

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/01/2025

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	51.10	55.25	52.70	48.53	47.16	52.82	63.01	155.85	113.56	53.68	60.44	65.36	52.58	60.52	77.01	86.99	106.42	92.35	89.15	89.72	83.75	85.22	99.63	89.67
24138	2.10	2.11	1.96	1.72	1.56	1.79	2.43	5.13	2.59	1.19	1.46	2.22	2.01	2.18	2.52	2.74	3.98	3.39	2.97	2.99	2.50	2.47	2.95	2.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	51.17	55.32	52.78	48.59	47.25	52.91	63.11	156.09	113.73	53.77	60.51	65.41	52.68	60.58	77.09	87.09	106.54	92.37	89.22	89.82	83.87	85.36	99.78	89.78
24260	2.17	2.19	2.05	1.79	1.65	1.88	2.52	5.37	2.76	1.27	1.53	2.26	2.11	2.24	2.61	2.85	4.11	3.40	3.03	3.09	2.61	2.62	3.10	2.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.17	55.32	52.78	48.59	47.25	52.91	63.11	156.09	113.73	53.77	60.51	65.41	52.68	60.58	77.09	87.09	106.54	92.37	89.22	89.82	83.87	85.36	99.78	89.78
24261	2.17	2.19	2.05	1.79	1.65	1.88	2.52	5.37	2.76	1.27	1.53	2.26	2.11	2.24	2.61	2.85	4.11	3.40	3.03	3.09	2.61	2.62	3.10	2.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	52.68	57.10	54.44	49.99	48.45	54.31	64.38	158.05	115.42	53.94	60.50	64.87	52.08	60.43	77.46	88.18	108.08	93.54	90.95	91.90	86.37	87.78	102.41	92.30
24011	3.67	3.97	3.71	3.19	2.85	3.28	3.79	7.32	4.45	1.45	1.52	1.72	1.52	2.09	2.97	3.93	5.65	4.58	4.77	5.17	5.12	5.03	5.73	5.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	53.02	57.47	54.78	50.29	48.71	54.68	64.90	159.01	116.00	54.12	60.68	65.05	52.25	60.75	77.92	88.78	109.10	94.29	91.81	92.87	87.35	88.72	103.40	93.11
23798	4.01	4.33	4.04	3.49	3.11	3.65	4.31	8.29	5.03	1.63	1.70	1.90	1.69	2.40	3.44	4.53	6.66	5.33	5.62	6.14	6.09	5.97	6.72	5.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	52.68	57.10	54.44	49.99	48.45	54.31	64.38	158.05	115.42	53.94	60.50	64.87	52.08	60.43	77.46	88.18	108.08	93.54	90.95	91.90	86.37	87.78	102.41	92.30
24028	3.67	3.97	3.71	3.19	2.85	3.28	3.79	7.32	4.45	1.45	1.52	1.72	1.52	2.09	2.97	3.93	5.65	4.58	4.77	5.17	5.12	5.03	5.73	5.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	51.90	56.28	53.69	49.47	47.94	53.60	63.44	154.80	113.01	53.13	60.01	64.43	51.79	60.05	76.56	86.85	105.74	91.72	89.01	90.02	84.90	86.62	101.35	91.57
23527	2.89	3.15	2.95	2.66	2.34	2.57	2.85	4.08	2.03	0.64	1.03	1.29	1.23	1.70	2.08	2.60	3.31	2.76	2.83	3.29	3.64	3.87	4.67	4.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	49.95	54.14	51.74	47.69	46.28	51.60	61.20	150.75	110.48	52.09	58.51	62.88	50.57	58.36	74.24	84.05	102.51	89.02	86.07	86.82	81.43	83.07	97.19	87.81
24190	0.95	1.01	1.01	0.89	0.68	0.56	0.61	0.03	-0.49	-0.40	-0.46	-0.26	0.01	0.02	-0.24	-0.19	0.08	0.05	-0.11	0.09	0.18	0.33	0.51	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	49.61	53.73	51.30	47.40	46.34	51.95	61.74	153.84	112.84	53.35	60.12	64.49	51.63	59.73	76.24	85.96	103.83	90.12	87.48	87.98	82.07	83.75	97.58	88.44
355683	0.61	0.59	0.56	0.60	0.74	0.92	1.15	3.12	1.87	0.86	1.14	1.34	1.07	1.39	1.75	1.71	1.40	1.16	1.30	1.25	0.81	1.00	0.90	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	50.70	54.98	52.50	48.40	47.00	52.49	62.31	153.83	112.35	52.66	59.09	63.55	51.07	58.97	75.31	85.53	104.47	90.80	87.86	88.62	83.09	84.78	99.18	89.58
323833	1.69	1.85	1.77	1.59	1.41	1.46	1.72	3.11	1.38	0.17	0.12	0.41	0.50	0.63	0.83	1.28	2.03	1.83	1.68	1.89	1.84	2.03	2.50	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	50.69	54.96	52.48	48.39	46.99	52.49	62.29	153.75	112.31	52.66	59.09	63.54	51.06	58.96	75.30	85.52	104.43	90.77	87.85	88.59	83.07	84.75	99.14	89.57
323834	1.68	1.82	1.75	1.59	1.39	1.46	1.70	3.03	1.34	0.17	0.12	0.40	0.50	0.61	0.81	1.28	1.99	1.81	1.66	1.86	1.81	2.00	2.46	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	49.95	54.14	51.74	47.69	46.28	51.60	61.20	150.75	110.48	52.09	58.51	62.88	50.57	58.36	74.24	84.05	102.51	89.02	86.07	86.82	81.43	83.07	97.19	87.81
23571	0.95	1.01	1.01	0.89	0.68	0.56	0.61	0.03	-0.49	-0.40	-0.46	-0.26	0.01	0.02	-0.24	-0.19	0.08	0.05	-0.11	0.09	0.18	0.33	0.51	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	49.95 0.95 0.00	54.14 1.01 0.00	51.74 1.01 0.00	47.69 0.89 0.00	46.28 0.68 0.00	51.60 0.56 0.00	61.20 0.61 0.00	150.75 0.03 0.00	110.48 -0.49 0.00	52.09 -0.40 0.00	58.51 -0.46 0.00	62.88 -0.26 0.00	50.57 0.01 0.00	58.36 0.02 0.00	74.24 -0.24 0.00	84.05 -0.19 0.00	102.51 0.08 0.00	89.02 0.05 0.00	86.07 -0.11 0.00	86.82 0.09 0.00	81.43 0.18 0.00	83.07 0.33 0.00	97.19 0.51 0.00	87.81 0.53 0.00
ALBANY___3 23573	49.95 0.95 0.00	54.14 1.01 0.00	51.74 1.01 0.00	47.69 0.89 0.00	46.28 0.68 0.00	51.60 0.56 0.00	61.20 0.61 0.00	150.75 0.03 0.00	110.48 -0.49 0.00	52.09 -0.40 0.00	58.51 -0.46 0.00	62.88 -0.26 0.00	50.57 0.01 0.00	58.36 0.02 0.00	74.24 -0.24 0.00	84.05 -0.19 0.00	102.51 0.08 0.00	89.02 0.05 0.00	86.07 -0.11 0.00	86.82 0.09 0.00	81.43 0.18 0.00	83.07 0.33 0.00	97.19 0.51 0.00	87.81 0.53 0.00
ALBANY___4 23574	49.95 0.95 0.00	54.14 1.01 0.00	51.74 1.01 0.00	47.69 0.89 0.00	46.28 0.68 0.00	51.60 0.56 0.00	61.20 0.61 0.00	150.75 0.03 0.00	110.48 -0.49 0.00	52.09 -0.40 0.00	58.51 -0.46 0.00	62.88 -0.26 0.00	50.57 0.01 0.00	58.36 0.02 0.00	74.24 -0.24 0.00	84.05 -0.19 0.00	102.51 0.08 0.00	89.02 0.05 0.00	86.07 -0.11 0.00	86.82 0.09 0.00	81.43 0.18 0.00	83.07 0.33 0.00	97.19 0.51 0.00	87.81 0.53 0.00
ALBANY___LFGE 323615	50.41 1.41 0.00	54.64 1.51 0.00	52.19 1.46 0.00	48.11 1.31 0.00	46.70 1.11 0.00	52.09 1.06 0.00	61.80 1.22 0.00	152.40 1.68 0.00	111.67 0.70 0.00	52.62 0.13 0.00	59.12 0.14 0.00	63.53 0.39 0.00	51.08 0.52 0.00	58.97 0.63 0.00	75.12 0.64 0.00	85.10 0.85 0.00	103.80 1.36 0.00	90.13 1.17 0.00	87.11 0.92 0.00	87.88 1.15 0.00	82.40 1.14 0.00	84.03 1.29 0.00	98.24 1.56 0.00	88.73 1.45 0.00
ALCOA_PA_115KV_PL-6C 55860	49.88 0.87 0.00	54.04 0.90 0.00	51.62 0.88 0.00	47.71 0.91 0.00	46.65 1.05 0.00	52.30 1.27 0.00	62.17 1.58 0.00	154.89 4.17 0.00	113.75 2.78 0.00	53.73 1.24 0.00	60.53 1.55 0.00	64.93 1.78 0.00	51.99 1.42 0.00	60.14 1.80 0.00	76.68 2.19 0.00	86.56 2.31 0.00	105.18 2.75 0.00	91.49 2.52 0.00	88.50 2.31 0.00	88.94 2.21 0.00	83.23 1.97 0.00	84.38 1.64 0.00	98.95 2.26 0.00	89.66 2.38 0.00
ALCOA_RYNLDS___DRP 24188	49.88 0.87 0.00	54.04 0.90 0.00	51.62 0.88 0.00	47.71 0.91 0.00	46.65 1.05 0.00	52.30 1.27 0.00	62.17 1.58 0.00	154.89 4.17 0.00	113.75 2.78 0.00	53.73 1.24 0.00	60.53 1.55 0.00	64.93 1.78 0.00	51.99 1.42 0.00	60.14 1.80 0.00	76.68 2.19 0.00	86.56 2.31 0.00	105.18 2.75 0.00	91.49 2.52 0.00	88.50 2.31 0.00	88.94 2.21 0.00	83.23 1.97 0.00	84.38 1.64 0.00	98.95 2.26 0.00	89.66 2.38 0.00
ALCOA___DSASP 323711	49.88 0.87 0.00	54.04 0.90 0.00	51.62 0.88 0.00	47.71 0.91 0.00	46.65 1.05 0.00	52.30 1.27 0.00	62.17 1.58 0.00	154.89 4.17 0.00	113.75 2.78 0.00	53.73 1.24 0.00	60.53 1.55 0.00	64.93 1.78 0.00	51.99 1.42 0.00	60.14 1.80 0.00	76.68 2.19 0.00	86.56 2.31 0.00	105.18 2.75 0.00	91.49 2.52 0.00	88.50 2.31 0.00	88.94 2.21 0.00	83.23 1.97 0.00	84.38 1.64 0.00	98.95 2.26 0.00	89.66 2.38 0.00
ALLEGHENY___COGEN 23514	49.11 0.10 0.00	53.45 0.32 0.00	51.12 0.38 0.00	47.46 0.66 0.00	46.50 0.91 0.00	52.19 1.16 0.00	62.36 1.77 0.00	157.57 6.85 0.00	122.19 11.21 0.00	57.20 4.71 0.00	62.86 3.88 0.00	66.95 3.81 0.00	53.90 3.34 0.00	62.41 4.07 0.00	80.01 5.53 0.00	89.19 4.94 0.00	108.71 6.28 0.00	95.83 6.87 0.00	92.87 6.69 0.00	93.05 6.32 0.00	86.24 4.98 0.00	86.99 4.25 0.00	99.35 2.67 0.00	88.78 1.51 0.00
ALTAMONT_115KV_TB 2 55880	50.01 1.01 0.00	54.27 1.13 0.00	51.83 1.09 0.00	47.75 0.95 0.00	46.35 0.76 0.00	51.75 0.72 0.00	61.44 0.85 0.00	151.79 1.07 0.00	111.18 0.20 0.00	52.40 -0.09 0.00	58.85 -0.13 0.00	63.26 0.12 0.00	50.82 0.26 0.00	58.61 0.27 0.00	74.70 0.22 0.00	84.57 0.33 0.00	103.08 0.65 0.00	89.48 0.51 0.00	86.64 0.45 0.00	87.34 0.60 0.00	81.86 0.60 0.00	83.47 0.72 0.00	97.66 0.97 0.00	88.20 0.92 0.00
ALTONA_WT_PWR 323606	49.18 0.17 0.00	52.99 -0.14 0.00	50.36 -0.37 0.00	46.42 -0.39 0.00	45.37 -0.22 0.00	51.15 0.11 0.00	60.85 0.26 0.00	152.38 1.66 0.00	111.94 0.96 0.00	52.97 0.48 0.00	59.90 0.93 0.00	64.35 1.20 0.00	51.70 1.14 0.00	59.96 1.62 0.00	76.96 2.47 0.00	87.16 2.92 0.00	105.99 3.55 0.00	92.28 3.32 0.00	89.36 3.17 0.00	90.08 3.35 0.00	84.54 3.28 0.00	85.84 3.09 0.00	100.46 3.77 0.00	90.80 3.52 0.00
AMERICAN_REF_FUEL 24010	46.38 -2.63 0.00	50.44 -2.70 0.00	48.32 -2.42 0.00	45.00 -1.81 0.00	44.10 -1.49 0.00	48.73 -2.30 0.00	57.00 -3.59 0.00	142.55 -8.17 0.00	106.30 -4.68 0.00	51.41 -1.08 0.00	57.67 -1.30 0.00	62.33 -0.81 0.00	49.95 -0.61 0.00	57.89 -0.46 0.00	73.64 -0.84 0.00	82.05 -2.20 0.00	98.18 -4.26 0.00	85.12 -3.85 0.00	82.45 -3.74 0.00	82.47 -4.26 0.00	77.85 -3.40 0.00	79.54 -3.20 0.00	91.86 -4.82 0.00	82.95 -4.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.72 -3.29 0.00	49.96 -3.18 0.00	47.99 -2.74 0.00	45.13 -1.68 0.00	44.27 -1.32 0.00	49.50 -1.53 0.00	58.92 -1.67 0.00	148.82 -1.91 0.00	110.54 -0.43 0.00	52.86 0.37 0.00	59.30 0.32 0.00	64.17 1.03 0.00	51.51 0.95 0.00	59.53 1.19 0.00	76.25 1.77 0.00	85.81 1.56 0.00	102.60 0.16 0.00	89.08 0.11 0.00	86.75 0.57 0.00	87.09 0.36 0.00	81.39 0.13 0.00	82.94 0.20 0.00	95.64 -1.04 0.00	87.08 -0.19 0.00
ARTHUR KILL_GT_1 23520	51.00 2.00 0.00	55.18 2.04 0.00	52.65 1.92 0.00	48.48 1.68 0.00	47.17 1.57 0.00	52.85 1.82 0.00	63.04 2.45 0.00	155.98 5.26 0.00	113.44 2.46 0.00	53.40 0.90 0.00	59.98 1.01 0.00	64.67 1.53 0.00	52.19 1.63 0.00	59.99 1.65 0.00	75.91 1.42 0.00	86.19 1.94 0.00	105.77 3.33 0.00	91.94 2.97 0.00	88.72 2.53 0.00	89.41 2.68 0.00	83.62 2.36 0.00	85.16 2.41 0.00	99.32 2.64 0.00	89.36 2.09 0.00
ARTHUR_KILL_2 23512	50.85 1.85 0.00	55.01 1.88 0.00	52.48 1.75 0.00	48.33 1.53 0.00	47.04 1.44 0.00	52.67 1.64 0.00	62.84 2.25 0.00	155.45 4.73 0.00	113.03 2.06 0.00	53.24 0.75 0.00	59.83 0.85 0.00	64.51 1.37 0.00	52.06 1.49 0.00	59.85 1.51 0.00	75.69 1.21 0.00	85.92 1.68 0.00	105.40 2.97 0.00	91.62 2.65 0.00	88.40 2.22 0.00	89.11 2.38 0.00	83.31 2.05 0.00	84.87 2.13 0.00	98.99 2.30 0.00	89.05 1.78 0.00
ARTHUR_KILL_3 23513	50.71 1.71 0.00	54.84 1.70 0.00	52.32 1.58 0.00	48.17 1.36 0.00	46.84 1.25 0.00	52.44 1.41 0.00	62.54 1.96 0.00	154.60 3.88 0.00	112.59 1.61 0.00	53.17 0.68 0.00	59.80 0.82 0.00	64.65 1.50 0.00	52.06 1.49 0.00	59.87 1.53 0.00	76.09 1.61 0.00	85.88 1.64 0.00	105.15 2.71 0.00	91.17 2.20 0.00	88.03 1.85 0.00	88.65 1.92 0.00	82.78 1.53 0.00	84.27 1.52 0.00	98.52 1.83 0.00	88.71 1.43 0.00

ARTHUR_KILL_COGEN 323718	51.00 2.00 0.00	55.18 2.04 0.00	52.65 1.92 0.00	48.48 1.68 0.00	47.18 1.58 0.00	52.85 1.82 0.00	63.04 2.45 0.00	155.97 5.25 0.00	113.44 2.46 0.00	53.40 0.90 0.00	59.98 1.00 0.00	64.67 1.53 0.00	52.19 1.63 0.00	60.00 1.65 0.00	75.91 1.42 0.00	86.19 1.94 0.00	105.76 3.33 0.00	91.93 2.96 0.00	88.72 2.54 0.00	89.41 2.68 0.00	83.62 2.37 0.00	85.16 2.41 0.00	99.30 2.62 0.00	89.32 2.05 0.00
ASHOKAN____ 23654	51.32 2.31 0.00	55.58 2.44 0.00	53.04 2.31 0.00	48.91 2.11 0.00	47.48 1.89 0.00	53.18 2.14 0.00	63.59 3.00 0.00	157.59 6.87 0.00	115.04 4.06 0.00	53.85 1.36 0.00	60.05 1.07 0.00	64.37 1.22 0.00	51.70 1.14 0.00	59.71 1.37 0.00	76.54 2.06 0.00	87.41 3.16 0.00	107.34 4.91 0.00	93.42 4.45 0.00	90.58 4.39 0.00	91.28 4.55 0.00	85.28 4.02 0.00	86.75 4.00 0.00	101.20 4.52 0.00	91.07 3.79 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.73 1.73 0.00	54.95 1.82 0.00	52.47 1.74 0.00	48.24 1.44 0.00	46.94 1.34 0.00	52.55 1.52 0.00	62.48 1.89 0.00	154.64 3.92 0.00	112.54 1.57 0.00	53.18 0.68 0.00	60.00 1.02 0.00	64.74 1.60 0.00	52.33 1.76 0.00	60.01 1.67 0.00	76.18 1.70 0.00	86.19 1.94 0.00	105.30 2.86 0.00	91.48 2.52 0.00	88.19 2.01 0.00	88.79 2.05 0.00	82.88 1.62 0.00	84.51 1.76 0.00	98.96 2.28 0.00	89.02 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.73 1.73 0.00	54.95 1.82 0.00	52.47 1.74 0.00	48.24 1.44 0.00	46.94 1.34 0.00	52.55 1.52 0.00	62.48 1.89 0.00	154.64 3.92 0.00	112.54 1.57 0.00	53.18 0.68 0.00	60.00 1.02 0.00	64.74 1.60 0.00	52.33 1.76 0.00	60.01 1.67 0.00	76.18 1.70 0.00	86.20 1.95 0.00	105.30 2.86 0.00	91.48 2.52 0.00	88.19 2.01 0.00	88.79 2.05 0.00	82.88 1.62 0.00	84.51 1.76 0.00	98.96 2.28 0.00	89.02 1.74 0.00
ASTORIA_GT2_1 24094	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT2_2 24095	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT2_3 24096	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT2_4 24097	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT3_1 24098	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT3_2 24099	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT3_3 24100	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT3_4 24101	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT4_1 24102	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT4_2 24103	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT4_3 24104	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00

ASTORIA_GT4_4 24105	50.75 1.75 0.00	54.99 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.67 3.95 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.04 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.05 1.71 0.00	76.24 1.76 0.00	86.24 1.99 0.00	105.33 2.90 0.00	91.52 2.55 0.00	88.22 2.03 0.00	88.84 2.10 0.00	82.92 1.67 0.00	84.55 1.80 0.00	99.01 2.33 0.00	89.07 1.80 0.00
ASTORIA_GT_1 23523	50.83 1.83 0.00	55.06 1.93 0.00	52.58 1.85 0.00	48.34 1.54 0.00	47.03 1.44 0.00	52.67 1.64 0.00	62.64 2.05 0.00	154.98 4.26 0.00	112.87 1.90 0.00	53.34 0.85 0.00	60.16 1.18 0.00	64.93 1.79 0.00	52.47 1.91 0.00	60.19 1.84 0.00	76.41 1.92 0.00	86.43 2.19 0.00	105.61 3.17 0.00	91.72 2.75 0.00	88.43 2.24 0.00	89.03 2.30 0.00	83.10 1.84 0.00	84.73 1.98 0.00	99.20 2.52 0.00	89.24 1.96 0.00
ASTORIA_GT_10 24110	50.91 1.91 0.00	55.07 1.94 0.00	52.55 1.82 0.00	48.37 1.56 0.00	47.00 1.40 0.00	52.64 1.60 0.00	62.65 2.06 0.00	154.94 4.21 0.00	112.89 1.92 0.00	53.35 0.86 0.00	60.10 1.12 0.00	64.86 1.71 0.00	52.31 1.75 0.00	60.11 1.77 0.00	76.35 1.86 0.00	86.28 2.04 0.00	105.56 3.13 0.00	91.57 2.60 0.00	88.38 2.19 0.00	88.97 2.24 0.00	83.05 1.80 0.00	84.58 1.83 0.00	98.93 2.25 0.00	89.07 1.79 0.00
ASTORIA_GT_11 24225	50.91 1.91 0.00	55.07 1.94 0.00	52.55 1.82 0.00	48.37 1.56 0.00	47.00 1.40 0.00	52.64 1.60 0.00	62.65 2.06 0.00	154.94 4.21 0.00	112.89 1.92 0.00	53.35 0.86 0.00	60.10 1.12 0.00	64.86 1.71 0.00	52.31 1.75 0.00	60.11 1.77 0.00	76.35 1.86 0.00	86.28 2.04 0.00	105.56 3.13 0.00	91.57 2.60 0.00	88.38 2.19 0.00	88.97 2.24 0.00	83.05 1.80 0.00	84.58 1.83 0.00	98.93 2.25 0.00	89.07 1.79 0.00
ASTORIA_GT_12 24226	50.91 1.91 0.00	55.07 1.94 0.00	52.55 1.82 0.00	48.37 1.56 0.00	47.00 1.40 0.00	52.64 1.60 0.00	62.65 2.06 0.00	154.94 4.21 0.00	112.89 1.92 0.00	53.35 0.86 0.00	60.10 1.12 0.00	64.86 1.71 0.00	52.31 1.75 0.00	60.11 1.77 0.00	76.35 1.86 0.00	86.28 2.04 0.00	105.56 3.13 0.00	91.57 2.60 0.00	88.38 2.19 0.00	88.97 2.24 0.00	83.05 1.80 0.00	84.58 1.83 0.00	98.93 2.25 0.00	89.07 1.79 0.00
ASTORIA_GT_13 24227	50.91 1.91 0.00	55.07 1.94 0.00	52.55 1.82 0.00	48.37 1.56 0.00	47.00 1.40 0.00	52.64 1.60 0.00	62.65 2.06 0.00	154.94 4.21 0.00	112.89 1.92 0.00	53.35 0.86 0.00	60.10 1.12 0.00	64.86 1.71 0.00	52.31 1.75 0.00	60.11 1.77 0.00	76.35 1.86 0.00	86.28 2.04 0.00	105.56 3.13 0.00	91.57 2.60 0.00	88.38 2.19 0.00	88.97 2.24 0.00	83.05 1.80 0.00	84.58 1.83 0.00	98.93 2.25 0.00	89.07 1.79 0.00
ASTORIA_GT_5 24106	50.83 1.83 0.00	55.06 1.93 0.00	52.58 1.85 0.00	48.34 1.54 0.00	47.03 1.44 0.00	52.67 1.64 0.00	62.64 2.05 0.00	154.98 4.26 0.00	112.87 1.90 0.00	53.34 0.85 0.00	60.16 1.18 0.00	64.93 1.79 0.00	52.47 1.91 0.00	60.19 1.84 0.00	76.41 1.92 0.00	86.43 2.19 0.00	105.61 3.17 0.00	91.72 2.75 0.00	88.43 2.24 0.00	89.03 2.30 0.00	83.10 1.84 0.00	84.73 1.98 0.00	99.20 2.52 0.00	89.24 1.96 0.00
ASTORIA_GT_7 24107	50.83 1.83 0.00	55.06 1.93 0.00	52.58 1.85 0.00	48.34 1.54 0.00	47.03 1.44 0.00	52.67 1.64 0.00	62.64 2.05 0.00	154.98 4.26 0.00	112.87 1.90 0.00	53.34 0.85 0.00	60.16 1.18 0.00	64.93 1.79 0.00	52.47 1.91 0.00	60.19 1.84 0.00	76.41 1.92 0.00	86.43 2.19 0.00	105.61 3.17 0.00	91.72 2.75 0.00	88.43 2.24 0.00	89.03 2.30 0.00	83.10 1.84 0.00	84.73 1.98 0.00	99.20 2.52 0.00	89.24 1.96 0.00
ASTORIA_GT_8 24108	50.83 1.83 0.00	55.06 1.93 0.00	52.58 1.85 0.00	48.34 1.54 0.00	47.03 1.44 0.00	52.67 1.64 0.00	62.64 2.05 0.00	154.98 4.26 0.00	112.87 1.90 0.00	53.34 0.85 0.00	60.16 1.18 0.00	64.93 1.79 0.00	52.47 1.91 0.00	60.19 1.84 0.00	76.41 1.92 0.00	86.43 2.19 0.00	105.61 3.17 0.00	91.72 2.75 0.00	88.43 2.24 0.00	89.03 2.30 0.00	83.10 1.84 0.00	84.73 1.98 0.00	99.20 2.52 0.00	89.24 1.96 0.00
ASTORIA___2 24149	50.75 1.75 0.00	54.98 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.97 1.38 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.69 3.97 0.00	112.65 1.67 0.00	53.22 0.72 0.00	60.03 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.04 1.70 0.00	76.24 1.76 0.00	86.23 1.99 0.00	105.34 2.91 0.00	91.51 2.54 0.00	88.22 2.03 0.00	88.83 2.10 0.00	82.94 1.68 0.00	84.55 1.80 0.00	98.99 2.31 0.00	89.06 1.79 0.00
ASTORIA___3 23516	50.91 1.91 0.00	55.07 1.93 0.00	52.54 1.81 0.00	48.36 1.56 0.00	47.01 1.41 0.00	52.64 1.61 0.00	62.64 2.05 0.00	154.95 4.23 0.00	112.89 1.92 0.00	53.36 0.86 0.00	60.10 1.12 0.00	64.86 1.71 0.00	52.31 1.74 0.00	60.11 1.77 0.00	76.35 1.86 0.00	86.28 2.04 0.00	105.56 3.13 0.00	91.57 2.60 0.00	88.37 2.19 0.00	88.97 2.24 0.00	83.06 1.80 0.00	84.58 1.84 0.00	98.92 2.24 0.00	89.06 1.78 0.00
ASTORIA___4 23517	50.91 1.91 0.00	55.07 1.93 0.00	52.54 1.81 0.00	48.37 1.56 0.00	47.00 1.40 0.00	52.64 1.60 0.00	62.65 2.06 0.00	154.94 4.21 0.00	112.89 1.92 0.00	53.35 0.86 0.00	60.10 1.12 0.00	64.86 1.71 0.00	52.30 1.74 0.00	60.11 1.77 0.00	76.35 1.86 0.00	86.28 2.04 0.00	105.56 3.13 0.00	91.57 2.60 0.00	88.38 2.19 0.00	88.97 2.24 0.00	83.05 1.80 0.00	84.58 1.83 0.00	98.93 2.25 0.00	89.07 1.79 0.00
ASTORIA___5 23518	50.75 1.75 0.00	54.98 1.85 0.00	52.49 1.75 0.00	48.26 1.46 0.00	46.97 1.38 0.00	52.58 1.55 0.00	62.51 1.92 0.00	154.69 3.97 0.00	112.62 1.65 0.00	53.22 0.72 0.00	60.03 1.06 0.00	64.78 1.63 0.00	52.35 1.79 0.00	60.04 1.70 0.00	76.24 1.76 0.00	86.22 1.97 0.00	105.34 2.91 0.00	91.51 2.54 0.00	88.22 2.03 0.00	88.83 2.10 0.00	82.93 1.67 0.00	84.55 1.80 0.00	98.99 2.31 0.00	89.06 1.79 0.00
AST_ENERGY_2_CC3 323677	50.17 1.17 0.00	54.36 1.23 0.00	52.04 1.31 0.00	47.70 0.90 0.00	46.43 0.83 0.00	51.97 0.94 0.00	61.82 1.23 0.00	152.91 2.19 0.00	111.32 0.35 0.00	52.59 0.10 0.00	59.33 0.35 0.00	64.00 0.85 0.00	51.77 1.21 0.00	59.33 0.99 0.00	75.32 0.84 0.00	85.21 0.97 0.00	104.12 1.68 0.00	90.45 1.48 0.00	87.19 1.01 0.00	87.81 1.07 0.00	81.97 0.71 0.00	83.57 0.82 0.00	97.85 1.17 0.00	88.04 0.76 0.00
AST_ENERGY_2_CC4 323678	50.17 1.17 0.00	54.36 1.23 0.00	52.04 1.31 0.00	47.70 0.90 0.00	46.43 0.83 0.00	51.97 0.94 0.00	61.82 1.23 0.00	152.91 2.19 0.00	111.32 0.35 0.00	52.59 0.10 0.00	59.33 0.35 0.00	64.00 0.85 0.00	51.77 1.21 0.00	59.33 0.99 0.00	75.32 0.84 0.00	85.21 0.97 0.00	104.12 1.68 0.00	90.45 1.48 0.00	87.19 1.01 0.00	87.81 1.07 0.00	81.97 0.71 0.00	83.57 0.82 0.00	97.85 1.17 0.00	88.04 0.76 0.00

ATHENS_STG_1 23668	50.13 1.13 0.00	54.42 1.28 0.00	51.95 1.22 0.00	47.82 1.02 0.00	46.43 0.83 0.00	51.84 0.81 0.00	61.62 1.03 0.00	152.26 1.54 0.00	111.37 0.39 0.00	52.52 0.03 0.00	59.01 0.03 0.00	63.53 0.39 0.00	51.08 0.51 0.00	58.83 0.49 0.00	74.88 0.40 0.00	84.70 0.46 0.00	103.27 0.84 0.00	89.61 0.65 0.00	86.73 0.54 0.00	87.43 0.70 0.00	81.91 0.65 0.00	83.49 0.74 0.00	97.69 1.01 0.00	88.30 1.02 0.00
ATHENS_STG_2 23670	50.13 1.13 0.00	54.42 1.28 0.00	51.95 1.22 0.00	47.82 1.02 0.00	46.43 0.83 0.00	51.84 0.81 0.00	61.62 1.03 0.00	152.26 1.54 0.00	111.37 0.39 0.00	52.52 0.03 0.00	59.01 0.03 0.00	63.53 0.39 0.00	51.08 0.51 0.00	58.83 0.49 0.00	74.88 0.40 0.00	84.70 0.46 0.00	103.27 0.84 0.00	89.61 0.65 0.00	86.73 0.54 0.00	87.43 0.70 0.00	81.91 0.65 0.00	83.49 0.74 0.00	97.69 1.01 0.00	88.30 1.02 0.00
ATHENS_STG_3 23677	50.13 1.13 0.00	54.42 1.28 0.00	51.95 1.22 0.00	47.82 1.02 0.00	46.43 0.83 0.00	51.84 0.81 0.00	61.62 1.03 0.00	152.26 1.54 0.00	111.37 0.39 0.00	52.52 0.03 0.00	59.01 0.03 0.00	63.53 0.39 0.00	51.08 0.51 0.00	58.83 0.49 0.00	74.88 0.40 0.00	84.70 0.46 0.00	103.27 0.84 0.00	89.61 0.65 0.00	86.73 0.54 0.00	87.43 0.70 0.00	81.91 0.65 0.00	83.49 0.74 0.00	97.69 1.01 0.00	88.30 1.02 0.00
AUBURN___LFGE 323710	48.59 -0.41 0.00	52.52 -0.62 0.00	50.26 -0.47 0.00	46.50 -0.30 0.00	45.39 -0.21 0.00	50.88 -0.16 0.00	60.51 -0.08 0.00	150.56 -0.16 0.00	111.59 0.61 0.00	52.31 -0.18 0.00	58.72 -0.26 0.00	63.43 0.29 0.00	50.56 0.00 0.00	58.28 -0.06 0.00	74.55 0.07 0.00	84.81 0.56 0.00	102.84 0.41 0.00	89.58 0.62 0.00	86.76 0.57 0.00	87.25 0.52 0.00	81.64 0.38 0.00	82.88 0.13 0.00	96.43 -0.25 0.00	86.75 -0.53 0.00
BABYLON_RES_REC 323704	51.24 2.24 0.00	55.35 2.22 0.00	52.79 2.06 0.00	48.62 1.82 0.00	47.28 1.69 0.00	53.08 2.05 0.00	62.65 2.06 0.00	152.66 4.21 2.28	110.44 0.93 1.47	53.01 0.52 0.00	60.31 1.33 0.00	65.19 2.05 0.00	52.31 1.74 0.00	60.06 1.72 0.00	77.17 2.68 0.00	87.89 3.15 -0.49	107.73 4.41 -0.88	96.97 3.50 -4.50	103.20 3.63 -13.39	116.18 3.69 -25.76	113.29 3.39 -28.65	110.20 3.60 -23.85	106.23 4.34 -5.21	93.05 3.87 -1.90
BALL_HILL_WT_PWR 323825	46.60 -2.40 0.00	50.77 -2.36 0.00	48.67 -2.06 0.00	45.42 -1.38 0.00	44.48 -1.11 0.00	49.59 -1.44 0.00	58.52 -2.07 0.00	147.20 -3.52 0.00	109.18 -1.79 0.00	52.25 -0.24 0.00	58.72 -0.26 0.00	63.50 0.36 0.00	50.97 0.40 0.00	58.90 0.56 0.00	75.39 0.91 0.00	84.75 0.51 0.00	101.33 -1.11 0.00	87.94 -1.02 0.00	85.52 -0.66 0.00	85.82 -0.91 0.00	80.33 -0.92 0.00	82.08 -0.67 0.00	94.84 -1.84 0.00	86.44 -0.84 0.00
BARON_WINDS___WT_PWR 323822	45.79 -3.21 0.00	49.87 -3.26 0.00	47.67 -3.07 0.00	44.21 -2.59 0.00	43.23 -2.37 0.00	48.46 -2.57 0.00	57.85 -2.74 0.00	145.57 -5.15 0.00	106.69 -4.29 0.00	50.76 -1.74 0.00	57.28 -1.70 0.00	61.88 -1.26 0.00	49.61 -0.95 0.00	57.35 -0.99 0.00	73.84 -0.65 0.00	83.74 -0.51 0.00	100.28 -2.16 0.00	87.36 -1.60 0.00	84.74 -1.44 0.00	85.07 -1.67 0.00	79.45 -1.81 0.00	81.03 -1.72 0.00	93.66 -3.02 0.00	84.12 -3.16 0.00
BARRETT_IC_1 23704	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_10 23701	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_11 23702	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_12 23703	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_2 23705	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_3 23706	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_4 23707	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_5 23708	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94

BARRETT_IC_6 23709	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_7 23710	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.81 0.00	48.40 1.60 0.00	47.06 1.47 0.00	52.77 1.73 0.00	62.44 1.85 0.00	154.17 3.45 0.00	111.69 0.72 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.83 1.68 0.00	52.01 1.44 0.00	59.87 1.53 0.00	76.66 2.18 0.00	87.13 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.11 2.44 -12.49	114.21 2.45 -25.03	112.64 2.21 -29.18	109.46 2.37 -24.34	105.10 3.11 -5.31	92.06 2.84 -1.94
BARRETT_IC_8 23711	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT_IC_9 23700	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT___1 23545	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BARRETT___2 23546	50.89 1.88 0.00	55.10 1.97 0.00	52.54 1.80 0.00	48.40 1.60 0.00	47.07 1.47 0.00	52.77 1.73 0.00	62.43 1.85 0.00	154.15 3.43 0.00	111.71 0.73 0.00	52.98 0.49 0.00	59.96 0.98 0.00	64.82 1.68 0.00	52.01 1.44 0.00	59.88 1.53 0.00	76.66 2.18 0.00	87.12 2.38 -0.50	105.89 3.46 -0.01	96.25 2.81 -4.47	101.13 2.45 -12.49	114.23 2.47 -25.03	112.65 2.22 -29.18	109.46 2.37 -24.34	105.11 3.12 -5.31	92.04 2.82 -1.94
BATAVIA__115KV_TB1 55881	48.42 -0.59 0.00	52.61 -0.53 0.00	50.39 -0.34 0.00	46.82 0.02 0.00	45.91 0.31 0.00	51.00 -0.04 0.00	60.08 -0.51 0.00	150.89 0.17 0.00	112.14 1.16 0.00	54.00 1.51 0.00	60.40 1.42 0.00	65.11 1.97 0.00	52.02 1.46 0.00	60.33 1.99 0.00	76.93 2.45 0.00	86.05 1.80 0.00	103.67 1.23 0.00	90.19 1.22 0.00	87.39 1.20 0.00	87.40 0.67 0.00	82.16 0.91 0.00	83.68 0.93 0.00	96.44 -0.24 0.00	86.84 -0.44 0.00
BAYONEEC___CTG1 323682	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BAYONEEC___CTG10 323750	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BAYONEEC___CTG2 323683	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BAYONEEC___CTG3 323684	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BAYONEEC___CTG4 323685	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BAYONEEC___CTG5 323686	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BAYONEEC___CTG6 323687	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BAYONEEC___CTG7 323688	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00

BAYONEEC___CTG8 323689	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BAYONEEC___CTG9 323749	50.85 1.85 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.30 1.50 0.00	46.96 1.37 0.00	52.57 1.54 0.00	62.70 2.11 0.00	154.95 4.23 0.00	112.86 1.88 0.00	53.32 0.83 0.00	59.99 1.01 0.00	64.87 1.73 0.00	52.25 1.69 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.31 2.06 0.00	105.61 3.18 0.00	91.56 2.60 0.00	88.43 2.25 0.00	89.04 2.31 0.00	83.15 1.89 0.00	84.63 1.88 0.00	98.98 2.30 0.00	89.11 1.84 0.00
BEACON___LESR 323632	50.61 1.60 0.00	54.84 1.71 0.00	52.32 1.58 0.00	48.25 1.45 0.00	46.90 1.30 0.00	52.38 1.35 0.00	62.21 1.63 0.00	153.27 2.55 0.00	112.16 1.18 0.00	52.77 0.28 0.00	59.28 0.30 0.00	63.65 0.51 0.00	51.08 0.52 0.00	59.14 0.79 0.00	75.45 0.97 0.00	85.46 1.21 0.00	104.24 1.81 0.00	90.68 1.71 0.00	87.76 1.57 0.00	88.52 1.79 0.00	82.96 1.71 0.00	84.56 1.81 0.00	98.96 2.28 0.00	89.24 1.96 0.00
BEAVER RIVER___HYD 24048	47.23 -1.77 0.00	51.24 -1.89 0.00	49.06 -1.67 0.00	45.81 -0.99 0.00	44.45 -1.15 0.00	50.28 -0.75 0.00	60.68 0.09 0.00	154.35 3.63 0.00	113.75 2.77 0.00	53.47 0.98 0.00	60.32 1.34 0.00	64.68 1.53 0.00	51.52 0.96 0.00	59.54 1.20 0.00	76.13 1.65 0.00	86.86 2.61 0.00	105.99 3.55 0.00	92.77 3.80 0.00	89.75 3.57 0.00	90.09 3.36 0.00	84.03 2.78 0.00	85.87 3.12 0.00	99.98 3.30 0.00	89.82 2.54 0.00
BEEBEE_GT_13 23619	48.14 -0.87 0.00	52.26 -0.88 0.00	49.97 -0.76 0.00	46.36 -0.44 0.00	45.38 -0.21 0.00	50.65 -0.38 0.00	59.91 -0.67 0.00	150.07 -0.65 0.00	111.36 0.39 0.00	53.18 0.69 0.00	59.60 0.62 0.00	64.30 1.16 0.00	51.42 0.85 0.00	59.52 1.18 0.00	75.93 1.44 0.00	85.28 1.03 0.00	102.98 0.54 0.00	89.52 0.55 0.00	86.62 0.43 0.00	86.81 0.08 0.00	81.41 0.15 0.00	82.87 0.12 0.00	95.74 -0.94 0.00	86.25 -1.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.25 2.24 0.00	55.42 2.29 0.00	52.87 2.14 0.00	48.67 1.86 0.00	47.33 1.74 0.00	53.03 2.00 0.00	63.24 2.65 0.00	156.50 5.77 0.00	113.96 2.98 0.00	53.80 1.31 0.00	60.59 1.61 0.00	65.35 2.21 0.00	52.70 2.14 0.00	60.57 2.23 0.00	76.86 2.37 0.00	86.83 2.59 0.00	106.31 3.88 0.00	92.30 3.33 0.00	89.07 2.89 0.00	89.74 3.01 0.00	83.82 2.56 0.00	85.37 2.62 0.00	99.77 3.09 0.00	89.72 2.44 0.00
BETHLEHEM___GRP 23843	49.95 0.95 0.00	54.14 1.01 0.00	51.74 1.01 0.00	47.69 0.89 0.00	46.28 0.68 0.00	51.60 0.56 0.00	61.20 0.61 0.00	150.75 0.03 0.00	110.48 -0.49 0.00	52.09 -0.40 0.00	58.51 -0.46 0.00	62.88 -0.26 0.00	50.57 0.01 0.00	58.36 0.02 0.00	74.24 -0.24 0.00	84.05 -0.19 0.00	102.51 0.08 0.00	89.02 0.05 0.00	86.07 -0.11 0.00	86.82 0.09 0.00	81.43 0.18 0.00	83.07 0.33 0.00	97.19 0.51 0.00	87.81 0.53 0.00
BETHLEHEM___GS1 323560	49.95 0.95 0.00	54.14 1.01 0.00	51.74 1.01 0.00	47.70 0.89 0.00	46.28 0.69 0.00	51.60 0.56 0.00	61.19 0.60 0.00	150.75 0.03 0.00	110.49 -0.49 0.00	52.09 -0.40 0.00	58.51 -0.46 0.00	62.88 -0.26 0.00	50.57 0.01 0.00	58.35 0.01 0.00	74.24 -0.24 0.00	84.05 -0.19 0.00	102.52 0.08 0.00	89.03 0.07 0.00	86.07 -0.11 0.00	86.83 0.09 0.00	81.45 0.19 0.00	83.08 0.33 0.00	97.19 0.51 0.00	87.82 0.54 0.00
BETHLEHEM___GS2 323561	49.95 0.95 0.00	54.14 1.01 0.00	51.74 1.01 0.00	47.70 0.89 0.00	46.28 0.69 0.00	51.60 0.56 0.00	61.19 0.60 0.00	150.75 0.03 0.00	110.49 -0.49 0.00	52.09 -0.40 0.00	58.51 -0.46 0.00	62.88 -0.26 0.00	50.57 0.01 0.00	58.35 0.01 0.00	74.24 -0.24 0.00	84.05 -0.19 0.00	102.52 0.08 0.00	89.03 0.07 0.00	86.07 -0.11 0.00	86.83 0.09 0.00	81.45 0.19 0.00	83.08 0.33 0.00	97.19 0.51 0.00	87.82 0.54 0.00
BETHLEHEM___GS3 323562	49.95 0.95 0.00	54.14 1.01 0.00	51.74 1.01 0.00	47.70 0.89 0.00	46.28 0.69 0.00	51.60 0.56 0.00	61.19 0.60 0.00	150.75 0.03 0.00	110.49 -0.49 0.00	52.09 -0.40 0.00	58.51 -0.46 0.00	62.88 -0.26 0.00	50.57 0.01 0.00	58.35 0.01 0.00	74.24 -0.24 0.00	84.05 -0.19 0.00	102.52 0.08 0.00	89.03 0.07 0.00	86.07 -0.11 0.00	86.83 0.09 0.00	81.45 0.19 0.00	83.08 0.33 0.00	97.19 0.51 0.00	87.82 0.54 0.00
BETHLEHEM___STEEL 23779	47.24 -1.76 0.00	51.40 -1.74 0.00	49.24 -1.50 0.00	45.84 -0.97 0.00	44.91 -0.69 0.00	49.96 -1.07 0.00	58.75 -1.84 0.00	147.43 -3.29 0.00	109.54 -1.44 0.00	52.76 0.27 0.00	59.29 0.32 0.00	64.02 0.88 0.00	51.30 0.74 0.00	59.42 1.08 0.00	75.80 1.31 0.00	84.84 0.59 0.00	101.52 -0.91 0.00	88.14 -0.83 0.00	85.46 -0.72 0.00	85.56 -1.17 0.00	80.47 -0.78 0.00	82.18 -0.57 0.00	94.80 -1.88 0.00	85.57 -1.71 0.00
BETHLHEM_115KV_TB1 79974	49.98 0.97 0.00	54.18 1.05 0.00	51.77 1.04 0.00	47.72 0.92 0.00	46.30 0.71 0.00	51.64 0.61 0.00	61.26 0.67 0.00	151.06 0.33 0.00	110.68 -0.30 0.00	52.19 -0.30 0.00	58.61 -0.37 0.00	63.00 -0.14 0.00	50.64 0.08 0.00	58.43 0.08 0.00	74.37 -0.11 0.00	84.20 -0.05 0.00	102.70 0.26 0.00	89.17 0.20 0.00	86.22 0.04 0.00	86.98 0.25 0.00	81.56 0.31 0.00	83.20 0.45 0.00	97.33 0.64 0.00	87.94 0.66 0.00
BETHPAGE_CC_5 323564	51.06 2.05 0.00	55.20 2.07 0.00	52.64 1.91 0.00	48.47 1.67 0.00	47.09 1.49 0.00	52.78 1.75 0.00	62.32 1.74 0.00	152.17 3.29 1.84	110.20 0.41 1.19	52.84 0.35 0.00	59.99 1.01 0.00	64.87 1.72 0.00	52.09 1.52 0.00	59.80 1.46 0.00	76.63 2.15 0.00	87.17 2.40 -0.52	105.86 3.42 -0.01	96.39 2.77 -4.66	101.98 2.78 -13.02	115.67 2.85 -26.09	114.25 2.58 -30.42	110.93 2.81 -25.37	105.65 3.43 -5.54	92.32 3.02 -2.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.35 -1.66 0.00	51.51 -1.63 0.00	49.35 -1.38 0.00	45.95 -0.85 0.00	45.02 -0.57 0.00	50.11 -0.92 0.00	58.95 -1.64 0.00	148.04 -2.68 0.00	109.95 -1.03 0.00	52.93 0.44 0.00	59.51 0.53 0.00	64.23 1.09 0.00	51.48 0.91 0.00	59.62 1.28 0.00	76.08 1.59 0.00	85.19 0.94 0.00	101.95 -0.48 0.00	88.54 -0.42 0.00	85.84 -0.34 0.00	85.96 -0.77 0.00	80.81 -0.44 0.00	82.50 -0.25 0.00	95.18 -1.50 0.00	85.85 -1.43 0.00
BINGHAMTON___COGEN 23790	48.25 -0.75 0.00	52.40 -0.74 0.00	50.02 -0.71 0.00	46.19 -0.62 0.00	44.98 -0.61 0.00	50.35 -0.68 0.00	59.77 -0.81 0.00	148.98 -1.74 0.00	109.55 -1.43 0.00	51.76 -0.73 0.00	58.16 -0.82 0.00	62.69 -0.45 0.00	49.80 -0.77 0.00	57.57 -0.77 0.00	74.06 -0.43 0.00	84.13 -0.12 0.00	101.00 -1.44 0.00	88.47 -0.49 0.00	85.82 -0.36 0.00	86.36 -0.37 0.00	80.72 -0.54 0.00	82.34 -0.41 0.00	95.72 -0.96 0.00	86.15 -1.13 0.00

BIXINCNT_115KV_LOAD 355685	46.55 -2.45 0.00	50.55 -2.59 0.00	48.75 -1.98 0.00	45.44 -1.36 0.00	44.64 -0.96 0.00	49.97 -1.07 0.00	59.01 -1.58 0.00	150.15 -0.57 0.00	110.80 -0.17 0.00	53.37 0.88 0.00	60.00 1.02 0.00	64.78 1.64 0.00	52.04 1.47 0.00	60.27 1.93 0.00	77.00 2.52 0.00	86.44 2.19 0.00	103.50 1.06 0.00	89.89 0.93 0.00	87.07 0.89 0.00	87.21 0.48 0.00	81.73 0.47 0.00	83.48 0.73 0.00	96.60 -0.08 0.00	86.93 -0.35 0.00
BLACK RIVER___HYD 24047	46.82 -2.18 0.00	50.79 -2.35 0.00	48.61 -2.12 0.00	45.44 -1.37 0.00	44.06 -1.53 0.00	50.07 -0.96 0.00	60.65 0.07 0.00	154.57 3.85 0.00	113.99 3.02 0.00	53.41 0.92 0.00	59.87 0.89 0.00	64.18 1.04 0.00	50.92 0.36 0.00	58.90 0.56 0.00	75.34 0.86 0.00	86.63 2.39 0.00	106.23 3.80 0.00	93.13 4.17 0.00	90.13 3.94 0.00	90.39 3.66 0.00	84.27 3.02 0.00	85.81 3.07 0.00	99.66 2.98 0.00	89.32 2.04 0.00
BLACKRVR_115KV_TB2 79977	46.82 -2.19 0.00	50.78 -2.35 0.00	48.61 -2.12 0.00	45.44 -1.37 0.00	44.06 -1.53 0.00	50.07 -0.96 0.00	60.65 0.06 0.00	154.57 3.85 0.00	113.99 3.02 0.00	53.41 0.92 0.00	59.87 0.89 0.00	64.18 1.04 0.00	50.92 0.35 0.00	58.90 0.56 0.00	75.33 0.85 0.00	86.63 2.38 0.00	106.23 3.80 0.00	93.14 4.18 0.00	90.12 3.94 0.00	90.39 3.66 0.00	84.27 3.02 0.00	85.82 3.07 0.00	99.66 2.98 0.00	89.32 2.04 0.00
BLDWN_LI_69_KV_BK4 356085	51.31 2.30 0.00	55.49 2.36 0.00	52.90 2.17 0.00	48.74 1.93 0.00	47.38 1.79 0.00	53.15 2.12 0.00	62.92 2.34 0.00	154.86 4.76 0.62	111.97 1.40 0.40	53.31 0.82 0.00	60.43 1.45 0.00	65.33 2.19 0.00	52.44 1.88 0.00	60.31 1.97 0.00	77.32 2.83 0.00	87.81 2.97 -0.59	106.47 4.03 -0.01	97.69 3.44 -5.29	104.23 3.25 -14.79	119.67 3.30 -29.64	118.83 3.02 -34.56	114.85 3.28 -28.82	106.94 3.97 -6.29	93.12 3.54 -2.30
BLISS_WT_PWR 323608	46.20 -2.81 0.00	50.14 -3.00 0.00	48.46 -2.28 0.00	45.18 -1.62 0.00	44.37 -1.22 0.00	49.79 -1.24 0.00	58.88 -1.70 0.00	150.21 -0.51 0.00	110.82 -0.15 0.00	53.43 0.93 0.00	60.05 1.07 0.00	64.85 1.70 0.00	52.12 1.56 0.00	60.39 2.05 0.00	77.15 2.67 0.00	86.58 2.33 0.00	103.69 1.25 0.00	90.04 1.07 0.00	87.22 1.03 0.00	87.33 0.60 0.00	81.82 0.57 0.00	83.56 0.81 0.00	96.73 0.05 0.00	87.01 -0.27 0.00
BLUESTONE___WT_PWR 323821	48.08 -0.92 0.00	51.90 -1.23 0.00	49.25 -1.49 0.00	45.35 -1.45 0.00	43.94 -1.65 0.00	49.69 -1.34 0.00	59.47 -1.12 0.00	149.03 -1.69 0.00	110.24 -0.74 0.00	52.24 -0.25 0.00	58.86 -0.12 0.00	63.40 0.26 0.00	50.82 0.26 0.00	59.38 1.04 0.00	77.55 3.07 0.00	88.47 4.22 0.00	108.04 5.61 0.00	94.80 5.84 0.00	91.93 5.74 0.00	92.43 5.70 0.00	86.39 5.13 0.00	87.78 5.03 0.00	100.74 4.06 0.00	88.78 1.51 0.00
BLUE_CIRC_CHEM_DRP 24182	50.34 1.34 0.00	54.62 1.49 0.00	52.16 1.43 0.00	48.09 1.29 0.00	46.67 1.07 0.00	52.11 1.08 0.00	61.83 1.24 0.00	152.60 1.88 0.00	111.65 0.67 0.00	52.51 0.02 0.00	58.96 -0.02 0.00	63.41 0.27 0.00	50.94 0.38 0.00	58.80 0.46 0.00	74.98 0.50 0.00	84.97 0.73 0.00	103.65 1.21 0.00	89.97 1.01 0.00	87.08 0.90 0.00	87.82 1.09 0.00	82.34 1.08 0.00	84.01 1.26 0.00	98.30 1.62 0.00	88.82 1.54 0.00
BOC_GAS_DRP 24189	49.94 0.94 0.00	54.20 1.06 0.00	51.75 1.02 0.00	47.69 0.89 0.00	46.29 0.70 0.00	51.67 0.64 0.00	61.34 0.75 0.00	151.54 0.82 0.00	111.02 0.05 0.00	52.35 -0.14 0.00	58.82 -0.16 0.00	63.25 0.10 0.00	50.82 0.25 0.00	58.61 0.27 0.00	74.63 0.14 0.00	84.47 0.22 0.00	102.91 0.47 0.00	89.31 0.34 0.00	86.45 0.27 0.00	87.15 0.43 0.00	81.69 0.44 0.00	83.31 0.56 0.00	97.47 0.79 0.00	88.07 0.79 0.00
BOONVILLE_115KV_TB1 79983	48.84 -0.17 0.00	53.03 -0.11 0.00	50.70 -0.03 0.00	47.07 0.27 0.00	45.78 0.18 0.00	51.58 0.54 0.00	61.91 1.32 0.00	157.66 6.94 0.00	116.11 5.13 0.00	54.48 1.98 0.00	61.37 2.39 0.00	65.86 2.72 0.00	52.56 2.00 0.00	60.69 2.35 0.00	77.91 3.42 0.00	88.73 4.49 0.00	108.34 5.91 0.00	94.61 5.64 0.00	91.60 5.42 0.00	92.06 5.33 0.00	85.95 4.70 0.00	87.56 4.81 0.00	101.85 5.17 0.00	91.44 4.16 0.00
BORALEX_4TH_BRANCH 23824	51.90 2.89 0.00	56.29 3.15 0.00	53.69 2.95 0.00	49.47 2.66 0.00	47.94 2.35 0.00	53.61 2.58 0.00	63.44 2.85 0.00	154.77 4.05 0.00	113.01 2.03 0.00	53.13 0.64 0.00	60.01 1.03 0.00	64.43 1.29 0.00	51.79 1.23 0.00	60.05 1.71 0.00	76.56 2.08 0.00	86.86 2.61 0.00	105.74 3.31 0.00	91.72 2.75 0.00	89.01 2.83 0.00	90.02 3.29 0.00	84.90 3.64 0.00	86.62 3.87 0.00	101.35 4.67 0.00	91.57 4.29 0.00
BOWLINE___1 23526	50.32 1.31 0.00	54.44 1.30 0.00	51.95 1.21 0.00	47.84 1.03 0.00	46.50 0.91 0.00	52.07 1.03 0.00	61.99 1.40 0.00	152.99 2.27 0.00	111.36 0.38 0.00	52.55 0.06 0.00	59.03 0.05 0.00	63.71 0.57 0.00	51.27 0.70 0.00	59.00 0.66 0.00	75.12 0.63 0.00	85.00 0.75 0.00	104.00 1.57 0.00	90.32 1.35 0.00	87.31 1.13 0.00	87.98 1.25 0.00	82.26 1.01 0.00	83.77 1.02 0.00	98.01 1.33 0.00	88.29 1.01 0.00
BOWLINE___2 23595	50.30 1.30 0.00	54.42 1.29 0.00	51.92 1.19 0.00	47.82 1.02 0.00	46.50 0.90 0.00	52.04 1.01 0.00	61.98 1.39 0.00	153.04 2.32 0.00	111.52 0.55 0.00	52.62 0.13 0.00	59.12 0.14 0.00	63.80 0.66 0.00	51.34 0.78 0.00	59.08 0.74 0.00	75.24 0.76 0.00	85.13 0.88 0.00	104.16 1.72 0.00	90.46 1.50 0.00	87.43 1.25 0.00	88.10 1.37 0.00	82.37 1.11 0.00	83.89 1.14 0.00	98.14 1.45 0.00	88.40 1.12 0.00
BRADY___115KV_TB2 356060	50.24 1.23 0.00	54.45 1.31 0.00	52.06 1.33 0.00	48.15 1.34 0.00	47.11 1.51 0.00	52.79 1.75 0.00	62.89 2.30 0.00	156.66 5.93 0.00	114.85 3.88 0.00	54.15 1.65 0.00	60.79 1.81 0.00	65.25 2.11 0.00	52.28 1.72 0.00	60.39 2.04 0.00	76.89 2.41 0.00	86.94 2.69 0.00	106.16 3.72 0.00	92.49 3.52 0.00	89.44 3.26 0.00	89.86 3.12 0.00	84.05 2.79 0.00	85.15 2.40 0.00	99.80 3.12 0.00	90.44 3.16 0.00
BRANSCOMB___SOLAR 323811	51.79 2.78 0.00	56.16 3.02 0.00	53.58 2.84 0.00	49.28 2.48 0.00	47.82 2.23 0.00	53.53 2.50 0.00	63.49 2.90 0.00	156.41 5.69 0.00	114.32 3.35 0.00	53.53 1.03 0.00	60.02 1.05 0.00	64.40 1.26 0.00	51.70 1.13 0.00	59.89 1.54 0.00	76.63 2.15 0.00	87.20 2.95 0.00	106.60 4.17 0.00	92.45 3.48 0.00	89.74 3.56 0.00	90.55 3.82 0.00	85.08 3.83 0.00	86.56 3.81 0.00	101.10 4.42 0.00	91.20 3.93 0.00
BRDGHMPT_69_KV_BK1 55812	50.82 1.82 0.00	54.87 1.74 0.00	52.22 1.48 0.00	48.16 1.35 0.00	46.91 1.31 0.00	52.84 1.81 0.00	61.13 0.54 0.00	150.20 0.66 1.18	106.93 -3.29 0.76	51.37 -1.12 0.00	59.91 0.93 0.00	64.84 1.69 0.00	52.36 1.80 0.00	60.80 2.46 0.00	78.60 4.12 0.00	90.29 5.61 -0.43	116.98 7.70 -6.84	99.41 5.61 -4.84	112.60 6.69 -19.73	124.90 7.02 -31.15	113.44 6.66 -25.53	110.02 6.35 -20.92	108.76 7.51 -4.57	95.46 6.52 -1.67

BRENTWOD_69_KV_W. BRTWOOD 56703	51.42 2.42 0.00	55.50 2.36 0.00	52.95 2.21 0.00	48.78 1.97 0.00	47.42 1.83 0.00	53.31 2.28 0.00	62.80 2.22 0.00	152.37 4.63 2.98	110.10 1.04 1.92	53.04 0.54 0.00	60.57 1.59 0.00	65.52 2.38 0.00	52.61 2.05 0.00	60.35 2.01 0.00	77.65 3.16 0.00	88.30 3.61 -0.44	112.98 4.90 -5.64	97.36 3.60 -4.79	108.72 4.02 -18.51	121.19 4.27 -30.19	111.46 3.89 -26.31	108.49 4.10 -21.64	106.35 4.95 -4.72	93.56 4.56 -1.73
BRISTLHL_115KV_TB1 79998	47.20 -1.80 0.00	51.19 -1.95 0.00	48.90 -1.84 0.00	45.16 -1.64 0.00	44.00 -1.59 0.00	49.30 -1.74 0.00	58.56 -2.03 0.00	146.52 -4.20 0.00	108.15 -2.83 0.00	50.71 -1.78 0.00	56.89 -2.08 0.00	61.57 -1.57 0.00	49.06 -1.50 0.00	56.52 -1.83 0.00	72.23 -2.26 0.00	81.74 -2.51 0.00	99.18 -3.26 0.00	86.37 -2.59 0.00	83.64 -2.54 0.00	84.12 -2.62 0.00	78.74 -2.52 0.00	80.17 -2.57 0.00	93.33 -3.35 0.00	84.09 -3.19 0.00
BROOKHAVEN___DRP 24191	51.11 2.10 0.00	55.17 2.03 0.00	52.59 1.86 0.00	48.48 1.67 0.00	47.17 1.58 0.00	53.04 2.01 0.00	61.56 0.97 0.00	151.19 1.50 1.03	108.17 -2.15 0.66	51.55 -0.94 0.00	59.57 0.59 0.00	64.88 1.73 0.00	52.14 1.58 0.00	60.00 1.65 0.00	77.26 2.78 0.00	88.14 3.47 -0.43	114.03 4.62 -6.98	96.91 3.09 -4.85	110.04 3.96 -19.90	122.12 4.07 -31.31	110.65 3.88 -25.52	107.68 4.02 -20.91	106.16 4.92 -4.56	93.34 4.39 -1.67
BROOKLYN_NAVY_YARD 23515	50.74 1.73 0.00	54.84 1.71 0.00	52.34 1.60 0.00	48.17 1.36 0.00	46.83 1.23 0.00	52.43 1.40 0.00	62.49 1.90 0.00	154.45 3.73 0.00	112.49 1.51 0.00	53.15 0.66 0.00	59.85 0.87 0.00	64.66 1.52 0.00	52.10 1.53 0.00	59.93 1.59 0.00	76.16 1.68 0.00	86.02 1.77 0.00	105.29 2.86 0.00	91.32 2.35 0.00	88.18 2.00 0.00	88.76 2.03 0.00	82.86 1.61 0.00	84.36 1.61 0.00	98.69 2.01 0.00	88.89 1.61 0.00
BROOKLYN___ARMY_DRP 323595	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
BROOME_2_LFGE 323671	48.25 -0.75 0.00	52.40 -0.73 0.00	50.02 -0.71 0.00	46.19 -0.62 0.00	44.97 -0.62 0.00	50.35 -0.68 0.00	59.77 -0.82 0.00	148.98 -1.74 0.00	109.55 -1.42 0.00	51.76 -0.73 0.00	58.16 -0.82 0.00	62.69 -0.45 0.00	49.80 -0.77 0.00	57.57 -0.77 0.00	74.06 -0.43 0.00	84.13 -0.12 0.00	101.00 -1.44 0.00	88.48 -0.48 0.00	85.82 -0.37 0.00	86.36 -0.37 0.00	80.72 -0.54 0.00	82.33 -0.41 0.00	95.73 -0.96 0.00	86.14 -1.14 0.00
BROOME___LFGE 323600	48.25 -0.75 0.00	52.40 -0.73 0.00	50.02 -0.71 0.00	46.19 -0.62 0.00	44.97 -0.62 0.00	50.35 -0.68 0.00	59.77 -0.82 0.00	148.98 -1.74 0.00	109.55 -1.42 0.00	51.76 -0.73 0.00	58.16 -0.82 0.00	62.69 -0.45 0.00	49.80 -0.77 0.00	57.57 -0.77 0.00	74.06 -0.43 0.00	84.13 -0.12 0.00	101.00 -1.44 0.00	88.48 -0.48 0.00	85.82 -0.37 0.00	86.36 -0.37 0.00	80.72 -0.54 0.00	82.33 -0.41 0.00	95.73 -0.96 0.00	86.14 -1.14 0.00
BROWNFLS_115KV_TB_3_5 80003	48.00 -1.00 0.00	51.95 -1.18 0.00	49.71 -1.02 0.00	46.23 -0.57 0.00	45.01 -0.58 0.00	50.61 -0.42 0.00	60.76 0.18 0.00	152.94 2.22 0.00	112.54 1.56 0.00	53.13 0.64 0.00	60.01 1.04 0.00	64.37 1.22 0.00	51.38 0.82 0.00	59.39 1.05 0.00	75.62 1.14 0.00	85.63 1.38 0.00	104.33 1.89 0.00	91.12 2.16 0.00	88.14 1.95 0.00	88.50 1.77 0.00	82.68 1.43 0.00	84.35 1.61 0.00	98.63 1.95 0.00	89.04 1.76 0.00
BROWNSV1_27_KV_LOAD 356125	51.35 2.35 0.00	55.53 2.39 0.00	52.95 2.22 0.00	48.76 1.95 0.00	47.40 1.81 0.00	53.10 2.07 0.00	63.36 2.77 0.00	156.72 6.00 0.00	114.17 3.19 0.00	53.94 1.45 0.00	60.70 1.72 0.00	65.64 2.50 0.00	52.85 2.29 0.00	60.81 2.47 0.00	77.35 2.87 0.00	87.40 3.16 0.00	106.97 4.53 0.00	92.74 3.77 0.00	89.58 3.39 0.00	90.19 3.46 0.00	84.22 2.96 0.00	85.72 2.97 0.00	100.17 3.49 0.00	90.14 2.86 0.00
BURROWS___LYONSDAL 23803	48.28 -0.73 0.00	52.43 -0.70 0.00	50.14 -0.59 0.00	46.66 -0.14 0.00	45.33 -0.26 0.00	51.16 0.13 0.00	61.55 0.96 0.00	156.86 6.14 0.00	115.57 4.59 0.00	54.24 1.74 0.00	61.12 2.14 0.00	65.56 2.42 0.00	52.31 1.75 0.00	60.41 2.06 0.00	77.50 3.02 0.00	88.30 4.05 0.00	107.83 5.40 0.00	94.22 5.26 0.00	91.22 5.03 0.00	91.64 4.91 0.00	85.53 4.28 0.00	87.21 4.46 0.00	101.45 4.77 0.00	91.06 3.78 0.00
CAITHNESS_CC_1 323624	51.01 2.01 0.00	55.08 1.94 0.00	52.51 1.78 0.00	48.40 1.59 0.00	47.09 1.50 0.00	52.93 1.90 0.00	61.64 1.05 0.00	151.41 1.59 0.90	108.58 -1.82 0.58	51.73 -0.76 0.00	59.58 0.60 0.00	64.80 1.66 0.00	52.07 1.50 0.00	59.85 1.50 0.00	77.04 2.55 0.00	87.78 3.11 -0.43	113.63 4.10 -7.09	96.63 2.79 -4.87	109.75 3.52 -20.04	121.79 3.60 -31.46	110.20 3.44 -25.51	107.27 3.62 -20.89	105.71 4.47 -4.56	92.98 4.04 -1.67
CALPINE BETH_PAGE_GT4 24209	51.06 2.05 0.00	55.22 2.08 0.00	52.64 1.91 0.00	48.47 1.67 0.00	47.08 1.49 0.00	52.80 1.77 0.00	62.28 1.69 0.00	152.55 3.16 1.33	110.47 0.35 0.85	52.78 0.29 0.00	59.88 0.90 0.00	64.77 1.62 0.00	52.01 1.44 0.00	59.74 1.40 0.00	76.53 2.05 0.00	87.07 2.27 -0.55	105.71 3.27 -0.01	96.58 2.65 -4.96	102.69 2.63 -13.88	117.24 2.69 -27.82	116.13 2.44 -32.43	112.47 2.66 -27.05	105.85 3.26 -5.90	92.30 2.87 -2.16
CALPINE_BETH_PAGE_GT_4 323586	51.06 2.05 0.00	55.21 2.08 0.00	52.64 1.91 0.00	48.47 1.67 0.00	47.09 1.49 0.00	52.80 1.77 0.00	62.28 1.69 0.00	152.58 3.19 1.33	110.47 0.35 0.85	52.79 0.29 0.00	59.88 0.90 0.00	64.77 1.62 0.00	52.01 1.44 0.00	59.74 1.40 0.00	76.52 2.04 0.00	87.07 2.27 -0.55	105.72 3.27 -0.01	96.57 2.64 -4.96	102.69 2.62 -13.88	117.25 2.70 -27.82	116.12 2.43 -32.43	112.47 2.66 -27.05	105.85 3.27 -5.90	92.30 2.86 -2.16
CALPINE_BP_GT1 23823	51.06 2.05 0.00	55.21 2.08 0.00	52.64 1.91 0.00	48.47 1.67 0.00	47.09 1.49 0.00	52.80 1.77 0.00	62.28 1.69 0.00	152.58 3.19 1.33	110.47 0.35 0.85	52.79 0.29 0.00	59.88 0.90 0.00	64.77 1.62 0.00	52.01 1.44 0.00	59.74 1.40 0.00	76.52 2.04 0.00	87.07 2.27 -0.55	105.72 3.27 -0.01	96.57 2.64 -4.96	102.69 2.62 -13.88	117.25 2.70 -27.82	116.12 2.43 -32.43	112.47 2.66 -27.05	105.85 3.27 -5.90	92.30 2.86 -2.16
CALSPAN___DRP 24200	47.24 -1.76 0.00	51.40 -1.74 0.00	49.24 -1.50 0.00	45.84 -0.97 0.00	44.91 -0.69 0.00	49.96 -1.07 0.00	58.75 -1.84 0.00	147.43 -3.29 0.00	109.54 -1.44 0.00	52.76 0.27 0.00	59.29 0.32 0.00	64.02 0.88 0.00	51.30 0.74 0.00	59.42 1.08 0.00	75.80 1.31 0.00	84.84 0.59 0.00	101.52 -0.91 0.00	88.14 -0.83 0.00	85.46 -0.72 0.00	85.56 -1.17 0.00	80.47 -0.78 0.00	82.18 -0.57 0.00	94.80 -1.88 0.00	85.57 -1.71 0.00

CALVERTON___SOLAR 323806	51.16 2.16 0.00	55.24 2.10 0.00	52.65 1.91 0.00	48.53 1.73 0.00	47.24 1.65 0.00	53.12 2.09 0.00	61.49 0.90 0.00	151.13 1.49 1.08	107.82 -2.46 0.70	51.42 -1.08 0.00	59.55 0.57 0.00	64.93 1.78 0.00	52.19 1.63 0.00	60.11 1.77 0.00	77.49 3.00 0.00	88.51 3.84 -0.43	114.51 5.15 -6.93	97.24 3.42 -4.85	110.50 4.49 -19.83	122.58 4.60 -31.25	111.15 4.37 -25.52	108.11 4.45 -20.91	106.61 5.36 -4.56	93.72 4.78 -1.67
CANDIGU_WT_PWR 323617	45.79 -3.21 0.00	49.87 -3.26 0.00	47.67 -3.07 0.00	44.21 -2.59 0.00	43.23 -2.37 0.00	48.46 -2.57 0.00	57.85 -2.74 0.00	145.57 -5.15 0.00	106.69 -4.29 0.00	50.76 -1.74 0.00	57.28 -1.70 0.00	61.88 -1.26 0.00	49.61 -0.95 0.00	57.35 -0.99 0.00	73.84 -0.65 0.00	83.74 -0.51 0.00	100.28 -2.16 0.00	87.36 -1.60 0.00	84.74 -1.44 0.00	85.07 -1.67 0.00	79.45 -1.81 0.00	81.03 -1.72 0.00	93.66 -3.02 0.00	84.12 -3.16 0.00
CARR STREET_E__SYR 24060	47.83 -1.17 0.00	51.88 -1.26 0.00	49.55 -1.18 0.00	45.76 -1.05 0.00	44.61 -0.99 0.00	49.95 -1.08 0.00	59.36 -1.23 0.00	148.28 -2.44 0.00	109.47 -1.50 0.00	51.56 -0.93 0.00	57.72 -1.25 0.00	62.39 -0.75 0.00	49.69 -0.88 0.00	57.31 -1.03 0.00	73.33 -1.15 0.00	83.05 -1.20 0.00	100.61 -1.82 0.00	87.63 -1.34 0.00	84.91 -1.28 0.00	85.39 -1.35 0.00	79.92 -1.34 0.00	81.35 -1.39 0.00	94.69 -1.99 0.00	85.31 -1.97 0.00
CARTHAGE___PAPER 23857	47.41 -1.59 0.00	51.47 -1.67 0.00	49.27 -1.47 0.00	46.01 -0.79 0.00	44.65 -0.95 0.00	50.62 -0.41 0.00	61.22 0.64 0.00	155.85 5.13 0.00	114.83 3.85 0.00	53.85 1.36 0.00	60.57 1.59 0.00	64.99 1.84 0.00	51.70 1.14 0.00	59.78 1.44 0.00	76.43 1.94 0.00	87.54 3.30 0.00	107.08 4.65 0.00	93.78 4.82 0.00	90.74 4.56 0.00	91.04 4.31 0.00	84.90 3.65 0.00	86.61 3.86 0.00	100.73 4.04 0.00	90.36 3.08 0.00
CASSADAGA_WT_PWR 323784	45.67 -3.33 0.00	49.88 -3.26 0.00	47.88 -2.85 0.00	45.14 -1.66 0.00	44.36 -1.24 0.00	49.60 -1.44 0.00	59.15 -1.44 0.00	149.84 -0.88 0.00	111.22 0.25 0.00	53.25 0.76 0.00	59.77 0.79 0.00	64.67 1.52 0.00	51.89 1.32 0.00	59.99 1.65 0.00	76.78 2.30 0.00	86.42 2.17 0.00	103.37 0.93 0.00	89.73 0.76 0.00	87.34 1.16 0.00	87.69 0.96 0.00	81.93 0.67 0.00	83.37 0.62 0.00	96.05 -0.63 0.00	87.32 0.04 0.00
CE_DUNWOOD___DRP 24194	50.62 1.62 0.00	54.76 1.62 0.00	52.25 1.52 0.00	48.12 1.32 0.00	46.77 1.17 0.00	52.36 1.33 0.00	62.36 1.77 0.00	154.08 3.36 0.00	112.27 1.30 0.00	52.99 0.49 0.00	59.60 0.62 0.00	64.36 1.22 0.00	51.80 1.24 0.00	59.61 1.27 0.00	75.91 1.42 0.00	85.88 1.63 0.00	105.04 2.60 0.00	91.16 2.19 0.00	88.13 1.95 0.00	88.78 2.05 0.00	82.99 1.74 0.00	84.50 1.75 0.00	98.84 2.16 0.00	89.03 1.75 0.00
CE_MILLWOOD___DRP 24193	50.57 1.56 0.00	54.70 1.57 0.00	52.19 1.46 0.00	48.06 1.26 0.00	46.72 1.12 0.00	52.29 1.26 0.00	62.28 1.70 0.00	153.89 3.17 0.00	112.12 1.15 0.00	52.92 0.43 0.00	59.50 0.52 0.00	64.24 1.10 0.00	51.71 1.14 0.00	59.51 1.17 0.00	75.78 1.30 0.00	85.72 1.47 0.00	104.86 2.43 0.00	91.03 2.06 0.00	87.99 1.81 0.00	88.66 1.93 0.00	82.88 1.63 0.00	84.41 1.66 0.00	98.72 2.03 0.00	88.93 1.65 0.00
CE_NYC2_DRP 24202	50.92 1.92 0.00	55.09 1.96 0.00	52.57 1.83 0.00	48.38 1.58 0.00	47.02 1.42 0.00	52.67 1.63 0.00	62.70 2.11 0.00	155.09 4.36 0.00	112.99 2.02 0.00	53.40 0.91 0.00	60.14 1.16 0.00	64.92 1.78 0.00	52.34 1.78 0.00	60.17 1.83 0.00	76.42 1.94 0.00	86.37 2.12 0.00	105.67 3.23 0.00	91.66 2.69 0.00	88.46 2.28 0.00	89.08 2.34 0.00	83.14 1.89 0.00	84.66 1.92 0.00	99.03 2.35 0.00	89.13 1.86 0.00
CE_NYC_DRP 24195	50.88 1.87 0.00	55.01 1.87 0.00	52.48 1.75 0.00	48.32 1.51 0.00	46.98 1.39 0.00	52.61 1.57 0.00	62.75 2.16 0.00	155.10 4.38 0.00	112.95 1.98 0.00	53.39 0.90 0.00	60.08 1.10 0.00	64.97 1.82 0.00	52.33 1.77 0.00	60.21 1.87 0.00	76.58 2.09 0.00	86.50 2.25 0.00	105.83 3.39 0.00	91.74 2.77 0.00	88.60 2.41 0.00	89.20 2.47 0.00	83.29 2.03 0.00	84.78 2.03 0.00	99.10 2.42 0.00	89.21 1.93 0.00
CHAFFEE___LFGE 323603	47.53 -1.48 0.00	51.69 -1.44 0.00	49.53 -1.21 0.00	46.10 -0.70 0.00	45.14 -0.46 0.00	50.27 -0.76 0.00	59.16 -1.43 0.00	148.52 -2.20 0.00	110.34 -0.64 0.00	53.05 0.56 0.00	59.66 0.68 0.00	64.35 1.21 0.00	51.54 0.97 0.00	59.69 1.35 0.00	76.18 1.70 0.00	85.36 1.11 0.00	102.16 -0.27 0.00	88.80 -0.17 0.00	86.13 -0.05 0.00	86.25 -0.48 0.00	81.08 -0.17 0.00	82.75 0.01 0.00	95.47 -1.21 0.00	86.03 -1.25 0.00
CHATEAUG_35_KV_LOAD 355732	49.05 0.05 0.00	52.85 -0.29 0.00	50.26 -0.47 0.00	46.38 -0.42 0.00	45.37 -0.23 0.00	51.08 0.04 0.00	60.80 0.21 0.00	152.38 1.66 0.00	111.84 0.87 0.00	52.89 0.39 0.00	59.79 0.81 0.00	64.12 0.98 0.00	51.49 0.93 0.00	59.69 1.35 0.00	76.54 2.05 0.00	86.73 2.49 0.00	105.63 3.20 0.00	92.06 3.09 0.00	89.10 2.92 0.00	89.69 2.96 0.00	84.21 2.95 0.00	85.48 2.74 0.00	100.11 3.43 0.00	90.60 3.32 0.00
CHATEAUG_WT_PWR 323614	48.96 -0.05 0.00	52.78 -0.35 0.00	50.21 -0.53 0.00	46.32 -0.49 0.00	45.30 -0.30 0.00	50.98 -0.05 0.00	60.66 0.07 0.00	151.89 1.17 0.00	111.50 0.53 0.00	52.79 0.30 0.00	59.66 0.68 0.00	64.07 0.93 0.00	51.43 0.87 0.00	59.61 1.27 0.00	76.37 1.89 0.00	86.48 2.23 0.00	105.12 2.68 0.00	91.49 2.53 0.00	88.61 2.42 0.00	89.24 2.51 0.00	83.71 2.45 0.00	85.04 2.29 0.00	99.56 2.88 0.00	90.03 2.75 0.00
CHAT_HIGH_FALL_HYD 323578	49.05 0.05 0.00	52.85 -0.29 0.00	50.26 -0.47 0.00	46.38 -0.42 0.00	45.37 -0.23 0.00	51.08 0.04 0.00	60.80 0.21 0.00	152.38 1.66 0.00	111.84 0.87 0.00	52.89 0.39 0.00	59.79 0.81 0.00	64.12 0.98 0.00	51.49 0.93 0.00	59.69 1.35 0.00	76.54 2.05 0.00	86.73 2.49 0.00	105.63 3.20 0.00	92.06 3.09 0.00	89.10 2.92 0.00	89.69 2.96 0.00	84.21 2.95 0.00	85.48 2.74 0.00	100.11 3.43 0.00	90.60 3.32 0.00
CHAUTAUQUA___LFGE 323629	46.32 -2.68 0.00	50.55 -2.59 0.00	48.46 -2.27 0.00	45.38 -1.42 0.00	44.47 -1.12 0.00	49.67 -1.36 0.00	58.84 -1.75 0.00	148.26 -2.46 0.00	109.98 -0.99 0.00	52.55 0.06 0.00	59.00 0.02 0.00	63.83 0.68 0.00	51.25 0.68 0.00	59.23 0.89 0.00	75.85 1.37 0.00	85.38 1.13 0.00	102.05 -0.38 0.00	88.64 -0.33 0.00	86.26 0.08 0.00	86.63 -0.11 0.00	81.00 -0.26 0.00	82.67 -0.08 0.00	95.44 -1.24 0.00	86.98 -0.29 0.00
CHERRYST_13_KV_LD 356241	51.00 2.00 0.00	55.16 2.02 0.00	52.62 1.89 0.00	48.45 1.64 0.00	47.10 1.50 0.00	52.75 1.72 0.00	62.93 2.34 0.00	155.55 4.83 0.00	113.36 2.39 0.00	53.59 1.10 0.00	60.29 1.31 0.00	65.21 2.07 0.00	52.52 1.96 0.00	60.41 2.07 0.00	76.85 2.37 0.00	86.81 2.56 0.00	106.23 3.79 0.00	92.07 3.10 0.00	88.89 2.71 0.00	89.47 2.74 0.00	83.53 2.27 0.00	85.03 2.28 0.00	99.39 2.71 0.00	89.47 2.19 0.00

CHESTROR_138KV_BK263 355645	50.21 1.20 0.00	54.33 1.19 0.00	51.85 1.12 0.00	47.77 0.96 0.00	46.44 0.84 0.00	51.97 0.94 0.00	61.92 1.34 0.00	153.09 2.37 0.00	111.67 0.70 0.00	52.67 0.17 0.00	59.12 0.14 0.00	63.73 0.59 0.00	51.29 0.72 0.00	59.04 0.70 0.00	75.28 0.80 0.00	85.25 1.00 0.00	104.26 1.82 0.00	90.56 1.59 0.00	87.56 1.38 0.00	88.25 1.51 0.00	82.51 1.26 0.00	84.01 1.26 0.00	98.23 1.54 0.00	88.50 1.22 0.00
CH_MIDHUDSON___DRP 24192	50.75 1.74 0.00	54.93 1.79 0.00	52.41 1.68 0.00	48.27 1.47 0.00	46.92 1.32 0.00	52.49 1.46 0.00	62.56 1.97 0.00	154.60 3.88 0.00	112.73 1.76 0.00	53.10 0.61 0.00	59.67 0.69 0.00	64.32 1.18 0.00	51.76 1.20 0.00	59.65 1.31 0.00	76.04 1.55 0.00	86.11 1.86 0.00	105.33 2.89 0.00	91.49 2.52 0.00	88.54 2.36 0.00	89.23 2.50 0.00	83.49 2.23 0.00	84.98 2.23 0.00	99.31 2.63 0.00	89.50 2.22 0.00
CH_MISC_IPPS 23765	50.94 1.94 0.00	55.13 2.00 0.00	52.61 1.88 0.00	48.46 1.66 0.00	47.11 1.51 0.00	52.73 1.70 0.00	62.88 2.29 0.00	155.53 4.81 0.00	113.35 2.37 0.00	53.37 0.88 0.00	59.95 0.97 0.00	64.62 1.47 0.00	51.99 1.42 0.00	59.94 1.60 0.00	76.45 1.97 0.00	86.61 2.36 0.00	105.99 3.55 0.00	92.07 3.10 0.00	89.12 2.93 0.00	89.83 3.10 0.00	84.02 2.76 0.00	85.49 2.75 0.00	99.91 3.23 0.00	89.98 2.70 0.00
CH_RES_BVR_FALLS 23983	48.96 -0.05 0.00	53.08 -0.05 0.00	50.64 -0.09 0.00	46.75 -0.05 0.00	45.55 -0.05 0.00	51.00 -0.03 0.00	60.58 0.00 0.00	150.72 0.00 0.00	110.87 -0.11 0.00	52.38 -0.11 0.00	58.87 -0.11 0.00	63.19 0.04 0.00	50.60 0.03 0.00	58.40 0.06 0.00	74.56 0.07 0.00	84.33 0.09 0.00	102.54 0.10 0.00	89.05 0.09 0.00	86.27 0.08 0.00	86.82 0.09 0.00	81.34 0.08 0.00	82.83 0.08 0.00	96.80 0.12 0.00	87.39 0.11 0.00
CH_RES_NIAGARA 23895	46.62 -2.38 0.00	50.72 -2.41 0.00	48.57 -2.16 0.00	45.24 -1.56 0.00	44.35 -1.24 0.00	48.90 -2.14 0.00	57.11 -0.82 0.00	142.14 -8.58 0.00	105.77 -5.21 0.00	51.27 -1.23 0.00	57.73 -1.25 0.00	62.38 -0.77 0.00	49.99 -0.58 0.00	57.93 -0.41 0.00	73.70 -0.78 0.00	82.19 -2.05 0.00	97.69 -4.74 0.00	84.63 -4.33 0.00	81.97 -4.21 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.09 -3.66 0.00	91.30 -5.38 0.00	82.98 -4.30 0.00
CH_RES_SYRACUSE 23985	48.13 -0.88 0.00	52.16 -0.97 0.00	49.83 -0.90 0.00	46.02 -0.78 0.00	44.87 -0.73 0.00	50.28 -0.76 0.00	59.76 -0.82 0.00	149.24 -1.48 0.00	110.19 -0.78 0.00	51.80 -0.70 0.00	58.02 -0.95 0.00	62.70 -0.44 0.00	49.95 -0.62 0.00	57.59 -0.75 0.00	73.71 -0.78 0.00	83.53 -0.72 0.00	101.27 -1.17 0.00	88.24 -0.73 0.00	85.49 -0.70 0.00	85.99 -0.94 0.00	80.46 -0.79 0.00	81.86 -0.89 0.00	95.29 -1.39 0.00	85.82 -1.46 0.00
CLINTON_WT_PWR 323605	48.96 -0.05 0.00	52.78 -0.35 0.00	50.21 -0.53 0.00	46.32 -0.49 0.00	45.30 -0.30 0.00	50.98 -0.05 0.00	60.66 0.07 0.00	151.89 1.17 0.00	111.50 0.53 0.00	52.79 0.30 0.00	59.66 0.68 0.00	64.07 0.93 0.00	51.43 0.87 0.00	59.61 1.27 0.00	76.37 1.89 0.00	86.48 2.23 0.00	105.12 2.68 0.00	91.49 2.53 0.00	88.61 2.42 0.00	89.24 2.51 0.00	83.71 2.45 0.00	85.04 2.29 0.00	99.56 2.88 0.00	90.03 2.75 0.00
CLINTON___LFGE 323618	49.77 0.77 0.00	53.64 0.50 0.00	50.99 0.26 0.00	47.00 0.20 0.00	45.94 0.35 0.00	51.85 0.82 0.00	61.73 1.15 0.00	154.74 4.01 0.00	113.75 2.78 0.00	53.69 1.20 0.00	60.61 1.63 0.00	65.00 1.85 0.00	52.17 1.60 0.00	60.50 2.16 0.00	77.70 3.22 0.00	88.14 3.89 0.00	107.55 5.11 0.00	93.89 4.92 0.00	90.75 4.56 0.00	91.50 4.77 0.00	86.01 4.75 0.00	87.16 4.41 0.00	102.08 5.40 0.00	92.23 4.95 0.00
COBBLENY_34_KV_TB1 80064	47.52 -1.48 0.00	51.69 -1.45 0.00	49.52 -1.21 0.00	46.10 -0.70 0.00	45.18 -0.42 0.00	50.27 -0.77 0.00	59.15 -1.43 0.00	148.58 -2.14 0.00	110.34 -0.64 0.00	53.05 0.56 0.00	59.67 0.69 0.00	64.35 1.20 0.00	51.54 0.97 0.00	59.68 1.34 0.00	76.18 1.69 0.00	85.36 1.11 0.00	102.17 -0.26 0.00	88.82 -0.14 0.00	86.15 -0.04 0.00	86.24 -0.49 0.00	81.08 -0.17 0.00	82.77 0.02 0.00	95.46 -1.22 0.00	86.03 -1.24 0.00
COFFEEN___115KV_TB3 355620	46.96 -2.05 0.00	50.93 -2.20 0.00	48.73 -2.00 0.00	45.52 -1.28 0.00	44.16 -1.44 0.00	50.19 -0.85 0.00	60.78 0.19 0.00	154.87 4.15 0.00	114.25 3.27 0.00	53.49 1.00 0.00	59.95 0.97 0.00	64.29 1.15 0.00	50.97 0.40 0.00	58.99 0.65 0.00	75.42 0.93 0.00	86.80 2.55 0.00	106.45 4.01 0.00	93.38 4.41 0.00	90.35 4.17 0.00	90.62 3.89 0.00	84.46 3.21 0.00	85.98 3.24 0.00	99.83 3.15 0.00	89.41 2.13 0.00
COLDSPRG_115KV_BK1 355956	47.11 -1.90 0.00	51.43 -1.71 0.00	49.14 -1.60 0.00	46.08 -0.73 0.00	45.21 -0.38 0.00	50.38 -0.66 0.00	59.77 -0.82 0.00	151.13 0.41 0.00	111.77 0.80 0.00	53.52 1.02 0.00	60.18 1.20 0.00	65.01 1.87 0.00	52.13 1.56 0.00	60.29 1.95 0.00	77.19 2.70 0.00	86.82 2.57 0.00	103.92 1.48 0.00	90.26 1.30 0.00	87.68 1.50 0.00	88.03 1.30 0.00	82.25 0.99 0.00	83.96 1.21 0.00	96.90 0.22 0.00	87.59 0.31 0.00
COLONIE_LFGE___ 323577	50.91 1.91 0.00	55.22 2.09 0.00	52.70 1.97 0.00	48.53 1.73 0.00	47.10 1.51 0.00	52.63 1.60 0.00	62.46 1.88 0.00	153.90 3.18 0.00	112.70 1.72 0.00	52.97 0.47 0.00	59.51 0.53 0.00	63.94 0.79 0.00	51.34 0.77 0.00	59.38 1.04 0.00	75.68 1.20 0.00	85.80 1.56 0.00	104.68 2.24 0.00	90.85 1.88 0.00	88.06 1.88 0.00	88.87 2.13 0.00	83.49 2.23 0.00	85.07 2.32 0.00	99.48 2.81 0.00	89.84 2.56 0.00
COOPERNY_115KV_TB1 80082	49.81 0.80 0.00	53.95 0.82 0.00	51.50 0.77 0.00	47.45 0.65 0.00	46.14 0.55 0.00	51.63 0.59 0.00	61.43 0.84 0.00	152.13 1.41 0.00	111.23 0.26 0.00	52.53 0.04 0.00	58.92 -0.06 0.00	63.43 0.29 0.00	51.03 0.47 0.00	58.75 0.41 0.00	74.96 0.47 0.00	84.82 0.57 0.00	103.60 1.16 0.00	89.88 0.91 0.00	86.97 0.78 0.00	87.63 0.90 0.00	81.98 0.72 0.00	83.51 0.76 0.00	97.61 0.93 0.00	87.96 0.68 0.00
COPENHAGEN_WT_PWR 323753	46.25 -2.76 0.00	50.17 -2.97 0.00	48.03 -2.71 0.00	44.97 -1.83 0.00	43.55 -2.05 0.00	49.57 -1.46 0.00	60.11 -0.48 0.00	153.44 2.72 0.00	113.29 2.32 0.00	53.12 0.63 0.00	59.60 0.62 0.00	63.94 0.80 0.00	50.75 0.19 0.00	58.67 0.33 0.00	75.03 0.54 0.00	86.01 1.77 0.00	105.48 3.04 0.00	92.50 3.53 0.00	89.50 3.32 0.00	89.76 3.02 0.00	83.65 2.40 0.00	85.20 2.46 0.00	98.91 2.23 0.00	88.71 1.43 0.00
CORNELL_____ 23752	48.97 -0.04 0.00	53.04 -0.09 0.00	50.63 -0.10 0.00	46.77 -0.04 0.00	45.62 0.02 0.00	51.17 0.13 0.00	61.00 0.41 0.00	152.44 1.72 0.00	112.74 1.76 0.00	53.06 0.57 0.00	59.40 0.42 0.00	63.87 0.72 0.00	50.71 0.15 0.00	58.62 0.27 0.00	75.62 1.14 0.00	86.12 1.87 0.00	104.23 1.80 0.00	91.25 2.28 0.00	88.54 2.36 0.00	89.04 2.31 0.00	83.17 1.92 0.00	84.57 1.82 0.00	98.12 1.44 0.00	88.08 0.80 0.00

CORONA V_69_KV_TB1 355595	51.35 2.35 0.00	55.54 2.40 0.00	52.95 2.22 0.00	48.76 1.96 0.00	47.42 1.83 0.00	53.18 2.15 0.00	63.08 2.49 0.00	155.82 5.10 0.00	113.06 2.08 0.00	53.51 1.02 0.00	60.52 1.54 0.00	65.42 2.28 0.00	52.50 1.93 0.00	60.43 2.09 0.00	77.34 2.86 0.00	88.28 3.23 -0.81	106.98 4.54 -0.01	100.07 3.84 -7.26	110.11 3.61 -20.31	131.13 3.69 -40.71	132.05 3.34 -47.45	125.78 3.45 -39.59	109.49 4.17 -8.64	94.07 3.64 -3.16
CORTLAND_115KV_TB3 80093	48.69 -0.32 0.00	52.82 -0.31 0.00	50.45 -0.29 0.00	46.58 -0.22 0.00	45.40 -0.19 0.00	50.89 -0.14 0.00	60.58 -0.01 0.00	151.03 0.31 0.00	111.22 0.24 0.00	52.37 -0.13 0.00	58.68 -0.30 0.00	63.20 0.06 0.00	50.26 -0.30 0.00	58.07 -0.27 0.00	74.64 0.15 0.00	84.80 0.55 0.00	102.51 0.07 0.00	89.59 0.62 0.00	86.91 0.73 0.00	87.43 0.70 0.00	81.75 0.50 0.00	83.22 0.47 0.00	96.75 0.07 0.00	87.06 -0.22 0.00
COXSACKIE__GT 23611	52.34 3.33 0.00	56.74 3.60 0.00	54.19 3.45 0.00	49.98 3.17 0.00	48.49 2.90 0.00	54.28 3.25 0.00	64.71 4.12 0.00	160.45 9.72 0.00	117.37 6.39 0.00	54.44 1.95 0.00	60.37 1.39 0.00	64.37 1.22 0.00	51.68 1.12 0.00	59.98 1.63 0.00	76.96 2.48 0.00	88.75 4.51 0.00	109.28 6.85 0.00	95.27 6.31 0.00	92.27 6.08 0.00	92.80 6.07 0.00	86.91 5.65 0.00	88.64 5.89 0.00	103.41 6.73 0.00	93.13 5.85 0.00
CPV_VALLEY__CC1 323721	49.86 0.86 0.00	53.96 0.82 0.00	51.53 0.80 0.00	47.46 0.66 0.00	46.14 0.54 0.00	51.61 0.58 0.00	61.43 0.84 0.00	151.93 1.21 0.00	110.88 -0.09 0.00	52.34 -0.15 0.00	58.77 -0.21 0.00	63.32 0.18 0.00	50.98 0.41 0.00	58.66 0.32 0.00	74.77 0.28 0.00	84.61 0.36 0.00	103.44 1.00 0.00	89.77 0.80 0.00	86.84 0.65 0.00	87.49 0.76 0.00	81.86 0.61 0.00	83.35 0.61 0.00	97.47 0.79 0.00	87.85 0.57 0.00
CPV_VALLEY__CC2 323722	49.86 0.86 0.00	53.96 0.82 0.00	51.53 0.80 0.00	47.46 0.66 0.00	46.14 0.54 0.00	51.61 0.58 0.00	61.43 0.84 0.00	151.93 1.21 0.00	110.88 -0.09 0.00	52.34 -0.15 0.00	58.77 -0.21 0.00	63.32 0.18 0.00	50.98 0.41 0.00	58.66 0.32 0.00	74.77 0.28 0.00	84.61 0.36 0.00	103.44 1.00 0.00	89.77 0.80 0.00	86.84 0.65 0.00	87.49 0.76 0.00	81.86 0.61 0.00	83.35 0.61 0.00	97.47 0.79 0.00	87.85 0.57 0.00
CRESCENT__HYD 24018	50.91 1.91 0.00	55.22 2.09 0.00	52.70 1.97 0.00	48.53 1.73 0.00	47.10 1.51 0.00	52.63 1.60 0.00	62.46 1.88 0.00	153.90 3.18 0.00	112.70 1.72 0.00	52.97 0.47 0.00	59.51 0.53 0.00	63.94 0.79 0.00	51.34 0.77 0.00	59.38 1.04 0.00	75.68 1.20 0.00	85.80 1.56 0.00	104.68 2.24 0.00	90.85 1.88 0.00	88.06 1.88 0.00	88.87 2.13 0.00	83.49 2.23 0.00	85.07 2.32 0.00	99.48 2.81 0.00	89.84 2.56 0.00
CRICKET__VALLEY_CC1 323756	50.30 1.30 0.00	54.41 1.27 0.00	51.92 1.18 0.00	47.86 1.05 0.00	46.51 0.91 0.00	51.94 0.91 0.00	61.93 1.35 0.00	152.73 2.01 0.00	111.34 0.37 0.00	52.36 -0.13 0.00	58.85 -0.13 0.00	63.44 0.30 0.00	51.08 0.51 0.00	58.87 0.53 0.00	75.04 0.56 0.00	85.01 0.76 0.00	104.00 1.57 0.00	90.37 1.40 0.00	87.47 1.28 0.00	88.17 1.44 0.00	82.60 1.35 0.00	84.09 1.34 0.00	98.30 1.61 0.00	88.64 1.36 0.00
CRICKET__VALLEY_CC2 323757	50.30 1.30 0.00	54.41 1.27 0.00	51.92 1.18 0.00	47.86 1.05 0.00	46.51 0.91 0.00	51.94 0.91 0.00	61.93 1.35 0.00	152.73 2.01 0.00	111.34 0.37 0.00	52.36 -0.13 0.00	58.85 -0.13 0.00	63.44 0.30 0.00	51.08 0.51 0.00	58.87 0.53 0.00	75.04 0.56 0.00	85.01 0.76 0.00	104.00 1.57 0.00	90.37 1.40 0.00	87.47 1.28 0.00	88.17 1.44 0.00	82.60 1.35 0.00	84.09 1.34 0.00	98.30 1.61 0.00	88.64 1.36 0.00
CRICKET__VALLEY_CC3 323758	50.30 1.30 0.00	54.41 1.27 0.00	51.92 1.18 0.00	47.86 1.05 0.00	46.51 0.91 0.00	51.94 0.91 0.00	61.93 1.35 0.00	152.73 2.01 0.00	111.34 0.37 0.00	52.36 -0.13 0.00	58.85 -0.13 0.00	63.44 0.30 0.00	51.08 0.51 0.00	58.87 0.53 0.00	75.04 0.56 0.00	85.01 0.76 0.00	104.00 1.57 0.00	90.37 1.40 0.00	87.47 1.28 0.00	88.17 1.44 0.00	82.60 1.35 0.00	84.09 1.34 0.00	98.30 1.61 0.00	88.64 1.36 0.00
CRUCIBLE_METL_DRP 24180	48.13 -0.88 0.00	52.16 -0.97 0.00	49.83 -0.90 0.00	46.02 -0.78 0.00	44.88 -0.72 0.00	50.27 -0.76 0.00	59.76 -0.83 0.00	149.22 -1.50 0.00	110.19 -0.78 0.00	51.80 -0.70 0.00	58.02 -0.95 0.00	62.71 -0.43 0.00	49.95 -0.62 0.00	57.59 -0.75 0.00	73.70 -0.78 0.00	83.53 -0.72 0.00	101.26 -1.18 0.00	88.24 -0.72 0.00	85.49 -0.70 0.00	85.99 -0.74 0.00	80.46 -0.79 0.00	81.87 -0.87 0.00	95.29 -1.39 0.00	85.82 -1.46 0.00
DAHOWA__HYDRO 323763	52.11 3.10 0.00	56.51 3.37 0.00	53.88 3.15 0.00	49.55 2.75 0.00	48.06 2.47 0.00	53.84 2.80 0.00	63.85 3.26 0.00	157.18 6.46 0.00	114.85 3.88 0.00	53.75 1.26 0.00	60.29 1.31 0.00	64.65 1.51 0.00	51.90 1.34 0.00	60.16 1.82 0.00	76.99 2.50 0.00	87.64 3.39 0.00	107.26 4.83 0.00	92.96 4.00 0.00	90.27 4.09 0.00	91.13 4.40 0.00	85.64 4.39 0.00	87.10 4.35 0.00	101.69 5.01 0.00	91.69 4.42 0.00
DANC__LFGE 323619	46.75 -2.26 0.00	50.69 -2.45 0.00	48.47 -2.26 0.00	45.14 -1.67 0.00	43.82 -1.77 0.00	49.55 -1.48 0.00	59.56 -1.03 0.00	150.86 0.14 0.00	111.36 0.39 0.00	52.27 -0.22 0.00	58.64 -0.34 0.00	63.16 0.02 0.00	50.17 -0.40 0.00	57.92 -0.42 0.00	73.96 -0.52 0.00	84.44 0.19 0.00	103.09 0.65 0.00	90.17 1.21 0.00	87.30 1.12 0.00	87.63 0.90 0.00	81.80 0.54 0.00	83.32 0.57 0.00	96.91 0.23 0.00	87.08 -0.20 0.00
DANSKAMMER__1 23586	50.94 1.94 0.00	55.13 2.00 0.00	52.61 1.88 0.00	48.46 1.66 0.00	47.11 1.51 0.00	52.73 1.70 0.00	62.88 2.29 0.00	155.53 4.81 0.00	113.35 2.37 0.00	53.37 0.88 0.00	59.95 0.97 0.00	64.62 1.47 0.00	51.99 1.42 0.00	59.94 1.60 0.00	76.45 1.97 0.00	86.61 2.36 0.00	105.99 3.55 0.00	92.07 3.10 0.00	89.12 2.93 0.00	89.83 3.10 0.00	84.02 2.76 0.00	85.49 2.75 0.00	99.91 3.23 0.00	89.98 2.70 0.00
DANSKAMMER__2 23589	50.94 1.94 0.00	55.13 2.00 0.00	52.61 1.88 0.00	48.46 1.66 0.00	47.11 1.51 0.00	52.73 1.70 0.00	62.88 2.29 0.00	155.53 4.81 0.00	113.35 2.37 0.00	53.37 0.88 0.00	59.95 0.97 0.00	64.62 1.47 0.00	51.99 1.42 0.00	59.94 1.60 0.00	76.45 1.97 0.00	86.61 2.36 0.00	105.99 3.55 0.00	92.07 3.10 0.00	89.12 2.93 0.00	89.83 3.10 0.00	84.02 2.76 0.00	85.49 2.75 0.00	99.91 3.23 0.00	89.98 2.70 0.00
DANSKAMMER__3 23590	50.94 1.94 0.00	55.13 2.00 0.00	52.61 1.88 0.00	48.46 1.66 0.00	47.11 1.51 0.00	52.73 1.70 0.00	62.88 2.29 0.00	155.53 4.81 0.00	113.35 2.37 0.00	53.37 0.88 0.00	59.95 0.97 0.00	64.62 1.47 0.00	51.99 1.42 0.00	59.94 1.60 0.00	76.45 1.97 0.00	86.61 2.36 0.00	105.99 3.55 0.00	92.07 3.10 0.00	89.12 2.93 0.00	89.83 3.10 0.00	84.02 2.76 0.00	85.49 2.75 0.00	99.91 3.23 0.00	89.98 2.70 0.00

DANSKAMMER___4 23591	50.94 1.94 0.00	55.13 2.00 0.00	52.61 1.88 0.00	48.46 1.66 0.00	47.11 1.51 0.00	52.73 1.70 0.00	62.88 2.29 0.00	155.53 4.81 0.00	113.35 2.37 0.00	53.37 0.88 0.00	59.95 0.97 0.00	64.62 1.47 0.00	51.99 1.42 0.00	59.94 1.60 0.00	76.45 1.97 0.00	86.61 2.36 0.00	105.99 3.55 0.00	92.07 3.10 0.00	89.12 2.93 0.00	89.83 3.10 0.00	84.02 2.76 0.00	85.49 2.75 0.00	99.91 3.23 0.00	89.98 2.70 0.00
DANSKAMMER___DIESEL 23592	50.94 1.94 0.00	55.13 2.00 0.00	52.61 1.88 0.00	48.46 1.66 0.00	47.10 1.51 0.00	52.74 1.70 0.00	62.87 2.29 0.00	155.48 4.76 0.00	113.35 2.37 0.00	53.37 0.88 0.00	59.95 0.97 0.00	64.62 1.48 0.00	51.99 1.42 0.00	59.94 1.60 0.00	76.45 1.97 0.00	86.61 2.36 0.00	105.99 3.55 0.00	92.07 3.11 0.00	89.11 2.93 0.00	89.83 3.09 0.00	84.02 2.76 0.00	85.50 2.75 0.00	99.91 3.23 0.00	89.99 2.71 0.00
DARBY___SOLAR 323810	51.83 2.83 0.00	56.21 3.08 0.00	53.62 2.89 0.00	49.31 2.50 0.00	47.84 2.24 0.00	53.56 2.53 0.00	63.54 2.96 0.00	156.44 5.72 0.00	114.34 3.36 0.00	53.53 1.03 0.00	60.00 1.02 0.00	64.37 1.23 0.00	51.65 1.09 0.00	59.87 1.52 0.00	76.64 2.16 0.00	87.23 2.98 0.00	106.69 4.25 0.00	92.45 3.48 0.00	89.74 3.56 0.00	90.59 3.86 0.00	85.09 3.83 0.00	86.59 3.84 0.00	101.12 4.44 0.00	91.22 3.94 0.00
DASHVILLE___HYD 23610	50.44 1.44 0.00	54.63 1.49 0.00	52.11 1.38 0.00	48.02 1.21 0.00	46.63 1.04 0.00	52.18 1.15 0.00	62.25 1.67 0.00	154.05 3.33 0.00	112.36 1.39 0.00	52.92 0.43 0.00	59.38 0.40 0.00	63.96 0.81 0.00	51.44 0.88 0.00	59.25 0.91 0.00	75.60 1.12 0.00	85.67 1.42 0.00	104.85 2.41 0.00	91.09 2.12 0.00	88.14 1.96 0.00	88.83 2.10 0.00	83.00 1.75 0.00	84.46 1.72 0.00	98.72 2.04 0.00	88.99 1.71 0.00
DELAWARE___LFGE 323621	49.69 0.69 0.00	53.98 0.85 0.00	51.50 0.77 0.00	47.47 0.66 0.00	46.11 0.51 0.00	51.62 0.58 0.00	61.47 0.89 0.00	152.79 2.07 0.00	112.01 1.04 0.00	52.89 0.40 0.00	59.39 0.42 0.00	63.98 0.83 0.00	51.53 0.97 0.00	59.40 1.06 0.00	75.80 1.32 0.00	85.75 1.50 0.00	104.59 2.16 0.00	90.56 1.59 0.00	87.74 1.55 0.00	88.35 1.62 0.00	82.67 1.41 0.00	84.22 1.47 0.00	98.31 1.62 0.00	88.46 1.18 0.00
DERFIELD_115KV_TB7 355931	49.06 0.05 0.00	53.24 0.10 0.00	50.83 0.10 0.00	46.89 0.08 0.00	45.63 0.04 0.00	51.08 0.05 0.00	60.62 0.03 0.00	150.72 0.00 0.00	110.82 -0.15 0.00	52.32 -0.18 0.00	58.76 -0.22 0.00	63.04 -0.10 0.00	50.51 -0.05 0.00	58.28 -0.06 0.00	74.43 -0.05 0.00	84.19 -0.06 0.00	102.48 0.05 0.00	89.02 0.06 0.00	86.24 0.05 0.00	86.82 0.09 0.00	81.34 0.08 0.00	82.85 0.10 0.00	96.82 0.14 0.00	87.37 0.09 0.00
DOGLEVILLE___HYD 23807	51.61 2.61 0.00	55.84 2.70 0.00	53.24 2.51 0.00	49.01 2.21 0.00	47.54 1.95 0.00	53.34 2.31 0.00	63.54 2.95 0.00	157.57 6.85 0.00	114.61 3.64 0.00	52.65 0.16 0.00	58.84 -0.14 0.00	63.12 -0.02 0.00	50.72 0.16 0.00	58.71 0.37 0.00	76.21 1.73 0.00	87.56 3.31 0.00	107.92 5.49 0.00	94.48 5.52 0.00	91.87 5.68 0.00	92.64 5.91 0.00	86.87 5.61 0.00	88.40 5.66 0.00	103.32 6.64 0.00	92.93 5.65 0.00
DUNKIRK__115KV_TB_200 55889	46.41 -2.59 0.00	50.61 -2.52 0.00	48.51 -2.22 0.00	45.39 -1.42 0.00	44.49 -1.10 0.00	49.65 -1.38 0.00	58.75 -1.84 0.00	147.98 -2.74 0.00	109.74 -1.23 0.00	52.44 -0.05 0.00	58.88 -0.10 0.00	63.70 0.56 0.00	51.15 0.58 0.00	59.11 0.77 0.00	75.70 1.22 0.00	85.20 0.95 0.00	101.83 -0.61 0.00	88.43 -0.53 0.00	86.08 -0.10 0.00	86.42 -0.31 0.00	80.83 -0.43 0.00	82.53 -0.22 0.00	95.28 -1.40 0.00	86.87 -0.41 0.00
DUNKIRK___1 23563	46.41 -2.59 0.00	50.61 -2.52 0.00	48.51 -2.22 0.00	45.39 -1.42 0.00	44.49 -1.10 0.00	49.65 -1.38 0.00	58.75 -1.84 0.00	147.98 -2.74 0.00	109.74 -1.23 0.00	52.44 -0.05 0.00	58.88 -0.10 0.00	63.70 0.56 0.00	51.15 0.58 0.00	59.11 0.77 0.00	75.70 1.22 0.00	85.20 0.95 0.00	101.83 -0.61 0.00	88.43 -0.53 0.00	86.08 -0.10 0.00	86.42 -0.31 0.00	80.83 -0.43 0.00	82.53 -0.22 0.00	95.28 -1.40 0.00	86.87 -0.41 0.00
DUNKIRK___2 23564	46.41 -2.59 0.00	50.61 -2.52 0.00	48.51 -2.22 0.00	45.39 -1.42 0.00	44.49 -1.10 0.00	49.65 -1.38 0.00	58.75 -1.84 0.00	147.98 -2.74 0.00	109.74 -1.23 0.00	52.44 -0.05 0.00	58.88 -0.10 0.00	63.70 0.56 0.00	51.15 0.58 0.00	59.11 0.77 0.00	75.70 1.22 0.00	85.20 0.95 0.00	101.83 -0.61 0.00	88.43 -0.53 0.00	86.08 -0.10 0.00	86.42 -0.31 0.00	80.83 -0.43 0.00	82.53 -0.22 0.00	95.28 -1.40 0.00	86.87 -0.41 0.00
DUNKIRK___3 23565	46.60 -2.41 0.00	50.78 -2.36 0.00	48.66 -2.08 0.00	45.42 -1.38 0.00	44.51 -1.08 0.00	49.61 -1.43 0.00	58.56 -2.03 0.00	147.28 -3.44 0.00	109.22 -1.76 0.00	52.26 -0.23 0.00	58.74 -0.24 0.00	63.49 0.35 0.00	50.97 0.41 0.00	58.90 0.56 0.00	75.39 0.91 0.00	84.75 0.51 0.00	101.33 -1.11 0.00	87.96 -1.01 0.00	85.54 -0.65 0.00	85.83 -0.90 0.00	80.35 -0.91 0.00	82.10 -0.65 0.00	94.85 -1.83 0.00	86.50 -0.78 0.00
DUNKIRK___4 23566	46.60 -2.41 0.00	50.78 -2.36 0.00	48.66 -2.08 0.00	45.42 -1.38 0.00	44.51 -1.08 0.00	49.61 -1.43 0.00	58.56 -2.03 0.00	147.28 -3.44 0.00	109.22 -1.76 0.00	52.26 -0.23 0.00	58.74 -0.24 0.00	63.49 0.35 0.00	50.97 0.41 0.00	58.90 0.56 0.00	75.39 0.91 0.00	84.75 0.51 0.00	101.33 -1.11 0.00	87.96 -1.01 0.00	85.54 -0.65 0.00	85.83 -0.90 0.00	80.35 -0.91 0.00	82.10 -0.65 0.00	94.85 -1.83 0.00	86.50 -0.78 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.81 1.80 0.00	54.96 1.82 0.00	52.44 1.70 0.00	48.28 1.47 0.00	46.93 1.33 0.00	52.53 1.50 0.00	62.59 2.00 0.00	154.57 3.85 0.00	112.60 1.63 0.00	53.19 0.69 0.00	59.86 0.88 0.00	64.64 1.50 0.00	52.04 1.47 0.00	59.88 1.54 0.00	76.24 1.76 0.00	86.21 1.96 0.00	105.41 2.98 0.00	91.47 2.51 0.00	88.42 2.23 0.00	89.06 2.33 0.00	83.22 1.97 0.00	84.74 1.99 0.00	99.13 2.45 0.00	89.30 2.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.52 1.52 0.00	54.68 1.55 0.00	52.18 1.45 0.00	48.07 1.27 0.00	46.72 1.12 0.00	52.30 1.27 0.00	62.34 1.75 0.00	154.15 3.43 0.00	112.40 1.43 0.00	52.95 0.46 0.00	59.44 0.46 0.00	64.06 0.91 0.00	51.55 0.99 0.00	59.37 1.02 0.00	75.74 1.26 0.00	85.77 1.52 0.00	105.00 2.56 0.00	91.19 2.23 0.00	88.24 2.05 0.00	88.92 2.19 0.00	83.16 1.91 0.00	84.66 1.91 0.00	98.94 2.26 0.00	89.12 1.85 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.89 1.89 0.00	55.12 1.98 0.00	52.61 1.88 0.00	48.40 1.60 0.00	47.08 1.48 0.00	52.71 1.68 0.00	62.77 2.19 0.00	155.31 4.59 0.00	113.16 2.19 0.00	53.41 0.92 0.00	60.17 1.19 0.00	64.87 1.73 0.00	52.36 1.80 0.00	60.11 1.77 0.00	76.41 1.92 0.00	86.43 2.18 0.00	105.67 3.23 0.00	91.76 2.79 0.00	88.48 2.30 0.00	89.10 2.37 0.00	83.25 2.00 0.00	84.88 2.13 0.00	99.24 2.56 0.00	89.25 1.97 0.00

E179THST_13_KV_LOAD 356214	51.09 2.09 0.00	55.33 2.19 0.00	52.80 2.06 0.00	48.58 1.77 0.00	47.24 1.65 0.00	52.92 1.89 0.00	63.04 2.45 0.00	156.06 5.34 0.00	113.72 2.74 0.00	53.68 1.19 0.00	60.47 1.49 0.00	65.20 2.05 0.00	52.63 2.06 0.00	60.44 2.10 0.00	76.80 2.31 0.00	86.88 2.64 0.00	106.24 3.80 0.00	92.27 3.30 0.00	88.96 2.77 0.00	89.60 2.87 0.00	83.68 2.42 0.00	85.31 2.56 0.00	99.72 3.04 0.00	89.66 2.39 0.00
EAST HAMPTON___GT 23717	49.89 0.89 0.00	53.89 0.75 0.00	51.17 0.44 0.00	47.18 0.38 0.00	45.99 0.39 0.00	51.83 0.79 0.00	60.02 -0.57 0.00	147.42 -2.11 1.18	104.90 -5.32 0.76	50.76 -1.73 0.00	59.58 0.60 0.00	63.98 0.83 0.00	51.90 1.33 0.00	60.75 2.41 0.00	78.68 4.20 0.00	90.75 6.08 -0.43	117.80 8.53 -6.84	100.16 6.35 -4.84	113.32 7.41 -19.73	125.82 7.95 -31.14	114.36 7.57 -25.53	110.55 6.88 -20.92	109.35 8.10 -4.57	95.90 6.95 -1.67
EAST RIVER___6 23660	50.81 1.81 0.00	55.05 1.92 0.00	52.53 1.79 0.00	48.31 1.50 0.00	46.93 1.34 0.00	52.55 1.52 0.00	62.69 2.10 0.00	155.05 4.33 0.00	112.94 1.97 0.00	53.48 0.99 0.00	60.09 1.11 0.00	64.99 1.85 0.00	52.35 1.79 0.00	60.23 1.89 0.00	76.60 2.12 0.00	86.55 2.30 0.00	105.90 3.47 0.00	91.78 2.81 0.00	88.63 2.44 0.00	89.18 2.45 0.00	83.26 2.01 0.00	84.73 1.98 0.00	99.06 2.38 0.00	89.13 1.85 0.00
EAST RIVER___7 23524	50.81 1.81 0.00	55.05 1.92 0.00	52.53 1.79 0.00	48.31 1.50 0.00	46.93 1.34 0.00	52.55 1.52 0.00	62.69 2.10 0.00	155.05 4.33 0.00	112.94 1.97 0.00	53.48 0.99 0.00	60.09 1.11 0.00	64.99 1.85 0.00	52.35 1.79 0.00	60.23 1.89 0.00	76.60 2.12 0.00	86.55 2.30 0.00	105.90 3.47 0.00	91.78 2.81 0.00	88.63 2.44 0.00	89.18 2.45 0.00	83.26 2.01 0.00	84.73 1.98 0.00	99.06 2.38 0.00	89.13 1.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.62 1.62 0.00	54.76 1.62 0.00	52.25 1.52 0.00	48.12 1.32 0.00	46.77 1.17 0.00	52.36 1.33 0.00	62.36 1.77 0.00	154.08 3.36 0.00	112.27 1.30 0.00	52.99 0.49 0.00	59.60 0.62 0.00	64.36 1.22 0.00	51.80 1.24 0.00	59.61 1.27 0.00	75.91 1.42 0.00	85.88 1.63 0.00	105.04 2.60 0.00	91.16 2.19 0.00	88.13 1.95 0.00	88.78 2.05 0.00	82.99 1.74 0.00	84.50 1.75 0.00	98.84 2.16 0.00	89.03 1.75 0.00
EAST_HAMPTON___DIESEL 23722	49.74 0.74 0.00	53.70 0.57 0.00	51.00 0.27 0.00	47.02 0.22 0.00	45.83 0.23 0.00	51.64 0.61 0.00	59.80 -0.79 0.00	146.91 -2.63 1.18	104.54 -5.68 0.76	50.63 -1.86 0.00	59.48 0.51 0.00	63.82 0.67 0.00	51.79 1.23 0.00	60.69 2.35 0.00	78.63 4.15 0.00	90.73 6.05 -0.43	117.79 8.51 -6.84	100.13 6.32 -4.84	113.31 7.40 -19.73	125.85 7.97 -31.14	114.38 7.59 -25.53	110.53 6.85 -20.92	109.32 8.07 -4.57	95.87 6.92 -1.67
EAST_POINT___SOLAR 323840	50.38 1.38 0.00	54.57 1.43 0.00	52.08 1.34 0.00	48.10 1.30 0.00	46.99 1.40 0.00	52.84 1.82 0.00	63.25 2.66 0.00	158.61 7.88 0.00	116.28 5.31 0.00	53.04 0.55 0.00	59.86 0.89 0.00	63.86 0.71 0.00	51.23 0.66 0.00	58.97 0.63 0.00	76.76 2.28 0.00	87.66 3.41 0.00	107.95 5.52 0.00	93.67 4.71 0.00	90.75 4.57 0.00	91.09 4.36 0.00	85.07 3.82 0.00	86.46 3.72 0.00	101.04 4.36 0.00	90.81 3.53 0.00
EAST_PULASKI___ESR 323781	47.30 -1.71 0.00	51.22 -1.92 0.00	48.95 -1.78 0.00	45.35 -1.46 0.00	44.14 -1.46 0.00	49.59 -1.44 0.00	59.14 -1.45 0.00	148.62 -2.10 0.00	109.76 -1.22 0.00	51.54 -0.95 0.00	57.76 -1.22 0.00	62.45 -0.70 0.00	49.67 -0.89 0.00	57.19 -1.15 0.00	72.95 -1.54 0.00	82.88 -1.36 0.00	100.78 -1.65 0.00	87.92 -1.04 0.00	85.14 -1.05 0.00	85.57 -1.16 0.00	80.00 -1.26 0.00	81.50 -1.25 0.00	94.91 -1.77 0.00	85.46 -1.83 0.00
EAST_RIVER___1 323558	50.88 1.87 0.00	55.00 1.87 0.00	52.48 1.75 0.00	48.32 1.51 0.00	46.99 1.40 0.00	52.61 1.58 0.00	62.75 2.16 0.00	155.10 4.38 0.00	112.95 1.98 0.00	53.39 0.90 0.00	60.08 1.10 0.00	64.97 1.82 0.00	52.33 1.77 0.00	60.21 1.87 0.00	76.58 2.09 0.00	86.50 2.26 0.00	105.82 3.39 0.00	91.73 2.76 0.00	88.60 2.41 0.00	89.20 2.46 0.00	83.28 2.03 0.00	84.78 2.03 0.00	99.09 2.41 0.00	89.21 1.93 0.00
EAST_RIVER___2 323559	50.81 1.81 0.00	55.05 1.92 0.00	52.53 1.79 0.00	48.31 1.50 0.00	46.93 1.34 0.00	52.55 1.52 0.00	62.69 2.10 0.00	155.05 4.33 0.00	112.94 1.97 0.00	53.48 0.99 0.00	60.09 1.11 0.00	64.99 1.85 0.00	52.35 1.79 0.00	60.23 1.89 0.00	76.60 2.12 0.00	86.55 2.30 0.00	105.90 3.47 0.00	91.78 2.81 0.00	88.63 2.44 0.00	89.18 2.45 0.00	83.26 2.01 0.00	84.73 1.98 0.00	99.06 2.38 0.00	89.13 1.85 0.00
EAST___DELAWARE_HYD 23607	49.96 0.96 0.00	54.19 1.06 0.00	51.73 0.99 0.00	47.64 0.84 0.00	46.35 0.75 0.00	51.90 0.87 0.00	61.94 1.36 0.00	153.26 2.54 0.00	111.21 0.24 0.00	52.16 -0.33 0.00	58.31 -0.67 0.00	62.70 -0.44 0.00	50.43 -0.14 0.00	58.14 -0.20 0.00	74.45 -0.03 0.00	84.55 0.30 0.00	103.75 1.31 0.00	90.20 1.23 0.00	87.28 1.10 0.00	87.99 1.25 0.00	82.24 0.99 0.00	83.67 0.93 0.00	97.64 0.96 0.00	87.88 0.60 0.00
EIGHT_POINT___WT_PWR 323820	45.05 -3.96 0.00	49.22 -3.92 0.00	47.09 -3.65 0.00	43.75 -3.06 0.00	42.85 -2.74 0.00	48.01 -3.02 0.00	57.80 -2.80 0.00	146.79 -3.93 0.00	119.66 8.69 0.00	55.72 3.23 0.00	61.74 2.76 0.00	66.23 3.09 0.00	53.93 3.37 0.00	62.61 4.27 0.00	81.04 6.56 0.00	91.39 7.14 0.00	110.59 8.15 0.00	97.27 8.31 0.00	94.14 7.96 0.00	94.26 7.53 0.00	86.55 5.29 0.00	87.05 4.30 0.00	99.13 2.45 0.00	88.19 0.91 0.00
ELBRIDGE_115KV_TB2 80188	47.89 -1.12 0.00	51.88 -1.26 0.00	49.58 -1.15 0.00	45.81 -1.00 0.00	44.67 -0.93 0.00	50.04 -0.99 0.00	59.46 -1.13 0.00	148.32 -2.41 0.00	109.58 -1.40 0.00	51.49 -1.00 0.00	57.71 -1.27 0.00	62.38 -0.76 0.00	49.69 -0.88 0.00	57.29 -1.05 0.00	73.31 -1.18 0.00	83.12 -1.13 0.00	100.75 -1.69 0.00	87.78 -1.19 0.00	85.04 -1.15 0.00	85.54 -1.19 0.00	80.07 -1.19 0.00	81.44 -1.31 0.00	94.81 -1.87 0.00	85.39 -1.89 0.00
ELEC_TRO_TEK 24086	51.02 2.01 0.00	55.17 2.04 0.00	52.62 1.89 0.00	48.46 1.66 0.00	47.12 1.53 0.00	52.84 1.81 0.00	62.64 2.05 0.00	154.67 3.95 0.00	112.19 1.21 0.00	53.13 0.63 0.00	60.12 1.14 0.00	64.98 1.83 0.00	52.18 1.62 0.00	60.01 1.67 0.00	76.79 2.31 0.00	87.57 2.55 -0.78	106.09 3.64 -0.01	98.97 3.00 -7.00	108.58 2.82 -19.57	128.89 2.93 -39.23	129.62 2.63 -45.73	123.68 2.78 -38.15	108.38 3.37 -8.32	93.28 2.96 -3.04
ELLENBURG_WT_PWR 323604	48.96 -0.05 0.00	52.78 -0.35 0.00	50.21 -0.53 0.00	46.32 -0.49 0.00	45.30 -0.30 0.00	50.98 -0.05 0.00	60.66 0.07 0.00	151.89 1.17 0.00	111.50 0.53 0.00	52.79 0.30 0.00	59.66 0.68 0.00	64.07 0.93 0.00	51.43 0.87 0.00	59.61 1.27 0.00	76.37 1.89 0.00	86.48 2.23 0.00	105.12 2.68 0.00	91.49 2.53 0.00	88.61 2.42 0.00	89.24 2.51 0.00	83.71 2.45 0.00	85.04 2.29 0.00	99.56 2.88 0.00	90.03 2.75 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.05 -1.96 0.00	51.19 -1.95 0.00	49.03 -1.71 0.00	45.67 -1.13 0.00	44.75 -0.84 0.00	49.70 -1.34 0.00	58.41 -2.19 0.00	146.37 -4.35 0.00	108.84 -2.13 0.00	52.46 -0.03 0.00	58.91 -0.07 0.00	63.62 0.48 0.00	51.01 0.44 0.00	59.10 0.75 0.00	75.33 0.85 0.00	84.28 0.03 0.00	100.83 -1.61 0.00	87.49 -1.48 0.00	84.77 -1.41 0.00	84.86 -1.87 0.00	79.85 -1.41 0.00	81.56 -1.19 0.00	94.10 -2.58 0.00	85.01 -2.27 0.00
EMPIRE_CC_1 323656	50.36 1.35 0.00	54.57 1.43 0.00	52.14 1.41 0.00	48.09 1.28 0.00	46.65 1.05 0.00	51.96 0.93 0.00	61.52 0.93 0.00	151.47 0.75 0.00	110.86 -0.12 0.00	52.15 -0.35 0.00	58.69 -0.28 0.00	63.16 0.01 0.00	50.75 0.19 0.00	58.60 0.25 0.00	74.47 -0.01 0.00	84.37 0.12 0.00	102.85 0.41 0.00	89.16 0.20 0.00	86.42 0.24 0.00	87.21 0.48 0.00	81.92 0.67 0.00	83.57 0.82 0.00	97.85 1.17 0.00	88.60 1.32 0.00
EMPIRE_CC_2 323658	50.36 1.35 0.00	54.57 1.43 0.00	52.14 1.41 0.00	48.09 1.28 0.00	46.65 1.05 0.00	51.96 0.93 0.00	61.52 0.93 0.00	151.47 0.75 0.00	110.86 -0.12 0.00	52.15 -0.35 0.00	58.69 -0.28 0.00	63.16 0.01 0.00	50.75 0.19 0.00	58.60 0.25 0.00	74.47 -0.01 0.00	84.37 0.12 0.00	102.85 0.41 0.00	89.16 0.20 0.00	86.42 0.24 0.00	87.21 0.48 0.00	81.92 0.67 0.00	83.57 0.82 0.00	97.85 1.17 0.00	88.60 1.32 0.00
ENORWICH_115KV_TB1 80156	49.67 0.66 0.00	53.55 0.41 0.00	50.72 -0.01 0.00	46.79 -0.01 0.00	45.67 0.07 0.00	51.56 0.53 0.00	62.11 1.52 0.00	155.98 5.26 0.00	114.87 3.89 0.00	54.14 1.64 0.00	60.56 1.58 0.00	65.07 1.93 0.00	51.87 1.31 0.00	60.59 2.24 0.00	78.89 4.41 0.00	90.65 6.40 0.00	110.92 8.49 0.00	97.40 8.43 0.00	94.48 8.30 0.00	95.02 8.29 0.00	88.74 7.49 0.00	90.10 7.35 0.00	103.90 7.22 0.00	92.15 4.87 0.00
ERIE_ST__34_KV_TB1-2 80199	47.59 -1.42 0.00	51.75 -1.38 0.00	49.56 -1.18 0.00	46.11 -0.69 0.00	45.18 -0.41 0.00	50.27 -0.76 0.00	59.11 -1.48 0.00	148.35 -2.37 0.00	110.20 -0.78 0.00	53.04 0.55 0.00	59.67 0.70 0.00	64.36 1.22 0.00	51.53 0.96 0.00	59.65 1.31 0.00	76.16 1.68 0.00	85.30 1.05 0.00	102.20 -0.24 0.00	88.74 -0.23 0.00	86.09 -0.10 0.00	86.23 -0.50 0.00	81.01 -0.25 0.00	82.74 -0.01 0.00	95.48 -1.20 0.00	85.96 -1.32 0.00
ERIE_WT_PWR 323693	47.22 -1.78 0.00	51.38 -1.75 0.00	49.22 -1.52 0.00	45.82 -0.98 0.00	44.85 -0.75 0.00	49.97 -1.06 0.00	58.78 -1.81 0.00	147.47 -3.25 0.00	109.65 -1.32 0.00	52.82 0.32 0.00	59.33 0.36 0.00	64.05 0.91 0.00	51.32 0.76 0.00	59.46 1.12 0.00	75.85 1.36 0.00	84.91 0.66 0.00	101.61 -0.83 0.00	88.19 -0.78 0.00	85.47 -0.71 0.00	85.58 -1.15 0.00	80.53 -0.73 0.00	82.23 -0.51 0.00	94.88 -1.80 0.00	85.62 -1.66 0.00
ESPRGFLD_115KV_TB1 80157	48.83 -0.17 0.00	52.94 -0.20 0.00	50.49 -0.24 0.00	46.67 -0.13 0.00	45.50 -0.09 0.00	51.14 0.11 0.00	61.19 0.60 0.00	155.09 4.37 0.00	115.00 4.03 0.00	54.27 1.77 0.00	61.22 2.24 0.00	65.60 2.45 0.00	52.32 1.76 0.00	60.33 1.99 0.00	77.20 2.71 0.00	86.38 2.13 0.00	105.40 2.96 0.00	91.24 2.28 0.00	88.38 2.20 0.00	88.70 1.97 0.00	82.79 1.54 0.00	84.21 1.46 0.00	98.33 1.65 0.00	88.25 0.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.89 -0.12 0.00	52.97 -0.16 0.00	50.56 -0.17 0.00	46.70 -0.10 0.00	45.54 -0.06 0.00	51.09 0.06 0.00	60.89 0.30 0.00	152.07 1.35 0.00	112.33 1.36 0.00	52.89 0.39 0.00	59.21 0.23 0.00	63.67 0.53 0.00	50.58 0.01 0.00	58.46 0.12 0.00	75.34 0.86 0.00	85.80 1.56 0.00	103.82 1.39 0.00	90.88 1.91 0.00	88.19 2.01 0.00	88.68 1.95 0.00	82.87 1.61 0.00	84.27 1.52 0.00	97.84 1.16 0.00	87.86 0.59 0.00
ETNA____115KV_TB2 80207	48.89 -0.12 0.00	52.97 -0.16 0.00	50.56 -0.17 0.00	46.70 -0.10 0.00	45.54 -0.06 0.00	51.09 0.06 0.00	60.89 0.30 0.00	152.07 1.35 0.00	112.33 1.36 0.00	52.89 0.39 0.00	59.21 0.23 0.00	63.67 0.53 0.00	50.58 0.01 0.00	58.46 0.12 0.00	75.34 0.86 0.00	85.80 1.56 0.00	103.82 1.39 0.00	90.88 1.91 0.00	88.19 2.01 0.00	88.68 1.95 0.00	82.87 1.61 0.00	84.27 1.52 0.00	97.84 1.16 0.00	87.86 0.59 0.00
EUCLID__115KV_TB2 356179	47.69 -1.32 0.00	51.71 -1.43 0.00	49.40 -1.33 0.00	45.62 -1.18 0.00	44.47 -1.13 0.00	49.78 -1.25 0.00	59.13 -1.46 0.00	147.69 -3.03 0.00	109.06 -1.92 0.00	51.39 -1.10 0.00	57.53 -1.45 0.00	62.17 -0.98 0.00	49.56 -1.01 0.00	57.13 -1.21 0.00	73.06 -1.42 0.00	82.67 -1.58 0.00	100.26 -2.18 0.00	87.26 -1.71 0.00	84.53 -1.66 0.00	84.98 -1.75 0.00	79.59 -1.66 0.00	81.04 -1.71 0.00	94.33 -2.34 0.00	85.01 -2.27 0.00
E_CANADA_CAP_HY 24051	48.89 -0.12 0.00	52.96 -0.18 0.00	50.53 -0.20 0.00	46.70 -0.10 0.00	45.65 0.05 0.00	51.28 0.24 0.00	61.31 0.73 0.00	154.33 3.61 0.00	114.15 3.17 0.00	53.51 1.02 0.00	60.33 1.35 0.00	64.54 1.40 0.00	51.57 1.00 0.00	59.37 1.03 0.00	76.18 1.70 0.00	85.74 1.49 0.00	104.86 2.42 0.00	90.69 1.73 0.00	87.79 1.61 0.00	88.08 1.36 0.00	82.24 0.98 0.00	83.66 0.92 0.00	98.12 1.44 0.00	88.31 1.03 0.00
E_CANADA_MHWK_HY 24050	51.61 2.61 0.00	55.84 2.70 0.00	53.24 2.51 0.00	49.01 2.21 0.00	47.54 1.94 0.00	53.34 2.31 0.00	63.54 2.95 0.00	157.57 6.85 0.00	114.61 3.63 0.00	52.65 0.16 0.00	58.84 -0.14 0.00	63.12 -0.02 0.00	50.72 0.16 0.00	58.71 0.37 0.00	76.21 1.73 0.00	87.56 3.31 0.00	107.92 5.48 0.00	94.48 5.52 0.00	91.86 5.68 0.00	92.64 5.90 0.00	86.87 5.61 0.00	88.39 5.64 0.00	103.32 6.64 0.00	92.93 5.65 0.00
E_FISHKILL__LBMP 23776	50.48 1.48 0.00	54.63 1.50 0.00	52.14 1.41 0.00	48.03 1.22 0.00	46.66 1.07 0.00	52.20 1.16 0.00	62.16 1.57 0.00	153.51 2.79 0.00	111.95 0.97 0.00	52.79 0.30 0.00	59.36 0.38 0.00	64.04 0.90 0.00	51.53 0.97 0.00	59.34 1.00 0.00	75.59 1.11 0.00	85.53 1.29 0.00	104.56 2.12 0.00	90.77 1.80 0.00	87.80 1.61 0.00	88.46 1.73 0.00	82.76 1.51 0.00	84.29 1.54 0.00	98.57 1.88 0.00	88.86 1.59 0.00
FALCON__SEABRD_CC1 323796	49.59 0.59 0.00	53.46 0.32 0.00	50.82 0.08 0.00	46.82 0.01 0.00	45.76 0.16 0.00	51.62 0.59 0.00	61.41 0.82 0.00	153.81 3.09 0.00	112.99 2.01 0.00	53.43 0.94 0.00	60.39 1.41 0.00	64.82 1.67 0.00	52.06 1.50 0.00	60.39 2.05 0.00	77.56 3.07 0.00	87.87 3.62 0.00	106.89 4.46 0.00	93.14 4.18 0.00	90.13 3.95 0.00	90.93 4.20 0.00	85.37 4.12 0.00	86.65 3.90 0.00	101.39 4.71 0.00	91.61 4.33 0.00
FALCON__SEABRD_CC2 323797	49.59 0.59 0.00	53.46 0.32 0.00	50.82 0.08 0.00	46.82 0.01 0.00	45.76 0.16 0.00	51.62 0.59 0.00	61.41 0.82 0.00	153.81 3.09 0.00	112.99 2.01 0.00	53.43 0.94 0.00	60.39 1.41 0.00	64.82 1.67 0.00	52.06 1.50 0.00	60.39 2.05 0.00	77.56 3.07 0.00	87.87 3.62 0.00	106.89 4.46 0.00	93.14 4.18 0.00	90.13 3.95 0.00	90.93 4.20 0.00	85.37 4.12 0.00	86.65 3.90 0.00	101.39 4.71 0.00	91.61 4.33 0.00

FAR ROCKAWAY___4 23548	51.73 2.73 0.00	55.92 2.78 0.00	53.33 2.60 0.00	49.12 2.32 0.00	47.79 2.19 0.00	53.60 2.57 0.00	63.62 3.03 0.00	157.18 6.46 0.00	113.97 2.99 0.00	53.95 1.46 0.00	61.04 2.06 0.00	65.98 2.83 0.00	52.96 2.39 0.00	60.97 2.63 0.00	78.07 3.58 0.00	89.08 4.09 -0.74	108.03 5.59 -0.01	100.36 4.78 -6.61	109.14 4.48 -18.48	128.37 4.60 -37.05	128.63 4.18 -43.18	123.03 4.26 -36.03	109.60 5.06 -7.86	94.55 4.40 -2.88
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.93 1.92 0.00	55.06 1.93 0.00	52.53 1.80 0.00	48.36 1.56 0.00	47.02 1.43 0.00	52.66 1.62 0.00	62.80 2.22 0.00	155.22 4.50 0.00	113.06 2.08 0.00	53.43 0.94 0.00	60.14 1.16 0.00	65.02 1.88 0.00	52.37 1.80 0.00	60.24 1.89 0.00	76.61 2.13 0.00	86.55 2.30 0.00	105.89 3.45 0.00	91.80 2.84 0.00	88.65 2.46 0.00	89.26 2.52 0.00	83.35 2.09 0.00	84.84 2.09 0.00	99.19 2.51 0.00	89.30 2.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.96 1.96 0.00	55.10 1.96 0.00	52.57 1.84 0.00	48.40 1.60 0.00	47.05 1.45 0.00	52.68 1.65 0.00	62.83 2.24 0.00	155.35 4.62 0.00	113.15 2.18 0.00	53.47 0.97 0.00	60.15 1.17 0.00	65.04 1.90 0.00	52.38 1.82 0.00	60.27 1.92 0.00	76.65 2.17 0.00	86.59 2.35 0.00	105.96 3.53 0.00	91.86 2.89 0.00	88.72 2.53 0.00	89.32 2.59 0.00	83.42 2.16 0.00	84.90 2.15 0.00	99.27 2.59 0.00	89.37 2.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.90 1.89 0.00	55.05 1.91 0.00	52.52 1.79 0.00	48.35 1.55 0.00	47.00 1.40 0.00	52.63 1.59 0.00	62.76 2.17 0.00	155.11 4.39 0.00	113.03 2.05 0.00	53.41 0.92 0.00	60.09 1.11 0.00	64.98 1.83 0.00	52.33 1.77 0.00	60.21 1.87 0.00	76.58 2.09 0.00	86.51 2.26 0.00	105.82 3.38 0.00	91.74 2.77 0.00	88.60 2.41 0.00	89.20 2.47 0.00	83.30 2.04 0.00	84.79 2.04 0.00	99.13 2.45 0.00	89.25 1.97 0.00
FARRAGUT___LBMP 323566	50.87 1.87 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.51 0.00	46.98 1.38 0.00	52.60 1.57 0.00	62.71 2.12 0.00	155.00 4.28 0.00	112.92 1.94 0.00	53.36 0.87 0.00	60.03 1.05 0.00	64.91 1.77 0.00	52.28 1.72 0.00	60.15 1.81 0.00	76.50 2.02 0.00	86.42 2.17 0.00	105.71 3.28 0.00	91.65 2.68 0.00	88.51 2.33 0.00	89.13 2.40 0.00	83.23 1.97 0.00	84.71 1.96 0.00	99.07 2.39 0.00	89.20 1.92 0.00
FENNER___WINDPWR 24204	49.23 0.22 0.00	53.45 0.32 0.00	51.06 0.33 0.00	47.18 0.37 0.00	46.01 0.42 0.00	51.64 0.61 0.00	61.60 1.01 0.00	152.81 2.09 0.00	112.47 1.50 0.00	52.89 0.40 0.00	59.30 0.32 0.00	63.81 0.66 0.00	50.88 0.32 0.00	58.84 0.50 0.00	75.44 0.96 0.00	85.64 1.39 0.00	103.84 1.40 0.00	90.37 1.40 0.00	87.60 1.42 0.00	88.11 1.38 0.00	82.44 1.18 0.00	83.90 1.16 0.00	97.66 0.98 0.00	87.94 0.66 0.00
FIBERTEK___ENERGY 23856	48.13 -0.88 0.00	52.16 -0.97 0.00	49.83 -0.90 0.00	46.02 -0.78 0.00	44.88 -0.72 0.00	50.27 -0.76 0.00	59.76 -0.83 0.00	149.22 -1.50 0.00	110.19 -0.78 0.00	51.80 -0.70 0.00	58.02 -0.95 0.00	62.71 -0.43 0.00	49.95 -0.62 0.00	57.59 -0.75 0.00	73.70 -0.78 0.00	83.53 -0.72 0.00	101.26 -1.18 0.00	88.24 -0.72 0.00	85.49 -0.70 0.00	85.99 -0.74 0.00	80.46 -0.79 0.00	81.87 -0.87 0.00	95.29 -1.39 0.00	85.82 -1.46 0.00
FITZPATRICK___ 23598	47.02 -1.98 0.00	50.96 -2.17 0.00	48.71 -2.03 0.00	44.98 -1.83 0.00	43.83 -1.76 0.00	49.07 -1.96 0.00	58.25 -2.34 0.00	145.49 -5.23 0.00	107.49 -3.49 0.00	50.57 -1.92 0.00	56.60 -2.38 0.00	61.25 -1.90 0.00	48.80 -1.76 0.00	56.24 -2.11 0.00	71.84 -2.64 0.00	81.28 -2.97 0.00	98.64 -3.79 0.00	85.82 -3.14 0.00	83.13 -3.06 0.00	83.61 -3.12 0.00	78.30 -2.95 0.00	79.74 -3.01 0.00	92.93 -3.75 0.00	83.80 -3.48 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.06 2.06 0.00	55.27 2.13 0.00	52.71 1.98 0.00	48.57 1.77 0.00	47.22 1.62 0.00	52.84 1.81 0.00	63.02 2.43 0.00	155.88 5.16 0.00	113.61 2.64 0.00	53.50 1.01 0.00	60.11 1.13 0.00	64.78 1.64 0.00	52.13 1.56 0.00	60.11 1.76 0.00	76.66 2.18 0.00	86.84 2.59 0.00	106.27 3.84 0.00	92.33 3.37 0.00	89.36 3.17 0.00	90.07 3.34 0.00	84.23 2.97 0.00	85.73 2.98 0.00	100.17 3.49 0.00	90.18 2.90 0.00
FORT ORANGE___ 23900	50.41 1.40 0.00	54.66 1.52 0.00	52.21 1.48 0.00	48.09 1.29 0.00	46.64 1.05 0.00	51.91 0.88 0.00	61.43 0.84 0.00	151.49 0.77 0.00	110.87 -0.11 0.00	52.15 -0.35 0.00	58.44 -0.54 0.00	62.75 -0.39 0.00	50.44 -0.12 0.00	58.25 -0.10 0.00	74.22 -0.27 0.00	84.26 0.01 0.00	102.85 0.41 0.00	89.37 0.40 0.00	86.42 0.24 0.00	87.18 0.45 0.00	81.76 0.51 0.00	83.78 1.03 0.00	98.31 1.63 0.00	88.80 1.52 0.00
FORT_DRUM_COGEN 23780	46.86 -2.15 0.00	50.82 -2.31 0.00	48.63 -2.10 0.00	45.46 -1.34 0.00	44.09 -1.51 0.00	50.08 -0.95 0.00	60.65 0.06 0.00	154.55 3.83 0.00	113.99 3.02 0.00	53.41 0.92 0.00	59.92 0.94 0.00	64.24 1.09 0.00	50.99 0.42 0.00	58.97 0.63 0.00	75.42 0.93 0.00	86.68 2.43 0.00	106.23 3.80 0.00	93.13 4.17 0.00	90.11 3.92 0.00	90.39 3.66 0.00	84.27 3.02 0.00	85.86 3.11 0.00	99.70 3.03 0.00	89.36 2.08 0.00
FOX_HILLS___ESR 323835	50.95 1.94 0.00	55.10 1.96 0.00	52.57 1.83 0.00	48.39 1.59 0.00	47.07 1.48 0.00	52.74 1.71 0.00	62.89 2.30 0.00	155.59 4.87 0.00	113.23 2.26 0.00	53.38 0.89 0.00	60.04 1.06 0.00	64.76 1.61 0.00	52.24 1.67 0.00	60.03 1.69 0.00	76.06 1.58 0.00	86.14 1.90 0.00	105.56 3.13 0.00	91.70 2.73 0.00	88.46 2.28 0.00	89.16 2.43 0.00	83.33 2.07 0.00	84.88 2.14 0.00	99.12 2.44 0.00	89.19 1.91 0.00
FPL_FAR_ROCK_GT1 24212	51.73 2.72 0.00	55.92 2.78 0.00	53.33 2.60 0.00	49.12 2.32 0.00	47.79 2.20 0.00	53.60 2.57 0.00	63.62 3.03 0.00	157.19 6.47 0.00	113.99 3.02 0.00	53.95 1.46 0.00	61.03 2.06 0.00	65.98 2.83 0.00	52.96 2.39 0.00	60.97 2.63 0.00	78.07 3.58 0.00	89.07 4.09 -0.74	108.03 5.59 -0.01	100.35 4.78 -6.61	109.15 4.49 -18.48	128.39 4.61 -37.05	128.63 4.19 -43.18	123.04 4.26 -36.03	109.62 5.08 -7.86	94.55 4.40 -2.88
FPL_FAR_ROCK_GT2 23815	51.73 2.72 0.00	55.92 2.78 0.00	53.33 2.60 0.00	49.12 2.32 0.00	47.79 2.20 0.00	53.60 2.57 0.00	63.62 3.03 0.00	157.19 6.47 0.00	113.99 3.02 0.00	53.95 1.46 0.00	61.03 2.06 0.00	65.98 2.83 0.00	52.96 2.39 0.00	60.97 2.63 0.00	78.07 3.58 0.00	89.07 4.09 -0.74	108.03 5.59 -0.01	100.35 4.78 -6.61	109.15 4.49 -18.48	128.39 4.61 -37.05	128.63 4.19 -43.18	123.04 4.26 -36.03	109.62 5.08 -7.86	94.55 4.40 -2.88
FRANKLIN_FALL_HYD 24054	49.59 0.59 0.00	53.52 0.38 0.00	51.00 0.26 0.00	47.10 0.30 0.00	46.09 0.50 0.00	51.86 0.82 0.00	61.89 1.30 0.00	155.11 4.39 0.00	113.96 2.99 0.00	53.96 1.47 0.00	60.98 2.00 0.00	65.42 2.28 0.00	52.39 1.83 0.00	60.69 2.35 0.00	77.57 3.09 0.00	87.84 3.59 0.00	107.24 4.80 0.00	93.75 4.78 0.00	90.44 4.26 0.00	91.03 4.30 0.00	85.66 4.40 0.00	86.70 3.95 0.00	101.77 5.09 0.00	92.19 4.91 0.00

FREEPORT_EQUS_GT1 23764	51.31 2.30 0.00	55.49 2.35 0.00	52.90 2.16 0.00	48.72 1.91 0.00	47.38 1.78 0.00	53.14 2.11 0.00	62.90 2.31 0.00	154.77 4.75 0.71	111.77 1.25 0.45	53.24 0.75 0.00	60.39 1.41 0.00	65.30 2.16 0.00	52.43 1.86 0.00	60.28 1.94 0.00	77.29 2.80 0.00	87.72 2.88 -0.60	106.26 3.82 -0.01	97.61 3.25 -5.39	104.39 3.13 -15.07	120.14 3.19 -30.21	119.38 2.90 -35.22	115.33 3.20 -29.38	106.95 3.86 -6.41	93.06 3.44 -2.34
FREEPORT___CT2 23818	51.31 2.30 0.00	55.49 2.35 0.00	52.90 2.16 0.00	48.72 1.91 0.00	47.38 1.78 0.00	53.14 2.11 0.00	62.90 2.31 0.00	154.77 4.75 0.71	111.77 1.25 0.45	53.24 0.75 0.00	60.39 1.41 0.00	65.30 2.16 0.00	52.43 1.86 0.00	60.28 1.94 0.00	77.29 2.80 0.00	87.72 2.88 -0.60	106.26 3.82 -0.01	97.61 3.25 -5.39	104.39 3.13 -15.07	120.14 3.19 -30.21	119.38 2.90 -35.22	115.33 3.20 -29.38	106.95 3.86 -6.41	93.06 3.44 -2.34
FRESHKLS_33_KV_LOAD 356253	51.00 2.00 0.00	55.18 2.04 0.00	52.65 1.92 0.00	48.48 1.68 0.00	47.17 1.57 0.00	52.85 1.82 0.00	63.04 2.45 0.00	155.98 5.26 0.00	113.44 2.46 0.00	53.40 0.90 0.00	59.98 1.01 0.00	64.67 1.53 0.00	52.19 1.63 0.00	59.99 1.65 0.00	75.91 1.42 0.00	86.19 1.94 0.00	105.77 3.33 0.00	91.94 2.97 0.00	88.72 2.53 0.00	89.41 2.68 0.00	83.62 2.36 0.00	85.16 2.41 0.00	99.32 2.64 0.00	89.36 2.09 0.00
FULTON COGEN____ 23766	47.20 -1.80 0.00	51.19 -1.95 0.00	48.90 -1.84 0.00	45.16 -1.64 0.00	44.00 -1.59 0.00	49.30 -1.74 0.00	58.56 -2.03 0.00	146.52 -4.20 0.00	108.15 -2.83 0.00	50.71 -1.78 0.00	56.89 -2.08 0.00	61.57 -1.57 0.00	49.06 -1.50 0.00	56.52 -1.83 0.00	72.23 -2.26 0.00	81.74 -2.51 0.00	99.18 -3.26 0.00	86.37 -2.59 0.00	83.64 -2.54 0.00	84.12 -2.62 0.00	78.74 -2.52 0.00	80.17 -2.57 0.00	93.33 -3.35 0.00	84.09 -3.19 0.00
FULTON___LFGE 323630	50.25 1.24 0.00	54.45 1.31 0.00	51.95 1.21 0.00	47.93 1.13 0.00	46.79 1.19 0.00	52.55 1.52 0.00	62.80 2.21 0.00	157.09 6.37 0.00	115.53 4.56 0.00	53.45 0.96 0.00	59.89 0.91 0.00	64.02 0.88 0.00	51.17 0.61 0.00	59.10 0.76 0.00	76.28 1.79 0.00	87.23 2.99 0.00	106.99 4.56 0.00	92.78 3.81 0.00	89.85 3.66 0.00	90.29 3.56 0.00	84.37 3.11 0.00	85.81 3.06 0.00	100.28 3.60 0.00	90.18 2.90 0.00
G.F.CEMENT___DRP 24184	52.68 3.67 0.00	57.10 3.97 0.00	54.44 3.71 0.00	49.99 3.19 0.00	48.45 2.85 0.00	54.31 3.28 0.00	64.38 3.79 0.00	158.05 7.32 0.00	115.42 4.45 0.00	53.94 1.45 0.00	60.50 1.52 0.00	64.87 1.72 0.00	52.08 1.52 0.00	60.43 2.09 0.00	77.46 2.97 0.00	88.18 3.93 0.00	108.08 5.65 0.00	93.54 4.58 0.00	90.95 4.77 0.00	91.90 5.17 0.00	86.37 5.12 0.00	87.78 5.03 0.00	102.41 5.73 0.00	92.30 5.03 0.00
GARDENVILLE___LBMP 24039	47.00 -2.00 0.00	51.16 -1.98 0.00	49.00 -1.73 0.00	45.64 -1.16 0.00	44.73 -0.87 0.00	49.71 -1.32 0.00	58.48 -2.11 0.00	146.68 -4.04 0.00	109.02 -1.95 0.00	52.48 -0.01 0.00	58.97 -0.01 0.00	63.66 0.51 0.00	51.05 0.49 0.00	59.14 0.80 0.00	75.44 0.95 0.00	84.43 0.18 0.00	101.02 -1.41 0.00	87.67 -1.29 0.00	85.00 -1.19 0.00	85.10 -1.63 0.00	80.03 -1.23 0.00	81.74 -1.01 0.00	94.31 -2.37 0.00	85.21 -2.06 0.00
GARDNVLA_35_KV_LD 355827	47.44 -1.57 0.00	51.59 -1.55 0.00	49.42 -1.31 0.00	46.01 -0.79 0.00	45.09 -0.51 0.00	50.17 -0.86 0.00	59.04 -1.55 0.00	148.28 -2.44 0.00	110.19 -0.79 0.00	53.06 0.56 0.00	59.62 0.64 0.00	64.34 1.20 0.00	51.58 1.02 0.00	59.80 1.46 0.00	76.28 1.80 0.00	85.38 1.13 0.00	102.13 -0.31 0.00	88.69 -0.27 0.00	86.04 -0.15 0.00	86.14 -0.59 0.00	80.99 -0.26 0.00	82.67 -0.07 0.00	95.31 -1.37 0.00	85.99 -1.29 0.00
GELCKHM___115KV_LOAD 80723	47.86 -1.14 0.00	51.89 -1.25 0.00	49.56 -1.17 0.00	45.77 -1.03 0.00	44.63 -0.97 0.00	49.98 -1.05 0.00	59.37 -1.22 0.00	148.29 -2.43 0.00	109.48 -1.49 0.00	51.55 -0.94 0.00	57.72 -1.26 0.00	62.38 -0.76 0.00	49.71 -0.86 0.00	57.31 -1.03 0.00	73.31 -1.17 0.00	83.01 -1.24 0.00	100.67 -1.77 0.00	87.64 -1.33 0.00	84.91 -1.27 0.00	85.40 -1.33 0.00	79.93 -1.32 0.00	81.37 -1.38 0.00	94.72 -1.97 0.00	85.31 -1.97 0.00
GENERAL___MILLS 23808	47.24 -1.76 0.00	51.40 -1.74 0.00	49.24 -1.50 0.00	45.84 -0.97 0.00	44.91 -0.69 0.00	49.96 -1.07 0.00	58.75 -1.84 0.00	147.43 -3.29 0.00	109.54 -1.44 0.00	52.76 0.27 0.00	59.29 0.32 0.00	64.02 0.88 0.00	51.30 0.74 0.00	59.42 1.08 0.00	75.80 1.31 0.00	84.84 0.59 0.00	101.52 -0.91 0.00	88.14 -0.83 0.00	85.46 -0.72 0.00	85.56 -1.17 0.00	80.47 -0.78 0.00	82.18 -0.57 0.00	94.80 -1.88 0.00	85.57 -1.71 0.00
GE_PLASTICS___DRP 24183	50.09 1.09 0.00	54.34 1.21 0.00	51.91 1.17 0.00	47.83 1.03 0.00	46.43 0.83 0.00	51.79 0.76 0.00	61.47 0.88 0.00	151.70 0.97 0.00	111.12 0.15 0.00	52.38 -0.12 0.00	58.81 -0.17 0.00	63.22 0.08 0.00	50.80 0.24 0.00	58.60 0.26 0.00	74.64 0.15 0.00	84.56 0.31 0.00	103.07 0.63 0.00	89.48 0.51 0.00	86.57 0.39 0.00	87.31 0.58 0.00	81.86 0.60 0.00	83.50 0.75 0.00	97.69 1.01 0.00	88.28 1.00 0.00
GILBOA___1 23756	50.03 1.02 0.00	54.57 1.43 0.00	52.09 1.36 0.00	47.84 1.04 0.00	46.34 0.74 0.00	51.65 0.62 0.00	61.36 0.77 0.00	151.62 0.90 0.00	111.03 0.06 0.00	52.47 -0.03 0.00	58.93 -0.04 0.00	63.43 0.29 0.00	51.01 0.44 0.00	58.78 0.44 0.00	74.88 0.40 0.00	84.65 0.40 0.00	102.73 0.29 0.00	89.05 0.08 0.00	86.24 0.06 0.00	87.05 0.32 0.00	81.57 0.31 0.00	83.27 0.52 0.00	97.50 0.82 0.00	88.07 0.79 0.00
GILBOA___2 23757	50.03 1.02 0.00	54.57 1.43 0.00	52.09 1.36 0.00	47.84 1.04 0.00	46.34 0.74 0.00	51.65 0.62 0.00	61.36 0.77 0.00	151.62 0.90 0.00	111.03 0.06 0.00	52.47 -0.03 0.00	58.93 -0.04 0.00	63.43 0.29 0.00	51.01 0.44 0.00	58.78 0.44 0.00	74.88 0.40 0.00	84.65 0.40 0.00	102.73 0.29 0.00	89.05 0.08 0.00	86.24 0.06 0.00	87.05 0.32 0.00	81.57 0.31 0.00	83.27 0.52 0.00	97.50 0.82 0.00	88.07 0.79 0.00
GILBOA___3 23758	50.03 1.02 0.00	54.57 1.43 0.00	52.09 1.36 0.00	47.84 1.04 0.00	46.34 0.74 0.00	51.65 0.62 0.00	61.36 0.77 0.00	151.62 0.90 0.00	111.03 0.06 0.00	52.47 -0.03 0.00	58.93 -0.04 0.00	63.43 0.29 0.00	51.01 0.44 0.00	58.78 0.44 0.00	74.88 0.40 0.00	84.65 0.40 0.00	102.73 0.29 0.00	89.05 0.08 0.00	86.24 0.06 0.00	87.05 0.32 0.00	81.57 0.31 0.00	83.27 0.52 0.00	97.50 0.82 0.00	88.07 0.79 0.00
GILBOA___4 23759	50.03 1.02 0.00	54.57 1.43 0.00	52.09 1.36 0.00	47.84 1.04 0.00	46.34 0.74 0.00	51.65 0.62 0.00	61.36 0.77 0.00	151.62 0.90 0.00	111.03 0.06 0.00	52.47 -0.03 0.00	58.93 -0.04 0.00	63.43 0.29 0.00	51.01 0.44 0.00	58.78 0.44 0.00	74.88 0.40 0.00	84.65 0.40 0.00	102.73 0.29 0.00	89.05 0.08 0.00	86.24 0.06 0.00	87.05 0.32 0.00	81.57 0.31 0.00	83.27 0.52 0.00	97.50 0.82 0.00	88.07 0.79 0.00

GILBOA____ 23599	50.03 1.02 0.00	54.57 1.43 0.00	52.09 1.36 0.00	47.84 1.04 0.00	46.34 0.75 0.00	51.65 0.62 0.00	61.36 0.78 0.00	151.59 0.87 0.00	111.03 0.06 0.00	52.47 -0.03 0.00	58.93 -0.04 0.00	63.43 0.29 0.00	51.01 0.44 0.00	58.78 0.44 0.00	74.88 0.40 0.00	84.65 0.40 0.00	102.73 0.29 0.00	89.05 0.08 0.00	86.24 0.06 0.00	87.05 0.31 0.00	81.56 0.30 0.00	83.27 0.52 0.00	97.50 0.82 0.00	88.07 0.79 0.00
GINNA____ 23603	45.90 -3.11 0.00	49.82 -3.32 0.00	47.62 -3.11 0.00	44.14 -2.66 0.00	43.18 -2.42 0.00	48.33 -2.71 0.00	57.24 -3.34 0.00	143.24 -7.48 0.00	106.07 -4.90 0.00	50.53 -1.96 0.00	56.62 -2.36 0.00	61.10 -2.04 0.00	48.85 -1.71 0.00	56.55 -1.79 0.00	72.18 -2.31 0.00	81.19 -3.06 0.00	98.19 -4.25 0.00	85.36 -3.61 0.00	82.59 -3.60 0.00	82.79 -3.94 0.00	77.61 -3.64 0.00	78.93 -3.82 0.00	91.26 -5.42 0.00	82.18 -5.10 0.00
GLEN PARK____ 23778	46.86 -2.15 0.00	50.83 -2.31 0.00	48.64 -2.10 0.00	45.44 -1.36 0.00	44.09 -1.50 0.00	50.09 -0.94 0.00	60.67 0.08 0.00	154.61 3.89 0.00	114.05 3.07 0.00	53.41 0.92 0.00	59.87 0.89 0.00	64.18 1.04 0.00	50.91 0.34 0.00	58.90 0.56 0.00	75.32 0.83 0.00	86.64 2.39 0.00	106.28 3.84 0.00	93.21 4.24 0.00	90.19 4.01 0.00	90.47 3.74 0.00	84.33 3.08 0.00	85.86 3.11 0.00	99.68 3.00 0.00	89.29 2.01 0.00
GLENDALE_27_KV_LOAD 356172	51.12 2.12 0.00	55.30 2.16 0.00	52.74 2.01 0.00	48.55 1.74 0.00	47.19 1.60 0.00	52.87 1.84 0.00	62.99 2.40 0.00	155.87 5.15 0.00	113.55 2.57 0.00	53.67 1.18 0.00	60.44 1.46 0.00	65.25 2.11 0.00	52.60 2.03 0.00	60.47 2.12 0.00	76.81 2.33 0.00	86.79 2.54 0.00	106.22 3.79 0.00	92.15 3.18 0.00	88.95 2.77 0.00	89.55 2.82 0.00	83.58 2.33 0.00	85.11 2.37 0.00	99.49 2.81 0.00	89.54 2.26 0.00
GLENWOOD_IC_1_G5 23712	51.13 2.12 0.00	55.30 2.16 0.00	52.74 2.00 0.00	48.57 1.77 0.00	47.21 1.62 0.00	52.92 1.89 0.00	62.88 2.29 0.00	155.36 4.64 0.00	112.91 1.94 0.00	53.39 0.90 0.00	60.29 1.31 0.00	65.15 2.01 0.00	52.35 1.78 0.00	60.20 1.86 0.00	76.91 2.42 0.00	87.75 2.75 -0.76	106.36 3.91 -0.01	99.08 3.31 -6.81	108.30 3.09 -19.03	128.02 3.15 -38.14	128.53 2.81 -44.46	122.73 2.90 -37.09	108.27 3.50 -8.09	93.23 2.99 -2.96
GLENWOOD_IC_2_G1 23688	50.92 1.92 0.00	55.06 1.93 0.00	52.53 1.80 0.00	48.38 1.58 0.00	47.04 1.45 0.00	52.68 1.65 0.00	62.64 2.05 0.00	154.76 4.04 0.00	112.53 1.56 0.00	53.20 0.70 0.00	60.00 1.02 0.00	64.84 1.69 0.00	52.16 1.59 0.00	59.99 1.65 0.00	76.55 2.07 0.00	86.57 2.29 -0.03	105.79 3.36 0.00	92.05 2.79 -0.29	89.57 2.58 -0.80	91.00 2.67 -1.60	85.46 2.34 -1.87	86.71 2.40 -1.56	99.94 2.92 -0.34	89.89 2.48 -0.12
GLENWOOD_IC_3_G1 23689	50.92 1.92 0.00	55.06 1.93 0.00	52.53 1.80 0.00	48.38 1.58 0.00	47.04 1.45 0.00	52.68 1.65 0.00	62.64 2.05 0.00	154.76 4.04 0.00	112.53 1.56 0.00	53.20 0.70 0.00	60.00 1.02 0.00	64.84 1.69 0.00	52.16 1.59 0.00	59.99 1.65 0.00	76.55 2.07 0.00	86.57 2.29 -0.03	105.79 3.36 0.00	92.05 2.79 -0.29	89.57 2.58 -0.80	91.00 2.67 -1.60	85.46 2.34 -1.87	86.71 2.40 -1.56	99.94 2.92 -0.34	89.89 2.48 -0.12
GLENWOOD____4 23550	51.13 2.12 0.00	55.30 2.16 0.00	52.74 2.00 0.00	48.57 1.77 0.00	47.21 1.62 0.00	52.92 1.89 0.00	62.88 2.29 0.00	155.36 4.64 0.00	112.91 1.94 0.00	53.39 0.90 0.00	60.29 1.31 0.00	65.15 2.01 0.00	52.35 1.78 0.00	60.20 1.86 0.00	76.91 2.42 0.00	87.75 2.75 -0.76	106.36 3.91 -0.01	99.08 3.31 -6.81	108.30 3.09 -19.03	128.02 3.15 -38.14	128.53 2.81 -44.46	122.73 2.90 -37.09	108.27 3.50 -8.09	93.23 2.99 -2.96
GLENWOOD____5 23614	51.13 2.12 0.00	55.30 2.16 0.00	52.74 2.00 0.00	48.57 1.77 0.00	47.21 1.62 0.00	52.92 1.89 0.00	62.88 2.29 0.00	155.36 4.64 0.00	112.91 1.94 0.00	53.39 0.90 0.00	60.29 1.31 0.00	65.15 2.01 0.00	52.35 1.78 0.00	60.20 1.86 0.00	76.91 2.42 0.00	87.75 2.75 -0.76	106.36 3.91 -0.01	99.08 3.31 -6.81	108.30 3.09 -19.03	128.02 3.15 -38.14	128.53 2.81 -44.46	122.73 2.90 -37.09	108.27 3.50 -8.09	93.23 2.99 -2.96
GLOBAL GREEN_PORT_GT1 23814	50.51 1.51 0.00	54.55 1.41 0.00	51.87 1.14 0.00	47.83 1.03 0.00	46.61 1.01 0.00	52.53 1.50 0.00	60.81 0.23 0.00	149.45 -0.08 1.19	106.39 -3.83 0.76	51.25 -1.24 0.00	59.91 0.93 0.00	64.61 1.47 0.00	52.27 1.70 0.00	60.90 2.56 0.00	78.80 4.31 0.00	90.67 5.99 -0.43	117.59 8.32 -6.84	100.01 6.21 -4.84	113.16 7.25 -19.72	125.56 7.69 -31.14	114.05 7.27 -25.53	110.48 6.81 -20.93	109.22 7.97 -4.57	95.81 6.87 -1.67
GLOBE____DSASP 323697	46.56 -2.44 0.00	50.65 -2.48 0.00	48.50 -2.23 0.00	45.18 -1.62 0.00	44.29 -1.30 0.00	48.82 -2.22 0.00	56.99 -3.60 0.00	141.76 -8.96 0.00	105.51 -5.47 0.00	51.16 -1.33 0.00	57.63 -1.35 0.00	62.25 -0.89 0.00	49.89 -0.67 0.00	57.81 -0.53 0.00	73.56 -0.93 0.00	82.03 -2.22 0.00	97.49 -4.95 0.00	84.44 -4.53 0.00	81.79 -4.40 0.00	81.79 -4.94 0.00	77.20 -4.05 0.00	78.90 -3.84 0.00	91.07 -5.61 0.00	82.82 -4.46 0.00
GOETHSLN____LBMP 323567	50.70 1.70 0.00	54.82 1.69 0.00	52.30 1.57 0.00	48.16 1.36 0.00	46.81 1.22 0.00	52.42 1.39 0.00	62.53 1.95 0.00	154.55 3.83 0.00	112.58 1.60 0.00	53.16 0.67 0.00	59.78 0.81 0.00	64.64 1.49 0.00	52.05 1.48 0.00	59.86 1.52 0.00	76.09 1.61 0.00	85.91 1.66 0.00	105.15 2.71 0.00	91.18 2.21 0.00	88.05 1.86 0.00	88.65 1.92 0.00	82.79 1.54 0.00	84.28 1.54 0.00	98.54 1.86 0.00	88.72 1.44 0.00
GOLAH____69_KV_TB 1_2 80279	48.37 -0.64 0.00	52.49 -0.65 0.00	50.19 -0.54 0.00	46.68 -0.12 0.00	45.65 0.05 0.00	50.89 -0.15 0.00	60.16 -0.43 0.00	150.72 0.00 0.00	111.87 0.90 0.00	53.54 1.05 0.00	59.94 0.96 0.00	64.63 1.49 0.00	51.67 1.11 0.00	59.85 1.51 0.00	76.36 1.88 0.00	85.67 1.42 0.00	103.48 1.05 0.00	90.02 1.05 0.00	87.09 0.90 0.00	87.24 0.50 0.00	81.84 0.58 0.00	83.31 0.56 0.00	96.19 -0.49 0.00	86.64 -0.64 0.00
GOODYEAR_LAKE_HYD 323669	49.62 0.62 0.00	53.84 0.71 0.00	51.37 0.63 0.00	47.40 0.59 0.00	46.08 0.48 0.00	51.69 0.66 0.00	61.71 1.12 0.00	153.90 3.18 0.00	112.84 1.87 0.00	53.27 0.78 0.00	59.79 0.81 0.00	64.41 1.27 0.00	51.89 1.32 0.00	59.79 1.44 0.00	76.45 1.97 0.00	86.60 2.35 0.00	105.67 3.23 0.00	91.52 2.55 0.00	88.69 2.51 0.00	89.20 2.47 0.00	83.35 2.10 0.00	84.86 2.11 0.00	98.98 2.30 0.00	88.89 1.61 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.27 -0.73 0.00	52.42 -0.72 0.00	50.03 -0.70 0.00	46.20 -0.60 0.00	44.99 -0.60 0.00	50.37 -0.67 0.00	59.77 -0.82 0.00	149.07 -1.66 0.00	109.56 -1.41 0.00	51.80 -0.70 0.00	58.22 -0.76 0.00	62.76 -0.38 0.00	49.87 -0.69 0.00	57.66 -0.68 0.00	74.14 -0.35 0.00	84.15 -0.10 0.00	101.01 -1.43 0.00	88.44 -0.53 0.00	85.80 -0.38 0.00	86.35 -0.38 0.00	80.68 -0.57 0.00	82.33 -0.42 0.00	95.72 -0.96 0.00	86.15 -1.13 0.00

GOUDEY___7 23579	48.27 -0.73 0.00	52.42 -0.72 0.00	50.03 -0.70 0.00	46.20 -0.60 0.00	44.99 -0.60 0.00	50.37 -0.67 0.00	59.77 -0.82 0.00	149.07 -1.66 0.00	109.56 -1.41 0.00	51.80 -0.70 0.00	58.22 -0.76 0.00	62.76 -0.38 0.00	49.87 -0.69 0.00	57.66 -0.68 0.00	74.14 -0.35 0.00	84.15 -0.10 0.00	101.01 -1.43 0.00	88.44 -0.53 0.00	85.80 -0.38 0.00	86.35 -0.38 0.00	80.68 -0.57 0.00	82.33 -0.42 0.00	95.72 -0.96 0.00	86.15 -1.13 0.00
GOUDEY___8 23580	48.27 -0.73 0.00	52.42 -0.72 0.00	50.03 -0.70 0.00	46.20 -0.60 0.00	44.99 -0.60 0.00	50.37 -0.67 0.00	59.77 -0.82 0.00	149.07 -1.66 0.00	109.56 -1.41 0.00	51.80 -0.70 0.00	58.22 -0.76 0.00	62.76 -0.38 0.00	49.87 -0.69 0.00	57.66 -0.68 0.00	74.14 -0.35 0.00	84.15 -0.10 0.00	101.01 -1.43 0.00	88.44 -0.53 0.00	85.80 -0.38 0.00	86.35 -0.38 0.00	80.68 -0.57 0.00	82.33 -0.42 0.00	95.72 -0.96 0.00	86.15 -1.13 0.00
GOWANUS_GT1_1 24077	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT1_2 24078	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT1_3 24079	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT1_4 24080	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT1_5 24084	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT1_6 24111	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT1_7 24112	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT1_8 24113	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT2_1 24114	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT2_2 24115	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT2_3 24116	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT2_4 24117	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT2_5 24118	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00

GOWANUS_GT2_6 24119	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT2_7 24120	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT2_8 24121	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT3_1 24122	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT3_2 24123	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT3_3 24124	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT3_4 24125	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT3_5 24126	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT3_6 24127	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT3_7 24128	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT3_8 24129	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
GOWANUS_GT4_1 24130	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT4_2 24131	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT4_3 24132	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT4_4 24133	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00

GOWANUS_GT4_5 24134	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT4_6 24135	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT4_7 24136	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GOWANUS_GT4_8 24137	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GREATVRV_69_KV_BK1 356245	51.70 2.70 0.00	55.81 2.67 0.00	53.23 2.49 0.00	49.04 2.24 0.00	47.70 2.10 0.00	53.65 2.62 0.00	63.16 2.58 0.00	153.75 5.65 2.63	110.99 1.71 1.69	53.28 0.79 0.00	60.87 1.89 0.00	65.84 2.69 0.00	52.87 2.31 0.00	60.70 2.36 0.00	78.12 3.63 0.00	88.98 4.29 -0.45	113.16 5.94 -4.78	98.24 4.56 -4.72	108.84 5.12 -17.53	121.18 5.17 -29.28	112.58 4.72 -26.61	109.49 4.81 -21.94	107.18 5.72 -4.79	94.15 5.12 -1.75
GREENBSH_115KV_TB3 55895	50.13 1.12 0.00	54.34 1.21 0.00	51.91 1.18 0.00	47.85 1.05 0.00	46.43 0.83 0.00	51.75 0.71 0.00	61.36 0.77 0.00	151.12 0.39 0.00	110.71 -0.26 0.00	52.18 -0.31 0.00	58.60 -0.38 0.00	62.99 -0.15 0.00	50.63 0.07 0.00	58.43 0.09 0.00	74.38 -0.11 0.00	84.25 0.00 0.00	102.73 0.30 0.00	89.19 0.23 0.00	86.29 0.10 0.00	87.03 0.30 0.00	81.64 0.38 0.00	83.32 0.57 0.00	97.52 0.84 0.00	88.11 0.83 0.00
GREENDGE_115KV_TB5 80291	47.96 -1.04 0.00	52.17 -0.96 0.00	49.82 -0.91 0.00	46.12 -0.68 0.00	45.06 -0.54 0.00	50.61 -0.42 0.00	60.49 -0.09 0.00	152.29 1.57 0.00	116.00 5.02 0.00	54.47 1.98 0.00	60.87 1.89 0.00	65.31 2.17 0.00	52.35 1.79 0.00	60.49 2.15 0.00	78.39 3.91 0.00	89.03 4.79 0.00	107.36 4.93 0.00	94.25 5.28 0.00	91.51 5.32 0.00	91.89 5.16 0.00	85.19 3.93 0.00	86.43 3.68 0.00	99.31 2.63 0.00	88.84 1.57 0.00
GREENIDGE___3 23582	47.96 -1.04 0.00	52.17 -0.96 0.00	49.82 -0.91 0.00	46.12 -0.68 0.00	45.06 -0.54 0.00	50.61 -0.42 0.00	60.49 -0.09 0.00	152.29 1.57 0.00	116.00 5.02 0.00	54.47 1.98 0.00	60.87 1.89 0.00	65.31 2.17 0.00	52.35 1.79 0.00	60.49 2.15 0.00	78.39 3.91 0.00	89.03 4.79 0.00	107.36 4.93 0.00	94.25 5.28 0.00	91.51 5.32 0.00	91.89 5.16 0.00	85.19 3.93 0.00	86.43 3.68 0.00	99.31 2.63 0.00	88.84 1.57 0.00
GREENIDGE___4 23583	47.96 -1.04 0.00	52.17 -0.96 0.00	49.82 -0.91 0.00	46.12 -0.68 0.00	45.04 -0.55 0.00	50.60 -0.43 0.00	60.50 -0.08 0.00	152.27 1.55 0.00	116.00 5.02 0.00	54.47 1.98 0.00	60.87 1.89 0.00	65.30 2.16 0.00	52.34 1.78 0.00	60.49 2.15 0.00	78.40 3.91 0.00	89.03 4.78 0.00	107.38 4.94 0.00	94.25 5.29 0.00	91.50 5.32 0.00	91.89 5.16 0.00	85.18 3.93 0.00	86.42 3.68 0.00	99.32 2.63 0.00	88.83 1.55 0.00
GREENLWN_69_KV_BK 3 55738	51.05 2.04 0.00	55.14 2.01 0.00	52.59 1.86 0.00	48.46 1.66 0.00	47.10 1.51 0.00	52.87 1.84 0.00	62.10 1.51 0.00	131.03 2.28 21.98	96.41 -0.42 14.14	52.55 0.06 0.00	60.19 1.21 0.00	65.12 1.98 0.00	52.29 1.72 0.00	59.88 1.54 0.00	76.91 2.42 0.00	87.26 2.57 -0.44	96.57 3.37 9.23	94.28 2.69 -2.62	87.86 2.73 1.06	98.73 2.78 -9.22	109.23 2.67 -25.30	107.43 3.07 -21.61	105.30 3.91 -4.72	92.64 3.64 -1.73
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00
GRISSOM___SOLAR 323813	50.57 1.56 0.00	54.79 1.66 0.00	52.30 1.57 0.00	48.21 1.40 0.00	47.04 1.44 0.00	52.78 1.75 0.00	63.04 2.45 0.00	157.30 6.57 0.00	115.44 4.46 0.00	53.25 0.76 0.00	59.53 0.55 0.00	63.68 0.54 0.00	50.89 0.33 0.00	58.83 0.49 0.00	75.99 1.51 0.00	87.31 3.07 0.00	107.11 4.67 0.00	92.90 3.93 0.00	89.96 3.78 0.00	90.47 3.74 0.00	84.59 3.34 0.00	86.06 3.31 0.00	100.54 3.86 0.00	90.46 3.18 0.00
GROVEVILLE___HYD 323602	51.06 2.06 0.00	55.27 2.13 0.00	52.71 1.98 0.00	48.57 1.77 0.00	47.22 1.62 0.00	52.84 1.81 0.00	63.02 2.43 0.00	155.88 5.16 0.00	113.61 2.64 0.00	53.50 1.01 0.00	60.11 1.13 0.00	64.78 1.64 0.00	52.13 1.56 0.00	60.11 1.76 0.00	76.66 2.18 0.00	86.84 2.59 0.00	106.27 3.84 0.00	92.33 3.37 0.00	89.36 3.17 0.00	90.07 3.34 0.00	84.23 2.97 0.00	85.73 2.98 0.00	100.17 3.49 0.00	90.18 2.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.13 -0.88 0.00	52.16 -0.97 0.00	49.83 -0.90 0.00	46.02 -0.78 0.00	44.88 -0.72 0.00	50.27 -0.76 0.00	59.76 -0.83 0.00	149.22 -1.50 0.00	110.19 -0.78 0.00	51.80 -0.70 0.00	58.02 -0.95 0.00	62.71 -0.43 0.00	49.95 -0.62 0.00	57.59 -0.75 0.00	73.70 -0.78 0.00	83.53 -0.72 0.00	101.26 -1.18 0.00	88.24 -0.72 0.00	85.49 -0.70 0.00	85.99 -0.74 0.00	80.46 -0.79 0.00	81.87 -0.87 0.00	95.29 -1.39 0.00	85.82 -1.46 0.00
HAMLTNNY_34_KV_TB 80303	48.22 -0.79 0.00	52.26 -0.88 0.00	49.96 -0.77 0.00	46.16 -0.64 0.00	45.04 -0.56 0.00	50.46 -0.57 0.00	60.00 -0.59 0.00	149.71 -1.01 0.00	110.63 -0.34 0.00	51.98 -0.52 0.00	58.27 -0.71 0.00	62.96 -0.18 0.00	50.11 -0.46 0.00	57.90 -0.45 0.00	74.13 -0.36 0.00	84.03 -0.22 0.00	101.85 -0.58 0.00	88.77 -0.19 0.00	86.03 -0.16 0.00	86.42 -0.31 0.00	80.89 -0.36 0.00	82.26 -0.48 0.00	95.67 -1.01 0.00	86.09 -1.19 0.00

HAMPSHIRE___PAPER_HYD 323593	48.00 -1.01 0.00	51.95 -1.18 0.00	49.71 -1.02 0.00	46.23 -0.57 0.00	45.01 -0.58 0.00	50.62 -0.41 0.00	60.76 0.18 0.00	152.91 2.19 0.00	112.54 1.56 0.00	53.13 0.64 0.00	60.01 1.03 0.00	64.36 1.22 0.00	51.38 0.82 0.00	59.39 1.05 0.00	75.62 1.14 0.00	85.62 1.38 0.00	104.33 1.90 0.00	91.12 2.15 0.00	88.15 1.96 0.00	88.50 1.77 0.00	82.68 1.43 0.00	84.36 1.61 0.00	98.63 1.95 0.00	89.06 1.78 0.00
HARDSCRABBLE_WT_PWR 323673	50.84 1.83 0.00	54.97 1.84 0.00	52.42 1.69 0.00	48.29 1.48 0.00	46.88 1.28 0.00	52.58 1.55 0.00	62.62 2.04 0.00	155.62 4.90 0.00	113.52 2.54 0.00	52.51 0.02 0.00	58.77 -0.21 0.00	63.09 -0.05 0.00	50.68 0.12 0.00	58.61 0.27 0.00	75.87 1.38 0.00	86.82 2.57 0.00	106.84 4.41 0.00	93.36 4.40 0.00	90.76 4.58 0.00	91.49 4.76 0.00	85.77 4.51 0.00	87.29 4.54 0.00	102.01 5.33 0.00	91.77 4.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.60 1.59 0.00	54.75 1.61 0.00	52.24 1.51 0.00	48.11 1.31 0.00	46.77 1.18 0.00	52.38 1.35 0.00	62.46 1.87 0.00	154.39 3.67 0.00	112.63 1.66 0.00	53.10 0.60 0.00	59.64 0.66 0.00	64.30 1.16 0.00	51.76 1.20 0.00	59.62 1.27 0.00	76.01 1.53 0.00	86.07 1.82 0.00	105.30 2.86 0.00	91.48 2.51 0.00	88.49 2.31 0.00	89.14 2.41 0.00	83.33 2.08 0.00	84.82 2.08 0.00	99.10 2.42 0.00	89.22 1.94 0.00
HARSNRAD_115KV_TB1 81005	46.93 -2.07 0.00	51.05 -2.09 0.00	48.89 -1.84 0.00	45.47 -1.33 0.00	44.51 -1.09 0.00	49.17 -1.86 0.00	57.50 -3.09 0.00	144.06 -6.66 0.00	107.22 -3.75 0.00	51.81 -0.68 0.00	58.13 -0.85 0.00	62.80 -0.34 0.00	50.31 -0.25 0.00	58.32 -0.02 0.00	74.23 -0.25 0.00	82.79 -1.46 0.00	99.10 -3.34 0.00	85.94 -3.02 0.00	83.29 -2.90 0.00	83.32 -3.41 0.00	78.58 -2.67 0.00	80.25 -2.50 0.00	92.62 -4.06 0.00	83.64 -3.64 0.00
HARZA MOOSE___RIVER 24016	48.28 -0.73 0.00	52.43 -0.70 0.00	50.14 -0.59 0.00	46.66 -0.14 0.00	45.33 -0.26 0.00	51.16 0.13 0.00	61.55 0.96 0.00	156.86 6.14 0.00	115.57 4.59 0.00	54.24 1.74 0.00	61.12 2.14 0.00	65.56 2.42 0.00	52.31 1.75 0.00	60.41 2.06 0.00	77.50 3.02 0.00	88.30 4.05 0.00	107.83 5.40 0.00	94.22 5.26 0.00	91.22 5.03 0.00	91.64 4.91 0.00	85.53 4.28 0.00	87.21 4.46 0.00	101.45 4.77 0.00	91.06 3.78 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.81 -1.19 0.00	51.85 -1.29 0.00	49.51 -1.22 0.00	45.72 -1.08 0.00	44.58 -1.02 0.00	49.92 -1.11 0.00	59.31 -1.28 0.00	148.15 -2.57 0.00	109.37 -1.60 0.00	51.51 -0.98 0.00	57.67 -1.31 0.00	62.32 -0.82 0.00	49.64 -0.92 0.00	57.25 -1.10 0.00	73.27 -1.22 0.00	82.97 -1.28 0.00	100.53 -1.41 0.00	87.56 -1.56 0.00	84.84 -1.34 0.00	85.32 -1.41 0.00	79.86 -1.40 0.00	81.30 -1.44 0.00	94.62 -2.06 0.00	85.23 -2.05 0.00
HELLGATE_13_KV_LD 55870	51.19 2.19 0.00	55.38 2.24 0.00	52.84 2.10 0.00	48.63 1.83 0.00	47.26 1.66 0.00	52.95 1.92 0.00	63.06 2.47 0.00	156.05 5.33 0.00	113.69 2.72 0.00	53.74 1.25 0.00	60.54 1.56 0.00	65.32 2.18 0.00	52.69 2.12 0.00	60.56 2.21 0.00	76.92 2.43 0.00	86.94 2.70 0.00	106.35 3.91 0.00	92.28 3.32 0.00	89.05 2.87 0.00	89.65 2.92 0.00	83.66 2.40 0.00	85.21 2.46 0.00	99.60 2.92 0.00	89.63 2.35 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.19 2.19 0.00	55.38 2.24 0.00	52.84 2.10 0.00	48.63 1.83 0.00	47.26 1.66 0.00	52.95 1.92 0.00	63.06 2.47 0.00	156.05 5.33 0.00	113.69 2.72 0.00	53.74 1.25 0.00	60.54 1.56 0.00	65.32 2.18 0.00	52.69 2.12 0.00	60.56 2.21 0.00	76.92 2.43 0.00	86.94 2.70 0.00	106.35 3.91 0.00	92.28 3.32 0.00	89.05 2.87 0.00	89.65 2.92 0.00	83.66 2.40 0.00	85.21 2.46 0.00	99.60 2.92 0.00	89.63 2.35 0.00
HEMPSTEAD___ 23647	50.94 1.93 0.00	55.08 1.95 0.00	52.53 1.79 0.00	48.37 1.57 0.00	47.04 1.45 0.00	52.73 1.69 0.00	62.50 1.91 0.00	154.41 3.69 0.00	111.89 0.91 0.00	52.99 0.49 0.00	59.98 1.01 0.00	64.84 1.69 0.00	52.09 1.53 0.00	59.88 1.54 0.00	76.63 2.15 0.00	87.28 2.38 -0.66	105.85 3.41 -0.01	97.69 2.81 -5.91	105.44 2.74 -16.52	122.61 2.76 -33.11	122.34 2.48 -38.60	117.58 2.63 -32.20	106.89 3.18 -7.03	92.62 2.77 -2.57
HICKLING___1 23621	47.21 -1.80 0.00	51.34 -1.80 0.00	49.04 -1.69 0.00	45.41 -1.39 0.00	44.31 -1.28 0.00	49.69 -1.34 0.00	59.06 -1.53 0.00	148.14 -2.58 0.00	109.22 -1.76 0.00	51.76 -0.73 0.00	58.33 -0.65 0.00	62.90 -0.25 0.00	50.26 -0.30 0.00	58.10 -0.25 0.00	74.96 0.48 0.00	85.07 0.83 0.00	101.83 -0.61 0.00	88.88 -0.09 0.00	86.35 0.16 0.00	86.79 0.06 0.00	80.89 -0.36 0.00	82.55 -0.19 0.00	95.38 -1.31 0.00	85.69 -1.59 0.00
HICKLING___2 23622	47.21 -1.80 0.00	51.34 -1.80 0.00	49.04 -1.69 0.00	45.41 -1.39 0.00	44.31 -1.28 0.00	49.69 -1.34 0.00	59.06 -1.53 0.00	148.14 -2.58 0.00	109.22 -1.76 0.00	51.76 -0.73 0.00	58.33 -0.65 0.00	62.90 -0.25 0.00	50.26 -0.30 0.00	58.10 -0.25 0.00	74.96 0.48 0.00	85.07 0.83 0.00	101.83 -0.61 0.00	88.88 -0.09 0.00	86.35 0.16 0.00	86.79 0.06 0.00	80.89 -0.36 0.00	82.55 -0.19 0.00	95.38 -1.31 0.00	85.69 -1.59 0.00
HIGH FALLS___HY 23754	50.91 1.90 0.00	55.12 1.98 0.00	52.57 1.84 0.00	48.44 1.63 0.00	47.09 1.50 0.00	52.76 1.73 0.00	63.01 2.42 0.00	156.08 5.36 0.00	113.62 2.64 0.00	53.40 0.90 0.00	59.73 0.75 0.00	64.27 1.13 0.00	51.70 1.14 0.00	59.58 1.23 0.00	76.27 1.79 0.00	86.58 2.33 0.00	106.22 3.79 0.00	92.36 3.40 0.00	89.43 3.24 0.00	90.14 3.41 0.00	84.22 2.97 0.00	85.66 2.91 0.00	99.97 3.29 0.00	89.98 2.70 0.00
HIGH_RIVER___SOLAR 323847	50.38 1.38 0.00	54.61 1.47 0.00	52.10 1.37 0.00	48.07 1.26 0.00	46.85 1.25 0.00	52.54 1.51 0.00	62.68 2.10 0.00	156.32 5.60 0.00	114.48 3.50 0.00	53.09 0.59 0.00	59.58 0.60 0.00	63.78 0.63 0.00	51.02 0.46 0.00	58.83 0.49 0.00	75.57 1.09 0.00	86.63 2.38 0.00	106.45 4.02 0.00	92.35 3.39 0.00	89.46 3.27 0.00	89.94 3.20 0.00	84.13 2.87 0.00	85.57 2.82 0.00	99.95 3.27 0.00	90.01 2.73 0.00
HILLBURN___GT 23639	50.40 1.39 0.00	54.53 1.40 0.00	52.02 1.29 0.00	47.91 1.11 0.00	46.59 1.00 0.00	52.17 1.14 0.00	62.16 1.58 0.00	153.62 2.90 0.00	111.96 0.99 0.00	52.84 0.35 0.00	59.37 0.39 0.00	64.07 0.93 0.00	51.56 1.00 0.00	59.33 0.99 0.00	75.57 1.08 0.00	85.46 1.21 0.00	104.58 2.14 0.00	90.84 1.88 0.00	87.80 1.62 0.00	88.47 1.74 0.00	82.70 1.45 0.00	84.21 1.46 0.00	98.50 1.82 0.00	88.69 1.41 0.00
HILLSIDE_115KV_TB1 80332	46.87 -2.13 0.00	50.96 -2.17 0.00	48.64 -2.09 0.00	45.01 -1.79 0.00	43.87 -1.73 0.00	49.17 -1.87 0.00	58.28 -2.31 0.00	145.77 -4.95 0.00	107.39 -3.58 0.00	50.79 -1.70 0.00	57.29 -1.69 0.00	61.81 -1.33 0.00	49.36 -1.21 0.00	56.99 -1.35 0.00	73.45 -1.03 0.00	83.35 -0.89 0.00	99.60 -2.83 0.00	86.92 -2.04 0.00	84.53 -1.66 0.00	85.04 -1.69 0.00	79.28 -1.97 0.00	81.01 -1.74 0.00	93.77 -2.91 0.00	84.36 -2.92 0.00

HISHELDN_WT_PWR 323625	46.10 -2.91 0.00	50.20 -2.94 0.00	48.17 -2.57 0.00	44.78 -2.02 0.00	43.84 -1.75 0.00	48.93 -2.11 0.00	57.92 -2.67 0.00	145.71 -5.02 0.00	107.98 -3.00 0.00	51.82 -0.68 0.00	58.15 -0.82 0.00	62.86 -0.29 0.00	50.49 -0.07 0.00	58.55 0.21 0.00	74.83 0.35 0.00	83.92 -0.33 0.00	100.47 -1.96 0.00	87.26 -1.71 0.00	84.59 -1.59 0.00	84.74 -2.00 0.00	79.52 -1.74 0.00	81.15 -1.60 0.00	93.74 -2.94 0.00	84.48 -2.80 0.00
HOLTSVILLE_IC_1 23690	51.07 2.06 0.00	55.14 2.01 0.00	52.57 1.84 0.00	48.46 1.66 0.00	47.13 1.54 0.00	52.97 1.94 0.00	62.01 1.42 0.00	152.40 2.35 0.67	109.66 -0.89 0.43	52.20 -0.29 0.00	59.85 0.87 0.00	64.94 1.80 0.00	52.15 1.59 0.00	59.90 1.55 0.00	76.98 2.49 0.00	87.60 2.93 -0.43	113.57 3.81 -7.33	96.60 2.73 -4.90	109.72 3.20 -20.33	121.76 3.26 -31.76	109.89 3.14 -25.49	106.99 3.38 -20.86	105.47 4.24 -4.55	92.79 3.84 -1.66
HOLTSVILLE_IC_10 23699	51.29 2.28 0.00	55.37 2.23 0.00	52.80 2.06 0.00	48.66 1.85 0.00	47.34 1.75 0.00	53.24 2.21 0.00	62.23 1.64 0.00	151.26 3.06 2.52	108.83 -0.52 1.62	52.33 -0.17 0.00	60.07 1.09 0.00	65.21 2.07 0.00	52.37 1.81 0.00	60.17 1.83 0.00	77.40 2.92 0.00	88.16 3.48 -0.43	112.63 4.55 -5.64	96.99 3.33 -4.70	108.35 3.92 -18.25	120.34 3.95 -29.65	110.72 3.77 -25.69	107.87 4.00 -21.12	106.16 4.86 -4.61	93.33 4.37 -1.68
HOLTSVILLE_IC_2 23691	51.07 2.06 0.00	55.14 2.01 0.00	52.57 1.84 0.00	48.46 1.66 0.00	47.13 1.54 0.00	52.97 1.94 0.00	62.01 1.42 0.00	152.40 2.35 0.67	109.66 -0.89 0.43	52.20 -0.29 0.00	59.85 0.87 0.00	64.94 1.80 0.00	52.15 1.59 0.00	59.90 1.55 0.00	76.98 2.49 0.00	87.60 2.93 -0.43	113.57 3.81 -7.33	96.60 2.73 -4.90	109.72 3.20 -20.33	121.76 3.26 -31.76	109.89 3.14 -25.49	106.99 3.38 -20.86	105.47 4.24 -4.55	92.79 3.84 -1.66
HOLTSVILLE_IC_3 23692	51.07 2.06 0.00	55.14 2.01 0.00	52.57 1.84 0.00	48.46 1.66 0.00	47.13 1.54 0.00	52.97 1.94 0.00	62.01 1.42 0.00	152.40 2.35 0.67	109.66 -0.89 0.43	52.20 -0.29 0.00	59.85 0.87 0.00	64.94 1.80 0.00	52.15 1.59 0.00	59.90 1.55 0.00	76.98 2.49 0.00	87.60 2.93 -0.43	113.57 3.81 -7.33	96.60 2.73 -4.90	109.72 3.20 -20.33	121.76 3.26 -31.76	109.89 3.14 -25.49	106.99 3.38 -20.86	105.47 4.24 -4.55	92.79 3.84 -1.66
HOLTSVILLE_IC_4 23693	51.07 2.06 0.00	55.14 2.01 0.00	52.57 1.84 0.00	48.46 1.66 0.00	47.13 1.54 0.00	52.97 1.94 0.00	62.01 1.42 0.00	152.40 2.35 0.67	109.66 -0.89 0.43	52.20 -0.29 0.00	59.85 0.87 0.00	64.94 1.80 0.00	52.15 1.59 0.00	59.90 1.55 0.00	76.98 2.49 0.00	87.60 2.93 -0.43	113.57 3.81 -7.33	96.60 2.73 -4.90	109.72 3.20 -20.33	121.76 3.26 -31.76	109.89 3.14 -25.49	106.99 3.38 -20.86	105.47 4.24 -4.55	92.79 3.84 -1.66
HOLTSVILLE_IC_5 23694	51.07 2.06 0.00	55.14 2.01 0.00	52.57 1.84 0.00	48.46 1.66 0.00	47.13 1.54 0.00	52.97 1.94 0.00	62.01 1.42 0.00	152.40 2.35 0.67	109.66 -0.89 0.43	52.20 -0.29 0.00	59.85 0.87 0.00	64.94 1.80 0.00	52.15 1.59 0.00	59.90 1.55 0.00	76.98 2.49 0.00	87.60 2.93 -0.43	113.57 3.81 -7.33	96.60 2.73 -4.90	109.72 3.20 -20.33	121.76 3.26 -31.76	109.89 3.14 -25.49	106.99 3.38 -20.86	105.47 4.24 -4.55	92.79 3.84 -1.66
HOLTSVILLE_IC_6 23695	51.29 2.28 0.00	55.37 2.23 0.00	52.80 2.06 0.00	48.66 1.85 0.00	47.34 1.75 0.00	53.24 2.21 0.00	62.23 1.64 0.00	151.26 3.06 2.52	108.83 -0.52 1.62	52.33 -0.17 0.00	60.07 1.09 0.00	65.21 2.07 0.00	52.37 1.81 0.00	60.17 1.83 0.00	77.40 2.92 0.00	88.16 3.48 -0.43	112.63 4.55 -5.64	96.99 3.33 -4.70	108.35 3.92 -18.25	120.34 3.95 -29.65	110.72 3.77 -25.69	107.87 4.00 -21.12	106.16 4.86 -4.61	93.33 4.37 -1.68
HOLTSVILLE_IC_7 23696	51.29 2.28 0.00	55.37 2.23 0.00	52.80 2.06 0.00	48.66 1.85 0.00	47.34 1.75 0.00	53.24 2.21 0.00	62.23 1.64 0.00	151.26 3.06 2.52	108.83 -0.52 1.62	52.33 -0.17 0.00	60.07 1.09 0.00	65.21 2.07 0.00	52.37 1.81 0.00	60.17 1.83 0.00	77.40 2.92 0.00	88.16 3.48 -0.43	112.63 4.55 -5.64	96.99 3.33 -4.70	108.35 3.92 -18.25	120.34 3.95 -29.65	110.72 3.77 -25.69	107.87 4.00 -21.12	106.16 4.86 -4.61	93.33 4.37 -1.68
HOLTSVILLE_IC_8 23697	51.29 2.28 0.00	55.37 2.23 0.00	52.80 2.06 0.00	48.66 1.85 0.00	47.34 1.75 0.00	53.24 2.21 0.00	62.23 1.64 0.00	151.26 3.06 2.52	108.83 -0.52 1.62	52.33 -0.17 0.00	60.07 1.09 0.00	65.21 2.07 0.00	52.37 1.81 0.00	60.17 1.83 0.00	77.40 2.92 0.00	88.16 3.48 -0.43	112.63 4.55 -5.64	96.99 3.33 -4.70	108.35 3.92 -18.25	120.34 3.95 -29.65	110.72 3.77 -25.69	107.87 4.00 -21.12	106.16 4.86 -4.61	93.33 4.37 -1.68
HOLTSVILLE_IC_9 23698	51.29 2.28 0.00	55.37 2.23 0.00	52.80 2.06 0.00	48.66 1.85 0.00	47.34 1.75 0.00	53.24 2.21 0.00	62.23 1.64 0.00	151.26 3.06 2.52	108.83 -0.52 1.62	52.33 -0.17 0.00	60.07 1.09 0.00	65.21 2.07 0.00	52.37 1.81 0.00	60.17 1.83 0.00	77.40 2.92 0.00	88.16 3.48 -0.43	112.63 4.55 -5.64	96.99 3.33 -4.70	108.35 3.92 -18.25	120.34 3.95 -29.65	110.72 3.77 -25.69	107.87 4.00 -21.12	106.16 4.86 -4.61	93.33 4.37 -1.68
HOMER_HL_115KV_TB2 355744	47.22 -1.78 0.00	51.41 -1.72 0.00	49.16 -1.58 0.00	45.76 -1.05 0.00	44.80 -0.79 0.00	49.80 -1.24 0.00	58.57 -2.02 0.00	147.72 -3.00 0.00	108.76 -2.22 0.00	52.14 -0.35 0.00	58.89 -0.09 0.00	63.50 0.35 0.00	50.85 0.29 0.00	58.81 0.47 0.00	75.24 0.75 0.00	84.67 0.42 0.00	101.34 -1.09 0.00	87.83 -1.14 0.00	85.06 -1.12 0.00	85.47 -1.26 0.00	79.89 -1.36 0.00	81.87 -0.88 0.00	94.91 -1.77 0.00	85.41 -1.87 0.00
HOWARD_WT_PWR 323690	45.07 -3.93 0.00	49.28 -3.86 0.00	47.16 -3.58 0.00	43.82 -2.98 0.00	42.93 -2.67 0.00	48.07 -2.96 0.00	57.93 -2.66 0.00	147.22 -3.51 0.00	119.50 8.53 0.00	55.66 3.17 0.00	61.70 2.72 0.00	66.20 3.06 0.00	53.88 3.32 0.00	62.54 4.20 0.00	80.94 6.46 0.00	91.31 7.07 0.00	110.46 8.03 0.00	97.15 8.18 0.00	94.03 7.85 0.00	94.15 7.42 0.00	86.52 5.26 0.00	87.04 4.29 0.00	99.18 2.50 0.00	88.23 0.95 0.00
HQ_GEN_CEDARS 23644	49.94 0.94 0.00	54.12 0.99 0.00	51.70 0.97 0.00	47.81 1.00 0.00	46.74 1.14 0.00	52.38 1.35 0.00	62.30 1.71 0.00	155.18 4.46 0.00	113.97 3.00 0.00	53.85 1.36 0.00	60.66 1.68 0.00	65.08 1.94 0.00	52.11 1.54 0.00	60.26 1.92 0.00	76.82 2.33 0.00	86.71 2.46 0.00	105.33 2.89 0.00	91.62 2.65 0.00	88.62 2.43 0.00	89.06 2.33 0.00	83.25 2.00 0.00	84.31 1.56 0.00	98.87 2.18 0.00	89.64 2.36 0.00
HQ_GEN_CEDARS_PROXY 323590	49.94 0.93 0.00	54.12 0.99 0.00	51.70 0.97 0.00	47.81 1.00 0.00	46.74 1.14 0.00	52.38 1.35 0.00	62.30 1.71 0.00	155.15 4.43 0.00	113.97 3.00 0.00	53.85 1.36 0.00	60.66 1.68 0.00	65.08 1.94 0.00	52.11 1.54 0.00	60.26 1.92 0.00	76.81 2.33 0.00	86.71 2.46 0.00	105.33 2.89 0.00	91.62 2.66 0.00	88.63 2.44 0.00	89.06 2.33 0.00	83.26 2.00 0.00	84.32 1.57 0.00	98.86 2.19 0.00	89.65 2.37 0.00

HQ_GEN_IMPORT 323601	49.35 0.34 0.00	53.47 0.33 0.00	51.04 0.31 0.00	47.12 0.31 0.00	45.99 0.39 0.00	51.54 0.51 0.00	61.16 0.57 0.00	152.40 1.69 0.00	112.02 1.04 0.00	52.94 0.45 0.00	59.61 0.63 0.00	63.89 0.75 0.00	51.16 0.59 0.00	59.10 0.76 0.00	75.45 0.97 0.00	85.29 1.05 0.00	103.58 1.14 0.00	89.95 0.98 0.00	87.17 0.98 0.00	87.62 0.89 0.00	82.12 0.86 0.00	83.57 0.82 0.00	97.76 1.08 0.00	88.37 1.10 0.00
HQ_GEN_WHEEL 23651	49.35 0.34 0.00	53.47 0.33 0.00	51.04 0.31 0.00	47.12 0.31 0.00	45.99 0.39 0.00	51.54 0.51 0.00	61.16 0.57 0.00	152.40 1.69 0.00	112.02 1.04 0.00	52.94 0.45 0.00	59.61 0.63 0.00	63.89 0.75 0.00	51.16 0.59 0.00	59.10 0.76 0.00	75.45 0.97 0.00	85.29 1.05 0.00	103.58 1.14 0.00	89.95 0.98 0.00	87.17 0.98 0.00	87.62 0.89 0.00	82.12 0.86 0.00	83.57 0.82 0.00	97.76 1.08 0.00	88.37 1.10 0.00
HUDSON AVE_GT_3 23810	50.95 1.95 0.00	55.10 1.96 0.00	52.56 1.83 0.00	48.39 1.59 0.00	47.04 1.44 0.00	52.67 1.64 0.00	62.82 2.23 0.00	155.26 4.54 0.00	113.15 2.17 0.00	53.47 0.97 0.00	60.16 1.18 0.00	65.05 1.91 0.00	52.39 1.83 0.00	60.27 1.93 0.00	76.66 2.17 0.00	86.59 2.35 0.00	105.96 3.53 0.00	91.86 2.89 0.00	88.72 2.53 0.00	89.31 2.58 0.00	83.40 2.14 0.00	84.88 2.14 0.00	99.27 2.59 0.00	89.35 2.07 0.00
HUDSON AVE_GT_4 23540	50.95 1.95 0.00	55.10 1.96 0.00	52.56 1.83 0.00	48.39 1.59 0.00	47.04 1.44 0.00	52.67 1.64 0.00	62.82 2.23 0.00	155.26 4.54 0.00	113.15 2.17 0.00	53.47 0.97 0.00	60.16 1.18 0.00	65.05 1.91 0.00	52.39 1.83 0.00	60.27 1.93 0.00	76.66 2.17 0.00	86.59 2.35 0.00	105.96 3.53 0.00	91.86 2.89 0.00	88.72 2.53 0.00	89.31 2.58 0.00	83.40 2.14 0.00	84.88 2.14 0.00	99.27 2.59 0.00	89.35 2.07 0.00
HUDSON AVE_GT_5 23657	50.95 1.95 0.00	55.10 1.96 0.00	52.56 1.83 0.00	48.39 1.59 0.00	47.04 1.44 0.00	52.67 1.64 0.00	62.82 2.23 0.00	155.26 4.54 0.00	113.15 2.17 0.00	53.47 0.97 0.00	60.16 1.18 0.00	65.05 1.91 0.00	52.39 1.83 0.00	60.27 1.93 0.00	76.66 2.17 0.00	86.59 2.35 0.00	105.96 3.53 0.00	91.86 2.89 0.00	88.72 2.53 0.00	89.31 2.58 0.00	83.40 2.14 0.00	84.88 2.14 0.00	99.27 2.59 0.00	89.35 2.07 0.00
HUDSON_AVE_10 24168	50.74 1.73 0.00	54.85 1.71 0.00	52.34 1.60 0.00	48.17 1.36 0.00	46.82 1.22 0.00	52.43 1.40 0.00	62.49 1.90 0.00	154.42 3.70 0.00	112.49 1.51 0.00	53.15 0.66 0.00	59.85 0.87 0.00	64.66 1.52 0.00	52.10 1.53 0.00	59.93 1.59 0.00	76.16 1.68 0.00	86.02 1.77 0.00	105.30 2.86 0.00	91.32 2.35 0.00	88.17 1.99 0.00	88.76 2.03 0.00	82.86 1.60 0.00	84.35 1.61 0.00	98.70 2.01 0.00	88.88 1.60 0.00
HUDSON___115KV_TB 4 355613	51.13 2.13 0.00	55.44 2.30 0.00	52.95 2.22 0.00	48.81 2.01 0.00	47.38 1.78 0.00	52.86 1.82 0.00	62.77 2.19 0.00	155.13 4.41 0.00	113.47 2.49 0.00	53.15 0.66 0.00	59.24 0.26 0.00	63.50 0.36 0.00	51.00 0.44 0.00	58.96 0.62 0.00	75.38 0.90 0.00	86.08 1.83 0.00	105.49 3.06 0.00	91.80 2.83 0.00	88.89 2.71 0.00	89.60 2.87 0.00	83.94 2.69 0.00	85.78 3.04 0.00	100.38 3.70 0.00	90.57 3.29 0.00
HUNTER MOUNT___DRP 323613	51.42 2.42 0.00	55.76 2.62 0.00	53.26 2.53 0.00	49.11 2.31 0.00	47.66 2.06 0.00	53.25 2.23 0.00	63.35 2.76 0.00	156.66 5.94 0.00	114.58 3.61 0.00	53.55 1.06 0.00	59.70 0.72 0.00	63.91 0.77 0.00	51.32 0.75 0.00	59.41 1.07 0.00	76.01 1.53 0.00	86.93 2.68 0.00	106.58 4.14 0.00	92.78 3.81 0.00	89.85 3.66 0.00	90.54 3.81 0.00	84.81 3.56 0.00	86.56 3.81 0.00	101.16 4.47 0.00	91.24 3.96 0.00
HUNTINGTON_RES_REC 323705	51.10 2.10 0.00	55.16 2.03 0.00	52.61 1.88 0.00	48.48 1.68 0.00	47.16 1.56 0.00	52.97 1.94 0.00	62.13 1.54 0.00	137.92 2.51 15.31	100.59 -0.53 9.85	52.40 -0.09 0.00	60.05 1.07 0.00	65.05 1.91 0.00	52.23 1.66 0.00	59.88 1.54 0.00	77.01 2.53 0.00	87.56 2.88 -0.43	102.06 3.72 4.09	95.14 2.87 -3.30	94.89 3.19 -5.52	106.10 3.28 -16.09	109.65 3.18 -25.22	107.51 3.51 -21.26	105.67 4.35 -4.64	92.96 3.98 -1.70
HUNTLEY___63 23557	47.25 -1.75 0.00	51.38 -1.75 0.00	49.23 -1.50 0.00	45.83 -0.97 0.00	44.92 -0.68 0.00	49.72 -1.31 0.00	58.24 -2.35 0.00	145.78 -4.95 0.00	108.38 -2.59 0.00	52.36 -0.13 0.00	58.84 -0.14 0.00	63.59 0.45 0.00	50.96 0.40 0.00	59.04 0.70 0.00	75.11 0.62 0.00	83.68 -0.57 0.00	99.73 -2.71 0.00	86.60 -2.37 0.00	84.25 -1.94 0.00	84.09 -2.64 0.00	79.17 -2.08 0.00	80.88 -1.87 0.00	93.36 -3.32 0.00	84.46 -2.82 0.00
HUNTLEY___64 23558	47.25 -1.75 0.00	51.38 -1.75 0.00	49.23 -1.50 0.00	45.83 -0.97 0.00	44.92 -0.68 0.00	49.72 -1.31 0.00	58.24 -2.35 0.00	145.78 -4.95 0.00	108.38 -2.59 0.00	52.36 -0.13 0.00	58.84 -0.14 0.00	63.59 0.45 0.00	50.96 0.40 0.00	59.04 0.70 0.00	75.11 0.62 0.00	83.68 -0.57 0.00	99.73 -2.71 0.00	86.60 -2.37 0.00	84.25 -1.94 0.00	84.09 -2.64 0.00	79.17 -2.08 0.00	80.88 -1.87 0.00	93.36 -3.32 0.00	84.46 -2.82 0.00
HUNTLEY___65 23559	47.25 -1.75 0.00	51.38 -1.75 0.00	49.23 -1.50 0.00	45.83 -0.97 0.00	44.92 -0.68 0.00	49.72 -1.31 0.00	58.24 -2.35 0.00	145.78 -4.95 0.00	108.38 -2.59 0.00	52.36 -0.13 0.00	58.84 -0.14 0.00	63.59 0.45 0.00	50.96 0.40 0.00	59.04 0.70 0.00	75.11 0.62 0.00	83.68 -0.57 0.00	99.73 -2.71 0.00	86.60 -2.37 0.00	84.25 -1.94 0.00	84.09 -2.64 0.00	79.17 -2.08 0.00	80.88 -1.87 0.00	93.36 -3.32 0.00	84.46 -2.82 0.00
HUNTLEY___66 23560	47.25 -1.75 0.00	51.38 -1.75 0.00	49.23 -1.50 0.00	45.83 -0.97 0.00	44.92 -0.68 0.00	49.72 -1.31 0.00	58.24 -2.35 0.00	145.78 -4.95 0.00	108.38 -2.59 0.00	52.36 -0.13 0.00	58.84 -0.14 0.00	63.59 0.45 0.00	50.96 0.40 0.00	59.04 0.70 0.00	75.11 0.62 0.00	83.68 -0.57 0.00	99.73 -2.71 0.00	86.60 -2.37 0.00	84.25 -1.94 0.00	84.09 -2.64 0.00	79.17 -2.08 0.00	80.88 -1.87 0.00	93.36 -3.32 0.00	84.46 -2.82 0.00
HUNTLEY___67 23561	46.90 -2.11 0.00	51.03 -2.10 0.00	48.87 -1.87 0.00	45.51 -1.29 0.00	44.61 -0.99 0.00	49.48 -1.55 0.00	58.07 -2.52 0.00	145.43 -5.30 0.00	108.13 -2.84 0.00	52.16 -0.33 0.00	58.60 -0.38 0.00	63.27 0.13 0.00	50.72 0.15 0.00	58.76 0.42 0.00	74.87 0.39 0.00	83.72 -0.53 0.00	100.13 -2.31 0.00	86.86 -2.11 0.00	84.15 -2.03 0.00	84.22 -2.50 0.00	79.28 -1.98 0.00	80.99 -1.76 0.00	93.46 -3.22 0.00	84.48 -2.80 0.00
HUNTLEY___68 23562	46.90 -2.11 0.00	51.03 -2.10 0.00	48.87 -1.87 0.00	45.51 -1.29 0.00	44.61 -0.99 0.00	49.48 -1.55 0.00	58.07 -2.52 0.00	145.43 -5.30 0.00	108.13 -2.84 0.00	52.16 -0.33 0.00	58.60 -0.38 0.00	63.27 0.13 0.00	50.72 0.15 0.00	58.76 0.42 0.00	74.87 0.39 0.00	83.72 -0.53 0.00	100.13 -2.31 0.00	86.86 -2.11 0.00	84.15 -2.03 0.00	84.22 -2.50 0.00	79.28 -1.98 0.00	80.99 -1.76 0.00	93.46 -3.22 0.00	84.48 -2.80 0.00

HYLAND___LFGE 323620	49.37 0.37 0.00	53.75 0.61 0.00	51.41 0.67 0.00	47.72 0.92 0.00	46.76 1.16 0.00	52.51 1.48 0.00	62.79 2.20 0.00	158.70 7.97 0.00	122.96 11.99 0.00	57.47 4.98 0.00	63.03 4.05 0.00	66.99 3.84 0.00	53.93 3.36 0.00	62.46 4.12 0.00	80.22 5.74 0.00	89.59 5.34 0.00	109.34 6.90 0.00	96.52 7.56 0.00	93.57 7.39 0.00	93.77 7.04 0.00	86.89 5.63 0.00	87.61 4.86 0.00	100.05 3.37 0.00	89.38 2.10 0.00
INDECK___CORINTH 23802	52.49 3.49 0.00	56.91 3.77 0.00	54.25 3.52 0.00	49.72 2.91 0.00	48.10 2.50 0.00	53.87 2.83 0.00	63.57 2.98 0.00	155.88 5.15 0.00	113.89 2.91 0.00	53.27 0.78 0.00	59.77 0.79 0.00	64.08 0.94 0.00	51.43 0.87 0.00	59.61 1.27 0.00	76.36 1.88 0.00	86.91 2.66 0.00	106.46 4.02 0.00	92.17 3.20 0.00	89.58 3.39 0.00	90.45 3.72 0.00	85.06 3.80 0.00	86.44 3.69 0.00	100.90 4.22 0.00	90.99 3.71 0.00
INDECK___ILION 23567	50.12 1.11 0.00	54.29 1.16 0.00	51.80 1.06 0.00	47.76 0.95 0.00	46.42 0.82 0.00	52.01 0.98 0.00	61.87 1.28 0.00	153.70 2.98 0.00	112.54 1.56 0.00	52.53 0.04 0.00	58.91 -0.07 0.00	63.22 0.08 0.00	50.71 0.15 0.00	58.58 0.23 0.00	75.34 0.86 0.00	85.78 1.54 0.00	105.00 2.56 0.00	91.51 2.54 0.00	88.78 2.59 0.00	89.43 2.70 0.00	83.82 2.57 0.00	85.35 2.60 0.00	99.69 3.01 0.00	89.82 2.54 0.00
INDECK___OLEAN 23982	47.22 -1.78 0.00	51.41 -1.72 0.00	49.16 -1.58 0.00	45.76 -1.05 0.00	44.77 -0.83 0.00	49.80 -1.23 0.00	58.58 -2.00 0.00	147.69 -3.03 0.00	108.76 -2.22 0.00	52.14 -0.35 0.00	58.89 -0.09 0.00	63.51 0.36 0.00	50.85 0.29 0.00	58.81 0.47 0.00	75.25 0.76 0.00	84.67 0.42 0.00	101.35 -1.09 0.00	87.81 -1.15 0.00	85.06 -1.13 0.00	85.46 -1.28 0.00	79.88 -1.38 0.00	81.86 -0.89 0.00	94.92 -1.76 0.00	85.43 -1.85 0.00
INDECK___OSWEGO 23783	47.11 -1.90 0.00	51.07 -2.07 0.00	48.78 -1.96 0.00	45.07 -1.73 0.00	43.91 -1.68 0.00	49.19 -1.84 0.00	58.48 -2.11 0.00	146.30 -4.42 0.00	108.03 -2.94 0.00	50.67 -1.82 0.00	56.80 -2.18 0.00	61.52 -1.62 0.00	48.97 -1.60 0.00	56.33 -2.01 0.00	71.63 -2.85 0.00	81.01 -3.24 0.00	98.26 -4.18 0.00	85.59 -3.38 0.00	82.93 -3.26 0.00	83.40 -3.33 0.00	78.06 -3.20 0.00	79.56 -3.19 0.00	92.70 -3.99 0.00	83.52 -3.76 0.00
INDECK___YERKES 23781	47.29 -1.72 0.00	51.42 -1.71 0.00	49.27 -1.46 0.00	45.86 -0.94 0.00	44.90 -0.69 0.00	49.76 -1.28 0.00	58.30 -2.29 0.00	145.86 -4.87 0.00	108.48 -2.49 0.00	52.40 -0.09 0.00	58.90 -0.08 0.00	63.66 0.51 0.00	51.00 0.44 0.00	59.09 0.75 0.00	75.16 0.68 0.00	83.65 -0.60 0.00	99.65 -2.78 0.00	86.53 -2.43 0.00	84.28 -1.91 0.00	84.05 -2.68 0.00	79.12 -2.13 0.00	80.84 -1.91 0.00	93.35 -3.33 0.00	84.44 -2.83 0.00
INDIAN POINT_GT_1 24139	50.45 1.45 0.00	54.58 1.45 0.00	52.08 1.34 0.00	47.96 1.15 0.00	46.63 1.03 0.00	52.20 1.17 0.00	62.16 1.57 0.00	153.59 2.87 0.00	111.93 0.95 0.00	52.81 0.32 0.00	59.37 0.39 0.00	64.08 0.93 0.00	51.58 1.01 0.00	59.34 1.00 0.00	75.57 1.09 0.00	85.50 1.25 0.00	104.60 2.16 0.00	90.83 1.86 0.00	87.81 1.62 0.00	88.45 1.72 0.00	82.70 1.44 0.00	84.24 1.49 0.00	98.52 1.83 0.00	88.75 1.47 0.00
INDIAN POINT_GT_2 23659	50.45 1.45 0.00	54.58 1.45 0.00	52.08 1.34 0.00	47.96 1.15 0.00	46.63 1.03 0.00	52.20 1.17 0.00	62.16 1.57 0.00	153.59 2.87 0.00	111.93 0.95 0.00	52.81 0.32 0.00	59.37 0.39 0.00	64.08 0.93 0.00	51.58 1.01 0.00	59.34 1.00 0.00	75.57 1.09 0.00	85.50 1.25 0.00	104.60 2.16 0.00	90.83 1.86 0.00	87.81 1.62 0.00	88.45 1.72 0.00	82.70 1.44 0.00	84.24 1.49 0.00	98.52 1.83 0.00	88.75 1.47 0.00
INDIAN POINT_GT_3 24019	50.45 1.45 0.00	54.58 1.45 0.00	52.08 1.34 0.00	47.96 1.15 0.00	46.63 1.03 0.00	52.20 1.17 0.00	62.16 1.57 0.00	153.59 2.87 0.00	111.93 0.95 0.00	52.81 0.32 0.00	59.37 0.39 0.00	64.08 0.93 0.00	51.58 1.01 0.00	59.34 1.00 0.00	75.57 1.09 0.00	85.50 1.25 0.00	104.60 2.16 0.00	90.83 1.86 0.00	87.81 1.62 0.00	88.45 1.72 0.00	82.70 1.44 0.00	84.24 1.49 0.00	98.52 1.83 0.00	88.75 1.47 0.00
INDIAN POINT___2 23530	50.32 1.32 0.00	54.44 1.30 0.00	51.96 1.22 0.00	47.84 1.04 0.00	46.51 0.91 0.00	52.07 1.03 0.00	62.01 1.42 0.00	153.22 2.50 0.00	111.65 0.67 0.00	52.70 0.21 0.00	59.21 0.23 0.00	63.90 0.75 0.00	51.42 0.86 0.00	59.17 0.83 0.00	75.34 0.86 0.00	85.24 1.00 0.00	104.30 1.86 0.00	90.56 1.59 0.00	87.55 1.36 0.00	88.22 1.48 0.00	82.48 1.23 0.00	84.01 1.26 0.00	98.26 1.57 0.00	88.51 1.23 0.00
INDIAN POINT___3 23531	50.47 1.47 0.00	54.60 1.46 0.00	52.09 1.36 0.00	47.98 1.18 0.00	46.63 1.03 0.00	52.20 1.17 0.00	62.16 1.57 0.00	153.51 2.79 0.00	111.87 0.89 0.00	52.80 0.31 0.00	59.35 0.37 0.00	64.06 0.92 0.00	51.56 1.00 0.00	59.34 1.00 0.00	75.57 1.09 0.00	85.49 1.24 0.00	104.57 2.14 0.00	90.78 1.81 0.00	87.77 1.59 0.00	88.43 1.69 0.00	82.67 1.42 0.00	84.19 1.44 0.00	98.50 1.82 0.00	88.74 1.46 0.00
INGHAM_C_115KV_TB7 356103	51.61 2.61 0.00	55.84 2.70 0.00	53.24 2.51 0.00	49.01 2.21 0.00	47.54 1.95 0.00	53.34 2.31 0.00	63.54 2.95 0.00	157.57 6.85 0.00	114.61 3.64 0.00	52.65 0.16 0.00	58.84 -0.14 0.00	63.12 -0.02 0.00	50.72 0.16 0.00	58.71 0.37 0.00	76.21 1.73 0.00	87.56 3.31 0.00	107.92 5.49 0.00	94.48 5.52 0.00	91.87 5.68 0.00	92.64 5.91 0.00	86.87 5.61 0.00	88.40 5.66 0.00	103.32 6.64 0.00	92.93 5.65 0.00
IP CORINTH___1 23988	52.49 3.49 0.00	56.91 3.77 0.00	54.25 3.52 0.00	49.76 2.96 0.00	48.20 2.60 0.00	54.00 2.97 0.00	63.86 3.27 0.00	156.77 6.04 0.00	114.54 3.57 0.00	53.57 1.08 0.00	60.11 1.13 0.00	64.44 1.29 0.00	51.73 1.16 0.00	59.94 1.60 0.00	76.81 2.33 0.00	87.42 3.17 0.00	107.07 4.64 0.00	92.71 3.74 0.00	90.09 3.91 0.00	90.96 4.23 0.00	85.54 4.28 0.00	86.93 4.18 0.00	101.47 4.79 0.00	91.49 4.21 0.00
IP___TICONDEROGA 23804	54.67 5.66 0.00	59.34 6.20 0.00	56.45 5.72 0.00	51.83 5.03 0.00	50.23 4.64 0.00	56.57 5.54 0.00	67.57 6.98 0.00	164.86 14.14 0.00	119.89 8.91 0.00	55.55 3.05 0.00	62.33 3.35 0.00	66.71 3.56 0.00	53.74 3.18 0.00	62.74 4.39 0.00	80.68 6.20 0.00	91.97 7.73 0.00	114.08 11.64 0.00	98.52 9.56 0.00	96.22 10.04 0.00	97.60 10.87 0.00	91.94 10.68 0.00	93.10 10.36 0.00	108.04 11.36 0.00	97.03 9.75 0.00
ISLIP_RES_REC 323679	51.50 2.49 0.00	55.59 2.46 0.00	53.02 2.28 0.00	48.87 2.07 0.00	47.57 1.97 0.00	53.51 2.47 0.00	62.59 2.00 0.00	152.22 4.05 0.00	109.51 0.17 0.00	52.64 0.15 0.00	60.40 1.42 0.00	65.54 2.40 0.00	52.65 2.09 0.00	60.49 2.15 0.00	77.88 3.39 0.00	88.72 4.03 -0.43	113.18 5.29 -5.45	97.63 3.97 -4.70	108.84 4.56 -18.09	120.87 4.57 -29.56	111.37 4.24 -25.88	108.47 4.43 -21.29	106.66 5.33 -4.64	93.73 4.75 -1.70

JAMAICA__27_KV_LOAD 355505	50.85 1.85 0.00	54.95 1.82 0.00	52.49 1.76 0.00	48.23 1.42 0.00	46.87 1.27 0.00	52.53 1.49 0.00	62.36 1.77 0.00	153.97 3.25 0.00	112.08 1.10 0.00	53.05 0.56 0.00	59.91 0.93 0.00	64.44 1.30 0.00	51.97 1.41 0.00	59.75 1.41 0.00	75.72 1.23 0.00	85.45 1.21 0.00	104.83 2.39 0.00	91.05 2.08 0.00	87.85 1.67 0.00	88.36 1.63 0.00	82.32 1.07 0.00	83.85 1.10 0.00	98.12 1.43 0.00	88.56 1.28 0.00
JANIS__SOLAR 323808	49.44 0.43 0.00	53.45 0.32 0.00	50.84 0.11 0.00	46.97 0.17 0.00	45.78 0.18 0.00	51.56 0.53 0.00	61.86 1.27 0.00	155.02 4.30 0.00	114.39 3.42 0.00	53.79 1.30 0.00	59.79 0.81 0.00	63.83 0.69 0.00	50.85 0.28 0.00	59.10 0.76 0.00	76.78 2.30 0.00	88.31 4.06 0.00	107.70 5.27 0.00	94.53 5.57 0.00	91.74 5.56 0.00	92.22 5.49 0.00	86.14 4.89 0.00	87.48 4.74 0.00	101.19 4.51 0.00	90.29 3.01 0.00
JARVIS____ 23743	49.06 0.05 0.00	53.24 0.10 0.00	50.84 0.10 0.00	46.89 0.08 0.00	45.64 0.04 0.00	51.08 0.05 0.00	60.62 0.03 0.00	150.72 0.00 0.00	110.82 -0.15 0.00	52.31 -0.18 0.00	58.76 -0.22 0.00	63.04 -0.10 0.00	50.51 -0.05 0.00	58.28 -0.06 0.00	74.43 -0.05 0.00	84.19 -0.06 0.00	102.48 0.05 0.00	89.02 0.06 0.00	86.24 0.05 0.00	86.82 0.09 0.00	81.34 0.08 0.00	82.85 0.10 0.00	96.82 0.14 0.00	87.37 0.09 0.00
JENNISON____1 23625	48.89 -0.12 0.00	52.84 -0.30 0.00	50.22 -0.51 0.00	46.30 -0.51 0.00	44.99 -0.60 0.00	50.70 -0.33 0.00	60.67 0.08 0.00	151.83 1.11 0.00	111.90 0.92 0.00	52.84 0.35 0.00	59.37 0.39 0.00	63.90 0.75 0.00	51.11 0.54 0.00	59.46 1.12 0.00	77.27 2.79 0.00	88.19 3.94 0.00	107.46 5.02 0.00	94.15 5.18 0.00	91.30 5.11 0.00	91.82 5.09 0.00	85.81 4.55 0.00	87.27 4.52 0.00	100.64 3.96 0.00	89.34 2.06 0.00
JENNISON____2 23626	48.89 -0.12 0.00	52.84 -0.30 0.00	50.22 -0.51 0.00	46.30 -0.51 0.00	44.99 -0.60 0.00	50.70 -0.33 0.00	60.67 0.08 0.00	151.83 1.11 0.00	111.90 0.92 0.00	52.84 0.35 0.00	59.37 0.39 0.00	63.90 0.75 0.00	51.11 0.54 0.00	59.46 1.12 0.00	77.27 2.79 0.00	88.19 3.94 0.00	107.46 5.02 0.00	94.15 5.18 0.00	91.30 5.11 0.00	91.82 5.09 0.00	85.81 4.55 0.00	87.27 4.52 0.00	100.64 3.96 0.00	89.34 2.06 0.00
JERICOHO_RISE_WT_PWR 323719	48.95 -0.06 0.00	52.76 -0.38 0.00	50.18 -0.56 0.00	46.30 -0.50 0.00	45.28 -0.31 0.00	50.95 -0.08 0.00	60.65 0.06 0.00	151.89 1.17 0.00	111.51 0.53 0.00	52.78 0.29 0.00	59.67 0.69 0.00	64.08 0.94 0.00	51.45 0.89 0.00	59.62 1.28 0.00	76.39 1.91 0.00	86.49 2.25 0.00	105.22 2.78 0.00	91.62 2.66 0.00	88.71 2.52 0.00	89.30 2.57 0.00	83.81 2.56 0.00	85.12 2.37 0.00	99.71 3.03 0.00	90.18 2.90 0.00
KATONAH__115KV_46KV_TB4 355592	50.87 1.87 0.00	55.05 1.91 0.00	52.51 1.78 0.00	48.36 1.56 0.00	47.02 1.43 0.00	52.64 1.61 0.00	62.76 2.17 0.00	155.11 4.39 0.00	113.02 2.05 0.00	53.34 0.84 0.00	59.96 0.98 0.00	64.69 1.55 0.00	52.07 1.50 0.00	59.93 1.59 0.00	76.34 1.86 0.00	86.43 2.18 0.00	105.76 3.33 0.00	91.84 2.88 0.00	88.85 2.67 0.00	89.48 2.75 0.00	83.67 2.41 0.00	85.15 2.41 0.00	99.54 2.86 0.00	89.63 2.35 0.00
KCE_NY_1 323755	51.77 2.76 0.00	56.11 2.98 0.00	53.51 2.78 0.00	49.24 2.43 0.00	47.83 2.23 0.00	53.55 2.52 0.00	63.55 2.97 0.00	156.75 6.03 0.00	114.65 3.67 0.00	53.69 1.20 0.00	60.26 1.28 0.00	64.68 1.53 0.00	51.90 1.33 0.00	60.21 1.87 0.00	76.97 2.49 0.00	87.46 3.21 0.00	106.83 4.40 0.00	92.67 3.71 0.00	89.93 3.74 0.00	90.68 3.95 0.00	85.11 3.85 0.00	86.63 3.88 0.00	101.16 4.47 0.00	91.23 3.95 0.00
KCE_NY_6_ESR 323823	47.22 -1.78 0.00	51.38 -1.75 0.00	49.22 -1.52 0.00	45.82 -0.98 0.00	44.85 -0.75 0.00	49.97 -1.06 0.00	58.78 -1.81 0.00	147.47 -3.25 0.00	109.65 -1.32 0.00	52.82 0.32 0.00	59.33 0.36 0.00	64.05 0.91 0.00	51.32 0.76 0.00	59.46 1.12 0.00	75.85 1.36 0.00	84.91 0.66 0.00	101.61 -0.83 0.00	88.19 -0.78 0.00	85.47 -0.71 0.00	85.58 -1.15 0.00	80.53 -0.73 0.00	82.23 -0.51 0.00	94.88 -1.80 0.00	85.62 -1.66 0.00
KEDC_PORT_JEFF_GT2 24210	51.15 2.14 0.00	55.22 2.09 0.00	52.65 1.92 0.00	48.52 1.72 0.00	47.21 1.62 0.00	53.08 2.05 0.00	62.07 1.49 0.00	150.05 2.49 0.00	108.07 -0.87 0.00	52.21 -0.28 0.00	59.92 0.94 0.00	65.06 1.91 0.00	52.24 1.68 0.00	60.02 1.68 0.00	77.18 2.69 0.00	87.76 3.08 0.00	111.43 3.76 0.00	96.12 2.53 0.00	107.18 3.32 0.00	119.25 3.52 0.00	110.26 3.45 0.00	107.53 3.75 0.00	105.88 4.61 0.00	93.08 4.12 0.00
KEDC_PORT_JEFF_GT3 24211	51.15 2.14 0.00	55.22 2.09 0.00	52.65 1.92 0.00	48.52 1.72 0.00	47.21 1.62 0.00	53.08 2.05 0.00	62.07 1.49 0.00	150.05 2.49 0.00	108.07 -0.87 0.00	52.21 -0.28 0.00	59.92 0.94 0.00	65.06 1.91 0.00	52.24 1.68 0.00	60.02 1.68 0.00	77.18 2.69 0.00	87.76 3.08 0.00	111.43 3.76 0.00	96.12 2.53 0.00	107.18 3.32 0.00	119.25 3.52 0.00	110.26 3.45 0.00	107.53 3.75 0.00	105.88 4.61 0.00	93.08 4.12 0.00
KEDC_GLWD_GT4 24219	51.12 2.12 0.00	55.30 2.16 0.00	52.74 2.00 0.00	48.57 1.77 0.00	47.22 1.63 0.00	52.92 1.89 0.00	62.88 2.29 0.00	155.35 4.63 0.00	112.91 1.94 0.00	53.39 0.90 0.00	60.29 1.31 0.00	65.15 2.01 0.00	52.35 1.78 0.00	60.20 1.85 0.00	76.91 2.42 0.00	87.75 2.75 0.00	106.36 3.92 0.00	99.07 3.30 0.00	108.33 3.11 0.00	128.04 3.17 0.00	128.52 2.81 0.00	122.73 2.90 0.00	108.27 3.50 0.00	93.23 2.99 0.00
KEDC_GLWD_GT5 24220	51.12 2.12 0.00	55.30 2.16 0.00	52.74 2.00 0.00	48.57 1.77 0.00	47.22 1.63 0.00	52.92 1.89 0.00	62.88 2.29 0.00	155.35 4.63 0.00	112.91 1.94 0.00	53.39 0.90 0.00	60.29 1.31 0.00	65.15 2.01 0.00	52.35 1.78 0.00	60.20 1.85 0.00	76.91 2.42 0.00	87.75 2.75 0.00	106.36 3.92 0.00	99.07 3.30 0.00	108.33 3.11 0.00	128.04 3.17 0.00	128.52 2.81 0.00	122.73 2.90 0.00	108.27 3.50 0.00	93.23 2.99 0.00
KENSICO____ 23655	50.62 1.62 0.00	54.76 1.62 0.00	52.25 1.52 0.00	48.12 1.32 0.00	46.77 1.17 0.00	52.36 1.33 0.00	62.36 1.77 0.00	154.08 3.36 0.00	112.27 1.30 0.00	52.99 0.49 0.00	59.60 0.62 0.00	64.36 1.22 0.00	51.80 1.24 0.00	59.61 1.27 0.00	75.91 1.42 0.00	85.88 1.63 0.00	105.04 2.60 0.00	91.16 2.19 0.00	88.13 1.95 0.00	88.78 2.05 0.00	82.99 1.74 0.00	84.50 1.75 0.00	98.84 2.16 0.00	89.03 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.92 1.91 0.00	55.13 2.00 0.00	52.61 1.88 0.00	48.45 1.65 0.00	47.12 1.53 0.00	52.78 1.75 0.00	63.01 2.42 0.00	156.02 5.30 0.00	113.59 2.61 0.00	53.35 0.85 0.00	59.65 0.67 0.00	64.16 1.02 0.00	51.60 1.03 0.00	59.47 1.13 0.00	76.17 1.69 0.00	86.49 2.24 0.00	106.13 3.70 0.00	92.31 3.34 0.00	89.38 3.19 0.00	90.07 3.33 0.00	84.19 2.94 0.00	85.62 2.88 0.00	99.97 3.29 0.00	89.98 2.70 0.00

KLAC_JFK_GT1 23816	50.55 1.55 0.00	54.63 1.49 0.00	52.19 1.46 0.00	47.95 1.15 0.00	46.59 1.00 0.00	52.13 1.10 0.00	61.73 1.14 0.00	152.33 1.61 0.00	110.93 -0.05 0.00	52.51 0.02 0.00	59.36 0.38 0.00	63.87 0.72 0.00	51.52 0.96 0.00	59.24 0.90 0.00	75.03 0.55 0.00	84.57 0.32 0.00	103.72 1.28 0.00	90.07 1.10 0.00	86.91 0.73 0.00	87.41 0.68 0.00	81.43 0.18 0.00	82.95 0.20 0.00	97.12 0.44 0.00	87.97 0.69 0.00
KIAC_JFK_GT2 23817	50.55 1.55 0.00	54.63 1.49 0.00	52.19 1.46 0.00	47.95 1.15 0.00	46.59 1.00 0.00	52.13 1.10 0.00	61.73 1.14 0.00	152.33 1.61 0.00	110.93 -0.05 0.00	52.51 0.02 0.00	59.36 0.38 0.00	63.87 0.72 0.00	51.52 0.96 0.00	59.24 0.90 0.00	75.03 0.55 0.00	84.57 0.32 0.00	103.72 1.28 0.00	90.07 1.10 0.00	86.91 0.73 0.00	87.41 0.68 0.00	81.43 0.18 0.00	82.95 0.20 0.00	97.12 0.44 0.00	87.97 0.69 0.00
KIAC_JFK____ 323774	50.55 1.55 0.00	54.63 1.49 0.00	52.19 1.46 0.00	47.95 1.14 0.00	46.60 1.01 0.00	52.13 1.10 0.00	61.73 1.14 0.00	152.36 1.64 0.00	110.93 -0.05 0.00	52.51 0.02 0.00	59.37 0.39 0.00	63.87 0.72 0.00	51.52 0.96 0.00	59.24 0.90 0.00	75.03 0.55 0.00	84.57 0.32 0.00	103.71 1.28 0.00	90.07 1.10 0.00	86.91 0.73 0.00	87.41 0.68 0.00	81.46 0.20 0.00	82.95 0.20 0.00	97.12 0.43 0.00	87.97 0.69 0.00
KINTIGH__24_KV_GSU 356498	47.09 -1.92 0.00	51.20 -1.93 0.00	48.99 -1.74 0.00	45.56 -1.25 0.00	44.58 -1.02 0.00	49.55 -1.48 0.00	58.21 -2.38 0.00	145.50 -5.21 0.00	108.09 -2.88 0.00	51.98 -0.51 0.00	58.38 -0.60 0.00	63.06 -0.08 0.00	50.48 -0.08 0.00	58.48 0.13 0.00	74.50 0.01 0.00	83.40 -0.85 0.00	100.00 -2.44 0.00	86.72 -2.25 0.00	83.96 -2.23 0.00	84.10 -2.63 0.00	79.07 -2.19 0.00	80.72 -2.03 0.00	93.27 -3.41 0.00	84.23 -3.04 0.00
KINTIGH____ 23543	47.05 -1.95 0.00	51.15 -1.98 0.00	48.96 -1.78 0.00	45.53 -1.27 0.00	44.59 -1.00 0.00	49.51 -1.53 0.00	58.15 -2.44 0.00	145.41 -5.31 0.00	108.01 -2.96 0.00	51.95 -0.54 0.00	58.33 -0.65 0.00	63.01 -0.13 0.00	50.45 -0.12 0.00	58.43 0.09 0.00	74.43 -0.06 0.00	83.32 -0.93 0.00	99.96 -2.47 0.00	86.68 -2.29 0.00	83.91 -2.28 0.00	84.04 -2.70 0.00	79.03 -2.23 0.00	80.67 -2.07 0.00	93.18 -3.50 0.00	84.21 -3.07 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	49.77 0.77 0.00	53.64 0.50 0.00	50.99 0.26 0.00	47.00 0.19 0.00	45.94 0.35 0.00	51.85 0.82 0.00	61.73 1.15 0.00	154.77 4.05 0.00	113.75 2.78 0.00	53.69 1.20 0.00	60.61 1.63 0.00	64.99 1.85 0.00	52.17 1.60 0.00	60.50 2.16 0.00	77.70 3.22 0.00	88.14 3.89 0.00	107.55 5.11 0.00	93.89 4.92 0.00	90.75 4.57 0.00	91.51 4.77 0.00	86.00 4.75 0.00	87.15 4.40 0.00	102.08 5.40 0.00	92.24 4.96 0.00
LACHUTE____HYDRO 323717	54.67 5.66 0.00	59.34 6.20 0.00	56.45 5.72 0.00	51.83 5.03 0.00	50.23 4.63 0.00	56.57 5.54 0.00	67.56 6.98 0.00	164.86 14.14 0.00	119.89 8.91 0.00	55.55 3.05 0.00	62.33 3.35 0.00	66.71 3.56 0.00	53.74 3.18 0.00	62.73 4.39 0.00	80.68 6.20 0.00	91.97 7.73 0.00	114.07 11.64 0.00	98.52 9.55 0.00	96.22 10.03 0.00	97.60 10.87 0.00	91.94 10.68 0.00	93.10 10.35 0.00	108.04 11.36 0.00	97.03 9.75 0.00
LAWRNCV_115KV_TB1 80681	49.45 0.44 0.00	53.63 0.49 0.00	51.29 0.55 0.00	47.47 0.66 0.00	46.40 0.81 0.00	51.95 0.92 0.00	61.92 1.33 0.00	154.18 3.46 0.00	113.19 2.21 0.00	53.62 1.13 0.00	60.41 1.43 0.00	64.80 1.66 0.00	51.87 1.31 0.00	59.97 1.62 0.00	76.16 1.67 0.00	85.90 1.65 0.00	104.40 1.96 0.00	90.95 1.98 0.00	87.93 1.75 0.00	88.35 1.61 0.00	82.60 1.35 0.00	83.72 0.97 0.00	98.35 1.67 0.00	89.28 2.00 0.00
LEDERLE____ 23769	50.62 1.61 0.00	54.76 1.62 0.00	52.25 1.52 0.00	48.12 1.31 0.00	46.77 1.18 0.00	52.39 1.36 0.00	62.40 1.82 0.00	154.19 3.47 0.00	112.37 1.40 0.00	53.03 0.54 0.00	59.58 0.60 0.00	64.29 1.15 0.00	51.74 1.18 0.00	59.56 1.21 0.00	75.87 1.38 0.00	85.84 1.59 0.00	105.04 2.60 0.00	91.22 2.25 0.00	88.19 2.01 0.00	88.86 2.13 0.00	83.07 1.82 0.00	84.59 1.84 0.00	98.91 2.23 0.00	89.05 1.77 0.00
LIGHTHSE_115KV_TB6 355974	47.21 -1.79 0.00	51.16 -1.98 0.00	48.91 -1.83 0.00	45.34 -1.46 0.00	44.13 -1.47 0.00	49.60 -1.43 0.00	59.23 -1.36 0.00	149.05 -1.68 0.00	110.03 -0.94 0.00	51.70 -0.79 0.00	57.96 -1.02 0.00	62.62 -0.52 0.00	49.79 -0.77 0.00	57.42 -0.93 0.00	73.25 -1.24 0.00	83.32 -0.93 0.00	101.34 -1.10 0.00	88.48 -0.49 0.00	85.68 -0.50 0.00	86.07 -0.66 0.00	80.46 -0.80 0.00	81.95 -0.80 0.00	95.44 -1.24 0.00	85.93 -1.35 0.00
LINDEN COGEN____ 23786	50.68 1.67 0.00	54.79 1.66 0.00	52.27 1.54 0.00	48.13 1.33 0.00	46.82 1.22 0.00	52.42 1.38 0.00	62.52 1.93 0.00	154.51 3.79 0.00	112.52 1.54 0.00	53.14 0.65 0.00	59.75 0.77 0.00	64.60 1.46 0.00	52.02 1.45 0.00	59.82 1.48 0.00	76.06 1.57 0.00	85.87 1.62 0.00	105.10 2.66 0.00	91.15 2.18 0.00	88.01 1.83 0.00	88.63 1.90 0.00	82.74 1.49 0.00	84.22 1.47 0.00	98.49 1.81 0.00	88.69 1.41 0.00
LINDHRST_69_KV_BK1 356055	51.61 2.60 0.00	55.74 2.61 0.00	53.18 2.45 0.00	48.98 2.17 0.00	47.62 2.02 0.00	53.47 2.44 0.00	63.17 2.58 0.00	154.31 5.58 1.99	111.62 1.93 1.28	53.44 0.94 0.00	60.76 1.78 0.00	65.70 2.56 0.00	52.74 2.18 0.00	60.57 2.23 0.00	77.82 3.34 0.00	88.59 3.84 -0.51	108.77 5.25 -1.09	97.98 4.30 -4.71	104.76 4.41 -14.16	118.31 4.53 -27.06	115.23 4.13 -29.84	112.01 4.43 -24.83	107.30 5.20 -5.42	93.83 4.57 -1.98
LIPA_MISC_IPP 23656	51.11 2.10 0.00	55.17 2.03 0.00	52.59 1.86 0.00	48.48 1.67 0.00	47.17 1.58 0.00	53.04 2.01 0.00	61.56 0.97 0.00	151.19 1.50 1.03	108.17 -2.15 0.66	51.55 -0.94 0.00	59.57 0.59 0.00	64.88 1.73 0.00	52.14 1.58 0.00	60.00 1.65 0.00	77.26 2.78 0.00	88.14 3.47 -0.43	114.03 4.62 -6.98	96.91 3.09 -4.85	110.04 3.96 -19.90	122.12 4.07 -31.31	110.65 3.88 -25.52	107.68 4.02 -20.91	106.16 4.92 -4.56	93.34 4.39 -1.67
LISF____SOLAR 323691	51.21 2.21 0.00	55.28 2.15 0.00	52.70 1.97 0.00	48.59 1.78 0.00	47.28 1.68 0.00	53.17 2.14 0.00	61.68 1.09 0.00	151.19 1.83 1.36	108.09 -2.01 0.88	51.61 -0.88 0.00	59.61 0.63 0.00	64.95 1.80 0.00	52.19 1.62 0.00	60.05 1.70 0.00	77.37 2.89 0.00	88.35 3.67 -0.43	114.01 4.90 -6.68	97.12 3.33 -4.82	109.95 4.24 -19.53	121.98 4.31 -30.94	110.90 4.09 -25.55	107.95 4.25 -20.95	106.39 5.14 -4.57	93.54 4.59 -1.67
LITTLE FALLS____HYD 24013	51.61 2.61 0.00	55.84 2.70 0.00	53.24 2.51 0.00	49.01 2.21 0.00	47.54 1.95 0.00	53.34 2.31 0.00	63.54 2.95 0.00	157.57 6.85 0.00	114.61 3.64 0.00	52.65 0.16 0.00	58.84 -0.14 0.00	63.12 -0.02 0.00	50.72 0.16 0.00	58.71 0.37 0.00	76.21 1.73 0.00	87.56 3.31 0.00	107.92 5.49 0.00	94.48 5.52 0.00	91.87 5.68 0.00	92.64 5.91 0.00	86.87 5.61 0.00	88.40 5.66 0.00	103.32 6.64 0.00	92.93 5.65 0.00

LITTLRIV_115KV_TB1 356100	49.99 0.99 0.00	54.19 1.05 0.00	51.93 1.20 0.00	48.04 1.24 0.00	47.02 1.43 0.00	52.59 1.56 0.00	62.78 2.20 0.00	156.24 5.52 0.00	114.57 3.59 0.00	54.17 1.68 0.00	60.81 1.83 0.00	65.22 2.07 0.00	52.26 1.70 0.00	60.39 2.05 0.00	76.58 2.10 0.00	86.57 2.33 0.00	105.63 3.19 0.00	92.12 3.15 0.00	89.07 2.88 0.00	89.47 2.73 0.00	83.63 2.38 0.00	84.72 1.97 0.00	99.45 2.77 0.00	90.22 2.94 0.00
LI_NEWBRDGE___DRP 323616	50.85 1.84 0.00	54.97 1.84 0.00	52.43 1.69 0.00	48.29 1.49 0.00	46.94 1.35 0.00	52.65 1.62 0.00	62.31 1.72 0.00	153.87 3.14 0.00	111.45 0.48 0.00	52.81 0.32 0.00	59.88 0.90 0.00	64.74 1.59 0.00	52.00 1.44 0.00	59.75 1.41 0.00	76.54 2.06 0.00	86.89 2.25 -0.40	105.67 3.23 0.00	95.11 2.58 -3.56	98.70 2.55 -9.96	109.32 2.62 -19.96	106.92 2.40 -23.27	104.74 2.57 -19.41	104.11 3.19 -4.24	91.66 2.83 -1.55
LOCKPORT_115KV_TB60_63_64 80432	46.96 -2.04 0.00	51.06 -2.07 0.00	48.92 -1.81 0.00	45.52 -1.29 0.00	44.59 -1.01 0.00	49.27 -1.76 0.00	57.66 -2.93 0.00	144.47 -6.26 0.00	107.53 -3.45 0.00	51.97 -0.53 0.00	58.29 -0.69 0.00	62.96 -0.18 0.00	50.45 -0.11 0.00	58.49 0.15 0.00	74.42 -0.06 0.00	82.98 -1.27 0.00	99.36 -3.08 0.00	86.20 -2.77 0.00	83.53 -2.66 0.00	83.56 -3.17 0.00	78.77 -2.48 0.00	80.48 -2.27 0.00	92.84 -3.84 0.00	83.82 -3.46 0.00
LOCKPORT___CC1 323769	46.93 -2.08 0.00	51.04 -2.09 0.00	48.89 -1.84 0.00	45.47 -1.33 0.00	44.48 -1.12 0.00	49.17 -1.86 0.00	57.51 -3.08 0.00	144.03 -6.70 0.00	107.22 -3.75 0.00	51.82 -0.67 0.00	58.13 -0.85 0.00	62.80 -0.34 0.00	50.32 -0.25 0.00	58.33 -0.02 0.00	74.24 -0.24 0.00	82.80 -1.45 0.00	99.09 -3.35 0.00	85.92 -3.04 0.00	83.28 -2.90 0.00	83.32 -3.41 0.00	78.56 -2.69 0.00	80.24 -2.51 0.00	92.65 -4.03 0.00	83.63 -3.65 0.00
LOCKPORT___CC2 323770	46.93 -2.08 0.00	51.04 -2.09 0.00	48.89 -1.84 0.00	45.47 -1.33 0.00	44.48 -1.12 0.00	49.17 -1.86 0.00	57.51 -3.08 0.00	144.03 -6.70 0.00	107.22 -3.75 0.00	51.82 -0.67 0.00	58.13 -0.85 0.00	62.80 -0.34 0.00	50.32 -0.25 0.00	58.33 -0.02 0.00	74.24 -0.24 0.00	82.80 -1.45 0.00	99.09 -3.35 0.00	85.92 -3.04 0.00	83.28 -2.90 0.00	83.32 -3.41 0.00	78.56 -2.69 0.00	80.24 -2.51 0.00	92.65 -4.03 0.00	83.63 -3.65 0.00
LOCKPORT___CC3 323771	46.93 -2.08 0.00	51.04 -2.09 0.00	48.89 -1.84 0.00	45.47 -1.33 0.00	44.48 -1.12 0.00	49.17 -1.86 0.00	57.51 -3.08 0.00	144.03 -6.70 0.00	107.22 -3.75 0.00	51.82 -0.67 0.00	58.13 -0.85 0.00	62.80 -0.34 0.00	50.32 -0.25 0.00	58.33 -0.02 0.00	74.24 -0.24 0.00	82.80 -1.45 0.00	99.09 -3.35 0.00	85.92 -3.04 0.00	83.28 -2.90 0.00	83.32 -3.41 0.00	78.56 -2.69 0.00	80.24 -2.51 0.00	92.65 -4.03 0.00	83.63 -3.65 0.00
LOCUSVLY_69_KV_BK2 55797	51.25 2.25 0.00	55.43 2.29 0.00	52.86 2.12 0.00	48.68 1.88 0.00	47.32 1.73 0.00	53.07 2.04 0.00	62.94 2.35 0.00	154.89 4.80 0.63	112.48 1.91 0.41	53.42 0.93 0.00	60.44 1.46 0.00	65.33 2.19 0.00	52.47 1.91 0.00	60.31 1.97 0.00	77.17 2.68 0.00	87.96 3.04 -0.67	105.03 4.23 1.63	98.29 3.54 -5.79	104.31 3.43 -14.70	121.70 3.49 -31.48	123.73 3.18 -39.29	118.91 3.30 -32.87	107.85 4.00 -7.17	93.41 3.51 -2.62
LONG_LAKE_PHOENIX 24014	47.20 -1.80 0.00	51.19 -1.95 0.00	48.90 -1.84 0.00	45.16 -1.64 0.00	44.00 -1.59 0.00	49.30 -1.74 0.00	58.56 -2.03 0.00	146.52 -4.20 0.00	108.15 -2.83 0.00	50.71 -1.78 0.00	56.89 -2.08 0.00	61.57 -1.57 0.00	49.06 -1.50 0.00	56.52 -1.83 0.00	72.23 -2.26 0.00	81.74 -2.51 0.00	99.18 -3.26 0.00	86.37 -2.59 0.00	83.64 -2.54 0.00	84.12 -2.62 0.00	78.74 -2.52 0.00	80.17 -2.57 0.00	93.33 -3.35 0.00	84.09 -3.19 0.00
LOVETT___3 23632	50.41 1.41 0.00	54.54 1.40 0.00	52.02 1.29 0.00	47.91 1.11 0.00	46.58 0.99 0.00	52.15 1.11 0.00	62.04 1.46 0.00	153.20 2.47 0.00	111.59 0.62 0.00	52.66 0.17 0.00	59.18 0.20 0.00	63.87 0.73 0.00	51.41 0.84 0.00	59.16 0.82 0.00	75.33 0.85 0.00	85.21 0.96 0.00	104.26 1.82 0.00	90.52 1.55 0.00	87.51 1.33 0.00	88.17 1.44 0.00	82.46 1.21 0.00	84.01 1.27 0.00	98.30 1.62 0.00	88.55 1.27 0.00
LOVETT___4 23642	50.41 1.41 0.00	54.54 1.40 0.00	52.02 1.29 0.00	47.91 1.11 0.00	46.58 0.99 0.00	52.15 1.11 0.00	62.04 1.46 0.00	153.20 2.47 0.00	111.59 0.62 0.00	52.66 0.17 0.00	59.18 0.20 0.00	63.87 0.73 0.00	51.41 0.84 0.00	59.16 0.82 0.00	75.33 0.85 0.00	85.21 0.96 0.00	104.26 1.82 0.00	90.52 1.55 0.00	87.51 1.33 0.00	88.17 1.44 0.00	82.46 1.21 0.00	84.01 1.27 0.00	98.30 1.62 0.00	88.55 1.27 0.00
LOVETT___5 23593	50.41 1.41 0.00	54.54 1.40 0.00	52.02 1.29 0.00	47.91 1.11 0.00	46.58 0.99 0.00	52.15 1.11 0.00	62.04 1.46 0.00	153.20 2.47 0.00	111.59 0.62 0.00	52.66 0.17 0.00	59.18 0.20 0.00	63.87 0.73 0.00	51.41 0.84 0.00	59.16 0.82 0.00	75.33 0.85 0.00	85.21 0.96 0.00	104.26 1.82 0.00	90.52 1.55 0.00	87.51 1.33 0.00	88.17 1.44 0.00	82.46 1.21 0.00	84.01 1.27 0.00	98.30 1.62 0.00	88.55 1.27 0.00
LOWER RAQUET___HYD 24057	49.28 0.28 0.00	53.47 0.33 0.00	51.15 0.42 0.00	47.35 0.55 0.00	46.28 0.69 0.00	51.81 0.78 0.00	61.80 1.22 0.00	153.79 3.07 0.00	112.95 1.97 0.00	53.55 1.05 0.00	60.33 1.35 0.00	64.71 1.57 0.00	51.79 1.22 0.00	59.89 1.55 0.00	75.95 1.46 0.00	85.63 1.39 0.00	104.08 1.65 0.00	90.72 1.76 0.00	87.70 1.52 0.00	88.10 1.37 0.00	82.40 1.14 0.00	83.55 0.80 0.00	98.17 1.49 0.00	89.18 1.90 0.00
LOWER___HUDSON 24059	50.91 1.91 0.00	55.22 2.09 0.00	52.70 1.97 0.00	48.53 1.73 0.00	47.10 1.51 0.00	52.63 1.60 0.00	62.46 1.88 0.00	153.90 3.18 0.00	112.70 1.72 0.00	52.97 0.47 0.00	59.51 0.53 0.00	63.94 0.79 0.00	51.34 0.77 0.00	59.38 1.04 0.00	75.68 1.20 0.00	85.80 1.56 0.00	104.68 2.24 0.00	90.85 1.88 0.00	88.06 1.88 0.00	88.87 2.13 0.00	83.49 2.23 0.00	85.07 2.32 0.00	99.48 2.81 0.00	89.84 2.56 0.00
LOWVILLE_115KV_TB2 356335	47.34 -1.66 0.00	51.41 -1.72 0.00	49.22 -1.51 0.00	46.02 -0.78 0.00	44.63 -0.97 0.00	50.53 -0.51 0.00	61.09 0.50 0.00	155.89 5.16 0.00	115.00 4.03 0.00	54.00 1.51 0.00	60.87 1.89 0.00	65.25 2.11 0.00	52.01 1.45 0.00	60.07 1.73 0.00	76.95 2.46 0.00	87.78 3.53 0.00	107.31 4.87 0.00	93.87 4.91 0.00	90.87 4.69 0.00	91.21 4.48 0.00	85.07 3.82 0.00	86.86 4.11 0.00	101.04 4.35 0.00	90.68 3.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.73 2.73 0.00	56.10 2.96 0.00	53.53 2.79 0.00	49.24 2.43 0.00	47.81 2.21 0.00	53.52 2.49 0.00	63.53 2.94 0.00	156.58 5.86 0.00	114.55 3.57 0.00	53.66 1.17 0.00	60.22 1.24 0.00	64.61 1.47 0.00	51.86 1.30 0.00	60.09 1.75 0.00	76.88 2.39 0.00	87.36 3.11 0.00	106.74 4.30 0.00	92.56 3.60 0.00	89.81 3.62 0.00	90.56 3.83 0.00	85.02 3.77 0.00	86.55 3.80 0.00	101.06 4.38 0.00	91.17 3.89 0.00

LUTHERNY_35_KV_BK2 355980	51.77 2.76 0.00	56.12 2.98 0.00	53.52 2.78 0.00	49.24 2.43 0.00	47.83 2.23 0.00	53.55 2.52 0.00	63.55 2.97 0.00	156.73 6.01 0.00	114.65 3.67 0.00	53.69 1.20 0.00	60.27 1.29 0.00	64.68 1.53 0.00	51.90 1.33 0.00	60.22 1.87 0.00	76.98 2.49 0.00	87.45 3.21 0.00	106.83 4.39 0.00	92.67 3.71 0.00	89.93 3.74 0.00	90.68 3.95 0.00	85.11 3.85 0.00	86.63 3.88 0.00	101.15 4.47 0.00	91.23 3.95 0.00
LWR___OSWEGATCHIE_HYD 23850	48.00 -1.00 0.00	51.95 -1.18 0.00	49.71 -1.02 0.00	46.23 -0.57 0.00	45.01 -0.58 0.00	50.61 -0.42 0.00	60.76 0.18 0.00	152.94 2.22 0.00	112.54 1.56 0.00	53.13 0.64 0.00	60.01 1.04 0.00	64.37 1.22 0.00	51.38 0.82 0.00	59.39 1.05 0.00	75.62 1.14 0.00	85.63 1.38 0.00	104.33 1.89 0.00	91.12 2.16 0.00	88.14 1.95 0.00	88.50 1.77 0.00	82.68 1.43 0.00	84.35 1.61 0.00	98.63 1.95 0.00	89.04 1.76 0.00
LYONS_FALL_HYD 23570	48.28 -0.73 0.00	52.43 -0.71 0.00	50.14 -0.59 0.00	46.66 -0.14 0.00	45.33 -0.26 0.00	51.16 0.13 0.00	61.55 0.96 0.00	156.87 6.14 0.00	115.56 4.59 0.00	54.23 1.74 0.00	61.12 2.14 0.00	65.56 2.42 0.00	52.31 1.75 0.00	60.40 2.06 0.00	77.50 3.02 0.00	88.30 4.05 0.00	107.83 5.39 0.00	94.22 5.25 0.00	91.22 5.03 0.00	91.63 4.90 0.00	85.53 4.27 0.00	87.20 4.46 0.00	101.45 4.77 0.00	91.06 3.78 0.00
MADISON___COUNTY_LFGE 323628	49.68 0.68 0.00	53.99 0.85 0.00	51.57 0.84 0.00	47.66 0.86 0.00	46.49 0.89 0.00	52.23 1.20 0.00	62.29 1.71 0.00	154.07 3.35 0.00	113.34 2.36 0.00	53.25 0.75 0.00	59.69 0.71 0.00	64.17 1.03 0.00	51.23 0.66 0.00	59.23 0.89 0.00	75.94 1.46 0.00	86.18 1.94 0.00	104.59 2.15 0.00	90.82 1.85 0.00	88.02 1.83 0.00	88.52 1.79 0.00	82.85 1.59 0.00	84.30 1.55 0.00	98.17 1.49 0.00	88.42 1.14 0.00
MALONE___115KV_TB1 356076	49.59 0.59 0.00	53.52 0.38 0.00	51.00 0.26 0.00	47.10 0.30 0.00	46.09 0.50 0.00	51.86 0.82 0.00	61.89 1.30 0.00	155.11 4.39 0.00	113.96 2.99 0.00	53.96 1.47 0.00	60.98 2.00 0.00	65.42 2.28 0.00	52.39 1.83 0.00	60.69 2.35 0.00	77.57 3.09 0.00	87.84 3.59 0.00	107.24 4.80 0.00	93.75 4.78 0.00	90.44 4.26 0.00	91.03 4.30 0.00	85.66 4.40 0.00	86.70 3.95 0.00	101.77 5.09 0.00	92.19 4.91 0.00
MAPLEWOD_115KV_TB3 80458	50.61 1.61 0.00	54.88 1.75 0.00	52.41 1.68 0.00	48.30 1.50 0.00	46.88 1.28 0.00	52.33 1.30 0.00	62.12 1.54 0.00	153.31 2.59 0.00	112.34 1.37 0.00	52.85 0.36 0.00	59.35 0.36 0.00	63.79 0.64 0.00	51.23 0.66 0.00	59.18 0.84 0.00	75.41 0.93 0.00	85.53 1.28 0.00	104.35 1.92 0.00	90.60 1.63 0.00	87.66 1.47 0.00	88.44 1.71 0.00	82.96 1.71 0.00	84.58 1.83 0.00	98.86 2.18 0.00	89.26 1.98 0.00
MAPLE_RIDGE_WT_1 323574	47.94 -1.06 0.00	51.90 -1.23 0.00	49.64 -1.09 0.00	46.06 -0.74 0.00	45.03 -0.56 0.00	50.65 -0.39 0.00	60.35 -0.24 0.00	150.49 -0.23 0.00	111.00 0.02 0.00	52.46 -0.03 0.00	59.04 0.06 0.00	63.34 0.19 0.00	50.72 0.15 0.00	58.58 0.23 0.00	74.80 0.32 0.00	84.49 0.24 0.00	102.80 0.37 0.00	89.32 0.36 0.00	86.53 0.34 0.00	86.96 0.22 0.00	81.41 0.15 0.00	83.02 0.28 0.00	97.09 0.41 0.00	87.60 0.33 0.00
MAPLE_RIDGE_WT_2 323611	47.94 -1.06 0.00	51.90 -1.23 0.00	49.64 -1.09 0.00	46.06 -0.74 0.00	45.03 -0.56 0.00	50.65 -0.39 0.00	60.35 -0.24 0.00	150.49 -0.23 0.00	111.00 0.02 0.00	52.46 -0.03 0.00	59.04 0.06 0.00	63.34 0.19 0.00	50.72 0.15 0.00	58.58 0.23 0.00	74.80 0.32 0.00	84.49 0.24 0.00	102.80 0.37 0.00	89.32 0.36 0.00	86.53 0.34 0.00	86.96 0.22 0.00	81.41 0.15 0.00	83.02 0.28 0.00	97.09 0.41 0.00	87.60 0.33 0.00
MARBLE_RIVER_WT_PWR 323696	48.95 -0.06 0.00	52.77 -0.36 0.00	50.19 -0.54 0.00	46.30 -0.51 0.00	45.27 -0.32 0.00	50.95 -0.08 0.00	60.63 0.05 0.00	151.80 1.07 0.00	111.46 0.49 0.00	52.77 0.27 0.00	59.64 0.66 0.00	64.05 0.91 0.00	51.43 0.87 0.00	59.61 1.27 0.00	76.38 1.90 0.00	86.49 2.24 0.00	105.15 2.71 0.00	91.53 2.56 0.00	88.66 2.47 0.00	89.27 2.53 0.00	83.75 2.49 0.00	85.08 2.33 0.00	99.62 2.94 0.00	90.06 2.78 0.00
MARSHVLE_115KV_TB1 80742	49.23 0.23 0.00	53.33 0.19 0.00	50.88 0.15 0.00	47.02 0.21 0.00	45.94 0.34 0.00	51.62 0.59 0.00	61.73 1.14 0.00	155.23 4.51 0.00	114.67 3.70 0.00	53.52 1.03 0.00	60.31 1.33 0.00	64.49 1.35 0.00	51.55 0.99 0.00	59.37 1.03 0.00	76.33 1.84 0.00	86.22 1.98 0.00	105.54 3.11 0.00	91.38 2.42 0.00	88.47 2.28 0.00	88.77 2.04 0.00	82.89 1.63 0.00	84.29 1.54 0.00	98.74 2.06 0.00	88.85 1.57 0.00
MARSH_HILL_WT_PWR 323713	45.05 -3.96 0.00	49.22 -3.92 0.00	47.09 -3.65 0.00	43.75 -3.06 0.00	42.85 -2.74 0.00	48.01 -3.02 0.00	57.80 -2.80 0.00	146.79 -3.93 0.00	119.66 8.69 0.00	55.72 3.23 0.00	61.74 2.76 0.00	66.23 3.09 0.00	53.93 3.37 0.00	62.61 4.27 0.00	81.04 6.56 0.00	91.39 7.14 0.00	110.59 8.15 0.00	97.27 8.31 0.00	94.14 7.96 0.00	94.26 7.53 0.00	86.55 5.29 0.00	87.05 4.30 0.00	99.13 2.45 0.00	88.19 0.91 0.00
MCINTYRE_115KV_TB2 80467	50.54 1.53 0.00	54.77 1.64 0.00	52.46 1.73 0.00	48.52 1.72 0.00	47.52 1.93 0.00	53.20 2.17 0.00	63.51 2.92 0.00	158.16 7.44 0.00	115.87 4.89 0.00	54.57 2.08 0.00	61.14 2.16 0.00	65.59 2.44 0.00	52.59 2.03 0.00	60.74 2.40 0.00	77.11 2.63 0.00	87.34 3.09 0.00	106.92 4.49 0.00	93.27 4.30 0.00	90.20 4.01 0.00	90.56 3.83 0.00	84.66 3.40 0.00	85.72 2.97 0.00	100.48 3.79 0.00	91.08 3.80 0.00
MECO_____69_KV_BK1 80468	50.82 1.82 0.00	55.05 1.92 0.00	52.51 1.78 0.00	48.47 1.66 0.00	47.32 1.73 0.00	53.17 2.14 0.00	63.63 3.04 0.00	159.10 8.38 0.00	116.86 5.88 0.00	54.03 1.54 0.00	60.56 1.58 0.00	64.53 1.39 0.00	51.52 0.96 0.00	59.47 1.13 0.00	76.88 2.40 0.00	88.32 4.08 0.00	108.50 6.07 0.00	94.18 5.22 0.00	91.21 5.03 0.00	91.61 4.88 0.00	85.59 4.34 0.00	86.99 4.24 0.00	101.53 4.85 0.00	91.26 3.98 0.00
MENANDS___115KV_TB5 355628	50.41 1.41 0.00	54.66 1.53 0.00	52.20 1.47 0.00	48.11 1.31 0.00	46.68 1.09 0.00	52.09 1.06 0.00	61.79 1.21 0.00	152.41 1.69 0.00	111.67 0.69 0.00	52.59 0.10 0.00	59.08 0.10 0.00	63.50 0.35 0.00	51.03 0.46 0.00	58.93 0.59 0.00	75.03 0.54 0.00	85.03 0.78 0.00	103.72 1.28 0.00	90.05 1.08 0.00	87.08 0.90 0.00	87.85 1.12 0.00	82.41 1.16 0.00	84.03 1.28 0.00	98.26 1.58 0.00	88.76 1.49 0.00
MG INDUSTRY___DRP 24185	50.34 1.34 0.00	54.62 1.49 0.00	52.16 1.43 0.00	48.09 1.29 0.00	46.67 1.07 0.00	52.11 1.08 0.00	61.83 1.24 0.00	152.60 1.88 0.00	111.65 0.67 0.00	52.51 0.02 0.00	58.96 -0.02 0.00	63.41 0.27 0.00	50.94 0.38 0.00	58.80 0.46 0.00	74.98 0.50 0.00	84.97 0.73 0.00	103.65 1.21 0.00	89.97 1.01 0.00	87.08 0.90 0.00	87.82 1.09 0.00	82.34 1.08 0.00	84.01 1.26 0.00	98.30 1.62 0.00	88.82 1.54 0.00

MID___OSWEGATCHIE_HYD 23849	48.00 -1.00 0.00	51.95 -1.18 0.00	49.71 -1.02 0.00	46.23 -0.57 0.00	45.01 -0.58 0.00	50.61 -0.42 0.00	60.76 0.18 0.00	152.94 2.22 0.00	112.54 1.56 0.00	53.13 0.64 0.00	60.01 1.04 0.00	64.37 1.22 0.00	51.38 0.82 0.00	59.39 1.05 0.00	75.62 1.14 0.00	85.63 1.38 0.00	104.33 1.89 0.00	91.12 2.16 0.00	88.14 1.95 0.00	88.50 1.77 0.00	82.68 1.43 0.00	84.35 1.61 0.00	98.63 1.95 0.00	89.04 1.76 0.00
MID___RAQUETTE_HYD 23851	49.28 0.27 0.00	53.46 0.33 0.00	51.15 0.42 0.00	47.35 0.55 0.00	46.28 0.69 0.00	51.81 0.78 0.00	61.80 1.22 0.00	153.82 3.10 0.00	112.94 1.97 0.00	53.55 1.05 0.00	60.33 1.35 0.00	64.71 1.57 0.00	51.79 1.22 0.00	59.89 1.55 0.00	75.95 1.46 0.00	85.64 1.39 0.00	104.08 1.65 0.00	90.72 1.76 0.00	87.70 1.52 0.00	88.10 1.37 0.00	82.40 1.14 0.00	83.54 0.79 0.00	98.18 1.50 0.00	89.18 1.90 0.00
MILLIKEN___1 23584	48.96 -0.04 0.00	53.02 -0.11 0.00	50.65 -0.08 0.00	46.80 0.00 0.00	45.64 0.05 0.00	51.20 0.17 0.00	61.02 0.43 0.00	152.28 1.56 0.00	112.52 1.55 0.00	52.91 0.42 0.00	59.29 0.31 0.00	63.79 0.65 0.00	50.70 0.14 0.00	58.60 0.26 0.00	75.41 0.93 0.00	85.86 1.61 0.00	103.93 1.49 0.00	90.89 1.92 0.00	88.18 1.99 0.00	88.68 1.95 0.00	82.88 1.63 0.00	84.22 1.47 0.00	97.85 1.17 0.00	87.90 0.62 0.00
MILLIKEN___2 23585	48.96 -0.04 0.00	53.02 -0.11 0.00	50.65 -0.08 0.00	46.80 0.00 0.00	45.64 0.05 0.00	51.20 0.17 0.00	61.02 0.43 0.00	152.28 1.56 0.00	112.52 1.55 0.00	52.91 0.42 0.00	59.29 0.31 0.00	63.79 0.65 0.00	50.70 0.14 0.00	58.60 0.26 0.00	75.41 0.93 0.00	85.86 1.61 0.00	103.93 1.49 0.00	90.89 1.92 0.00	88.18 1.99 0.00	88.68 1.95 0.00	82.88 1.63 0.00	84.22 1.47 0.00	97.85 1.17 0.00	87.90 0.62 0.00
MILLIKEN___DIESEL 23629	48.96 -0.04 0.00	53.02 -0.11 0.00	50.65 -0.08 0.00	46.80 0.00 0.00	45.64 0.05 0.00	51.20 0.17 0.00	61.02 0.43 0.00	152.28 1.56 0.00	112.52 1.55 0.00	52.91 0.42 0.00	59.29 0.31 0.00	63.79 0.65 0.00	50.70 0.14 0.00	58.60 0.26 0.00	75.41 0.93 0.00	85.86 1.61 0.00	103.93 1.49 0.00	90.89 1.92 0.00	88.18 1.99 0.00	88.68 1.95 0.00	82.88 1.63 0.00	84.22 1.47 0.00	97.85 1.17 0.00	87.90 0.62 0.00
MILLSEAT___LFGE 323607	47.96 -1.05 0.00	52.12 -1.01 0.00	49.92 -0.81 0.00	46.41 -0.39 0.00	45.46 -0.13 0.00	50.45 -0.58 0.00	59.35 -1.24 0.00	148.90 -1.82 0.00	110.75 -0.22 0.00	53.41 0.92 0.00	59.77 0.80 0.00	64.45 1.30 0.00	51.51 0.94 0.00	59.75 1.41 0.00	76.19 1.70 0.00	85.11 0.86 0.00	102.33 -0.11 0.00	88.95 -0.02 0.00	86.18 0.00 0.00	86.21 -0.52 0.00	81.14 -0.12 0.00	82.68 -0.06 0.00	95.34 -1.34 0.00	85.88 -1.40 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.57 1.56 0.00	54.70 1.57 0.00	52.19 1.46 0.00	48.06 1.26 0.00	46.72 1.12 0.00	52.29 1.26 0.00	62.28 1.70 0.00	153.89 3.17 0.00	112.12 1.15 0.00	52.92 0.43 0.00	59.50 0.52 0.00	64.24 1.10 0.00	51.71 1.14 0.00	59.51 1.17 0.00	75.78 1.30 0.00	85.72 1.47 0.00	104.86 2.43 0.00	91.03 2.06 0.00	87.99 1.81 0.00	88.66 1.93 0.00	82.88 1.63 0.00	84.41 1.66 0.00	98.72 2.03 0.00	88.93 1.65 0.00
MILLWOOD_13_KV_LOAD 356217	50.66 1.66 0.00	54.81 1.67 0.00	52.29 1.56 0.00	48.16 1.35 0.00	46.80 1.21 0.00	52.41 1.37 0.00	62.42 1.83 0.00	154.25 3.52 0.00	112.40 1.43 0.00	53.03 0.54 0.00	59.64 0.66 0.00	64.37 1.23 0.00	51.81 1.25 0.00	59.63 1.28 0.00	75.96 1.48 0.00	85.96 1.72 0.00	105.16 2.73 0.00	91.30 2.33 0.00	88.26 2.08 0.00	88.91 2.18 0.00	83.13 1.87 0.00	84.63 1.88 0.00	98.95 2.27 0.00	89.12 1.84 0.00
MODEL_CITY_ENERGY 24167	46.54 -2.47 0.00	50.61 -2.52 0.00	48.49 -2.24 0.00	45.14 -1.66 0.00	44.22 -1.38 0.00	48.86 -2.17 0.00	57.15 -3.44 0.00	143.02 -7.70 0.00	106.63 -4.35 0.00	51.54 -0.95 0.00	57.82 -1.16 0.00	62.48 -0.67 0.00	50.06 -0.51 0.00	58.03 -0.32 0.00	73.81 -0.67 0.00	82.24 -2.01 0.00	98.45 -3.98 0.00	85.38 -3.58 0.00	82.71 -3.48 0.00	82.73 -4.00 0.00	78.06 -3.19 0.00	79.79 -2.96 0.00	92.10 -4.58 0.00	83.15 -4.13 0.00
MODERN_LFGE___ 323580	46.54 -2.47 0.00	50.61 -2.52 0.00	48.49 -2.24 0.00	45.14 -1.66 0.00	44.22 -1.38 0.00	48.86 -2.17 0.00	57.15 -3.44 0.00	143.02 -7.70 0.00	106.63 -4.35 0.00	51.54 -0.95 0.00	57.82 -1.16 0.00	62.48 -0.67 0.00	50.06 -0.51 0.00	58.03 -0.32 0.00	73.81 -0.67 0.00	82.24 -2.01 0.00	98.45 -3.98 0.00	85.38 -3.58 0.00	82.71 -3.48 0.00	82.73 -4.00 0.00	78.06 -3.19 0.00	79.79 -2.96 0.00	92.10 -4.58 0.00	83.15 -4.13 0.00
MOHAWK_PAPER___DRP 24187	50.61 1.61 0.00	54.88 1.75 0.00	52.41 1.68 0.00	48.30 1.50 0.00	46.88 1.28 0.00	52.33 1.30 0.00	62.12 1.54 0.00	153.31 2.59 0.00	112.34 1.37 0.00	52.85 0.36 0.00	59.35 0.36 0.00	63.79 0.64 0.00	51.23 0.66 0.00	59.18 0.84 0.00	75.41 0.93 0.00	85.53 1.28 0.00	104.35 1.92 0.00	90.60 1.63 0.00	87.66 1.47 0.00	88.44 1.71 0.00	82.96 1.71 0.00	84.58 1.83 0.00	98.86 2.18 0.00	89.26 1.98 0.00
MOHICAN___35_KV_115KV_LD 80490	52.68 3.67 0.00	57.10 3.97 0.00	54.44 3.71 0.00	49.99 3.19 0.00	48.45 2.85 0.00	54.31 3.28 0.00	64.38 3.79 0.00	158.05 7.32 0.00	115.42 4.45 0.00	53.94 1.45 0.00	60.50 1.52 0.00	64.87 1.72 0.00	52.08 1.52 0.00	60.43 2.09 0.00	77.46 2.97 0.00	88.18 3.93 0.00	108.08 5.65 0.00	93.54 4.58 0.00	90.95 4.77 0.00	91.90 5.17 0.00	86.37 5.12 0.00	87.78 5.03 0.00	102.41 5.73 0.00	92.30 5.03 0.00
MONGAUP___HYD 23641	50.77 1.76 0.00	54.98 1.84 0.00	52.46 1.73 0.00	48.33 1.53 0.00	47.00 1.40 0.00	52.64 1.61 0.00	62.80 2.22 0.00	155.53 4.80 0.00	113.17 2.20 0.00	53.05 0.55 0.00	59.04 0.06 0.00	63.48 0.33 0.00	51.06 0.49 0.00	58.81 0.47 0.00	75.54 1.05 0.00	86.11 1.86 0.00	105.90 3.46 0.00	92.21 3.25 0.00	89.29 3.10 0.00	89.98 3.25 0.00	84.13 2.88 0.00	85.61 2.86 0.00	99.89 3.21 0.00	89.91 2.63 0.00
MONTAUK___DIESEL 23721	49.90 0.89 0.00	53.88 0.75 0.00	51.17 0.44 0.00	47.18 0.38 0.00	45.97 0.37 0.00	51.83 0.79 0.00	60.02 -0.57 0.00	147.39 -2.15 1.18	104.90 -5.32 0.76	50.76 -1.74 0.00	59.58 0.60 0.00	63.98 0.84 0.00	51.90 1.34 0.00	60.75 2.41 0.00	78.70 4.21 0.00	90.75 6.08 -0.43	117.80 8.53 -6.84	100.15 6.35 -4.84	113.30 7.38 -19.73	125.81 7.93 -31.14	114.34 7.56 -25.53	110.55 6.87 -20.92	109.36 8.11 -4.57	95.90 6.95 -1.67
MOONROAD_115KV_HARTFLD_TB1-2 355988	45.67 -3.34 0.00	49.88 -3.26 0.00	47.88 -2.85 0.00	45.14 -1.66 0.00	44.39 -1.21 0.00	49.59 -1.44 0.00	59.14 -1.45 0.00	149.86 -0.86 0.00	111.22 0.24 0.00	53.25 0.75 0.00	59.78 0.80 0.00	64.66 1.52 0.00	51.88 1.32 0.00	59.99 1.65 0.00	76.78 2.29 0.00	86.42 2.18 0.00	103.38 0.95 0.00	89.75 0.78 0.00	87.35 1.16 0.00	87.69 0.96 0.00	81.95 0.70 0.00	83.39 0.64 0.00	96.03 -0.65 0.00	87.32 0.04 0.00

MORRIS RIDGE___SOLAR 323848	45.83 -3.17 0.00	49.92 -3.21 0.00	47.81 -2.92 0.00	44.40 -2.41 0.00	43.43 -2.16 0.00	48.63 -2.40 0.00	57.90 -2.69 0.00	145.81 -4.91 0.00	107.46 -3.52 0.00	51.12 -1.37 0.00	57.33 -1.65 0.00	62.04 -1.10 0.00	49.95 -0.62 0.00	57.98 -0.36 0.00	74.35 -0.14 0.00	83.71 -0.53 0.00	100.36 -2.07 0.00	87.32 -1.65 0.00	84.67 -1.52 0.00	84.92 -1.82 0.00	79.46 -1.79 0.00	81.08 -1.67 0.00	93.67 -3.01 0.00	84.26 -3.02 0.00
MORTIMER_115KV_TB3 55949	48.02 -0.98 0.00	52.14 -1.00 0.00	49.85 -0.88 0.00	46.27 -0.53 0.00	45.28 -0.31 0.00	50.52 -0.51 0.00	59.74 -0.85 0.00	149.62 -1.11 0.00	111.03 0.06 0.00	53.03 0.53 0.00	59.41 0.43 0.00	64.11 0.97 0.00	51.26 0.70 0.00	59.34 0.99 0.00	75.70 1.22 0.00	85.02 0.77 0.00	102.63 0.19 0.00	89.22 0.25 0.00	86.34 0.15 0.00	86.52 -0.21 0.00	81.14 -0.11 0.00	82.62 -0.13 0.00	95.49 -1.19 0.00	86.02 -1.25 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.84 1.84 0.00	54.99 1.86 0.00	52.47 1.73 0.00	48.30 1.50 0.00	46.95 1.36 0.00	52.57 1.54 0.00	62.64 2.05 0.00	154.81 4.09 0.00	112.78 1.80 0.00	53.27 0.78 0.00	59.96 0.98 0.00	64.78 1.64 0.00	52.17 1.61 0.00	60.03 1.69 0.00	76.38 1.90 0.00	86.31 2.07 0.00	105.60 3.17 0.00	91.59 2.63 0.00	88.48 2.30 0.00	89.12 2.39 0.00	83.24 1.99 0.00	84.76 2.01 0.00	99.10 2.42 0.00	89.26 1.98 0.00
MUNSVILLE_WIND_PWR 323609	49.70 0.69 0.00	53.52 0.38 0.00	50.62 -0.11 0.00	46.68 -0.13 0.00	45.59 -0.01 0.00	51.53 0.50 0.00	62.18 1.59 0.00	156.35 5.63 0.00	115.26 4.28 0.00	54.35 1.85 0.00	60.86 1.88 0.00	65.47 2.33 0.00	52.15 1.59 0.00	61.04 2.69 0.00	79.54 5.05 0.00	91.47 7.22 0.00	112.06 9.62 0.00	98.44 9.47 0.00	95.51 9.33 0.00	96.06 9.32 0.00	89.70 8.45 0.00	91.04 8.29 0.00	104.95 8.26 0.00	92.94 5.66 0.00
N SALMON___HYD 24042	49.59 0.59 0.00	53.52 0.39 0.00	51.00 0.26 0.00	47.11 0.30 0.00	46.10 0.50 0.00	51.86 0.82 0.00	61.88 1.30 0.00	155.08 4.36 0.00	113.96 2.99 0.00	53.96 1.47 0.00	60.98 2.00 0.00	65.42 2.28 0.00	52.39 1.83 0.00	60.69 2.35 0.00	77.57 3.09 0.00	87.84 3.59 0.00	107.24 4.81 0.00	93.75 4.78 0.00	90.44 4.26 0.00	91.03 4.30 0.00	85.65 4.40 0.00	86.70 3.95 0.00	101.76 5.08 0.00	92.19 4.91 0.00
N.AKRON__115KV_KNAPP 355671	47.67 -1.33 0.00	51.82 -1.32 0.00	49.65 -1.08 0.00	46.17 -0.63 0.00	45.24 -0.35 0.00	50.12 -0.91 0.00	58.84 -1.75 0.00	147.65 -3.07 0.00	109.83 -1.14 0.00	52.98 0.49 0.00	59.34 0.37 0.00	64.03 0.89 0.00	51.23 0.67 0.00	59.41 1.07 0.00	75.69 1.20 0.00	84.50 0.26 0.00	101.42 -1.01 0.00	88.13 -0.83 0.00	85.40 -0.78 0.00	85.41 -1.32 0.00	80.43 -0.83 0.00	82.03 -0.72 0.00	94.61 -2.07 0.00	85.30 -1.98 0.00
N.E_GEN_SANDY PD 24062	52.60 1.79 -1.81	55.07 1.91 -0.03	52.53 1.80 0.00	48.51 1.61 -0.10	46.98 1.39 0.00	52.47 1.44 0.00	63.70 1.75 -1.37	151.99 2.85 1.58	113.98 1.13 -1.88	49.27 0.16 3.38	59.20 0.22 0.00	63.53 0.57 0.19	51.25 0.69 0.00	59.20 0.86 0.00	75.36 0.88 0.00	85.39 1.14 0.00	104.24 1.81 0.00	90.52 1.55 0.00	87.69 1.50 0.00	89.39 1.72 -0.94	94.73 1.82 -11.65	107.16 1.90 -22.50	115.42 2.39 -16.35	96.06 2.16 -6.62
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.45 1.45 0.00	54.57 1.44 0.00	52.07 1.34 0.00	47.94 1.14 0.00	46.62 1.02 0.00	52.20 1.17 0.00	62.19 1.61 0.00	153.55 2.83 0.00	111.86 0.88 0.00	52.78 0.29 0.00	59.30 0.32 0.00	64.00 0.86 0.00	51.51 0.95 0.00	59.29 0.95 0.00	75.50 1.02 0.00	85.44 1.19 0.00	104.55 2.11 0.00	90.78 1.81 0.00	87.76 1.58 0.00	88.43 1.69 0.00	82.65 1.39 0.00	84.15 1.40 0.00	98.42 1.74 0.00	88.64 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	50.83 1.83 0.00	55.06 1.93 0.00	52.58 1.85 0.00	48.34 1.54 0.00	47.03 1.44 0.00	52.67 1.64 0.00	62.64 2.05 0.00	154.98 4.26 0.00	112.87 1.90 0.00	53.34 0.85 0.00	60.16 1.18 0.00	64.93 1.79 0.00	52.47 1.91 0.00	60.19 1.84 0.00	76.41 1.92 0.00	86.43 2.19 0.00	105.61 3.17 0.00	91.72 2.75 0.00	88.43 2.24 0.00	89.03 2.30 0.00	83.10 1.84 0.00	84.73 1.98 0.00	99.20 2.52 0.00	89.24 1.96 0.00
N.TROY___115KV_TB1 355778	50.92 1.91 0.00	55.22 2.09 0.00	52.70 1.97 0.00	48.53 1.73 0.00	47.10 1.51 0.00	52.63 1.60 0.00	62.47 1.88 0.00	153.90 3.18 0.00	112.70 1.72 0.00	52.97 0.47 0.00	59.51 0.53 0.00	63.94 0.79 0.00	51.34 0.77 0.00	59.38 1.04 0.00	75.68 1.20 0.00	85.81 1.56 0.00	104.68 2.24 0.00	90.84 1.87 0.00	88.06 1.88 0.00	88.87 2.14 0.00	83.49 2.23 0.00	85.06 2.31 0.00	99.49 2.81 0.00	89.85 2.57 0.00
NARROWS_GT1_1 24228	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT1_2 24229	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT1_3 24230	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT1_4 24231	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT1_5 24232	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00

NARROWS_GT1_6 24233	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT1_7 24234	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT1_8 24235	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT2_1 24236	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT2_2 24237	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT2_3 24238	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT2_4 24239	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT2_5 24240	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT2_6 24241	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT2_7 24242	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NARROWS_GT2_8 24243	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.35 2.10 0.00	105.73 3.30 0.00	91.77 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.35 2.10 0.00	84.90 2.15 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.42 2.42 0.00	55.76 2.62 0.00	53.26 2.53 0.00	49.11 2.31 0.00	47.66 2.06 0.00	53.25 2.23 0.00	63.35 2.76 0.00	156.66 5.94 0.00	114.58 3.61 0.00	53.55 1.06 0.00	59.70 0.72 0.00	63.91 0.77 0.00	51.32 0.75 0.00	59.41 1.07 0.00	76.01 1.53 0.00	86.93 2.68 0.00	106.58 4.14 0.00	92.78 3.81 0.00	89.85 3.66 0.00	90.54 3.81 0.00	84.81 3.56 0.00	86.56 3.81 0.00	101.16 4.47 0.00	91.24 3.96 0.00
NCHELSEA_115KV_TR2 355582	50.99 1.98 0.00	55.19 2.05 0.00	52.66 1.93 0.00	48.50 1.70 0.00	47.14 1.54 0.00	52.78 1.75 0.00	62.92 2.34 0.00	155.59 4.87 0.00	113.43 2.45 0.00	53.41 0.92 0.00	60.01 1.03 0.00	64.69 1.54 0.00	52.04 1.48 0.00	60.00 1.66 0.00	76.53 2.04 0.00	86.70 2.45 0.00	106.08 3.65 0.00	92.16 3.20 0.00	89.19 3.01 0.00	89.90 3.17 0.00	84.09 2.84 0.00	85.57 2.83 0.00	99.98 3.30 0.00	90.06 2.79 0.00
NEG CAPITAL____MECHNVIL 23645	51.76 2.75 0.00	56.13 3.00 0.00	53.55 2.82 0.00	49.28 2.48 0.00	47.86 2.26 0.00	53.57 2.54 0.00	63.59 3.00 0.00	156.86 6.14 0.00	114.74 3.77 0.00	53.76 1.27 0.00	60.34 1.37 0.00	64.78 1.63 0.00	51.99 1.42 0.00	60.23 1.89 0.00	77.05 2.57 0.00	87.54 3.29 0.00	106.94 4.50 0.00	92.77 3.81 0.00	90.00 3.81 0.00	90.76 4.03 0.00	85.18 3.93 0.00	86.71 3.97 0.00	101.24 4.56 0.00	91.31 4.03 0.00
NEG CENTRAL_HIGH_ACRES 23767	47.19 -1.82 0.00	51.21 -1.92 0.00	48.97 -1.76 0.00	45.37 -1.43 0.00	44.38 -1.22 0.00	49.65 -1.38 0.00	58.79 -1.80 0.00	147.15 -3.57 0.00	109.02 -1.96 0.00	51.90 -0.59 0.00	58.12 -0.86 0.00	62.74 -0.40 0.00	50.15 -0.41 0.00	58.03 -0.32 0.00	74.09 -0.40 0.00	83.35 -0.90 0.00	100.77 -1.66 0.00	87.61 -1.36 0.00	84.79 -1.39 0.00	85.03 -1.71 0.00	79.71 -1.54 0.00	81.09 -1.66 0.00	93.80 -2.88 0.00	84.49 -2.78 0.00

NEG CENTRAL___DRP 24199	48.32 -0.68 0.00	52.38 -0.75 0.00	50.07 -0.66 0.00	46.32 -0.49 0.00	45.24 -0.35 0.00	50.69 -0.35 0.00	60.22 -0.37 0.00	150.48 -0.24 0.00	111.28 0.31 0.00	52.50 0.01 0.00	58.75 -0.23 0.00	63.53 0.39 0.00	50.64 0.08 0.00	58.54 0.20 0.00	74.90 0.42 0.00	84.73 0.48 0.00	102.64 0.21 0.00	89.45 0.48 0.00	86.60 0.42 0.00	86.97 0.24 0.00	81.41 0.15 0.00	82.75 0.01 0.00	96.03 -0.65 0.00	86.44 -0.84 0.00
NEG CENTRAL___INDECK 23768	48.59 -0.41 0.00	52.90 -0.23 0.00	50.59 -0.14 0.00	46.97 0.16 0.00	46.00 0.41 0.00	51.57 0.53 0.00	61.55 0.96 0.00	155.40 4.68 0.00	120.73 9.76 0.00	56.67 4.17 0.00	62.57 3.59 0.00	66.88 3.74 0.00	53.88 3.31 0.00	62.34 3.99 0.00	79.62 5.14 0.00	88.46 4.21 0.00	107.48 5.05 0.00	94.49 5.52 0.00	91.53 5.35 0.00	91.67 4.94 0.00	84.98 3.72 0.00	85.75 3.01 0.00	98.04 1.35 0.00	87.68 0.40 0.00
NEG CENTRAL___SENECA 23627	48.33 -0.68 0.00	52.42 -0.72 0.00	50.10 -0.63 0.00	46.39 -0.42 0.00	45.34 -0.25 0.00	50.79 -0.24 0.00	60.32 -0.27 0.00	150.89 0.17 0.00	111.62 0.64 0.00	52.82 0.33 0.00	59.06 0.08 0.00	63.80 0.66 0.00	50.92 0.36 0.00	58.90 0.56 0.00	75.34 0.86 0.00	85.07 0.82 0.00	103.07 0.63 0.00	89.74 0.77 0.00	86.90 0.72 0.00	87.20 0.47 0.00	81.68 0.43 0.00	83.03 0.28 0.00	96.19 -0.50 0.00	86.57 -0.71 0.00
NEG CENTRAL___STATE_STREET 24147	48.59 -0.41 0.00	52.52 -0.62 0.00	50.26 -0.47 0.00	46.50 -0.30 0.00	45.39 -0.21 0.00	50.88 -0.16 0.00	60.51 -0.08 0.00	150.56 -0.16 0.00	111.59 0.61 0.00	52.31 -0.18 0.00	58.72 -0.26 0.00	63.43 0.29 0.00	50.56 0.00 0.00	58.28 -0.06 0.00	74.55 0.07 0.00	84.81 0.56 0.00	102.84 0.41 0.00	89.58 0.62 0.00	86.76 0.57 0.00	87.25 0.52 0.00	81.64 0.38 0.00	82.88 0.13 0.00	96.43 -0.25 0.00	86.75 -0.53 0.00
NEG MILLWOOD___DRP 24198	51.13 2.12 0.00	55.32 2.19 0.00	52.77 2.03 0.00	48.62 1.82 0.00	47.27 1.67 0.00	52.93 1.90 0.00	63.14 2.55 0.00	156.18 5.46 0.00	113.81 2.84 0.00	53.63 1.14 0.00	60.27 1.29 0.00	64.99 1.85 0.00	52.28 1.72 0.00	60.25 1.91 0.00	76.79 2.31 0.00	86.98 2.73 0.00	106.49 4.05 0.00	92.54 3.57 0.00	89.55 3.36 0.00	90.23 3.50 0.00	84.36 3.11 0.00	85.83 3.08 0.00	100.27 3.58 0.00	90.28 3.00 0.00
NEG NORTH_FLCN_SEA 23793	49.60 0.59 0.00	53.45 0.32 0.00	50.82 0.08 0.00	46.82 0.01 0.00	45.76 0.16 0.00	51.62 0.59 0.00	61.41 0.82 0.00	153.86 3.14 0.00	112.99 2.01 0.00	53.43 0.94 0.00	60.39 1.41 0.00	64.82 1.67 0.00	52.06 1.50 0.00	60.39 2.05 0.00	77.56 3.07 0.00	87.87 3.63 0.00	106.89 4.46 0.00	93.14 4.18 0.00	90.12 3.94 0.00	90.93 4.20 0.00	85.38 4.12 0.00	86.64 3.89 0.00	101.39 4.71 0.00	91.61 4.33 0.00
NEG NORTH_KES_CHATEGAY 23792	49.05 0.05 0.00	52.85 -0.29 0.00	50.26 -0.47 0.00	46.38 -0.42 0.00	45.37 -0.23 0.00	51.08 0.04 0.00	60.80 0.21 0.00	152.38 1.66 0.00	111.84 0.87 0.00	52.89 0.39 0.00	59.79 0.81 0.00	64.12 0.98 0.00	51.49 0.93 0.00	59.69 1.35 0.00	76.54 2.05 0.00	86.73 2.49 0.00	105.63 3.20 0.00	92.06 3.09 0.00	89.10 2.92 0.00	89.69 2.96 0.00	84.21 2.95 0.00	85.48 2.74 0.00	100.11 3.43 0.00	90.60 3.32 0.00
NEG NORTH___ALICE_FALLS 23915	49.77 0.77 0.00	53.64 0.50 0.00	50.99 0.26 0.00	47.00 0.19 0.00	45.94 0.35 0.00	51.85 0.82 0.00	61.73 1.15 0.00	154.77 4.05 0.00	113.75 2.78 0.00	53.69 1.20 0.00	60.61 1.63 0.00	64.99 1.85 0.00	52.17 1.60 0.00	60.50 2.16 0.00	77.70 3.22 0.00	88.14 3.89 0.00	107.55 5.11 0.00	93.89 4.92 0.00	90.75 4.57 0.00	91.51 4.77 0.00	86.00 4.75 0.00	87.15 4.40 0.00	102.08 5.40 0.00	92.24 4.96 0.00
NEG NORTH___LWR_SARANAC 23913	49.77 0.77 0.00	53.64 0.50 0.00	50.99 0.26 0.00	47.00 0.19 0.00	45.94 0.35 0.00	51.85 0.82 0.00	61.73 1.15 0.00	154.77 4.05 0.00	113.75 2.78 0.00	53.69 1.20 0.00	60.61 1.63 0.00	64.99 1.85 0.00	52.17 1.60 0.00	60.50 2.16 0.00	77.70 3.22 0.00	88.14 3.89 0.00	107.55 5.11 0.00	93.89 4.92 0.00	90.75 4.57 0.00	91.51 4.77 0.00	86.00 4.75 0.00	87.15 4.40 0.00	102.08 5.40 0.00	92.24 4.96 0.00
NEG NORTH___PLATTSBURG 23628	49.77 0.77 0.00	53.64 0.50 0.00	50.99 0.26 0.00	47.00 0.20 0.00	45.94 0.35 0.00	51.85 0.82 0.00	61.73 1.15 0.00	154.74 4.01 0.00	113.75 2.78 0.00	53.69 1.20 0.00	60.61 1.63 0.00	65.00 1.85 0.00	52.17 1.60 0.00	60.50 2.16 0.00	77.70 3.22 0.00	88.14 3.89 0.00	107.55 5.11 0.00	93.89 4.92 0.00	90.75 4.56 0.00	91.50 4.77 0.00	86.01 4.75 0.00	87.16 4.41 0.00	102.08 5.40 0.00	92.23 4.95 0.00
NEG WEST_LEA_LOCKPORT 23791	46.93 -2.07 0.00	51.05 -2.09 0.00	48.89 -1.84 0.00	45.47 -1.33 0.00	44.51 -1.09 0.00	49.17 -1.86 0.00	57.50 -3.09 0.00	144.06 -6.66 0.00	107.22 -3.75 0.00	51.81 -0.68 0.00	58.13 -0.85 0.00	62.80 -0.34 0.00	50.31 -0.25 0.00	58.32 -0.02 0.00	74.23 -0.25 0.00	82.79 -1.46 0.00	99.10 -3.34 0.00	85.94 -3.02 0.00	83.29 -2.90 0.00	83.32 -3.41 0.00	78.58 -2.67 0.00	80.25 -2.50 0.00	92.62 -4.06 0.00	83.64 -3.64 0.00
NEG WEST___LANCASTR 23811	47.38 -1.62 0.00	51.56 -1.58 0.00	49.32 -1.41 0.00	45.91 -0.90 0.00	44.97 -0.63 0.00	50.04 -0.99 0.00	58.82 -1.77 0.00	147.66 -3.05 0.00	109.40 -1.57 0.00	52.59 0.10 0.00	59.27 0.29 0.00	63.87 0.73 0.00	51.12 0.56 0.00	59.14 0.80 0.00	75.58 1.09 0.00	84.77 0.53 0.00	101.52 -0.92 0.00	88.13 -0.84 0.00	85.49 -0.69 0.00	85.68 -1.05 0.00	80.44 -0.82 0.00	82.21 -0.54 0.00	94.96 -1.73 0.00	85.48 -1.80 0.00
NEG_PENN_ALLEGHNY 23528	48.30 -0.71 0.00	52.45 -0.68 0.00	50.07 -0.66 0.00	46.23 -0.57 0.00	45.02 -0.57 0.00	50.41 -0.62 0.00	59.88 -0.71 0.00	149.91 -0.81 0.00	110.14 -0.84 0.00	52.04 -0.45 0.00	58.47 -0.51 0.00	63.04 -0.11 0.00	50.08 -0.48 0.00	57.91 -0.43 0.00	74.44 -0.04 0.00	84.25 0.00 0.00	101.15 -1.28 0.00	88.65 -0.32 0.00	86.00 -0.18 0.00	86.54 -0.20 0.00	80.84 -0.41 0.00	82.49 -0.26 0.00	95.87 -0.81 0.00	86.25 -1.03 0.00
NEG___GEN_MONROE 24207	48.37 -0.64 0.00	52.49 -0.65 0.00	50.19 -0.54 0.00	46.68 -0.12 0.00	45.65 0.05 0.00	50.89 -0.15 0.00	60.16 -0.43 0.00	150.72 0.00 0.00	111.87 0.90 0.00	53.54 1.05 0.00	59.94 0.96 0.00	64.63 1.49 0.00	51.67 1.11 0.00	59.85 1.51 0.00	76.36 1.88 0.00	85.67 1.42 0.00	103.48 1.05 0.00	90.02 1.05 0.00	87.09 0.90 0.00	87.24 0.50 0.00	81.84 0.58 0.00	83.31 0.56 0.00	96.19 -0.49 0.00	86.64 -0.64 0.00
NEPA___ENERGY 23901	46.45 -2.55 0.00	50.58 -2.55 0.00	48.41 -2.32 0.00	45.10 -1.70 0.00	44.12 -1.47 0.00	49.25 -1.78 0.00	58.03 -2.55 0.00	145.76 -4.96 0.00	107.73 -3.25 0.00	51.40 -1.09 0.00	57.93 -1.05 0.00	62.60 -0.54 0.00	50.27 -0.30 0.00	58.00 -0.34 0.00	74.36 -0.12 0.00	83.79 -0.46 0.00	100.01 -2.43 0.00	86.77 -2.20 0.00	84.50 -1.69 0.00	84.90 -1.83 0.00	79.35 -1.90 0.00	81.21 -1.53 0.00	93.66 -3.03 0.00	83.08 -4.20 0.00

NEVERSINK___HYD 23608	50.29 1.28 0.00	54.57 1.43 0.00	52.09 1.36 0.00	47.98 1.17 0.00	46.68 1.08 0.00	52.27 1.24 0.00	62.37 1.78 0.00	154.36 3.64 0.00	112.17 1.19 0.00	52.65 0.16 0.00	58.85 -0.13 0.00	63.30 0.16 0.00	50.91 0.35 0.00	58.70 0.36 0.00	75.16 0.68 0.00	85.34 1.09 0.00	104.70 2.26 0.00	91.01 2.04 0.00	88.06 1.87 0.00	88.76 2.03 0.00	82.98 1.72 0.00	84.42 1.67 0.00	98.51 1.82 0.00	88.65 1.37 0.00
NEWKRMKL_115KV_TB1 55635	50.28 1.27 0.00	54.50 1.37 0.00	52.06 1.32 0.00	47.99 1.19 0.00	46.57 0.98 0.00	51.95 0.91 0.00	61.62 1.03 0.00	151.86 1.14 0.00	111.32 0.35 0.00	52.47 -0.03 0.00	58.93 -0.05 0.00	63.33 0.18 0.00	50.92 0.36 0.00	58.78 0.44 0.00	74.86 0.38 0.00	84.79 0.55 0.00	103.41 0.98 0.00	89.81 0.84 0.00	86.81 0.62 0.00	87.58 0.85 0.00	82.12 0.87 0.00	83.76 1.01 0.00	97.95 1.27 0.00	88.45 1.17 0.00
NEWTON___FALLS_HYD 23847	48.00 -1.00 0.00	51.95 -1.18 0.00	49.71 -1.02 0.00	46.23 -0.57 0.00	45.01 -0.58 0.00	50.61 -0.42 0.00	60.76 0.18 0.00	152.94 2.22 0.00	112.54 1.56 0.00	53.13 0.64 0.00	60.01 1.04 0.00	64.37 1.22 0.00	51.38 0.82 0.00	59.39 1.05 0.00	75.62 1.14 0.00	85.63 1.38 0.00	104.33 1.89 0.00	91.12 2.16 0.00	88.14 1.95 0.00	88.50 1.77 0.00	82.68 1.43 0.00	84.35 1.61 0.00	98.63 1.95 0.00	89.04 1.76 0.00
NGRID_A1_DSASP 323792	46.62 -2.38 0.00	50.72 -2.41 0.00	48.57 -2.16 0.00	45.24 -1.56 0.00	44.35 -1.24 0.00	48.90 -2.14 0.00	57.11 -3.48 0.00	142.14 -8.58 0.00	105.77 -5.21 0.00	51.27 -1.23 0.00	57.73 -1.25 0.00	62.38 -0.77 0.00	49.99 -0.58 0.00	57.93 -0.41 0.00	73.70 -0.78 0.00	82.19 -2.05 0.00	97.69 -4.74 0.00	84.63 -4.33 0.00	81.97 -4.21 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.09 -3.66 0.00	91.30 -5.38 0.00	82.98 -4.30 0.00
NGRID_A2_DSASP 323793	46.62 -2.38 0.00	50.72 -2.41 0.00	48.57 -2.16 0.00	45.24 -1.56 0.00	44.35 -1.24 0.00	48.90 -2.14 0.00	57.11 -3.48 0.00	142.14 -8.58 0.00	105.77 -5.21 0.00	51.27 -1.23 0.00	57.73 -1.25 0.00	62.38 -0.77 0.00	49.99 -0.58 0.00	57.93 -0.41 0.00	73.70 -0.78 0.00	82.19 -2.05 0.00	97.69 -4.74 0.00	84.63 -4.33 0.00	81.97 -4.21 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.09 -3.66 0.00	91.30 -5.38 0.00	82.98 -4.30 0.00
NGRID_A4_DSASP 323807	46.62 -2.38 0.00	50.72 -2.41 0.00	48.57 -2.16 0.00	45.24 -1.56 0.00	44.35 -1.24 0.00	48.90 -2.14 0.00	57.11 -3.48 0.00	142.14 -8.58 0.00	105.77 -5.21 0.00	51.27 -1.23 0.00	57.73 -1.25 0.00	62.38 -0.77 0.00	49.99 -0.58 0.00	57.93 -0.41 0.00	73.70 -0.78 0.00	82.19 -2.05 0.00	97.69 -4.74 0.00	84.63 -4.33 0.00	81.97 -4.21 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.09 -3.66 0.00	91.30 -5.38 0.00	82.98 -4.30 0.00
NIAGARA_115E_LBMP 323715	46.29 -2.72 0.00	50.35 -2.79 0.00	48.24 -2.50 0.00	44.92 -1.88 0.00	44.03 -1.56 0.00	48.62 -2.41 0.00	56.85 -3.74 0.00	142.22 -8.50 0.00	106.06 -4.91 0.00	51.31 -1.18 0.00	57.55 -1.43 0.00	62.20 -0.94 0.00	49.85 -0.72 0.00	57.79 -0.55 0.00	73.46 -1.02 0.00	81.84 -2.41 0.00	97.96 -4.48 0.00	84.91 -4.06 0.00	82.25 -3.94 0.00	82.28 -4.45 0.00	77.66 -3.60 0.00	79.37 -3.38 0.00	91.66 -5.02 0.00	82.76 -4.52 0.00
NIAGARA_115W_LBMP 323714	46.57 -2.44 0.00	50.65 -2.48 0.00	48.51 -2.23 0.00	45.18 -1.62 0.00	44.25 -1.34 0.00	48.82 -2.22 0.00	57.00 -3.59 0.00	141.72 -9.00 0.00	105.51 -5.46 0.00	51.16 -1.34 0.00	57.62 -1.35 0.00	62.26 -0.89 0.00	49.89 -0.67 0.00	57.82 -0.52 0.00	73.56 -0.92 0.00	82.04 -2.21 0.00	97.48 -4.95 0.00	84.42 -4.55 0.00	81.76 -4.43 0.00	81.78 -4.95 0.00	77.19 -4.06 0.00	78.88 -3.86 0.00	91.10 -5.58 0.00	82.81 -4.47 0.00
NIAGARA_230_LBMP 323716	46.68 -2.33 0.00	50.77 -2.36 0.00	48.61 -2.13 0.00	45.27 -1.53 0.00	44.32 -1.28 0.00	49.12 -1.92 0.00	57.48 -3.11 0.00	143.64 -7.08 0.00	106.91 -4.06 0.00	51.63 -0.86 0.00	58.00 -0.98 0.00	62.66 -0.48 0.00	50.20 -0.36 0.00	58.15 -0.19 0.00	74.03 -0.45 0.00	82.66 -1.59 0.00	98.88 -3.56 0.00	85.66 -3.30 0.00	82.96 -3.23 0.00	83.03 -3.70 0.00	78.23 -3.02 0.00	79.95 -2.80 0.00	92.35 -4.34 0.00	83.50 -3.78 0.00
NIAGARA___115KV_198_GIBSON 55903	46.56 -2.44 0.00	50.65 -2.48 0.00	48.50 -2.23 0.00	45.18 -1.62 0.00	44.29 -1.30 0.00	48.82 -2.22 0.00	56.99 -3.60 0.00	141.76 -8.96 0.00	105.51 -5.47 0.00	51.16 -1.33 0.00	57.63 -1.35 0.00	62.25 -0.89 0.00	49.89 -0.67 0.00	57.81 -0.53 0.00	73.56 -0.93 0.00	82.03 -2.22 0.00	97.49 -4.95 0.00	84.44 -4.53 0.00	81.79 -4.40 0.00	81.79 -4.94 0.00	77.20 -4.05 0.00	78.90 -3.84 0.00	91.07 -5.61 0.00	82.82 -4.46 0.00
NIAGARA____ 23760	46.68 -2.33 0.00	50.77 -2.36 0.00	48.61 -2.13 0.00	45.27 -1.53 0.00	44.32 -1.28 0.00	49.12 -1.92 0.00	57.48 -3.11 0.00	143.64 -7.08 0.00	106.91 -4.06 0.00	51.63 -0.86 0.00	58.00 -0.98 0.00	62.66 -0.48 0.00	50.20 -0.36 0.00	58.15 -0.19 0.00	74.03 -0.45 0.00	82.66 -1.59 0.00	98.88 -3.56 0.00	85.66 -3.30 0.00	82.96 -3.23 0.00	83.03 -3.70 0.00	78.23 -3.02 0.00	79.95 -2.80 0.00	92.35 -4.34 0.00	83.50 -3.78 0.00
NINE_MILE_1 23575	47.02 -1.98 0.00	50.96 -2.17 0.00	48.70 -2.03 0.00	44.97 -1.83 0.00	43.83 -1.77 0.00	49.06 -1.97 0.00	58.23 -2.36 0.00	145.48 -5.24 0.00	107.49 -3.49 0.00	50.55 -1.94 0.00	56.60 -2.38 0.00	61.25 -1.90 0.00	48.79 -1.78 0.00	56.22 -2.12 0.00	71.84 -2.65 0.00	81.28 -2.97 0.00	98.64 -3.79 0.00	85.82 -3.14 0.00	83.12 -3.06 0.00	83.61 -3.13 0.00	78.30 -2.95 0.00	79.74 -3.01 0.00	92.92 -3.76 0.00	83.78 -3.50 0.00
NINE_MILE_2 23744	47.02 -1.98 0.00	50.96 -2.17 0.00	48.70 -2.03 0.00	44.98 -1.83 0.00	43.83 -1.76 0.00	49.06 -1.97 0.00	58.25 -2.34 0.00	145.49 -5.23 0.00	107.49 -3.49 0.00	50.57 -1.93 0.00	56.60 -2.38 0.00	61.25 -1.90 0.00	48.80 -1.76 0.00	56.24 -2.11 0.00	71.84 -2.64 0.00	81.28 -2.97 0.00	98.64 -3.79 0.00	85.84 -3.13 0.00	83.13 -3.06 0.00	83.61 -3.12 0.00	78.30 -2.95 0.00	79.74 -3.01 0.00	92.93 -3.75 0.00	83.78 -3.50 0.00
NM_CAPITAL___DRP 24208	50.32 1.31 0.00	54.56 1.42 0.00	52.11 1.38 0.00	48.03 1.23 0.00	46.61 1.02 0.00	51.99 0.96 0.00	61.68 1.09 0.00	152.02 1.30 0.00	111.39 0.41 0.00	52.47 -0.02 0.00	58.95 -0.03 0.00	63.37 0.23 0.00	50.93 0.37 0.00	58.81 0.47 0.00	74.87 0.38 0.00	84.81 0.56 0.00	103.44 1.00 0.00	89.79 0.82 0.00	86.84 0.66 0.00	87.60 0.87 0.00	82.20 0.94 0.00	83.82 1.08 0.00	98.05 1.37 0.00	88.58 1.30 0.00
NM_CENTRAL___DRP 24181	47.88 -1.12 0.00	51.93 -1.21 0.00	49.60 -1.13 0.00	45.81 -0.99 0.00	44.66 -0.93 0.00	50.03 -1.01 0.00	59.44 -1.14 0.00	148.45 -2.27 0.00	109.61 -1.37 0.00	51.64 -0.85 0.00	57.81 -1.17 0.00	62.48 -0.67 0.00	49.77 -0.79 0.00	57.40 -0.94 0.00	73.45 -1.03 0.00	83.16 -1.09 0.00	100.78 -1.66 0.00	87.74 -1.23 0.00	85.01 -1.18 0.00	85.49 -1.24 0.00	80.01 -1.24 0.00	81.45 -1.30 0.00	94.79 -1.89 0.00	85.39 -1.89 0.00

NM_FRONTIER___DRP 24179	46.56 -2.44 0.00	50.65 -2.48 0.00	48.50 -2.23 0.00	45.18 -1.62 0.00	44.29 -1.30 0.00	48.82 -2.22 0.00	56.99 -3.60 0.00	141.76 -8.96 0.00	105.51 -5.47 0.00	51.16 -1.33 0.00	57.63 -1.35 0.00	62.25 -0.89 0.00	49.89 -0.67 0.00	57.81 -0.53 0.00	73.56 -0.93 0.00	82.03 -2.22 0.00	97.49 -4.95 0.00	84.44 -4.53 0.00	81.79 -4.40 0.00	81.79 -4.94 0.00	77.20 -4.05 0.00	78.90 -3.84 0.00	91.07 -5.61 0.00	82.82 -4.46 0.00
NM_ST_REGIS___HYD 24053	49.40 0.39 0.00	53.51 0.37 0.00	51.13 0.40 0.00	47.31 0.50 0.00	46.26 0.67 0.00	51.84 0.81 0.00	61.86 1.28 0.00	154.28 3.56 0.00	113.30 2.32 0.00	53.69 1.20 0.00	60.55 1.57 0.00	64.93 1.79 0.00	51.98 1.42 0.00	60.14 1.80 0.00	76.44 1.96 0.00	86.31 2.06 0.00	105.04 2.60 0.00	91.65 2.68 0.00	88.54 2.35 0.00	88.99 2.27 0.00	83.38 2.13 0.00	84.46 1.71 0.00	99.25 2.57 0.00	90.11 2.83 0.00
NORTHPORT___1 23551	50.91 1.91 0.00	55.01 1.87 0.00	52.47 1.74 0.00	48.36 1.55 0.00	47.00 1.41 0.00	52.76 1.73 0.00	61.97 1.38 0.00	100.55 2.02 52.19	76.71 -0.68 33.58	52.39 -0.10 0.00	59.98 1.00 0.00	64.88 1.74 0.00	52.10 1.53 0.00	59.62 1.28 0.00	76.71 2.23 0.00	87.01 2.34 -0.42	59.64 3.03 45.82	88.39 2.31 2.89	38.98 2.46 49.66	46.01 2.53 43.25	105.49 2.43 -21.80	106.23 2.81 -20.68	104.90 3.70 -4.51	92.52 3.59 -1.65
NORTHPORT___2 23552	50.91 1.91 0.00	55.01 1.87 0.00	52.47 1.74 0.00	48.36 1.55 0.00	47.00 1.41 0.00	52.76 1.73 0.00	61.97 1.38 0.00	100.55 2.02 52.19	76.71 -0.68 33.58	52.39 -0.10 0.00	59.98 1.00 0.00	64.88 1.74 0.00	52.10 1.53 0.00	59.62 1.28 0.00	76.71 2.23 0.00	87.01 2.34 -0.42	59.64 3.03 45.82	88.39 2.31 2.89	38.98 2.46 49.66	46.01 2.53 43.25	105.49 2.43 -21.80	106.23 2.81 -20.68	104.90 3.70 -4.51	92.52 3.59 -1.65
NORTHPORT___3 23553	50.90 1.89 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.34 1.53 0.00	46.99 1.40 0.00	52.74 1.71 0.00	61.92 1.33 0.00	106.86 1.88 45.74	80.75 -0.78 29.43	52.35 -0.14 0.00	59.99 1.01 0.00	64.90 1.75 0.00	52.11 1.55 0.00	59.66 1.31 0.00	76.70 2.22 0.00	86.99 2.31 -0.42	75.62 2.98 29.79	90.72 2.28 0.53	60.05 2.39 28.52	68.61 2.45 20.57	106.65 2.42 -22.98	106.36 2.83 -20.79	104.93 3.71 -4.54	92.50 3.56 -1.66
NORTHPORT___4 23650	50.90 1.89 0.00	54.99 1.86 0.00	52.46 1.73 0.00	48.34 1.53 0.00	46.99 1.40 0.00	52.74 1.71 0.00	61.92 1.33 0.00	106.86 1.88 45.74	80.75 -0.78 29.43	52.35 -0.14 0.00	59.99 1.01 0.00	64.90 1.75 0.00	52.11 1.55 0.00	59.66 1.31 0.00	76.70 2.22 0.00	86.99 2.31 -0.42	75.62 2.98 29.79	90.72 2.28 0.53	60.05 2.39 28.52	68.61 2.45 20.57	106.65 2.42 -22.98	106.36 2.83 -20.79	104.93 3.71 -4.54	92.50 3.56 -1.66
NORTHPORT___IC 23718	50.91 1.91 0.00	55.01 1.87 0.00	52.47 1.74 0.00	48.36 1.55 0.00	46.99 1.40 0.00	52.76 1.73 0.00	61.97 1.38 0.00	100.52 1.99 52.19	76.71 -0.68 33.58	52.39 -0.10 0.00	59.98 1.00 0.00	64.88 1.74 0.00	52.10 1.53 0.00	59.63 1.28 0.00	76.72 2.24 0.00	87.01 2.34 -0.42	59.64 3.02 45.82	88.39 2.31 2.89	38.95 2.43 49.66	45.99 2.51 43.25	105.46 2.41 -21.80	106.23 2.81 -20.68	104.90 3.70 -4.51	92.52 3.59 -1.65
NORTH___COUNTRY_ESR 323785	48.95 -0.06 0.00	52.76 -0.38 0.00	50.18 -0.56 0.00	46.30 -0.50 0.00	45.28 -0.31 0.00	50.95 -0.08 0.00	60.65 0.06 0.00	151.89 1.17 0.00	111.51 0.53 0.00	52.78 0.29 0.00	59.67 0.69 0.00	64.08 0.94 0.00	51.45 0.89 0.00	59.62 1.28 0.00	76.39 1.91 0.00	86.49 2.25 0.00	105.22 2.78 0.00	91.62 2.66 0.00	88.71 2.52 0.00	89.30 2.57 0.00	83.81 2.56 0.00	85.12 2.37 0.00	99.71 3.03 0.00	90.18 2.90 0.00
NPX_GEN_1385_PROXY 323591	51.49 2.48 0.00	55.74 2.61 0.00	53.24 2.51 0.00	49.17 2.37 0.00	47.69 2.10 0.00	53.96 2.93 0.00	63.37 2.79 0.00	104.06 5.53 52.19	78.99 1.60 33.58	52.85 0.36 0.00	60.29 1.31 0.00	65.04 1.90 0.00	52.12 1.56 0.00	59.49 1.15 0.00	77.98 3.50 0.00	88.33 3.65 -0.42	61.32 4.70 45.82	90.06 3.98 2.89	46.74 4.47 43.92	54.54 4.52 36.71	106.67 3.62 -21.80	107.72 4.29 -20.68	106.51 5.31 -4.51	98.69 5.61 -5.80
NPX_GEN_CSC 323557	51.22 2.21 0.00	55.29 2.16 0.00	52.70 1.96 0.00	48.58 1.78 0.00	47.29 1.70 0.00	53.17 2.14 0.00	61.09 0.51 0.00	150.42 0.81 1.12	106.82 -3.44 0.72	50.95 -1.55 0.00	59.37 0.39 0.00	65.00 1.86 0.00	52.26 1.70 0.00	60.20 1.86 0.00	77.60 3.12 0.00	88.67 4.00 -0.43	114.67 5.33 -6.90	97.09 3.28 -4.84	110.68 4.70 -19.80	122.76 4.82 -31.21	111.34 4.56 -25.52	108.31 4.65 -20.91	106.79 5.55 -4.56	93.89 4.94 -1.67
NSINS_S_GLNS_FALLS 23858	52.62 3.62 0.00	57.05 3.92 0.00	54.39 3.66 0.00	49.92 3.11 0.00	48.38 2.78 0.00	54.22 3.18 0.00	64.21 3.62 0.00	157.66 6.93 0.00	115.17 4.20 0.00	53.84 1.35 0.00	60.41 1.43 0.00	64.78 1.63 0.00	52.00 1.43 0.00	60.31 1.97 0.00	77.28 2.79 0.00	87.99 3.74 0.00	107.79 5.35 0.00	93.34 4.37 0.00	90.71 4.53 0.00	91.65 4.92 0.00	86.14 4.89 0.00	87.52 4.77 0.00	102.12 5.44 0.00	92.05 4.77 0.00
NUCOR_STEEL___DRP 24197	48.55 -0.46 0.00	52.46 -0.67 0.00	50.23 -0.50 0.00	46.46 -0.34 0.00	45.35 -0.24 0.00	50.84 -0.19 0.00	60.46 -0.13 0.00	150.30 -0.42 0.00	111.39 0.42 0.00	52.21 -0.29 0.00	58.64 -0.34 0.00	63.33 0.18 0.00	50.50 -0.06 0.00	58.19 -0.15 0.00	74.39 -0.09 0.00	84.55 0.30 0.00	102.63 0.20 0.00	89.32 0.36 0.00	86.50 0.32 0.00	87.07 0.34 0.00	81.47 0.21 0.00	82.68 -0.07 0.00	96.30 -0.38 0.00	86.64 -0.64 0.00
NUMBER_THREE_WT_PWR 323818	47.19 -1.81 0.00	51.25 -1.88 0.00	49.07 -1.66 0.00	45.90 -0.90 0.00	44.51 -1.09 0.00	50.40 -0.63 0.00	60.97 0.38 0.00	155.55 4.83 0.00	114.78 3.81 0.00	53.90 1.41 0.00	60.79 1.81 0.00	65.17 2.03 0.00	51.94 1.37 0.00	60.00 1.66 0.00	76.83 2.35 0.00	87.62 3.37 0.00	107.10 4.67 0.00	93.70 4.73 0.00	90.70 4.52 0.00	91.03 4.30 0.00	84.89 3.64 0.00	86.70 3.95 0.00	100.86 4.18 0.00	90.53 3.25 0.00
NYISO_LBMP_REFERENCE 24008	49.00 0.00 0.00	53.14 0.00 0.00	50.73 0.00 0.00	46.80 0.00 0.00	45.60 0.00 0.00	51.03 0.00 0.00	60.59 0.00 0.00	150.72 0.00 0.00	110.98 0.00 0.00	52.49 0.00 0.00	58.98 0.00 0.00	63.14 0.00 0.00	50.56 0.00 0.00	58.34 0.00 0.00	74.48 0.00 0.00	84.25 0.00 0.00	102.43 0.00 0.00	88.97 0.00 0.00	86.19 0.00 0.00	86.73 0.00 0.00	81.26 0.00 0.00	82.75 0.00 0.00	96.68 0.00 0.00	87.28 0.00 0.00
NYPA_BRENTWD____GT 24164	51.42 2.42 0.00	55.50 2.36 0.00	52.95 2.21 0.00	48.78 1.97 0.00	47.44 1.84 0.00	53.31 2.28 0.00	62.80 2.21 0.00	152.39 4.64 2.98	110.10 1.04 1.92	53.04 0.54 0.00	60.57 1.59 0.00	65.52 2.37 0.00	52.62 2.05 0.00	60.35 2.01 0.00	77.63 3.15 0.00	88.30 3.61 -0.44	112.99 4.91 -5.64	97.36 3.60 -4.79	108.74 4.04 -18.51	121.22 4.30 -30.19	111.46 3.90 -26.31	108.50 4.11 -21.64	106.35 4.95 -4.72	93.56 4.55 -1.73

NYPA_GOWANUS____GT5 24156	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.93 2.34 0.00	155.68 4.95 0.00	113.38 2.40 0.00	53.51 1.02 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.33 2.08 0.00	105.66 3.23 0.00	91.75 2.78 0.00	88.55 2.36 0.00	89.19 2.46 0.00	83.31 2.06 0.00	84.88 2.14 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NYPA_GOWANUS____GT6 24157	51.02 2.02 0.00	55.18 2.04 0.00	52.65 1.91 0.00	48.46 1.66 0.00	47.14 1.55 0.00	52.81 1.78 0.00	62.93 2.34 0.00	155.68 4.95 0.00	113.38 2.40 0.00	53.51 1.02 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.25 1.91 0.00	76.43 1.95 0.00	86.33 2.08 0.00	105.66 3.23 0.00	91.75 2.78 0.00	88.55 2.36 0.00	89.19 2.46 0.00	83.31 2.06 0.00	84.88 2.14 0.00	99.23 2.55 0.00	89.27 1.99 0.00
NYPA_HARLEM__RVR__GT1 24160	50.78 1.78 0.00	55.01 1.88 0.00	52.53 1.79 0.00	48.30 1.49 0.00	47.00 1.41 0.00	52.62 1.59 0.00	62.60 2.01 0.00	154.85 4.13 0.00	112.76 1.79 0.00	53.27 0.78 0.00	60.08 1.10 0.00	64.80 1.65 0.00	52.35 1.79 0.00	60.07 1.73 0.00	76.26 1.78 0.00	86.28 2.04 0.00	105.36 2.93 0.00	91.53 2.56 0.00	88.26 2.08 0.00	88.87 2.14 0.00	82.98 1.72 0.00	84.61 1.86 0.00	99.07 2.39 0.00	89.11 1.84 0.00
NYPA_HARLEM__RVR__GT2 24161	50.78 1.78 0.00	55.01 1.88 0.00	52.53 1.79 0.00	48.30 1.49 0.00	47.00 1.41 0.00	52.62 1.59 0.00	62.60 2.01 0.00	154.85 4.13 0.00	112.76 1.79 0.00	53.27 0.78 0.00	60.08 1.10 0.00	64.80 1.65 0.00	52.35 1.79 0.00	60.07 1.73 0.00	76.26 1.78 0.00	86.28 2.04 0.00	105.36 2.93 0.00	91.53 2.56 0.00	88.26 2.08 0.00	88.87 2.14 0.00	82.98 1.72 0.00	84.61 1.86 0.00	99.07 2.39 0.00	89.11 1.84 0.00
NYPA_KENT____GT 24152	51.00 1.99 0.00	55.16 2.03 0.00	52.62 1.89 0.00	48.44 1.64 0.00	47.11 1.52 0.00	52.76 1.73 0.00	62.83 2.25 0.00	155.43 4.71 0.00	113.20 2.23 0.00	53.46 0.97 0.00	60.22 1.25 0.00	64.99 1.84 0.00	52.41 1.85 0.00	60.23 1.89 0.00	76.47 1.98 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.70 2.74 0.00	88.53 2.34 0.00	89.14 2.41 0.00	83.25 1.99 0.00	84.80 2.05 0.00	99.18 2.50 0.00	89.26 1.98 0.00
NYPA_POUCH1____GT 24155	50.95 1.95 0.00	55.10 1.96 0.00	52.56 1.83 0.00	48.39 1.59 0.00	47.08 1.49 0.00	52.74 1.71 0.00	62.88 2.30 0.00	155.59 4.87 0.00	113.23 2.25 0.00	53.38 0.89 0.00	60.04 1.06 0.00	64.76 1.61 0.00	52.24 1.67 0.00	60.03 1.69 0.00	76.06 1.58 0.00	86.15 1.90 0.00	105.56 3.12 0.00	91.70 2.73 0.00	88.46 2.28 0.00	89.16 2.43 0.00	83.33 2.08 0.00	84.89 2.14 0.00	99.11 2.43 0.00	89.16 1.89 0.00
NYPA_VERNON____GT2 24162	50.96 1.96 0.00	55.13 2.00 0.00	52.60 1.87 0.00	48.42 1.61 0.00	47.07 1.47 0.00	52.72 1.68 0.00	62.76 2.17 0.00	155.25 4.53 0.00	113.09 2.12 0.00	53.45 0.96 0.00	60.20 1.22 0.00	64.99 1.84 0.00	52.39 1.83 0.00	60.23 1.88 0.00	76.50 2.01 0.00	86.44 2.20 0.00	105.77 3.33 0.00	91.75 2.78 0.00	88.55 2.36 0.00	89.16 2.43 0.00	83.22 1.97 0.00	84.75 2.01 0.00	99.10 2.42 0.00	89.22 1.94 0.00
NYPA_VERNON____GT3 24163	50.96 1.96 0.00	55.13 2.00 0.00	52.60 1.87 0.00	48.42 1.61 0.00	47.07 1.47 0.00	52.72 1.68 0.00	62.76 2.17 0.00	155.25 4.53 0.00	113.09 2.12 0.00	53.45 0.96 0.00	60.20 1.22 0.00	64.99 1.84 0.00	52.39 1.83 0.00	60.23 1.88 0.00	76.50 2.01 0.00	86.44 2.20 0.00	105.77 3.33 0.00	91.75 2.78 0.00	88.55 2.36 0.00	89.16 2.43 0.00	83.22 1.97 0.00	84.75 2.01 0.00	99.10 2.42 0.00	89.22 1.94 0.00
NYPA____ASTORIA_CC1 323568	50.91 1.91 0.00	55.07 1.94 0.00	52.55 1.81 0.00	48.36 1.56 0.00	47.01 1.41 0.00	52.64 1.61 0.00	62.65 2.06 0.00	154.95 4.23 0.00	112.89 1.92 0.00	53.36 0.86 0.00	60.10 1.12 0.00	64.86 1.71 0.00	52.31 1.74 0.00	60.11 1.77 0.00	76.35 1.86 0.00	86.28 2.04 0.00	105.57 3.14 0.00	91.57 2.60 0.00	88.37 2.19 0.00	88.97 2.24 0.00	83.06 1.80 0.00	84.59 1.84 0.00	98.92 2.24 0.00	89.06 1.78 0.00
NYPA____ASTORIA_CC2 323569	50.91 1.91 0.00	55.07 1.94 0.00	52.55 1.81 0.00	48.36 1.56 0.00	47.01 1.41 0.00	52.64 1.61 0.00	62.65 2.06 0.00	154.95 4.23 0.00	112.89 1.92 0.00	53.36 0.86 0.00	60.10 1.12 0.00	64.86 1.71 0.00	52.31 1.74 0.00	60.11 1.77 0.00	76.35 1.86 0.00	86.28 2.04 0.00	105.57 3.14 0.00	91.57 2.60 0.00	88.37 2.19 0.00	88.97 2.24 0.00	83.06 1.80 0.00	84.59 1.84 0.00	98.92 2.24 0.00	89.06 1.78 0.00
NYPA____HOLTSVILL 23794	51.07 2.06 0.00	55.14 2.01 0.00	52.57 1.84 0.00	48.46 1.66 0.00	47.13 1.54 0.00	52.97 1.94 0.00	62.01 1.42 0.00	152.40 2.35 0.67	109.66 -0.89 0.43	52.20 -0.29 0.00	59.85 0.87 0.00	64.94 1.80 0.00	52.15 1.58 0.00	59.89 1.55 0.00	76.97 2.48 0.00	87.56 2.88 -0.43	113.54 3.78 -7.33	96.58 2.72 -4.90	109.70 3.18 -20.33	121.74 3.24 -31.76	109.85 3.10 -25.49	106.98 3.36 -20.86	105.44 4.21 -4.55	92.76 3.82 -1.66
NYPA____HELLGATE_GT1 24158	50.78 1.78 0.00	55.01 1.88 0.00	52.53 1.79 0.00	48.30 1.49 0.00	47.00 1.41 0.00	52.62 1.59 0.00	62.60 2.01 0.00	154.85 4.13 0.00	112.76 1.79 0.00	53.27 0.78 0.00	60.08 1.10 0.00	64.80 1.65 0.00	52.35 1.79 0.00	60.07 1.73 0.00	76.26 1.78 0.00	86.31 2.07 0.00	105.42 2.98 0.00	91.53 2.56 0.00	88.26 2.08 0.00	88.87 2.14 0.00	82.98 1.72 0.00	84.61 1.86 0.00	99.07 2.39 0.00	89.11 1.84 0.00
NYPA____HELLGATE_GT2 24159	50.78 1.78 0.00	55.01 1.88 0.00	52.53 1.79 0.00	48.30 1.49 0.00	47.00 1.41 0.00	52.62 1.59 0.00	62.60 2.01 0.00	154.85 4.13 0.00	112.76 1.79 0.00	53.27 0.78 0.00	60.08 1.10 0.00	64.80 1.65 0.00	52.35 1.79 0.00	60.07 1.73 0.00	76.26 1.78 0.00	86.31 2.07 0.00	105.42 2.98 0.00	91.53 2.56 0.00	88.26 2.08 0.00	88.87 2.14 0.00	82.98 1.72 0.00	84.61 1.86 0.00	99.07 2.39 0.00	89.11 1.84 0.00
NYS_BARGE____HYD 23848	46.96 -2.04 0.00	51.06 -2.07 0.00	48.92 -1.81 0.00	45.52 -1.29 0.00	44.55 -1.04 0.00	49.27 -1.76 0.00	57.66 -2.93 0.00	144.42 -6.31 0.00	107.53 -3.44 0.00	51.97 -0.52 0.00	58.29 -0.69 0.00	62.98 -0.17 0.00	50.45 -0.11 0.00	58.48 0.14 0.00	74.43 -0.05 0.00	82.98 -1.27 0.00	99.35 -3.08 0.00	86.17 -2.79 0.00	83.52 -2.67 0.00	83.54 -3.19 0.00	78.77 -2.49 0.00	80.46 -2.29 0.00	92.88 -3.81 0.00	83.81 -3.46 0.00
OAK ORCHARD____HYD 24046	48.02 -0.98 0.00	52.13 -1.00 0.00	49.86 -0.88 0.00	46.27 -0.53 0.00	45.25 -0.34 0.00	50.53 -0.51 0.00	59.74 -0.85 0.00	149.58 -1.14 0.00	111.03 0.06 0.00	53.03 0.53 0.00	59.42 0.44 0.00	64.11 0.97 0.00	51.26 0.69 0.00	59.34 1.00 0.00	75.71 1.23 0.00	85.02 0.77 0.00	102.62 0.18 0.00	89.22 0.25 0.00	86.33 0.15 0.00	86.51 -0.22 0.00	81.14 -0.12 0.00	82.61 -0.14 0.00	95.49 -1.19 0.00	86.02 -1.26 0.00

OAKDALE___35_KV_LOAD 356122	48.21 -0.79 0.00	52.35 -0.78 0.00	49.98 -0.76 0.00	46.15 -0.65 0.00	44.95 -0.65 0.00	50.29 -0.74 0.00	59.69 -0.90 0.00	148.83 -1.89 0.00	109.44 -1.53 0.00	51.72 -0.78 0.00	58.13 -0.84 0.00	62.67 -0.47 0.00	49.77 -0.79 0.00	57.53 -0.81 0.00	73.96 -0.53 0.00	83.97 -0.28 0.00	100.75 -1.69 0.00	88.27 -0.70 0.00	85.62 -0.56 0.00	86.16 -0.57 0.00	80.55 -0.71 0.00	82.17 -0.58 0.00	95.56 -1.13 0.00	86.00 -1.28 0.00
OCC_CHEM___DRP 24175	46.62 -2.38 0.00	50.72 -2.41 0.00	48.57 -2.16 0.00	45.24 -1.56 0.00	44.35 -1.24 0.00	48.90 -2.14 0.00	57.11 -3.48 0.00	142.14 -8.58 0.00	105.77 -5.21 0.00	51.27 -1.23 0.00	57.73 -1.25 0.00	62.38 -0.77 0.00	49.99 -0.58 0.00	57.93 -0.41 0.00	73.70 -0.78 0.00	82.19 -2.05 0.00	97.69 -4.74 0.00	84.63 -4.33 0.00	81.97 -4.21 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.09 -3.66 0.00	91.30 -5.38 0.00	82.98 -4.30 0.00
OH_GEN_PROXY 24063	46.67 -2.33 0.00	50.77 -2.37 0.00	48.61 -2.13 0.00	45.25 -1.55 0.00	44.31 -1.29 0.00	49.16 -1.87 0.00	57.59 -3.00 0.00	143.94 -6.78 0.00	107.10 -3.88 0.00	51.71 -0.78 0.00	58.10 -0.88 0.00	62.77 -0.37 0.00	50.27 -0.30 0.00	58.23 -0.11 0.00	74.19 -0.30 0.00	82.90 -1.34 0.00	99.11 -3.32 0.00	85.93 -3.04 0.00	83.22 -2.96 0.00	83.31 -3.42 0.00	-7.77 -2.79 86.23	80.16 -2.59 0.00	92.53 -4.15 0.00	83.54 -3.73 0.00
OLIN_CORP_DRP 24177	46.38 -2.62 0.00	50.43 -2.70 0.00	48.32 -2.42 0.00	45.00 -1.81 0.00	44.15 -1.45 0.00	48.73 -2.30 0.00	56.99 -3.60 0.00	142.57 -8.15 0.00	106.30 -4.68 0.00	51.41 -1.08 0.00	57.67 -1.31 0.00	62.32 -0.82 0.00	49.95 -0.61 0.00	57.88 -0.46 0.00	73.63 -0.86 0.00	82.04 -2.21 0.00	98.19 -4.25 0.00	85.14 -3.83 0.00	82.47 -3.72 0.00	82.48 -4.25 0.00	77.84 -3.41 0.00	79.55 -3.19 0.00	91.83 -4.85 0.00	82.96 -4.32 0.00
OLIN_CORP_DSASP 323712	46.62 -2.38 0.00	50.72 -2.41 0.00	48.57 -2.16 0.00	45.24 -1.56 0.00	44.35 -1.24 0.00	48.90 -2.14 0.00	57.11 -3.48 0.00	142.14 -8.58 0.00	105.77 -5.21 0.00	51.27 -1.23 0.00	57.73 -1.25 0.00	62.38 -0.77 0.00	49.99 -0.58 0.00	57.93 -0.41 0.00	73.70 -0.78 0.00	82.19 -2.05 0.00	97.69 -4.74 0.00	84.63 -4.33 0.00	81.97 -4.21 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.09 -3.66 0.00	91.30 -5.38 0.00	82.98 -4.30 0.00
ONEIDA_HERK_LFGE 323681	48.88 -0.12 0.00	53.08 -0.05 0.00	50.74 0.01 0.00	47.08 0.28 0.00	45.81 0.21 0.00	51.59 0.55 0.00	61.90 1.31 0.00	157.39 6.67 0.00	115.90 4.93 0.00	54.38 1.89 0.00	61.26 2.28 0.00	65.74 2.59 0.00	52.49 1.92 0.00	60.60 2.25 0.00	77.77 3.29 0.00	88.55 4.31 0.00	108.08 5.65 0.00	94.36 5.39 0.00	91.38 5.19 0.00	91.82 5.09 0.00	85.75 4.49 0.00	87.36 4.61 0.00	101.64 4.96 0.00	91.27 3.99 0.00
ONEIDA___115KV_TB4 55905	49.68 0.68 0.00	53.99 0.85 0.00	51.57 0.84 0.00	47.66 0.86 0.00	46.49 0.89 0.00	52.23 1.20 0.00	62.29 1.71 0.00	154.07 3.35 0.00	113.34 2.36 0.00	53.25 0.75 0.00	59.69 0.71 0.00	64.17 1.03 0.00	51.23 0.66 0.00	59.23 0.89 0.00	75.94 1.46 0.00	86.18 1.94 0.00	104.59 2.15 0.00	90.82 1.85 0.00	88.02 1.83 0.00	88.52 1.79 0.00	82.85 1.59 0.00	84.30 1.55 0.00	98.17 1.49 0.00	88.42 1.14 0.00
ONONDAGA_REF_OCCRA 23987	48.16 -0.85 0.00	52.22 -0.91 0.00	49.87 -0.87 0.00	46.04 -0.76 0.00	44.89 -0.71 0.00	50.30 -0.73 0.00	59.81 -0.78 0.00	149.38 -1.34 0.00	110.23 -0.75 0.00	51.90 -0.59 0.00	58.09 -0.89 0.00	62.75 -0.40 0.00	49.95 -0.62 0.00	57.61 -0.73 0.00	73.82 -0.67 0.00	83.68 -0.57 0.00	101.35 -1.08 0.00	88.36 -0.61 0.00	85.64 -0.54 0.00	86.14 -0.59 0.00	80.58 -0.67 0.00	82.03 -0.72 0.00	95.44 -1.24 0.00	85.92 -1.36 0.00
ONONDAGA___COGEN 23986	48.13 -0.88 0.00	52.16 -0.97 0.00	49.83 -0.90 0.00	46.02 -0.78 0.00	44.88 -0.72 0.00	50.27 -0.76 0.00	59.76 -0.83 0.00	149.22 -1.50 0.00	110.19 -0.78 0.00	51.80 -0.70 0.00	58.02 -0.95 0.00	62.71 -0.43 0.00	49.95 -0.62 0.00	57.59 -0.75 0.00	73.70 -0.78 0.00	83.53 -0.72 0.00	101.26 -1.18 0.00	88.24 -0.72 0.00	85.49 -0.70 0.00	85.99 -0.74 0.00	80.46 -0.79 0.00	81.87 -0.87 0.00	95.29 -1.39 0.00	85.82 -1.46 0.00
ONTARIO___LFGE 23819	48.33 -0.68 0.00	52.42 -0.72 0.00	50.11 -0.63 0.00	46.39 -0.42 0.00	45.33 -0.26 0.00	50.79 -0.24 0.00	60.32 -0.27 0.00	150.87 0.15 0.00	111.61 0.63 0.00	52.82 0.33 0.00	59.06 0.08 0.00	63.80 0.66 0.00	50.92 0.36 0.00	58.90 0.56 0.00	75.34 0.85 0.00	85.07 0.82 0.00	103.07 0.64 0.00	89.73 0.76 0.00	86.90 0.71 0.00	87.21 0.48 0.00	81.68 0.43 0.00	83.02 0.27 0.00	96.19 -0.49 0.00	86.56 -0.72 0.00
ORANGEVILLE_WT_PWR 323706	45.86 -3.15 0.00	49.94 -3.19 0.00	47.93 -2.81 0.00	44.54 -2.26 0.00	43.59 -2.00 0.00	48.73 -2.30 0.00	57.82 -2.77 0.00	145.61 -5.12 0.00	107.75 -3.23 0.00	51.60 -0.89 0.00	57.90 -1.08 0.00	62.62 -0.52 0.00	50.34 -0.22 0.00	58.39 0.04 0.00	74.69 0.21 0.00	83.88 -0.37 0.00	100.45 -1.99 0.00	87.27 -1.70 0.00	84.61 -1.58 0.00	84.78 -1.95 0.00	79.47 -1.79 0.00	81.09 -1.66 0.00	93.67 -3.01 0.00	84.37 -2.91 0.00
ORANGEVILLE___ESR 323794	45.86 -3.15 0.00	49.94 -3.19 0.00	47.93 -2.81 0.00	44.54 -2.26 0.00	43.59 -2.00 0.00	48.73 -2.30 0.00	57.82 -2.77 0.00	145.61 -5.12 0.00	107.75 -3.23 0.00	51.60 -0.89 0.00	57.90 -1.08 0.00	62.62 -0.52 0.00	50.34 -0.22 0.00	58.39 0.04 0.00	74.69 0.21 0.00	83.88 -0.37 0.00	100.45 -1.99 0.00	87.27 -1.70 0.00	84.61 -1.58 0.00	84.78 -1.95 0.00	79.47 -1.79 0.00	81.09 -1.66 0.00	93.67 -3.01 0.00	84.37 -2.91 0.00
OSWEGATCHIE___HYD 24044	48.00 -1.01 0.00	51.95 -1.18 0.00	49.71 -1.02 0.00	46.23 -0.57 0.00	45.01 -0.58 0.00	50.62 -0.41 0.00	60.76 0.18 0.00	152.91 2.19 0.00	112.54 1.56 0.00	53.13 0.64 0.00	60.01 1.03 0.00	64.36 1.22 0.00	51.38 0.82 0.00	59.39 1.05 0.00	75.62 1.14 0.00	85.62 1.38 0.00	104.33 1.90 0.00	91.12 2.15 0.00	88.15 1.96 0.00	88.50 1.77 0.00	82.68 1.43 0.00	84.36 1.61 0.00	98.63 1.95 0.00	89.06 1.78 0.00
OSWEGO___5 23606	47.39 -1.62 0.00	51.37 -1.76 0.00	49.08 -1.65 0.00	45.32 -1.49 0.00	44.17 -1.42 0.00	49.47 -1.57 0.00	58.71 -1.88 0.00	146.62 -4.10 0.00	108.19 -2.79 0.00	50.84 -1.65 0.00	56.95 -2.03 0.00	61.69 -1.45 0.00	49.17 -1.39 0.00	56.69 -1.65 0.00	72.44 -2.04 0.00	81.96 -2.28 0.00	99.44 -2.99 0.00	86.54 -2.42 0.00	83.82 -2.37 0.00	84.30 -2.43 0.00	78.96 -2.30 0.00	80.39 -2.36 0.00	93.67 -3.01 0.00	84.45 -2.83 0.00
OSWEGO___6 23613	47.39 -1.62 0.00	51.37 -1.76 0.00	49.08 -1.65 0.00	45.32 -1.49 0.00	44.17 -1.42 0.00	49.47 -1.57 0.00	58.71 -1.88 0.00	146.62 -4.10 0.00	108.19 -2.79 0.00	50.84 -1.65 0.00	56.95 -2.03 0.00	61.69 -1.45 0.00	49.17 -1.39 0.00	56.69 -1.65 0.00	72.44 -2.04 0.00	81.96 -2.28 0.00	99.44 -2.99 0.00	86.54 -2.42 0.00	83.82 -2.37 0.00	84.30 -2.43 0.00	78.96 -2.30 0.00	80.39 -2.36 0.00	93.67 -3.01 0.00	84.45 -2.83 0.00

OUTOKUMPU-AB___DRP 24206	47.25 -1.75 0.00	51.38 -1.75 0.00	49.23 -1.50 0.00	45.83 -0.97 0.00	44.92 -0.68 0.00	49.72 -1.31 0.00	58.24 -2.35 0.00	145.78 -4.95 0.00	108.38 -2.59 0.00	52.36 -0.13 0.00	58.84 -0.14 0.00	63.59 0.45 0.00	50.96 0.40 0.00	59.04 0.70 0.00	75.11 0.62 0.00	83.68 -0.57 0.00	99.73 -2.71 0.00	86.60 -2.37 0.00	84.25 -1.94 0.00	84.09 -2.64 0.00	79.17 -2.08 0.00	80.88 -1.87 0.00	93.36 -3.32 0.00	84.46 -2.82 0.00
OXBOW___BTM 323836	46.87 -2.13 0.00	50.99 -2.15 0.00	48.82 -1.91 0.00	45.47 -1.33 0.00	44.52 -1.07 0.00	49.24 -1.79 0.00	57.61 -2.98 0.00	143.74 -6.98 0.00	106.97 -4.00 0.00	51.76 -0.73 0.00	58.23 -0.75 0.00	62.93 -0.21 0.00	50.42 -0.15 0.00	58.43 0.09 0.00	74.35 -0.14 0.00	82.86 -1.39 0.00	98.30 -4.14 0.00	85.28 -3.69 0.00	82.80 -3.38 0.00	82.89 -3.84 0.00	78.20 -3.05 0.00	79.91 -2.84 0.00	92.26 -4.43 0.00	83.61 -3.67 0.00
OXBOW___ 24026	46.87 -2.14 0.00	50.99 -2.14 0.00	48.83 -1.91 0.00	45.47 -1.33 0.00	44.57 -1.03 0.00	49.24 -1.79 0.00	57.60 -2.99 0.00	143.76 -6.96 0.00	106.97 -4.01 0.00	51.76 -0.73 0.00	58.23 -0.74 0.00	62.92 -0.22 0.00	50.42 -0.15 0.00	58.43 0.09 0.00	74.35 -0.14 0.00	82.86 -1.39 0.00	98.30 -4.13 0.00	85.30 -3.67 0.00	82.82 -3.36 0.00	82.90 -3.83 0.00	78.20 -3.05 0.00	79.92 -2.83 0.00	92.23 -4.45 0.00	83.62 -3.66 0.00
OXY_CHEM_DSASP 323612	46.62 -2.38 0.00	50.72 -2.41 0.00	48.57 -2.16 0.00	45.24 -1.56 0.00	44.35 -1.24 0.00	48.90 -2.14 0.00	57.11 -3.48 0.00	142.14 -8.58 0.00	105.77 -5.21 0.00	51.27 -1.23 0.00	57.73 -1.25 0.00	62.38 -0.77 0.00	49.99 -0.58 0.00	57.93 -0.41 0.00	73.70 -0.78 0.00	82.19 -2.05 0.00	97.69 -4.74 0.00	84.63 -4.33 0.00	81.97 -4.21 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.09 -3.66 0.00	91.30 -5.38 0.00	82.98 -4.30 0.00
OZONE_PARK_ESR 323760	51.34 2.34 0.00	55.51 2.38 0.00	52.93 2.20 0.00	48.73 1.93 0.00	47.39 1.79 0.00	53.08 2.05 0.00	63.36 2.77 0.00	156.75 6.03 0.00	114.15 3.18 0.00	53.93 1.44 0.00	60.68 1.70 0.00	65.61 2.46 0.00	52.84 2.27 0.00	60.79 2.45 0.00	77.32 2.84 0.00	87.39 3.14 0.00	106.97 4.53 0.00	92.77 3.80 0.00	89.58 3.40 0.00	90.22 3.49 0.00	84.24 2.98 0.00	85.73 2.98 0.00	100.18 3.50 0.00	90.11 2.83 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	46.62 -2.38 0.00	50.72 -2.41 0.00	48.57 -2.16 0.00	45.24 -1.56 0.00	44.35 -1.24 0.00	48.90 -2.14 0.00	57.11 -3.48 0.00	142.14 -8.58 0.00	105.77 -5.21 0.00	51.27 -1.23 0.00	57.73 -1.25 0.00	62.38 -0.77 0.00	49.99 -0.58 0.00	57.93 -0.41 0.00	73.70 -0.78 0.00	82.19 -2.05 0.00	97.69 -4.74 0.00	84.63 -4.33 0.00	81.97 -4.21 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.09 -3.66 0.00	91.30 -5.38 0.00	82.98 -4.30 0.00
PACKARD___115KV_DUPONT_184 80571	46.62 -2.38 0.00	50.72 -2.42 0.00	48.57 -2.16 0.00	45.24 -1.57 0.00	44.30 -1.29 0.00	48.90 -2.14 0.00	57.12 -3.47 0.00	142.10 -8.62 0.00	105.77 -5.21 0.00	51.26 -1.23 0.00	57.74 -1.24 0.00	62.38 -0.76 0.00	49.98 -0.58 0.00	57.93 -0.41 0.00	73.71 -0.77 0.00	82.20 -2.05 0.00	97.69 -4.74 0.00	84.61 -4.35 0.00	81.97 -4.22 0.00	81.99 -4.74 0.00	77.37 -3.89 0.00	79.07 -3.68 0.00	91.33 -5.35 0.00	82.98 -4.30 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.88 1.88 0.00	55.12 1.98 0.00	52.59 1.86 0.00	48.40 1.59 0.00	47.07 1.47 0.00	52.71 1.68 0.00	62.79 2.20 0.00	155.34 4.62 0.00	113.17 2.19 0.00	53.41 0.92 0.00	60.17 1.19 0.00	64.88 1.74 0.00	52.36 1.80 0.00	60.13 1.79 0.00	76.41 1.92 0.00	86.46 2.21 0.00	105.73 3.29 0.00	91.77 2.80 0.00	88.52 2.33 0.00	89.14 2.41 0.00	83.27 2.02 0.00	84.91 2.16 0.00	99.26 2.58 0.00	89.27 1.99 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.93 2.92 0.00	56.19 3.05 0.00	53.64 2.91 0.00	49.37 2.57 0.00	48.04 2.44 0.00	53.83 2.80 0.00	64.17 3.58 0.00	158.56 7.84 0.00	115.48 4.50 0.00	54.48 1.99 0.00	61.30 2.32 0.00	66.13 2.99 0.00	53.39 2.82 0.00	61.32 2.98 0.00	77.94 3.46 0.00	88.20 3.95 0.00	107.67 5.24 0.00	93.64 4.68 0.00	90.21 4.02 0.00	90.86 4.13 0.00	84.85 3.59 0.00	86.52 3.77 0.00	101.15 4.47 0.00	90.95 3.67 0.00
PATROON___115KV_TB1 80586	50.41 1.41 0.00	54.64 1.51 0.00	52.20 1.47 0.00	48.11 1.31 0.00	46.70 1.11 0.00	52.09 1.06 0.00	61.80 1.22 0.00	152.37 1.64 0.00	111.67 0.70 0.00	52.62 0.13 0.00	59.12 0.14 0.00	63.53 0.39 0.00	51.08 0.51 0.00	58.98 0.64 0.00	75.13 0.64 0.00	85.10 0.85 0.00	103.80 1.36 0.00	90.13 1.16 0.00	87.10 0.91 0.00	87.88 1.15 0.00	82.40 1.14 0.00	84.03 1.29 0.00	98.24 1.56 0.00	88.73 1.45 0.00
PATTRSNVILLE___SOLAR 323815	50.39 1.39 0.00	54.65 1.52 0.00	52.15 1.42 0.00	48.08 1.27 0.00	46.79 1.20 0.00	52.41 1.38 0.00	62.39 1.80 0.00	155.02 4.30 0.00	113.64 2.67 0.00	53.05 0.55 0.00	59.53 0.55 0.00	63.86 0.71 0.00	51.14 0.57 0.00	59.00 0.66 0.00	75.60 1.12 0.00	86.22 1.98 0.00	105.53 3.09 0.00	91.55 2.58 0.00	88.72 2.54 0.00	89.28 2.54 0.00	83.59 2.33 0.00	85.06 2.31 0.00	99.38 2.70 0.00	89.59 2.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.47 -1.54 0.00	51.63 -1.51 0.00	49.42 -1.32 0.00	46.00 -0.80 0.00	45.06 -0.53 0.00	50.13 -0.91 0.00	58.94 -1.65 0.00	147.95 -2.77 0.00	109.81 -1.17 0.00	52.84 0.35 0.00	59.47 0.49 0.00	64.11 0.97 0.00	51.34 0.77 0.00	59.42 1.08 0.00	75.89 1.40 0.00	85.02 0.77 0.00	101.82 -0.62 0.00	88.39 -0.58 0.00	85.76 -0.42 0.00	85.92 -0.81 0.00	80.73 -0.53 0.00	82.47 -0.28 0.00	95.18 -1.50 0.00	85.69 -1.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.13 2.12 0.00	55.32 2.19 0.00	52.77 2.03 0.00	48.62 1.82 0.00	47.27 1.67 0.00	52.93 1.90 0.00	63.14 2.55 0.00	156.18 5.46 0.00	113.81 2.84 0.00	53.63 1.14 0.00	60.27 1.29 0.00	64.99 1.85 0.00	52.28 1.72 0.00	60.25 1.91 0.00	76.79 2.31 0.00	86.98 2.73 0.00	106.49 4.05 0.00	92.54 3.57 0.00	89.55 3.36 0.00	90.23 3.50 0.00	84.36 3.11 0.00	85.83 3.08 0.00	100.27 3.58 0.00	90.28 3.00 0.00
PEEKSKILL___ 23653	50.45 1.45 0.00	54.58 1.45 0.00	52.07 1.34 0.00	47.96 1.15 0.00	46.63 1.04 0.00	52.20 1.17 0.00	62.16 1.57 0.00	153.61 2.89 0.00	111.93 0.95 0.00	52.81 0.32 0.00	59.37 0.39 0.00	64.07 0.93 0.00	51.58 1.01 0.00	59.34 1.00 0.00	75.57 1.08 0.00	85.50 1.25 0.00	104.60 2.16 0.00	90.83 1.86 0.00	87.80 1.61 0.00	88.45 1.72 0.00	82.71 1.46 0.00	84.23 1.49 0.00	98.50 1.82 0.00	88.74 1.47 0.00
PGE MADISON___WINDPWR 24146	49.70 0.69 0.00	53.52 0.38 0.00	50.62 -0.11 0.00	46.68 -0.13 0.00	45.59 -0.01 0.00	51.52 0.49 0.00	62.18 1.59 0.00	156.35 5.63 0.00	115.28 4.31 0.00	54.34 1.85 0.00	60.87 1.89 0.00	65.46 2.32 0.00	52.15 1.59 0.00	61.04 2.69 0.00	79.53 5.05 0.00	91.47 7.22 0.00	112.07 9.63 0.00	98.44 9.47 0.00	95.51 9.33 0.00	96.05 9.32 0.00	89.71 8.45 0.00	91.04 8.30 0.00	104.94 8.25 0.00	92.94 5.66 0.00

PIERCEFIELD___HYD 23852	49.28 0.27 0.00	53.46 0.33 0.00	51.15 0.42 0.00	47.35 0.55 0.00	46.28 0.69 0.00	51.81 0.78 0.00	61.80 1.22 0.00	153.82 3.10 0.00	112.94 1.97 0.00	53.55 1.05 0.00	60.33 1.35 0.00	64.71 1.57 0.00	51.79 1.22 0.00	59.89 1.55 0.00	75.95 1.46 0.00	85.64 1.39 0.00	104.08 1.65 0.00	90.72 1.76 0.00	87.70 1.52 0.00	88.10 1.37 0.00	82.40 1.14 0.00	83.54 0.79 0.00	98.18 1.50 0.00	89.18 1.90 0.00
PINELAWN_CC_1 323563	51.24 2.24 0.00	55.35 2.22 0.00	52.79 2.06 0.00	48.62 1.82 0.00	47.28 1.69 0.00	53.08 2.05 0.00	62.65 2.06 0.00	152.66 4.21 2.28	110.44 0.93 1.47	53.01 0.52 0.00	60.31 1.33 0.00	65.19 2.05 0.00	52.31 1.74 0.00	60.06 1.72 0.00	77.17 2.68 0.00	87.89 3.15 -0.49	107.73 4.41 -0.88	96.97 3.50 -4.50	103.20 3.63 -13.39	116.18 3.69 -25.76	113.29 3.39 -28.65	110.20 3.60 -23.85	106.23 4.34 -5.21	93.05 3.87 -1.90
PJM_GEN_HTTP_PROXY 323702	50.83 1.83 0.00	54.97 1.84 0.00	52.44 1.71 0.00	48.28 1.48 0.00	46.95 1.35 0.00	52.54 1.51 0.00	62.66 2.07 0.00	154.88 4.16 0.00	112.77 1.80 0.00	53.27 0.78 0.00	59.96 0.98 0.00	64.87 1.73 0.00	52.25 1.68 0.00	60.11 1.77 0.00	76.45 1.97 0.00	86.40 2.15 0.00	105.71 3.28 0.00	91.59 2.63 0.00	88.46 2.28 0.00	89.07 2.34 0.00	83.18 1.93 0.00	84.67 1.92 0.00	99.00 2.32 0.00	89.16 1.88 0.00
PJM_GEN_KEystone 24065	41.40 -0.60 7.00	36.87 -0.64 15.62	35.36 -0.61 14.76	42.83 -0.48 3.50	45.14 -0.45 0.00	50.41 -0.62 0.00	47.39 -0.90 12.30	148.30 -2.43 0.00	104.87 -2.29 3.82	35.73 -0.87 15.88	47.89 -0.89 10.19	51.90 -0.43 10.82	27.08 -0.21 23.28	44.67 -0.28 13.39	49.60 -0.40 24.49	49.14 -0.63 34.48	25.82 -1.20 75.42	-51.26 -1.14 139.09	68.24 -1.15 16.79	57.60 -1.17 27.96	72.34 -1.24 7.67	76.09 -1.03 5.63	68.24 -1.48 26.96	85.71 -1.57 0.00
PJM_GEN_NEPTUNE_PROXY 323594	50.81 1.80 0.00	54.93 1.79 0.00	52.39 1.65 0.00	48.26 1.45 0.00	46.93 1.33 0.00	52.62 1.59 0.00	62.27 1.68 0.00	153.81 3.09 0.00	111.41 0.44 0.00	52.79 0.29 0.00	59.84 0.86 0.00	64.69 1.55 0.00	51.97 1.40 0.00	59.72 1.38 0.00	76.48 2.00 0.00	86.84 2.20 -0.40	105.60 3.16 0.00	95.07 2.54 -3.56	98.66 2.52 -9.96	109.29 2.60 -19.96	106.88 2.36 -23.27	104.68 2.52 -19.41	104.04 3.12 -4.24	91.59 2.77 -1.55
PJM_GEN_VFT_PROXY 323633	50.68 1.67 0.00	54.79 1.66 0.00	52.27 1.54 0.00	48.13 1.33 0.00	46.82 1.22 0.00	52.42 1.38 0.00	62.52 1.93 0.00	154.51 3.79 0.00	112.52 1.54 0.00	53.14 0.65 0.00	59.75 0.77 0.00	64.60 1.46 0.00	52.02 1.45 0.00	59.82 1.48 0.00	76.06 1.57 0.00	85.87 1.62 0.00	105.10 2.66 0.00	91.15 2.18 0.00	88.01 1.83 0.00	88.63 1.90 0.00	82.74 1.49 0.00	84.22 1.47 0.00	98.49 1.81 0.00	88.69 1.41 0.00
PLATSBURG_115KV_PMLD1 355749	49.57 0.56 0.00	53.41 0.28 0.00	50.78 0.05 0.00	46.78 -0.03 0.00	45.71 0.12 0.00	51.58 0.55 0.00	61.35 0.76 0.00	153.68 2.96 0.00	112.85 1.88 0.00	53.38 0.89 0.00	60.33 1.35 0.00	64.76 1.61 0.00	52.02 1.45 0.00	60.33 1.99 0.00	77.49 3.01 0.00	87.79 3.54 0.00	106.79 4.35 0.00	93.02 4.05 0.00	90.03 3.85 0.00	90.84 4.11 0.00	85.29 4.03 0.00	86.55 3.80 0.00	101.28 4.60 0.00	91.51 4.24 0.00
PLEASANTVLY___LBMP 24000	50.47 1.47 0.00	54.63 1.49 0.00	52.13 1.40 0.00	48.02 1.22 0.00	46.65 1.05 0.00	52.18 1.14 0.00	62.15 1.56 0.00	153.46 2.74 0.00	111.91 0.93 0.00	52.75 0.26 0.00	59.31 0.33 0.00	63.97 0.82 0.00	51.47 0.91 0.00	59.28 0.94 0.00	75.52 1.04 0.00	85.48 1.23 0.00	104.50 2.06 0.00	90.71 1.74 0.00	87.76 1.57 0.00	88.43 1.70 0.00	82.75 1.50 0.00	84.25 1.50 0.00	98.55 1.87 0.00	88.86 1.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.74 1.73 0.00	54.92 1.78 0.00	52.40 1.67 0.00	48.26 1.45 0.00	46.90 1.30 0.00	52.49 1.46 0.00	62.54 1.95 0.00	154.55 3.83 0.00	112.63 1.66 0.00	53.16 0.66 0.00	59.78 0.80 0.00	64.51 1.37 0.00	51.93 1.37 0.00	59.77 1.43 0.00	76.12 1.64 0.00	86.12 1.87 0.00	105.34 2.90 0.00	91.44 2.47 0.00	88.40 2.22 0.00	89.06 2.33 0.00	83.24 1.99 0.00	84.74 1.99 0.00	99.13 2.45 0.00	89.28 2.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.74 1.73 0.00	54.92 1.78 0.00	52.40 1.67 0.00	48.26 1.45 0.00	46.90 1.30 0.00	52.49 1.46 0.00	62.54 1.95 0.00	154.55 3.83 0.00	112.63 1.66 0.00	53.16 0.66 0.00	59.78 0.80 0.00	64.51 1.37 0.00	51.93 1.37 0.00	59.77 1.43 0.00	76.12 1.64 0.00	86.12 1.87 0.00	105.34 2.90 0.00	91.44 2.47 0.00	88.40 2.22 0.00	89.06 2.33 0.00	83.24 1.99 0.00	84.74 1.99 0.00	99.13 2.45 0.00	89.28 2.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.87 1.87 0.00	55.04 1.91 0.00	52.51 1.78 0.00	48.39 1.59 0.00	47.03 1.44 0.00	52.64 1.60 0.00	62.76 2.18 0.00	155.14 4.42 0.00	113.17 2.20 0.00	53.28 0.78 0.00	59.82 0.85 0.00	64.48 1.34 0.00	51.87 1.30 0.00	59.77 1.43 0.00	76.26 1.78 0.00	86.44 2.19 0.00	105.78 3.34 0.00	91.93 2.97 0.00	88.98 2.79 0.00	89.67 2.93 0.00	83.88 2.63 0.00	85.33 2.58 0.00	99.71 3.03 0.00	89.82 2.55 0.00
POLETTI____ 23519	50.18 1.17 0.00	54.36 1.23 0.00	52.04 1.31 0.00	47.71 0.90 0.00	46.41 0.82 0.00	51.97 0.94 0.00	61.82 1.23 0.00	152.87 2.15 0.00	111.32 0.35 0.00	52.59 0.10 0.00	59.33 0.35 0.00	64.00 0.85 0.00	51.78 1.22 0.00	59.34 1.00 0.00	75.32 0.84 0.00	85.21 0.97 0.00	104.12 1.68 0.00	90.47 1.50 0.00	87.20 1.02 0.00	87.81 1.08 0.00	81.96 0.71 0.00	83.57 0.82 0.00	97.87 1.19 0.00	88.05 0.77 0.00
POMONA___ESR 323819	50.45 1.45 0.00	54.57 1.44 0.00	52.07 1.33 0.00	47.94 1.14 0.00	46.63 1.03 0.00	52.20 1.17 0.00	62.19 1.60 0.00	153.59 2.86 0.00	111.86 0.88 0.00	52.78 0.29 0.00	59.30 0.32 0.00	64.00 0.85 0.00	51.51 0.95 0.00	59.29 0.95 0.00	75.50 1.01 0.00	85.43 1.19 0.00	104.55 2.11 0.00	90.77 1.80 0.00	87.75 1.57 0.00	88.42 1.69 0.00	82.65 1.39 0.00	84.15 1.40 0.00	98.41 1.73 0.00	88.64 1.37 0.00
PORT_JEFF_3 23555	51.09 2.09 0.00	55.17 2.03 0.00	52.60 1.86 0.00	48.47 1.66 0.00	47.15 1.56 0.00	53.01 1.98 0.00	62.03 1.44 0.00	151.80 2.33 1.25	109.26 -0.90 0.81	52.22 -0.28 0.00	59.87 0.89 0.00	64.96 1.82 0.00	52.18 1.61 0.00	59.92 1.58 0.00	77.05 2.56 0.00	87.66 2.99 -0.43	113.04 3.82 -6.79	96.49 2.70 -4.82	109.04 3.21 -19.65	120.99 3.21 -31.05	109.97 3.21 -25.50	107.19 3.53 -20.90	105.62 4.38 -4.56	92.88 3.94 -1.67
PORT_JEFF_4 23616	51.09 2.09 0.00	55.17 2.03 0.00	52.60 1.86 0.00	48.47 1.66 0.00	47.15 1.56 0.00	53.01 1.98 0.00	62.03 1.44 0.00	151.80 2.33 1.25	109.26 -0.90 0.81	52.22 -0.28 0.00	59.87 0.89 0.00	64.96 1.82 0.00	52.18 1.61 0.00	59.92 1.58 0.00	77.05 2.56 0.00	87.66 2.99 -0.43	113.04 3.82 -6.79	96.49 2.70 -4.82	109.04 3.21 -19.65	120.99 3.21 -31.05	109.97 3.21 -25.50	107.19 3.53 -20.90	105.62 4.38 -4.56	92.88 3.94 -1.67

PORT_JEFF_IC 23713	51.15 2.14 0.00	55.22 2.09 0.00	52.65 1.92 0.00	48.52 1.72 0.00	47.20 1.61 0.00	53.08 2.05 0.00	62.07 1.49 0.00	150.04 2.48 3.16	108.06 -0.88 2.04	52.21 -0.29 0.00	59.92 0.94 0.00	65.06 1.91 0.00	52.24 1.68 0.00	60.01 1.67 0.00	77.19 2.71 0.00	87.76 3.08 -0.43	111.43 3.75 -5.24	96.11 2.52 -4.62	107.16 3.30 -17.67	119.22 3.49 -28.99	110.25 3.44 -25.56	107.52 3.74 -21.03	105.88 4.61 -4.59	93.08 4.12 -1.68
PPL PILGRIM_ST_GT1 24216	51.42 2.42 0.00	55.50 2.36 0.00	52.95 2.21 0.00	48.78 1.97 0.00	47.44 1.84 0.00	53.31 2.28 0.00	62.80 2.21 0.00	152.39 4.64 2.98	110.10 1.04 1.92	53.04 0.54 0.00	60.57 1.59 0.00	65.52 2.37 0.00	52.62 2.05 0.00	60.35 2.01 0.00	77.63 3.15 0.00	88.30 3.61 -0.44	112.99 4.91 -5.64	97.36 3.60 -4.79	108.74 4.04 -18.51	121.22 4.30 -30.19	111.46 3.90 -26.31	108.50 4.11 -21.64	106.35 4.95 -4.72	93.56 4.55 -1.73
PPL PILGRIM_ST_GT2 24217	51.42 2.42 0.00	55.50 2.36 0.00	52.95 2.21 0.00	48.78 1.97 0.00	47.44 1.84 0.00	53.31 2.28 0.00	62.80 2.21 0.00	152.39 4.64 2.98	110.10 1.04 1.92	53.04 0.54 0.00	60.57 1.59 0.00	65.52 2.37 0.00	52.62 2.05 0.00	60.35 2.01 0.00	77.63 3.15 0.00	88.30 3.61 -0.44	112.99 4.91 -5.64	97.36 3.60 -4.79	108.74 4.04 -18.51	121.22 4.30 -30.19	111.46 3.90 -26.31	108.50 4.11 -21.64	106.35 4.95 -4.72	93.56 4.55 -1.73
PPL_SHRM_GT3 24213	51.24 2.23 0.00	55.31 2.17 0.00	52.71 1.98 0.00	48.59 1.79 0.00	47.29 1.70 0.00	53.19 2.16 0.00	61.21 0.62 0.00	149.96 0.98 1.74	106.65 -3.20 1.12	51.05 -1.44 0.00	59.39 0.41 0.00	64.99 1.84 0.00	52.24 1.68 0.00	60.15 1.80 0.00	77.54 3.05 0.00	88.60 3.93 -0.43	114.13 5.32 -6.37	97.08 3.34 -4.78	109.96 4.64 -19.13	121.98 4.72 -30.53	111.30 4.49 -25.55	108.32 4.60 -20.97	106.78 5.52 -4.57	93.86 4.91 -1.67
PPL_SHRM_GT4 24214	51.24 2.23 0.00	55.31 2.17 0.00	52.71 1.98 0.00	48.59 1.79 0.00	47.29 1.70 0.00	53.19 2.16 0.00	61.21 0.62 0.00	149.96 0.98 1.74	106.65 -3.20 1.12	51.05 -1.44 0.00	59.39 0.41 0.00	64.99 1.84 0.00	52.24 1.68 0.00	60.15 1.80 0.00	77.54 3.05 0.00	88.60 3.93 -0.43	114.13 5.32 -6.37	97.08 3.34 -4.78	109.96 4.64 -19.13	121.98 4.72 -30.53	111.30 4.49 -25.55	108.32 4.60 -20.97	106.78 5.52 -4.57	93.86 4.91 -1.67
PROJECT___ORANGE 1 24174	47.89 -1.11 0.00	51.94 -1.20 0.00	49.60 -1.13 0.00	45.81 -1.00 0.00	44.66 -0.94 0.00	50.03 -1.01 0.00	59.44 -1.15 0.00	148.49 -2.24 0.00	109.60 -1.38 0.00	51.64 -0.85 0.00	57.81 -1.17 0.00	62.48 -0.66 0.00	49.77 -0.79 0.00	57.40 -0.95 0.00	73.47 -1.01 0.00	83.17 -1.07 0.00	100.79 -1.65 0.00	87.76 -1.20 0.00	85.03 -1.16 0.00	85.49 -1.24 0.00	80.02 -1.24 0.00	81.46 -1.28 0.00	94.80 -1.88 0.00	85.40 -1.88 0.00
PROJECT___ORANGE 2 24166	47.89 -1.11 0.00	51.94 -1.20 0.00	49.60 -1.13 0.00	45.81 -1.00 0.00	44.66 -0.94 0.00	50.03 -1.01 0.00	59.44 -1.15 0.00	148.49 -2.24 0.00	109.60 -1.38 0.00	51.64 -0.85 0.00	57.81 -1.17 0.00	62.48 -0.66 0.00	49.77 -0.79 0.00	57.40 -0.95 0.00	73.47 -1.01 0.00	83.17 -1.07 0.00	100.79 -1.65 0.00	87.76 -1.20 0.00	85.03 -1.16 0.00	85.49 -1.24 0.00	80.02 -1.24 0.00	81.46 -1.28 0.00	94.80 -1.88 0.00	85.40 -1.88 0.00
PUCKETT___SOLAR 323809	48.63 -0.37 0.00	52.76 -0.38 0.00	50.28 -0.46 0.00	46.42 -0.39 0.00	45.18 -0.41 0.00	50.69 -0.34 0.00	60.36 -0.22 0.00	150.76 0.04 0.00	110.77 -0.20 0.00	52.19 -0.30 0.00	58.43 -0.55 0.00	62.78 -0.36 0.00	49.98 -0.58 0.00	57.91 -0.43 0.00	75.11 0.62 0.00	85.67 1.42 0.00	103.53 1.09 0.00	90.71 1.74 0.00	88.00 1.82 0.00	88.54 1.81 0.00	82.76 1.50 0.00	84.29 1.55 0.00	97.74 1.05 0.00	87.57 0.29 0.00
PYRITES___HYD 24023	50.28 1.28 0.00	54.51 1.37 0.00	52.22 1.49 0.00	48.32 1.51 0.00	47.32 1.72 0.00	52.93 1.90 0.00	63.22 2.63 0.00	157.37 6.64 0.00	115.34 4.36 0.00	54.44 1.95 0.00	61.07 2.09 0.00	65.44 2.29 0.00	52.47 1.91 0.00	60.63 2.29 0.00	76.89 2.40 0.00	87.03 2.78 0.00	106.34 3.91 0.00	92.77 3.81 0.00	89.71 3.52 0.00	90.10 3.36 0.00	84.20 2.95 0.00	85.27 2.53 0.00	100.03 3.34 0.00	90.74 3.46 0.00
QUAKERRD_115KV_BK1 80622	47.01 -1.99 0.00	51.01 -2.12 0.00	48.79 -1.95 0.00	45.22 -1.58 0.00	44.22 -1.37 0.00	49.43 -1.60 0.00	58.49 -2.10 0.00	146.32 -4.41 0.00	108.40 -2.57 0.00	51.63 -0.86 0.00	57.86 -1.12 0.00	62.46 -0.68 0.00	49.92 -0.65 0.00	57.76 -0.58 0.00	73.69 -0.79 0.00	82.92 -1.33 0.00	100.22 -2.21 0.00	87.09 -1.88 0.00	84.30 -1.88 0.00	84.53 -2.20 0.00	79.26 -1.99 0.00	80.68 -2.07 0.00	93.36 -3.32 0.00	84.12 -3.16 0.00
QUENSBRY_115KV_TB8 356137	52.76 3.76 0.00	57.20 4.07 0.00	54.53 3.79 0.00	50.03 3.23 0.00	48.45 2.86 0.00	54.34 3.31 0.00	64.38 3.79 0.00	157.96 7.24 0.00	115.34 4.36 0.00	53.88 1.39 0.00	60.44 1.46 0.00	64.80 1.66 0.00	52.02 1.46 0.00	60.39 2.05 0.00	77.41 2.92 0.00	88.14 3.90 0.00	108.10 5.67 0.00	93.54 4.57 0.00	90.97 4.78 0.00	91.92 5.18 0.00	86.43 5.18 0.00	87.80 5.05 0.00	102.41 5.73 0.00	92.28 5.00 0.00
RAMAPO___LBMP 323565	50.22 1.21 0.00	54.33 1.20 0.00	51.85 1.11 0.00	47.75 0.94 0.00	46.40 0.80 0.00	51.96 0.93 0.00	61.88 1.29 0.00	152.88 2.16 0.00	111.41 0.44 0.00	52.58 0.08 0.00	59.06 0.08 0.00	63.73 0.58 0.00	51.29 0.72 0.00	59.00 0.66 0.00	75.14 0.66 0.00	85.04 0.79 0.00	104.05 1.62 0.00	90.36 1.39 0.00	87.33 1.15 0.00	88.00 1.27 0.00	82.27 1.02 0.00	83.82 1.07 0.00	98.05 1.37 0.00	88.33 1.05 0.00
RANKINE____ 23646	47.24 -1.76 0.00	51.40 -1.74 0.00	49.24 -1.50 0.00	45.84 -0.97 0.00	44.91 -0.69 0.00	49.96 -1.07 0.00	58.75 -1.84 0.00	147.43 -3.29 0.00	109.54 -1.44 0.00	52.76 0.27 0.00	59.29 0.32 0.00	64.02 0.88 0.00	51.30 0.74 0.00	59.42 1.08 0.00	75.80 1.31 0.00	84.84 0.59 0.00	101.52 -0.91 0.00	88.14 -0.83 0.00	85.46 -0.72 0.00	85.56 -1.17 0.00	80.47 -0.78 0.00	82.18 -0.57 0.00	94.80 -1.88 0.00	85.57 -1.71 0.00
RAVENSWOOD_GT2_1 24244	50.85 1.85 0.00	55.00 1.86 0.00	52.47 1.74 0.00	48.31 1.50 0.00	46.95 1.36 0.00	52.57 1.54 0.00	62.68 2.09 0.00	154.92 4.20 0.00	112.84 1.86 0.00	53.32 0.82 0.00	60.02 1.04 0.00	64.85 1.70 0.00	52.24 1.67 0.00	60.09 1.75 0.00	76.43 1.94 0.00	86.36 2.11 0.00	105.65 3.21 0.00	91.62 2.65 0.00	88.47 2.29 0.00	89.08 2.35 0.00	83.19 1.93 0.00	84.70 1.95 0.00	99.04 2.36 0.00	89.18 1.90 0.00
RAVENSWOOD_GT2_2 24245	50.85 1.85 0.00	55.00 1.86 0.00	52.47 1.74 0.00	48.31 1.50 0.00	46.95 1.36 0.00	52.57 1.54 0.00	62.68 2.09 0.00	154.92 4.20 0.00	112.84 1.86 0.00	53.32 0.82 0.00	60.02 1.04 0.00	64.85 1.70 0.00	52.24 1.67 0.00	60.09 1.75 0.00	76.43 1.94 0.00	86.36 2.11 0.00	105.65 3.21 0.00	91.62 2.65 0.00	88.47 2.29 0.00	89.08 2.35 0.00	83.19 1.93 0.00	84.70 1.95 0.00	99.04 2.36 0.00	89.18 1.90 0.00

RAVENSWOOD_GT2_3 24246	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.96 1.36 0.00	52.59 1.56 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.24 1.68 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.63 2.66 0.00	88.49 2.30 0.00	89.11 2.38 0.00	83.22 1.96 0.00	84.71 1.96 0.00	99.07 2.39 0.00	89.20 1.92 0.00
RAVENSWOOD_GT2_4 24247	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.96 1.36 0.00	52.59 1.56 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.24 1.68 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.63 2.66 0.00	88.49 2.30 0.00	89.11 2.38 0.00	83.22 1.96 0.00	84.71 1.96 0.00	99.07 2.39 0.00	89.20 1.92 0.00
RAVENSWOOD_GT3_1 24248	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.24 1.68 0.00	60.10 1.76 0.00	76.43 1.94 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.62 2.66 0.00	88.47 2.29 0.00	89.11 2.38 0.00	83.21 1.95 0.00	84.70 1.96 0.00	99.05 2.37 0.00	89.19 1.91 0.00
RAVENSWOOD_GT3_2 24249	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.24 1.68 0.00	60.10 1.76 0.00	76.43 1.94 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.62 2.66 0.00	88.47 2.29 0.00	89.11 2.38 0.00	83.21 1.95 0.00	84.70 1.96 0.00	99.05 2.37 0.00	89.19 1.91 0.00
RAVENSWOOD_GT3_3 24250	50.93 1.92 0.00	55.07 1.94 0.00	52.53 1.80 0.00	48.37 1.57 0.00	47.02 1.43 0.00	52.66 1.62 0.00	62.77 2.18 0.00	155.19 4.47 0.00	113.04 2.07 0.00	53.42 0.93 0.00	60.14 1.16 0.00	64.98 1.83 0.00	52.34 1.78 0.00	60.21 1.87 0.00	76.58 2.09 0.00	86.52 2.27 0.00	105.85 3.42 0.00	91.80 2.83 0.00	88.65 2.46 0.00	89.25 2.52 0.00	83.35 2.10 0.00	84.85 2.11 0.00	99.22 2.53 0.00	89.32 2.04 0.00
RAVENSWOOD_GT3_4 24251	50.93 1.92 0.00	55.07 1.94 0.00	52.53 1.80 0.00	48.37 1.57 0.00	47.02 1.43 0.00	52.66 1.62 0.00	62.77 2.18 0.00	155.19 4.47 0.00	113.04 2.07 0.00	53.42 0.93 0.00	60.14 1.16 0.00	64.98 1.83 0.00	52.34 1.78 0.00	60.21 1.87 0.00	76.58 2.09 0.00	86.52 2.27 0.00	105.85 3.42 0.00	91.80 2.83 0.00	88.65 2.46 0.00	89.25 2.52 0.00	83.35 2.10 0.00	84.85 2.11 0.00	99.22 2.53 0.00	89.32 2.04 0.00
RAVENSWOOD_GT_1 23729	50.96 1.96 0.00	55.13 2.00 0.00	52.60 1.87 0.00	48.42 1.61 0.00	47.06 1.46 0.00	52.72 1.68 0.00	62.76 2.17 0.00	155.24 4.51 0.00	113.09 2.12 0.00	53.45 0.95 0.00	60.20 1.22 0.00	64.99 1.84 0.00	52.39 1.83 0.00	60.23 1.89 0.00	76.50 2.01 0.00	86.45 2.20 0.00	105.77 3.33 0.00	91.75 2.78 0.00	88.55 2.36 0.00	89.16 2.43 0.00	83.23 1.97 0.00	84.76 2.02 0.00	99.12 2.44 0.00	89.22 1.94 0.00
RAVENSWOOD_GT_10 24258	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.24 1.68 0.00	60.10 1.76 0.00	76.43 1.95 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.62 2.66 0.00	88.50 2.31 0.00	89.11 2.38 0.00	83.22 1.96 0.00	84.71 1.96 0.00	99.07 2.39 0.00	89.20 1.92 0.00
RAVENSWOOD_GT_11 24259	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.24 1.68 0.00	60.10 1.76 0.00	76.43 1.95 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.62 2.66 0.00	88.50 2.31 0.00	89.11 2.38 0.00	83.22 1.96 0.00	84.71 1.96 0.00	99.07 2.39 0.00	89.20 1.92 0.00
RAVENSWOOD_GT_4 24252	50.86 1.86 0.00	55.01 1.87 0.00	52.48 1.75 0.00	48.31 1.50 0.00	46.97 1.37 0.00	52.59 1.56 0.00	62.68 2.09 0.00	154.95 4.23 0.00	112.86 1.89 0.00	53.33 0.84 0.00	60.03 1.05 0.00	64.86 1.72 0.00	52.26 1.70 0.00	60.11 1.77 0.00	76.42 1.94 0.00	86.34 2.10 0.00	105.62 3.18 0.00	91.62 2.65 0.00	88.46 2.28 0.00	89.06 2.33 0.00	83.15 1.90 0.00	84.68 1.94 0.00	99.00 2.32 0.00	89.14 1.86 0.00
RAVENSWOOD_GT_5 24254	50.86 1.86 0.00	55.01 1.87 0.00	52.48 1.75 0.00	48.31 1.50 0.00	46.97 1.37 0.00	52.59 1.56 0.00	62.68 2.09 0.00	154.95 4.23 0.00	112.86 1.89 0.00	53.33 0.84 0.00	60.03 1.05 0.00	64.86 1.72 0.00	52.26 1.70 0.00	60.11 1.77 0.00	76.42 1.94 0.00	86.34 2.10 0.00	105.62 3.18 0.00	91.62 2.65 0.00	88.46 2.28 0.00	89.06 2.33 0.00	83.15 1.90 0.00	84.68 1.94 0.00	99.00 2.32 0.00	89.14 1.86 0.00
RAVENSWOOD_GT_6 24253	50.86 1.86 0.00	55.01 1.87 0.00	52.48 1.75 0.00	48.31 1.50 0.00	46.97 1.37 0.00	52.59 1.56 0.00	62.68 2.09 0.00	154.95 4.23 0.00	112.86 1.89 0.00	53.33 0.84 0.00	60.03 1.05 0.00	64.86 1.72 0.00	52.26 1.70 0.00	60.11 1.77 0.00	76.42 1.94 0.00	86.34 2.10 0.00	105.62 3.18 0.00	91.62 2.65 0.00	88.46 2.28 0.00	89.06 2.33 0.00	83.15 1.90 0.00	84.68 1.94 0.00	99.00 2.32 0.00	89.14 1.86 0.00
RAVENSWOOD_GT_7 24255	50.86 1.86 0.00	55.01 1.87 0.00	52.48 1.75 0.00	48.31 1.50 0.00	46.97 1.37 0.00	52.59 1.56 0.00	62.68 2.09 0.00	154.95 4.23 0.00	112.86 1.89 0.00	53.33 0.84 0.00	60.03 1.05 0.00	64.86 1.72 0.00	52.26 1.70 0.00	60.11 1.77 0.00	76.42 1.94 0.00	86.34 2.10 0.00	105.62 3.18 0.00	91.62 2.65 0.00	88.46 2.28 0.00	89.06 2.33 0.00	83.15 1.90 0.00	84.68 1.94 0.00	99.00 2.32 0.00	89.14 1.86 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.24 1.68 0.00	60.10 1.76 0.00	76.43 1.95 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.62 2.66 0.00	88.50 2.31 0.00	89.11 2.38 0.00	83.22 1.96 0.00	84.71 1.96 0.00	99.07 2.39 0.00	89.20 1.92 0.00
RAVENSWOOD_GT_9 24257	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.96 1.36 0.00	52.58 1.55 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.24 1.68 0.00	60.10 1.76 0.00	76.43 1.95 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.62 2.66 0.00	88.50 2.31 0.00	89.11 2.38 0.00	83.22 1.96 0.00	84.71 1.96 0.00	99.07 2.39 0.00	89.20 1.92 0.00

RAVENSWOOD___1 23533	50.89 1.88 0.00	55.05 1.92 0.00	52.52 1.78 0.00	48.34 1.54 0.00	47.00 1.41 0.00	52.62 1.59 0.00	62.68 2.09 0.00	155.02 4.30 0.00	112.95 1.98 0.00	53.37 0.87 0.00	60.10 1.12 0.00	64.88 1.73 0.00	52.30 1.74 0.00	60.12 1.78 0.00	76.38 1.89 0.00	86.30 2.06 0.00	105.61 3.18 0.00	91.59 2.62 0.00	88.40 2.22 0.00	89.02 2.29 0.00	83.11 1.85 0.00	84.62 1.87 0.00	98.95 2.27 0.00	89.08 1.80 0.00
RAVENSWOOD___2 23534	50.89 1.88 0.00	55.05 1.92 0.00	52.52 1.78 0.00	48.34 1.54 0.00	47.00 1.41 0.00	52.62 1.59 0.00	62.68 2.09 0.00	155.02 4.30 0.00	112.95 1.98 0.00	53.37 0.87 0.00	60.10 1.12 0.00	64.88 1.73 0.00	52.30 1.74 0.00	60.12 1.78 0.00	76.38 1.89 0.00	86.30 2.06 0.00	105.61 3.18 0.00	91.59 2.62 0.00	88.40 2.22 0.00	89.02 2.29 0.00	83.11 1.85 0.00	84.62 1.87 0.00	98.95 2.27 0.00	89.08 1.80 0.00
RAVENSWOOD___3 23535	50.86 1.86 0.00	55.00 1.87 0.00	52.48 1.74 0.00	48.31 1.50 0.00	46.97 1.38 0.00	52.59 1.56 0.00	62.69 2.10 0.00	154.95 4.23 0.00	112.84 1.86 0.00	53.32 0.83 0.00	60.02 1.04 0.00	64.86 1.72 0.00	52.25 1.68 0.00	60.11 1.77 0.00	76.43 1.95 0.00	86.38 2.13 0.00	105.67 3.23 0.00	91.62 2.66 0.00	88.48 2.30 0.00	89.12 2.39 0.00	83.22 1.97 0.00	84.71 1.96 0.00	99.05 2.37 0.00	89.20 1.92 0.00
RAVENSWOOD___4 23820	50.89 1.88 0.00	55.05 1.92 0.00	52.52 1.78 0.00	48.34 1.54 0.00	47.00 1.41 0.00	52.62 1.59 0.00	62.68 2.09 0.00	155.02 4.30 0.00	112.95 1.98 0.00	53.37 0.87 0.00	60.10 1.12 0.00	64.88 1.73 0.00	52.30 1.74 0.00	60.12 1.78 0.00	76.38 1.89 0.00	86.30 2.06 0.00	105.61 3.18 0.00	91.59 2.62 0.00	88.40 2.22 0.00	89.02 2.29 0.00	83.11 1.85 0.00	84.62 1.87 0.00	98.95 2.27 0.00	89.08 1.80 0.00
RCPL_TRUST___DRP 24196	50.88 1.87 0.00	55.00 1.87 0.00	52.48 1.75 0.00	48.32 1.51 0.00	46.98 1.38 0.00	52.59 1.56 0.00	62.71 2.13 0.00	155.00 4.28 0.00	112.89 1.91 0.00	53.35 0.86 0.00	60.02 1.04 0.00	64.96 1.82 0.00	52.32 1.76 0.00	60.21 1.87 0.00	76.58 2.10 0.00	86.55 2.30 0.00	105.88 3.45 0.00	91.72 2.75 0.00	88.55 2.36 0.00	89.16 2.43 0.00	83.26 2.00 0.00	84.75 2.00 0.00	99.10 2.42 0.00	89.22 1.94 0.00
RED___ROCHESTER 323720	48.35 -0.66 0.00	52.47 -0.67 0.00	50.16 -0.57 0.00	46.55 -0.25 0.00	45.53 -0.06 0.00	50.87 -0.16 0.00	60.21 -0.37 0.00	150.79 0.07 0.00	111.94 0.96 0.00	53.45 0.96 0.00	59.91 0.93 0.00	64.63 1.49 0.00	51.67 1.11 0.00	59.82 1.48 0.00	76.32 1.84 0.00	85.73 1.49 0.00	103.55 1.11 0.00	90.05 1.08 0.00	87.16 0.97 0.00	87.33 0.60 0.00	81.90 0.64 0.00	83.34 0.59 0.00	96.24 -0.44 0.00	86.66 -0.62 0.00
REGAN___SOLAR 323812	50.82 1.81 0.00	55.05 1.92 0.00	52.51 1.78 0.00	48.45 1.65 0.00	47.28 1.69 0.00	53.11 2.08 0.00	63.46 2.88 0.00	158.45 7.73 0.00	116.22 5.25 0.00	53.47 0.98 0.00	59.92 0.94 0.00	63.77 0.63 0.00	50.93 0.36 0.00	58.88 0.53 0.00	76.21 1.73 0.00	87.89 3.64 0.00	108.01 5.57 0.00	93.76 4.80 0.00	90.82 4.63 0.00	91.25 4.52 0.00	85.30 4.05 0.00	86.73 3.98 0.00	101.24 4.56 0.00	91.04 3.76 0.00
RENSSELAER___COGEN 23796	50.14 1.13 0.00	54.34 1.21 0.00	51.91 1.18 0.00	47.85 1.05 0.00	46.43 0.83 0.00	51.75 0.71 0.00	61.34 0.75 0.00	151.17 0.44 0.00	110.71 -0.26 0.00	52.18 -0.31 0.00	58.61 -0.37 0.00	62.99 -0.15 0.00	50.63 0.07 0.00	58.43 0.09 0.00	74.38 -0.11 0.00	84.25 0.00 0.00	102.73 0.30 0.00	89.22 0.25 0.00	86.29 0.11 0.00	87.03 0.30 0.00	81.64 0.38 0.00	83.32 0.58 0.00	97.52 0.84 0.00	88.11 0.83 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.15 6.14 0.00	59.85 6.72 0.00	56.92 6.19 0.00	52.26 5.46 0.00	50.68 5.08 0.00	57.10 6.06 0.00	68.26 7.67 0.00	166.62 15.90 0.00	121.15 10.17 0.00	56.16 3.67 0.00	63.02 4.04 0.00	67.38 4.23 0.00	54.34 3.78 0.00	63.40 5.05 0.00	81.62 7.14 0.00	93.03 8.78 0.00	115.47 13.03 0.00	99.82 10.86 0.00	97.50 11.31 0.00	98.81 12.08 0.00	93.07 11.82 0.00	94.18 11.43 0.00	109.15 12.47 0.00	97.99 10.71 0.00
REVERE_CPPR_DRP 24186	49.89 0.89 0.00	54.21 1.08 0.00	51.81 1.08 0.00	47.96 1.15 0.00	46.75 1.15 0.00	52.61 1.58 0.00	63.15 2.56 0.00	163.73 13.01 0.00	120.56 9.58 0.00	56.42 3.92 0.00	63.55 4.57 0.00	68.21 5.06 0.00	54.38 3.82 0.00	62.82 4.48 0.00	81.09 6.61 0.00	92.51 8.26 0.00	113.03 10.60 0.00	98.89 9.92 0.00	95.74 9.55 0.00	96.22 9.49 0.00	89.72 8.46 0.00	91.27 8.52 0.00	105.87 9.19 0.00	94.76 7.48 0.00
REYNLDPA_13_KV_LD 356490	49.82 0.81 0.00	53.96 0.83 0.00	51.52 0.79 0.00	47.61 0.81 0.00	46.54 0.95 0.00	52.19 1.16 0.00	62.01 1.42 0.00	154.33 3.61 0.00	113.25 2.27 0.00	53.56 1.07 0.00	60.37 1.39 0.00	64.76 1.62 0.00	51.86 1.29 0.00	59.98 1.64 0.00	76.57 2.09 0.00	86.24 2.00 0.00	103.80 1.37 0.00	90.05 1.08 0.00	87.53 1.34 0.00	88.07 1.33 0.00	81.87 0.61 0.00	83.82 1.07 0.00	97.27 0.59 0.00	88.24 0.96 0.00
REYNOLDS_115KV_TB3 80639	50.42 1.42 0.00	54.68 1.54 0.00	52.21 1.48 0.00	48.14 1.33 0.00	46.70 1.10 0.00	52.09 1.06 0.00	61.74 1.15 0.00	152.10 1.39 0.00	111.42 0.44 0.00	52.44 -0.06 0.00	58.95 -0.03 0.00	63.38 0.24 0.00	50.94 0.38 0.00	58.83 0.49 0.00	74.83 0.35 0.00	84.78 0.53 0.00	103.36 0.93 0.00	89.70 0.73 0.00	86.84 0.66 0.00	87.59 0.86 0.00	82.24 0.98 0.00	83.89 1.15 0.00	98.17 1.49 0.00	88.75 1.47 0.00
RIVERBAY____ 323610	51.93 2.92 0.00	56.19 3.05 0.00	53.64 2.91 0.00	49.37 2.57 0.00	48.04 2.44 0.00	53.83 2.80 0.00	64.17 3.58 0.00	158.56 7.84 0.00	115.48 4.50 0.00	54.48 1.99 0.00	61.30 2.32 0.00	66.13 2.99 0.00	53.39 2.82 0.00	61.32 2.98 0.00	77.94 3.46 0.00	88.20 3.95 0.00	107.67 5.24 0.00	93.64 4.68 0.00	90.21 4.02 0.00	90.86 4.13 0.00	84.85 3.59 0.00	86.52 3.77 0.00	101.15 4.47 0.00	90.95 3.67 0.00
RIVERSDE_115KV_TB3 55908	50.32 1.31 0.00	54.56 1.42 0.00	52.11 1.38 0.00	48.03 1.23 0.00	46.61 1.02 0.00	51.99 0.96 0.00	61.68 1.09 0.00	152.02 1.30 0.00	111.39 0.41 0.00	52.47 -0.02 0.00	58.95 -0.03 0.00	63.37 0.23 0.00	50.93 0.37 0.00	58.81 0.47 0.00	74.87 0.38 0.00	84.81 0.56 0.00	103.44 1.00 0.00	89.79 0.82 0.00	86.84 0.66 0.00	87.60 0.87 0.00	82.20 0.94 0.00	83.82 1.08 0.00	98.05 1.37 0.00	88.58 1.30 0.00
ROARING___BROOK_WT_PWR 323790	47.94 -1.06 0.00	51.90 -1.23 0.00	49.64 -1.09 0.00	46.06 -0.74 0.00	45.03 -0.56 0.00	50.65 -0.39 0.00	60.35 -0.24 0.00	150.49 -0.23 0.00	111.00 0.02 0.00	52.46 -0.03 0.00	59.04 0.06 0.00	63.34 0.19 0.00	50.72 0.15 0.00	58.58 0.23 0.00	74.80 0.32 0.00	84.49 0.24 0.00	102.80 0.37 0.00	89.32 0.36 0.00	86.53 0.34 0.00	86.96 0.22 0.00	81.41 0.15 0.00	83.02 0.28 0.00	97.09 0.41 0.00	87.60 0.33 0.00

ROCHESRG_115KV_T4 355643	47.79 -1.21 0.00	51.89 -1.25 0.00	49.62 -1.11 0.00	46.04 -0.77 0.00	45.05 -0.54 0.00	50.26 -0.77 0.00	59.38 -1.21 0.00	148.62 -2.10 0.00	110.26 -0.71 0.00	52.66 0.17 0.00	59.04 0.06 0.00	63.69 0.55 0.00	50.94 0.38 0.00	58.96 0.62 0.00	75.20 0.72 0.00	84.47 0.22 0.00	101.91 -0.52 0.00	88.56 -0.40 0.00	85.71 -0.48 0.00	85.89 -0.84 0.00	80.59 -0.67 0.00	82.08 -0.67 0.00	94.93 -1.75 0.00	85.55 -1.73 0.00
ROCHESTER_9_IC 23652	48.14 -0.87 0.00	52.26 -0.88 0.00	49.97 -0.76 0.00	46.36 -0.44 0.00	45.38 -0.21 0.00	50.65 -0.38 0.00	59.91 -0.67 0.00	150.07 -0.65 0.00	111.36 0.39 0.00	53.18 0.69 0.00	59.60 0.62 0.00	64.30 1.16 0.00	51.42 0.85 0.00	59.52 1.18 0.00	75.93 1.44 0.00	85.28 1.03 0.00	102.98 0.54 0.00	89.52 0.55 0.00	86.62 0.43 0.00	86.81 0.08 0.00	81.41 0.15 0.00	82.87 0.12 0.00	95.74 -0.94 0.00	86.25 -1.03 0.00
ROCKVIEW_13_KV_LD 356306	50.93 1.93 0.00	55.10 1.96 0.00	52.56 1.83 0.00	48.40 1.60 0.00	47.04 1.44 0.00	52.67 1.64 0.00	62.75 2.17 0.00	155.04 4.32 0.00	112.94 1.96 0.00	53.35 0.85 0.00	60.04 1.06 0.00	64.83 1.69 0.00	52.20 1.63 0.00	60.06 1.72 0.00	76.49 2.00 0.00	86.52 2.27 0.00	105.81 3.37 0.00	91.84 2.87 0.00	88.78 2.59 0.00	89.40 2.67 0.00	83.55 2.29 0.00	85.04 2.29 0.00	99.47 2.79 0.00	89.60 2.33 0.00
ROME____115KV_TB2 80656	49.89 0.89 0.00	54.21 1.08 0.00	51.81 1.08 0.00	47.96 1.15 0.00	46.75 1.15 0.00	52.61 1.58 0.00	63.15 2.56 0.00	163.73 13.01 0.00	120.56 9.58 0.00	56.42 3.92 0.00	63.55 4.57 0.00	68.21 5.06 0.00	54.38 3.82 0.00	62.82 4.48 0.00	81.09 6.61 0.00	92.51 8.26 0.00	113.03 10.60 0.00	98.89 9.92 0.00	95.74 9.55 0.00	96.22 9.49 0.00	89.72 8.46 0.00	91.27 8.52 0.00	105.87 9.19 0.00	94.76 7.48 0.00
ROSETON___1 23587	50.38 1.37 0.00	54.54 1.40 0.00	52.05 1.32 0.00	47.93 1.13 0.00	46.58 0.99 0.00	52.10 1.07 0.00	62.05 1.46 0.00	153.30 2.58 0.00	111.80 0.83 0.00	52.72 0.23 0.00	59.27 0.29 0.00	63.92 0.78 0.00	51.43 0.86 0.00	59.22 0.88 0.00	75.44 0.96 0.00	85.37 1.12 0.00	104.34 1.91 0.00	90.59 1.62 0.00	87.62 1.44 0.00	88.30 1.57 0.00	82.61 1.35 0.00	84.14 1.39 0.00	98.38 1.70 0.00	88.70 1.42 0.00
ROSETON___2 23588	50.38 1.37 0.00	54.54 1.40 0.00	52.05 1.32 0.00	47.93 1.13 0.00	46.58 0.99 0.00	52.10 1.07 0.00	62.05 1.46 0.00	153.30 2.58 0.00	111.80 0.83 0.00	52.72 0.23 0.00	59.27 0.29 0.00	63.92 0.78 0.00	51.43 0.86 0.00	59.22 0.88 0.00	75.44 0.96 0.00	85.37 1.12 0.00	104.34 1.91 0.00	90.59 1.62 0.00	87.62 1.44 0.00	88.30 1.57 0.00	82.61 1.35 0.00	84.14 1.39 0.00	98.38 1.70 0.00	88.70 1.42 0.00
ROTTORDAM_115KV_TB3 80664	50.43 1.43 0.00	54.71 1.57 0.00	52.21 1.48 0.00	48.08 1.28 0.00	46.74 1.15 0.00	52.27 1.24 0.00	62.08 1.50 0.00	153.63 2.91 0.00	112.61 1.64 0.00	52.95 0.45 0.00	59.43 0.45 0.00	63.84 0.69 0.00	51.19 0.63 0.00	59.10 0.76 0.00	75.53 1.04 0.00	85.69 1.44 0.00	104.51 2.07 0.00	90.69 1.72 0.00	87.92 1.74 0.00	88.56 1.83 0.00	83.01 1.76 0.00	84.53 1.78 0.00	98.80 2.12 0.00	89.17 1.89 0.00
RUSSELL___1 23602	48.35 -0.66 0.00	52.47 -0.67 0.00	50.16 -0.57 0.00	46.55 -0.25 0.00	45.56 -0.04 0.00	50.87 -0.16 0.00	60.21 -0.38 0.00	150.83 0.11 0.00	111.93 0.96 0.00	53.45 0.95 0.00	59.91 0.93 0.00	64.63 1.48 0.00	51.67 1.11 0.00	59.82 1.48 0.00	76.31 1.83 0.00	85.73 1.49 0.00	103.55 1.12 0.00	90.07 1.10 0.00	87.17 0.98 0.00	87.33 0.60 0.00	81.90 0.65 0.00	83.35 0.60 0.00	96.23 -0.46 0.00	86.67 -0.61 0.00
RUSSELL___2 23532	48.35 -0.66 0.00	52.47 -0.67 0.00	50.16 -0.57 0.00	46.55 -0.25 0.00	45.56 -0.04 0.00	50.87 -0.16 0.00	60.21 -0.38 0.00	150.83 0.11 0.00	111.93 0.96 0.00	53.45 0.95 0.00	59.91 0.93 0.00	64.63 1.48 0.00	51.67 1.11 0.00	59.82 1.48 0.00	76.31 1.83 0.00	85.73 1.49 0.00	103.55 1.12 0.00	90.07 1.10 0.00	87.17 0.98 0.00	87.33 0.60 0.00	81.90 0.65 0.00	83.35 0.60 0.00	96.23 -0.46 0.00	86.67 -0.61 0.00
RUSSELL___3 23549	48.35 -0.66 0.00	52.47 -0.67 0.00	50.16 -0.57 0.00	46.55 -0.25 0.00	45.56 -0.04 0.00	50.87 -0.16 0.00	60.21 -0.38 0.00	150.83 0.11 0.00	111.93 0.96 0.00	53.45 0.95 0.00	59.91 0.93 0.00	64.63 1.48 0.00	51.67 1.11 0.00	59.82 1.48 0.00	76.31 1.83 0.00	85.73 1.49 0.00	103.55 1.12 0.00	90.07 1.10 0.00	87.17 0.98 0.00	87.33 0.60 0.00	81.90 0.65 0.00	83.35 0.60 0.00	96.23 -0.46 0.00	86.67 -0.61 0.00
RUSSELL___4 23556	48.35 -0.66 0.00	52.47 -0.67 0.00	50.16 -0.57 0.00	46.55 -0.25 0.00	45.56 -0.04 0.00	50.87 -0.16 0.00	60.21 -0.38 0.00	150.83 0.11 0.00	111.93 0.96 0.00	53.45 0.95 0.00	59.91 0.93 0.00	64.63 1.48 0.00	51.67 1.11 0.00	59.82 1.48 0.00	76.31 1.83 0.00	85.73 1.49 0.00	103.55 1.12 0.00	90.07 1.10 0.00	87.17 0.98 0.00	87.33 0.60 0.00	81.90 0.65 0.00	83.35 0.60 0.00	96.23 -0.46 0.00	86.67 -0.61 0.00
RUSSELL___STATION 23914	48.35 -0.66 0.00	52.47 -0.67 0.00	50.16 -0.57 0.00	46.55 -0.25 0.00	45.56 -0.04 0.00	50.87 -0.16 0.00	60.21 -0.38 0.00	150.83 0.11 0.00	111.93 0.96 0.00	53.45 0.95 0.00	59.91 0.93 0.00	64.63 1.48 0.00	51.67 1.11 0.00	59.82 1.48 0.00	76.31 1.83 0.00	85.73 1.49 0.00	103.55 1.12 0.00	90.07 1.10 0.00	87.17 0.98 0.00	87.33 0.60 0.00	81.90 0.65 0.00	83.35 0.60 0.00	96.23 -0.46 0.00	86.67 -0.61 0.00
S SALMON___HYD 24043	47.21 -1.79 0.00	51.16 -1.98 0.00	48.91 -1.83 0.00	45.34 -1.46 0.00	44.12 -1.47 0.00	49.60 -1.43 0.00	59.23 -1.36 0.00	149.05 -1.68 0.00	110.03 -0.94 0.00	51.70 -0.79 0.00	57.96 -1.02 0.00	62.62 -0.53 0.00	49.79 -0.77 0.00	57.42 -0.93 0.00	73.24 -1.24 0.00	83.32 -0.93 0.00	101.34 -1.10 0.00	88.47 -0.49 0.00	85.69 -0.50 0.00	86.07 -0.66 0.00	80.45 -0.80 0.00	81.95 -0.80 0.00	95.44 -1.24 0.00	85.93 -1.35 0.00
S.PERRY__115KV_TB1 80734	48.59 -0.41 0.00	52.90 -0.23 0.00	50.59 -0.14 0.00	46.96 0.16 0.00	46.02 0.43 0.00	51.57 0.53 0.00	61.55 0.96 0.00	155.41 4.69 0.00	120.74 9.76 0.00	56.66 4.17 0.00	62.57 3.59 0.00	66.88 3.73 0.00	53.88 3.32 0.00	62.33 3.99 0.00	79.62 5.14 0.00	88.46 4.21 0.00	107.49 5.06 0.00	94.50 5.54 0.00	91.54 5.35 0.00	91.67 4.94 0.00	84.97 3.72 0.00	85.78 3.03 0.00	98.02 1.34 0.00	87.69 0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.04 -1.96 0.00	51.16 -1.97 0.00	49.01 -1.73 0.00	45.64 -1.16 0.00	44.72 -0.87 0.00	49.62 -1.41 0.00	58.24 -2.35 0.00	145.90 -4.82 0.00	108.50 -2.48 0.00	52.33 -0.16 0.00	58.79 -0.19 0.00	63.49 0.35 0.00	50.88 0.32 0.00	58.95 0.61 0.00	75.13 0.64 0.00	83.99 -0.25 0.00	100.49 -1.94 0.00	87.16 -1.80 0.00	84.45 -1.73 0.00	84.54 -2.20 0.00	79.58 -1.68 0.00	81.28 -1.47 0.00	93.80 -2.89 0.00	84.73 -2.55 0.00

SAWYER___23_KV_LOAD 55526	47.04 -1.96 0.00	51.16 -1.97 0.00	49.01 -1.73 0.00	45.64 -1.16 0.00	44.72 -0.87 0.00	49.62 -1.41 0.00	58.24 -2.35 0.00	145.90 -4.82 0.00	108.50 -2.48 0.00	52.33 -0.16 0.00	58.79 -0.19 0.00	63.49 0.35 0.00	50.88 0.32 0.00	58.95 0.61 0.00	75.13 0.64 0.00	83.99 -0.25 0.00	100.49 -1.94 0.00	87.16 -1.80 0.00	84.45 -1.73 0.00	84.54 0.00 0.00	79.58 -1.68 0.00	81.28 -1.47 0.00	93.80 -2.89 0.00	84.73 -2.55 0.00
SELKIRK___I 23801	50.34 1.34 0.00	54.62 1.48 0.00	52.16 1.42 0.00	48.09 1.29 0.00	46.67 1.08 0.00	52.11 1.08 0.00	61.82 1.24 0.00	152.61 1.90 0.00	111.65 0.67 0.00	52.51 0.02 0.00	58.96 -0.02 0.00	63.41 0.27 0.00	50.94 0.38 0.00	58.80 0.46 0.00	74.99 0.51 0.00	84.98 0.73 0.00	103.65 1.21 0.00	89.98 1.02 0.00	87.08 0.89 0.00	87.83 1.09 0.00	82.34 1.09 0.00	84.00 1.26 0.00	98.30 1.62 0.00	88.82 1.54 0.00
SELKIRK___II 23799	50.09 1.09 0.00	54.34 1.21 0.00	51.91 1.17 0.00	47.83 1.03 0.00	46.43 0.83 0.00	51.79 0.76 0.00	61.46 0.87 0.00	151.75 1.03 0.00	111.13 0.15 0.00	52.38 -0.12 0.00	58.81 -0.17 0.00	63.22 0.07 0.00	50.80 0.24 0.00	58.60 0.26 0.00	74.65 0.16 0.00	84.56 0.31 0.00	103.07 0.63 0.00	89.49 0.52 0.00	86.57 0.39 0.00	87.31 0.58 0.00	81.86 0.60 0.00	83.50 0.75 0.00	97.70 1.01 0.00	88.28 1.00 0.00
SENECA OSWGO___HYD 24041	47.20 -1.80 0.00	51.19 -1.95 0.00	48.90 -1.84 0.00	45.16 -1.64 0.00	44.00 -1.59 0.00	49.30 -1.74 0.00	58.56 -2.03 0.00	146.50 -4.22 0.00	108.15 -2.83 0.00	50.71 -1.78 0.00	56.89 -2.09 0.00	61.57 -1.57 0.00	49.06 -1.50 0.00	56.52 -1.82 0.00	72.23 -2.25 0.00	81.74 -2.51 0.00	99.18 -3.26 0.00	86.37 -2.59 0.00	83.64 -2.54 0.00	84.11 -2.62 0.00	78.73 -2.52 0.00	80.17 -2.58 0.00	93.33 -3.35 0.00	84.09 -3.19 0.00
SENECA___115KV_TB3 355854	47.32 -1.68 0.00	51.48 -1.66 0.00	49.32 -1.42 0.00	45.92 -0.89 0.00	44.95 -0.65 0.00	50.04 -0.99 0.00	58.86 -1.72 0.00	147.71 -3.01 0.00	109.76 -1.22 0.00	52.85 0.36 0.00	59.41 0.43 0.00	64.15 1.01 0.00	51.39 0.83 0.00	59.53 1.19 0.00	75.94 1.46 0.00	85.00 0.76 0.00	101.71 -0.72 0.00	88.30 -0.67 0.00	85.62 -0.56 0.00	85.73 -1.00 0.00	80.61 -0.64 0.00	82.31 -0.44 0.00	95.00 -1.69 0.00	85.71 -1.57 0.00
SENECA___ENERGY 23797	48.15 -0.85 0.00	52.17 -0.96 0.00	49.88 -0.85 0.00	46.17 -0.64 0.00	45.11 -0.49 0.00	50.53 -0.50 0.00	60.00 -0.59 0.00	149.94 -0.78 0.00	110.94 -0.03 0.00	52.36 -0.13 0.00	58.62 -0.36 0.00	63.43 0.28 0.00	50.55 -0.01 0.00	58.46 0.11 0.00	74.78 0.29 0.00	84.51 0.27 0.00	102.35 -0.09 0.00	89.15 0.18 0.00	86.34 0.15 0.00	86.68 -0.05 0.00	81.14 -0.11 0.00	82.46 -0.29 0.00	95.76 -0.92 0.00	86.16 -1.12 0.00
SHOEMAKER___GT 23640	50.17 1.16 0.00	54.32 1.18 0.00	51.85 1.12 0.00	47.76 0.96 0.00	46.44 0.84 0.00	51.96 0.93 0.00	61.92 1.33 0.00	153.17 2.45 0.00	111.77 0.79 0.00	52.66 0.17 0.00	59.04 0.06 0.00	63.57 0.43 0.00	51.16 0.59 0.00	58.91 0.57 0.00	75.21 0.73 0.00	85.26 1.01 0.00	104.33 1.89 0.00	90.62 1.65 0.00	87.66 1.47 0.00	88.33 1.60 0.00	82.60 1.35 0.00	84.10 1.36 0.00	98.27 1.59 0.00	88.54 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	50.15 1.14 0.00	54.28 1.15 0.00	51.80 1.07 0.00	47.73 0.93 0.00	46.40 0.80 0.00	51.92 0.89 0.00	61.86 1.27 0.00	153.00 2.28 0.00	111.66 0.68 0.00	52.64 0.15 0.00	59.03 0.05 0.00	63.60 0.46 0.00	51.17 0.60 0.00	58.93 0.59 0.00	75.20 0.72 0.00	85.17 0.92 0.00	104.23 1.79 0.00	90.50 1.54 0.00	87.56 1.37 0.00	88.21 1.48 0.00	82.49 1.24 0.00	84.00 1.25 0.00	98.18 1.50 0.00	88.46 1.18 0.00
SHOREHAM_IC_1 23715	51.24 2.23 0.00	55.31 2.17 0.00	52.71 1.98 0.00	48.59 1.79 0.00	47.29 1.70 0.00	53.19 2.16 0.00	61.21 0.62 0.00	149.96 0.98 1.74	106.65 -3.20 1.12	51.05 -1.44 0.00	59.39 0.41 0.00	64.99 1.84 0.00	52.24 1.68 0.00	60.15 1.80 0.00	77.54 3.05 0.00	88.60 3.93 -0.43	114.13 5.32 -6.37	97.08 3.34 -4.78	109.96 4.64 -19.13	121.98 4.72 -30.53	111.30 4.49 -25.55	108.32 4.60 -20.97	106.78 5.52 -4.57	93.86 4.91 -1.67
SHOREHAM_IC_2 23716	51.24 2.23 0.00	55.31 2.17 0.00	52.71 1.98 0.00	48.59 1.79 0.00	47.28 1.69 0.00	53.18 2.15 0.00	61.21 0.62 0.00	149.94 0.96 1.74	106.65 -3.20 1.12	51.06 -1.44 0.00	59.39 0.41 0.00	64.99 1.84 0.00	52.24 1.68 0.00	60.14 1.80 0.00	77.55 3.07 0.00	88.61 3.93 -0.43	114.13 5.32 -6.37	97.06 3.32 -4.78	109.95 4.63 -19.13	121.96 4.70 -30.53	111.29 4.48 -25.55	108.31 4.60 -20.97	106.78 5.53 -4.57	93.87 4.92 -1.67
SISSONVILLE____ 23735	49.28 0.27 0.00	53.46 0.33 0.00	51.15 0.42 0.00	47.35 0.55 0.00	46.28 0.69 0.00	51.81 0.78 0.00	61.80 1.22 0.00	153.82 3.10 0.00	112.94 1.97 0.00	53.55 1.05 0.00	60.33 1.35 0.00	64.71 1.57 0.00	51.79 1.22 0.00	59.89 1.55 0.00	75.95 1.46 0.00	85.64 1.39 0.00	104.08 1.65 0.00	90.72 1.76 0.00	87.70 1.52 0.00	88.10 1.37 0.00	82.40 1.14 0.00	83.54 0.79 0.00	98.18 1.50 0.00	89.18 1.90 0.00
SITHE_IND_GS1 24169	46.99 -2.02 0.00	50.93 -2.21 0.00	48.66 -2.07 0.00	44.94 -1.87 0.00	43.80 -1.80 0.00	49.04 -1.99 0.00	58.19 -2.40 0.00	145.45 -5.27 0.00	107.57 -3.40 0.00	50.62 -1.87 0.00	56.64 -2.34 0.00	61.25 -1.89 0.00	48.79 -1.77 0.00	56.20 -2.15 0.00	71.80 -2.69 0.00	81.24 -3.01 0.00	98.58 -3.85 0.00	85.76 -3.20 0.00	83.07 -3.11 0.00	83.56 -3.17 0.00	78.25 -3.01 0.00	79.67 -3.08 0.00	92.84 -3.84 0.00	83.72 -3.56 0.00
SITHE_IND_GS2 24170	46.99 -2.02 0.00	50.93 -2.21 0.00	48.66 -2.07 0.00	44.94 -1.87 0.00	43.80 -1.80 0.00	49.04 -1.99 0.00	58.19 -2.40 0.00	145.45 -5.27 0.00	107.57 -3.40 0.00	50.62 -1.87 0.00	56.64 -2.34 0.00	61.25 -1.89 0.00	48.79 -1.77 0.00	56.20 -2.15 0.00	71.80 -2.69 0.00	81.24 -3.01 0.00	98.58 -3.85 0.00	85.76 -3.20 0.00	83.07 -3.11 0.00	83.56 -3.17 0.00	78.25 -3.01 0.00	79.67 -3.08 0.00	92.84 -3.84 0.00	83.72 -3.56 0.00
SITHE_IND_GS3 24171	46.99 -2.02 0.00	50.93 -2.21 0.00	48.66 -2.07 0.00	44.94 -1.87 0.00	43.80 -1.80 0.00	49.04 -1.99 0.00	58.19 -2.40 0.00	145.45 -5.27 0.00	107.57 -3.40 0.00	50.62 -1.87 0.00	56.64 -2.34 0.00	61.25 -1.89 0.00	48.79 -1.77 0.00	56.20 -2.15 0.00	71.80 -2.69 0.00	81.24 -3.01 0.00	98.58 -3.85 0.00	85.76 -3.20 0.00	83.07 -3.11 0.00	83.56 -3.17 0.00	78.25 -3.01 0.00	79.67 -3.08 0.00	92.84 -3.84 0.00	83.72 -3.56 0.00
SITHE_IND_GS4 24172	46.99 -2.02 0.00	50.93 -2.21 0.00	48.66 -2.07 0.00	44.94 -1.87 0.00	43.80 -1.80 0.00	49.04 -1.99 0.00	58.19 -2.40 0.00	145.45 -5.27 0.00	107.57 -3.40 0.00	50.62 -1.87 0.00	56.64 -2.34 0.00	61.25 -1.89 0.00	48.79 -1.77 0.00	56.20 -2.15 0.00	71.80 -2.69 0.00	81.24 -3.01 0.00	98.58 -3.85 0.00	85.76 -3.20 0.00	83.07 -3.11 0.00	83.56 -3.17 0.00	78.25 -3.01 0.00	79.67 -3.08 0.00	92.84 -3.84 0.00	83.72 -3.56 0.00

SITHE___BATAVIA 24024	48.49 -0.51 0.00	52.69 -0.45 0.00	50.46 -0.27 0.00	46.89 0.09 0.00	45.92 0.33 0.00	51.07 0.04 0.00	60.20 -0.39 0.00	151.16 0.44 0.00	112.33 1.36 0.00	54.09 1.59 0.00	60.50 1.52 0.00	65.22 2.08 0.00	52.08 1.52 0.00	60.43 2.09 0.00	77.08 2.59 0.00	86.19 1.94 0.00	103.84 1.40 0.00	90.34 1.37 0.00	87.54 1.35 0.00	87.56 0.83 0.00	82.32 1.06 0.00	83.80 1.05 0.00	96.63 -0.06 0.00	86.97 -0.31 0.00
SITHE___INDEPEND 23800	46.99 -2.02 0.00	50.93 -2.21 0.00	48.66 -2.07 0.00	44.94 -1.87 0.00	43.80 -1.79 0.00	49.04 -1.99 0.00	58.19 -2.39 0.00	145.45 -5.27 0.00	107.57 -3.40 0.00	50.62 -1.87 0.00	56.64 -2.34 0.00	61.25 -1.89 0.00	48.79 -1.77 0.00	56.19 -2.15 0.00	71.80 -2.69 0.00	81.24 -3.01 0.00	98.58 -3.85 0.00	85.76 -3.21 0.00	83.07 -3.11 0.00	83.56 -3.17 0.00	78.25 -3.00 0.00	79.67 -3.08 0.00	92.84 -3.84 0.00	83.73 -3.55 0.00
SITHE___MASSENA 23902	49.89 0.88 0.00	54.04 0.91 0.00	51.64 0.91 0.00	47.73 0.93 0.00	46.66 1.06 0.00	52.30 1.27 0.00	62.19 1.60 0.00	154.92 4.19 0.00	113.75 2.78 0.00	53.74 1.25 0.00	60.53 1.55 0.00	64.94 1.80 0.00	52.00 1.44 0.00	60.15 1.81 0.00	76.69 2.21 0.00	86.57 2.32 0.00	105.19 2.75 0.00	91.49 2.53 0.00	88.51 2.32 0.00	88.97 2.24 0.00	83.23 1.98 0.00	84.39 1.64 0.00	98.94 2.26 0.00	89.65 2.38 0.00
SITHE___OGDNSBRG 24021	50.45 1.45 0.00	54.67 1.53 0.00	52.35 1.61 0.00	48.40 1.60 0.00	47.41 1.81 0.00	53.09 2.06 0.00	63.32 2.74 0.00	157.71 6.99 0.00	115.56 4.59 0.00	54.43 1.94 0.00	61.03 2.05 0.00	65.48 2.34 0.00	52.50 1.94 0.00	60.64 2.30 0.00	77.04 2.55 0.00	87.21 2.96 0.00	106.70 4.27 0.00	93.03 4.07 0.00	89.97 3.78 0.00	90.35 3.62 0.00	84.47 3.22 0.00	85.53 2.79 0.00	100.27 3.59 0.00	90.89 3.61 0.00
SITHE___STERLING 23777	49.68 0.68 0.00	53.99 0.85 0.00	51.57 0.84 0.00	47.66 0.86 0.00	46.48 0.89 0.00	52.23 1.20 0.00	62.29 1.71 0.00	154.07 3.35 0.00	113.34 2.36 0.00	53.25 0.76 0.00	59.69 0.71 0.00	64.17 1.03 0.00	51.23 0.66 0.00	59.23 0.89 0.00	75.94 1.45 0.00	86.18 1.93 0.00	104.59 2.15 0.00	90.82 1.85 0.00	88.02 1.84 0.00	88.53 1.80 0.00	82.85 1.59 0.00	84.30 1.55 0.00	98.17 1.49 0.00	88.42 1.14 0.00
SLEIGHT__34_KV_TB1 80719	47.90 -1.11 0.00	51.94 -1.19 0.00	49.68 -1.05 0.00	46.03 -0.78 0.00	45.00 -0.60 0.00	50.38 -0.65 0.00	59.79 -0.80 0.00	149.53 -1.19 0.00	110.71 -0.27 0.00	52.50 0.01 0.00	58.85 -0.12 0.00	63.54 0.40 0.00	50.73 0.16 0.00	58.67 0.33 0.00	74.93 0.45 0.00	84.59 0.34 0.00	102.35 -0.08 0.00	89.08 0.11 0.00	86.21 0.03 0.00	86.48 -0.26 0.00	80.97 -0.29 0.00	82.33 -0.42 0.00	95.31 -1.38 0.00	85.82 -1.46 0.00
SMITHTWN_69_KV_BK 1 55830	51.29 2.28 0.00	55.36 2.23 0.00	52.79 2.05 0.00	48.65 1.85 0.00	47.32 1.73 0.00	53.22 2.18 0.00	62.32 1.73 0.00	146.40 3.09 7.41	105.88 -0.32 4.77	52.47 -0.03 0.00	60.17 1.19 0.00	65.26 2.11 0.00	52.40 1.84 0.00	60.15 1.81 0.00	77.41 2.93 0.00	88.08 3.41 -0.43	108.73 4.35 -1.95	96.38 3.25 -4.16	103.36 3.78 -13.40	115.09 3.89 -24.47	110.48 3.75 -25.47	107.93 4.04 -21.14	106.22 4.92 -4.61	93.36 4.40 -1.69
SOUTH CAIRO___GT 23612	52.03 3.03 0.00	56.43 3.30 0.00	53.89 3.16 0.00	49.70 2.90 0.00	48.23 2.63 0.00	53.96 2.92 0.00	64.32 3.73 0.00	159.13 8.40 0.00	116.29 5.32 0.00	54.17 1.68 0.00	60.22 1.24 0.00	64.32 1.18 0.00	51.64 1.08 0.00	59.88 1.54 0.00	76.76 2.28 0.00	88.19 3.94 0.00	108.42 5.98 0.00	94.49 5.52 0.00	91.54 5.35 0.00	92.18 5.45 0.00	86.32 5.07 0.00	88.02 5.28 0.00	102.79 6.10 0.00	92.64 5.36 0.00
SOUTH HAMPTN___IC 23720	51.06 2.05 0.00	55.12 1.99 0.00	52.49 1.76 0.00	48.40 1.59 0.00	47.14 1.55 0.00	53.08 2.04 0.00	61.36 0.77 0.00	150.80 1.26 1.18	107.38 -2.84 0.76	51.46 -1.04 0.00	59.88 0.90 0.00	65.03 1.88 0.00	52.41 1.85 0.00	60.67 2.33 0.00	78.36 3.88 0.00	89.83 5.16 -0.43	116.34 7.06 -6.84	98.82 5.02 -4.84	112.05 6.13 -19.73	124.28 6.40 -31.15	112.85 6.06 -25.53	109.55 5.88 -20.92	108.21 6.96 -4.57	95.04 6.10 -1.67
SOUTHDOW_115KV_TB1 355954	46.80 -2.21 0.00	51.10 -2.03 0.00	48.87 -1.86 0.00	45.91 -0.89 0.00	45.08 -0.51 0.00	50.30 -0.73 0.00	59.85 -0.74 0.00	151.43 0.71 0.00	112.21 1.23 0.00	53.70 1.20 0.00	60.30 1.32 0.00	65.21 2.06 0.00	52.29 1.73 0.00	60.48 2.14 0.00	77.43 2.95 0.00	87.10 2.85 0.00	104.21 1.77 0.00	90.55 1.58 0.00	88.04 1.86 0.00	88.38 1.65 0.00	82.58 1.32 0.00	84.19 1.44 0.00	97.05 0.37 0.00	87.94 0.66 0.00
SOUTHOLD_69_KV_BK 2 55809	50.52 1.51 0.00	54.55 1.41 0.00	51.87 1.14 0.00	47.83 1.03 0.00	46.59 1.00 0.00	52.53 1.50 0.00	60.82 0.23 0.00	149.44 -0.10 1.19	106.39 -3.82 0.76	51.25 -1.24 0.00	59.91 0.94 0.00	64.61 1.47 0.00	52.27 1.70 0.00	60.90 2.56 0.00	78.80 4.32 0.00	90.67 5.99 -0.43	117.59 8.32 -6.84	100.01 6.21 -4.84	113.14 7.24 -19.72	125.53 7.67 -31.14	114.04 7.25 -25.53	110.48 6.80 -20.93	109.23 7.98 -4.57	95.82 6.87 -1.67
SOUTHOLD___IC 23719	50.51 1.51 0.00	54.55 1.41 0.00	51.87 1.14 0.00	47.83 1.03 0.00	46.61 1.01 0.00	52.53 1.50 0.00	60.81 0.23 0.00	149.45 -0.08 1.19	106.39 -3.83 0.76	51.25 -1.24 0.00	59.91 0.93 0.00	64.61 1.47 0.00	52.27 1.70 0.00	60.90 2.56 0.00	78.80 4.31 0.00	90.67 5.99 -0.43	117.59 8.32 -6.84	100.01 6.21 -4.84	113.16 7.25 -19.72	125.56 7.69 -31.14	114.05 7.27 -25.53	110.48 6.81 -20.93	109.22 7.97 -4.57	95.81 6.87 -1.67
SOUTH_FORK_WT_PWR 323839	49.74 0.74 0.00	53.70 0.57 0.00	51.00 0.27 0.00	47.02 0.22 0.00	45.83 0.23 0.00	51.64 0.61 0.00	59.80 -0.79 0.00	146.91 -2.63 1.18	104.54 -5.68 0.76	50.63 -1.86 0.00	59.48 0.51 0.00	63.82 0.67 0.00	51.79 1.23 0.00	60.69 2.35 0.00	78.63 4.15 0.00	90.73 6.05 -0.43	117.79 8.51 -6.84	100.13 6.32 -4.84	113.31 7.40 -19.73	125.85 7.97 -31.14	114.38 7.59 -25.53	110.53 6.85 -20.92	109.32 8.07 -4.57	95.87 6.92 -1.67
SPIERFLS_115KV_TB 1 80737	52.49 3.49 0.00	56.91 3.77 0.00	54.25 3.52 0.00	49.76 2.96 0.00	48.20 2.60 0.00	54.00 2.97 0.00	63.86 3.27 0.00	156.77 6.04 0.00	114.54 3.57 0.00	53.57 1.08 0.00	60.11 1.13 0.00	64.44 1.29 0.00	51.73 1.16 0.00	59.94 1.60 0.00	76.81 2.33 0.00	87.42 3.17 0.00	107.07 4.64 0.00	92.71 3.74 0.00	90.09 3.91 0.00	90.96 4.23 0.00	85.54 4.28 0.00	86.93 4.18 0.00	101.47 4.79 0.00	91.49 4.21 0.00
ST LAWRENCE____ 23600	49.24 0.24 0.00	53.33 0.20 0.00	50.90 0.16 0.00	47.03 0.22 0.00	45.95 0.35 0.00	51.52 0.50 0.00	61.20 0.61 0.00	152.55 1.83 0.00	112.02 1.04 0.00	52.91 0.41 0.00	59.61 0.63 0.00	63.92 0.78 0.00	51.19 0.63 0.00	59.19 0.85 0.00	75.59 1.11 0.00	85.38 1.14 0.00	103.64 1.21 0.00	90.01 1.04 0.00	87.22 1.04 0.00	87.65 0.92 0.00	82.12 0.86 0.00	83.53 0.78 0.00	97.82 1.14 0.00	88.52 1.23 0.00

STATE_CA_115KV_115_LB 55624	50.42 1.42 0.00	54.65 1.51 0.00	52.20 1.47 0.00	48.12 1.31 0.00	46.70 1.11 0.00	52.10 1.07 0.00	61.81 1.23 0.00	152.41 1.69 0.00	111.69 0.72 0.00	52.63 0.14 0.00	59.12 0.14 0.00	63.54 0.40 0.00	51.09 0.53 0.00	58.99 0.65 0.00	75.13 0.64 0.00	85.12 0.87 0.00	103.81 1.38 0.00	90.15 1.18 0.00	87.13 0.95 0.00	87.89 1.15 0.00	82.40 1.15 0.00	84.05 1.30 0.00	98.25 1.57 0.00	88.74 1.47 0.00
STATE_ST_34_KV_LOAD 55959	48.59 -0.41 0.00	52.52 -0.62 0.00	50.26 -0.47 0.00	46.50 -0.30 0.00	45.39 -0.21 0.00	50.88 -0.16 0.00	60.51 -0.08 0.00	150.56 -0.16 0.00	111.59 0.61 0.00	52.31 -0.18 0.00	58.72 -0.26 0.00	63.43 0.29 0.00	50.56 0.00 0.00	58.28 -0.06 0.00	74.55 0.07 0.00	84.81 0.56 0.00	102.84 0.41 0.00	89.58 0.62 0.00	86.76 0.57 0.00	87.25 0.52 0.00	81.64 0.38 0.00	82.88 0.13 0.00	96.43 -0.25 0.00	86.75 -0.53 0.00
STATION_5_MISC_HYD 23604	48.14 -0.87 0.00	52.26 -0.88 0.00	49.97 -0.76 0.00	46.37 -0.44 0.00	45.36 -0.24 0.00	50.65 -0.38 0.00	59.91 -0.67 0.00	150.01 -0.71 0.00	111.36 0.39 0.00	53.18 0.69 0.00	59.60 0.62 0.00	64.30 1.16 0.00	51.42 0.85 0.00	59.53 1.19 0.00	75.93 1.45 0.00	85.29 1.04 0.00	102.98 0.54 0.00	89.51 0.54 0.00	86.62 0.44 0.00	86.81 0.08 0.00	81.41 0.15 0.00	82.86 0.11 0.00	95.75 -0.93 0.00	86.25 -1.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.09 -0.91 0.00	52.20 -0.94 0.00	49.89 -0.84 0.00	46.23 -0.57 0.00	45.20 -0.39 0.00	50.58 -0.45 0.00	59.99 -0.60 0.00	150.12 -0.61 0.00	111.15 0.18 0.00	52.78 0.29 0.00	59.08 0.10 0.00	63.80 0.65 0.00	50.94 0.38 0.00	58.95 0.60 0.00	75.29 0.80 0.00	84.85 0.60 0.00	102.67 0.23 0.00	89.32 0.35 0.00	86.48 0.30 0.00	86.78 0.05 0.00	81.29 0.04 0.00	82.69 -0.05 0.00	95.76 -0.93 0.00	86.20 -1.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.82 -1.18 0.00	51.91 -1.23 0.00	49.63 -1.10 0.00	46.04 -0.76 0.00	45.06 -0.53 0.00	50.31 -0.72 0.00	59.51 -1.08 0.00	149.03 -1.69 0.00	110.56 -0.41 0.00	52.75 0.26 0.00	59.11 0.14 0.00	63.80 0.66 0.00	51.00 0.44 0.00	59.05 0.71 0.00	75.32 0.83 0.00	84.65 0.41 0.00	102.26 -0.17 0.00	88.89 -0.08 0.00	86.01 -0.18 0.00	86.20 -0.53 0.00	80.83 -0.42 0.00	82.29 -0.46 0.00	95.12 -1.56 0.00	85.68 -1.60 0.00
STA_56___34_KV_BUS2 355983	47.82 -1.18 0.00	51.91 -1.23 0.00	49.63 -1.10 0.00	46.04 -0.76 0.00	45.06 -0.53 0.00	50.31 -0.72 0.00	59.51 -1.08 0.00	149.03 -1.69 0.00	110.56 -0.41 0.00	52.75 0.26 0.00	59.11 0.14 0.00	63.80 0.66 0.00	51.00 0.44 0.00	59.05 0.71 0.00	75.32 0.83 0.00	84.65 0.41 0.00	102.26 -0.17 0.00	88.89 -0.08 0.00	86.01 -0.18 0.00	86.20 -0.53 0.00	80.83 -0.42 0.00	82.29 -0.46 0.00	95.12 -1.56 0.00	85.68 -1.60 0.00
STA_67___115KV_BK2 355882	48.05 -0.95 0.00	52.16 -0.97 0.00	49.88 -0.85 0.00	46.29 -0.52 0.00	45.30 -0.30 0.00	50.56 -0.47 0.00	59.77 -0.82 0.00	149.67 -1.05 0.00	111.07 0.10 0.00	53.06 0.57 0.00	59.46 0.48 0.00	64.12 0.98 0.00	51.30 0.73 0.00	59.38 1.04 0.00	75.75 1.27 0.00	85.06 0.81 0.00	102.70 0.26 0.00	89.30 0.33 0.00	86.40 0.21 0.00	86.56 -0.17 0.00	81.20 -0.05 0.00	82.66 -0.08 0.00	95.54 -1.14 0.00	86.07 -1.21 0.00
STA_7___115KV_9TRANS 80674	48.35 -0.66 0.00	52.47 -0.67 0.00	50.16 -0.57 0.00	46.55 -0.25 0.00	45.56 -0.04 0.00	50.87 -0.16 0.00	60.21 -0.38 0.00	150.83 0.11 0.00	111.93 0.96 0.00	53.45 0.95 0.00	59.91 0.93 0.00	64.63 1.48 0.00	51.67 1.11 0.00	59.82 1.48 0.00	76.31 1.83 0.00	85.73 1.49 0.00	103.55 1.12 0.00	90.07 1.10 0.00	87.17 0.98 0.00	87.33 0.60 0.00	81.90 0.65 0.00	83.35 0.60 0.00	96.23 -0.46 0.00	86.67 -0.61 0.00
STA_82___115KV_TB1 80780	48.01 -1.00 0.00	52.12 -1.02 0.00	49.84 -0.89 0.00	46.26 -0.54 0.00	45.27 -0.32 0.00	50.51 -0.52 0.00	59.73 -0.86 0.00	149.52 -1.20 0.00	110.99 0.01 0.00	53.01 0.51 0.00	59.40 0.43 0.00	64.06 0.92 0.00	51.25 0.68 0.00	59.33 0.98 0.00	75.68 1.20 0.00	84.98 0.73 0.00	102.60 0.16 0.00	89.21 0.24 0.00	86.31 0.12 0.00	86.48 -0.25 0.00	81.12 -0.13 0.00	82.58 -0.17 0.00	95.45 -1.24 0.00	86.00 -1.28 0.00
STEEL___WIND 323596	47.22 -1.78 0.00	51.38 -1.75 0.00	49.22 -1.52 0.00	45.82 -0.98 0.00	44.85 -0.75 0.00	49.97 -1.06 0.00	58.78 -1.81 0.00	147.47 -3.25 0.00	109.65 -1.32 0.00	52.82 0.32 0.00	59.33 0.36 0.00	64.05 0.91 0.00	51.32 0.76 0.00	59.46 1.12 0.00	75.85 1.36 0.00	84.91 0.66 0.00	101.61 -0.83 0.00	88.19 -0.78 0.00	85.47 -0.71 0.00	85.58 -1.15 0.00	80.53 -0.73 0.00	82.23 -0.51 0.00	94.88 -1.80 0.00	85.62 -1.66 0.00
STEPHTWN_115KV_BK_2 55603	50.61 1.60 0.00	54.84 1.71 0.00	52.32 1.58 0.00	48.26 1.45 0.00	46.90 1.30 0.00	52.38 1.35 0.00	62.22 1.62 0.00	153.24 2.51 0.00	112.16 1.18 0.00	52.77 0.28 0.00	59.28 0.30 0.00	63.66 0.51 0.00	51.08 0.52 0.00	59.14 0.79 0.00	75.46 0.97 0.00	85.46 1.21 0.00	104.24 1.81 0.00	90.67 1.70 0.00	87.76 1.57 0.00	88.52 1.79 0.00	82.96 1.71 0.00	84.56 1.81 0.00	98.96 2.27 0.00	89.25 1.97 0.00
STEUBEN_REC_LFGE 323667	45.85 -3.16 0.00	50.09 -3.05 0.00	47.90 -2.83 0.00	44.52 -2.29 0.00	43.64 -1.96 0.00	48.86 -2.18 0.00	58.79 -1.80 0.00	149.31 -1.41 0.00	119.36 8.39 0.00	55.61 3.12 0.00	61.72 2.74 0.00	66.24 3.09 0.00	53.73 3.17 0.00	62.32 3.97 0.00	80.68 6.20 0.00	91.05 6.81 0.00	110.12 7.68 0.00	96.79 7.83 0.00	93.71 7.53 0.00	93.85 7.12 0.00	86.47 5.21 0.00	87.14 4.40 0.00	99.46 2.78 0.00	88.57 1.30 0.00
STILLWATER___SOLAR 323814	51.69 2.69 0.00	56.06 2.93 0.00	53.48 2.74 0.00	49.21 2.40 0.00	47.77 2.18 0.00	53.47 2.44 0.00	63.45 2.87 0.00	156.41 5.69 0.00	114.37 3.39 0.00	53.56 1.07 0.00	60.08 1.10 0.00	64.48 1.33 0.00	51.75 1.19 0.00	59.96 1.62 0.00	76.73 2.24 0.00	87.24 2.99 0.00	106.58 4.15 0.00	92.44 3.47 0.00	89.67 3.48 0.00	90.45 3.72 0.00	84.93 3.68 0.00	86.47 3.72 0.00	100.97 4.29 0.00	91.10 3.82 0.00
STONY___BROOK 24151	51.17 2.17 0.00	55.26 2.12 0.00	52.67 1.94 0.00	48.55 1.74 0.00	47.23 1.64 0.00	53.11 2.08 0.00	62.13 1.55 0.00	149.17 2.68 4.23	107.53 -0.72 2.72	52.27 -0.22 0.00	60.00 1.02 0.00	65.11 1.97 0.00	52.29 1.73 0.00	60.06 1.71 0.00	77.25 2.77 0.00	87.88 3.20 -0.43	110.86 4.02 -4.40	96.31 2.84 -4.51	106.32 3.54 -16.59	118.27 3.68 -27.86	110.37 3.56 -25.55	107.66 3.84 -21.07	105.98 4.70 -4.60	93.15 4.19 -1.68
STURGEON_POOL_HYD 23609	50.52 1.52 0.00	54.71 1.58 0.00	52.20 1.47 0.00	48.08 1.28 0.00	46.71 1.12 0.00	52.27 1.24 0.00	62.33 1.74 0.00	154.23 3.51 0.00	112.47 1.50 0.00	53.00 0.51 0.00	59.50 0.52 0.00	64.12 0.98 0.00	51.58 1.02 0.00	59.39 1.05 0.00	75.76 1.28 0.00	85.83 1.58 0.00	105.00 2.56 0.00	91.19 2.23 0.00	88.25 2.07 0.00	88.95 2.22 0.00	83.13 1.87 0.00	84.59 1.85 0.00	98.87 2.19 0.00	89.12 1.85 0.00

ST_LAW_115_BK7_LBMP 345037	49.28 0.27 0.00	53.37 0.23 0.00	50.95 0.22 0.00	47.08 0.28 0.00	46.02 0.43 0.00	51.61 0.57 0.00	61.31 0.72 0.00	152.79 2.07 0.00	112.15 1.18 0.00	52.98 0.49 0.00	59.70 0.72 0.00	64.03 0.88 0.00	51.26 0.70 0.00	59.29 0.95 0.00	75.70 1.22 0.00	85.47 1.22 0.00	103.73 1.29 0.00	90.08 1.12 0.00	87.28 1.10 0.00	87.72 0.99 0.00	82.17 0.91 0.00	83.56 0.81 0.00	97.83 1.15 0.00	88.54 1.26 0.00
ST_LAW_115_BK8_LBMP 345038	49.28 0.27 0.00	53.37 0.23 0.00	50.95 0.22 0.00	47.08 0.28 0.00	46.02 0.43 0.00	51.61 0.57 0.00	61.31 0.72 0.00	152.79 2.07 0.00	112.15 1.18 0.00	52.98 0.49 0.00	59.70 0.72 0.00	64.03 0.88 0.00	51.26 0.70 0.00	59.29 0.95 0.00	75.70 1.22 0.00	85.47 1.22 0.00	103.73 1.29 0.00	90.08 1.12 0.00	87.28 1.10 0.00	87.72 0.99 0.00	82.17 0.91 0.00	83.56 0.81 0.00	97.83 1.15 0.00	88.54 1.26 0.00
ST_LAW_230_BK5_LBMP 345035	49.24 0.24 0.00	53.33 0.20 0.00	50.90 0.16 0.00	47.03 0.22 0.00	45.95 0.35 0.00	51.52 0.50 0.00	61.20 0.61 0.00	152.55 1.83 0.00	112.02 1.04 0.00	52.91 0.41 0.00	59.61 0.63 0.00	63.92 0.78 0.00	51.19 0.63 0.00	59.19 0.85 0.00	75.59 1.11 0.00	85.38 1.14 0.00	103.64 1.21 0.00	90.01 1.04 0.00	87.22 1.04 0.00	87.65 0.92 0.00	82.12 0.86 0.00	83.53 0.78 0.00	97.82 1.14 0.00	88.52 1.23 0.00
ST_LAW_230_BK6_LBMP 345036	49.24 0.24 0.00	53.33 0.20 0.00	50.90 0.16 0.00	47.03 0.22 0.00	45.95 0.35 0.00	51.52 0.50 0.00	61.20 0.61 0.00	152.55 1.83 0.00	112.02 1.04 0.00	52.91 0.41 0.00	59.61 0.63 0.00	63.92 0.78 0.00	51.19 0.63 0.00	59.19 0.85 0.00	75.59 1.11 0.00	85.38 1.14 0.00	103.64 1.21 0.00	90.01 1.04 0.00	87.22 1.04 0.00	87.65 0.92 0.00	82.12 0.86 0.00	83.53 0.78 0.00	97.82 1.14 0.00	88.52 1.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.26 1.26 0.00	54.38 1.24 0.00	51.91 1.17 0.00	47.80 0.99 0.00	46.47 0.88 0.00	52.02 0.99 0.00	61.98 1.39 0.00	153.20 2.48 0.00	111.76 0.79 0.00	52.72 0.22 0.00	59.18 0.20 0.00	63.81 0.67 0.00	51.36 0.80 0.00	59.13 0.79 0.00	75.36 0.88 0.00	85.31 1.06 0.00	104.35 1.92 0.00	90.64 1.67 0.00	87.64 1.46 0.00	88.30 1.57 0.00	82.57 1.32 0.00	84.08 1.33 0.00	98.30 1.62 0.00	88.54 1.27 0.00
SWANROAD_115KV_TB1 355699	46.44 -2.57 0.00	50.50 -2.64 0.00	48.39 -2.34 0.00	45.05 -1.75 0.00	44.18 -1.41 0.00	48.76 -2.27 0.00	57.01 -3.58 0.00	142.70 -8.02 0.00	106.35 -4.62 0.00	51.45 -1.04 0.00	57.70 -1.28 0.00	62.36 -0.78 0.00	49.98 -0.58 0.00	57.92 -0.42 0.00	73.67 -0.82 0.00	82.07 -2.18 0.00	98.26 -4.18 0.00	85.21 -3.75 0.00	82.52 -3.67 0.00	82.55 -4.18 0.00	77.92 -3.34 0.00	79.64 -3.11 0.00	91.90 -4.79 0.00	82.99 -4.29 0.00
SYNERGY___BIOGAS 323694	48.49 -0.51 0.00	52.68 -0.45 0.00	50.46 -0.28 0.00	46.90 0.09 0.00	45.96 0.36 0.00	51.07 0.04 0.00	60.19 -0.40 0.00	151.19 0.47 0.00	112.33 1.36 0.00	54.09 1.59 0.00	60.51 1.53 0.00	65.22 2.08 0.00	52.08 1.52 0.00	60.43 2.09 0.00	77.07 2.59 0.00	86.18 1.93 0.00	103.85 1.41 0.00	90.37 1.40 0.00	87.55 1.37 0.00	87.56 0.83 0.00	82.31 1.06 0.00	83.81 1.06 0.00	96.60 -0.08 0.00	86.98 -0.29 0.00
SYRACUSE___ENERGY_ST1 323597	48.13 -0.88 0.00	52.16 -0.97 0.00	49.83 -0.90 0.00	46.02 -0.78 0.00	44.88 -0.72 0.00	50.27 -0.76 0.00	59.76 -0.83 0.00	149.22 -1.50 0.00	110.19 -0.78 0.00	51.80 -0.70 0.00	58.02 -0.95 0.00	62.71 -0.43 0.00	49.95 -0.62 0.00	57.59 -0.75 0.00	73.70 -0.78 0.00	83.53 -0.72 0.00	101.26 -1.18 0.00	88.24 -0.72 0.00	85.49 -0.70 0.00	85.99 -0.74 0.00	80.46 -0.79 0.00	81.87 -0.87 0.00	95.29 -1.39 0.00	85.82 -1.46 0.00
SYRACUSE___ENERGY_ST2 323598	48.13 -0.88 0.00	52.16 -0.97 0.00	49.83 -0.90 0.00	46.02 -0.78 0.00	44.88 -0.72 0.00	50.27 -0.76 0.00	59.76 -0.83 0.00	149.22 -1.50 0.00	110.19 -0.78 0.00	51.80 -0.70 0.00	58.02 -0.95 0.00	62.71 -0.43 0.00	49.95 -0.62 0.00	57.59 -0.75 0.00	73.70 -0.78 0.00	83.53 -0.72 0.00	101.26 -1.18 0.00	88.24 -0.72 0.00	85.49 -0.70 0.00	85.99 -0.74 0.00	80.46 -0.79 0.00	81.87 -0.87 0.00	95.29 -1.39 0.00	85.82 -1.46 0.00
SYRACUSE___POWER 24017	48.11 -0.90 0.00	52.17 -0.97 0.00	49.81 -0.92 0.00	46.00 -0.80 0.00	44.84 -0.75 0.00	50.24 -0.79 0.00	59.73 -0.86 0.00	149.20 -1.52 0.00	110.09 -0.89 0.00	51.84 -0.66 0.00	58.03 -0.94 0.00	62.68 -0.46 0.00	49.92 -0.64 0.00	57.56 -0.78 0.00	73.74 -0.75 0.00	83.56 -0.69 0.00	101.25 -1.18 0.00	88.24 -0.72 0.00	85.53 -0.65 0.00	86.01 -0.72 0.00	80.47 -0.78 0.00	81.93 -0.82 0.00	95.32 -1.36 0.00	85.83 -1.45 0.00
TALLMAN__138KV_BK151 55660	50.33 1.33 0.00	54.45 1.31 0.00	51.96 1.23 0.00	47.85 1.05 0.00	46.52 0.93 0.00	52.08 1.05 0.00	61.92 1.33 0.00	152.96 2.24 0.00	111.49 0.51 0.00	52.62 0.13 0.00	59.12 0.14 0.00	63.81 0.67 0.00	51.36 0.79 0.00	59.07 0.73 0.00	75.20 0.71 0.00	85.05 0.80 0.00	104.08 1.64 0.00	90.40 1.43 0.00	87.36 1.18 0.00	88.02 1.28 0.00	82.37 1.12 0.00	84.01 1.26 0.00	98.27 1.59 0.00	88.51 1.24 0.00
TEALLAVE_115KV_TB7 355573	47.88 -1.12 0.00	51.93 -1.21 0.00	49.60 -1.13 0.00	45.81 -0.99 0.00	44.66 -0.93 0.00	50.03 -1.01 0.00	59.44 -1.14 0.00	148.45 -2.27 0.00	109.61 -1.37 0.00	51.64 -0.85 0.00	57.81 -1.17 0.00	62.48 -0.67 0.00	49.77 -0.79 0.00	57.40 -0.94 0.00	73.45 -1.03 0.00	83.16 -1.09 0.00	100.78 -1.66 0.00	87.74 -1.23 0.00	85.01 -1.18 0.00	85.49 -1.24 0.00	80.01 -1.24 0.00	81.45 -1.30 0.00	94.79 -1.89 0.00	85.39 -1.89 0.00
TELGRAPH_34_KV_EAST 80808	47.45 -1.55 0.00	51.60 -1.54 0.00	49.42 -1.31 0.00	45.95 -0.85 0.00	45.04 -0.56 0.00	49.85 -1.18 0.00	58.52 -2.07 0.00	146.73 -3.99 0.00	109.16 -1.81 0.00	52.65 0.16 0.00	59.03 0.05 0.00	63.66 0.52 0.00	50.97 0.41 0.00	59.11 0.76 0.00	75.28 0.80 0.00	84.04 -0.21 0.00	100.81 -1.63 0.00	87.58 -1.39 0.00	84.85 -1.33 0.00	84.89 -1.84 0.00	79.95 -1.30 0.00	81.57 -1.18 0.00	94.07 -2.61 0.00	84.87 -2.41 0.00
TEMPLE___115KV_TB 2 55572	47.89 -1.11 0.00	51.94 -1.20 0.00	49.60 -1.13 0.00	45.81 -1.00 0.00	44.66 -0.94 0.00	50.03 -1.01 0.00	59.44 -1.15 0.00	148.49 -2.24 0.00	109.60 -1.38 0.00	51.64 -0.85 0.00	57.81 -1.17 0.00	62.48 -0.66 0.00	49.77 -0.79 0.00	57.40 -0.95 0.00	73.47 -1.01 0.00	83.17 -1.07 0.00	100.79 -1.65 0.00	87.76 -1.20 0.00	85.03 -1.16 0.00	85.49 -1.24 0.00	80.02 -1.24 0.00	81.46 -1.28 0.00	94.80 -1.88 0.00	85.40 -1.88 0.00
TIANA____69_KV_BK 1 55817	51.17 2.17 0.00	55.24 2.10 0.00	52.63 1.90 0.00	48.53 1.73 0.00	47.25 1.66 0.00	53.18 2.15 0.00	61.50 0.91 0.00	151.13 1.59 1.19	107.64 -2.57 0.76	51.49 -1.00 0.00	59.84 0.86 0.00	65.08 1.94 0.00	52.42 1.85 0.00	60.57 2.23 0.00	78.17 3.69 0.00	89.54 4.86 -0.43	115.88 6.61 -6.84	98.44 4.64 -4.84	111.64 5.73 -19.72	123.81 5.94 -31.14	112.44 5.66 -25.53	109.25 5.58 -20.93	107.87 6.62 -4.57	94.75 5.80 -1.67

TILDEN___115KV_TB1 80814	48.11 -0.90 0.00	52.17 -0.97 0.00	49.81 -0.92 0.00	46.00 -0.80 0.00	44.84 -0.75 0.00	50.24 -0.79 0.00	59.73 -0.86 0.00	149.20 -1.52 0.00	110.09 -0.89 0.00	51.84 -0.66 0.00	58.03 -0.94 0.00	62.68 -0.46 0.00	49.92 -0.64 0.00	57.56 -0.78 0.00	73.74 -0.75 0.00	83.56 -0.69 0.00	101.25 -1.18 0.00	88.24 -0.72 0.00	85.53 -0.65 0.00	86.01 -0.72 0.00	80.47 -0.78 0.00	81.93 -0.82 0.00	95.32 -1.36 0.00	85.83 -1.45 0.00
TRIGEN___CC 323695	51.02 2.01 0.00	55.17 2.04 0.00	52.62 1.89 0.00	48.46 1.66 0.00	47.12 1.53 0.00	52.84 1.81 0.00	62.64 2.05 0.00	154.67 3.95 0.00	112.19 1.21 0.00	53.13 0.63 0.00	60.12 1.14 0.00	64.98 1.83 0.00	52.18 1.62 0.00	60.01 1.67 0.00	76.79 2.31 0.00	87.57 2.55 -0.78	106.09 3.64 -0.01	98.97 3.00 -7.00	108.58 2.82 -19.57	128.89 2.93 -39.23	129.62 2.63 -45.73	123.68 2.78 -38.15	108.38 3.37 -8.32	93.28 2.96 -3.04
TRINITY___115KV___4 BK 55933	50.22 1.21 0.00	54.45 1.31 0.00	52.01 1.27 0.00	47.93 1.13 0.00	46.51 0.92 0.00	51.88 0.84 0.00	61.55 0.96 0.00	151.66 0.94 0.00	111.13 0.15 0.00	52.37 -0.13 0.00	58.83 -0.15 0.00	63.23 0.09 0.00	50.82 0.26 0.00	58.67 0.32 0.00	74.68 0.20 0.00	84.60 0.36 0.00	103.17 0.73 0.00	89.58 0.61 0.00	86.63 0.44 0.00	87.40 0.66 0.00	81.99 0.73 0.00	83.61 0.87 0.00	97.80 1.12 0.00	88.36 1.09 0.00
UNION___PROCESSING_DRP 323587	48.02 -0.98 0.00	52.14 -1.00 0.00	49.85 -0.88 0.00	46.27 -0.53 0.00	45.28 -0.31 0.00	50.52 -0.51 0.00	59.74 -0.85 0.00	149.62 -1.11 0.00	111.03 0.06 0.00	53.03 0.53 0.00	59.41 0.43 0.00	64.11 0.97 0.00	51.26 0.70 0.00	59.34 0.99 0.00	75.70 1.22 0.00	85.02 0.77 0.00	102.63 0.19 0.00	89.22 0.25 0.00	86.34 0.15 0.00	86.52 -0.21 0.00	81.14 -0.11 0.00	82.62 -0.13 0.00	95.49 -1.19 0.00	86.02 -1.25 0.00
UPPER HUDSON___HYD 24058	52.49 3.49 0.00	56.91 3.77 0.00	54.25 3.52 0.00	49.77 2.96 0.00	48.20 2.60 0.00	54.00 2.97 0.00	63.85 3.26 0.00	156.78 6.06 0.00	114.55 3.57 0.00	53.57 1.08 0.00	60.11 1.13 0.00	64.43 1.29 0.00	51.73 1.16 0.00	59.94 1.60 0.00	76.80 2.32 0.00	87.42 3.17 0.00	107.07 4.64 0.00	92.70 3.74 0.00	90.10 3.91 0.00	90.96 4.23 0.00	85.54 4.28 0.00	86.93 4.18 0.00	101.47 4.79 0.00	91.49 4.21 0.00
UPPER RAQUET___HYD 24056	49.28 0.28 0.00	53.47 0.33 0.00	51.15 0.42 0.00	47.35 0.55 0.00	46.28 0.69 0.00	51.81 0.78 0.00	61.80 1.22 0.00	153.79 3.07 0.00	112.95 1.97 0.00	53.55 1.05 0.00	60.33 1.35 0.00	64.71 1.57 0.00	51.79 1.22 0.00	59.89 1.55 0.00	75.95 1.46 0.00	85.63 1.39 0.00	104.08 1.65 0.00	90.72 1.76 0.00	87.70 1.52 0.00	88.10 1.37 0.00	82.40 1.14 0.00	83.55 0.80 0.00	98.17 1.49 0.00	89.18 1.90 0.00
VALLEY44_115KV_TB2 355964	47.41 -1.60 0.00	51.59 -1.55 0.00	49.36 -1.37 0.00	45.92 -0.88 0.00	44.97 -0.62 0.00	50.00 -1.03 0.00	58.73 -1.86 0.00	147.73 -2.99 0.00	108.84 -2.13 0.00	52.20 -0.29 0.00	58.97 -0.01 0.00	63.58 0.44 0.00	50.91 0.34 0.00	58.87 0.53 0.00	75.30 0.82 0.00	84.68 0.43 0.00	101.34 -1.10 0.00	87.85 -1.12 0.00	85.07 -1.11 0.00	85.41 -1.32 0.00	79.92 -1.34 0.00	81.90 -0.85 0.00	94.91 -1.77 0.00	85.43 -1.85 0.00
VALLEY___115KV_TB 1-4 80826	50.49 1.49 0.00	54.64 1.51 0.00	52.11 1.38 0.00	48.04 1.24 0.00	46.66 1.06 0.00	52.32 1.29 0.00	62.28 1.69 0.00	154.75 4.03 0.00	113.13 2.15 0.00	52.58 0.09 0.00	58.93 -0.05 0.00	63.25 0.10 0.00	50.79 0.22 0.00	58.71 0.37 0.00	75.75 1.26 0.00	86.41 2.16 0.00	106.03 3.59 0.00	92.53 3.56 0.00	89.87 3.69 0.00	90.54 3.81 0.00	84.86 3.60 0.00	86.38 3.63 0.00	100.90 4.22 0.00	90.87 3.59 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.04 2.04 0.00	55.43 2.29 0.00	52.91 2.18 0.00	48.87 2.07 0.00	47.44 1.84 0.00	53.20 2.17 0.00	63.48 2.89 0.00	157.84 7.12 0.00	115.69 4.71 0.00	54.59 2.10 0.00	61.27 2.29 0.00	65.92 2.78 0.00	53.08 2.52 0.00	61.15 2.81 0.00	78.19 3.71 0.00	88.81 4.57 0.00	108.38 5.95 0.00	93.87 4.90 0.00	91.04 4.86 0.00	91.65 4.92 0.00	85.77 4.52 0.00	87.38 4.63 0.00	101.95 5.27 0.00	91.67 4.39 0.00
VISCHER___FERRY HYD 24020	50.91 1.91 0.00	55.22 2.09 0.00	52.70 1.97 0.00	48.53 1.73 0.00	47.10 1.51 0.00	52.63 1.60 0.00	62.46 1.88 0.00	153.90 3.18 0.00	112.70 1.72 0.00	52.97 0.47 0.00	59.51 0.53 0.00	63.94 0.79 0.00	51.34 0.77 0.00	59.38 1.04 0.00	75.68 1.20 0.00	85.80 1.56 0.00	104.68 2.24 0.00	90.85 1.88 0.00	88.06 2.13 0.00	88.87 2.23 0.00	83.49 2.32 0.00	85.07 2.32 0.00	99.48 2.81 0.00	89.84 2.56 0.00
V_A_10_SYNC_DSASP 323832	47.05 -1.95 0.00	51.15 -1.98 0.00	48.96 -1.78 0.00	45.53 -1.27 0.00	44.59 -1.00 0.00	49.51 -1.53 0.00	58.15 -2.44 0.00	145.41 -5.31 0.00	108.01 -2.96 0.00	51.95 -0.54 0.00	58.33 -0.65 0.00	63.01 -0.13 0.00	50.45 -0.12 0.00	58.43 0.09 0.00	74.43 -0.06 0.00	83.32 -0.93 0.00	99.96 -2.47 0.00	86.68 -2.29 0.00	83.91 -2.28 0.00	84.04 -2.70 0.00	79.03 -2.23 0.00	80.67 -2.07 0.00	93.18 -3.50 0.00	84.21 -3.07 0.00
V_CMM_10_SYNC_DSASP 323787	49.55 0.54 0.00	53.66 0.53 0.00	51.25 0.51 0.00	47.35 0.54 0.00	46.29 0.69 0.00	51.90 0.87 0.00	61.67 1.08 0.00	153.63 2.91 0.00	112.72 1.75 0.00	53.29 0.80 0.00	60.03 1.05 0.00	64.40 1.26 0.00	51.56 1.00 0.00	59.64 1.29 0.00	76.14 1.66 0.00	85.88 1.63 0.00	103.81 1.37 0.00	90.10 1.13 0.00	87.44 1.25 0.00	87.93 1.20 0.00	82.07 0.81 0.00	83.70 0.96 0.00	97.61 0.93 0.00	88.44 1.16 0.00
V_CMP_10_SYNC_DSASP 323788	49.57 0.56 0.00	53.41 0.28 0.00	50.78 0.05 0.00	46.78 -0.03 0.00	45.71 0.12 0.00	51.58 0.55 0.00	61.35 0.76 0.00	153.68 2.96 0.00	112.85 1.88 0.00	53.38 0.89 0.00	60.33 1.35 0.00	64.76 1.61 0.00	52.02 1.45 0.00	60.33 1.99 0.00	77.49 3.01 0.00	87.79 3.54 0.00	106.79 4.35 0.00	93.02 4.05 0.00	90.03 3.85 0.00	90.84 4.11 0.00	85.29 4.03 0.00	86.55 3.80 0.00	101.28 4.60 0.00	91.51 4.24 0.00
V_D_10_SYNC_DSASP 323841	49.88 0.87 0.00	54.04 0.90 0.00	51.62 0.88 0.00	47.71 0.91 0.00	46.65 1.05 0.00	52.30 1.27 0.00	62.17 1.58 0.00	154.89 4.17 0.00	113.75 2.78 0.00	53.73 1.24 0.00	60.53 1.55 0.00	64.93 1.78 0.00	51.99 1.42 0.00	60.14 1.80 0.00	76.68 2.19 0.00	86.56 2.31 0.00	105.18 2.75 0.00	91.49 2.52 0.00	88.50 2.31 0.00	88.94 2.21 0.00	83.23 1.97 0.00	84.38 1.64 0.00	98.95 2.26 0.00	89.66 2.38 0.00
V_E_10_SYNC_DSASP 323830	49.70 0.69 0.00	53.52 0.38 0.00	50.62 -0.11 0.00	46.68 -0.13 0.00	45.59 -0.01 0.00	51.52 0.49 0.00	62.18 1.59 0.00	156.35 5.63 0.00	115.28 4.31 0.00	54.34 1.85 0.00	60.87 1.89 0.00	65.46 2.32 0.00	52.15 1.59 0.00	61.04 2.69 0.00	79.53 5.05 0.00	91.47 7.22 0.00	112.07 9.63 0.00	98.44 9.47 0.00	95.51 9.33 0.00	96.05 9.32 0.00	89.71 8.45 0.00	91.04 8.30 0.00	104.94 8.25 0.00	92.94 5.66 0.00

V_F_30_NSYNC___DSASP 323816	51.73 2.73 0.00	56.10 2.96 0.00	53.53 2.79 0.00	49.24 2.43 0.00	47.81 2.21 0.00	53.52 2.49 0.00	63.53 2.94 0.00	156.58 5.86 0.00	114.55 3.57 0.00	53.66 1.17 0.00	60.22 1.24 0.00	64.61 1.47 0.00	51.86 1.30 0.00	60.09 1.75 0.00	76.88 2.39 0.00	87.36 3.11 0.00	106.74 4.30 0.00	92.56 3.60 0.00	89.81 3.62 0.00	90.56 3.83 0.00	85.02 3.77 0.00	86.55 3.80 0.00	101.06 4.38 0.00	91.17 3.89 0.00
V_F_30_SYNC_DSASP 323786	50.41 1.41 0.00	54.64 1.51 0.00	52.20 1.47 0.00	48.11 1.31 0.00	46.70 1.11 0.00	52.09 1.06 0.00	61.80 1.22 0.00	152.37 1.64 0.00	111.67 0.70 0.00	52.62 0.13 0.00	59.12 0.14 0.00	63.53 0.39 0.00	51.08 0.51 0.00	58.98 0.64 0.00	75.13 0.64 0.00	85.10 0.85 0.00	103.80 1.36 0.00	90.13 1.16 0.00	87.10 0.91 0.00	87.88 1.15 0.00	82.40 1.14 0.00	84.03 1.29 0.00	98.24 1.56 0.00	88.73 1.45 0.00
V_XM_10_SYNC_DSASP 323789	49.57 0.56 0.00	53.41 0.28 0.00	50.78 0.05 0.00	46.78 -0.03 0.00	45.71 0.12 0.00	51.58 0.55 0.00	61.35 0.76 0.00	153.68 2.96 0.00	112.85 1.88 0.00	53.38 0.89 0.00	60.33 1.35 0.00	64.76 1.61 0.00	52.02 1.45 0.00	60.33 1.99 0.00	77.49 3.01 0.00	87.79 3.54 0.00	106.79 4.35 0.00	93.02 4.05 0.00	90.03 3.85 0.00	90.84 4.11 0.00	85.29 4.03 0.00	86.55 3.80 0.00	101.28 4.60 0.00	91.51 4.24 0.00
W.BABYLN_69_KV_BK1 56697	51.65 2.64 0.00	55.78 2.64 0.00	53.20 2.47 0.00	49.00 2.19 0.00	47.64 2.04 0.00	53.52 2.49 0.00	63.17 2.58 0.00	154.10 5.58 2.20	111.38 1.82 1.42	53.39 0.89 0.00	60.79 1.81 0.00	65.72 2.58 0.00	52.77 2.20 0.00	60.59 2.24 0.00	77.89 3.41 0.00	88.74 4.00 -0.49	109.46 5.48 -1.54	97.99 4.39 -4.64	105.18 4.62 -14.38	118.39 4.72 -26.93	114.55 4.32 -28.97	111.37 4.54 -24.08	107.34 5.40 -5.25	93.98 4.78 -1.92
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.64 1.63 0.00	54.78 1.65 0.00	52.26 1.53 0.00	48.13 1.33 0.00	46.80 1.21 0.00	52.40 1.37 0.00	62.41 1.82 0.00	154.17 3.45 0.00	112.35 1.38 0.00	53.00 0.50 0.00	59.56 0.58 0.00	64.28 1.14 0.00	51.74 1.17 0.00	59.55 1.21 0.00	75.86 1.37 0.00	85.83 1.58 0.00	105.00 2.57 0.00	91.20 2.23 0.00	88.16 1.98 0.00	88.84 2.11 0.00	83.06 1.81 0.00	84.59 1.84 0.00	98.91 2.23 0.00	89.05 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.90 1.89 0.00	55.03 1.90 0.00	52.50 1.77 0.00	48.34 1.54 0.00	46.99 1.39 0.00	52.61 1.57 0.00	62.76 2.17 0.00	155.10 4.38 0.00	112.95 1.97 0.00	53.37 0.88 0.00	60.08 1.10 0.00	64.99 1.84 0.00	52.32 1.76 0.00	60.21 1.87 0.00	76.58 2.10 0.00	86.55 2.30 0.00	105.89 3.45 0.00	91.75 2.78 0.00	88.60 2.41 0.00	89.20 2.47 0.00	83.30 2.05 0.00	84.79 2.05 0.00	99.14 2.46 0.00	89.27 1.99 0.00
W50THST__13_KV_LOAD 356117	51.06 2.06 0.00	55.21 2.07 0.00	52.67 1.94 0.00	48.50 1.69 0.00	47.15 1.56 0.00	52.80 1.76 0.00	63.00 2.41 0.00	155.71 4.99 0.00	113.47 2.49 0.00	53.64 1.14 0.00	60.38 1.40 0.00	65.33 2.19 0.00	52.60 2.04 0.00	60.53 2.19 0.00	77.02 2.54 0.00	86.99 2.74 0.00	106.42 3.98 0.00	92.21 3.25 0.00	89.03 2.84 0.00	89.60 2.87 0.00	83.65 2.39 0.00	85.13 2.38 0.00	99.51 2.83 0.00	89.59 2.31 0.00
WADING RIVER_IC_1 23522	51.23 2.23 0.00	55.30 2.17 0.00	52.70 1.97 0.00	48.59 1.79 0.00	47.29 1.70 0.00	53.19 2.15 0.00	61.07 0.48 0.00	150.42 0.81 1.11	106.78 -3.49 0.71	50.92 -1.57 0.00	59.35 0.37 0.00	65.01 1.87 0.00	52.26 1.70 0.00	60.21 1.87 0.00	77.63 3.14 0.00	88.72 4.05 -0.43	114.75 5.41 -6.91	97.12 3.31 -4.84	110.76 4.76 -19.81	122.85 4.89 -31.22	111.41 4.63 -25.52	108.34 4.68 -20.91	106.85 5.61 -4.56	93.92 4.97 -1.67
WADING RIVER_IC_2 23547	51.23 2.23 0.00	55.30 2.17 0.00	52.70 1.97 0.00	48.59 1.79 0.00	47.29 1.70 0.00	53.19 2.15 0.00	61.07 0.48 0.00	150.42 0.81 1.11	106.78 -3.49 0.71	50.92 -1.57 0.00	59.35 0.37 0.00	65.01 1.87 0.00	52.26 1.70 0.00	60.21 1.87 0.00	77.63 3.14 0.00	88.72 4.05 -0.43	114.75 5.41 -6.91	97.12 3.31 -4.84	110.76 4.76 -19.81	122.85 4.89 -31.22	111.41 4.63 -25.52	108.34 4.68 -20.91	106.85 5.61 -4.56	93.92 4.97 -1.67
WADING RIVER_IC_3 23601	51.23 2.23 0.00	55.30 2.17 0.00	52.70 1.97 0.00	48.59 1.79 0.00	47.29 1.70 0.00	53.19 2.15 0.00	61.07 0.48 0.00	150.42 0.81 1.11	106.78 -3.49 0.71	50.92 -1.57 0.00	59.35 0.37 0.00	65.01 1.87 0.00	52.26 1.70 0.00	60.21 1.87 0.00	77.63 3.14 0.00	88.72 4.05 -0.43	114.75 5.41 -6.91	97.12 3.31 -4.84	110.76 4.76 -19.81	122.85 4.89 -31.22	111.41 4.63 -25.52	108.34 4.68 -20.91	106.85 5.61 -4.56	93.92 4.97 -1.67
WALDENNY_12_KV_BK2 80841	47.34 -1.66 0.00	51.49 -1.65 0.00	49.33 -1.40 0.00	45.94 -0.87 0.00	45.01 -0.58 0.00	50.03 -1.00 0.00	58.81 -1.78 0.00	147.58 -3.14 0.00	109.76 -1.22 0.00	52.90 0.41 0.00	59.43 0.45 0.00	64.15 1.01 0.00	51.41 0.84 0.00	59.56 1.22 0.00	75.98 1.49 0.00	84.97 0.72 0.00	101.71 -0.72 0.00	88.30 -0.67 0.00	85.60 -0.58 0.00	85.69 -1.04 0.00	80.60 -0.65 0.00	82.32 -0.42 0.00	94.95 -1.73 0.00	85.64 -1.64 0.00
WALDEN__HYDRO 24148	50.55 1.55 0.00	54.71 1.57 0.00	52.21 1.48 0.00	48.09 1.28 0.00	46.76 1.16 0.00	52.33 1.30 0.00	62.37 1.79 0.00	154.22 3.50 0.00	112.47 1.50 0.00	52.99 0.49 0.00	59.45 0.48 0.00	64.06 0.92 0.00	51.55 0.99 0.00	59.37 1.02 0.00	75.76 1.28 0.00	85.84 1.59 0.00	105.08 2.64 0.00	91.28 2.31 0.00	88.32 2.14 0.00	89.01 2.28 0.00	83.24 1.99 0.00	84.74 1.99 0.00	99.02 2.34 0.00	89.20 1.92 0.00
WARRENSBURG____ 23737	52.49 3.49 0.00	56.91 3.77 0.00	54.25 3.52 0.00	49.76 2.96 0.00	48.20 2.60 0.00	54.00 2.97 0.00	63.86 3.27 0.00	156.77 6.04 0.00	114.54 3.57 0.00	53.57 1.08 0.00	60.11 1.13 0.00	64.44 1.29 0.00	51.73 1.16 0.00	59.94 1.60 0.00	76.81 2.33 0.00	87.42 3.17 0.00	107.07 4.64 0.00	92.71 3.74 0.00	90.09 3.91 0.00	90.96 4.23 0.00	85.54 4.28 0.00	86.93 4.18 0.00	101.47 4.79 0.00	91.49 4.21 0.00
WATERSIDE____6 8 9 23538	50.89 1.88 0.00	55.05 1.92 0.00	52.52 1.78 0.00	48.34 1.54 0.00	46.98 1.39 0.00	52.63 1.59 0.00	62.68 2.09 0.00	155.01 4.29 0.00	112.96 1.98 0.00	53.36 0.87 0.00	60.10 1.12 0.00	64.88 1.73 0.00	52.30 1.74 0.00	60.12 1.78 0.00	76.38 1.90 0.00	86.30 2.06 0.00	105.61 3.18 0.00	91.59 2.63 0.00	88.40 2.22 0.00	89.02 2.29 0.00	83.09 1.84 0.00	84.62 1.88 0.00	98.96 2.28 0.00	89.09 1.81 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.12 1.11 0.00	54.29 1.16 0.00	51.80 1.06 0.00	47.76 0.95 0.00	46.42 0.82 0.00	52.01 0.98 0.00	61.87 1.28 0.00	153.70 2.98 0.00	112.54 1.56 0.00	52.53 0.04 0.00	58.91 -0.07 0.00	63.22 0.08 0.00	50.71 0.15 0.00	58.58 0.23 0.00	75.34 0.86 0.00	85.78 1.54 0.00	105.00 2.56 0.00	91.51 2.54 0.00	88.78 2.59 0.00	89.43 2.70 0.00	83.82 2.57 0.00	85.35 2.60 0.00	99.69 3.01 0.00	89.82 2.54 0.00

WDELAWARE___HYD 323627	50.03 1.02 0.00	54.26 1.12 0.00	51.80 1.07 0.00	47.70 0.90 0.00	46.40 0.81 0.00	51.96 0.93 0.00	62.02 1.43 0.00	153.44 2.72 0.00	111.34 0.36 0.00	52.22 -0.27 0.00	58.37 -0.61 0.00	62.78 -0.36 0.00	50.49 -0.08 0.00	58.21 -0.13 0.00	74.53 0.04 0.00	84.65 0.40 0.00	103.86 1.43 0.00	90.30 1.33 0.00	87.37 1.19 0.00	88.07 1.34 0.00	82.32 1.07 0.00	83.76 1.01 0.00	97.74 1.06 0.00	87.98 0.70 0.00
WEST BABYLON___IC 23714	51.65 2.64 0.00	55.78 2.64 0.00	53.20 2.47 0.00	49.00 2.19 0.00	47.64 2.04 0.00	53.52 2.49 0.00	63.17 2.58 0.00	154.10 5.58 2.20	111.38 1.82 1.42	53.39 0.89 0.00	60.79 1.81 0.00	65.72 2.58 0.00	52.77 2.20 0.00	60.59 2.24 0.00	77.89 3.41 0.00	88.74 4.00 -0.49	109.46 5.48 -1.54	97.99 4.39 -4.64	105.18 4.62 -14.38	118.39 4.72 -26.93	114.55 4.32 -28.97	111.37 4.54 -24.08	107.34 5.40 -5.25	93.98 4.78 -1.92
WEST CANADA___HYD 24049	49.06 0.05 0.00	53.24 0.10 0.00	50.84 0.10 0.00	46.89 0.08 0.00	45.64 0.04 0.00	51.08 0.05 0.00	60.62 0.03 0.00	150.72 0.00 0.00	110.82 -0.15 0.00	52.31 -0.18 0.00	58.76 -0.22 0.00	63.04 -0.10 0.00	50.51 -0.05 0.00	58.28 -0.06 0.00	74.43 -0.05 0.00	84.19 -0.06 0.00	102.48 0.05 0.00	89.02 0.06 0.00	86.24 0.05 0.00	86.82 0.09 0.00	81.34 0.08 0.00	82.85 0.10 0.00	96.82 0.14 0.00	87.37 0.09 0.00
WESTERN_NY_WIND 24143	48.42 -0.59 0.00	52.61 -0.53 0.00	50.39 -0.34 0.00	46.82 0.02 0.00	45.91 0.31 0.00	51.00 -0.04 0.00	60.08 -0.51 0.00	150.89 0.17 0.00	112.14 1.16 0.00	54.00 1.51 0.00	60.40 1.42 0.00	65.11 1.97 0.00	52.02 1.46 0.00	60.33 1.99 0.00	76.93 2.45 0.00	86.05 1.80 0.00	103.67 1.23 0.00	90.19 1.22 0.00	87.39 1.20 0.00	87.40 0.67 0.00	82.16 0.91 0.00	83.68 0.93 0.00	96.44 -0.24 0.00	86.84 -0.44 0.00
WESTOVER___LESR 323668	48.27 -0.73 0.00	52.42 -0.72 0.00	50.03 -0.70 0.00	46.20 -0.60 0.00	44.99 -0.60 0.00	50.37 -0.67 0.00	59.77 -0.82 0.00	149.07 -1.66 0.00	109.56 -1.41 0.00	51.80 -0.70 0.00	58.22 -0.76 0.00	62.76 -0.38 0.00	49.87 -0.69 0.00	57.66 -0.68 0.00	74.14 -0.35 0.00	84.15 -0.10 0.00	101.01 -1.43 0.00	88.44 -0.53 0.00	85.80 -0.38 0.00	86.35 -0.38 0.00	80.68 -0.57 0.00	82.33 -0.42 0.00	95.72 -0.96 0.00	86.15 -1.13 0.00
WETHRSFD_WT_PWR 323626	45.83 -3.18 0.00	49.90 -3.23 0.00	47.89 -2.85 0.00	44.50 -2.31 0.00	43.55 -2.04 0.00	48.69 -2.34 0.00	57.81 -2.78 0.00	145.61 -5.12 0.00	107.71 -3.27 0.00	51.56 -0.94 0.00	57.84 -1.14 0.00	62.55 -0.59 0.00	50.30 -0.26 0.00	58.34 0.00 0.00	74.66 0.17 0.00	83.86 -0.39 0.00	100.45 -1.99 0.00	87.28 -1.69 0.00	84.62 -1.57 0.00	84.80 -1.93 0.00	79.46 -1.79 0.00	81.09 -1.65 0.00	93.67 -3.01 0.00	84.35 -2.93 0.00
WHAVSTOR_138KV_BK127 55557	50.37 1.36 0.00	54.49 1.36 0.00	51.99 1.26 0.00	47.88 1.07 0.00	46.54 0.94 0.00	52.10 1.07 0.00	62.00 1.41 0.00	153.06 2.34 0.00	111.49 0.51 0.00	52.61 0.12 0.00	59.12 0.13 0.00	63.79 0.64 0.00	51.33 0.77 0.00	59.08 0.74 0.00	75.24 0.76 0.00	85.12 0.87 0.00	104.15 1.72 0.00	90.43 1.46 0.00	87.42 1.24 0.00	88.09 1.35 0.00	82.37 1.12 0.00	83.93 1.18 0.00	98.18 1.50 0.00	88.45 1.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.37 1.36 0.00	54.49 1.36 0.00	51.99 1.26 0.00	47.88 1.07 0.00	46.54 0.94 0.00	52.10 1.07 0.00	62.00 1.41 0.00	153.06 2.34 0.00	111.49 0.51 0.00	52.61 0.12 0.00	59.12 0.13 0.00	63.79 0.64 0.00	51.33 0.77 0.00	59.08 0.74 0.00	75.24 0.76 0.00	85.12 0.87 0.00	104.15 1.72 0.00	90.43 1.46 0.00	87.42 1.24 0.00	88.09 1.35 0.00	82.37 1.12 0.00	83.93 1.18 0.00	98.18 1.50 0.00	88.45 1.17 0.00
WHITEHAL_115KV_TB1 80871	53.63 4.63 0.00	58.13 4.99 0.00	55.33 4.59 0.00	50.84 4.04 0.00	49.16 3.57 0.00	55.35 4.31 0.00	65.92 5.33 0.00	160.67 9.95 0.00	117.01 6.04 0.00	54.41 1.92 0.00	61.09 2.11 0.00	65.41 2.27 0.00	52.64 2.07 0.00	61.49 3.14 0.00	78.96 4.47 0.00	89.97 5.72 0.00	110.99 8.55 0.00	95.51 6.54 0.00	93.38 7.20 0.00	94.80 8.07 0.00	89.30 8.05 0.00	90.63 7.88 0.00	105.40 8.71 0.00	94.80 7.52 0.00
WHITEPLN_13_KV_LOAD 356215	51.04 2.03 0.00	55.21 2.08 0.00	52.67 1.93 0.00	48.50 1.70 0.00	47.16 1.56 0.00	52.82 1.79 0.00	62.98 2.39 0.00	155.73 5.00 0.00	113.48 2.51 0.00	53.55 1.05 0.00	60.20 1.22 0.00	65.00 1.86 0.00	52.32 1.76 0.00	60.22 1.87 0.00	76.72 2.24 0.00	86.84 2.59 0.00	106.29 3.85 0.00	92.28 3.31 0.00	89.22 3.04 0.00	89.85 3.11 0.00	83.95 2.69 0.00	85.42 2.67 0.00	99.85 3.17 0.00	89.89 2.61 0.00
WM_FLOYD_69_KV_BK2 356380	51.29 2.28 0.00	55.36 2.23 0.00	52.77 2.03 0.00	48.65 1.85 0.00	47.34 1.74 0.00	53.25 2.22 0.00	61.84 1.25 0.00	151.33 2.18 1.57	108.27 -1.70 1.01	51.75 -0.74 0.00	59.72 0.75 0.00	65.03 1.89 0.00	52.26 1.69 0.00	60.12 1.78 0.00	77.51 3.02 0.00	88.49 3.81 -0.43	114.03 5.10 -6.49	97.31 3.55 -4.80	109.88 4.39 -19.30	121.93 4.48 -30.72	111.11 4.27 -25.58	108.14 4.41 -20.98	106.59 5.33 -4.58	93.70 4.75 -1.67
WOODARD___115KV_TB2 355635	47.83 -1.17 0.00	51.87 -1.27 0.00	49.55 -1.19 0.00	45.75 -1.05 0.00	44.59 -1.01 0.00	49.95 -1.09 0.00	59.35 -1.24 0.00	148.28 -2.44 0.00	109.46 -1.52 0.00	51.53 -0.97 0.00	57.69 -1.28 0.00	62.36 -0.78 0.00	49.69 -0.88 0.00	57.30 -1.05 0.00	73.28 -1.20 0.00	82.96 -1.29 0.00	100.59 -1.85 0.00	87.59 -1.38 0.00	84.86 -1.33 0.00	85.32 -1.41 0.00	79.86 -1.39 0.00	81.33 -1.42 0.00	94.67 -2.01 0.00	85.30 -1.97 0.00
WOODMERE_69_KV_BK1 55827	51.61 2.61 0.00	55.81 2.67 0.00	53.23 2.49 0.00	49.02 2.22 0.00	47.68 2.08 0.00	53.50 2.46 0.00	63.45 2.86 0.00	156.80 6.08 0.00	113.75 2.77 0.00	53.83 1.34 0.00	60.90 1.92 0.00	65.84 2.69 0.00	52.84 2.27 0.00	60.83 2.49 0.00	77.88 3.40 0.00	88.84 3.85 -0.74	107.72 5.28 -0.01	100.09 4.51 -6.61	108.90 4.24 -18.48	128.11 4.33 -37.05	128.40 3.95 -43.18	122.81 4.04 -36.03	109.36 4.82 -7.86	94.31 4.16 -2.88
YORK___WARBASSE 23770	51.02 2.02 0.00	55.18 2.04 0.00	52.64 1.91 0.00	48.46 1.66 0.00	47.13 1.53 0.00	52.80 1.78 0.00	62.94 2.35 0.00	155.74 5.02 0.00	113.38 2.40 0.00	53.52 1.03 0.00	60.26 1.28 0.00	65.02 1.87 0.00	52.43 1.86 0.00	60.24 1.90 0.00	76.43 1.95 0.00	86.34 2.10 0.00	105.74 3.30 0.00	91.76 2.80 0.00	88.55 2.36 0.00	89.22 2.49 0.00	83.34 2.08 0.00	84.90 2.15 0.00	99.26 2.58 0.00	89.29 2.01 0.00