2.10 -0.06	33.49 -2.03 -0.76	34.65 -2.03 -1.20	35.46 -1.48 -1.68
SOUTHOLD_69_KV_BK 2 55809	44.48 2.36 0.00	41.76 1.87 0.00	44.83 1.97 0.00	41.97 1.26 0.00	44.13 1.01 0.00	49.66 0.74 0.00	92.07 1.02 -1.98	96.88 1.16 -4.35	53.95 0.59 0.00	43.20 0.97 0.00	50.49 1.96 0.00	46.37 2.18 0.00	39.08 2.19 0.00	42.31 2.78 0.00	47.00 3.23 -1.87	66.24 3.76 -3.64	74.01 4.72 -5.05	132.54 8.61 -7.34	130.09 5.53 -60.63	54.94 4.56 0.00	47.48 3.83 -0.43	42.31 3.35 -4.21	45.58 3.61 -6.49	47.79 3.45 -9.08
SOUTHOLD___IC 23719	44.47 2.36 0.00	41.76 1.87 0.00	44.83 1.97 0.00	41.97 1.25 0.00	44.13 1.01 0.00	49.66 0.74 0.00	92.05 1.00 -1.98	96.88 1.16 -4.35	53.95 0.59 0.00	43.20 0.96 0.00	50.49 1.96 0.00	46.37 2.19 0.00	39.09 2.19 0.00	42.31 2.78 0.00	47.00 3.23 -1.87	66.25 3.76 -3.64	74.01 4.72 -5.05	132.54 8.61 -7.34	130.10 5.54 -60.63	54.94 4.56 0.00	47.47 3.84 -0.43	42.31 3.35 -4.21	45.59 3.61 -6.49	47.79 3.45 -9.08
SOUTH_FORK_WT_PWR 323839	43.85 1.73 0.00	41.18 1.30 0.00	44.30 1.43 0.00	41.32 0.60 0.00	43.45 0.32 0.00	48.87 -0.05 0.00	90.67 -0.38 -1.99	95.47 -0.26 -4.36	53.10 -0.25 0.00	42.60 0.37 0.00	49.96 1.43 0.00	46.06 1.87 0.00	38.94 2.05 0.00	42.29 2.76 0.00	47.06 3.28 -1.87	66.32 3.84 -3.64	74.06 4.77 -5.05	132.78 8.85 -7.35	130.04 5.48 -60.64	54.95 4.57 0.00	47.58 3.94 -0.43	42.44 3.48 -4.21	45.72 3.75 -6.49	47.91 3.57 -9.08
SPIERFLS_115KV_TB 1 80737	45.13 3.01 0.00	42.66 2.77 0.00	45.79 2.93 0.00	43.46 2.74 0.00	46.09 2.96 0.00	52.50 3.58 0.00	96.16 7.10 0.00	98.23 6.86 0.00	57.28 3.92 0.00	44.91 2.68 0.00	51.27 2.74 0.00	47.09 2.90 0.00	39.15 2.26 0.00	41.63 2.10 0.00	44.73 2.83 0.00	62.94 4.10 0.00	68.89 4.64 0.00	124.19 7.61 0.00	67.51 3.58 0.00	52.71 2.33 0.00	46.80 3.16 -0.43	42.56 2.61 -5.20	46.33 2.65 -8.20	49.48 2.74 -11.48
ST LAWRENCE____ 23600	43.71 1.60 0.00	41.42 1.53 0.00	43.73 0.87 0.00	41.06 0.34 0.00	43.60 0.47 0.00	49.75 0.83 0.00	91.18 2.11 0.00	93.97 2.59 0.00	54.54 1.19 0.00	42.88 0.65 0.00	49.34 0.81 0.00	44.67 0.48 0.00	36.88 -0.01 0.00	39.21 -0.32 0.00	41.29 -0.62 0.00	58.51 -0.34 0.00	64.39 0.14 0.00	115.97 -0.62 0.00	62.86 -1.07 0.00	50.08 -0.30 0.00	43.88 0.68 0.00	34.93 0.17 0.00	35.38 -0.09 0.00	34.70 -0.56 0.00

STATE_CA_115KV_115_LB 55624	43.33 1.21 0.00	41.09 1.21 0.00	44.08 1.22 0.00	41.82 1.10 0.00	44.17 1.04 0.00	50.08 1.16 0.00	91.14 2.07 0.00	93.38 2.00 0.00	54.69 1.33 0.00	43.27 1.03 0.00	49.45 0.92 0.00	45.32 1.13 0.00	37.92 1.02 0.00	40.69 1.15 0.00	43.20 1.29 0.00	60.47 1.62 0.00	65.92 1.67 0.00	119.78 3.19 0.00	65.72 1.79 0.00	51.88 1.50 0.00	44.98 1.35 -0.42	40.90 1.13 -5.01	44.51 1.12 -7.91	47.47 1.14 -11.08
STATE_ST_34_KV_LOAD 55959	41.88 -0.24 0.00	39.62 -0.26 0.00	42.54 -0.32 0.00	40.52 -0.20 0.00	43.13 0.00 0.00	49.04 0.12 0.00	89.37 0.30 0.00	91.76 0.39 0.00	53.24 -0.12 0.00	42.01 -0.22 0.00	48.50 -0.04 0.00	43.85 -0.33 0.00	36.39 -0.51 0.00	39.04 -0.50 0.00	41.53 -0.37 0.00	58.66 -0.18 0.00	64.46 0.21 0.00	117.14 0.56 0.00	64.02 0.09 0.00	50.26 -0.12 0.00	43.06 -0.19 -0.04	35.05 -0.22 -0.52	36.03 -0.27 -0.83	36.08 -0.33 -1.16
STATION_5_MISC_HYD 23604	41.64 -0.48 0.00	39.37 -0.52 0.00	42.80 -0.06 0.00	40.89 0.18 0.00	43.51 0.38 0.00	49.38 0.46 0.00	89.37 0.31 0.00	91.48 0.11 0.00	53.22 -0.14 0.00	42.12 -0.12 0.00	48.72 0.19 0.00	43.92 -0.27 0.00	36.40 -0.49 0.00	38.97 -0.56 0.00	41.36 -0.55 0.00	58.56 -0.29 0.00	63.99 -0.26 0.00	116.00 -0.58 0.00	63.46 -0.47 0.00	49.65 -0.72 0.00	42.11 -1.14 -0.04	34.14 -1.10 -0.48	35.23 -1.01 -0.77	35.72 -0.61 -1.07
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.50 -0.62 0.00	39.24 -0.64 0.00	42.52 -0.34 0.00	40.58 -0.14 0.00	43.15 0.02 0.00	49.00 0.08 0.00	88.95 -0.11 0.00	91.19 -0.18 0.00	53.06 -0.30 0.00	41.92 -0.31 0.00	48.45 -0.08 0.00	43.71 -0.48 0.00	36.23 -0.66 0.00	38.82 -0.71 0.00	41.24 -0.67 0.00	58.46 -0.39 0.00	63.94 -0.31 0.00	116.01 -0.58 0.00	63.52 -0.41 0.00	49.75 -0.63 0.00	42.32 -0.92 -0.04	34.30 -0.91 -0.46	35.30 -0.91 -0.73	35.64 -0.64 -1.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.32 -0.80 0.00	39.05 -0.83 0.00	42.45 -0.42 0.00	40.54 -0.18 0.00	43.12 -0.01 0.00	48.93 0.02 0.00	88.59 -0.48 0.00	90.69 -0.68 0.00	52.76 -0.60 0.00	41.76 -0.47 0.00	48.33 -0.20 0.00	43.62 -0.57 0.00	36.16 -0.73 0.00	38.72 -0.81 0.00	41.10 -0.81 0.00	58.19 -0.66 0.00	63.57 -0.68 0.00	115.26 -1.33 0.00	63.07 -0.85 0.00	49.35 -1.03 0.00	41.88 -1.36 -0.04	33.96 -1.27 -0.48	35.02 -1.21 -0.75	35.48 -0.83 -1.05
STA_56___34_KV_BUS2 355983	41.32 -0.80 0.00	39.05 -0.83 0.00	42.45 -0.42 0.00	40.54 -0.18 0.00	43.12 -0.01 0.00	48.93 0.02 0.00	88.59 -0.48 0.00	90.69 -0.68 0.00	52.76 -0.60 0.00	41.76 -0.47 0.00	48.33 -0.20 0.00	43.62 -0.57 0.00	36.16 -0.73 0.00	38.72 -0.81 0.00	41.10 -0.81 0.00	58.19 -0.66 0.00	63.57 -0.68 0.00	115.26 -1.33 0.00	63.07 -0.85 0.00	49.35 -1.03 0.00	41.88 -1.36 -0.04	33.96 -1.27 -0.48	35.02 -1.21 -0.75	35.48 -0.83 -1.05
STA_67___115KV_BK2 355882	41.57 -0.55 0.00	39.29 -0.59 0.00	42.73 -0.13 0.00	40.84 0.12 0.00	43.45 0.32 0.00	49.29 0.37 0.00	89.20 0.13 0.00	91.31 -0.07 0.00	53.11 -0.24 0.00	42.03 -0.20 0.00	48.62 0.09 0.00	43.84 -0.35 0.00	36.33 -0.57 0.00	38.89 -0.64 0.00	41.27 -0.64 0.00	58.42 -0.42 0.00	63.84 -0.40 0.00	115.74 -0.84 0.00	63.32 -0.60 0.00	49.55 -0.83 0.00	42.02 -1.23 -0.04	34.07 -1.17 -0.48	35.16 -1.09 -0.77	35.65 -0.68 -1.07
STA_7___115KV_9TRANS 80674	41.79 -0.32 0.00	39.49 -0.40 0.00	42.93 0.07 0.00	41.02 0.31 0.00	43.66 0.53 0.00	49.54 0.62 0.00	89.73 0.66 0.00	91.92 0.54 0.00	53.45 0.09 0.00	42.30 0.07 0.00	48.94 0.41 0.00	44.11 -0.08 0.00	36.55 -0.34 0.00	39.15 -0.39 0.00	41.54 -0.36 0.00	58.84 -0.01 0.00	64.30 0.06 0.00	116.61 0.03 0.00	63.83 -0.10 0.00	49.92 -0.46 0.00	42.34 -0.91 -0.04	34.32 -0.93 -0.48	35.38 -0.86 -0.77	35.86 -0.47 -1.07
STA_82___115KV_TB1 80780	41.55 -0.57 0.00	39.27 -0.62 0.00	42.71 -0.15 0.00	40.81 0.10 0.00	43.42 0.29 0.00	49.26 0.34 0.00	89.14 0.07 0.00	91.23 -0.13 0.00	53.07 -0.28 0.00	42.00 -0.23 0.00	48.59 0.05 0.00	43.79 -0.40 0.00	36.29 -0.60 0.00	38.85 -0.68 0.00	41.22 -0.69 0.00	58.37 -0.48 0.00	63.78 -0.47 0.00	115.63 -0.96 0.00	63.27 -0.66 0.00	49.50 -0.88 0.00	41.98 -1.27 -0.04	34.05 -1.20 -0.49	35.13 -1.12 -0.77	35.63 -0.70 -1.08
STEEL___WIND 323596	41.08 -1.04 0.00	38.90 -0.98 0.00	42.63 -0.23 0.00	40.97 0.25 0.00	43.73 0.60 0.00	49.52 0.60 0.00	88.92 -0.15 0.00	90.72 -0.65 0.00	52.73 -0.63 0.00	41.85 -0.38 0.00	48.82 0.28 0.00	43.88 -0.30 0.00	36.22 -0.67 0.00	38.77 -0.77 0.00	40.99 -0.91 0.00	58.02 -0.83 0.00	63.26 -0.99 0.00	114.41 -2.17 0.00	62.48 -1.45 0.00	48.65 -1.73 0.00	40.94 -2.32 -0.06	33.20 -2.25 -0.69	34.56 -2.02 -1.10	35.46 -1.34 -1.53
STEPHTWN_115KV_BK_2 55603	43.60 1.48 0.00	41.28 1.40 0.00	44.23 1.37 0.00	42.02 1.30 0.00	44.47 1.34 0.00	50.49 1.57 0.00	91.80 2.74 0.00	94.01 2.64 0.00	54.92 1.57 0.00	43.48 1.25 0.00	49.59 1.06 0.00	45.49 1.30 0.00	38.02 1.12 0.00	40.83 1.30 0.00	43.42 1.52 0.00	61.05 2.20 0.00	66.22 1.98 0.00	120.63 4.04 0.00	66.16 2.24 0.00	52.27 1.88 0.00	45.26 1.64 -0.42	41.11 1.36 -4.99	44.69 1.33 -7.88	47.63 1.34 -11.03
STEUBEN_REC_LFGE 323667	39.69 -2.43 0.00	37.90 -1.98 0.00	41.36 -1.50 0.00	39.88 -0.84 0.00	42.77 -0.36 0.00	49.12 0.19 0.00	89.90 0.83 0.00	92.60 1.23 0.00	53.87 0.51 0.00	42.42 0.19 0.00	49.14 0.61 0.00	44.17 -0.01 0.00	36.48 -0.41 0.00	39.22 -0.32 0.00	41.79 -0.11 0.00	59.67 0.82 0.00	65.61 1.37 0.00	118.57 1.98 0.00	64.36 0.43 0.00	49.80 -0.58 0.00	41.74 -1.55 -0.08	33.75 -1.99 -0.98	34.86 -2.17 -1.55	35.54 -1.90 -2.18
STILLWATER___SOLAR 323814	44.43 2.31 0.00	42.04 2.15 0.00	45.14 2.28 0.00	42.83 2.11 0.00	45.37 2.24 0.00	51.55 2.63 0.00	94.14 5.08 0.00	96.31 4.93 0.00	56.14 2.79 0.00	44.17 1.94 0.00	50.53 1.99 0.00	46.24 2.05 0.00	38.59 1.70 0.00	41.24 1.71 0.00	44.02 2.12 0.00	61.99 3.14 0.00	67.81 3.56 0.00	122.80 6.21 0.00	67.15 3.23 0.00	52.76 2.38 0.00	46.10 2.46 -0.43	41.93 2.01 -5.17	45.67 2.04 -8.15	48.78 2.10 -11.42
STONY___BROOK 24151	44.94 2.82 0.00	42.19 2.30 0.00	45.08 2.22 0.00	42.52 1.80 0.00	44.69 1.56 0.00	50.16 1.24 0.00	91.79 1.55 -1.17	95.75 1.81 -2.57	54.50 1.14 0.00	43.69 1.46 0.00	50.83 2.30 0.00	46.36 2.17 0.00	38.79 1.90 0.00	41.77 2.24 0.00	46.12 2.34 -1.87	63.34 2.35 -2.14	69.61 2.39 -2.98	124.58 3.58 -4.42	124.19 3.40 -56.86	53.54 3.16 0.00	46.18 2.57 -0.40	41.22 2.26 -4.21	44.48 2.51 -6.49	46.74 2.39 -9.08
STURGEON_POOL_HYD 23609	43.91 1.79 0.00	41.50 1.61 0.00	44.46 1.60 0.00	42.19 1.47 0.00	44.60 1.47 0.00	50.64 1.72 0.00	92.31 3.25 0.00	94.94 3.57 0.00	55.44 2.09 0.00	43.96 1.72 0.00	50.55 2.02 0.00	46.08 1.90 0.00	38.52 1.62 0.00	41.35 1.81 0.00	43.86 1.95 0.00	61.28 2.43 0.00	66.82 2.57 0.00	121.73 5.14 0.00	66.90 2.97 0.00	52.80 2.42 0.00	45.60 2.04 -0.35	40.63 1.67 -4.20	43.84 1.72 -6.64	46.14 1.58 -9.30

ST_LAW_115_BK7_LBMP 345037	43.76 1.64 0.00	41.46 1.57 0.00	43.76 0.90 0.00	41.06 0.34 0.00	43.61 0.48 0.00	49.76 0.84 0.00	91.21 2.15 0.00	94.00 2.62 0.00	54.55 1.19 0.00	42.89 0.66 0.00	49.37 0.84 0.00	44.68 0.50 0.00	36.88 -0.01 0.00	39.21 -0.33 0.00	41.27 -0.63 0.00	58.48 -0.37 0.00	64.38 0.13 0.00	115.94 -0.65 0.00	62.82 -1.11 0.00	50.06 -0.31 0.00	43.89 0.68 0.00	34.94 0.18 0.00	35.39 -0.08 0.00	34.71 -0.55 0.00
ST_LAW_115_BK8_LBMP 345038	43.76 1.64 0.00	41.46 1.57 0.00	43.76 0.90 0.00	41.06 0.34 0.00	43.61 0.48 0.00	49.76 0.84 0.00	91.21 2.15 0.00	94.00 2.62 0.00	54.55 1.19 0.00	42.89 0.66 0.00	49.37 0.84 0.00	44.68 0.50 0.00	36.88 -0.01 0.00	39.21 -0.33 0.00	41.27 -0.63 0.00	58.48 -0.37 0.00	64.38 0.13 0.00	115.94 -0.65 0.00	62.82 -1.11 0.00	50.06 -0.31 0.00	43.89 0.68 0.00	34.94 0.18 0.00	35.39 -0.08 0.00	34.71 -0.55 0.00
ST_LAW_230_BK5_LBMP 345035	43.71 1.60 0.00	41.42 1.53 0.00	43.73 0.87 0.00	41.06 0.34 0.00	43.60 0.47 0.00	49.75 0.83 0.00	91.18 2.11 0.00	93.97 2.59 0.00	54.54 1.19 0.00	42.88 0.65 0.00	49.34 0.81 0.00	44.67 0.48 0.00	36.88 -0.01 0.00	39.21 -0.32 0.00	41.29 -0.62 0.00	58.51 -0.34 0.00	64.39 0.14 0.00	115.97 -0.62 0.00	62.86 -1.07 0.00	50.08 -0.30 0.00	43.88 0.68 0.00	34.93 0.17 0.00	35.38 -0.09 0.00	34.70 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	43.71 1.60 0.00	41.42 1.53 0.00	43.73 0.87 0.00	41.06 0.34 0.00	43.60 0.47 0.00	49.75 0.83 0.00	91.18 2.11 0.00	93.97 2.59 0.00	54.54 1.19 0.00	42.88 0.65 0.00	49.34 0.81 0.00	44.67 0.48 0.00	36.88 -0.01 0.00	39.21 -0.32 0.00	41.29 -0.62 0.00	58.51 -0.34 0.00	64.39 0.14 0.00	115.97 -0.62 0.00	62.86 -1.07 0.00	50.08 -0.30 0.00	43.88 0.68 0.00	34.93 0.17 0.00	35.38 -0.09 0.00	34.70 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.82 1.70 0.00	41.38 1.50 0.00	44.33 1.47 0.00	42.09 1.38 0.00	44.50 1.37 0.00	50.57 1.65 0.00	92.11 3.05 0.00	94.62 3.25 0.00	55.21 1.85 0.00	43.82 1.59 0.00	50.41 1.88 0.00	46.02 1.84 0.00	38.45 1.56 0.00	41.26 1.72 0.00	41.50 1.82 2.22	61.07 2.22 0.00	66.63 2.38 0.00	121.44 4.85 0.00	66.68 2.75 0.00	52.65 2.27 0.00	45.44 1.90 -0.32	40.15 1.55 -3.84	43.18 1.63 -6.07	45.26 1.50 -8.49
SWANROAD_115KV_TB1 355699	40.52 -1.60 0.00	38.34 -1.55 0.00	42.06 -0.80 0.00	40.38 -0.33 0.00	43.03 -0.09 0.00	48.31 -0.61 0.00	86.30 -2.77 0.00	87.92 -3.45 0.00	51.22 -2.14 0.00	40.78 -1.46 0.00	47.46 -1.07 0.00	42.67 -1.52 0.00	35.17 -1.72 0.00	37.55 -1.99 0.00	39.69 -2.21 0.00	56.09 -2.76 0.00	61.16 -3.09 0.00	110.73 -5.86 0.00	60.56 -3.37 0.00	47.16 -3.22 0.00	39.74 -3.52 -0.05	32.28 -3.10 -0.63	33.57 -2.90 -0.99	34.55 -2.10 -1.39
SYNERGY___BIOGAS 323694	42.04 -0.07 0.00	39.75 -0.13 0.00	43.45 0.59 0.00	41.66 0.94 0.00	44.44 1.31 0.00	50.25 1.33 0.00	91.52 2.46 0.00	93.64 2.27 0.00	54.02 0.66 0.00	42.56 0.33 0.00	48.99 0.45 0.00	44.16 -0.02 0.00	36.33 -0.57 0.00	38.84 -0.70 0.00	41.18 -0.73 0.00	58.80 -0.05 0.00	64.62 0.37 0.00	116.83 0.24 0.00	64.01 0.08 0.00	49.93 -0.45 0.00	42.11 -1.15 -0.05	34.09 -1.23 -0.57	35.27 -1.11 -0.90	36.02 -0.50 -1.26
SYRACUSE___ENERGY_ST1 323597	41.44 -0.68 0.00	39.22 -0.66 0.00	42.20 -0.67 0.00	40.18 -0.54 0.00	42.65 -0.48 0.00	48.41 -0.51 0.00	88.19 -0.87 0.00	90.52 -0.85 0.00	52.72 -0.64 0.00	41.59 -0.64 0.00	47.94 -0.60 0.00	43.44 -0.74 0.00	36.15 -0.74 0.00	38.83 -0.71 0.00	41.27 -0.64 0.00	58.19 -0.66 0.00	63.68 -0.57 0.00	115.62 -0.97 0.00	63.38 -0.55 0.00	49.85 -0.54 0.00	42.64 -0.60 -0.04	34.67 -0.52 -0.43	35.60 -0.57 -0.69	35.66 -0.55 -0.96
SYRACUSE___ENERGY_ST2 323598	41.44 -0.68 0.00	39.22 -0.66 0.00	42.20 -0.67 0.00	40.18 -0.54 0.00	42.65 -0.48 0.00	48.41 -0.51 0.00	88.19 -0.87 0.00	90.52 -0.85 0.00	52.72 -0.64 0.00	41.59 -0.64 0.00	47.94 -0.60 0.00	43.44 -0.74 0.00	36.15 -0.74 0.00	38.83 -0.71 0.00	41.27 -0.64 0.00	58.19 -0.66 0.00	63.68 -0.57 0.00	115.62 -0.97 0.00	63.38 -0.55 0.00	49.85 -0.54 0.00	42.64 -0.60 -0.04	34.67 -0.52 -0.43	35.60 -0.57 -0.69	35.66 -0.55 -0.96
SYRACUSE___POWER 24017	41.41 -0.71 0.00	39.20 -0.69 0.00	42.20 -0.66 0.00	40.18 -0.53 0.00	42.62 -0.51 0.00	48.37 -0.55 0.00	88.09 -0.98 0.00	90.45 -0.93 0.00	52.70 -0.66 0.00	41.54 -0.70 0.00	47.89 -0.64 0.00	43.41 -0.78 0.00	36.11 -0.78 0.00	38.81 -0.73 0.00	41.25 -0.66 0.00	58.17 -0.68 0.00	63.65 -0.59 0.00	115.52 -1.06 0.00	63.38 -0.55 0.00	49.85 -0.54 0.00	42.62 -0.63 -0.04	34.67 -0.55 -0.47	35.61 -0.60 -0.74	35.73 -0.56 -1.03
TALLMAN___138KV_BK151 55660	43.94 1.83 0.00	41.49 1.61 0.00	44.41 1.55 0.00	42.15 1.44 0.00	44.55 1.42 0.00	50.64 1.72 0.00	92.26 3.19 0.00	94.76 3.39 0.00	55.25 1.89 0.00	43.89 1.66 0.00	50.55 2.02 0.00	46.20 2.01 0.00	38.60 1.71 0.00	41.43 1.90 0.00	40.88 1.97 3.01	61.15 2.31 0.00	66.68 2.44 0.00	121.63 5.05 0.00	66.77 2.84 0.00	52.74 2.36 0.00	45.51 1.97 -0.33	40.33 1.63 -3.95	43.46 1.74 -6.24	45.59 1.60 -8.74
TEALLAVE_115KV_TB7 355573	41.23 -0.89 0.00	39.02 -0.86 0.00	42.04 -0.82 0.00	40.02 -0.70 0.00	42.45 -0.68 0.00	48.16 -0.76 0.00	87.64 -1.43 0.00	89.95 -1.42 0.00	52.44 -0.92 0.00	41.38 -0.86 0.00	47.71 -0.83 0.00	43.26 -0.92 0.00	36.01 -0.88 0.00	38.68 -0.86 0.00	41.08 -0.83 0.00	57.90 -0.95 0.00	63.32 -0.93 0.00	114.87 -1.72 0.00	63.00 -0.93 0.00	49.55 -0.83 0.00	42.36 -0.88 -0.03	34.40 -0.74 -0.39	35.30 -0.78 -0.61	35.38 -0.74 -0.85
TELGRAPH_34_KV_EAST 80808	41.29 -0.83 0.00	39.05 -0.83 0.00	42.76 -0.10 0.00	41.02 0.30 0.00	43.73 0.60 0.00	49.29 0.37 0.00	88.31 -0.76 0.00	90.33 -1.04 0.00	52.67 -0.69 0.00	41.73 -0.50 0.00	48.38 -0.16 0.00	43.53 -0.66 0.00	35.88 -1.02 0.00	38.34 -1.19 0.00	40.59 -1.32 0.00	57.61 -1.24 0.00	62.99 -1.25 0.00	114.00 -2.59 0.00	62.29 -1.64 0.00	48.54 -1.84 0.00	40.93 -2.33 -0.05	33.20 -2.15 -0.60	34.44 -1.98 -0.94	35.31 -1.27 -1.32
TEMPLE___115KV_TB 2 55572	41.23 -0.89 0.00	39.02 -0.86 0.00	42.04 -0.82 0.00	40.02 -0.69 0.00	42.45 -0.68 0.00	48.16 -0.76 0.00	87.64 -1.43 0.00	89.95 -1.42 0.00	52.44 -0.92 0.00	41.38 -0.86 0.00	47.71 -0.83 0.00	43.26 -0.92 0.00	36.01 -0.88 0.00	38.68 -0.85 0.00	41.10 -0.81 0.00	57.92 -0.93 0.00	63.33 -0.92 0.00	114.89 -1.70 0.00	63.02 -0.90 0.00	49.56 -0.82 0.00	42.36 -0.88 -0.03	34.41 -0.74 -0.39	35.32 -0.78 -0.62	35.40 -0.72 -0.87
TIANA____69_KV_BK 1 55817	44.95 2.83 0.00	42.22 2.33 0.00	45.17 2.31 0.00	42.50 1.78 0.00	44.67 1.55 0.00	50.22 1.30 0.00	92.94 1.90 -1.98	97.77 2.05 -4.35	54.51 1.16 0.00	43.60 1.37 0.00	50.74 2.21 0.00	46.39 2.20 0.00	38.91 2.01 0.00	41.90 2.36 0.00	46.45 2.68 -1.87	65.39 2.91 -3.64	73.06 3.76 -5.05	130.59 6.66 -7.34	129.24 4.68 -60.63	54.26 3.88 0.00	46.75 3.11 -0.43	41.68 2.72 -4.21	44.97 3.00 -6.49	47.19 2.85 -9.08

TILDEN___115KV_TB1 80814	41.41 -0.71 0.00	39.20 -0.69 0.00	42.20 -0.66 0.00	40.18 -0.53 0.00	42.62 -0.51 0.00	48.37 -0.55 0.00	88.09 -0.98 0.00	90.45 -0.93 0.00	52.70 -0.66 0.00	41.54 -0.70 0.00	47.89 -0.64 0.00	43.41 -0.78 0.00	36.11 -0.78 0.00	38.81 -0.73 0.00	41.25 -0.66 0.00	58.17 -0.68 0.00	63.65 -0.59 0.00	115.52 -1.06 0.00	63.38 -0.55 0.00	49.85 -0.54 0.00	42.62 -0.63 -0.04	34.67 -0.55 -0.47	35.61 -0.60 -0.74	35.73 -0.56 -1.03
TRIGEN___CC 323695	44.61 2.49 0.00	41.98 2.09 0.00	44.89 2.03 0.00	42.48 1.76 0.00	44.73 1.61 0.00	50.59 1.67 0.00	91.77 2.70 0.00	94.54 3.16 0.00	55.34 1.98 0.00	44.15 1.92 0.00	51.11 2.58 0.00	46.65 2.47 0.00	39.02 2.13 0.00	41.99 2.46 0.00	46.24 2.47 -1.87	61.64 2.79 0.00	67.14 2.90 0.00	123.04 5.43 -1.03	143.85 3.65 -76.27	53.48 3.10 0.00	46.07 2.52 -0.34	41.19 2.19 -4.25	44.34 2.37 -6.50	46.53 2.19 -9.08
TRINITY___115KV__4 BK 55933	43.16 1.04 0.00	40.92 1.04 0.00	43.90 1.04 0.00	41.64 0.92 0.00	43.99 0.86 0.00	49.85 0.93 0.00	90.70 1.63 0.00	92.89 1.52 0.00	54.41 1.06 0.00	43.06 0.83 0.00	49.20 0.67 0.00	45.08 0.90 0.00	37.73 0.83 0.00	40.48 0.95 0.00	42.94 1.04 0.00	60.12 1.27 0.00	65.53 1.28 0.00	119.01 2.42 0.00	65.31 1.38 0.00	51.54 1.16 0.00	44.74 1.12 -0.42	40.71 0.96 -5.00	44.32 0.95 -7.89	47.30 0.99 -11.05
UNION___PROCESSING_DRP 323587	41.55 -0.57 0.00	39.29 -0.60 0.00	42.72 -0.14 0.00	40.82 0.11 0.00	43.44 0.31 0.00	49.28 0.36 0.00	89.15 0.08 0.00	91.28 -0.09 0.00	53.08 -0.28 0.00	42.01 -0.23 0.00	48.59 0.06 0.00	43.80 -0.39 0.00	36.29 -0.60 0.00	38.86 -0.68 0.00	41.23 -0.68 0.00	58.38 -0.47 0.00	63.80 -0.45 0.00	115.65 -0.94 0.00	63.27 -0.66 0.00	49.50 -0.87 0.00	41.99 -1.26 -0.04	34.06 -1.18 -0.49	35.13 -1.11 -0.77	35.64 -0.70 -1.08
UPPER HUDSON___HYD 24058	45.13 3.02 0.00	42.65 2.77 0.00	45.79 2.93 0.00	43.46 2.74 0.00	46.10 2.96 0.00	52.50 3.58 0.00	96.16 7.09 0.00	98.22 6.85 0.00	57.28 3.92 0.00	44.91 2.68 0.00	51.27 2.74 0.00	47.09 2.90 0.00	39.16 2.26 0.00	41.63 2.10 0.00	44.74 2.83 0.00	62.94 4.09 0.00	68.89 4.64 0.00	124.19 7.61 0.00	67.51 3.58 0.00	52.71 2.33 0.00	46.80 3.16 -0.43	42.56 2.61 -5.20	46.33 2.65 -8.20	49.49 2.75 -11.48
UPPER RAQUET___HYD 24056	44.00 1.88 0.00	41.70 1.81 0.00	44.06 1.20 0.00	41.25 0.53 0.00	43.81 0.68 0.00	49.68 0.76 0.00	90.78 1.71 0.00	93.83 2.46 0.00	54.86 1.51 0.00	43.00 0.76 0.00	49.83 1.30 0.00	44.99 0.80 0.00	37.11 0.22 0.00	39.35 -0.18 0.00	41.11 -0.79 0.00	58.06 -0.79 0.00	64.32 0.07 0.00	115.60 -0.98 0.00	62.58 -1.35 0.00	49.79 -0.59 0.00	43.63 0.41 -0.01	34.90 0.06 -0.08	35.51 -0.09 -0.12	35.07 -0.36 -0.17
VALLEY44_115KV_TB2 355964	41.22 -0.90 0.00	39.07 -0.82 0.00	42.55 -0.31 0.00	40.89 0.18 0.00	43.69 0.56 0.00	49.38 0.46 0.00	88.56 -0.51 0.00	90.64 -0.74 0.00	52.64 -0.71 0.00	41.84 -0.40 0.00	48.94 0.40 0.00	43.98 -0.21 0.00	36.51 -0.38 0.00	39.26 -0.28 0.00	41.50 -0.41 0.00	58.61 -0.24 0.00	63.60 -0.65 0.00	114.07 -2.51 0.00	62.31 -1.62 0.00	48.73 -1.65 0.00	41.21 -2.07 -0.07	33.52 -2.02 -0.78	35.00 -1.72 -1.24	35.68 -1.31 -1.73
VALLEY___115KV_TB 1-4 80826	43.86 1.74 0.00	41.52 1.63 0.00	44.57 1.71 0.00	42.46 1.74 0.00	44.98 1.86 0.00	51.06 2.15 0.00	93.19 4.12 0.00	95.56 4.19 0.00	55.53 2.17 0.00	43.65 1.42 0.00	50.09 1.56 0.00	45.78 1.59 0.00	38.17 1.28 0.00	40.80 1.27 0.00	43.58 1.67 0.00	61.78 2.93 0.00	67.74 3.50 0.00	123.10 6.52 0.00	67.57 3.64 0.00	53.20 2.82 0.00	45.63 2.42 0.00	36.73 1.98 0.00	37.45 1.97 0.00	37.18 1.92 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.86 1.74 0.00	41.52 1.64 0.00	44.63 1.77 0.00	42.46 1.74 0.00	45.00 1.88 0.00	51.00 2.09 0.00	93.19 4.13 0.00	95.67 4.30 0.00	55.91 2.55 0.00	44.52 2.29 0.00	51.19 2.66 0.00	46.59 2.40 0.00	38.88 1.99 0.00	41.48 1.95 0.00	43.78 1.88 0.00	61.71 2.86 0.00	67.31 3.06 0.00	122.21 5.62 0.00	67.20 3.27 0.00	52.95 2.58 0.00	45.47 2.11 -0.15	38.17 1.60 -1.81	39.92 1.58 -2.86	40.75 1.48 -4.01
VISCHER___FERRY HYD 24020	43.72 1.60 0.00	41.40 1.51 0.00	44.45 1.59 0.00	42.14 1.42 0.00	44.60 1.47 0.00	50.60 1.67 0.00	92.17 3.11 0.00	94.36 2.99 0.00	55.19 1.84 0.00	43.58 1.35 0.00	49.72 1.19 0.00	45.55 1.36 0.00	38.09 1.19 0.00	40.86 1.32 0.00	43.42 1.52 0.00	60.95 2.10 0.00	66.51 2.26 0.00	120.70 4.12 0.00	66.15 2.23 0.00	52.12 1.74 0.00	45.31 1.68 -0.42	41.24 1.40 -5.08	44.92 1.43 -8.01	48.00 1.52 -11.22
V_A_10_SYNC_DSASP 323832	40.84 -1.28 0.00	38.62 -1.26 0.00	42.21 -0.65 0.00	40.44 -0.27 0.00	43.06 -0.07 0.00	48.67 -0.25 0.00	87.40 -1.67 0.00	89.15 -2.22 0.00	51.84 -1.52 0.00	41.19 -1.04 0.00	47.97 -0.56 0.00	43.18 -1.01 0.00	35.71 -1.18 0.00	38.21 -1.33 0.00	40.43 -1.48 0.00	57.11 -1.73 0.00	62.22 -2.03 0.00	112.46 -4.12 0.00	61.50 -2.43 0.00	48.01 -2.37 0.00	40.59 -2.67 -0.05	33.00 -2.31 -0.55	34.23 -2.12 -0.87	35.01 -1.48 -1.23
V_CMM_10_SYNC_DSASP 323787	44.00 1.88 0.00	41.68 1.79 0.00	44.00 1.13 0.00	41.30 0.58 0.00	43.86 0.73 0.00	50.06 1.14 0.00	91.73 2.66 0.00	94.55 3.17 0.00	54.68 1.33 0.00	43.12 0.88 0.00	49.66 1.12 0.00	44.93 0.74 0.00	37.08 0.19 0.00	39.41 -0.12 0.00	41.50 -0.41 0.00	58.81 -0.03 0.00	64.74 0.49 0.00	116.58 0.00 0.00	63.17 -0.76 0.00	50.34 -0.04 0.00	44.14 0.93 0.00	35.10 0.35 0.00	35.58 0.10 0.00	34.90 -0.36 0.00
V_CMP_10_SYNC_DSASP 323788	44.65 2.54 0.00	42.25 2.36 0.00	44.70 1.84 0.00	42.05 1.34 0.00	44.62 1.49 0.00	50.85 1.93 0.00	93.55 4.49 0.00	96.40 5.02 0.00	56.07 2.71 0.00	43.84 1.60 0.00	50.39 1.86 0.00	45.80 1.62 0.00	37.89 1.00 0.00	40.31 0.77 0.00	42.41 0.51 0.00	59.98 1.13 0.00	66.03 1.79 0.00	118.86 2.28 0.00	64.48 0.55 0.00	51.25 0.87 0.00	44.83 1.62 0.00	35.60 0.84 0.00	35.89 0.41 0.00	35.12 -0.14 0.00
V_D_10_SYNC_DSASP 323841	44.33 2.21 0.00	41.97 2.09 0.00	44.34 1.48 0.00	41.59 0.88 0.00	44.19 1.06 0.00	50.38 1.46 0.00	92.30 3.23 0.00	95.16 3.79 0.00	55.37 2.02 0.00	43.44 1.21 0.00	50.04 1.51 0.00	45.26 1.08 0.00	37.36 0.46 0.00	39.69 0.15 0.00	41.74 -0.17 0.00	59.12 0.27 0.00	65.16 0.91 0.00	117.35 0.77 0.00	63.59 -0.34 0.00	50.65 0.27 0.00	44.39 1.19 0.00	35.33 0.57 0.00	35.82 0.34 0.00	35.17 -0.09 0.00
V_E_10_SYNC_DSASP 323830	43.44 1.32 0.00	40.93 1.04 0.00	43.71 0.85 0.00	41.96 1.25 0.00	44.56 1.43 0.00	50.87 1.96 0.00	93.56 4.50 0.00	97.14 5.77 0.00	56.58 3.22 0.00	44.43 2.20 0.00	51.34 2.81 0.00	46.39 2.20 0.00	38.39 1.50 0.00	41.07 1.53 0.00	43.79 1.89 0.00	63.09 4.24 0.00	69.79 5.55 0.00	127.24 10.66 0.00	69.81 5.88 0.00	54.64 4.26 0.00	46.29 2.97 -0.11	37.81 1.73 -1.32	38.95 1.39 -2.09	39.23 1.05 -2.92

V_F_30_NSYNC___DSASP 323816	44.47 2.35 0.00	42.07 2.19 0.00	45.19 2.33 0.00	42.87 2.16 0.00	45.42 2.29 0.00	51.60 2.68 0.00	94.24 5.18 0.00	96.42 5.05 0.00	56.21 2.85 0.00	44.25 2.02 0.00	50.63 2.10 0.00	46.31 2.12 0.00	38.66 1.76 0.00	41.31 1.78 0.00	44.09 2.19 0.00	62.07 3.22 0.00	67.89 3.64 0.00	122.94 6.36 0.00	67.23 3.30 0.00	52.80 2.42 0.00	46.14 2.50 -0.43	41.97 2.04 -5.18	45.72 2.07 -8.17	48.83 2.12 -11.45
V_F_30_SYNC_DSASP 323786	43.33 1.21 0.00	41.09 1.21 0.00	44.08 1.22 0.00	41.82 1.10 0.00	44.16 1.03 0.00	50.08 1.16 0.00	91.11 2.05 0.00	93.35 1.98 0.00	54.68 1.32 0.00	43.26 1.03 0.00	49.44 0.91 0.00	45.32 1.13 0.00	37.91 1.02 0.00	40.68 1.15 0.00	43.18 1.28 0.00	60.47 1.62 0.00	65.91 1.66 0.00	119.72 3.14 0.00	65.70 1.77 0.00	51.88 1.50 0.00	44.98 1.35 -0.42	40.90 1.13 -5.01	44.51 1.12 -7.91	47.47 1.13 -11.07
V_XM_10_SYNC_DSASP 323789	44.65 2.54 0.00	42.25 2.36 0.00	44.70 1.84 0.00	42.05 1.34 0.00	44.62 1.49 0.00	50.85 1.93 0.00	93.55 4.49 0.00	96.40 5.02 0.00	56.07 2.71 0.00	43.84 1.60 0.00	50.39 1.86 0.00	45.80 1.62 0.00	37.89 1.00 0.00	40.31 0.77 0.00	42.41 0.51 0.00	59.98 1.13 0.00	66.03 1.79 0.00	118.86 2.28 0.00	64.48 0.55 0.00	51.25 0.87 0.00	44.83 1.62 0.00	35.60 0.84 0.00	35.89 0.41 0.00	35.12 -0.14 0.00
W.BABYLN_69_KV_BK1 56697	45.34 3.22 0.00	42.59 2.71 0.00	45.53 2.67 0.00	43.02 2.30 0.00	45.25 2.12 0.00	50.99 2.08 0.00	93.12 3.46 -0.59	96.69 4.02 -1.30	55.71 2.35 0.00	44.46 2.23 0.00	51.62 3.09 0.00	47.07 2.88 0.00	39.35 2.45 0.00	42.41 2.87 0.00	46.72 2.94 -1.87	63.45 3.51 -1.09	69.53 3.78 -1.51	125.54 6.46 -2.50	126.46 4.64 -57.89	54.40 4.01 0.00	46.88 3.30 -0.36	41.75 2.78 -4.21	45.00 3.03 -6.49	47.18 2.84 -9.08
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.16 2.04 0.00	41.70 1.81 0.00	44.63 1.77 0.00	42.38 1.66 0.00	44.80 1.67 0.00	50.91 1.99 0.00	92.79 3.72 0.00	95.29 3.92 0.00	55.56 2.21 0.00	44.14 1.91 0.00	50.84 2.30 0.00	46.47 2.28 0.00	38.82 1.93 0.00	41.67 2.14 0.00	40.89 2.26 3.27	61.57 2.72 0.00	67.14 2.89 0.00	122.41 5.83 0.00	67.19 3.25 0.00	53.07 2.69 0.00	45.80 2.25 -0.33	40.57 1.83 -3.98	43.72 1.95 -6.29	45.86 1.79 -8.81
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.33 2.21 0.00	41.85 1.96 0.00	44.76 1.90 0.00	42.47 1.75 0.00	44.85 1.72 0.00	51.02 2.10 0.00	92.90 3.83 0.00	95.69 4.32 0.00	55.92 2.57 0.00	44.46 2.23 0.00	51.23 2.69 0.00	46.84 2.66 0.00	39.18 2.28 0.00	42.07 2.53 0.00	46.48 2.68 -1.89	62.13 3.28 0.00	67.67 3.42 0.00	123.26 6.72 0.05	67.65 3.73 0.00	53.43 3.05 0.00	46.06 2.51 -0.34	40.93 2.06 -4.11	44.13 2.17 -6.48	46.33 1.99 -9.08
W50THST__13_KV_LOAD 356117	44.47 2.35 0.00	41.97 2.09 0.00	44.89 2.03 0.00	42.60 1.89 0.00	44.99 1.86 0.00	51.20 2.28 0.00	93.27 4.20 0.00	96.09 4.72 0.00	56.17 2.81 0.00	44.68 2.44 0.00	51.47 2.94 0.00	47.06 2.88 0.00	39.36 2.47 0.00	42.27 2.74 0.00	46.69 2.90 -1.89	62.44 3.59 0.00	67.99 3.75 0.00	123.80 7.26 0.05	67.94 4.01 0.00	53.64 3.26 0.00	46.23 2.68 -0.34	41.05 2.19 -4.11	44.25 2.29 -6.48	46.45 2.11 -9.08
WADING RIVER_IC_1 23522	44.94 2.82 0.00	42.19 2.31 0.00	45.10 2.24 0.00	42.49 1.78 0.00	44.65 1.52 0.00	50.18 1.26 0.00	92.76 1.72 -1.97	97.56 1.87 -4.32	54.46 1.11 0.00	43.55 1.31 0.00	50.60 2.07 0.00	46.17 1.99 0.00	38.67 1.78 0.00	41.49 1.95 0.00	45.99 2.21 -1.87	64.61 2.15 -3.61	72.31 3.06 -5.00	129.03 5.16 -7.28	128.43 3.97 -60.53	53.61 3.23 0.00	46.08 2.44 -0.43	41.16 2.20 -4.21	44.43 2.46 -6.49	46.68 2.34 -9.08
WADING RIVER_IC_2 23547	44.94 2.82 0.00	42.19 2.31 0.00	45.10 2.24 0.00	42.49 1.78 0.00	44.65 1.52 0.00	50.18 1.26 0.00	92.76 1.72 -1.97	97.56 1.87 -4.32	54.46 1.11 0.00	43.55 1.31 0.00	50.60 2.07 0.00	46.17 1.99 0.00	38.67 1.78 0.00	41.49 1.95 0.00	45.99 2.21 -1.87	64.61 2.15 -3.61	72.31 3.06 -5.00	129.03 5.16 -7.28	128.43 3.97 -60.53	53.61 3.23 0.00	46.08 2.44 -0.43	41.16 2.20 -4.21	44.43 2.46 -6.49	46.68 2.34 -9.08
WADING RIVER_IC_3 23601	44.94 2.82 0.00	42.19 2.31 0.00	45.10 2.24 0.00	42.49 1.78 0.00	44.65 1.52 0.00	50.18 1.26 0.00	92.76 1.72 -1.97	97.56 1.87 -4.32	54.46 1.11 0.00	43.55 1.31 0.00	50.60 2.07 0.00	46.17 1.99 0.00	38.67 1.78 0.00	41.49 1.95 0.00	45.99 2.21 -1.87	64.61 2.15 -3.61	72.31 3.06 -5.00	129.03 5.16 -7.28	128.43 3.97 -60.53	53.61 3.23 0.00	46.08 2.44 -0.43	41.16 2.20 -4.21	44.43 2.46 -6.49	46.68 2.34 -9.08
WALDENNY_12_KV_BK2 80841	41.20 -0.92 0.00	38.99 -0.90 0.00	42.71 -0.15 0.00	41.05 0.34 0.00	43.81 0.68 0.00	49.53 0.61 0.00	88.92 -0.15 0.00	90.75 -0.62 0.00	52.77 -0.59 0.00	41.90 -0.33 0.00	48.88 0.34 0.00	43.93 -0.26 0.00	36.28 -0.62 0.00	38.81 -0.73 0.00	41.05 -0.86 0.00	58.08 -0.77 0.00	63.30 -0.94 0.00	114.54 -2.05 0.00	62.54 -1.39 0.00	48.70 -1.68 0.00	40.99 -2.28 -0.06	33.25 -2.19 -0.69	34.59 -1.98 -1.09	35.48 -1.29 -1.52
WALDEN___HYDRO 24148	44.03 1.91 0.00	41.60 1.71 0.00	44.56 1.70 0.00	42.31 1.59 0.00	44.72 1.59 0.00	50.82 1.90 0.00	92.63 3.56 0.00	95.21 3.84 0.00	55.53 2.17 0.00	44.02 1.78 0.00	50.62 2.08 0.00	46.18 2.00 0.00	38.57 1.68 0.00	41.40 1.87 0.74	43.18 2.00 0.00	61.41 2.56 0.00	67.03 2.78 0.00	122.17 5.58 0.00	67.11 3.18 0.00	52.98 2.60 0.00	45.72 2.18 -0.33	40.51 1.78 -3.98	43.60 1.84 -6.28	45.76 1.70 -8.80
WARRENSBURG____ 23737	45.13 3.01 0.00	42.66 2.77 0.00	45.79 2.93 0.00	43.46 2.74 0.00	46.09 2.96 0.00	52.50 3.58 0.00	96.16 7.10 0.00	98.23 6.86 0.00	57.28 3.92 0.00	44.91 2.68 0.00	51.27 2.74 0.00	47.09 2.90 0.00	39.15 2.26 0.00	41.63 2.10 0.00	44.73 2.83 0.00	62.94 4.10 0.00	68.89 4.64 0.00	124.19 7.61 0.00	67.51 3.58 0.00	52.71 2.33 0.00	46.80 3.16 -0.43	42.56 2.61 -5.20	46.33 2.65 -8.20	49.48 2.74 -11.48
WATERSIDE___6 8 9 23538	44.31 2.20 0.00	41.82 1.93 0.00	44.73 1.87 0.00	42.44 1.72 0.00	44.83 1.70 0.00	50.98 2.06 0.00	92.88 3.81 0.00	95.66 4.28 0.00	55.93 2.57 0.00	44.47 2.23 0.00	51.24 2.70 0.00	46.86 2.68 0.00	39.21 2.32 0.00	42.09 2.56 0.00	46.59 2.70 -1.98	62.14 3.29 0.00	67.61 3.37 0.00	124.34 6.80 -0.95	67.65 3.72 0.00	53.46 3.08 0.00	46.09 2.54 -0.34	40.95 2.09 -4.11	44.15 2.19 -6.48	46.35 2.01 -9.08
WATKINRD_115KV_LN8_ILLION 55919	43.42 1.30 0.00	41.11 1.22 0.00	44.14 1.28 0.00	42.00 1.29 0.00	44.49 1.37 0.00	50.51 1.59 0.00	92.09 3.02 0.00	94.46 3.08 0.00	54.98 1.62 0.00	43.29 1.06 0.00	49.69 1.16 0.00	45.34 1.16 0.00	37.83 0.93 0.00	40.46 0.93 0.00	43.12 1.21 0.00	60.95 2.11 0.00	66.77 2.52 0.00	121.35 4.77 0.00	66.57 2.64 0.00	52.42 2.04 0.00	44.97 1.76 0.00	36.20 1.45 0.00	36.91 1.43 0.00	36.65 1.39 0.00

WDELAWARE___HYD 323627	43.50 1.38 0.00	41.09 1.21 0.00	44.04 1.17 0.00	41.84 1.12 0.00	44.26 1.13 0.00	50.32 1.40 0.00	92.07 3.01 0.00	95.98 4.61 0.00	56.03 2.67 0.00	44.06 1.83 0.00	51.01 2.48 0.00	46.44 2.26 0.00	38.59 1.70 0.00	40.50 0.97 0.00	42.50 1.17 0.58	60.31 1.46 0.00	66.07 1.82 0.00	120.55 3.97 0.00	66.23 2.30 0.00	51.34 0.96 0.00	44.01 0.48 -0.31	39.90 1.40 -3.75	42.85 1.46 -5.91	44.82 1.28 -8.28
WEST BABYLON___IC 23714	45.34 3.22 0.00	42.59 2.71 0.00	45.53 2.67 0.00	43.02 2.30 0.00	45.25 2.12 0.00	50.99 2.08 0.00	93.12 3.46 -0.59	96.69 4.02 -1.30	55.71 2.35 0.00	44.46 2.23 0.00	51.62 3.09 0.00	47.07 2.88 0.00	39.35 2.45 0.00	42.41 2.87 0.00	46.72 2.94 -1.87	63.45 3.51 -1.09	69.53 3.78 -1.51	125.54 6.46 -2.50	126.46 4.64 -57.89	54.40 4.01 0.00	46.88 3.30 -0.36	41.75 2.78 -4.21	45.00 3.03 -6.49	47.18 2.84 -9.08
WEST CANADA___HYD 24049	42.29 0.17 0.00	40.05 0.16 0.00	43.03 0.17 0.00	40.88 0.16 0.00	43.30 0.17 0.00	49.11 0.19 0.00	89.44 0.37 0.00	91.81 0.43 0.00	53.63 0.27 0.00	42.43 0.20 0.00	48.73 0.20 0.00	44.36 0.18 0.00	37.07 0.18 0.00	39.71 0.18 0.00	42.11 0.20 0.00	59.13 0.28 0.00	64.50 0.26 0.00	117.05 0.47 0.00	64.18 0.25 0.00	50.58 0.20 0.00	43.38 0.17 0.00	34.90 0.14 0.00	35.64 0.16 0.00	35.41 0.15 0.00
WESTERN_NY_WIND 24143	41.99 -0.13 0.00	39.70 -0.18 0.00	43.41 0.55 0.00	41.62 0.90 0.00	44.40 1.27 0.00	50.18 1.27 0.00	91.46 2.39 0.00	93.55 2.18 0.00	53.94 0.58 0.00	42.49 0.26 0.00	48.96 0.43 0.00	44.13 -0.05 0.00	36.29 -0.60 0.00	38.79 -0.74 0.00	41.14 -0.77 0.00	58.72 -0.12 0.00	64.51 0.27 0.00	116.58 -0.01 0.00	63.91 -0.02 0.00	49.83 -0.55 0.00	42.02 -1.23 -0.05	34.03 -1.30 -0.58	35.22 -1.17 -0.91	35.99 -0.54 -1.28
WESTOVER___LESR 323668	41.69 -0.43 0.00	39.50 -0.39 0.00	42.50 -0.36 0.00	40.57 -0.15 0.00	43.09 -0.04 0.00	48.87 -0.05 0.00	88.82 -0.25 0.00	91.19 -0.18 0.00	52.95 -0.41 0.00	41.49 -0.74 0.00	48.15 -0.38 0.00	43.42 -0.76 0.00	36.09 -0.80 0.00	39.17 -0.37 0.00	41.81 -0.10 0.00	58.91 0.06 0.00	64.28 0.03 0.00	116.33 -0.25 0.00	63.89 -0.04 0.00	50.24 -0.14 0.00	42.93 -0.40 -0.11	35.65 -0.47 -1.36	37.18 -0.45 -2.15	37.88 -0.39 -3.01
WETHRSFD_WT_PWR 323626	39.88 -2.24 0.00	37.94 -1.95 0.00	41.50 -1.36 0.00	39.98 -0.74 0.00	42.86 -0.27 0.00	48.75 -0.17 0.00	87.99 -1.08 0.00	89.83 -1.54 0.00	52.21 -1.15 0.00	41.25 -0.98 0.00	48.12 -0.42 0.00	43.31 -0.87 0.00	35.77 -1.12 0.00	38.39 -1.15 0.00	40.70 -1.20 0.00	57.88 -0.96 0.00	63.29 -0.96 0.00	114.25 -2.34 0.00	62.32 -1.60 0.00	48.32 -2.06 0.00	40.50 -2.77 -0.07	32.81 -2.74 -0.80	34.11 -2.62 -1.25	34.88 -2.14 -1.76
WHAVSTOR_138KV_BK127 55557	43.93 1.81 0.00	41.49 1.60 0.00	44.40 1.54 0.00	42.15 1.43 0.00	44.54 1.41 0.00	50.61 1.70 0.00	92.18 3.11 0.00	94.64 3.26 0.00	55.16 1.80 0.00	43.83 1.60 0.00	50.49 1.96 0.00	46.16 1.97 0.00	38.58 1.68 0.00	41.40 1.87 0.00	40.52 1.93 3.32	61.09 2.24 0.00	66.60 2.35 0.00	121.45 4.86 0.00	66.67 2.74 0.00	52.66 2.28 0.00	45.46 1.91 -0.33	40.33 1.59 -3.99	43.49 1.72 -6.30	45.65 1.58 -8.82
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.93 1.81 0.00	41.49 1.60 0.00	44.40 1.54 0.00	42.15 1.43 0.00	44.54 1.41 0.00	50.61 1.70 0.00	92.18 3.11 0.00	94.64 3.26 0.00	55.16 1.80 0.00	43.83 1.60 0.00	50.49 1.96 0.00	46.16 1.97 0.00	38.58 1.68 0.00	41.40 1.87 0.00	40.52 1.93 3.32	61.09 2.24 0.00	66.60 2.35 0.00	121.45 4.86 0.00	66.67 2.74 0.00	52.66 2.28 0.00	45.46 1.91 -0.33	40.33 1.59 -3.99	43.49 1.72 -6.30	45.65 1.58 -8.82
WHITEHAL_115KV_TB1 80871	45.97 3.85 0.00	43.37 3.48 0.00	46.51 3.65 0.00	44.11 3.39 0.00	46.82 3.69 0.00	53.77 4.85 0.00	99.14 10.08 0.00	100.22 8.85 0.00	58.69 5.34 0.00	45.66 3.42 0.00	51.58 3.05 0.00	47.96 3.78 0.00	40.19 3.29 0.00	42.76 3.23 0.00	45.96 4.06 0.00	64.19 5.34 0.00	70.92 6.68 0.00	128.19 11.60 0.00	70.21 6.28 0.00	54.72 4.34 0.00	47.73 4.09 -0.43	43.16 3.21 -5.19	46.94 3.27 -8.19	50.41 3.68 -11.47
WHITEPLN_13_KV_LOAD 356215	44.49 2.37 0.00	42.00 2.11 0.00	44.95 2.08 0.00	42.64 1.93 0.00	45.07 1.94 0.00	51.24 2.32 0.00	93.39 4.32 0.00	96.06 4.69 0.00	56.08 2.73 0.00	44.55 2.32 0.00	51.30 2.77 0.00	46.88 2.69 0.00	39.18 2.29 0.00	42.07 2.53 0.00	46.61 2.69 -2.02	62.22 3.37 0.00	67.84 3.60 0.00	123.70 7.11 0.00	67.91 3.98 0.00	53.62 3.24 0.00	46.24 2.68 -0.34	41.03 2.18 -4.10	44.21 2.26 -6.47	46.41 2.09 -9.06
WM_FLOYD_69_KV_BK2 356380	44.99 2.87 0.00	42.25 2.36 0.00	45.14 2.28 0.00	42.57 1.86 0.00	44.73 1.61 0.00	50.25 1.33 0.00	92.75 1.82 -1.86	97.43 1.97 -4.09	54.54 1.18 0.00	43.59 1.36 0.00	50.66 2.13 0.00	46.21 2.03 0.00	38.68 1.79 0.00	41.63 2.09 0.00	46.06 2.29 -1.87	64.63 2.37 -3.41	71.95 2.96 -4.74	128.43 4.93 -6.91	127.91 3.87 -60.12	53.71 3.33 0.00	46.26 2.63 -0.43	41.28 2.32 -4.21	44.56 2.59 -6.49	46.81 2.47 -9.08
WOODARD___115KV_TB2 355635	41.18 -0.93 0.00	38.98 -0.90 0.00	41.99 -0.87 0.00	39.95 -0.77 0.00	42.39 -0.74 0.00	48.09 -0.83 0.00	87.54 -1.53 0.00	89.84 -1.53 0.00	52.38 -0.97 0.00	41.36 -0.87 0.00	47.66 -0.87 0.00	43.22 -0.96 0.00	35.99 -0.90 0.00	38.64 -0.90 0.00	41.03 -0.87 0.00	57.82 -1.02 0.00	63.23 -1.02 0.00	114.74 -1.85 0.00	62.93 -1.00 0.00	49.49 -0.89 0.00	42.33 -0.91 -0.03	34.39 -0.75 -0.39	35.29 -0.79 -0.61	35.36 -0.75 -0.85
WOODMERE_69_KV_BK1 55827	44.80 2.69 0.00	42.14 2.25 0.00	45.05 2.19 0.00	42.63 1.92 0.00	44.88 1.75 0.00	50.74 1.82 0.00	91.97 2.91 0.00	94.71 3.34 0.00	55.43 2.07 0.00	44.28 2.05 0.00	51.30 2.77 0.00	46.83 2.64 0.00	39.16 2.27 0.00	42.14 2.61 0.00	46.42 2.64 -1.87	61.83 2.99 0.00	67.33 3.08 0.00	123.33 5.75 -0.99	141.51 3.86 -73.72	53.68 3.30 0.00	46.25 2.69 -0.34	41.53 2.53 -4.25	44.71 2.74 -6.50	46.89 2.55 -9.08
YORK___WARBASSE 23770	44.31 2.20 0.00	41.83 1.94 0.00	44.72 1.86 0.00	42.45 1.73 0.00	44.84 1.71 0.00	51.02 2.09 0.00	92.99 3.93 0.00	95.76 4.39 0.00	55.98 2.62 0.00	44.48 2.25 0.00	51.15 2.61 0.00	46.80 2.62 0.00	39.15 2.26 0.00	42.02 2.48 0.00	46.54 2.65 -1.98	62.08 3.23 0.00	67.52 3.27 0.00	124.47 6.94 -0.95	67.65 3.72 0.00	53.49 3.11 0.00	46.16 2.61 -0.34	41.00 2.14 -4.11	44.18 2.21 -6.48	46.34 2.01 -9.08