

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	50.72	41.81	44.27	41.77	41.56	44.78	52.52	53.74	59.40	60.28	95.99	106.21	105.99	68.56	91.84	94.91	96.47	116.52	131.58	157.09	106.98	83.59	80.73	57.01
24138	2.80	2.45	2.80	2.60	2.49	2.63	2.66	2.62	2.80	2.78	4.69	5.90	6.38	4.60	6.03	6.27	6.31	6.88	6.75	7.57	5.72	3.69	2.70	2.37
	-0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	50.89	41.91	44.32	41.82	41.59	44.80	52.56	53.81	59.49	60.40	96.17	106.40	106.17	68.69	91.99	95.12	96.68	116.83	132.00	157.79	107.39	83.98	81.12	57.28
24260	2.96	2.55	2.83	2.64	2.52	2.65	2.70	2.69	2.88	2.90	4.87	6.10	6.56	4.72	6.18	6.48	6.52	7.20	7.17	8.27	6.14	4.08	3.10	2.63
	-0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	50.89	41.91	44.32	41.82	41.59	44.80	52.56	53.81	59.49	60.40	96.17	106.40	106.17	68.69	91.99	95.12	96.68	116.83	132.00	157.79	107.39	83.98	81.12	57.28
24261	2.96	2.55	2.83	2.64	2.52	2.65	2.70	2.69	2.88	2.90	4.87	6.10	6.56	4.72	6.18	6.48	6.52	7.20	7.17	8.27	6.14	4.08	3.10	2.63
	-0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	50.00	41.91	44.33	41.81	41.71	45.07	53.08	54.10	59.71	60.35	95.87	105.54	104.71	67.32	90.48	93.76	95.82	117.30	134.99	161.30	109.84	86.39	83.47	58.37
24011	3.10	2.55	2.85	2.64	2.64	2.92	3.21	2.99	3.10	2.84	4.56	5.23	5.11	3.35	4.68	5.12	5.66	7.66	10.16	11.78	8.58	6.48	5.44	3.72
	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.39	42.22	44.63	42.07	42.00	45.40	53.49	54.45	59.94	60.55	96.33	105.90	105.18	67.79	91.12	94.45	96.58	118.39	136.53	162.95	110.96	87.40	84.41	58.98
23798	3.49	2.87	3.15	2.89	2.92	3.25	3.63	3.33	3.33	3.05	5.03	5.59	5.57	3.82	5.32	5.81	6.42	8.75	11.70	13.43	9.71	7.50	6.38	4.33
	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.00	41.91	44.33	41.81	41.71	45.07	53.08	54.10	59.71	60.35	95.87	105.54	104.71	67.32	90.48	93.76	95.82	117.30	134.99	161.30	109.84	86.39	83.47	58.37
24028	3.10	2.55	2.85	2.64	2.64	2.92	3.21	2.99	3.10	2.84	4.56	5.23	5.11	3.35	4.68	5.12	5.66	7.66	10.16	11.78	8.58	6.48	5.44	3.72
	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.05	40.92	43.29	40.83	40.75	43.96	51.71	52.74	58.13	58.98	93.73	102.96	102.59	65.77	88.19	90.59	92.19	112.68	129.50	154.60	105.11	82.98	80.42	56.68
23527	1.75	1.56	1.81	1.65	1.68	1.81	1.84	1.62	1.52	1.48	2.43	2.65	2.99	1.80	2.39	1.95	2.03	3.04	4.67	5.08	3.85	3.08	2.39	2.03
	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.79	39.23	41.56	39.32	39.26	42.24	49.60	50.71	56.03	56.81	90.36	99.48	99.05	63.76	85.47	88.21	89.73	109.00	124.24	148.36	100.82	79.41	76.97	54.06
24190	-0.19	-0.13	0.07	0.14	0.19	0.09	-0.27	-0.41	-0.58	-0.69	-0.95	-0.83	-0.55	-0.20	-0.34	-0.43	-0.43	-0.64	-0.59	-1.16	-0.43	-0.49	-1.05	-0.59
	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	46.97	39.03	40.98	38.70	38.70	41.81	49.89	51.23	56.73	57.57	91.21	99.86	98.58	62.93	84.93	87.94	89.62	109.13	123.15	147.63	99.40	79.03	78.18	54.58
355683	-0.41	-0.33	-0.50	-0.48	-0.37	-0.34	0.03	0.11	0.12	0.06	-0.10	-0.45	-1.02	-1.04	-0.87	-0.70	-0.54	-0.50	-1.69	-1.89	-1.86	-0.88	0.16	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	47.25	39.50	41.86	39.63	39.54	42.54	49.91	51.06	56.31	56.97	90.34	99.52	99.03	63.69	85.31	88.23	89.68	109.44	124.71	149.09	101.29	79.99	77.60	54.49
323833	0.13	0.15	0.39	0.45	0.46	0.38	0.05	-0.06	-0.30	-0.54	-0.96	-0.80	-0.57	-0.28	-0.50	-0.41	-0.48	-0.20	-0.12	-0.43	0.04	0.08	-0.43	-0.15
	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.22	39.47	41.84	39.62	39.52	42.52	49.89	51.03	56.28	56.95	90.29	99.48	99.00	63.65	85.28	88.18	89.66	109.40	124.67	149.02	101.24	79.95	77.58	54.47
323834	0.10	0.12	0.36	0.44	0.45	0.37	0.03	-0.08	-0.33	-0.56	-1.02	-0.83	-0.61	-0.31	-0.52	-0.46	-0.50	-0.23	-0.17	-0.49	-0.02	0.04	-0.45	-0.18
	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.79	39.23	41.56	39.32	39.26	42.24	49.60	50.71	56.03	56.81	90.36	99.48	99.05	63.76	85.47	88.21	89.73	109.00	124.24	148.36	100.82	79.41	76.97	54.06
23571	-0.19	-0.13	0.07	0.14	0.19	0.09	-0.27	-0.41	-0.58	-0.69	-0.95	-0.83	-0.55	-0.20	-0.34	-0.43	-0.43	-0.64	-0.59	-1.16	-0.43	-0.49	-1.05	-0.59
	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	46.79 -0.19 0.40	39.23 -0.13 0.00	41.56 0.07 0.00	39.32 0.14 0.00	39.26 0.19 0.00	42.24 0.09 0.00	49.60 -0.27 0.00	50.71 -0.41 0.00	56.03 -0.58 0.00	56.81 -0.69 0.00	90.36 -0.95 0.00	99.48 -0.83 0.00	99.05 -0.55 0.00	63.76 -0.20 0.00	85.47 -0.34 0.00	88.21 -0.43 0.00	89.73 -0.43 0.00	109.00 -0.64 0.00	124.24 -0.59 0.00	148.36 -1.16 0.00	100.82 -0.43 0.00	79.41 -0.49 0.00	76.97 -1.05 0.00	54.06 -0.59 0.00
ALBANY___3 23573	46.79 -0.19 0.40	39.23 -0.13 0.00	41.56 0.07 0.00	39.32 0.14 0.00	39.26 0.19 0.00	42.24 0.09 0.00	49.60 -0.27 0.00	50.71 -0.41 0.00	56.03 -0.58 0.00	56.81 -0.69 0.00	90.36 -0.95 0.00	99.48 -0.83 0.00	99.05 -0.55 0.00	63.76 -0.20 0.00	85.47 -0.34 0.00	88.21 -0.43 0.00	89.73 -0.43 0.00	109.00 -0.64 0.00	124.24 -0.59 0.00	148.36 -1.16 0.00	100.82 -0.43 0.00	79.41 -0.49 0.00	76.97 -1.05 0.00	54.06 -0.59 0.00
ALBANY___4 23574	46.79 -0.19 0.40	39.23 -0.13 0.00	41.56 0.07 0.00	39.32 0.14 0.00	39.26 0.19 0.00	42.24 0.09 0.00	49.60 -0.27 0.00	50.71 -0.41 0.00	56.03 -0.58 0.00	56.81 -0.69 0.00	90.36 -0.95 0.00	99.48 -0.83 0.00	99.05 -0.55 0.00	63.76 -0.20 0.00	85.47 -0.34 0.00	88.21 -0.43 0.00	89.73 -0.43 0.00	109.00 -0.64 0.00	124.24 -0.59 0.00	148.36 -1.16 0.00	100.82 -0.43 0.00	79.41 -0.49 0.00	76.97 -1.05 0.00	54.06 -0.59 0.00
ALBANY___LFGE 323615	47.41 0.47 0.44	39.77 0.42 0.00	42.11 0.63 0.00	39.83 0.65 0.00	39.76 0.69 0.00	42.81 0.66 0.00	50.28 0.42 0.00	51.41 0.30 0.00	56.84 0.24 0.00	57.64 0.14 0.00	91.74 0.44 0.00	101.01 0.70 0.00	100.59 0.99 0.00	64.73 0.77 0.00	86.83 1.02 0.00	89.66 1.02 0.00	91.24 1.08 0.00	110.89 1.26 0.00	126.36 1.53 0.00	150.88 1.37 0.00	102.49 1.23 0.00	80.65 0.75 0.00	78.16 0.13 0.00	54.84 0.20 0.00
ALCOA_PA_115KV_PL-6C 55860	47.22 -0.16 0.00	39.21 -0.15 0.00	41.16 -0.32 0.00	38.87 -0.31 0.00	38.89 -0.19 0.00	42.03 -0.12 0.00	50.16 0.30 0.00	51.59 0.47 0.00	57.08 0.47 0.00	57.84 0.33 0.00	91.67 0.37 0.00	100.25 -0.07 0.00	99.41 -0.19 0.00	63.42 -0.55 0.00	85.21 -0.59 0.00	88.11 -0.53 0.00	89.80 -0.37 0.00	109.31 -0.32 0.00	123.99 -0.84 0.00	148.92 -0.60 0.00	100.38 -0.88 0.00	79.84 -0.07 0.00	78.68 0.66 0.00	55.10 0.45 0.00
ALCOA_RYNLDS___DRP 24188	47.22 -0.16 0.00	39.21 -0.15 0.00	41.16 -0.32 0.00	38.87 -0.31 0.00	38.89 -0.19 0.00	42.03 -0.12 0.00	50.16 0.30 0.00	51.59 0.47 0.00	57.08 0.47 0.00	57.84 0.33 0.00	91.67 0.37 0.00	100.25 -0.07 0.00	99.41 -0.19 0.00	63.42 -0.55 0.00	85.21 -0.59 0.00	88.11 -0.53 0.00	89.80 -0.37 0.00	109.31 -0.32 0.00	123.99 -0.84 0.00	148.92 -0.60 0.00	100.38 -0.88 0.00	79.84 -0.07 0.00	78.68 0.66 0.00	55.10 0.45 0.00
ALCOA___DSASP 323711	47.22 -0.16 0.00	39.21 -0.15 0.00	41.16 -0.33 0.00	38.87 -0.30 0.00	38.89 -0.19 0.00	42.03 -0.12 0.00	50.16 0.30 0.00	51.58 0.47 0.00	57.08 0.47 0.00	57.84 0.34 0.00	91.67 0.37 0.00	100.25 -0.06 0.00	99.41 -0.19 0.00	63.42 -0.55 0.00	85.21 -0.59 0.00	88.11 -0.53 0.00	89.80 -0.37 0.00	109.31 -0.32 0.00	123.99 -0.84 0.00	148.92 -0.60 0.00	100.38 -0.87 0.00	79.84 -0.07 0.00	78.69 0.66 0.00	55.10 0.46 0.00
ALLEGHENY___COGEN 23514	51.99 4.61 0.00	43.13 3.77 0.00	44.79 3.31 0.00	41.90 2.72 0.00	41.65 2.58 0.00	45.02 2.87 0.00	53.46 3.60 0.00	53.36 2.24 0.00	58.81 2.20 0.00	60.05 2.55 0.00	95.23 3.93 0.00	103.69 3.38 0.00	101.44 1.84 0.00	62.71 -1.26 0.00	81.17 -4.64 0.00	84.47 -4.17 0.00	85.05 -5.11 0.00	105.95 -3.68 0.00	119.52 -5.31 0.00	146.79 -2.73 0.00	101.37 0.11 0.00	80.41 0.51 0.00	84.41 6.38 0.00	58.53 3.88 0.00
ALTAMONT_115KV_TB 2 55880	47.73 0.61 0.26	39.90 0.54 0.00	42.25 0.77 0.00	39.96 0.78 0.00	39.84 0.77 0.00	42.93 0.78 0.00	50.43 0.57 0.00	51.55 0.43 0.00	56.96 0.35 0.00	57.75 0.24 0.00	91.78 0.47 0.00	101.02 0.71 0.00	100.51 0.91 0.00	64.70 0.73 0.00	86.73 0.92 0.00	89.57 0.93 0.00	91.12 0.96 0.00	110.75 1.12 0.00	126.20 1.36 0.00	150.92 1.40 0.00	102.58 1.32 0.00	80.77 0.87 0.00	78.39 0.36 0.00	55.05 0.40 0.00
ALTONA_WT_PWR 323606	46.40 -0.98 0.00	38.48 -0.88 0.00	40.51 -0.97 0.00	38.25 -0.93 0.00	38.23 -0.84 0.00	41.37 -0.78 0.00	49.43 -0.43 0.00	50.66 -0.45 0.00	56.15 -0.46 0.00	56.86 -0.64 0.00	89.96 -1.34 0.00	98.55 -1.76 0.00	98.04 -1.56 0.00	62.90 -1.07 0.00	84.59 -1.21 0.00	87.80 -0.84 0.00	89.77 -0.38 0.00	109.62 -0.01 0.00	124.55 -0.28 0.00	148.95 -0.57 0.00	100.72 -0.53 0.00	79.93 0.03 0.00	78.03 0.01 0.00	54.42 -0.23 0.00
AMERICAN_REF_FUEL 24010	48.59 1.21 0.00	40.48 1.13 0.00	41.71 0.23 0.00	38.80 -0.38 0.00	38.42 -0.65 0.00	41.53 -0.62 0.00	49.51 -0.35 0.00	49.94 -1.18 0.00	56.13 -0.48 0.00	57.60 0.09 0.00	91.49 0.19 0.00	100.61 0.30 0.00	100.58 0.98 0.00	63.61 -0.36 0.00	84.94 -0.86 0.00	87.48 -1.16 0.00	88.60 -1.56 0.00	108.36 -1.27 0.00	124.06 -0.78 0.00	151.14 1.62 0.00	102.87 1.61 0.00	79.31 -0.59 0.00	78.55 0.52 0.00	55.75 1.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	50.84 3.46 0.00	42.39 3.03 0.00	43.69 2.21 0.00	40.62 1.45 0.00	40.30 1.23 0.00	43.63 1.48 0.00	51.93 2.07 0.00	52.57 1.45 0.00	59.26 2.66 0.00	60.86 3.35 0.00	96.98 5.68 0.00	106.63 6.32 0.00	106.40 6.79 0.00	67.34 3.37 0.00	89.80 3.99 0.00	92.36 3.72 0.00	93.77 3.61 0.00	115.10 5.47 0.00	132.27 7.43 0.00	161.52 12.00 0.00	110.22 8.97 0.00	84.59 4.68 0.00	83.12 5.10 0.00	58.52 3.87 0.00
ARTHUR KILL_GT_1 23520	50.58 2.66 -0.55	41.80 2.44 0.00	44.13 2.64 0.00	41.61 2.44 0.00	41.36 2.29 0.00	44.49 2.33 0.00	51.74 1.98 0.11	52.52 1.87 0.46	53.36 1.87 5.12	54.83 1.74 4.42	87.78 2.97 6.50	98.01 4.07 6.37	96.31 4.58 7.88	67.35 3.42 0.03	71.62 4.39 18.58	92.96 4.32 0.00	94.86 4.70 0.00	114.39 4.75 0.00	129.20 4.39 0.03	151.21 5.27 3.58	105.75 4.50 0.01	82.87 2.98 0.01	80.06 2.04 0.01	56.61 1.96 0.00
ARTHUR_KILL_2 23512	50.39 2.46 -0.55	41.64 2.28 0.00	43.96 2.48 0.00	41.47 2.29 0.00	41.21 2.14 0.00	44.33 2.18 0.00	51.55 1.79 0.11	52.31 1.66 0.47	53.13 1.64 5.12	54.59 1.50 4.42	87.38 2.58 6.50	97.53 3.58 6.37	95.84 4.12 7.88	67.05 3.12 0.04	71.20 3.97 18.58	92.51 3.88 0.00	94.38 4.22 0.00	113.83 4.20 0.00	128.58 3.77 0.03	150.54 4.60 3.58	105.25 4.00 0.01	82.48 2.58 0.01	79.71 1.69 0.01	56.36 1.70 0.00
ARTHUR_KILL_3 23513	50.15 2.22 -0.55	41.31 1.95 0.00	43.71 2.23 0.00	41.25 2.07 0.00	41.02 1.94 0.00	44.16 2.01 0.00	51.63 1.88 0.11	52.50 1.84 0.46	53.37 1.88 5.11	54.88 1.79 4.41	87.89 3.07 6.49	98.09 4.13 6.36	96.29 4.56 7.87	67.39 3.46 0.03	71.71 4.48 18.57	93.29 4.65 0.00	94.85 4.69 0.00	114.58 4.95 0.00	129.44 4.64 0.04	151.12 5.19 3.59	105.37 4.12 0.01	82.52 2.62 0.01	79.68 1.67 0.02	56.37 1.72 0.00

ARTHUR_KILL_COGEN 323718	50.58 2.66 -0.55	41.80 2.44 0.00	44.13 2.64 0.00	41.61 2.43 0.00	41.36 2.29 0.00	44.49 2.34 0.00	51.74 1.99 0.11	52.51 1.86 0.47	53.36 1.87 5.12	54.82 1.74 4.42	87.75 2.95 6.50	98.02 4.07 6.37	96.28 4.55 7.88	67.34 3.41 0.04	71.61 4.39 18.58	92.95 4.32 0.00	94.86 4.70 0.00	114.39 4.75 0.00	129.20 4.39 0.03	151.21 5.27 3.58	105.75 4.50 0.01	82.85 2.96 0.01	80.06 2.04 0.01	56.60 1.95 0.00
ASHOKAN____ 23654	49.96 2.58 0.00	41.35 1.99 0.00	43.68 2.20 0.00	41.30 2.12 0.00	41.11 2.04 0.00	44.32 2.17 0.00	52.10 2.23 0.00	53.45 2.34 0.00	58.69 2.08 0.00	59.57 2.07 0.00	94.64 3.33 0.00	104.57 4.26 0.00	103.46 3.86 0.00	67.20 3.24 0.00	89.75 3.94 0.00	93.25 4.61 0.00	96.25 6.08 0.00	117.41 7.78 0.00	133.00 8.17 0.00	158.75 9.23 0.00	107.62 6.37 0.00	84.99 5.09 0.00	82.03 4.00 0.00	57.37 2.72 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.51 2.59 -0.55	41.67 2.32 0.00	44.02 2.54 0.00	41.57 2.39 0.00	41.33 2.26 0.00	44.42 2.27 0.00	52.09 2.22 0.00	53.31 2.20 0.00	58.85 2.24 0.00	59.68 2.18 0.00	95.06 3.68 -0.08	105.40 4.78 -0.30	104.90 5.30 0.00	67.91 3.94 0.00	90.89 5.08 0.00	93.98 5.34 0.00	95.54 5.38 0.00	115.39 5.76 0.00	130.18 5.35 0.01	155.73 6.21 -0.01	105.93 4.67 -0.01	82.86 2.95 -0.01	80.16 2.13 -0.01	56.72 2.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.51 2.59 -0.55	41.67 2.32 0.00	44.02 2.54 0.00	41.57 2.39 0.00	41.33 2.26 0.00	44.42 2.27 0.00	52.09 2.22 0.00	53.31 2.20 0.00	58.85 2.24 0.00	59.68 2.18 0.00	95.06 3.68 -0.08	105.40 4.78 -0.30	104.90 5.30 0.00	67.91 3.95 0.00	90.89 5.08 0.00	93.98 5.34 0.00	95.54 5.38 0.00	115.39 5.76 0.00	130.18 5.35 0.01	155.73 6.21 -0.01	105.93 4.67 -0.01	82.86 2.95 -0.01	80.17 2.13 -0.01	56.72 2.06 0.00
ASTORIA_GT2_1 24094	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT2_2 24095	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT2_3 24096	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT2_4 24097	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT3_1 24098	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT3_2 24099	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT3_3 24100	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT3_4 24101	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT4_1 24102	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT4_2 24103	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT4_3 24104	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00

ASTORIA_GT4_4 24105	50.54 2.62 -0.55	41.70 2.34 0.00	44.04 2.56 0.00	41.59 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.24 0.00	58.87 2.26 0.00	59.72 2.21 0.00	95.11 3.72 -0.08	105.46 4.85 -0.30	104.97 5.37 0.00	67.94 3.98 0.00	90.93 5.13 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.44 5.80 0.00	130.26 5.43 0.01	155.81 6.29 0.00	105.98 4.72 -0.01	82.93 3.02 -0.01	80.22 2.18 -0.01	56.76 2.11 0.00
ASTORIA_GT_1 23523	50.67 2.75 -0.55	41.79 2.44 0.00	44.15 2.67 0.00	41.67 2.49 0.00	41.44 2.37 0.00	44.55 2.40 0.00	52.24 2.38 0.00	53.48 2.37 0.00	59.04 2.43 0.00	59.89 2.38 0.00	95.43 4.04 -0.08	105.77 5.16 -0.30	105.31 5.71 0.00	68.16 4.19 0.00	91.23 5.42 0.00	94.34 5.70 0.00	95.92 5.76 0.00	115.83 6.19 0.00	130.66 5.83 0.01	156.27 6.75 0.00	106.28 5.02 -0.01	83.16 3.25 -0.01	80.44 2.41 -0.01	56.89 2.24 0.00
ASTORIA_GT_10 24110	50.31 2.39 -0.55	41.52 2.17 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.98 2.12 0.00	53.16 2.04 0.00	58.69 2.08 0.00	59.55 2.04 0.00	94.76 3.46 0.00	104.84 4.53 0.00	104.63 5.03 0.00	67.72 3.75 0.00	90.65 4.85 0.00	93.65 5.01 0.00	95.25 5.09 0.00	115.01 5.37 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.63 2.73 16.99	63.24 1.80 16.59	52.73 1.79 3.70
ASTORIA_GT_11 24225	50.31 2.39 -0.55	41.52 2.17 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.98 2.12 0.00	53.16 2.04 0.00	58.69 2.08 0.00	59.55 2.04 0.00	94.76 3.46 0.00	104.84 4.53 0.00	104.63 5.03 0.00	67.72 3.75 0.00	90.65 4.85 0.00	93.65 5.01 0.00	95.25 5.09 0.00	115.01 5.37 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.63 2.73 16.99	63.24 1.80 16.59	52.73 1.79 3.70
ASTORIA_GT_12 24226	50.31 2.39 -0.55	41.52 2.17 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.98 2.12 0.00	53.16 2.04 0.00	58.69 2.08 0.00	59.55 2.04 0.00	94.76 3.46 0.00	104.84 4.53 0.00	104.63 5.03 0.00	67.72 3.75 0.00	90.65 4.85 0.00	93.65 5.01 0.00	95.25 5.09 0.00	115.01 5.37 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.63 2.73 16.99	63.24 1.80 16.59	52.73 1.79 3.70
ASTORIA_GT_13 24227	50.31 2.39 -0.55	41.52 2.17 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.98 2.12 0.00	53.16 2.04 0.00	58.69 2.08 0.00	59.55 2.04 0.00	94.76 3.46 0.00	104.84 4.53 0.00	104.63 5.03 0.00	67.72 3.75 0.00	90.65 4.85 0.00	93.65 5.01 0.00	95.25 5.09 0.00	115.01 5.37 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.63 2.73 16.99	63.24 1.80 16.59	52.73 1.79 3.70
ASTORIA_GT_5 24106	50.67 2.75 -0.55	41.79 2.44 0.00	44.15 2.67 0.00	41.67 2.49 0.00	41.44 2.37 0.00	44.55 2.40 0.00	52.24 2.38 0.00	53.48 2.37 0.00	59.04 2.43 0.00	59.89 2.38 0.00	95.43 4.04 -0.08	105.77 5.16 -0.30	105.31 5.71 0.00	68.16 4.19 0.00	91.23 5.42 0.00	94.34 5.70 0.00	95.92 5.76 0.00	115.83 6.19 0.00	130.66 5.83 0.01	156.27 6.75 0.00	106.28 5.02 -0.01	83.16 3.25 -0.01	80.44 2.41 -0.01	56.89 2.24 0.00
ASTORIA_GT_7 24107	50.67 2.75 -0.55	41.79 2.44 0.00	44.15 2.67 0.00	41.67 2.49 0.00	41.44 2.37 0.00	44.55 2.40 0.00	52.24 2.38 0.00	53.48 2.37 0.00	59.04 2.43 0.00	59.89 2.38 0.00	95.43 4.04 -0.08	105.77 5.16 -0.30	105.31 5.71 0.00	68.16 4.19 0.00	91.23 5.42 0.00	94.34 5.70 0.00	95.92 5.76 0.00	115.83 6.19 0.00	130.66 5.83 0.01	156.27 6.75 0.00	106.28 5.02 -0.01	83.16 3.25 -0.01	80.44 2.41 -0.01	56.89 2.24 0.00
ASTORIA_GT_8 24108	50.67 2.75 -0.55	41.79 2.44 0.00	44.15 2.67 0.00	41.67 2.49 0.00	41.44 2.37 0.00	44.55 2.40 0.00	52.24 2.38 0.00	53.48 2.37 0.00	59.04 2.43 0.00	59.89 2.38 0.00	95.43 4.04 -0.08	105.77 5.16 -0.30	105.31 5.71 0.00	68.16 4.19 0.00	91.23 5.42 0.00	94.34 5.70 0.00	95.92 5.76 0.00	115.83 6.19 0.00	130.66 5.83 0.01	156.27 6.75 0.00	106.28 5.02 -0.01	83.16 3.25 -0.01	80.44 2.41 -0.01	56.89 2.24 0.00
ASTORIA___2 24149	50.55 2.62 -0.55	41.70 2.34 0.00	44.05 2.57 0.00	41.58 2.41 0.00	41.35 2.28 0.00	44.45 2.30 0.00	52.12 2.25 0.00	53.35 2.23 0.00	58.87 2.27 0.00	59.72 2.21 0.00	95.09 3.71 -0.08	105.45 4.84 -0.30	104.93 5.33 0.00	67.94 3.98 0.00	90.93 5.12 0.00	94.03 5.39 0.00	95.60 5.44 0.00	115.43 5.80 0.00	130.26 5.43 0.01	155.81 6.28 -0.01	105.98 4.72 -0.01	82.92 3.01 -0.01	80.22 2.19 -0.01	56.74 2.09 0.00
ASTORIA___3 23516	50.31 2.38 -0.55	41.52 2.16 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.99 2.12 0.00	53.16 2.04 0.00	58.69 2.09 0.00	59.54 2.03 0.00	94.74 3.44 0.00	104.81 4.50 0.00	104.60 5.00 0.00	67.71 3.75 0.00	90.64 4.84 0.00	93.65 5.01 0.00	95.24 5.08 0.00	115.00 5.36 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.62 2.71 16.99	63.24 1.80 16.59	52.72 1.77 3.70
ASTORIA___4 23517	50.31 2.39 -0.55	41.52 2.17 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.98 2.12 0.00	53.16 2.04 0.00	58.69 2.08 0.00	59.54 2.04 0.00	94.76 3.46 0.00	104.84 4.53 0.00	104.63 5.03 0.00	67.71 3.74 0.00	90.65 4.85 0.00	93.65 5.01 0.00	95.25 5.09 0.00	115.01 5.37 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.63 2.73 16.99	63.24 1.80 16.59	52.73 1.79 3.70
ASTORIA___5 23518	50.31 2.38 -0.55	41.52 2.16 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.99 2.12 0.00	53.16 2.04 0.00	58.69 2.09 0.00	59.55 2.04 0.00	94.75 3.45 0.00	104.83 4.52 0.00	104.60 5.00 0.00	67.72 3.76 0.00	90.65 4.84 0.00	93.65 5.01 0.00	95.24 5.08 0.00	115.00 5.36 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.62 2.71 16.99	63.24 1.80 16.59	52.72 1.78 3.70
AST_ENERGY_2_CC3 323677	50.32 2.39 -0.55	41.44 2.08 0.00	43.84 2.35 0.00	41.36 2.19 0.00	41.15 2.08 0.00	44.31 2.16 0.00	51.95 2.09 0.00	53.16 2.05 0.00	58.73 2.12 0.00	59.60 2.10 0.00	94.88 3.58 0.00	104.99 4.68 0.00	104.71 5.10 0.00	67.76 3.79 0.00	90.76 4.95 0.00	93.80 5.16 0.00	95.40 5.24 0.00	115.25 5.62 0.00	130.16 5.33 0.00	155.87 6.35 0.00	106.22 4.97 0.00	83.10 3.20 0.00	80.20 2.17 0.00	56.58 1.93 0.00
AST_ENERGY_2_CC4 323678	50.32 2.39 -0.55	41.44 2.08 0.00	43.84 2.35 0.00	41.36 2.19 0.00	41.15 2.08 0.00	44.31 2.16 0.00	51.95 2.09 0.00	53.16 2.05 0.00	58.73 2.12 0.00	59.60 2.10 0.00	94.88 3.58 0.00	104.99 4.68 0.00	104.71 5.10 0.00	67.76 3.79 0.00	90.76 4.95 0.00	93.80 5.16 0.00	95.40 5.24 0.00	115.25 5.62 0.00	130.16 5.33 0.00	155.87 6.35 0.00	106.22 4.97 0.00	83.10 3.20 0.00	80.20 2.17 0.00	56.58 1.93 0.00

ATHENS_STG_1 23668	48.56 0.96 -0.22	40.20 0.85 0.00	42.61 1.13 0.00	40.32 1.14 0.00	40.17 1.10 0.00	43.28 1.13 0.00	50.72 0.86 0.00	51.83 0.71 0.00	57.28 0.68 0.00	58.11 0.61 0.00	92.36 1.06 0.00	101.78 1.47 0.00	101.28 1.67 0.00	65.37 1.41 0.00	87.59 1.79 0.00	90.46 1.82 0.00	92.01 1.85 0.00	111.52 1.88 0.00	126.77 1.94 0.00	151.58 2.06 0.00	103.13 1.87 0.00	81.09 1.19 0.00	78.64 0.61 0.00	55.30 0.65 0.00
ATHENS_STG_2 23670	48.56 0.96 -0.22	40.20 0.85 0.00	42.61 1.13 0.00	40.32 1.14 0.00	40.17 1.10 0.00	43.28 1.13 0.00	50.72 0.86 0.00	51.83 0.71 0.00	57.28 0.68 0.00	58.11 0.61 0.00	92.36 1.06 0.00	101.78 1.47 0.00	101.28 1.67 0.00	65.37 1.41 0.00	87.59 1.79 0.00	90.46 1.82 0.00	92.01 1.85 0.00	111.52 1.88 0.00	126.77 1.94 0.00	151.58 2.06 0.00	103.13 1.87 0.00	81.09 1.19 0.00	78.64 0.61 0.00	55.30 0.65 0.00
ATHENS_STG_3 23677	48.56 0.96 -0.22	40.20 0.85 0.00	42.61 1.13 0.00	40.32 1.14 0.00	40.17 1.10 0.00	43.28 1.13 0.00	50.72 0.86 0.00	51.83 0.71 0.00	57.28 0.68 0.00	58.11 0.61 0.00	92.36 1.06 0.00	101.78 1.47 0.00	101.28 1.67 0.00	65.37 1.41 0.00	87.59 1.79 0.00	90.46 1.82 0.00	92.01 1.85 0.00	111.52 1.88 0.00	126.77 1.94 0.00	151.58 2.06 0.00	103.13 1.87 0.00	81.09 1.19 0.00	78.64 0.61 0.00	55.30 0.65 0.00
AUBURN____LFGE 323710	48.57 1.18 -0.01	40.37 0.97 -0.04	42.39 0.86 -0.05	39.89 0.71 -0.01	39.58 0.51 0.00	42.94 0.74 -0.04	51.27 0.92 -0.49	51.99 0.82 -0.06	57.88 1.03 -0.24	58.69 1.05 -0.14	96.04 2.03 -2.70	105.50 2.11 -3.09	104.71 2.55 -2.56	65.70 1.74 0.00	88.24 2.43 0.00	90.96 1.97 -0.35	91.84 1.67 0.00	111.72 2.09 0.00	127.94 3.10 0.00	154.47 4.71 -0.25	105.54 3.72 -0.56	83.10 2.61 -0.59	81.41 1.91 -1.47	56.15 1.39 -0.11
BABYLON_RES_REC 323704	50.80 2.87 -0.55	41.96 2.60 0.00	44.33 2.85 0.00	41.74 2.57 0.00	41.48 2.40 0.00	44.59 2.44 0.00	51.89 2.03 0.00	51.03 1.49 1.58	47.16 1.36 10.81	58.76 1.26 0.00	91.71 1.82 1.41	66.26 3.24 37.29	71.72 3.23 31.11	66.92 2.98 0.02	89.17 3.47 0.11	92.62 4.08 0.09	97.26 4.42 -2.68	114.80 4.94 -0.23	125.42 3.94 3.35	150.06 4.44 3.89	104.69 3.44 0.00	75.92 1.33 5.32	48.17 0.37 30.23	54.23 0.76 1.18
BALL_HILL_WT_PWR 323825	50.14 2.76 0.00	41.74 2.38 0.00	43.07 1.59 0.00	40.10 0.92 0.00	39.71 0.64 0.00	42.98 0.83 0.00	51.23 1.37 0.00	51.87 0.75 0.00	58.34 1.73 0.00	59.87 2.36 0.00	95.20 3.90 0.00	104.58 4.27 0.00	104.40 4.79 0.00	66.14 2.17 0.00	88.32 2.51 0.00	91.01 2.37 0.00	92.30 2.14 0.00	113.10 3.47 0.00	129.80 4.97 0.00	158.20 8.69 0.00	107.84 6.58 0.00	82.96 3.06 0.00	81.69 3.66 0.00	57.59 2.94 0.00
BARON_WINDS____WT_PWR 323822	48.82 1.45 0.00	40.64 1.28 0.00	42.46 0.98 0.00	39.84 0.67 0.00	39.59 0.52 0.00	42.86 0.71 0.00	50.86 1.00 0.00	51.69 0.57 0.00	57.38 0.77 0.00	58.64 1.13 0.00	93.45 2.14 0.00	102.42 2.11 0.00	102.06 2.46 0.00	65.25 1.29 0.00	87.15 1.35 0.00	90.11 1.47 0.00	90.84 1.67 0.00	111.07 2.09 0.00	127.55 3.10 0.00	154.43 4.71 0.00	105.87 3.72 0.00	82.06 2.61 0.00	80.41 1.91 0.00	56.55 1.39 0.00
BARRETT_IC_1 23704	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.88 2.06 -0.53	97.60 3.28 5.99	66.20 3.40 36.81	67.25 3.32 0.03	89.54 4.01 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.82 -0.24	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.26	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_10 23701	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	87.79 2.06 5.57	74.96 3.28 28.63	62.82 3.40 40.19	66.66 3.32 0.63	85.41 4.01 4.41	89.37 4.41 3.67	95.31 4.50 -0.65	114.69 4.82 -0.23	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.25	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_11 23702	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	87.79 2.06 5.57	74.96 3.28 28.63	62.82 3.40 40.19	66.66 3.32 0.63	85.41 4.01 4.41	89.37 4.41 3.67	95.31 4.50 -0.65	114.69 4.82 -0.23	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.25	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_12 23703	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	87.79 2.06 5.57	74.96 3.28 28.63	62.82 3.40 40.19	66.66 3.32 0.63	85.41 4.01 4.41	89.37 4.41 3.67	95.31 4.50 -0.65	114.69 4.82 -0.23	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.25	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_2 23705	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.88 2.06 -0.53	97.60 3.28 5.99	66.20 3.40 36.81	67.25 3.32 0.03	89.54 4.01 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.82 -0.24	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.26	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_3 23706	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.88 2.06 -0.53	97.60 3.28 5.99	66.20 3.40 36.81	67.25 3.32 0.03	89.54 4.01 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.82 -0.24	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.26	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_4 23707	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.88 2.06 -0.53	97.60 3.28 5.99	66.20 3.40 36.81	67.25 3.32 0.03	89.54 4.01 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.82 -0.24	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.26	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_5 23708	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.88 2.06 -0.53	97.60 3.28 5.99	66.20 3.40 36.81	67.25 3.32 0.03	89.54 4.01 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.82 -0.24	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.26	139.99 0.82 -61.14	55.69 1.11 0.06

BARRETT_IC_6 23709	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.88 2.06 -0.53	97.60 3.28 5.99	66.20 3.40 36.81	67.25 3.32 0.03	89.54 4.01 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.82 -0.24	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.26	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_7 23710	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.31 0.00	41.23 2.15 0.00	44.35 2.19 0.00	51.67 1.80 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.93 2.10 -0.53	97.70 3.38 5.99	66.26 3.47 36.81	67.24 3.31 0.04	89.52 3.99 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.83 -0.24	125.00 4.12 3.95	152.85 5.06 1.73	105.43 4.17 0.00	96.03 1.87 -14.26	140.01 0.85 -61.14	55.68 1.10 0.06
BARRETT_IC_8 23711	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.88 2.06 -0.53	97.60 3.28 5.99	66.20 3.40 36.81	67.25 3.32 0.03	89.54 4.01 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.82 -0.24	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.26	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT_IC_9 23700	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	87.79 2.06 5.57	74.96 3.28 28.63	62.82 3.40 40.19	66.66 3.32 0.63	85.41 4.01 4.41	89.37 4.41 3.67	95.31 4.50 -0.65	114.69 4.82 -0.23	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.25	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT___1 23545	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	93.88 2.06 -0.53	97.60 3.28 5.99	66.20 3.40 36.81	67.25 3.32 0.03	89.54 4.01 0.28	92.82 4.41 0.23	97.27 4.50 -2.61	114.69 4.82 -0.24	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.26	139.99 0.82 -61.14	55.69 1.11 0.06
BARRETT___2 23546	50.54 2.61 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.49 2.30 0.00	41.22 2.15 0.00	44.35 2.20 0.00	51.67 1.81 0.00	52.35 1.30 0.07	58.08 1.09 -0.39	58.68 1.17 0.00	87.79 2.06 5.57	74.96 3.28 28.63	62.82 3.40 40.19	66.66 3.32 0.63	85.41 4.01 4.41	89.37 4.41 3.67	95.31 4.50 -0.65	114.69 4.82 -0.23	125.00 4.12 3.95	152.85 5.05 1.73	105.43 4.17 -0.01	96.02 1.86 -14.25	139.99 0.82 -61.14	55.69 1.11 0.06
BATAVIA__115KV_TB1 55881	50.57 3.19 0.00	41.98 2.62 0.00	43.35 1.87 0.00	40.39 1.22 0.00	40.04 0.97 0.00	43.33 1.18 0.00	51.71 1.85 0.00	52.47 1.36 0.00	58.71 2.11 0.00	59.80 2.29 0.00	94.74 3.44 0.00	103.86 3.55 0.00	103.96 4.36 0.00	65.87 1.90 0.00	88.12 2.31 0.00	90.48 1.84 0.00	91.62 1.46 0.00	112.21 2.58 0.00	128.72 3.89 0.00	157.28 7.77 0.00	107.25 6.00 0.00	82.98 3.08 0.00	82.58 4.55 0.00	58.12 3.47 0.00
BAYONEEC___CTG1 323682	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BAYONEEC___CTG10 323750	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BAYONEEC___CTG2 323683	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BAYONEEC___CTG3 323684	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BAYONEEC___CTG4 323685	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BAYONEEC___CTG5 323686	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BAYONEEC___CTG6 323687	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BAYONEEC___CTG7 323688	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00

BAYONEEC___CTG8 323689	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BAYONEEC___CTG9 323749	50.39 2.46 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.26 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.01 2.15 0.00	53.22 2.10 0.00	58.80 2.19 0.00	59.63 2.13 0.00	94.94 3.63 0.00	105.03 4.72 0.00	104.75 5.15 0.00	67.78 3.82 0.00	90.79 4.98 0.00	93.81 5.17 0.00	95.41 5.24 0.00	115.26 5.63 0.00	130.18 5.38 0.04	152.08 6.15 3.59	105.98 4.73 0.00	82.97 3.07 0.00	80.13 2.10 0.00	56.66 2.01 0.00
BEACON___LESR 323632	47.35 0.40 0.42	39.62 0.26 0.00	41.98 0.50 0.00	39.69 0.51 0.00	39.63 0.56 0.00	42.71 0.56 0.00	50.25 0.38 0.00	51.40 0.29 0.00	56.79 0.18 0.00	57.67 0.16 0.00	91.77 0.46 0.00	100.84 0.53 0.00	100.49 0.89 0.00	64.73 0.76 0.00	86.83 1.02 0.00	89.65 1.01 0.00	91.23 1.07 0.00	110.76 1.13 0.00	126.61 1.77 0.00	150.73 1.22 0.00	102.45 1.19 0.00	80.57 0.66 0.00	77.87 -0.15 0.00	54.73 0.08 0.00
BEAVER RIVER___HYD 24048	49.18 1.80 0.00	40.36 0.98 -0.03	42.28 0.77 -0.03	40.26 1.08 0.00	40.41 1.34 0.00	43.95 1.77 -0.03	52.78 2.56 -0.35	53.81 2.66 -0.04	59.88 3.10 -0.18	60.70 3.09 -0.10	98.34 5.09 -1.94	107.51 4.97 -2.23	106.33 4.88 -1.84	66.40 2.43 0.00	88.64 2.83 0.00	91.38 2.48 -0.25	92.85 2.69 0.00	112.88 3.25 0.00	129.42 4.58 0.00	157.28 7.59 -0.18	107.78 6.12 -0.40	85.46 5.13 -0.43	84.01 4.92 -1.06	57.75 3.03 -0.08
BEEBEE_GT_13 23619	49.58 2.20 0.00	41.15 1.79 0.00	42.74 1.26 0.00	39.98 0.81 0.00	39.69 0.62 0.00	42.91 0.76 0.00	51.03 1.17 0.00	51.98 0.87 0.00	58.21 1.61 0.00	59.57 2.07 0.00	94.68 3.38 0.00	103.88 3.57 0.00	103.75 4.15 0.00	66.16 2.19 0.00	88.53 2.72 0.00	91.38 2.73 0.00	92.51 2.35 0.00	112.91 3.27 0.00	129.23 4.40 0.00	156.52 7.01 0.00	106.40 5.15 0.00	82.68 2.78 0.00	81.04 3.01 0.00	56.86 2.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.99 3.07 -0.55	42.06 2.70 0.00	44.42 2.94 0.00	41.88 2.71 0.00	41.64 2.57 0.00	44.80 2.65 0.00	52.42 2.55 0.00	53.66 2.54 0.00	59.30 2.69 0.00	60.16 2.65 0.00	95.74 4.43 0.00	105.98 5.67 0.00	105.82 6.22 0.00	68.43 4.46 0.00	91.62 5.81 0.00	94.42 5.78 0.00	96.13 5.97 0.00	116.02 6.38 0.00	131.08 6.27 0.03	153.20 7.26 3.58	107.08 5.83 0.01	83.82 3.92 0.01	80.97 2.95 0.01	57.23 2.58 0.00
BETHLEHEM___GRP 23843	46.79 -0.19 0.40	39.23 -0.13 0.00	41.56 0.07 0.00	39.32 0.14 0.00	39.26 0.19 0.00	42.24 0.09 0.00	49.60 -0.27 0.00	50.71 -0.41 0.00	56.03 -0.58 0.00	56.81 -0.69 0.00	90.36 -0.95 0.00	99.48 -0.83 0.00	99.05 -0.55 0.00	63.76 -0.20 0.00	85.47 -0.34 0.00	88.21 -0.43 0.00	89.73 -0.43 0.00	109.00 -0.64 0.00	124.24 -0.59 0.00	148.36 -1.16 0.00	100.82 -0.43 0.00	79.41 -0.49 0.00	76.97 -1.05 0.00	54.06 -0.59 0.00
BETHLEHEM___GS1 323560	46.80 -0.18 0.40	39.23 -0.13 0.00	41.56 0.07 0.00	39.32 0.14 0.00	39.26 0.19 0.00	42.24 0.09 0.00	49.60 -0.27 0.00	50.71 -0.40 0.00	56.03 -0.58 0.00	56.81 -0.69 0.00	90.36 -0.95 0.00	99.48 -0.83 0.00	99.04 -0.56 0.00	63.76 -0.20 0.00	85.47 -0.34 0.00	88.21 -0.43 0.00	89.73 -0.43 0.00	109.01 -0.63 0.00	124.24 -0.59 0.00	148.36 -1.16 0.00	100.83 -0.42 0.00	79.41 -0.49 0.00	76.98 -1.05 0.00	54.07 -0.59 0.00
BETHLEHEM___GS2 323561	46.80 -0.18 0.40	39.23 -0.13 0.00	41.56 0.07 0.00	39.32 0.14 0.00	39.26 0.19 0.00	42.24 0.09 0.00	49.60 -0.27 0.00	50.71 -0.40 0.00	56.03 -0.58 0.00	56.81 -0.69 0.00	90.36 -0.95 0.00	99.48 -0.83 0.00	99.04 -0.56 0.00	63.76 -0.20 0.00	85.47 -0.34 0.00	88.21 -0.43 0.00	89.73 -0.43 0.00	109.01 -0.63 0.00	124.24 -0.59 0.00	148.36 -1.16 0.00	100.83 -0.42 0.00	79.41 -0.49 0.00	76.98 -1.05 0.00	54.07 -0.59 0.00
BETHLEHEM___GS3 323562	46.80 -0.18 0.40	39.23 -0.13 0.00	41.56 0.07 0.00	39.32 0.14 0.00	39.26 0.19 0.00	42.24 0.09 0.00	49.60 -0.27 0.00	50.71 -0.40 0.00	56.03 -0.58 0.00	56.81 -0.69 0.00	90.36 -0.95 0.00	99.48 -0.83 0.00	99.04 -0.56 0.00	63.76 -0.20 0.00	85.47 -0.34 0.00	88.21 -0.43 0.00	89.73 -0.43 0.00	109.01 -0.63 0.00	124.24 -0.59 0.00	148.36 -1.16 0.00	100.83 -0.42 0.00	79.41 -0.49 0.00	76.98 -1.05 0.00	54.07 -0.59 0.00
BETHLEHEM___STEEL 23779	49.91 2.54 0.00	41.54 2.19 0.00	42.87 1.39 0.00	39.92 0.74 0.00	39.52 0.45 0.00	42.77 0.62 0.00	50.97 1.11 0.00	51.61 0.49 0.00	58.02 1.41 0.00	59.53 2.03 0.00	94.62 3.31 0.00	103.90 3.59 0.00	103.84 4.24 0.00	65.86 1.89 0.00	88.04 2.23 0.00	90.79 2.15 0.00	92.07 1.91 0.00	112.72 3.09 0.00	129.24 4.41 0.00	157.30 7.78 0.00	107.11 5.86 0.00	82.38 2.47 0.00	81.19 3.17 0.00	57.28 2.63 0.00
BETHLHEM_115KV_TB1 79974	46.95 -0.05 0.38	39.34 -0.02 0.00	41.68 0.20 0.00	39.43 0.25 0.00	39.37 0.29 0.00	42.36 0.21 0.00	49.74 -0.13 0.00	50.84 -0.27 0.00	56.19 -0.42 0.00	56.97 -0.53 0.00	90.59 -0.71 0.00	99.76 -0.55 0.00	99.33 -0.28 0.00	63.94 -0.02 0.00	85.69 -0.11 0.00	88.47 -0.17 0.00	89.97 -0.19 0.00	109.29 -0.35 0.00	124.55 -0.28 0.00	148.78 -0.74 0.00	101.09 -0.16 0.00	79.63 -0.27 0.00	77.20 -0.83 0.00	54.23 -0.42 0.00
BETHPAGE_CC_5 323564	50.59 2.67 -0.55	41.83 2.47 0.00	44.18 2.70 0.00	41.63 2.46 0.00	41.36 2.29 0.00	44.49 2.34 0.00	51.80 1.93 0.00	51.04 1.37 1.45	48.12 1.20 9.69	58.79 1.28 0.00	92.28 2.25 1.28	69.95 3.76 34.13	74.59 3.89 28.91	67.46 3.50 0.01	90.07 4.34 0.08	93.49 4.92 0.06	98.01 5.15 -2.70	115.56 5.70 -0.23	126.50 4.79 3.12	151.42 5.46 3.55	105.45 4.20 0.00	77.43 1.97 4.45	52.94 0.78 25.87	54.59 1.02 1.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	49.99 2.61 0.00	41.59 2.24 0.00	42.92 1.44 0.00	39.98 0.81 0.00	39.58 0.51 0.00	42.85 0.70 0.00	51.07 1.20 0.00	51.74 0.62 0.00	58.15 1.55 0.00	59.69 2.18 0.00	94.85 3.55 0.00	104.16 3.85 0.00	104.09 4.49 0.00	66.04 2.07 0.00	88.31 2.50 0.00	91.12 2.48 0.00	92.43 2.27 0.00	113.22 3.59 0.00	129.79 4.96 0.00	157.95 8.43 0.00	107.54 6.29 0.00	82.66 2.76 0.00	81.42 3.40 0.00	57.41 2.76 0.00
BINGHAMTON___COGEN 23790	48.16 0.78 0.00	40.03 0.67 0.00	42.17 0.69 0.00	39.78 0.61 0.00	39.60 0.53 0.00	42.80 0.65 0.00	50.58 0.72 0.00	51.78 0.66 0.00	57.35 0.74 0.00	58.37 0.86 0.00	92.91 1.61 0.00	101.97 1.66 0.00	101.56 1.96 0.00	65.44 1.48 0.00	87.84 2.03 0.00	90.63 1.99 0.00	91.73 1.57 0.00	111.55 1.92 0.00	127.67 2.84 0.00	153.18 3.67 0.00	104.47 3.21 0.00	81.58 1.68 0.00	79.41 1.38 0.00	55.68 1.03 0.00

BIXINCNT_115KV_LOAD 355685	49.97 2.60 0.00	41.57 2.22 0.00	43.05 1.57 0.00	40.17 0.99 0.00	39.80 0.73 0.00	43.15 1.01 0.00	51.43 1.57 0.00	52.25 1.13 0.00	58.72 2.11 0.00	60.24 2.73 0.00	95.47 4.16 0.00	104.67 4.36 0.00	104.42 4.82 0.00	66.22 2.25 0.00	88.52 2.71 0.00	91.35 2.72 0.00	92.87 2.71 0.00	113.69 4.06 0.00	130.40 5.57 0.00	158.88 9.37 0.00	108.43 7.18 0.00	83.39 3.49 0.00	82.01 3.98 0.00	57.94 3.30 0.00
BLACK RIVER___HYD 24047	50.08 2.69 -0.01	41.07 1.66 -0.05	42.96 1.42 -0.06	40.86 1.67 -0.01	41.01 1.94 0.00	44.67 2.47 -0.05	53.96 3.47 -0.63	54.82 3.63 -0.07	61.18 4.26 -0.32	61.94 4.25 -0.18	102.01 7.19 -3.52	111.78 7.45 -4.02	110.24 7.30 -3.33	67.41 3.44 0.00	90.10 4.29 0.00	92.69 3.59 -0.46	93.81 3.66 0.00	114.07 4.43 0.00	131.38 6.55 0.00	160.63 10.79 -0.32	110.80 8.81 -0.73	87.53 6.85 -0.77	86.27 6.33 -1.91	58.55 3.76 -0.14
BLACKRVR_115KV_TB2 79977	50.08 2.70 -0.01	41.07 1.66 -0.05	42.96 1.42 -0.06	40.86 1.67 -0.01	41.01 1.94 0.00	44.67 2.47 -0.05	53.96 3.47 -0.63	54.82 3.64 -0.07	61.18 4.26 -0.32	61.94 4.25 -0.18	102.01 7.19 -3.52	111.76 7.43 -4.02	110.22 7.29 -3.33	67.41 3.44 0.00	90.10 4.29 0.00	92.69 3.59 -0.46	93.81 3.65 0.00	114.07 4.44 0.00	131.38 6.55 0.00	160.63 10.79 -0.32	110.80 8.82 -0.73	87.53 6.85 -0.77	86.27 6.34 -1.91	58.55 3.76 -0.14
BLDWN_LI_69_KV_BK4 356085	51.04 3.12 -0.55	42.08 2.73 0.00	44.42 2.94 0.00	41.85 2.67 0.00	41.59 2.52 0.00	44.73 2.58 0.00	52.14 2.28 0.00	52.08 1.85 0.88	53.09 1.78 5.30	59.29 1.78 0.00	93.66 2.98 0.63	83.51 4.37 21.17	79.53 4.61 24.67	67.92 3.94 -0.01	90.84 4.98 -0.05	94.23 5.54 -0.04	98.67 5.75 -2.76	116.35 6.49 -0.23	128.00 5.84 2.67	154.03 6.88 2.37	106.54 5.28 0.00	84.08 3.00 -1.18	80.92 1.82 -1.08	55.67 1.69 0.66
BLISS_WT_PWR 323608	49.92 2.54 0.00	41.54 2.18 0.00	43.04 1.56 0.00	40.17 0.99 0.00	39.80 0.72 0.00	43.17 1.02 0.00	51.46 1.60 0.00	52.25 1.13 0.00	58.73 2.13 0.00	60.28 2.78 0.00	95.58 4.28 0.00	104.82 4.51 0.00	104.56 4.96 0.00	66.26 2.30 0.00	88.56 2.75 0.00	91.38 2.74 0.00	92.92 2.76 0.00	113.69 4.06 0.00	130.36 5.53 0.00	158.92 9.40 0.00	108.47 7.22 0.00	83.44 3.53 0.00	82.03 4.00 0.00	57.97 3.32 0.00
BLUESTONE___WT_PWR 323821	49.79 2.41 0.00	41.69 2.33 0.00	43.82 2.34 0.00	40.86 1.68 0.00	40.70 1.63 0.00	44.56 2.41 0.00	52.35 2.49 0.00	53.80 2.68 0.00	60.01 3.40 0.00	61.22 3.72 0.00	97.43 6.13 0.00	106.98 6.68 0.00	106.35 6.74 0.00	68.74 4.77 0.00	92.58 6.77 0.00	95.43 6.79 0.00	95.65 5.49 0.00	118.23 8.59 0.00	135.62 10.79 0.00	162.63 13.11 0.00	110.73 9.48 0.00	86.43 6.52 0.00	83.69 5.66 0.00	58.41 3.76 0.00
BLUE_CIRC_CHEM_DRP 24182	46.68 -0.43 0.26	39.04 -0.32 0.00	41.39 -0.09 0.00	39.19 0.01 0.00	39.09 0.03 0.00	42.09 -0.06 0.00	49.39 -0.48 0.00	50.50 -0.62 0.00	55.73 -0.87 0.00	56.46 -1.05 0.00	89.60 -1.70 0.00	98.64 -1.67 0.00	98.19 -1.42 0.00	63.16 -0.80 0.00	84.64 -1.17 0.00	87.39 -1.25 0.00	88.83 -1.33 0.00	108.10 -1.53 0.00	123.17 -1.67 0.00	147.29 -2.23 0.00	100.07 -1.18 0.00	78.97 -0.94 0.00	76.65 -1.37 0.00	53.85 -0.80 0.00
BOC_GAS_DRP 24189	47.41 0.28 0.25	39.63 0.27 0.00	42.00 0.52 0.00	39.74 0.56 0.00	39.63 0.56 0.00	42.68 0.53 0.00	50.09 0.23 0.00	51.20 0.09 0.00	56.59 -0.02 0.00	57.41 -0.09 0.00	91.21 -0.09 0.00	100.41 0.10 0.00	99.93 0.32 0.00	64.39 0.42 0.00	86.27 0.47 0.00	89.03 0.39 0.00	90.53 0.37 0.00	109.89 0.26 0.00	125.15 0.32 0.00	149.62 0.10 0.00	101.72 0.47 0.00	80.11 0.21 0.00	77.77 -0.26 0.00	54.64 -0.01 0.00
BOONVILLE_115KV_TB1 79983	49.04 1.66 0.00	40.47 1.11 0.00	42.54 1.05 0.00	40.34 1.16 0.00	40.37 1.30 0.00	43.72 1.57 0.00	51.93 2.06 0.00	53.25 2.14 0.00	59.14 2.53 0.00	60.09 2.58 0.00	95.47 4.16 0.00	104.61 4.30 0.00	103.89 4.28 0.00	66.69 2.73 0.00	89.22 3.41 0.00	91.99 3.35 0.00	93.75 3.59 0.00	113.86 4.23 0.00	130.26 5.43 0.00	157.10 7.58 0.00	106.98 5.73 0.00	84.31 4.41 0.00	82.02 3.99 0.00	57.17 2.52 0.00
BORALEX_4TH_BRANCH 23824	48.04 1.75 1.08	40.92 1.56 0.00	43.29 1.81 0.00	40.83 1.65 0.00	40.75 1.68 0.00	43.97 1.81 0.00	51.71 1.84 0.00	52.74 1.62 0.00	58.12 1.52 0.00	58.98 1.48 0.00	93.73 2.43 0.00	102.96 2.65 0.00	102.61 3.01 0.00	65.77 1.80 0.00	88.19 2.38 0.00	90.59 1.95 0.00	92.19 2.03 0.00	112.68 3.05 0.00	129.52 4.68 0.00	154.60 5.08 0.00	105.11 3.85 0.00	82.98 3.08 0.00	80.42 2.39 0.00	56.68 2.03 0.00
BOWLINE___1 23526	49.92 2.02 -0.51	41.04 1.68 0.00	43.42 1.93 0.00	40.97 1.80 0.00	40.74 1.68 0.00	43.87 1.72 0.00	51.48 1.62 0.00	52.73 1.62 0.00	58.29 1.68 0.00	59.14 1.63 0.00	94.09 2.78 0.00	103.98 3.67 0.00	103.50 3.90 0.00	66.86 2.89 0.00	89.62 3.81 0.00	92.81 4.16 0.00	94.39 4.23 0.00	114.17 4.54 0.00	129.27 4.43 0.00	154.37 4.86 0.00	105.07 3.82 0.00	82.33 2.43 0.00	79.65 1.63 0.00	56.17 1.53 0.00
BOWLINE___2 23595	49.92 2.02 -0.51	41.04 1.68 0.00	43.42 1.93 0.00	40.97 1.80 0.00	40.74 1.68 0.00	43.87 1.72 0.00	51.48 1.62 0.00	52.73 1.62 0.00	58.29 1.68 0.00	59.13 1.62 0.00	94.02 2.72 0.00	103.87 3.56 0.00	103.33 3.73 0.00	66.75 2.78 0.00	89.46 3.66 0.00	92.64 4.00 0.00	94.22 4.06 0.00	113.97 4.34 0.00	129.04 4.20 0.00	154.13 4.61 0.00	104.89 3.64 0.00	82.20 2.30 0.00	79.50 1.47 0.00	56.08 1.44 0.00
BRADY___115KV_TB2 356060	47.98 0.60 0.00	39.79 0.44 0.00	41.75 0.26 0.00	39.43 0.25 0.00	39.45 0.38 0.00	42.70 0.54 0.00	51.03 1.16 0.00	52.39 1.28 0.00	57.72 1.12 0.00	58.56 1.05 0.00	92.87 1.57 0.00	101.14 0.83 0.00	99.88 0.27 0.00	63.62 -0.35 0.00	85.53 -0.27 0.00	88.33 -0.31 0.00	90.16 0.00 0.00	109.63 0.00 0.00	124.53 -0.30 0.00	150.36 0.84 0.00	101.95 0.69 0.00	81.21 1.31 0.00	80.15 2.12 0.00	56.04 1.39 0.00
BRANSCOMB___SOLAR 323811	49.23 2.39 0.54	41.34 1.98 0.00	43.71 2.23 0.00	41.26 2.08 0.00	41.16 2.09 0.00	44.44 2.29 0.00	52.32 2.46 0.00	53.36 2.25 0.00	58.92 2.31 0.00	59.54 2.03 0.00	94.71 3.40 0.00	104.37 4.06 0.00	103.55 3.95 0.00	66.44 2.48 0.00	89.21 3.40 0.00	92.30 3.67 0.00	94.31 4.15 0.00	115.30 5.67 0.00	132.26 7.42 0.00	158.19 8.67 0.00	107.60 6.34 0.00	84.63 4.72 0.00	81.90 3.87 0.00	57.39 2.74 0.00
BRDGHMPT_69_KV_BK1 55812	51.69 3.76 -0.55	42.75 3.39 0.00	45.14 3.66 0.00	42.47 3.29 0.00	42.14 3.07 0.00	45.29 3.14 0.00	52.73 2.87 0.00	51.71 2.37 1.78	46.48 2.87 12.99	60.73 3.22 0.00	94.74 5.04 1.60	65.09 6.91 42.14	72.51 7.26 34.35	69.76 5.82 0.03	92.86 7.26 0.21	96.61 8.15 0.17	101.71 8.91 -2.64	120.28 10.41 -0.23	131.02 9.88 3.70	156.01 10.89 4.40	108.43 7.18 0.00	76.93 3.82 6.79	43.37 2.86 37.52	55.32 1.99 1.33

BRENTWOD_69_KV_W. BRTWOOD 56703	50.86 2.94 -0.55	42.03 2.67 0.00	44.44 2.95 0.00	41.85 2.67 0.00	41.57 2.49 0.00	44.69 2.54 0.00	51.91 2.04 0.00	50.81 1.44 1.74	44.74 1.35 13.22	58.98 1.47 0.00	92.19 2.45 1.57	63.05 4.03 41.29	69.91 3.96 33.65	67.65 3.72 0.03	89.69 4.06 0.18	93.12 4.63 0.15	97.80 4.99 -2.65	115.50 5.64 -0.23	125.90 4.69 3.62	150.48 5.25 4.30	105.31 4.05 0.00	75.48 2.13 6.56	42.77 1.10 36.36	54.62 1.27 1.30
BRISTLHL_115KV_TB1 79998	47.03 -0.37 -0.02	39.15 -0.33 -0.12	41.21 -0.42 -0.15	38.76 -0.44 -0.02	38.60 -0.47 0.00	41.80 -0.48 -0.13	50.87 -0.56 -1.56	50.71 -0.59 -0.18	56.84 -0.55 -0.79	57.44 -0.51 -0.45	99.40 -0.64 -8.74	109.61 -0.71 -10.00	107.54 -0.35 -8.29	63.79 -0.17 0.00	85.51 -0.30 0.00	89.32 -0.45 -1.14	89.47 -0.68 0.00	108.84 -0.79 0.00	124.35 -0.48 0.00	150.25 -0.06 -0.80	103.37 0.30 -1.81	81.55 -0.26 -1.91	82.27 -0.50 -4.75	54.56 -0.44 -0.36
BROOKHAVEN___DRP 24191	50.27 2.35 -0.55	41.57 2.21 0.00	43.92 2.44 0.00	41.36 2.18 0.00	41.06 1.99 0.00	44.14 1.99 0.00	51.28 1.42 0.00	50.12 0.78 1.78	44.49 0.85 12.96	58.44 0.94 0.00	91.33 1.64 1.61	61.50 3.35 42.15	68.67 3.43 34.37	67.23 3.29 0.03	89.44 3.84 0.21	92.97 4.50 0.17	97.80 5.01 -2.64	115.60 5.74 -0.23	125.93 4.80 3.70	150.31 5.20 4.40	105.08 3.83 0.00	74.64 1.53 6.79	40.86 0.38 37.55	53.90 0.58 1.33
BROOKLYN_NAVY_YARD 23515	50.41 2.48 -0.55	41.52 2.16 0.00	43.92 2.44 0.00	41.45 2.27 0.00	41.23 2.16 0.00	44.38 2.23 0.00	52.05 2.19 0.00	53.27 2.15 0.00	58.88 2.28 0.00	59.71 2.21 0.00	95.15 3.73 -0.12	105.59 4.83 -0.45	104.93 5.32 0.00	67.90 3.94 0.00	90.95 5.14 0.00	94.01 5.37 0.00	95.59 5.43 0.00	115.49 5.85 0.00	130.45 5.62 0.00	155.99 6.47 0.00	106.26 5.00 0.00	83.13 3.23 0.00	80.30 2.27 0.00	56.72 2.07 0.00
BROOKLYN___ARMY_DRP 323595	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
BROOME_2_LFGE 323671	48.16 0.78 0.00	40.03 0.67 0.00	42.17 0.69 0.00	39.78 0.61 0.00	39.60 0.53 0.00	42.80 0.65 0.00	50.58 0.72 0.00	51.78 0.66 0.00	57.35 0.75 0.00	58.37 0.86 0.00	92.92 1.62 0.00	101.96 1.65 0.00	101.55 1.95 0.00	65.44 1.48 0.00	87.85 2.04 0.00	90.63 1.99 0.00	91.73 1.57 0.00	111.55 1.91 0.00	127.69 2.85 0.00	153.19 3.67 0.00	104.47 3.21 0.00	81.57 1.67 0.00	79.40 1.37 0.00	55.68 1.03 0.00
BROOME___LFGE 323600	48.16 0.78 0.00	40.03 0.67 0.00	42.17 0.69 0.00	39.78 0.61 0.00	39.60 0.53 0.00	42.80 0.65 0.00	50.58 0.72 0.00	51.78 0.66 0.00	57.35 0.75 0.00	58.37 0.86 0.00	92.92 1.62 0.00	101.96 1.65 0.00	101.55 1.95 0.00	65.44 1.48 0.00	87.85 2.04 0.00	90.63 1.99 0.00	91.73 1.57 0.00	111.55 1.91 0.00	127.69 2.85 0.00	153.19 3.67 0.00	104.47 3.21 0.00	81.57 1.67 0.00	79.40 1.37 0.00	55.68 1.03 0.00
BROWNFLS_115KV_TB_3_5 80003	48.29 0.90 0.00	39.78 0.40 -0.02	41.71 0.20 -0.02	39.59 0.41 0.00	39.68 0.61 0.00	43.10 0.92 -0.02	51.64 1.54 -0.24	52.83 1.69 -0.03	58.62 1.89 -0.12	59.38 1.81 -0.07	95.55 2.93 -1.31	104.39 2.58 -1.51	103.23 2.38 -1.25	64.88 0.91 0.00	86.75 0.94 0.00	89.42 0.61 -0.17	90.84 0.68 0.00	110.49 0.86 0.00	126.16 1.33 0.00	152.84 3.20 -0.12	104.24 2.71 -0.27	82.84 2.65 -0.29	81.81 3.06 -0.72	56.65 1.94 -0.05
BROWNSV1_27_KV_LOAD 356125	51.11 3.18 -0.55	42.07 2.71 0.00	44.47 2.98 0.00	41.95 2.77 0.00	41.71 2.64 0.00	44.93 2.78 0.00	52.73 2.86 0.00	53.97 2.86 0.00	59.66 3.05 0.00	60.57 3.06 0.00	96.49 5.18 0.00	106.77 6.46 0.00	106.52 6.91 0.00	68.91 4.94 0.00	92.33 6.52 0.00	95.48 6.84 0.00	97.08 6.92 0.00	117.25 7.62 0.00	132.47 7.64 0.00	158.42 8.90 0.00	107.83 6.58 0.00	84.32 4.42 0.00	81.45 3.42 0.00	57.51 2.86 0.00
BURROWS___LYONSDAL 23803	49.03 1.65 0.00	40.38 1.01 -0.01	42.41 0.91 -0.02	40.29 1.11 0.00	40.35 1.28 0.00	43.77 1.60 -0.01	52.19 2.17 -0.16	53.39 2.26 -0.02	59.36 2.67 -0.08	60.28 2.73 -0.05	96.61 4.40 -0.90	105.81 4.47 -1.04	104.89 4.42 -0.86	66.67 2.70 0.00	89.10 3.29 0.00	91.98 3.23 -0.12	93.62 3.46 0.00	113.71 4.08 0.00	130.15 5.31 0.00	157.26 7.66 -0.08	107.32 5.88 -0.19	84.73 4.63 -0.20	82.77 4.24 -0.50	57.33 2.65 -0.04
CAITHNESS_CC_1 323624	50.22 2.29 -0.55	41.53 2.17 0.00	43.89 2.41 0.00	41.33 2.15 0.00	41.04 1.96 0.00	44.11 1.96 0.00	51.23 1.37 0.00	50.07 0.73 1.78	44.41 0.74 12.94	58.34 0.83 0.00	91.11 1.41 1.61	61.17 3.04 42.17	68.36 3.14 34.38	67.10 3.16 0.03	89.27 3.67 0.21	92.77 4.30 0.18	97.55 4.75 -2.64	115.26 5.40 -0.23	125.56 4.42 3.70	149.92 4.80 4.41	104.83 3.58 0.00	74.48 1.37 6.80	40.64 0.19 37.58	53.84 0.52 1.33
CALPINE BETH_PAGE_GT4 24209	50.58 2.65 -0.55	41.87 2.52 0.00	44.21 2.73 0.00	41.67 2.49 0.00	41.40 2.33 0.00	44.54 2.39 0.00	51.85 1.98 0.00	51.21 1.40 1.30	49.68 1.22 8.15	58.83 1.32 0.00	92.53 2.35 1.13	73.69 3.89 30.51	77.33 4.06 26.34	67.51 3.55 0.00	90.25 4.45 0.01	93.64 5.01 0.01	98.14 5.25 -2.73	115.66 5.79 -0.23	126.81 4.83 2.85	151.82 5.47 3.16	105.46 4.21 0.00	78.50 2.01 3.42	58.09 0.78 20.72	54.69 1.02 0.97
CALPINE_BETH_PAGE_GT_4 323586	50.57 2.65 -0.55	41.87 2.52 0.00	44.22 2.73 0.00	41.67 2.49 0.00	41.40 2.33 0.00	44.54 2.39 0.00	51.85 1.98 0.00	51.21 1.40 1.30	49.67 1.22 8.15	58.83 1.32 0.00	92.48 2.31 1.13	73.59 3.79 30.51	77.25 3.99 26.34	67.51 3.55 0.00	90.24 4.44 0.01	93.63 5.00 0.01	98.14 5.25 -2.73	115.64 5.78 -0.23	126.81 4.82 2.85	151.82 5.47 3.16	105.45 4.20 0.00	78.48 1.99 3.42	58.10 0.80 20.72	54.69 1.01 0.97
CALPINE_BP_GT1 23823	50.57 2.65 -0.55	41.87 2.52 0.00	44.22 2.73 0.00	41.67 2.49 0.00	41.40 2.33 0.00	44.54 2.39 0.00	51.85 1.98 0.00	51.21 1.40 1.30	49.67 1.22 8.15	58.83 1.32 0.00	92.48 2.31 1.13	73.59 3.79 30.51	77.25 3.99 26.34	67.51 3.55 0.00	90.24 4.44 0.01	93.63 5.00 0.01	98.14 5.25 -2.73	115.64 5.78 -0.23	126.81 4.82 2.85	151.82 5.47 3.16	105.45 4.20 0.00	78.48 1.99 3.42	58.10 0.80 20.72	54.69 1.01 0.97
CALSPAN___DRP 24200	49.91 2.54 0.00	41.54 2.19 0.00	42.87 1.39 0.00	39.92 0.74 0.00	39.52 0.45 0.00	42.77 0.62 0.00	50.97 1.11 0.00	51.61 0.49 0.00	58.02 1.41 0.00	59.53 2.03 0.00	94.62 3.31 0.00	103.90 3.59 0.00	103.84 4.24 0.00	65.86 1.89 0.00	88.04 2.23 0.00	90.79 2.15 0.00	92.07 1.91 0.00	112.72 3.09 0.00	129.24 4.41 0.00	157.30 7.78 0.00	107.11 5.86 0.00	82.38 2.47 0.00	81.19 3.17 0.00	57.28 2.63 0.00

CALVERTON___SOLAR 323806	50.41 2.49 -0.55	41.68 2.32 0.00	44.04 2.56 0.00	41.45 2.27 0.00	41.15 2.08 0.00	44.23 2.08 0.00	51.41 1.55 0.00	50.27 0.93 1.78	44.69 1.05 12.97	58.67 1.16 0.00	91.63 1.93 1.60	61.74 3.58 42.15	68.97 3.72 34.37	67.48 3.54 0.03	89.78 4.18 0.21	93.35 4.89 0.17	98.25 5.46 -2.64	116.16 6.30 -0.23	126.56 5.43 3.70	151.04 5.93 4.40	105.50 4.25 0.00	74.90 1.79 6.79	41.13 0.64 37.54	54.07 0.75 1.33
CANDIGU_WT_PWR 323617	48.82 1.45 0.00	40.64 1.28 0.00	42.46 0.98 0.00	39.84 0.67 0.00	39.59 0.52 0.00	42.86 0.71 0.00	50.86 1.00 0.00	51.69 0.57 0.00	57.38 0.77 0.00	58.64 1.13 0.00	93.45 2.14 0.00	102.42 2.11 0.00	102.06 2.46 0.00	65.25 1.29 0.00	87.15 1.35 0.00	90.11 1.47 0.00	90.84 0.68 0.00	111.07 1.44 0.00	127.55 2.71 0.00	154.43 4.92 0.00	105.87 4.61 0.00	82.06 2.16 0.00	80.41 2.38 0.00	56.55 1.90 0.00
CARR STREET_E_SYR 24060	47.26 -0.12 0.00	39.22 -0.14 0.00	41.24 -0.24 0.00	38.89 -0.28 0.00	38.74 -0.33 0.00	41.83 -0.33 0.00	49.50 -0.37 0.00	50.70 -0.41 0.00	56.30 -0.31 0.00	57.36 -0.15 0.00	91.21 -0.09 0.00	100.23 -0.08 0.00	99.93 0.33 0.00	64.28 0.31 0.00	86.19 0.38 0.00	88.82 0.18 0.00	90.12 -0.04 0.00	109.52 -0.12 0.00	125.10 0.27 0.00	150.30 0.78 0.00	102.20 0.95 0.00	80.10 0.20 0.00	77.93 -0.09 0.00	54.52 -0.13 0.00
CARTHAGE___PAPER 23857	49.86 2.48 -0.01	40.90 1.50 -0.04	42.81 1.28 -0.05	40.76 1.57 -0.01	40.91 1.84 0.00	44.54 2.34 -0.04	53.69 3.31 -0.52	54.60 3.43 -0.06	60.88 4.01 -0.26	61.62 3.96 -0.15	100.74 6.52 -2.91	110.26 6.63 -3.33	108.90 6.54 -2.76	67.09 3.12 0.00	89.50 3.69 0.00	92.33 3.31 -0.38	93.65 3.49 0.00	114.06 4.42 0.00	130.94 6.10 0.00	159.79 10.00 -0.26	109.85 7.99 -0.60	87.00 6.47 -0.64	85.70 6.10 -1.58	58.49 3.72 -0.12
CASSADAGA_WT_PWR 323784	51.20 3.82 0.00	42.63 3.27 0.00	43.98 2.50 0.00	40.90 1.72 0.00	40.60 1.53 0.00	43.96 1.81 0.00	52.33 2.47 0.00	53.04 1.93 0.00	59.81 3.20 0.00	61.38 3.88 0.00	97.76 6.46 0.00	107.44 7.13 0.00	107.13 7.53 0.00	67.81 3.84 0.00	90.51 4.70 0.00	93.04 4.40 0.00	94.56 4.40 0.00	116.08 6.45 0.00	133.51 8.68 0.00	163.11 13.59 0.00	111.26 10.00 0.00	85.38 5.48 0.00	83.83 5.80 0.00	58.98 4.33 0.00
CE_DUNWOOD___DRP 24194	50.17 2.25 -0.54	41.28 1.92 0.00	43.67 2.19 0.00	41.22 2.04 0.00	41.01 1.94 0.00	44.15 2.00 0.00	51.81 1.94 0.00	53.01 1.90 0.00	58.57 1.97 0.00	59.45 1.95 0.00	94.65 3.35 0.00	104.64 4.33 0.00	104.30 4.70 0.00	67.42 3.45 0.00	90.34 4.53 0.00	93.44 4.80 0.00	95.05 4.89 0.00	114.97 5.33 0.00	130.09 5.26 0.00	155.42 5.90 0.00	105.75 4.49 0.00	82.82 2.92 0.00	80.08 2.05 0.00	56.48 1.83 0.00
CE_MILLWOOD___DRP 24193	50.07 2.15 -0.54	41.19 1.83 0.00	43.57 2.09 0.00	41.13 1.95 0.00	40.90 1.83 0.00	44.05 1.90 0.00	51.69 1.83 0.00	52.89 1.78 0.00	58.46 1.85 0.00	59.32 1.82 0.00	94.43 3.13 0.00	104.38 4.07 0.00	104.01 4.41 0.00	67.22 3.25 0.00	90.08 4.27 0.00	93.20 4.55 0.00	94.78 4.62 0.00	114.66 5.02 0.00	129.80 4.97 0.00	155.08 5.56 0.00	105.51 4.26 0.00	82.64 2.74 0.00	79.93 1.90 0.00	56.36 1.71 0.00
CE_NYC2_DRP 24202	50.34 2.42 -0.55	41.53 2.18 0.00	43.97 2.49 0.00	41.49 2.32 0.00	41.27 2.20 0.00	44.42 2.27 0.00	52.01 2.15 0.00	53.18 2.07 0.00	58.73 2.13 0.00	59.59 2.08 0.00	94.85 3.55 0.00	104.93 4.62 0.00	104.70 5.10 0.00	67.77 3.80 0.00	90.72 4.91 0.00	93.70 5.06 0.00	95.31 5.15 0.00	115.09 5.45 0.00	129.88 5.08 0.03	151.72 5.79 3.58	105.38 4.47 0.35	65.73 2.82 16.99	63.33 1.89 16.59	52.78 1.84 3.70
CE_NYC_DRP 24195	50.49 2.57 -0.55	41.57 2.21 0.00	43.98 2.50 0.00	41.51 2.33 0.00	41.29 2.22 0.00	44.46 2.31 0.00	52.15 2.28 0.00	53.37 2.25 0.00	58.96 2.35 0.00	59.85 2.35 0.00	95.30 4.00 0.00	105.41 5.10 0.00	105.17 5.57 0.00	68.05 4.08 0.00	91.13 5.32 0.00	94.19 5.55 0.00	95.77 5.61 0.00	115.71 6.08 0.00	130.71 5.88 0.00	156.27 6.75 0.00	106.39 5.13 0.00	83.26 3.35 0.00	80.43 2.39 -0.01	56.81 2.16 0.00
CHAFFEE___LFGE 323603	50.08 2.70 0.00	41.66 2.30 0.00	43.02 1.54 0.00	40.07 0.90 0.00	39.68 0.61 0.00	42.94 0.79 0.00	51.21 1.35 0.00	51.90 0.78 0.00	58.34 1.73 0.00	59.81 2.31 0.00	95.06 3.75 0.00	104.41 4.10 0.00	104.35 4.75 0.00	66.15 2.19 0.00	88.46 2.66 0.00	91.26 2.62 0.00	92.61 2.45 0.00	113.51 3.87 0.00	130.16 5.33 0.00	158.38 8.86 0.00	107.81 6.55 0.00	82.90 3.01 0.00	81.60 3.57 0.00	57.48 2.83 0.00
CHATEAUG_35_KV_LOAD 355732	46.51 -0.87 0.00	38.54 -0.82 0.00	40.56 -0.92 0.00	38.28 -0.90 0.00	38.30 -0.78 0.00	41.45 -0.70 0.00	49.55 -0.32 0.00	50.85 -0.27 0.00	56.32 -0.28 0.00	56.96 -0.54 0.00	90.11 -1.20 0.00	98.73 -1.58 0.00	98.03 -1.58 0.00	62.71 -1.26 0.00	84.39 -1.42 0.00	87.46 -1.18 0.00	89.38 -0.78 0.00	109.10 -0.53 0.00	123.92 -0.91 0.00	148.59 -0.93 0.00	100.46 -0.80 0.00	79.81 -0.09 0.00	78.10 0.08 0.00	54.46 -0.19 0.00
CHATEAUG_WT_PWR 323614	46.40 -0.98 0.00	38.49 -0.86 0.00	40.53 -0.95 0.00	38.25 -0.93 0.00	38.24 -0.84 0.00	41.37 -0.78 0.00	49.43 -0.43 0.00	50.72 -0.40 0.00	56.18 -0.43 0.00	56.91 -0.60 0.00	90.05 -1.26 0.00	98.70 -1.61 0.00	98.04 -1.56 0.00	62.76 -1.21 0.00	84.44 -1.37 0.00	87.56 -1.08 0.00	89.48 -0.68 0.00	109.21 -0.42 0.00	124.06 -0.77 0.00	148.51 -1.01 0.00	100.28 -0.98 0.00	79.59 -0.32 0.00	77.91 -0.12 0.00	54.35 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	46.51 -0.87 0.00	38.54 -0.82 0.00	40.56 -0.92 0.00	38.28 -0.90 0.00	38.30 -0.78 0.00	41.45 -0.70 0.00	49.55 -0.32 0.00	50.85 -0.27 0.00	56.32 -0.28 0.00	56.96 -0.54 0.00	90.11 -1.20 0.00	98.73 -1.58 0.00	98.03 -1.58 0.00	62.71 -1.26 0.00	84.39 -1.42 0.00	87.46 -1.18 0.00	89.38 -0.78 0.00	109.10 -0.53 0.00	123.92 -0.91 0.00	148.59 -0.93 0.00	100.46 -0.80 0.00	79.81 -0.09 0.00	78.10 0.08 0.00	54.46 -0.19 0.00
CHAUTAUQUA___LFGE 323629	50.64 3.27 0.00	42.18 2.82 0.00	43.51 2.03 0.00	40.50 1.32 0.00	40.14 1.07 0.00	43.45 1.29 0.00	51.77 1.91 0.00	52.42 1.30 0.00	59.02 2.41 0.00	60.58 3.08 0.00	96.43 5.12 0.00	105.93 5.62 0.00	105.73 6.13 0.00	66.93 2.96 0.00	89.34 3.53 0.00	91.95 3.31 0.00	93.33 3.17 0.00	114.46 4.83 0.00	131.45 6.61 0.00	160.44 10.92 0.00	109.46 8.20 0.00	84.10 4.20 0.00	82.71 4.68 0.00	58.26 3.61 0.00
CHERRYST_13_KV_LD 356241	50.68 2.75 -0.55	41.73 2.37 0.00	44.14 2.66 0.00	41.65 2.48 0.00	41.44 2.37 0.00	44.64 2.49 0.00	52.38 2.51 0.00	53.62 2.50 0.00	59.28 2.67 0.00	60.17 2.66 0.00	95.81 4.50 0.00	106.00 5.69 0.00	105.77 6.17 0.00	68.42 4.46 0.00	91.63 5.83 0.00	94.70 6.06 0.00	96.28 6.12 0.00	116.29 6.66 0.00	131.32 6.49 0.00	156.92 7.40 0.00	106.85 5.60 0.00	83.57 3.67 0.00	80.72 2.69 0.00	57.00 2.35 0.00

CHESTROR_138KV_BK263 355645	49.64 1.80 -0.47	40.85 1.49 0.00	43.19 1.71 0.00	40.79 1.62 0.00	40.59 1.51 0.00	43.70 1.55 0.00	51.32 1.46 0.00	52.55 1.43 0.00	58.09 1.49 0.00	58.93 1.42 0.00	93.79 2.49 0.00	103.62 3.31 0.00	103.07 3.46 0.00	66.53 2.57 0.00	89.20 3.39 0.00	92.36 3.72 0.00	94.08 3.92 0.00	113.89 4.25 0.00	129.08 4.24 0.00	154.18 4.67 0.00	104.85 3.60 0.00	82.20 2.30 0.00	79.59 1.57 0.00	56.05 1.40 0.00
CH_MIDHUDSON___DRP 24192	49.86 2.09 -0.39	41.13 1.77 0.00	43.50 2.02 0.00	41.09 1.91 0.00	40.89 1.82 0.00	44.05 1.90 0.00	51.73 1.87 0.00	52.96 1.85 0.00	58.57 1.96 0.00	59.45 1.94 0.00	94.63 3.33 0.00	104.58 4.26 0.00	104.19 4.59 0.00	67.35 3.38 0.00	90.24 4.43 0.00	93.35 4.70 0.00	95.04 4.88 0.00	115.08 5.45 0.00	130.47 5.64 0.00	155.80 6.28 0.00	105.83 4.58 0.00	82.89 2.99 0.00	80.16 2.14 0.00	56.42 1.77 0.00
CH_MISC_IPPS 23765	50.30 2.50 -0.43	41.43 2.07 0.00	43.80 2.32 0.00	41.35 2.18 0.00	41.15 2.08 0.00	44.34 2.19 0.00	52.09 2.22 0.00	53.35 2.23 0.00	59.06 2.45 0.00	59.97 2.47 0.00	95.51 4.21 0.00	105.60 5.28 0.00	105.19 5.59 0.00	68.01 4.04 0.00	91.16 5.36 0.00	94.43 5.79 0.00	96.18 6.02 0.00	116.45 6.82 0.00	131.86 7.03 0.00	157.43 7.91 0.00	106.92 5.67 0.00	83.68 3.77 0.00	80.90 2.88 0.00	56.91 2.26 0.00
CH_RES_BVR_FALLS 23983	46.93 -0.44 0.00	38.97 -0.39 0.00	41.03 -0.46 0.00	38.79 -0.39 0.00	38.75 -0.32 0.00	41.86 -0.30 0.00	49.71 -0.16 0.00	50.99 -0.13 0.00	56.48 -0.12 0.00	57.37 -0.13 0.00	91.03 -0.27 0.00	99.89 -0.42 0.00	99.15 -0.45 0.00	63.56 -0.40 0.00	85.33 -0.48 0.00	88.21 -0.43 0.00	89.82 -0.34 0.00	109.28 -0.35 0.00	124.26 -0.58 0.00	148.88 -0.64 0.00	100.66 -0.59 0.00	79.58 -0.33 0.00	77.92 -0.10 0.00	54.55 -0.10 0.00
CH_RES_NIAGARA 23895	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.51 -0.36 0.00	49.99 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.61 0.31 0.00	100.64 0.33 0.00	100.52 0.91 0.00	63.61 -0.36 0.00	85.03 -0.78 0.00	87.47 -1.16 0.00	88.11 -2.05 0.00	107.76 -1.87 0.00	123.30 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.68 -1.22 0.00	77.93 -0.09 0.00	55.17 0.52 0.00
CH_RES_SYRACUSE 23985	47.47 0.09 -0.01	39.46 0.06 -0.05	41.49 -0.05 -0.06	39.08 -0.11 -0.01	38.92 -0.16 0.00	42.09 -0.12 -0.05	50.36 -0.13 -0.63	51.03 -0.16 -0.07	56.85 -0.07 -0.31	57.73 0.05 -0.18	95.05 0.26 -3.48	104.55 0.26 -3.99	103.58 0.68 -3.30	64.48 0.52 0.00	86.53 0.72 0.00	89.60 0.50 -0.46	90.49 0.32 0.00	110.01 0.37 0.00	125.68 0.85 0.00	151.39 1.55 -0.32	103.44 1.46 -0.72	81.33 0.66 -0.77	80.22 0.29 -1.90	54.94 0.15 -0.14
CLINTON_WT_PWR 323605	46.40 -0.98 0.00	38.49 -0.86 0.00	40.53 -0.95 0.00	38.25 -0.93 0.00	38.24 -0.84 0.00	41.37 -0.78 0.00	49.43 -0.43 0.00	50.72 -0.40 0.00	56.18 -0.43 0.00	56.91 -0.60 0.00	90.05 -1.26 0.00	98.70 -1.61 0.00	98.04 -1.56 0.00	62.76 -1.21 0.00	84.44 -1.37 0.00	87.56 -1.08 0.00	89.48 -0.68 0.00	109.21 -0.42 0.00	124.06 -0.77 0.00	148.51 -1.01 0.00	100.28 -0.98 0.00	79.59 -0.32 0.00	77.91 -0.12 0.00	54.35 -0.30 0.00
CLINTON___LFGE 323618	46.74 -0.64 0.00	38.74 -0.62 0.00	40.77 -0.71 0.00	38.48 -0.70 0.00	38.46 -0.61 0.00	41.62 -0.53 0.00	49.76 -0.11 0.00	50.97 -0.15 0.00	56.46 -0.15 0.00	57.25 -0.26 0.00	90.36 -0.94 0.00	99.01 -1.30 0.00	98.62 -0.98 0.00	63.35 -0.62 0.00	85.12 -0.69 0.00	88.35 -0.29 0.00	90.40 0.25 0.00	110.43 0.79 0.00	125.75 0.92 0.00	150.46 0.94 0.00	101.90 0.65 0.00	80.97 1.06 0.00	78.79 0.77 0.00	54.96 0.31 0.00
COBBLENY_34_KV_TB1 80064	50.07 2.69 0.00	41.66 2.30 0.00	43.02 1.54 0.00	40.07 0.90 0.00	39.68 0.61 0.00	42.94 0.79 0.00	51.20 1.34 0.00	51.90 0.78 0.00	58.33 1.73 0.00	59.81 2.30 0.00	95.02 3.71 0.00	104.35 4.04 0.00	104.28 4.68 0.00	66.16 2.19 0.00	88.46 2.66 0.00	91.26 2.62 0.00	92.61 2.45 0.00	113.51 3.88 0.00	130.15 5.32 0.00	158.37 8.85 0.00	107.79 6.54 0.00	82.88 2.98 0.00	81.59 3.57 0.00	57.48 2.83 0.00
COFFEEN___115KV_TB3 355620	50.58 3.19 -0.01	41.47 2.06 -0.05	43.37 1.83 -0.06	41.22 2.03 -0.01	41.35 2.28 0.00	45.05 2.84 -0.05	54.43 3.92 -0.65	55.26 4.07 -0.07	61.74 4.80 -0.33	62.52 4.83 -0.18	103.04 8.11 -3.62	112.90 8.45 -4.15	111.29 8.26 -3.44	67.81 3.85 0.00	90.71 4.90 0.00	93.09 3.98 -0.47	94.18 4.02 0.00	114.51 4.87 0.00	132.04 7.20 0.00	161.82 11.97 -0.33	111.96 9.95 -0.75	88.41 7.72 -0.79	87.10 7.11 -1.97	59.03 4.23 -0.15
COLDSPRG_115KV_BK1 355956	51.23 3.85 0.00	42.56 3.20 0.00	44.02 2.54 0.00	41.02 1.84 0.00	40.70 1.63 0.00	44.09 1.94 0.00	52.57 2.71 0.00	53.50 2.39 0.00	60.19 3.58 0.00	61.66 4.15 0.00	97.69 6.39 0.00	107.07 6.76 0.00	106.63 7.03 0.00	67.54 3.58 0.00	90.33 4.52 0.00	93.08 4.44 0.00	94.71 4.55 0.00	116.32 6.69 0.00	133.69 8.86 0.00	163.00 13.48 0.00	111.20 9.94 0.00	85.33 5.43 0.00	83.79 5.76 0.00	59.03 4.38 0.00
COLONIE_LFGE___ 323577	48.14 1.40 0.64	40.54 1.18 0.00	42.90 1.41 0.00	40.49 1.32 0.00	40.41 1.34 0.00	43.58 1.43 0.00	51.28 1.42 0.00	52.34 1.22 0.00	57.82 1.21 0.00	58.61 1.10 0.00	93.21 1.90 0.00	102.54 2.23 0.00	102.02 2.41 0.00	65.57 1.60 0.00	87.93 2.13 0.00	90.76 2.12 0.00	92.48 2.32 0.00	112.68 3.05 0.00	128.93 4.10 0.00	154.05 4.53 0.00	104.70 3.44 0.00	82.43 2.53 0.00	79.90 1.88 0.00	56.12 1.47 0.00
COOPERNY_115KV_TB1 80082	49.03 1.33 -0.32	40.47 1.11 0.00	42.77 1.29 0.00	40.42 1.25 0.00	40.23 1.16 0.00	43.33 1.18 0.00	50.93 1.06 0.00	52.15 1.04 0.00	57.68 1.07 0.00	58.57 1.06 0.00	93.15 1.85 0.00	102.69 2.38 0.00	102.12 2.52 0.00	65.90 1.94 0.00	88.39 2.58 0.00	91.42 2.78 0.00	93.03 2.87 0.00	112.72 3.09 0.00	127.92 3.09 0.00	152.93 3.41 0.00	104.01 2.75 0.00	81.63 1.73 0.00	79.20 1.17 0.00	55.69 1.04 0.00
COPENHAGEN_WT_PWR 323753	49.50 2.12 -0.01	40.57 1.16 -0.05	42.42 0.88 -0.06	40.40 1.22 -0.01	40.60 1.53 0.00	44.25 2.04 -0.06	53.50 2.96 -0.68	54.38 3.18 -0.08	60.71 3.76 -0.35	61.46 3.76 -0.19	101.54 6.42 -3.81	111.30 6.63 -4.37	109.76 6.54 -3.62	67.03 3.07 0.00	89.59 3.78 0.00	92.24 3.11 -0.50	93.36 3.20 0.00	113.49 3.85 0.00	130.62 5.78 0.00	159.52 9.65 -0.35	109.85 7.80 -0.79	86.71 5.97 -0.83	85.59 5.49 -2.07	58.01 3.20 -0.16
CORNELL_____ 23752	48.94 1.56 0.00	40.64 1.28 0.00	42.74 1.26 0.00	40.30 1.12 0.00	40.11 1.04 0.00	43.40 1.24 0.00	51.36 1.50 0.00	52.59 1.47 0.00	58.20 1.60 0.00	59.03 1.53 0.00	93.94 2.63 0.00	103.16 2.85 0.00	102.95 3.35 0.00	66.40 2.43 0.00	89.34 3.54 0.00	91.73 3.09 0.00	93.10 2.94 0.00	113.21 3.57 0.00	130.01 5.18 0.00	156.63 7.11 0.00	107.02 5.76 0.00	83.77 3.87 0.00	81.35 3.32 0.00	56.86 2.21 0.00

CORONA__KV_TB1 355595	51.06 3.14 -0.55	42.06 2.71 0.00	44.43 2.95 0.00	41.87 2.69 0.00	41.60 2.52 0.00	44.75 2.60 0.00	52.22 2.35 0.00	52.92 1.98 0.18	58.07 1.96 0.50	59.56 2.05 0.00	95.17 3.66 -0.20	106.60 5.26 -1.03	107.61 5.50 -2.51	68.76 4.43 -0.36	94.03 5.69 -2.53	96.78 6.03 -2.11	100.34 6.25 -3.93	116.89 7.02 -0.23	131.47 6.58 -0.05	158.82 7.77 -1.54	107.12 5.86 0.00	91.51 3.30 -8.31	115.25 2.00 -35.23	56.39 1.87 0.13
CORTLAND_115KV_TB3 80093	48.38 1.00 0.00	40.17 0.81 0.00	42.29 0.81 0.00	39.91 0.73 0.00	39.75 0.68 0.00	42.97 0.82 0.00	50.84 0.98 0.00	52.06 0.95 0.00	57.69 1.08 0.00	58.63 1.13 0.00	93.21 1.91 0.00	102.34 2.03 0.00	102.03 2.42 0.00	65.78 1.82 0.00	88.30 2.49 0.00	90.91 2.27 0.00	92.26 2.10 0.00	112.17 2.53 0.00	128.42 3.59 0.00	154.34 4.82 0.00	105.26 2.46 0.00	82.43 2.52 0.00	80.11 2.09 0.00	56.04 1.39 0.00
COXSACKIE__GT 23611	49.35 2.15 0.18	41.05 1.69 0.00	43.38 1.90 0.00	41.04 1.87 0.00	40.95 1.88 0.00	44.14 1.99 0.00	51.97 2.11 0.00	53.32 2.20 0.00	58.83 2.22 0.00	59.28 1.77 0.00	93.73 2.42 0.00	103.71 3.40 0.00	102.47 2.86 0.00	66.22 2.25 0.00	88.56 2.76 0.00	91.25 2.62 0.00	94.03 3.87 0.00	116.03 6.40 0.00	132.34 7.51 0.00	157.86 8.34 0.00	107.03 5.77 0.00	84.20 4.30 0.00	81.37 3.35 0.00	56.85 2.20 0.00
CPV_VALLEY__CC1 323721	49.17 1.38 -0.41	40.52 1.16 0.00	42.85 1.37 0.00	40.49 1.31 0.00	40.28 1.21 0.00	43.37 1.22 0.00	50.93 1.07 0.00	52.15 1.04 0.00	57.65 1.05 0.00	58.50 0.99 0.00	93.05 1.75 0.00	102.73 2.42 0.00	102.23 2.63 0.00	65.99 2.03 0.00	88.49 2.68 0.00	91.58 2.94 0.00	93.18 3.02 0.00	112.81 3.18 0.00	127.90 3.06 0.00	152.82 3.30 0.00	103.95 2.69 0.00	81.52 1.62 0.00	78.97 0.95 0.00	55.61 -0.96 0.00
CPV_VALLEY__CC2 323722	49.17 1.38 -0.41	40.52 1.16 0.00	42.85 1.37 0.00	40.49 1.31 0.00	40.28 1.21 0.00	43.37 1.22 0.00	50.93 1.07 0.00	52.15 1.04 0.00	57.65 1.05 0.00	58.50 0.99 0.00	93.05 1.75 0.00	102.73 2.42 0.00	102.23 2.63 0.00	65.99 2.03 0.00	88.49 2.68 0.00	91.58 2.94 0.00	93.18 3.02 0.00	112.81 3.18 0.00	127.90 3.06 0.00	152.82 3.30 0.00	103.95 2.69 0.00	81.52 1.62 0.00	78.97 0.95 0.00	55.61 0.96 0.00
CRESCENT__HYD 24018	48.14 1.40 0.64	40.54 1.18 0.00	42.90 1.41 0.00	40.49 1.32 0.00	40.41 1.34 0.00	43.58 1.43 0.00	51.28 1.42 0.00	52.34 1.22 0.00	57.82 1.21 0.00	58.61 1.10 0.00	93.21 1.90 0.00	102.54 2.23 0.00	102.02 2.41 0.00	65.57 1.60 0.00	87.93 2.13 0.00	90.76 2.12 0.00	92.48 2.32 0.00	112.68 3.05 0.00	128.93 4.10 0.00	154.05 4.53 0.00	104.70 3.44 0.00	82.43 2.53 0.00	79.90 1.88 0.00	56.12 1.47 0.00
CRICKET__VALLEY_CC1 323756	41.61 1.19 6.96	40.43 1.08 0.00	42.77 1.29 0.00	40.41 1.23 0.00	40.23 1.16 0.00	43.34 1.19 0.00	50.91 1.05 0.00	52.10 0.98 0.00	57.50 0.90 0.00	58.41 0.90 0.00	92.94 1.64 0.00	102.58 2.27 0.00	102.23 2.63 0.00	66.08 2.11 0.00	88.47 2.67 0.00	91.31 2.67 0.00	92.93 2.77 0.00	112.72 3.08 0.00	128.14 3.31 0.00	153.24 3.72 0.00	103.98 2.72 0.00	81.49 1.59 0.00	78.82 0.79 0.00	55.48 0.84 0.00
CRICKET__VALLEY_CC2 323757	41.61 1.19 6.96	40.43 1.08 0.00	42.77 1.29 0.00	40.41 1.23 0.00	40.23 1.16 0.00	43.34 1.19 0.00	50.91 1.05 0.00	52.10 0.98 0.00	57.50 0.90 0.00	58.41 0.90 0.00	92.94 1.64 0.00	102.58 2.27 0.00	102.23 2.63 0.00	66.08 2.11 0.00	88.47 2.67 0.00	91.31 2.67 0.00	92.93 2.77 0.00	112.72 3.08 0.00	128.14 3.31 0.00	153.24 3.72 0.00	103.98 2.72 0.00	81.49 1.59 0.00	78.82 0.79 0.00	55.48 0.84 0.00
CRICKET__VALLEY_CC3 323758	41.61 1.19 6.96	40.43 1.08 0.00	42.77 1.29 0.00	40.41 1.23 0.00	40.23 1.16 0.00	43.34 1.19 0.00	50.91 1.05 0.00	52.10 0.98 0.00	57.50 0.90 0.00	58.41 0.90 0.00	92.94 1.64 0.00	102.58 2.27 0.00	102.23 2.63 0.00	66.08 2.11 0.00	88.47 2.67 0.00	91.31 2.67 0.00	92.93 2.77 0.00	112.72 3.08 0.00	128.14 3.31 0.00	153.24 3.72 0.00	103.98 2.72 0.00	81.49 1.59 0.00	78.82 0.79 0.00	55.48 0.84 0.00
CRUCIBLE_METL_DRP 24180	47.47 0.08 -0.01	39.46 0.06 -0.05	41.49 -0.05 -0.06	39.08 -0.11 -0.01	38.92 -0.16 0.00	42.09 -0.12 -0.05	50.36 -0.13 -0.63	51.03 -0.16 -0.07	56.85 -0.07 -0.31	57.73 0.05 -0.18	95.04 0.26 -3.48	104.55 0.25 -3.99	103.56 0.66 -3.30	64.48 0.52 0.00	86.53 0.72 0.00	89.60 0.50 -0.46	90.48 0.32 0.00	110.00 0.36 0.00	125.69 0.85 0.00	151.38 1.54 -0.32	103.44 1.46 -0.72	81.33 0.66 -0.77	80.22 0.29 -1.90	54.94 0.15 -0.14
DAHOWA__HYDRO 323763	49.55 2.69 0.52	41.59 2.23 0.00	43.98 2.50 0.00	41.50 2.33 0.00	41.41 2.34 0.00	44.71 2.56 0.00	52.65 2.79 0.00	53.70 2.58 0.00	59.26 2.65 0.00	59.91 2.40 0.00	95.21 3.91 0.00	104.96 4.65 0.00	104.14 4.54 0.00	66.83 2.86 0.00	89.76 3.95 0.00	92.90 4.26 0.00	94.93 4.77 0.00	116.16 6.53 0.00	133.41 8.58 0.00	159.51 9.99 0.00	108.55 7.30 0.00	85.36 5.46 0.00	82.55 4.52 0.00	57.79 3.14 0.00
DANC__LFGE 323619	48.59 1.20 -0.01	40.03 0.61 -0.07	41.97 0.40 -0.08	39.79 0.60 -0.01	39.85 0.78 0.00	43.31 1.09 -0.07	52.37 1.64 -0.87	52.96 1.75 -0.10	59.17 2.13 -0.44	59.91 2.16 -0.25	99.89 3.72 -4.86	109.67 3.79 -5.56	108.10 3.89 -4.61	65.75 1.79 0.00	87.96 2.15 0.00	90.92 1.65 -0.63	91.74 1.58 0.00	111.45 1.82 0.00	127.97 3.14 0.00	155.73 5.76 -0.44	107.10 4.84 -1.01	84.59 3.62 -1.06	83.94 3.27 -2.64	56.68 1.83 -0.20
DANSKAMMER__1 23586	50.30 2.50 -0.43	41.43 2.07 0.00	43.80 2.32 0.00	41.35 2.18 0.00	41.15 2.08 0.00	44.34 2.19 0.00	52.09 2.22 0.00	53.35 2.23 0.00	59.06 2.45 0.00	59.97 2.47 0.00	95.51 4.21 0.00	105.60 5.28 0.00	105.19 5.59 0.00	68.01 4.04 0.00	91.16 5.36 0.00	94.43 5.79 0.00	96.18 6.02 0.00	116.45 6.82 0.00	131.86 7.03 0.00	157.43 7.91 0.00	106.92 5.67 0.00	83.68 3.77 0.00	80.90 2.88 0.00	56.91 2.26 0.00
DANSKAMMER__2 23589	50.30 2.50 -0.43	41.43 2.07 0.00	43.80 2.32 0.00	41.35 2.18 0.00	41.15 2.08 0.00	44.34 2.19 0.00	52.09 2.22 0.00	53.35 2.23 0.00	59.06 2.45 0.00	59.97 2.47 0.00	95.51 4.21 0.00	105.60 5.28 0.00	105.19 5.59 0.00	68.01 4.04 0.00	91.16 5.36 0.00	94.43 5.79 0.00	96.18 6.02 0.00	116.45 6.82 0.00	131.86 7.03 0.00	157.43 7.91 0.00	106.92 5.67 0.00	83.68 3.77 0.00	80.90 2.88 0.00	56.91 2.26 0.00
DANSKAMMER__3 23590	50.30 2.50 -0.43	41.43 2.07 0.00	43.80 2.32 0.00	41.35 2.18 0.00	41.15 2.08 0.00	44.34 2.19 0.00	52.09 2.22 0.00	53.35 2.23 0.00	59.06 2.45 0.00	59.97 2.47 0.00	95.51 4.21 0.00	105.60 5.28 0.00	105.19 5.59 0.00	68.01 4.04 0.00	91.16 5.36 0.00	94.43 5.79 0.00	96.18 6.02 0.00	116.45 6.82 0.00	131.86 7.03 0.00	157.43 7.91 0.00	106.92 5.67 0.00	83.68 3.77 0.00	80.90 2.88 0.00	56.91 2.26 0.00

DANSKAMMER___4 23591	50.30 2.50 -0.43	41.43 2.07 0.00	43.80 2.32 0.00	41.35 2.18 0.00	41.15 2.08 0.00	44.34 2.19 0.00	52.09 2.22 0.00	53.35 2.23 0.00	59.06 2.45 0.00	59.97 2.47 0.00	95.51 4.21 0.00	105.60 5.28 0.00	105.19 5.59 0.00	68.01 4.04 0.00	91.16 5.36 0.00	94.43 5.79 0.00	96.18 6.02 0.00	116.45 6.82 0.00	131.86 7.03 0.00	157.43 7.91 0.00	106.92 5.67 0.00	83.68 3.77 0.00	80.90 2.88 0.00	56.91 2.26 0.00
DANSKAMMER___DIESEL 23592	50.30 2.49 -0.43	41.43 2.08 0.00	43.80 2.32 0.00	41.36 2.18 0.00	41.15 2.08 0.00	44.34 2.19 0.00	52.09 2.22 0.00	53.35 2.23 0.00	59.06 2.45 0.00	59.97 2.47 0.00	95.52 4.22 0.00	105.63 5.32 0.00	105.23 5.63 0.00	68.00 4.04 0.00	91.16 5.36 0.00	94.43 5.79 0.00	96.18 6.02 0.00	116.45 6.82 0.00	131.87 7.03 0.00	157.44 7.92 0.00	106.93 5.67 0.00	83.68 3.78 0.00	80.91 2.88 0.00	56.91 2.26 0.00
DARBY___SOLAR 323810	49.24 2.41 0.54	41.35 1.99 0.00	43.73 2.25 0.00	41.27 2.09 0.00	41.17 2.10 0.00	44.45 2.30 0.00	52.34 2.48 0.00	53.37 2.25 0.00	58.93 2.33 0.00	59.55 2.04 0.00	94.72 3.41 0.00	104.36 4.04 0.00	103.55 3.95 0.00	66.45 2.49 0.00	89.31 3.50 0.00	92.39 3.75 0.00	94.38 4.22 0.00	115.35 5.72 0.00	132.33 7.50 0.00	158.27 8.75 0.00	107.69 6.43 0.00	84.68 4.78 0.00	81.96 3.93 0.00	57.42 2.77 0.00
DASHVILLE___HYD 23610	49.73 2.09 -0.26	41.08 1.73 0.00	43.46 1.98 0.00	41.07 1.89 0.00	40.86 1.79 0.00	44.03 1.88 0.00	51.65 1.79 0.00	52.90 1.79 0.00	58.45 1.85 0.00	59.33 1.83 0.00	94.35 3.05 0.00	104.36 4.05 0.00	103.71 4.10 0.00	67.10 3.13 0.00	89.86 4.05 0.00	93.07 4.43 0.00	95.03 4.87 0.00	115.13 5.50 0.00	130.34 5.51 0.00	155.67 6.15 0.00	105.77 4.51 0.00	83.08 3.18 0.00	80.34 2.32 0.00	56.49 1.83 0.00
DELAWARE___LFGE 323621	48.82 1.44 0.00	40.58 1.22 0.00	42.93 1.45 0.00	40.60 1.42 0.00	40.43 1.36 0.00	43.65 1.49 0.00	51.27 1.41 0.00	52.47 1.36 0.00	58.13 1.52 0.00	59.09 1.59 0.00	93.85 2.55 0.00	103.20 2.89 0.00	102.63 3.02 0.00	66.20 2.23 0.00	88.78 2.97 0.00	91.73 3.09 0.00	93.14 2.98 0.00	113.07 3.43 0.00	128.81 3.97 0.00	154.24 4.72 0.00	104.99 3.73 0.00	82.43 2.53 0.00	80.11 2.08 0.00	56.18 1.53 0.00
DERFIELD_115KV_TB7 355931	47.59 0.20 0.00	39.53 0.17 0.00	41.72 0.24 0.00	39.43 0.25 0.00	39.31 0.24 0.00	42.40 0.25 0.00	50.06 0.20 0.00	51.27 0.15 0.00	56.76 0.15 0.00	57.62 0.11 0.00	91.56 0.25 0.00	100.62 0.31 0.00	99.99 0.38 0.00	64.28 0.32 0.00	86.24 0.43 0.00	89.08 0.44 0.00	90.60 0.44 0.00	110.09 0.46 0.00	125.46 0.63 0.00	150.26 0.74 0.00	101.94 0.68 0.00	80.32 0.42 0.00	78.26 0.23 0.00	54.86 0.21 0.00
DOGLEVILLE___HYD 23807	48.32 0.94 0.00	40.19 0.84 0.00	42.67 1.19 0.00	40.36 1.18 0.00	40.28 1.21 0.00	43.43 1.28 0.00	50.82 0.95 0.00	51.84 0.72 0.00	56.90 0.29 0.00	57.08 -0.43 0.00	91.04 -0.27 0.00	99.97 -0.35 0.00	99.09 -0.51 0.00	63.80 -0.16 0.00	86.08 0.27 0.00	89.26 0.62 0.00	91.62 1.47 0.00	112.32 2.69 0.00	128.84 4.01 0.00	154.14 4.62 0.00	104.91 3.66 0.00	82.71 2.80 0.00	79.67 1.64 0.00	55.67 1.02 0.00
DUNKIRK__115KV_TB_200 55889	50.54 3.17 0.00	42.10 2.74 0.00	43.43 1.94 0.00	40.42 1.24 0.00	40.06 0.99 0.00	43.35 1.20 0.00	51.66 1.80 0.00	52.32 1.20 0.00	58.87 2.27 0.00	60.45 2.94 0.00	96.13 4.83 0.00	105.60 5.29 0.00	105.41 5.81 0.00	66.78 2.82 0.00	89.15 3.34 0.00	91.78 3.14 0.00	93.14 2.98 0.00	114.21 4.58 0.00	131.17 6.34 0.00	160.01 10.49 0.00	109.15 7.90 0.00	83.86 3.96 0.00	82.52 4.50 0.00	58.13 3.48 0.00
DUNKIRK___1 23563	50.54 3.17 0.00	42.10 2.74 0.00	43.43 1.94 0.00	40.42 1.24 0.00	40.06 0.99 0.00	43.35 1.20 0.00	51.66 1.80 0.00	52.32 1.20 0.00	58.87 2.27 0.00	60.45 2.94 0.00	96.13 4.83 0.00	105.60 5.29 0.00	105.41 5.81 0.00	66.78 2.82 0.00	89.15 3.34 0.00	91.78 3.14 0.00	93.14 2.98 0.00	114.21 4.58 0.00	131.17 6.34 0.00	160.01 10.49 0.00	109.15 7.90 0.00	83.86 3.96 0.00	82.52 4.50 0.00	58.13 3.48 0.00
DUNKIRK___2 23564	50.54 3.17 0.00	42.10 2.74 0.00	43.43 1.94 0.00	40.42 1.24 0.00	40.06 0.99 0.00	43.35 1.20 0.00	51.66 1.80 0.00	52.32 1.20 0.00	58.87 2.27 0.00	60.45 2.94 0.00	96.13 4.83 0.00	105.60 5.29 0.00	105.41 5.81 0.00	66.78 2.82 0.00	89.15 3.34 0.00	91.78 3.14 0.00	93.14 2.98 0.00	114.21 4.58 0.00	131.17 6.34 0.00	160.01 10.49 0.00	109.15 7.90 0.00	83.86 3.96 0.00	82.52 4.50 0.00	58.13 3.48 0.00
DUNKIRK___3 23565	50.28 2.90 0.00	41.85 2.49 0.00	43.18 1.70 0.00	40.21 1.03 0.00	39.83 0.76 0.00	43.10 0.95 0.00	51.36 1.50 0.00	52.02 0.90 0.00	58.53 1.93 0.00	60.06 2.55 0.00	95.47 4.17 0.00	104.87 4.56 0.00	104.69 5.09 0.00	66.35 2.38 0.00	88.61 2.80 0.00	91.28 2.64 0.00	92.59 2.42 0.00	113.51 3.88 0.00	130.29 5.45 0.00	158.82 9.30 0.00	108.29 7.04 0.00	83.25 3.35 0.00	81.97 3.94 0.00	57.78 3.13 0.00
DUNKIRK___4 23566	50.28 2.90 0.00	41.85 2.49 0.00	43.18 1.70 0.00	40.21 1.03 0.00	39.83 0.76 0.00	43.10 0.95 0.00	51.36 1.50 0.00	52.02 0.90 0.00	58.53 1.93 0.00	60.06 2.55 0.00	95.47 4.17 0.00	104.87 4.56 0.00	104.69 5.09 0.00	66.35 2.38 0.00	88.61 2.80 0.00	91.28 2.64 0.00	92.59 2.42 0.00	113.51 3.88 0.00	130.29 5.45 0.00	158.82 9.30 0.00	108.29 7.04 0.00	83.25 3.35 0.00	81.97 3.94 0.00	57.78 3.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.29 2.36 -0.55	41.40 2.04 0.00	43.79 2.31 0.00	41.32 2.15 0.00	41.11 2.04 0.00	44.27 2.12 0.00	51.93 2.06 0.00	53.14 2.03 0.00	58.69 2.08 0.00	59.57 2.07 0.00	94.84 3.53 0.00	104.87 4.56 0.00	104.55 4.94 0.00	67.61 3.65 0.00	90.59 4.78 0.00	93.69 5.05 0.00	95.29 5.13 0.00	115.24 5.61 0.00	130.34 5.51 0.00	155.72 6.21 0.00	106.05 4.79 0.00	83.05 3.15 0.00	80.29 2.27 0.00	56.64 1.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.94 2.13 -0.43	41.12 1.76 0.00	43.48 2.00 0.00	41.06 1.89 0.00	40.85 1.78 0.00	43.99 1.84 0.00	51.67 1.81 0.00	52.94 1.82 0.00	58.70 2.09 0.00	59.55 2.05 0.00	94.81 3.51 0.00	104.82 4.50 0.00	104.38 4.78 0.00	67.41 3.44 0.00	90.35 4.55 0.00	93.68 5.04 0.00	95.42 5.26 0.00	115.50 5.86 0.00	130.80 5.97 0.00	156.19 6.67 0.00	106.15 4.90 0.00	83.14 3.24 0.00	80.44 2.42 0.00	56.59 1.95 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.49 2.57 -0.55	41.64 2.28 0.00	44.01 2.53 0.00	41.54 2.37 0.00	41.31 2.24 0.00	44.44 2.29 0.00	52.08 2.22 0.00	53.31 2.19 0.00	58.87 2.26 0.00	59.74 2.24 0.00	95.09 3.78 0.00	105.18 4.88 0.00	104.94 5.34 0.00	67.93 3.96 0.00	90.90 5.10 0.00	93.98 5.35 0.00	95.58 5.42 0.00	115.43 5.79 0.00	130.31 5.48 0.01	155.85 6.33 0.00	106.09 4.83 -0.01	82.99 3.08 -0.01	80.19 2.16 -0.01	56.68 2.03 0.00

E179THST_13_KV_LOAD 356214	50.83 2.90 -0.55	41.91 2.55 0.00	44.28 2.80 0.00	41.78 2.60 0.00	41.55 2.48 0.00	44.69 2.54 0.00	52.41 2.55 0.00	53.66 2.54 0.00	59.27 2.66 0.00	60.15 2.64 0.00	95.75 4.45 0.00	105.95 5.64 0.00	105.72 6.12 0.00	68.41 4.45 0.00	91.57 5.76 0.00	94.69 6.06 0.00	96.30 6.14 0.00	116.31 6.67 0.00	131.32 6.50 0.01	156.98 7.46 0.00	106.84 5.58 -0.01	83.58 3.67 -0.01	80.76 2.72 -0.01	57.07 2.42 0.00
EAST HAMPTON___GT 23717	52.47 4.55 -0.55	43.45 4.09 0.00	45.90 4.42 0.00	43.16 3.99 0.00	42.83 3.75 0.00	46.03 3.88 0.00	53.64 3.78 0.00	52.70 3.36 1.78	47.63 4.01 12.99	62.00 4.49 0.00	96.16 6.45 1.60	66.28 8.10 42.14	73.98 8.73 34.35	70.79 6.85 0.03	94.23 8.63 0.21	98.01 9.54 0.17	103.23 10.44 -2.64	121.98 12.12 -0.23	132.81 11.68 3.70	157.92 12.80 4.40	109.29 8.03 0.00	77.50 4.39 6.79	44.37 3.86 37.52	55.82 2.50 1.33
EAST RIVER___6 23660	50.46 2.53 -0.55	41.54 2.18 0.00	43.94 2.46 0.00	41.46 2.28 0.00	41.25 2.18 0.00	44.42 2.27 0.00	52.08 2.22 0.00	53.29 2.18 0.00	58.90 2.29 0.00	59.77 2.26 0.00	95.14 3.84 0.00	105.25 4.94 0.00	105.00 5.40 0.00	67.95 3.99 0.00	91.05 5.24 0.00	94.10 5.46 0.00	95.71 5.55 0.00	115.65 6.01 0.00	130.57 5.74 0.00	156.10 6.58 0.00	106.30 5.04 0.00	83.18 3.28 0.00	80.34 2.32 0.00	56.77 2.12 0.00
EAST RIVER___7 23524	50.46 2.53 -0.55	41.54 2.18 0.00	43.94 2.46 0.00	41.46 2.28 0.00	41.25 2.18 0.00	44.42 2.27 0.00	52.08 2.22 0.00	53.29 2.18 0.00	58.90 2.29 0.00	59.77 2.26 0.00	95.14 3.84 0.00	105.25 4.94 0.00	105.00 5.40 0.00	67.95 3.99 0.00	91.05 5.24 0.00	94.10 5.46 0.00	95.71 5.55 0.00	115.65 6.01 0.00	130.57 5.74 0.00	156.10 6.58 0.00	106.30 5.04 0.00	83.18 3.28 0.00	80.34 2.32 0.00	56.77 2.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.17 2.25 -0.54	41.28 1.92 0.00	43.67 2.19 0.00	41.22 2.04 0.00	41.01 1.94 0.00	44.15 2.00 0.00	51.81 1.94 0.00	53.01 1.90 0.00	58.57 1.97 0.00	59.45 1.95 0.00	94.65 3.35 0.00	104.64 4.33 0.00	104.30 4.70 0.00	67.42 3.45 0.00	90.34 4.53 0.00	93.44 4.80 0.00	95.05 4.89 0.00	114.97 5.33 0.00	130.09 5.26 0.00	155.42 5.90 0.00	105.75 4.49 0.00	82.82 2.92 0.00	80.08 2.05 0.00	56.48 1.83 0.00
EAST_HAMPTON___DIESEL 23722	52.47 4.55 -0.55	43.46 4.10 0.00	45.92 4.44 0.00	43.18 4.00 0.00	42.84 3.77 0.00	46.05 3.90 0.00	53.66 3.80 0.00	52.73 3.39 1.78	47.65 4.04 12.99	62.03 4.52 0.00	96.24 6.54 1.60	66.39 8.21 42.14	74.07 8.82 34.35	70.84 6.91 0.03	94.27 8.68 0.21	98.09 9.62 0.17	103.30 10.50 -2.64	122.05 12.18 -0.23	132.85 11.72 3.70	157.96 12.85 4.40	109.29 8.03 0.00	77.50 4.39 6.79	44.31 3.80 37.52	55.77 2.45 1.33
EAST_POINT___SOLAR 323840	51.03 3.96 0.31	42.56 3.20 0.00	44.75 3.27 0.00	42.20 3.02 0.00	42.04 2.97 0.00	45.55 3.40 0.00	54.07 4.21 0.00	54.81 3.69 0.00	59.94 3.33 0.00	60.93 3.42 0.00	96.46 5.16 0.00	104.83 4.52 0.00	103.45 3.84 0.00	66.13 2.17 0.00	88.67 2.87 0.00	93.05 4.41 0.00	97.26 7.10 0.00	119.09 9.46 0.00	136.52 11.69 0.00	164.20 14.68 0.00	111.60 10.34 0.00	87.76 7.86 0.00	85.42 7.39 0.00	59.53 4.88 0.00
EAST_PULASKI___ESR 323781	47.65 0.25 -0.02	39.50 0.04 -0.10	41.51 -0.10 -0.12	39.15 -0.04 -0.02	39.08 0.01 0.00	42.38 0.11 -0.11	51.45 0.29 -1.30	51.55 0.29 -0.15	57.73 0.46 -0.66	58.34 0.46 -0.37	99.54 0.94 -7.30	109.52 0.85 -8.35	107.69 1.17 -6.92	64.45 0.48 0.00	86.30 0.49 0.00	89.76 0.17 -0.95	90.13 -0.03 0.00	109.46 -0.17 0.00	125.37 0.54 0.00	152.04 1.85 -0.66	104.69 1.92 -1.51	82.72 1.23 -1.60	82.96 0.97 -3.96	55.37 0.42 -0.30
EAST_RIVER___1 323558	50.49 2.56 -0.55	41.57 2.21 0.00	43.98 2.50 0.00	41.51 2.33 0.00	41.29 2.22 0.00	44.47 2.32 0.00	52.15 2.28 0.00	53.36 2.25 0.00	58.96 2.35 0.00	59.85 2.35 0.00	95.30 4.00 0.00	105.41 5.10 0.00	105.16 5.55 0.00	68.05 4.08 0.00	91.13 5.32 0.00	94.19 5.55 0.00	95.77 5.61 0.00	115.71 6.08 0.00	130.71 5.88 0.00	156.27 6.75 0.00	106.38 5.13 0.00	83.25 3.35 0.00	80.42 2.39 0.00	56.80 2.16 0.00
EAST_RIVER___2 323559	50.46 2.53 -0.55	41.54 2.18 0.00	43.94 2.46 0.00	41.46 2.28 0.00	41.25 2.18 0.00	44.42 2.27 0.00	52.08 2.22 0.00	53.29 2.18 0.00	58.90 2.29 0.00	59.77 2.26 0.00	95.14 3.84 0.00	105.25 4.94 0.00	105.00 5.40 0.00	67.95 3.99 0.00	91.05 5.24 0.00	94.10 5.46 0.00	95.71 5.55 0.00	115.65 6.01 0.00	130.57 5.74 0.00	156.10 6.58 0.00	106.30 5.04 0.00	83.18 3.28 0.00	80.34 2.32 0.00	56.77 2.12 0.00
EAST___DELAWARE_HYD 23607	48.50 0.77 -0.34	39.96 0.60 0.00	42.21 0.73 0.00	39.86 0.68 0.00	39.65 0.58 0.00	42.72 0.56 0.00	50.19 0.32 0.00	51.42 0.31 0.00	56.95 0.34 0.00	57.73 0.22 0.00	92.01 0.70 0.00	101.60 1.29 0.00	99.27 -0.34 0.00	64.15 0.18 0.00	86.17 0.36 0.00	89.58 0.94 0.00	92.05 1.89 0.00	111.52 1.88 0.00	126.11 1.27 0.00	150.45 0.93 0.00	102.22 0.97 0.00	80.94 1.03 0.00	78.29 0.26 0.00	55.02 0.37 0.00
EIGHT_POINT___WT_PWR 323820	49.60 2.23 0.00	41.31 1.95 0.00	43.10 1.62 0.00	40.37 1.20 0.00	40.27 1.20 0.00	43.61 1.46 0.00	51.74 1.88 0.00	52.56 1.44 0.00	58.32 1.71 0.00	59.71 2.21 0.00	95.18 3.88 0.00	104.14 3.83 0.00	103.93 4.32 0.00	66.25 2.29 0.00	88.31 2.51 0.00	91.39 2.75 0.00	92.17 2.01 0.00	112.81 3.18 0.00	129.45 4.62 0.00	157.10 7.58 0.00	107.97 6.71 0.00	83.70 3.79 0.00	82.10 4.08 0.00	57.69 3.04 0.00
ELBRIDGE_115KV_TB2 80188	47.52 0.13 -0.01	39.51 0.10 -0.05	41.54 0.00 -0.06	39.11 -0.07 -0.01	38.91 -0.16 0.00	42.11 -0.09 -0.05	50.39 -0.11 -0.63	51.01 -0.18 -0.07	56.83 -0.10 -0.32	57.65 -0.04 -0.18	95.02 0.18 -3.54	104.49 0.13 -4.05	103.46 0.50 -3.35	64.40 0.43 0.00	86.37 0.56 0.00	89.41 0.30 -0.46	90.24 0.08 0.00	109.71 0.08 0.00	125.41 0.58 0.00	151.13 1.28 -0.32	103.32 1.32 -0.73	81.28 0.60 -0.78	80.17 0.21 -1.93	54.96 0.17 -0.15
ELEC_TRO_TEK 24086	50.61 2.69 -0.55	41.72 2.36 0.00	44.08 2.59 0.00	41.55 2.37 0.00	41.30 2.23 0.00	44.43 2.28 0.00	51.83 1.97 0.00	52.30 1.60 0.42	55.96 1.52 2.16	59.11 1.61 0.00	93.92 2.86 0.25	97.97 4.34 6.69	98.81 4.58 5.38	67.86 3.77 -0.12	91.45 4.79 -0.85	94.60 5.25 -0.71	98.72 5.43 -3.14	115.85 5.98 -0.23	129.59 5.41 0.66	155.53 6.30 0.29	106.10 4.84 0.00	84.73 2.57 -2.25	87.54 1.33 -8.19	55.71 1.38 0.31
ELLENBURG_WT_PWR 323604	46.40 -0.98 0.00	38.49 -0.86 0.00	40.53 -0.95 0.00	38.25 -0.93 0.00	38.24 -0.84 0.00	41.37 -0.78 0.00	49.43 -0.43 0.00	50.72 -0.40 0.00	56.18 -0.43 0.00	56.91 -0.60 0.00	90.05 -1.26 0.00	98.70 -1.61 0.00	98.04 -1.56 0.00	62.76 -1.21 0.00	84.44 -1.37 0.00	87.56 -1.08 0.00	89.48 -0.68 0.00	109.21 -0.42 0.00	124.06 -0.77 0.00	148.51 -1.01 0.00	100.28 -0.98 0.00	79.59 -0.32 0.00	77.91 -0.12 0.00	54.35 -0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.69 2.31 0.00	41.36 2.00 0.00	42.66 1.18 0.00	39.73 0.56 0.00	39.34 0.27 0.00	42.56 0.41 0.00	50.72 0.85 0.00	51.33 0.21 0.00	57.72 1.11 0.00	59.23 1.72 0.00	94.09 2.79 0.00	103.36 3.05 0.00	103.28 3.68 0.00	65.47 1.50 0.00	87.51 1.70 0.00	90.23 1.59 0.00	91.41 1.25 0.00	111.89 2.26 0.00	128.25 3.42 0.00	156.11 6.59 0.00	106.29 5.03 0.00	81.77 1.87 0.00	80.66 2.64 0.00	56.95 2.30 0.00
EMPIRE_CC_1 323656	46.90 0.35 0.82	39.70 0.34 0.00	42.09 0.61 0.00	39.75 0.58 0.00	39.67 0.60 0.00	42.74 0.59 0.00	50.21 0.34 0.00	51.24 0.12 0.00	56.56 -0.04 0.00	57.38 -0.12 0.00	91.13 -0.18 0.00	100.32 0.01 0.00	99.90 0.30 0.00	64.26 0.30 0.00	86.09 0.28 0.00	88.76 0.12 0.00	90.30 0.14 0.00	109.79 0.15 0.00	125.57 0.73 0.00	149.87 0.35 0.00	101.91 0.65 0.00	80.28 0.38 0.00	77.82 -0.21 0.00	54.78 0.13 0.00
EMPIRE_CC_2 323658	46.90 0.35 0.82	39.70 0.34 0.00	42.09 0.61 0.00	39.75 0.58 0.00	39.67 0.60 0.00	42.74 0.59 0.00	50.21 0.34 0.00	51.24 0.12 0.00	56.56 -0.04 0.00	57.38 -0.12 0.00	91.13 -0.18 0.00	100.32 0.01 0.00	99.90 0.30 0.00	64.26 0.30 0.00	86.09 0.28 0.00	88.76 0.12 0.00	90.30 0.14 0.00	109.79 0.15 0.00	125.57 0.73 0.00	149.87 0.35 0.00	101.91 0.65 0.00	80.28 0.38 0.00	77.82 -0.21 0.00	54.78 0.13 0.00
ENORWICH_115KV_TB1 80156	50.88 3.50 0.00	42.40 3.04 0.00	44.61 3.13 0.00	41.99 2.81 0.00	41.83 2.76 0.00	45.48 3.33 0.00	53.91 4.05 0.00	55.39 4.28 0.00	61.58 4.97 0.00	62.54 5.04 0.00	99.36 8.06 0.00	108.85 8.54 0.00	108.29 8.69 0.00	70.06 6.10 0.00	94.80 8.99 0.00	97.34 8.70 0.00	98.17 8.01 0.00	120.72 11.09 0.00	139.02 14.19 0.00	166.89 17.37 0.00	113.81 12.55 0.00	88.77 8.87 0.00	86.01 7.98 0.00	59.85 5.20 0.00
ERIE_ST__34_KV_TB1-2 80199	50.06 2.68 0.00	41.60 2.25 0.00	42.93 1.46 0.00	40.00 0.82 0.00	39.60 0.53 0.00	42.85 0.70 0.00	51.12 1.25 0.00	51.84 0.73 0.00	58.31 1.70 0.00	59.83 2.33 0.00	95.05 3.74 0.00	104.40 4.09 0.00	104.38 4.78 0.00	66.21 2.24 0.00	88.59 2.78 0.00	91.52 2.88 0.00	92.96 2.80 0.00	114.02 4.39 0.00	130.64 5.81 0.00	158.97 9.45 0.00	108.20 6.94 0.00	83.02 3.11 0.00	81.67 3.65 0.00	57.53 2.89 0.00
ERIE_WT_PWR 323693	49.96 2.58 0.00	41.58 2.22 0.00	42.89 1.41 0.00	39.95 0.77 0.00	39.54 0.47 0.00	42.81 0.66 0.00	51.02 1.15 0.00	51.66 0.54 0.00	58.06 1.46 0.00	59.57 2.07 0.00	94.74 3.43 0.00	104.05 3.74 0.00	103.98 4.38 0.00	65.95 1.99 0.00	88.12 2.32 0.00	90.86 2.22 0.00	92.11 1.95 0.00	112.81 3.18 0.00	129.35 4.52 0.00	157.35 7.83 0.00	107.17 5.91 0.00	82.49 2.59 0.00	81.27 3.25 0.00	57.32 2.68 0.00
ESPRGFLD_115KV_TB1 80157	50.15 2.96 0.19	41.77 2.42 0.00	43.96 2.48 0.00	41.47 2.30 0.00	41.26 2.20 0.00	44.67 2.51 0.00	52.98 3.12 0.00	54.25 3.13 0.00	60.22 3.61 0.00	61.30 3.79 0.00	97.11 5.80 0.00	106.48 6.17 0.00	105.83 6.23 0.00	68.06 4.09 0.00	91.38 5.57 0.00	94.62 5.99 0.00	96.15 5.99 0.00	117.16 7.53 0.00	133.62 8.79 0.00	160.57 11.05 0.00	109.17 7.91 0.00	85.65 5.75 0.00	83.54 5.51 0.00	58.40 3.75 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.82 1.44 0.00	40.54 1.19 0.00	42.65 1.17 0.00	40.22 1.05 0.00	40.03 0.96 0.00	43.31 1.16 0.00	51.25 1.39 0.00	52.48 1.36 0.00	58.09 1.49 0.00	58.95 1.45 0.00	93.80 2.49 0.00	102.95 2.64 0.00	102.73 3.13 0.00	66.26 2.29 0.00	89.13 3.32 0.00	91.52 2.88 0.00	92.85 2.69 0.00	112.96 3.32 0.00	129.66 4.83 0.00	156.09 6.57 0.00	106.58 5.33 0.00	83.46 3.56 0.00	81.05 3.02 0.00	56.67 2.02 0.00
ETNA____115KV_TB2 80207	48.82 1.44 0.00	40.54 1.19 0.00	42.65 1.17 0.00	40.22 1.05 0.00	40.03 0.96 0.00	43.31 1.16 0.00	51.25 1.39 0.00	52.48 1.36 0.00	58.09 1.49 0.00	58.95 1.45 0.00	93.80 2.49 0.00	102.95 2.64 0.00	102.73 3.13 0.00	66.26 2.29 0.00	89.13 3.32 0.00	91.52 2.88 0.00	92.85 2.69 0.00	112.96 3.32 0.00	129.66 4.83 0.00	156.09 6.57 0.00	106.58 5.33 0.00	83.46 3.56 0.00	81.05 3.02 0.00	56.67 2.02 0.00
EUCLID__115KV_TB2 356179	47.23 -0.15 0.00	39.22 -0.16 -0.02	41.24 -0.27 -0.03	38.87 -0.31 0.00	38.72 -0.35 0.00	41.82 -0.36 -0.03	49.74 -0.42 -0.30	50.67 -0.48 -0.03	56.36 -0.40 -0.15	57.32 -0.27 -0.09	92.70 -0.30 -1.69	101.91 -0.34 -1.94	101.22 0.01 -1.60	64.04 0.07 0.00	85.84 0.03 0.00	88.76 -0.09 -0.22	89.88 -0.28 0.00	109.27 -0.36 0.00	124.76 -0.08 0.00	150.08 0.41 -0.15	102.25 0.64 -0.35	80.27 0.00 -0.37	78.71 -0.22 -0.91	54.53 -0.19 -0.07
E_CANADA_CAP_HY 24051	50.47 3.37 0.28	42.08 2.73 0.00	44.22 2.74 0.00	41.70 2.52 0.00	41.54 2.47 0.00	44.97 2.82 0.00	53.47 3.60 0.00	54.62 3.51 0.00	60.44 3.84 0.00	61.28 3.78 0.00	96.98 5.68 0.00	106.23 5.92 0.00	105.32 5.72 0.00	67.41 3.44 0.00	90.56 4.75 0.00	94.10 5.46 0.00	96.20 6.03 0.00	117.72 8.09 0.00	134.41 9.58 0.00	161.72 12.20 0.00	109.83 8.58 0.00	86.40 6.49 0.00	84.36 6.33 0.00	58.94 4.29 0.00
E_CANADA_MHWK_HY 24050	48.32 0.94 0.00	40.19 0.84 0.00	42.67 1.19 0.00	40.35 1.18 0.00	40.28 1.21 0.00	43.43 1.28 0.00	50.82 0.95 0.00	51.84 0.72 0.00	56.90 0.29 0.00	57.08 -0.43 0.00	91.04 -0.27 0.00	99.97 -0.34 0.00	99.09 -0.51 0.00	63.80 -0.16 0.00	86.08 0.27 0.00	89.26 0.62 0.00	91.63 1.47 0.00	112.32 2.69 0.00	128.84 4.00 0.00	154.14 4.62 0.00	104.91 3.66 0.00	82.70 2.80 0.00	79.67 1.64 0.00	55.67 1.02 0.00
E_FISHKILL__LBMP 23776	49.68 1.74 -0.56	40.87 1.51 0.00	43.25 1.77 0.00	40.84 1.66 0.00	40.64 1.57 0.00	43.77 1.62 0.00	51.37 1.51 0.00	52.56 1.45 0.00	58.07 1.46 0.00	58.92 1.42 0.00	93.77 2.46 0.00	103.55 3.24 0.00	103.19 3.58 0.00	66.69 2.72 0.00	89.33 3.52 0.00	92.32 3.68 0.00	93.94 3.78 0.00	113.74 4.11 0.00	128.93 4.09 0.00	154.08 4.56 0.00	104.69 3.44 0.00	82.03 2.13 0.00	79.37 1.34 0.00	55.94 1.29 0.00
FALCON__SEABRD_CC1 323796	46.36 -1.01 0.00	38.45 -0.91 0.00	40.48 -1.00 0.00	38.21 -0.97 0.00	38.20 -0.87 0.00	41.33 -0.82 0.00	49.39 -0.48 0.00	50.48 -0.63 0.00	55.93 -0.68 0.00	56.67 -0.84 0.00	89.61 -1.69 0.00	98.17 -2.14 0.00	97.77 -1.83 0.00	62.85 -1.12 0.00	84.49 -1.31 0.00	87.77 -0.87 0.00	89.77 -0.38 0.00	109.60 -0.03 0.00	124.58 -0.25 0.00	148.85 -0.67 0.00	100.79 -0.46 0.00	80.01 0.11 0.00	77.96 -0.07 0.00	54.38 -0.27 0.00
FALCON__SEABRD_CC2 323797	46.36 -1.01 0.00	38.45 -0.91 0.00	40.48 -1.00 0.00	38.21 -0.97 0.00	38.20 -0.87 0.00	41.33 -0.82 0.00	49.39 -0.48 0.00	50.48 -0.63 0.00	55.93 -0.68 0.00	56.67 -0.84 0.00	89.61 -1.69 0.00	98.17 -2.14 0.00	97.77 -1.83 0.00	62.85 -1.12 0.00	84.49 -1.31 0.00	87.77 -0.87 0.00	89.77 -0.38 0.00	109.60 -0.03 0.00	124.58 -0.25 0.00	148.85 -0.67 0.00	100.79 -0.46 0.00	80.01 0.11 0.00	77.96 -0.07 0.00	54.38 -0.27 0.00

FAR ROCKAWAY___4 23548	51.60 3.68 -0.55	42.49 3.14 0.00	44.88 3.39 0.00	42.28 3.10 0.00	42.00 2.93 0.00	45.18 3.03 0.00	52.75 2.88 0.00	53.47 2.54 0.18	58.68 2.60 0.52	60.25 2.75 0.00	96.34 4.82 -0.22	108.02 6.58 -1.13	108.99 6.64 -2.75	69.54 5.18 -0.39	95.16 6.63 -2.72	97.44 6.54 -2.26	101.03 6.85 -4.02	117.58 7.71 -0.23	132.12 7.23 -0.06	159.70 8.52 -1.66	107.70 6.44 0.00	92.58 3.78 -8.89	118.14 2.42 -37.70	56.75 2.24 0.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.51 2.58 -0.55	41.60 2.24 0.00	44.00 2.52 0.00	41.52 2.34 0.00	41.30 2.23 0.00	44.48 2.33 0.00	52.16 2.29 0.00	53.38 2.26 0.00	59.00 2.40 0.00	59.87 2.36 0.00	95.32 4.01 0.00	105.44 5.13 0.00	105.20 5.59 0.00	68.05 4.09 0.00	91.15 5.34 0.00	94.24 5.60 0.00	95.80 5.64 0.00	115.75 6.12 0.00	130.77 5.93 0.00	156.33 6.81 0.00	106.46 5.20 0.00	83.30 3.39 0.00	80.44 2.42 0.00	56.83 2.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.54 2.61 -0.55	41.62 2.26 0.00	44.02 2.54 0.00	41.54 2.36 0.00	41.31 2.24 0.00	44.49 2.34 0.00	52.18 2.31 0.00	53.40 2.28 0.00	59.01 2.40 0.00	59.87 2.36 0.00	95.32 4.01 0.00	105.48 5.16 0.00	105.20 5.59 0.00	68.05 4.09 0.00	91.15 5.35 0.00	94.24 5.60 0.00	95.83 5.67 0.00	115.79 6.16 0.00	130.78 5.94 0.00	156.35 6.84 0.00	106.49 5.23 0.00	83.32 3.42 0.00	80.48 2.46 0.00	56.85 2.20 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.46 2.54 -0.55	41.56 2.21 0.00	43.97 2.49 0.00	41.50 2.32 0.00	41.28 2.21 0.00	44.45 2.30 0.00	52.13 2.27 0.00	53.35 2.24 0.00	58.95 2.35 0.00	59.81 2.31 0.00	95.24 3.93 0.00	105.37 5.06 0.00	105.10 5.50 0.00	67.99 4.02 0.00	91.07 5.26 0.00	94.15 5.51 0.00	95.70 5.54 0.00	115.64 6.01 0.00	130.64 5.81 0.00	156.17 6.65 0.00	106.34 5.09 0.00	83.19 3.29 0.00	80.36 2.33 0.00	56.77 2.13 0.00
FARRAGUT___LBMP 323566	50.42 2.50 -0.55	41.53 2.17 0.00	43.93 2.45 0.00	41.46 2.28 0.00	41.23 2.16 0.00	44.40 2.25 0.00	52.06 2.20 0.00	53.27 2.15 0.00	58.88 2.27 0.00	59.73 2.23 0.00	95.08 3.78 0.00	105.19 4.89 0.00	104.94 5.34 0.00	67.89 3.93 0.00	90.94 5.13 0.00	93.98 5.35 0.00	95.58 5.42 0.00	115.48 5.85 0.00	130.46 5.63 0.00	155.98 6.46 0.00	106.18 4.93 0.00	83.11 3.21 0.00	80.28 2.25 0.00	56.72 2.07 0.00
FENNER___WINDPWR 24204	48.65 1.27 0.00	40.35 1.00 0.00	42.49 1.01 0.00	40.12 0.95 0.00	40.03 0.95 0.00	43.30 1.15 0.00	51.32 1.46 0.00	52.61 1.49 0.00	58.35 1.74 0.00	59.31 1.81 0.00	94.22 2.92 0.00	103.49 3.18 0.00	102.97 3.37 0.00	66.35 2.39 0.00	88.95 3.14 0.00	91.68 3.04 0.00	93.33 3.17 0.00	113.28 3.65 0.00	129.51 4.68 0.00	155.83 6.31 0.00	106.12 4.87 0.00	83.34 3.44 0.00	81.00 2.97 0.00	56.56 1.91 0.00
FIBERTEK___ENERGY 23856	47.47 0.08 -0.01	39.46 0.06 -0.05	41.49 -0.05 -0.06	39.08 -0.11 -0.01	38.92 -0.16 0.00	42.09 -0.12 -0.05	50.36 -0.13 -0.63	51.03 -0.16 -0.07	56.85 -0.07 -0.31	57.73 0.05 -0.18	95.04 0.26 -3.48	104.55 0.25 -3.99	103.56 0.66 -3.30	64.48 0.52 0.00	86.53 0.72 0.00	89.60 0.50 -0.46	90.48 0.32 0.00	110.00 0.36 0.00	125.69 0.85 0.00	151.38 1.54 -0.32	103.44 1.46 -0.72	81.33 0.66 -0.77	80.22 0.29 -1.90	54.94 0.15 -0.14
FITZPATRICK___ 23598	46.31 -1.01 0.06	38.06 -0.85 0.44	39.96 -0.97 0.55	38.15 -0.96 0.07	38.08 -0.99 0.00	40.60 -1.05 0.50	42.80 -1.25 5.82	49.12 -1.32 0.67	52.27 -1.39 2.94	54.51 -1.34 1.66	56.76 -2.03 32.52	60.84 -2.24 37.23	66.78 -1.98 30.85	62.72 -1.24 0.00	84.12 -1.69 0.00	82.53 -1.86 4.25	88.12 -2.04 0.00	107.17 -2.46 0.00	122.27 -2.56 0.00	143.87 -2.69 2.97	92.99 -1.53 6.74	71.21 -1.56 7.13	58.65 -1.66 17.71	52.14 -1.16 1.35
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.43 2.61 -0.44	41.54 2.19 0.00	43.91 2.42 0.00	41.46 2.28 0.00	41.25 2.18 0.00	44.44 2.29 0.00	52.22 2.35 0.00	53.52 2.40 0.00	59.26 2.65 0.00	60.13 2.62 0.00	95.79 4.49 0.00	105.93 5.62 0.00	105.56 5.96 0.00	68.22 4.26 0.00	91.42 5.61 0.00	94.70 6.06 0.00	96.43 6.27 0.00	116.74 7.11 0.00	132.17 7.34 0.00	157.81 8.29 0.00	107.15 5.89 0.00	83.86 3.95 0.00	81.09 3.07 0.00	57.02 2.38 0.00
FORT ORANGE___ 23900	47.00 0.02 0.40	39.39 0.03 0.00	41.72 0.24 0.00	39.46 0.28 0.00	39.38 0.31 0.00	42.40 0.25 0.00	49.78 -0.09 0.00	50.90 -0.22 0.00	56.19 -0.42 0.00	56.91 -0.59 0.00	90.46 -0.84 0.00	99.60 -0.71 0.00	99.10 -0.50 0.00	63.81 -0.16 0.00	85.50 -0.31 0.00	88.19 -0.45 0.00	89.88 -0.28 0.00	109.50 -0.13 0.00	124.86 0.03 0.00	149.08 -0.44 0.00	101.25 -0.01 0.00	79.75 -0.15 0.00	77.31 -0.71 0.00	54.29 -0.36 0.00
FORT_DRUM_COGEN 23780	50.05 2.66 -0.01	41.04 1.63 -0.05	42.93 1.40 -0.06	40.83 1.64 -0.01	40.99 1.92 0.00	44.65 2.45 -0.05	53.91 3.44 -0.61	54.77 3.58 -0.07	61.12 4.21 -0.31	61.89 4.21 -0.17	101.82 7.12 -3.40	111.53 7.33 -3.89	110.04 7.22 -3.22	67.40 3.43 0.00	90.07 4.26 0.00	92.68 3.59 -0.44	93.82 3.66 0.00	114.07 4.44 0.00	131.34 6.51 0.00	160.55 10.72 -0.31	110.64 8.68 -0.70	87.43 6.79 -0.74	86.15 6.27 -1.85	58.53 3.74 -0.14
FOX_HILLS___ESR 323835	50.50 2.57 -0.55	41.69 2.33 0.00	44.02 2.54 0.00	41.52 2.35 0.00	41.28 2.21 0.00	44.40 2.25 0.00	51.73 1.98 0.11	52.54 1.89 0.46	53.42 1.93 5.12	54.92 1.84 4.42	87.90 3.10 6.50	98.11 4.17 6.37	96.42 4.69 7.88	67.42 3.48 0.03	71.72 4.50 18.58	93.05 4.41 0.00	94.84 4.67 0.00	114.42 4.78 0.00	129.27 4.46 0.03	151.21 5.28 3.58	105.73 4.48 0.01	82.83 2.94 0.01	80.02 2.00 0.01	56.61 1.96 0.00
FPL_FAR_ROCK_GT1 24212	51.60 3.68 -0.55	42.49 3.14 0.00	44.88 3.39 0.00	42.28 3.11 0.00	42.00 2.93 0.00	45.18 3.03 0.00	52.75 2.89 0.00	53.47 2.54 0.18	58.69 2.60 0.52	60.25 2.75 0.00	96.30 4.77 -0.22	107.92 6.48 -1.13	108.92 6.56 -2.75	69.54 5.18 -0.39	95.16 6.63 -2.72	97.44 6.54 -2.26	101.04 6.85 -4.02	117.58 7.71 -0.23	132.12 7.22 -0.06	159.70 8.52 -1.66	107.70 6.44 0.00	92.57 3.77 -8.89	118.14 2.41 -37.70	56.74 2.23 0.14
FPL_FAR_ROCK_GT2 23815	51.60 3.68 -0.55	42.49 3.14 0.00	44.88 3.39 0.00	42.28 3.11 0.00	42.00 2.93 0.00	45.18 3.03 0.00	52.75 2.89 0.00	53.47 2.54 0.18	58.69 2.60 0.52	60.25 2.75 0.00	96.30 4.77 -0.22	107.92 6.48 -1.13	108.92 6.56 -2.75	69.54 5.18 -0.39	95.16 6.63 -2.72	97.44 6.54 -2.26	101.04 6.85 -4.02	117.58 7.71 -0.23	132.12 7.22 -0.06	159.70 8.52 -1.66	107.70 6.44 0.00	92.57 3.77 -8.89	118.14 2.41 -37.70	56.74 2.23 0.14
FRANKLIN_FALL_HYD 24054	47.31 -0.07 0.00	39.18 -0.18 0.00	41.16 -0.32 0.00	38.85 -0.33 0.00	38.88 -0.19 0.00	42.09 -0.06 0.00	50.37 0.51 0.00	51.79 0.68 0.00	57.33 0.72 0.00	58.09 0.59 0.00	91.86 0.56 0.00	100.52 0.21 0.00	99.87 0.27 0.00	63.81 -0.15 0.00	85.75 -0.06 0.00	88.67 0.03 0.00	90.55 0.38 0.00	110.46 0.83 0.00	125.42 0.59 0.00	151.05 1.53 0.00	102.01 0.76 0.00	81.22 1.31 0.00	79.50 1.47 0.00	55.50 0.85 0.00

FREEPORT_EQUS_GT1 23764	51.01 3.09 -0.55	42.08 2.73 0.00	44.42 2.94 0.00	41.86 2.68 0.00	41.59 2.52 0.00	44.74 2.59 0.00	52.15 2.29 0.00	51.99 1.86 0.98	52.41 1.80 6.00	59.29 1.78 0.00	93.48 2.89 0.71	81.65 4.17 22.84	80.87 4.44 23.18	67.85 3.87 -0.01	90.80 4.91 -0.09	94.17 5.46 -0.07	98.64 5.71 -2.78	116.30 6.44 -0.23	128.06 5.74 2.51	153.76 6.68 2.45	106.33 5.08 0.00	82.46 3.00 0.44	73.52 1.83 6.34	55.60 1.68 0.73
FREEPORT___CT2 23818	51.01 3.09 -0.55	42.08 2.73 0.00	44.42 2.94 0.00	41.86 2.68 0.00	41.59 2.52 0.00	44.74 2.59 0.00	52.15 2.29 0.00	51.99 1.86 0.98	52.41 1.80 6.00	59.29 1.78 0.00	93.48 2.89 0.71	81.65 4.17 22.84	80.87 4.44 23.18	67.85 3.87 -0.01	90.80 4.91 -0.09	94.17 5.46 -0.07	98.64 5.71 -2.78	116.30 6.44 -0.23	128.06 5.74 2.51	153.76 6.68 2.45	106.33 5.08 0.00	82.46 3.00 0.44	73.52 1.83 6.34	55.60 1.68 0.73
FRESHKLS_33_KV_LOAD 356253	50.58 2.66 -0.55	41.80 2.44 0.00	44.13 2.64 0.00	41.61 2.44 0.00	41.36 2.29 0.00	44.49 2.33 0.00	51.74 1.98 0.11	52.52 1.87 0.46	53.36 1.87 5.12	54.83 1.74 4.42	87.78 2.97 6.50	98.01 4.07 6.37	96.31 4.58 7.88	67.35 3.42 0.03	71.62 4.39 18.58	92.96 4.32 0.00	94.86 4.70 0.00	114.39 4.75 0.00	129.20 4.39 0.03	151.21 5.27 3.58	105.75 4.50 0.01	82.87 2.98 0.01	80.06 2.04 0.01	56.61 1.96 0.00
FULTON COGEN____ 23766	47.03 -0.37 -0.02	39.15 -0.33 -0.12	41.21 -0.42 -0.15	38.76 -0.44 -0.02	38.60 -0.47 0.00	41.80 -0.48 -0.13	50.87 -0.56 -1.56	50.71 -0.59 -0.18	56.84 -0.55 -0.79	57.44 -0.51 -0.45	99.40 -0.64 -8.74	109.61 -0.71 -10.00	107.54 -0.35 -8.29	63.79 -0.17 0.00	85.51 -0.30 0.00	89.32 -0.45 -1.14	89.47 -0.68 0.00	108.84 -0.79 0.00	124.35 -0.48 0.00	150.25 -0.06 -0.80	103.37 0.30 -1.81	81.55 -0.26 -1.91	82.27 -0.50 -4.75	54.56 -0.44 -0.36
FULTON___LFGE 323630	50.49 3.43 0.32	42.14 2.78 0.00	44.36 2.88 0.00	41.84 2.67 0.00	41.70 2.63 0.00	45.13 2.98 0.00	53.50 3.64 0.00	54.56 3.45 0.00	60.20 3.59 0.00	60.29 2.78 0.00	95.72 4.41 0.00	104.97 4.66 0.00	103.63 4.02 0.00	66.22 2.25 0.00	89.52 3.71 0.00	93.08 4.44 0.00	95.61 5.45 0.00	117.76 8.12 0.00	134.97 10.14 0.00	162.33 12.81 0.00	110.35 9.09 0.00	86.75 6.85 0.00	84.38 6.35 0.00	58.89 4.24 0.00
G.F.CEMENT___DRP 24184	50.00 3.10 0.48	41.91 2.55 0.00	44.33 2.85 0.00	41.81 2.64 0.00	41.71 2.64 0.00	45.07 2.92 0.00	53.08 3.21 0.00	54.10 2.99 0.00	59.71 3.10 0.00	60.35 2.84 0.00	95.87 4.56 0.00	105.54 5.23 0.00	104.71 5.11 0.00	67.32 3.35 0.00	90.48 4.68 0.00	93.76 5.12 0.00	95.82 5.66 0.00	117.30 7.66 0.00	134.99 10.16 0.00	161.30 11.78 0.00	109.84 8.58 0.00	86.39 6.48 0.00	83.47 5.44 0.00	58.37 3.72 0.00
GARDENVILLE___LBMP 24039	49.78 2.41 0.00	41.43 2.08 0.00	42.76 1.28 0.00	39.83 0.65 0.00	39.44 0.37 0.00	42.67 0.52 0.00	50.85 0.99 0.00	51.49 0.37 0.00	57.88 1.27 0.00	59.38 1.88 0.00	94.35 3.05 0.00	103.60 3.28 0.00	103.50 3.89 0.00	65.63 1.67 0.00	87.71 1.90 0.00	90.47 1.83 0.00	91.66 1.50 0.00	112.26 2.63 0.00	128.74 3.90 0.00	156.71 7.19 0.00	106.73 5.47 0.00	82.12 2.22 0.00	80.97 2.94 0.00	57.13 2.48 0.00
GARDNVLA_35_KV_LD 355827	50.05 2.67 0.00	41.65 2.29 0.00	42.96 1.48 0.00	40.00 0.82 0.00	39.61 0.54 0.00	42.85 0.70 0.00	51.07 1.21 0.00	51.72 0.60 0.00	58.15 1.54 0.00	59.68 2.17 0.00	94.89 3.59 0.00	104.23 3.92 0.00	104.18 4.58 0.00	66.09 2.13 0.00	88.37 2.57 0.00	91.18 2.54 0.00	92.44 2.28 0.00	113.25 3.61 0.00	129.81 4.97 0.00	157.98 8.46 0.00	107.54 6.29 0.00	82.66 2.76 0.00	81.45 3.42 0.00	57.43 2.78 0.00
GELCKHM___115KV_LOAD 80723	47.31 -0.07 0.00	39.30 -0.09 -0.03	41.33 -0.19 -0.04	38.94 -0.24 0.00	38.79 -0.28 0.00	41.91 -0.28 -0.04	49.99 -0.32 -0.44	50.79 -0.38 -0.05	56.53 -0.30 -0.22	57.46 -0.17 -0.13	93.69 -0.10 -2.49	103.01 -0.14 -2.84	102.17 0.21 -2.36	64.18 0.21 0.00	86.06 0.25 0.00	89.06 0.10 -0.32	90.09 -0.07 0.00	109.53 -0.11 0.00	125.08 0.25 0.00	150.57 0.83 -0.23	102.69 0.92 -0.51	80.68 0.24 -0.54	79.34 -0.03 -1.34	54.68 -0.07 -0.10
GENERAL___MILLS 23808	49.91 2.54 0.00	41.54 2.19 0.00	42.87 1.39 0.00	39.92 0.74 0.00	39.52 0.45 0.00	42.77 0.62 0.00	50.97 1.11 0.00	51.61 0.49 0.00	58.02 1.41 0.00	59.53 2.03 0.00	94.62 3.31 0.00	103.90 3.59 0.00	103.84 4.24 0.00	65.86 1.89 0.00	88.04 2.23 0.00	90.79 2.15 0.00	92.07 1.91 0.00	112.72 3.09 0.00	129.24 4.41 0.00	157.30 7.78 0.00	107.11 5.86 0.00	82.38 2.47 0.00	81.19 3.17 0.00	57.28 2.63 0.00
GE_PLASTICS___DRP 24183	46.92 -0.15 0.31	39.27 -0.09 0.00	41.64 0.16 0.00	39.41 0.24 0.00	39.31 0.23 0.00	42.31 0.16 0.00	49.65 -0.22 0.00	50.76 -0.36 0.00	56.09 -0.52 0.00	56.88 -0.62 0.00	90.40 -0.91 0.00	99.55 -0.76 0.00	99.07 -0.53 0.00	63.80 -0.16 0.00	85.50 -0.31 0.00	88.22 -0.43 0.00	89.74 -0.42 0.00	109.00 -0.64 0.00	124.15 -0.68 0.00	148.33 -1.19 0.00	100.81 -0.45 0.00	79.41 -0.50 0.00	77.04 -0.99 0.00	54.13 -0.52 0.00
GILBOA___1 23756	48.32 0.85 -0.09	40.12 0.76 0.00	42.72 1.24 0.00	40.62 1.44 0.00	40.47 1.40 0.00	43.60 1.45 0.00	50.78 0.92 0.00	51.76 0.64 0.00	57.24 0.63 0.00	58.05 0.54 0.00	92.09 0.79 0.00	101.27 0.96 0.00	100.68 1.08 0.00	65.08 1.12 0.00	87.15 1.34 0.00	89.88 1.24 0.00	91.32 1.16 0.00	110.49 0.86 0.00	125.78 0.95 0.00	150.40 0.88 0.00	102.75 1.49 0.00	80.99 1.09 0.00	78.70 0.68 0.00	55.31 0.66 0.00
GILBOA___2 23757	48.32 0.85 -0.09	40.12 0.76 0.00	42.72 1.24 0.00	40.62 1.44 0.00	40.47 1.40 0.00	43.60 1.45 0.00	50.78 0.92 0.00	51.76 0.64 0.00	57.24 0.63 0.00	58.05 0.54 0.00	92.09 0.79 0.00	101.27 0.96 0.00	100.68 1.08 0.00	65.08 1.12 0.00	87.15 1.34 0.00	89.88 1.24 0.00	91.32 1.16 0.00	110.49 0.86 0.00	125.78 0.95 0.00	150.40 0.88 0.00	102.75 1.49 0.00	80.99 1.09 0.00	78.70 0.68 0.00	55.31 0.66 0.00
GILBOA___3 23758	48.32 0.85 -0.09	40.12 0.76 0.00	42.72 1.24 0.00	40.62 1.44 0.00	40.47 1.40 0.00	43.60 1.45 0.00	50.78 0.92 0.00	51.76 0.64 0.00	57.24 0.63 0.00	58.05 0.54 0.00	92.09 0.79 0.00	101.27 0.96 0.00	100.68 1.08 0.00	65.08 1.12 0.00	87.15 1.34 0.00	89.88 1.24 0.00	91.32 1.16 0.00	110.49 0.86 0.00	125.78 0.95 0.00	150.40 0.88 0.00	102.75 1.49 0.00	80.99 1.09 0.00	78.70 0.68 0.00	55.31 0.66 0.00
GILBOA___4 23759	48.32 0.85 -0.09	40.12 0.76 0.00	42.72 1.24 0.00	40.62 1.44 0.00	40.47 1.40 0.00	43.60 1.45 0.00	50.78 0.92 0.00	51.76 0.64 0.00	57.24 0.63 0.00	58.05 0.54 0.00	92.09 0.79 0.00	101.27 0.96 0.00	100.68 1.08 0.00	65.08 1.12 0.00	87.15 1.34 0.00	89.88 1.24 0.00	91.32 1.16 0.00	110.49 0.86 0.00	125.78 0.95 0.00	150.40 0.88 0.00	102.75 1.49 0.00	80.99 1.09 0.00	78.70 0.68 0.00	55.31 0.66 0.00

GILBOA____ 23599	48.32 0.85 -0.09	40.12 0.76 0.00	42.72 1.24 0.00	40.62 1.45 0.00	40.47 1.40 0.00	43.60 1.45 0.00	50.79 0.92 0.00	51.76 0.64 0.00	57.24 0.63 0.00	58.05 0.55 0.00	92.10 0.79 0.00	101.28 0.97 0.00	100.69 1.09 0.00	65.08 1.12 0.00	87.15 1.35 0.00	89.88 1.24 0.00	91.32 1.16 0.00	110.49 0.86 0.00	125.78 0.95 0.00	150.40 0.88 0.00	102.75 1.49 0.00	80.99 1.09 0.00	78.71 0.69 0.00	55.31 0.66 0.00
GINNA____ 23603	47.24 -0.14 0.00	39.18 -0.18 0.00	40.76 -0.72 0.00	38.17 -1.01 0.00	37.91 -1.16 0.00	40.99 -1.16 0.00	48.72 -1.14 0.00	49.73 -1.39 0.00	55.60 -1.01 0.00	56.90 -0.61 0.00	90.45 -0.85 0.00	99.31 -1.00 0.00	99.28 -0.32 0.00	63.38 -0.59 0.00	84.79 -1.02 0.00	87.53 -1.11 0.00	88.64 -1.52 0.00	108.18 -1.46 0.00	123.83 -1.00 0.00	149.72 0.20 0.00	101.70 0.44 0.00	79.16 -0.75 0.00	77.32 -0.71 0.00	54.16 -0.49 0.00
GLEN PARK____ 23778	50.44 3.05 -0.01	41.36 1.95 -0.05	43.24 1.70 -0.06	41.11 1.93 -0.01	41.25 2.18 0.00	44.95 2.74 -0.05	54.30 3.80 -0.64	55.13 3.94 -0.07	61.58 4.65 -0.33	62.37 4.68 -0.18	102.76 7.86 -3.59	112.59 8.17 -4.12	111.00 7.98 -3.41	67.70 3.73 0.00	90.54 4.73 0.00	92.99 3.88 -0.47	94.08 3.92 0.00	114.38 4.74 0.00	131.85 7.02 0.00	161.49 11.64 -0.33	111.65 9.64 -0.74	88.19 7.50 -0.79	86.88 6.90 -1.95	58.91 4.11 -0.15
GLENDALE_27_KV_LOAD 356172	50.63 2.71 -0.55	41.78 2.43 0.00	44.21 2.72 0.00	41.71 2.53 0.00	41.48 2.41 0.00	44.65 2.50 0.00	52.30 2.44 0.00	53.50 2.39 0.00	59.10 2.49 0.00	59.99 2.49 0.00	95.50 4.19 0.00	105.64 5.33 0.00	105.46 5.85 0.00	68.22 4.25 0.00	91.35 5.54 0.00	94.37 5.73 0.00	95.98 5.82 0.00	115.89 6.26 0.00	130.82 6.01 0.03	152.86 6.92 3.58	106.16 5.23 0.32	67.49 3.42 15.83	65.03 2.46 15.45	53.40 2.20 3.45
GLENWOOD_IC_1_G5 23712	50.73 2.81 -0.55	41.79 2.44 0.00	44.17 2.69 0.00	41.65 2.47 0.00	41.41 2.34 0.00	44.57 2.42 0.00	52.12 2.26 0.00	52.56 2.03 0.59	54.74 1.72 3.58	59.31 1.80 0.00	94.18 3.31 0.43	91.98 4.70 13.03	93.00 5.05 11.66	67.96 3.96 -0.03	91.16 5.14 -0.21	94.37 5.55 -0.18	98.71 5.72 -2.84	116.14 6.28 -0.23	129.42 5.87 1.28	154.94 6.69 1.27	106.24 4.99 0.00	82.46 3.03 0.47	75.35 1.99 4.66	56.14 1.93 0.44
GLENWOOD_IC_2_G1 23688	50.48 2.55 -0.55	41.57 2.21 0.00	43.96 2.47 0.00	41.46 2.28 0.00	41.22 2.15 0.00	44.38 2.22 0.00	51.93 2.07 0.00	53.01 1.90 0.00	58.49 1.89 0.02	59.43 1.93 0.00	94.70 3.39 0.00	104.95 4.64 0.00	104.57 4.97 0.00	67.80 3.84 0.00	90.77 4.97 0.00	93.93 5.29 0.00	98.34 5.44 -2.73	115.85 5.98 -0.23	130.56 5.73 0.00	156.07 6.55 0.00	106.23 4.97 0.00	82.91 3.00 0.00	79.96 1.94 0.00	56.44 1.79 0.00
GLENWOOD_IC_3_G1 23689	50.48 2.55 -0.55	41.57 2.21 0.00	43.96 2.47 0.00	41.46 2.28 0.00	41.22 2.15 0.00	44.38 2.22 0.00	51.93 2.07 0.00	53.01 1.90 0.00	58.49 1.89 0.02	59.43 1.93 0.00	94.70 3.39 0.00	104.95 4.64 0.00	104.57 4.97 0.00	67.80 3.84 0.00	90.77 4.97 0.00	93.93 5.29 0.00	98.34 5.44 -2.73	115.85 5.98 -0.23	130.56 5.73 0.00	156.07 6.55 0.00	106.23 4.97 0.00	82.91 3.00 0.00	79.96 1.94 0.00	56.44 1.79 0.00
GLENWOOD____4 23550	50.73 2.81 -0.55	41.79 2.44 0.00	44.17 2.69 0.00	41.65 2.47 0.00	41.41 2.34 0.00	44.57 2.42 0.00	52.12 2.26 0.00	52.57 2.04 0.59	54.87 1.85 3.58	59.45 1.94 0.00	94.41 3.53 0.43	92.22 4.94 13.03	93.25 5.31 11.66	68.11 4.11 -0.03	91.38 5.35 -0.21	94.58 5.76 -0.18	98.92 5.93 -2.84	116.41 6.55 -0.23	129.73 6.18 1.28	155.31 7.06 1.27	106.49 5.23 0.00	82.59 3.16 0.47	75.42 2.05 4.66	56.14 1.93 0.44
GLENWOOD____5 23614	50.73 2.81 -0.55	41.79 2.44 0.00	44.17 2.69 0.00	41.65 2.47 0.00	41.41 2.34 0.00	44.57 2.42 0.00	52.12 2.26 0.00	52.57 2.04 0.59	54.87 1.85 3.58	59.45 1.94 0.00	94.41 3.53 0.43	92.22 4.94 13.03	93.25 5.31 11.66	68.11 4.11 -0.03	91.38 5.35 -0.21	94.58 5.76 -0.18	98.92 5.93 -2.84	116.41 6.55 -0.23	129.73 6.18 1.28	155.31 7.06 1.27	106.49 5.23 0.00	82.59 3.16 0.47	75.42 2.05 4.66	56.14 1.93 0.44
GLOBAL GREEN_PORT_GT1 23814	52.33 4.40 -0.55	43.28 3.93 0.00	45.71 4.22 0.00	42.99 3.82 0.00	42.66 3.59 0.00	45.86 3.70 0.00	53.41 3.55 0.00	52.47 3.13 1.78	47.35 3.74 12.99	61.70 4.20 0.00	95.19 5.49 1.60	64.80 6.62 42.13	72.36 7.11 34.35	69.75 5.81 0.03	92.84 7.24 0.21	96.61 8.15 0.17	101.83 9.03 -2.64	120.38 10.51 -0.23	130.99 9.85 3.70	155.80 10.69 4.40	108.06 6.80 0.00	76.69 3.58 6.79	44.31 3.80 37.52	55.88 2.56 1.33
GLOBE____DSASP 323697	48.48 1.11 0.00	40.41 1.05 0.00	41.64 0.16 0.00	38.75 -0.43 0.00	38.36 -0.71 0.00	41.44 -0.71 0.00	49.40 -0.46 0.00	49.88 -1.24 0.00	56.09 -0.52 0.00	57.56 0.06 0.00	91.40 0.10 0.00	100.39 0.08 0.00	100.29 0.69 0.00	63.47 -0.50 0.00	84.84 -0.97 0.00	87.26 -1.38 0.00	87.88 -2.28 0.00	107.45 -2.18 0.00	122.93 -1.90 0.00	149.69 0.17 0.00	101.80 0.54 0.00	78.48 -1.43 0.00	77.73 -0.30 0.00	55.03 0.38 0.00
GOETHSLN____LBMP 323567	50.16 2.24 -0.55	41.30 1.94 0.00	43.71 2.23 0.00	41.25 2.07 0.00	41.02 1.94 0.00	44.16 2.01 0.00	51.63 1.88 0.11	52.50 1.85 0.46	53.37 1.88 5.11	54.90 1.80 4.41	87.92 3.11 6.49	98.12 4.17 6.36	96.34 4.60 7.87	67.39 3.46 0.03	71.72 4.48 18.57	93.32 4.68 0.00	94.87 4.71 0.00	114.63 5.00 0.00	129.46 4.67 0.04	151.22 5.29 3.59	105.39 4.14 0.01	82.54 2.65 0.01	79.73 1.71 0.02	56.39 1.74 0.00
GOLAH____69_KV_TB 1_2 80279	49.99 2.62 0.00	41.44 2.08 0.00	42.99 1.51 0.00	40.18 1.00 0.00	39.88 0.81 0.00	43.13 0.97 0.00	51.34 1.48 0.00	52.24 1.13 0.00	58.49 1.88 0.00	59.83 2.32 0.00	95.08 3.78 0.00	104.26 3.95 0.00	104.15 4.54 0.00	66.35 2.39 0.00	88.74 2.94 0.00	91.51 2.87 0.00	92.68 2.52 0.00	113.30 3.67 0.00	129.60 4.77 0.00	157.41 7.89 0.00	107.11 5.85 0.00	83.17 3.26 0.00	81.70 3.67 0.00	57.33 2.68 0.00
GOODYEAR_LAKE_HYD 323669	49.55 2.17 0.00	41.15 1.80 0.00	43.46 1.98 0.00	41.06 1.89 0.00	40.86 1.79 0.00	44.17 2.02 0.00	52.06 2.19 0.00	53.32 2.20 0.00	59.16 2.55 0.00	60.20 2.70 0.00	95.55 4.24 0.00	104.95 4.64 0.00	104.39 4.79 0.00	67.33 3.37 0.00	90.35 4.54 0.00	93.41 4.77 0.00	94.79 4.63 0.00	115.16 5.53 0.00	131.30 6.46 0.00	157.40 7.88 0.00	107.08 5.83 0.00	84.00 4.10 0.00	81.68 3.65 0.00	57.21 2.56 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.14 0.76 0.00	40.02 0.66 0.00	42.16 0.68 0.00	39.78 0.60 0.00	39.59 0.52 0.00	42.79 0.64 0.00	50.58 0.71 0.00	51.77 0.66 0.00	57.32 0.72 0.00	58.32 0.82 0.00	92.90 1.59 0.00	101.90 1.59 0.00	101.48 1.88 0.00	65.41 1.44 0.00	87.78 1.97 0.00	90.58 1.94 0.00	91.63 1.47 0.00	111.46 1.82 0.00	127.64 2.81 0.00	153.18 3.66 0.00	104.47 3.22 0.00	81.56 1.66 0.00	79.39 1.36 0.00	55.68 1.03 0.00

GOUDEY___7 23579	48.14 0.76 0.00	40.02 0.66 0.00	42.16 0.68 0.00	39.78 0.60 0.00	39.59 0.52 0.00	42.79 0.64 0.00	50.58 0.71 0.00	51.77 0.66 0.00	57.32 0.72 0.00	58.32 0.82 0.00	92.90 1.59 0.00	101.90 1.59 0.00	101.48 1.88 0.00	65.41 1.44 0.00	87.78 1.97 0.00	90.58 1.94 0.00	91.63 1.47 0.00	111.46 1.82 0.00	127.64 2.81 0.00	153.18 3.66 0.00	104.47 3.22 0.00	81.56 1.66 0.00	79.39 1.36 0.00	55.68 1.03 0.00
GOUDEY___8 23580	48.14 0.76 0.00	40.02 0.66 0.00	42.16 0.68 0.00	39.78 0.60 0.00	39.59 0.52 0.00	42.79 0.64 0.00	50.58 0.71 0.00	51.77 0.66 0.00	57.32 0.72 0.00	58.32 0.82 0.00	92.90 1.59 0.00	101.90 1.59 0.00	101.48 1.88 0.00	65.41 1.44 0.00	87.78 1.97 0.00	90.58 1.94 0.00	91.63 1.47 0.00	111.46 1.82 0.00	127.64 2.81 0.00	153.18 3.66 0.00	104.47 3.22 0.00	81.56 1.66 0.00	79.39 1.36 0.00	55.68 1.03 0.00
GOWANUS_GT1_1 24077	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT1_2 24078	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT1_3 24079	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT1_4 24080	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT1_5 24084	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT1_6 24111	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT1_7 24112	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT1_8 24113	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT2_1 24114	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT2_2 24115	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT2_3 24116	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT2_4 24117	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT2_5 24118	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00

GOWANUS_GT2_6 24119	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT2_7 24120	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT2_8 24121	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT3_1 24122	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT3_2 24123	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT3_3 24124	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT3_4 24125	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT3_5 24126	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT3_6 24127	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT3_7 24128	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT3_8 24129	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
GOWANUS_GT4_1 24130	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT4_2 24131	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT4_3 24132	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT4_4 24133	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00

GOWANUS_GT4_5 24134	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT4_6 24135	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT4_7 24136	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GOWANUS_GT4_8 24137	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GREATVR_69_KV_BK1 356245	51.39 3.47 -0.55	42.44 3.08 0.00	44.82 3.34 0.00	42.19 3.01 0.00	41.89 2.82 0.00	45.06 2.91 0.00	52.39 2.53 0.00	51.40 2.01 1.72	45.95 2.09 12.75	59.81 2.30 0.00	93.53 3.77 1.55	65.37 5.76 40.69	72.34 5.89 33.15	68.87 4.93 0.02	91.63 5.98 0.16	95.16 6.65 0.13	99.96 7.15 -2.66	118.17 8.30 -0.23	129.04 7.77 3.57	154.09 8.80 4.23	107.57 6.32 0.00	77.05 3.54 6.39	44.80 2.28 35.51	55.30 1.93 1.29
GREENBSH_115KV_TB3 55895	46.94 -0.01 0.42	39.38 0.03 0.00	41.72 0.24 0.00	39.47 0.29 0.00	39.40 0.32 0.00	42.40 0.25 0.00	49.79 -0.08 0.00	50.89 -0.22 0.00	56.22 -0.38 0.00	57.00 -0.51 0.00	90.65 -0.66 0.00	99.80 -0.51 0.00	99.38 -0.22 0.00	63.99 0.03 0.00	85.75 -0.06 0.00	88.47 -0.17 0.00	89.96 -0.20 0.00	109.29 -0.35 0.00	124.60 -0.23 0.00	148.78 -0.74 0.00	101.11 -0.15 0.00	79.64 -0.26 0.00	77.21 -0.82 0.00	54.23 -0.42 0.00
GREENDGE_115KV_TB5 80291	49.18 1.80 0.00	40.91 1.55 0.00	42.81 1.32 0.00	40.20 1.02 0.00	39.99 0.92 0.00	43.28 1.12 0.00	51.22 1.36 0.00	52.28 1.16 0.00	57.74 1.13 0.00	58.77 1.26 0.00	93.59 2.28 0.00	102.11 1.79 0.00	102.11 2.51 0.00	66.09 2.13 0.00	88.36 2.55 0.00	91.27 2.63 0.00	92.35 2.19 0.00	112.02 2.38 0.00	128.46 3.63 0.00	154.40 4.89 0.00	106.11 4.85 0.00	82.87 2.97 0.00	80.50 2.47 0.00	56.80 2.15 0.00
GREENIDGE___3 23582	49.18 1.80 0.00	40.91 1.55 0.00	42.81 1.32 0.00	40.20 1.02 0.00	39.99 0.92 0.00	43.28 1.12 0.00	51.22 1.36 0.00	52.28 1.16 0.00	57.74 1.13 0.00	58.77 1.26 0.00	93.59 2.28 0.00	102.11 1.79 0.00	102.11 2.51 0.00	66.09 2.13 0.00	88.36 2.55 0.00	91.27 2.63 0.00	92.35 2.19 0.00	112.02 2.38 0.00	128.46 3.63 0.00	154.40 4.89 0.00	106.11 4.85 0.00	82.87 2.97 0.00	80.50 2.47 0.00	56.80 2.15 0.00
GREENIDGE___4 23583	49.17 1.80 0.00	40.91 1.55 0.00	42.80 1.32 0.00	40.20 1.02 0.00	39.99 0.92 0.00	43.28 1.12 0.00	51.21 1.34 0.00	52.28 1.17 0.00	57.75 1.15 0.00	58.77 1.26 0.00	93.60 2.29 0.00	102.12 1.81 0.00	102.12 2.52 0.00	66.09 2.13 0.00	88.38 2.57 0.00	91.26 2.63 0.00	92.35 2.19 0.00	112.01 2.38 0.00	128.47 3.64 0.00	154.40 4.89 0.00	106.09 4.84 0.00	82.87 2.97 0.00	80.49 2.46 0.00	56.80 2.15 0.00
GREENLWN_69_KV_BK 3 55738	50.17 2.24 -0.55	41.49 2.14 0.00	43.87 2.39 0.00	41.35 2.17 0.00	41.09 2.01 0.00	44.18 2.03 0.00	51.18 1.31 0.00	50.02 0.64 1.74	41.26 0.27 15.62	57.90 0.40 0.00	90.81 1.07 1.57	62.02 2.80 41.10	68.93 2.81 33.48	66.73 2.79 0.03	89.07 3.44 0.18	92.46 3.97 0.15	96.99 4.18 -2.65	114.17 4.31 -0.23	124.63 3.41 3.61	149.00 3.76 4.28	104.28 3.03 0.00	74.31 0.94 6.53	41.49 -0.34 36.20	53.73 0.38 1.30
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00
GRISSOM___SOLAR 323813	50.30 3.24 0.32	42.00 2.65 0.00	44.25 2.77 0.00	41.75 2.58 0.00	41.61 2.54 0.00	45.01 2.86 0.00	53.31 3.44 0.00	54.34 3.22 0.00	59.93 3.33 0.00	59.66 2.16 0.00	94.85 3.55 0.00	104.18 3.88 0.00	102.60 3.00 0.00	65.56 1.60 0.00	88.74 2.93 0.00	92.29 3.65 0.00	94.84 4.68 0.00	117.08 7.44 0.00	134.32 9.49 0.00	161.52 12.00 0.00	109.84 8.58 0.00	86.38 6.48 0.00	83.97 5.95 0.00	58.62 3.97 0.00
GROVEVILLE___HYD 323602	50.43 2.61 -0.44	41.54 2.19 0.00	43.91 2.42 0.00	41.46 2.28 0.00	41.25 2.18 0.00	44.44 2.29 0.00	52.22 2.35 0.00	53.52 2.40 0.00	59.26 2.65 0.00	60.13 2.62 0.00	95.79 4.49 0.00	105.93 5.62 0.00	105.56 5.96 0.00	68.22 4.26 0.00	91.42 5.61 0.00	94.70 6.06 0.00	96.43 6.27 0.00	116.74 7.11 0.00	132.17 7.34 0.00	157.81 8.29 0.00	107.15 5.89 0.00	83.86 3.95 0.00	81.09 3.07 0.00	57.02 2.38 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.47 0.08 -0.01	39.46 0.06 -0.05	41.49 -0.05 -0.06	39.08 -0.11 -0.01	38.92 -0.16 0.00	42.09 -0.12 -0.05	50.36 -0.13 -0.63	51.03 -0.16 -0.07	56.85 -0.07 -0.31	57.73 0.05 -0.18	95.04 0.26 -3.48	104.55 0.25 -3.99	103.56 0.66 -3.30	64.48 0.52 0.00	86.53 0.72 0.00	89.60 0.50 -0.46	90.48 0.32 0.00	110.00 0.36 0.00	125.69 0.85 0.00	151.38 1.54 -0.32	103.44 1.46 -0.72	81.33 0.66 -0.77	80.22 0.29 -1.90	54.94 0.15 -0.14
HAMLTNNY_34_KV_TB 80303	48.38 0.99 -0.01	40.17 0.77 -0.04	42.15 0.61 -0.06	39.62 0.43 -0.01	39.38 0.31 0.00	42.60 0.39 -0.05	51.00 0.55 -0.58	51.62 0.44 -0.07	57.54 0.64 -0.30	58.39 0.71 -0.17	96.10 1.54 -3.26	105.60 1.56 -3.73	104.70 2.00 -3.09	65.33 1.37 0.00	87.55 1.74 0.00	90.65 1.59 -0.43	91.53 1.37 0.00	111.42 1.79 0.00	127.39 2.56 0.00	153.60 3.79 -0.30	105.07 3.13 -0.68	82.48 1.86 -0.72	81.26 1.45 -1.78	55.82 1.04 -0.13

HAMPSHIRE___PAPER_HYD 323593	48.29 0.90 0.00	39.78 0.40 -0.02	41.71 0.20 -0.02	39.59 0.41 0.00	39.68 0.61 0.00	43.10 0.92 -0.02	51.64 1.54 -0.24	52.83 1.69 -0.03	58.61 1.89 -0.12	59.38 1.81 -0.07	95.56 2.94 -1.31	104.39 2.57 -1.51	103.22 2.37 -1.25	64.87 0.91 0.00	86.75 0.94 0.00	89.42 0.61 -0.17	90.84 0.68 0.00	110.50 0.86 0.00	126.16 1.33 0.00	152.84 3.20 -0.12	104.24 2.71 -0.27	82.84 2.65 -0.29	81.81 3.06 -0.72	56.64 1.94 -0.05
HARDSCRABBLE_WT_PWR 323673	48.24 0.86 0.00	40.13 0.77 0.00	42.55 1.07 0.00	40.23 1.06 0.00	40.15 1.08 0.00	43.31 1.16 0.00	50.79 0.92 0.00	51.85 0.73 0.00	57.05 0.44 0.00	57.39 -0.12 0.00	91.48 0.18 0.00	100.45 0.14 0.00	99.64 0.04 0.00	64.15 0.18 0.00	86.41 0.60 0.00	89.49 0.84 0.00	91.68 1.52 0.00	112.22 2.58 0.00	128.49 3.66 0.00	153.79 4.27 0.00	104.62 3.36 0.00	82.43 2.52 0.00	79.59 1.56 0.00	55.65 1.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.26 2.41 -0.48	41.34 1.98 0.00	43.69 2.21 0.00	41.23 2.06 0.00	41.01 1.93 0.00	44.16 2.01 0.00	51.88 2.01 0.00	53.15 2.04 0.00	58.84 2.23 0.00	59.72 2.22 0.00	95.18 3.87 0.00	105.23 4.92 0.00	104.79 5.19 0.00	67.60 3.63 0.00	90.76 4.95 0.00	93.92 5.28 0.00	95.72 5.57 0.00	115.77 6.13 0.00	131.03 6.20 0.00	156.41 6.89 0.00	106.34 5.09 0.00	83.31 3.41 0.00	80.59 2.56 0.00	56.75 2.10 0.00
HARSNRAD_115KV_TB1 81005	48.86 1.48 0.00	40.67 1.31 0.00	41.92 0.44 0.00	39.00 -0.18 0.00	38.61 -0.46 0.00	41.76 -0.40 0.00	49.79 -0.08 0.00	50.28 -0.83 0.00	56.53 -0.07 0.00	57.99 0.49 0.00	92.07 0.76 0.00	101.18 0.87 0.00	100.97 1.36 0.00	63.94 -0.03 0.00	85.36 -0.45 0.00	87.97 -0.67 0.00	89.01 -1.15 0.00	108.94 -0.69 0.00	124.83 0.00 0.00	152.15 2.63 0.00	103.71 2.45 0.00	79.88 -0.03 0.00	79.07 1.04 0.00	56.00 1.35 0.00
HARZA MOOSE___RIVER 24016	49.03 1.65 0.00	40.38 1.01 -0.01	42.41 0.91 -0.02	40.29 1.11 0.00	40.35 1.28 0.00	43.77 1.60 -0.01	52.19 2.17 -0.16	53.39 2.26 -0.02	59.36 2.67 -0.08	60.28 2.73 -0.05	96.61 4.40 -0.90	105.81 4.47 -1.04	104.89 4.42 -0.86	66.67 2.70 0.00	89.10 3.29 0.00	91.98 3.23 -0.12	93.62 3.46 0.00	113.71 4.08 0.00	130.15 5.31 0.00	157.26 7.66 -0.08	107.32 5.88 -0.19	84.73 4.63 -0.20	82.77 4.24 -0.50	57.33 2.65 -0.04
HDSNBRDG_115KV_BRDG_TB1 355580	47.36 -0.02 0.00	39.32 -0.04 0.00	41.34 -0.14 0.00	38.99 -0.19 0.00	38.84 -0.23 0.00	41.93 -0.22 0.00	49.61 -0.26 0.00	50.82 -0.30 0.00	56.42 -0.19 0.00	57.48 -0.03 0.00	91.42 0.12 0.00	100.44 0.13 0.00	100.13 0.53 0.00	64.41 0.45 0.00	86.36 0.55 0.00	89.03 0.39 0.00	90.32 0.16 0.00	109.76 0.12 0.00	125.37 0.54 0.00	150.62 1.10 0.00	102.42 1.17 0.00	80.28 0.38 0.00	78.09 0.06 0.00	54.65 0.00 0.00
HELLGATE_13_KV_LD 55870	50.78 2.85 -0.55	41.91 2.55 0.00	44.33 2.84 0.00	41.83 2.65 0.00	41.61 2.53 0.00	44.79 2.64 0.00	52.48 2.62 0.00	53.70 2.58 0.00	59.32 2.72 0.00	60.21 2.70 0.00	95.83 4.52 0.00	106.02 5.71 0.00	105.83 6.23 0.00	68.49 4.53 0.00	91.70 5.89 0.00	94.72 6.08 0.00	96.33 6.18 0.00	116.32 6.68 0.00	131.25 6.44 0.02	154.55 7.39 2.36	106.54 5.51 0.22	72.28 3.59 11.21	69.72 2.63 10.94	54.56 2.36 2.44
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.78 2.85 -0.55	41.91 2.55 0.00	44.33 2.84 0.00	41.83 2.65 0.00	41.61 2.53 0.00	44.79 2.64 0.00	52.48 2.62 0.00	53.70 2.58 0.00	59.32 2.72 0.00	60.21 2.70 0.00	95.83 4.52 0.00	106.02 5.71 0.00	105.83 6.23 0.00	68.49 4.53 0.00	91.70 5.89 0.00	94.72 6.08 0.00	96.33 6.18 0.00	116.32 6.68 0.00	131.25 6.44 0.02	154.55 7.39 2.36	106.54 5.51 0.22	72.28 3.59 11.21	69.72 2.63 10.94	54.56 2.36 2.44
HEMPSTEAD____ 23647	50.54 2.61 -0.55	41.69 2.33 0.00	44.04 2.56 0.00	41.52 2.34 0.00	41.27 2.20 0.00	44.40 2.25 0.00	51.79 1.93 0.00	51.79 1.56 0.88	52.59 1.41 5.43	58.99 1.48 0.00	93.25 2.67 0.73	84.08 4.05 20.28	85.62 4.35 18.33	67.66 3.67 -0.02	90.67 4.68 -0.17	93.92 5.14 -0.15	98.33 5.35 -2.82	115.75 5.89 -0.23	128.06 5.23 2.00	153.47 5.99 2.04	105.83 4.58 0.00	81.35 2.45 1.01	70.95 1.28 8.35	55.33 1.34 0.66
HICKLING___1 23621	48.70 1.32 0.00	40.52 1.16 0.00	42.52 1.04 0.00	40.00 0.82 0.00	39.79 0.72 0.00	43.06 0.91 0.00	51.11 1.25 0.00	52.21 1.10 0.00	57.77 1.16 0.00	58.86 1.36 0.00	94.04 2.74 0.00	103.15 2.84 0.00	102.86 3.26 0.00	66.12 2.15 0.00	88.56 2.76 0.00	91.44 2.80 0.00	92.29 2.13 0.00	112.50 2.87 0.00	129.37 4.54 0.00	155.90 6.39 0.00	106.67 5.41 0.00	82.70 2.79 0.00	80.64 2.61 0.00	56.62 1.97 0.00
HICKLING___2 23622	48.70 1.32 0.00	40.52 1.16 0.00	42.52 1.04 0.00	40.00 0.82 0.00	39.79 0.72 0.00	43.06 0.91 0.00	51.11 1.25 0.00	52.21 1.10 0.00	57.77 1.16 0.00	58.86 1.36 0.00	94.04 2.74 0.00	103.15 2.84 0.00	102.86 3.26 0.00	66.12 2.15 0.00	88.56 2.76 0.00	91.44 2.80 0.00	92.29 2.13 0.00	112.50 2.87 0.00	129.37 4.54 0.00	155.90 6.39 0.00	106.67 5.41 0.00	82.70 2.79 0.00	80.64 2.61 0.00	56.62 1.97 0.00
HIGH FALLS___HY 23754	50.39 2.72 -0.30	41.59 2.23 0.00	43.92 2.44 0.00	41.47 2.29 0.00	41.21 2.15 0.00	44.41 2.26 0.00	52.17 2.30 0.00	53.46 2.34 0.00	59.24 2.63 0.00	60.10 2.59 0.00	95.64 4.34 0.00	106.05 5.74 0.00	104.98 5.38 0.00	67.74 3.77 0.00	90.94 5.13 0.00	94.49 5.85 0.00	96.84 6.68 0.00	117.22 7.59 0.00	132.32 7.48 0.00	157.99 8.47 0.00	107.28 6.03 0.00	84.11 4.21 0.00	81.31 3.28 0.00	57.13 2.48 0.00
HIGH_RIVER___SOLAR 323847	49.14 2.11 0.35	41.09 1.74 0.00	43.39 1.91 0.00	40.97 1.80 0.00	40.84 1.77 0.00	44.10 1.95 0.00	52.01 2.15 0.00	53.06 1.94 0.00	58.38 1.78 0.00	58.68 1.17 0.00	93.45 2.15 0.00	102.96 2.65 0.00	101.66 2.05 0.00	64.96 1.00 0.00	87.68 1.87 0.00	90.78 2.14 0.00	93.06 2.91 0.00	114.20 4.56 0.00	130.67 5.84 0.00	156.85 7.33 0.00	106.65 5.39 0.00	83.92 4.02 0.00	81.54 3.52 0.00	57.10 2.45 0.00
HILLBURN___GT 23639	50.10 2.23 -0.49	41.19 1.84 0.00	43.56 2.08 0.00	41.11 1.93 0.00	40.87 1.80 0.00	43.99 1.84 0.00	51.64 1.78 0.00	52.94 1.82 0.00	58.56 1.96 0.00	59.42 1.92 0.00	94.59 3.28 0.00	104.58 4.27 0.00	104.14 4.53 0.00	67.27 3.30 0.00	90.22 4.42 0.00	93.43 4.80 0.00	95.02 4.86 0.00	114.89 5.26 0.00	130.05 5.22 0.00	155.28 5.76 0.00	105.69 4.43 0.00	82.79 2.89 0.00	80.06 2.03 0.00	56.46 1.81 0.00
HILLSIDE_115KV_TB1 80332	47.71 0.33 0.00	39.70 0.34 0.00	41.77 0.29 0.00	39.35 0.17 0.00	39.13 0.07 0.00	42.33 0.18 0.00	50.24 0.38 0.00	51.38 0.26 0.00	56.77 0.16 0.00	57.78 0.28 0.00	92.38 1.08 0.00	101.20 0.89 0.00	100.79 1.19 0.00	64.94 0.98 0.00	87.12 1.32 0.00	89.86 1.22 0.00	90.70 0.54 0.00	110.42 0.79 0.00	127.04 2.20 0.00	152.57 3.06 0.00	104.36 3.10 0.00	80.99 1.09 0.00	78.91 0.89 0.00	55.43 0.78 0.00

HISHELDN_WT_PWR 323625	49.35 1.97 0.00	41.07 1.72 0.00	42.54 1.06 0.00	39.69 0.51 0.00	39.36 0.29 0.00	42.59 0.44 0.00	50.69 0.83 0.00	51.29 0.18 0.00	57.42 0.81 0.00	58.88 1.38 0.00	93.64 2.33 0.00	102.79 2.48 0.00	102.62 3.01 0.00	65.15 1.18 0.00	86.94 1.13 0.00	89.79 1.16 0.00	90.72 0.56 0.00	111.08 1.45 0.00	127.46 2.63 0.00	155.15 5.63 0.00	105.99 4.74 0.00	81.77 1.86 0.00	80.51 2.48 0.00	56.80 2.15 0.00
HOLTSVILLE_IC_1 23690	50.33 2.40 -0.55	41.62 2.26 0.00	43.99 2.51 0.00	41.43 2.25 0.00	41.14 2.07 0.00	44.23 2.07 0.00	51.35 1.49 0.00	50.19 0.86 1.78	44.50 0.80 12.90	58.40 0.90 0.00	91.24 1.55 1.61	61.27 3.17 42.21	68.47 3.28 34.42	67.16 3.22 0.03	89.35 3.75 0.21	92.82 4.35 0.18	97.53 4.73 -2.63	115.18 5.31 -0.23	125.52 4.39 3.70	149.87 4.76 4.41	104.89 3.64 0.00	74.55 1.46 6.81	40.70 0.30 37.63	53.95 0.64 1.33
HOLTSVILLE_IC_10 23699	50.65 2.73 -0.55	41.86 2.51 0.00	44.22 2.74 0.00	41.64 2.47 0.00	41.34 2.27 0.00	44.44 2.29 0.00	51.63 1.77 0.00	50.52 1.17 1.77	44.56 1.24 13.28	58.87 1.37 0.00	92.01 2.30 1.59	62.51 4.05 41.85	69.69 4.20 34.11	67.79 3.85 0.03	90.18 4.57 0.20	93.68 5.21 0.16	98.47 5.67 -2.64	116.32 6.45 -0.23	126.85 5.69 3.67	151.40 6.25 4.37	105.86 4.60 0.00	75.35 2.16 6.71	41.84 0.94 37.13	54.37 1.04 1.32
HOLTSVILLE_IC_2 23691	50.33 2.40 -0.55	41.62 2.26 0.00	43.99 2.51 0.00	41.43 2.25 0.00	41.14 2.07 0.00	44.23 2.07 0.00	51.35 1.49 0.00	50.19 0.86 1.78	44.50 0.80 12.90	58.40 0.90 0.00	91.24 1.55 1.61	61.27 3.17 42.21	68.47 3.28 34.42	67.16 3.22 0.03	89.35 3.75 0.21	92.82 4.35 0.18	97.53 4.73 -2.63	115.18 5.31 -0.23	125.52 4.39 3.70	149.87 4.76 4.41	104.89 3.64 0.00	74.55 1.46 6.81	40.70 0.30 37.63	53.95 0.64 1.33
HOLTSVILLE_IC_3 23692	50.33 2.40 -0.55	41.62 2.26 0.00	43.99 2.51 0.00	41.43 2.25 0.00	41.14 2.07 0.00	44.23 2.07 0.00	51.35 1.49 0.00	50.19 0.86 1.78	44.50 0.80 12.90	58.40 0.90 0.00	91.24 1.55 1.61	61.27 3.17 42.21	68.47 3.28 34.42	67.16 3.22 0.03	89.35 3.75 0.21	92.82 4.35 0.18	97.53 4.73 -2.63	115.18 5.31 -0.23	125.52 4.39 3.70	149.87 4.76 4.41	104.89 3.64 0.00	74.55 1.46 6.81	40.70 0.30 37.63	53.95 0.64 1.33
HOLTSVILLE_IC_4 23693	50.33 2.40 -0.55	41.62 2.26 0.00	43.99 2.51 0.00	41.43 2.25 0.00	41.14 2.07 0.00	44.23 2.07 0.00	51.35 1.49 0.00	50.19 0.86 1.78	44.50 0.80 12.90	58.40 0.90 0.00	91.24 1.55 1.61	61.27 3.17 42.21	68.47 3.28 34.42	67.16 3.22 0.03	89.35 3.75 0.21	92.82 4.35 0.18	97.53 4.73 -2.63	115.18 5.31 -0.23	125.52 4.39 3.70	149.87 4.76 4.41	104.89 3.64 0.00	74.55 1.46 6.81	40.70 0.30 37.63	53.95 0.64 1.33
HOLTSVILLE_IC_5 23694	50.33 2.40 -0.55	41.62 2.26 0.00	43.99 2.51 0.00	41.43 2.25 0.00	41.14 2.07 0.00	44.23 2.07 0.00	51.35 1.49 0.00	50.19 0.86 1.78	44.50 0.80 12.90	58.40 0.90 0.00	91.24 1.55 1.61	61.27 3.17 42.21	68.47 3.28 34.42	67.16 3.22 0.03	89.35 3.75 0.21	92.82 4.35 0.18	97.53 4.73 -2.63	115.18 5.31 -0.23	125.52 4.39 3.70	149.87 4.76 4.41	104.89 3.64 0.00	74.55 1.46 6.81	40.70 0.30 37.63	53.95 0.64 1.33
HOLTSVILLE_IC_6 23695	50.65 2.73 -0.55	41.86 2.51 0.00	44.22 2.74 0.00	41.64 2.47 0.00	41.34 2.27 0.00	44.44 2.29 0.00	51.63 1.77 0.00	50.52 1.17 1.77	44.56 1.24 13.28	58.87 1.37 0.00	92.01 2.30 1.59	62.51 4.05 41.85	69.69 4.20 34.11	67.79 3.85 0.03	90.18 4.57 0.20	93.68 5.21 0.16	98.47 5.67 -2.64	116.32 6.45 -0.23	126.85 5.69 3.67	151.40 6.25 4.37	105.86 4.60 0.00	75.35 2.16 6.71	41.84 0.94 37.13	54.37 1.04 1.32
HOLTSVILLE_IC_7 23696	50.65 2.73 -0.55	41.86 2.51 0.00	44.22 2.74 0.00	41.64 2.47 0.00	41.34 2.27 0.00	44.44 2.29 0.00	51.63 1.77 0.00	50.52 1.17 1.77	44.56 1.24 13.28	58.87 1.37 0.00	92.01 2.30 1.59	62.51 4.05 41.85	69.69 4.20 34.11	67.79 3.85 0.03	90.18 4.57 0.20	93.68 5.21 0.16	98.47 5.67 -2.64	116.32 6.45 -0.23	126.85 5.69 3.67	151.40 6.25 4.37	105.86 4.60 0.00	75.35 2.16 6.71	41.84 0.94 37.13	54.37 1.04 1.32
HOLTSVILLE_IC_8 23697	50.65 2.73 -0.55	41.86 2.51 0.00	44.22 2.74 0.00	41.64 2.47 0.00	41.34 2.27 0.00	44.44 2.29 0.00	51.63 1.77 0.00	50.52 1.17 1.77	44.56 1.24 13.28	58.87 1.37 0.00	92.01 2.30 1.59	62.51 4.05 41.85	69.69 4.20 34.11	67.79 3.85 0.03	90.18 4.57 0.20	93.68 5.21 0.16	98.47 5.67 -2.64	116.32 6.45 -0.23	126.85 5.69 3.67	151.40 6.25 4.37	105.86 4.60 0.00	75.35 2.16 6.71	41.84 0.94 37.13	54.37 1.04 1.32
HOLTSVILLE_IC_9 23698	50.65 2.73 -0.55	41.86 2.51 0.00	44.22 2.74 0.00	41.64 2.47 0.00	41.34 2.27 0.00	44.44 2.29 0.00	51.63 1.77 0.00	50.52 1.17 1.77	44.56 1.24 13.28	58.87 1.37 0.00	92.01 2.30 1.59	62.51 4.05 41.85	69.69 4.20 34.11	67.79 3.85 0.03	90.18 4.57 0.20	93.68 5.21 0.16	98.47 5.67 -2.64	116.32 6.45 -0.23	126.85 5.69 3.67	151.40 6.25 4.37	105.86 4.60 0.00	75.35 2.16 6.71	41.84 0.94 37.13	54.37 1.04 1.32
HOMER_HL_115KV_TB2 355744	49.53 2.15 0.00	41.10 1.74 0.00	42.70 1.22 0.00	39.89 0.71 0.00	39.57 0.50 0.00	42.85 0.69 0.00	51.00 1.13 0.00	51.94 0.83 0.00	58.18 1.57 0.00	59.37 1.86 0.00	93.59 2.29 0.00	102.27 1.96 0.00	101.54 1.94 0.00	64.29 0.33 0.00	86.01 0.21 0.00	88.86 0.22 0.00	90.31 0.15 0.00	111.01 1.38 0.00	127.69 2.85 0.00	155.58 6.06 0.00	106.30 5.05 0.00	81.97 2.06 0.00	80.66 2.64 0.00	57.08 2.43 0.00
HOWARD_WT_PWR 323690	49.69 2.31 0.00	41.38 2.02 0.00	43.17 1.69 0.00	40.43 1.25 0.00	40.32 1.25 0.00	43.68 1.53 0.00	51.83 1.96 0.00	52.70 1.59 0.00	58.48 1.88 0.00	59.89 2.38 0.00	95.43 4.13 0.00	104.31 4.00 0.00	104.15 4.54 0.00	66.39 2.42 0.00	88.50 2.69 0.00	91.57 2.93 0.00	92.38 2.22 0.00	113.08 3.45 0.00	129.76 4.93 0.00	157.51 7.99 0.00	108.21 6.96 0.00	83.87 3.97 0.00	82.25 4.22 0.00	57.82 3.17 0.00
HQ_GEN_CEDARS 23644	47.24 -0.14 0.00	39.22 -0.13 0.00	41.16 -0.32 0.00	38.88 -0.29 0.00	38.90 -0.17 0.00	42.05 -0.10 0.00	50.21 0.34 0.00	51.67 0.55 0.00	57.16 0.55 0.00	57.87 0.37 0.00	91.71 0.40 0.00	100.29 -0.02 0.00	99.40 -0.20 0.00	63.38 -0.58 0.00	85.15 -0.66 0.00	88.02 -0.62 0.00	89.70 -0.47 0.00	109.17 -0.46 0.00	123.84 -0.99 0.00	148.77 -0.75 0.00	100.35 -0.91 0.00	79.84 -0.06 0.00	78.75 0.73 0.00	55.16 0.51 0.00
HQ_GEN_CEDARS_PROXY 323590	47.24 -0.14 0.00	39.23 -0.13 0.00	41.16 -0.33 0.00	38.88 -0.29 0.00	38.90 -0.17 0.00	41.35 -0.10 0.70	49.36 0.34 0.84	53.17 0.55 -1.50	57.16 0.55 0.00	57.87 0.37 0.00	91.71 0.41 0.00	100.29 -0.02 0.00	99.40 -0.20 0.00	63.38 -0.58 0.00	85.15 -0.66 0.00	88.02 -0.62 0.00	89.70 -0.46 0.00	109.17 -0.46 0.00	123.84 -0.99 0.00	148.77 -0.75 0.00	100.35 -0.91 0.00	79.84 -0.06 0.00	78.76 0.73 0.00	55.16 0.51 0.00

HQ_GEN_IMPORT 323601	46.95 -0.43 0.00	39.00 -0.35 0.00	41.01 -0.47 0.00	38.72 -0.46 0.00	38.67 -0.40 0.00	41.56 -0.42 0.17	50.34 -0.18 -0.66	51.42 -0.03 -0.33	58.69 -0.04 -2.12	57.46 -0.04 0.00	91.09 -0.22 0.00	99.87 -0.43 0.00	98.88 -0.72 0.00	62.33 -0.70 0.93	84.97 -0.84 0.00	87.85 -0.79 0.00	89.47 -0.69 0.00	108.96 -0.67 0.00	123.79 -1.04 0.00	141.27 -1.32 6.93	99.78 -1.48 0.00	79.23 -0.68 0.00	77.91 -0.12 0.00	54.44 -0.21 0.00
HQ_GEN_WHEEL 23651	46.95 -0.43 0.00	39.00 -0.35 0.00	41.01 -0.47 0.00	38.72 -0.46 0.00	38.67 -0.40 0.00	41.56 -0.42 0.17	50.34 -0.18 -0.66	51.42 -0.03 -0.33	58.69 -0.04 -2.12	57.46 -0.04 0.00	91.09 -0.22 0.00	99.87 -0.43 0.00	98.88 -0.72 0.00	62.33 -0.70 0.93	84.97 -0.84 0.00	87.85 -0.79 0.00	89.47 -0.69 0.00	108.96 -0.67 0.00	123.79 -1.04 0.00	141.27 -1.32 6.93	99.78 -1.48 0.00	79.23 -0.68 0.00	77.91 -0.12 0.00	54.44 -0.21 0.00
HUDSON AVE_GT_3 23810	50.53 2.61 -0.55	41.61 2.26 0.00	44.02 2.54 0.00	41.54 2.36 0.00	41.32 2.25 0.00	44.49 2.34 0.00	52.18 2.32 0.00	53.40 2.29 0.00	59.01 2.41 0.00	59.88 2.38 0.00	95.35 4.04 0.00	105.50 5.19 0.00	105.26 5.66 0.00	68.09 4.13 0.00	91.20 5.40 0.00	94.28 5.64 0.00	95.86 5.70 0.00	115.82 6.19 0.00	130.84 6.00 0.00	156.43 6.92 0.00	106.49 5.23 0.00	83.33 3.43 0.00	80.50 2.47 0.00	56.86 2.21 0.00
HUDSON AVE_GT_4 23540	50.53 2.61 -0.55	41.61 2.26 0.00	44.02 2.54 0.00	41.54 2.36 0.00	41.32 2.25 0.00	44.49 2.34 0.00	52.18 2.32 0.00	53.40 2.29 0.00	59.01 2.41 0.00	59.88 2.38 0.00	95.35 4.04 0.00	105.50 5.19 0.00	105.26 5.66 0.00	68.09 4.13 0.00	91.20 5.40 0.00	94.28 5.64 0.00	95.86 5.70 0.00	115.82 6.19 0.00	130.84 6.00 0.00	156.43 6.92 0.00	106.49 5.23 0.00	83.33 3.43 0.00	80.50 2.47 0.00	56.86 2.21 0.00
HUDSON AVE_GT_5 23657	50.53 2.61 -0.55	41.61 2.26 0.00	44.02 2.54 0.00	41.54 2.36 0.00	41.32 2.25 0.00	44.49 2.34 0.00	52.18 2.32 0.00	53.40 2.29 0.00	59.01 2.41 0.00	59.88 2.38 0.00	95.35 4.04 0.00	105.50 5.19 0.00	105.26 5.66 0.00	68.09 4.13 0.00	91.20 5.40 0.00	94.28 5.64 0.00	95.86 5.70 0.00	115.82 6.19 0.00	130.84 6.00 0.00	156.43 6.92 0.00	106.49 5.23 0.00	83.33 3.43 0.00	80.50 2.47 0.00	56.86 2.21 0.00
HUDSON_AVE_10 24168	50.41 2.48 -0.55	41.52 2.16 0.00	43.92 2.44 0.00	41.45 2.27 0.00	41.23 2.16 0.00	44.38 2.23 0.00	52.05 2.19 0.00	53.27 2.15 0.00	58.88 2.28 0.00	59.71 2.21 0.00	95.16 3.74 -0.12	105.59 4.82 -0.45	104.93 5.33 0.00	67.90 3.94 0.00	90.95 5.14 0.00	94.01 5.37 0.00	95.59 5.43 0.00	115.49 5.86 0.00	130.45 5.62 0.00	155.98 6.47 0.00	106.26 5.01 0.00	83.15 3.24 0.00	80.32 2.29 0.00	56.72 2.07 0.00
HUDSON___115KV_TB 4 355613	48.12 1.03 0.29	40.18 0.82 0.00	42.52 1.03 0.00	40.22 1.04 0.00	40.12 1.05 0.00	43.21 1.06 0.00	50.77 0.90 0.00	51.99 0.88 0.00	57.35 0.75 0.00	58.00 0.49 0.00	91.91 0.61 0.00	101.38 1.07 0.00	100.60 0.99 0.00	64.93 0.96 0.00	87.00 1.20 0.00	89.54 0.90 0.00	91.54 1.38 0.00	112.56 2.92 0.00	128.30 3.47 0.00	153.15 3.63 0.00	103.95 2.69 0.00	81.87 1.96 0.00	79.26 1.23 0.00	55.53 0.88 0.00
HUNTER MOUNT___DRP 323613	48.48 1.28 0.18	40.35 0.99 0.00	42.71 1.23 0.00	40.40 1.22 0.00	40.31 1.24 0.00	43.42 1.27 0.00	51.07 1.21 0.00	52.30 1.19 0.00	57.68 1.08 0.00	58.29 0.78 0.00	92.38 1.07 0.00	101.96 1.65 0.00	101.07 1.47 0.00	65.23 1.26 0.00	87.35 1.55 0.00	90.04 1.40 0.00	92.29 2.13 0.00	113.41 3.77 0.00	129.34 4.51 0.00	154.35 4.83 0.00	104.75 3.50 0.00	82.55 2.65 0.00	79.86 1.84 0.00	55.88 1.23 0.00
HUNTINGTON_RES_REC 323705	50.41 2.49 -0.55	41.68 2.32 0.00	44.05 2.57 0.00	41.49 2.31 0.00	41.20 2.13 0.00	44.30 2.15 0.00	51.36 1.50 0.00	50.21 0.85 1.76	40.13 0.67 17.14	58.36 0.86 0.00	91.36 1.64 1.59	61.98 3.39 41.72	69.06 3.47 34.01	67.27 3.34 0.03	89.62 4.01 0.20	93.10 4.63 0.16	97.82 5.02 -2.64	115.39 5.53 -0.23	125.86 4.69 3.66	150.32 5.16 4.35	105.09 3.84 0.00	74.75 1.53 6.69	41.28 0.28 37.02	54.04 0.71 1.32
HUNTLEY___63 23557	49.66 2.28 0.00	41.34 1.98 0.00	42.60 1.11 0.00	39.64 0.46 0.00	39.23 0.16 0.00	42.44 0.29 0.00	50.61 0.75 0.00	51.07 -0.04 0.00	57.46 0.86 0.00	59.03 1.52 0.00	93.71 2.41 0.00	103.08 2.77 0.00	102.62 3.02 0.00	64.99 1.03 0.00	86.86 1.06 0.00	89.51 0.87 0.00	90.55 0.39 0.00	110.89 1.26 0.00	127.01 2.18 0.00	154.72 5.20 0.00	105.31 4.05 0.00	80.99 1.09 0.00	80.03 2.00 0.00	56.59 1.94 0.00
HUNTLEY___64 23558	49.66 2.28 0.00	41.34 1.98 0.00	42.60 1.11 0.00	39.64 0.46 0.00	39.23 0.16 0.00	42.44 0.29 0.00	50.61 0.75 0.00	51.07 -0.04 0.00	57.46 0.86 0.00	59.03 1.52 0.00	93.71 2.41 0.00	103.08 2.77 0.00	102.62 3.02 0.00	64.99 1.03 0.00	86.86 1.06 0.00	89.51 0.87 0.00	90.55 0.39 0.00	110.89 1.26 0.00	127.01 2.18 0.00	154.72 5.20 0.00	105.31 4.05 0.00	80.99 1.09 0.00	80.03 2.00 0.00	56.59 1.94 0.00
HUNTLEY___65 23559	49.66 2.28 0.00	41.34 1.98 0.00	42.60 1.11 0.00	39.64 0.46 0.00	39.23 0.16 0.00	42.44 0.29 0.00	50.61 0.75 0.00	51.07 -0.04 0.00	57.46 0.86 0.00	59.03 1.52 0.00	93.71 2.41 0.00	103.08 2.77 0.00	102.62 3.02 0.00	64.99 1.03 0.00	86.86 1.06 0.00	89.51 0.87 0.00	90.55 0.39 0.00	110.89 1.26 0.00	127.01 2.18 0.00	154.72 5.20 0.00	105.31 4.05 0.00	80.99 1.09 0.00	80.03 2.00 0.00	56.59 1.94 0.00
HUNTLEY___66 23560	49.66 2.28 0.00	41.34 1.98 0.00	42.60 1.11 0.00	39.64 0.46 0.00	39.23 0.16 0.00	42.44 0.29 0.00	50.61 0.75 0.00	51.07 -0.04 0.00	57.46 0.86 0.00	59.03 1.52 0.00	93.71 2.41 0.00	103.08 2.77 0.00	102.62 3.02 0.00	64.99 1.03 0.00	86.86 1.06 0.00	89.51 0.87 0.00	90.55 0.39 0.00	110.89 1.26 0.00	127.01 2.18 0.00	154.72 5.20 0.00	105.31 4.05 0.00	80.99 1.09 0.00	80.03 2.00 0.00	56.59 1.94 0.00
HUNTLEY___67 23561	49.32 1.95 0.00	41.08 1.72 0.00	42.37 0.89 0.00	39.45 0.28 0.00	39.06 -0.01 0.00	42.24 0.09 0.00	50.33 0.47 0.00	50.91 -0.21 0.00	57.22 0.61 0.00	58.72 1.21 0.00	93.27 1.97 0.00	102.45 2.15 0.00	102.40 2.80 0.00	64.89 0.93 0.00	86.74 0.93 0.00	89.42 0.78 0.00	90.53 0.37 0.00	110.80 1.16 0.00	126.92 2.09 0.00	154.56 5.04 0.00	105.19 3.93 0.00	80.98 1.08 0.00	79.97 1.95 0.00	56.50 1.84 0.00
HUNTLEY___68 23562	49.32 1.95 0.00	41.08 1.72 0.00	42.37 0.89 0.00	39.45 0.28 0.00	39.06 -0.01 0.00	42.24 0.09 0.00	50.33 0.47 0.00	50.91 -0.21 0.00	57.22 0.61 0.00	58.72 1.21 0.00	93.27 1.97 0.00	102.45 2.15 0.00	102.40 2.80 0.00	64.89 0.93 0.00	86.74 0.93 0.00	89.42 0.78 0.00	90.53 0.37 0.00	110.80 1.16 0.00	126.92 2.09 0.00	154.56 5.04 0.00	105.19 3.93 0.00	80.98 1.08 0.00	79.97 1.95 0.00	56.50 1.84 0.00

HYLAND___LFGE 323620	52.29 4.91 0.00	43.37 4.01 0.00	45.04 3.56 0.00	42.13 2.95 0.00	41.87 2.80 0.00	45.28 3.13 0.00	53.79 3.93 0.00	53.65 2.54 0.00	59.07 2.46 0.00	60.24 2.74 0.00	95.52 4.21 0.00	103.81 3.50 0.00	101.58 1.97 0.00	62.78 -1.19 0.00	81.28 -4.53 0.00	84.75 -3.89 0.00	85.23 -4.93 0.00	106.53 -3.10 0.00	119.90 -4.94 0.00	147.73 -1.79 0.00	102.30 1.04 0.00	81.17 1.27 0.00	85.28 7.25 0.00	58.94 4.29 0.00
INDECK___CORINTH 23802	49.35 2.44 0.47	41.36 2.00 0.00	43.79 2.31 0.00	41.31 2.14 0.00	41.22 2.15 0.00	44.53 2.37 0.00	52.40 2.54 0.00	53.44 2.32 0.00	59.01 2.40 0.00	59.65 2.15 0.00	94.57 3.27 0.00	104.15 3.84 0.00	103.30 3.70 0.00	66.40 2.43 0.00	89.26 3.45 0.00	92.54 3.90 0.00	94.58 4.42 0.00	115.67 6.03 0.00	133.22 8.38 0.00	159.22 9.70 0.00	108.50 7.24 0.00	85.29 5.39 0.00	82.36 4.33 0.00	57.60 2.95 0.00
INDECK___ILION 23567	47.98 0.60 0.00	39.88 0.52 0.00	42.18 0.70 0.00	39.88 0.70 0.00	39.78 0.71 0.00	42.91 0.76 0.00	50.48 0.62 0.00	51.61 0.49 0.00	56.96 0.35 0.00	57.57 0.06 0.00	91.62 0.31 0.00	100.64 0.33 0.00	99.95 0.34 0.00	64.31 0.34 0.00	86.45 0.65 0.00	89.43 0.79 0.00	91.31 1.15 0.00	111.37 1.74 0.00	127.24 2.41 0.00	152.34 2.82 0.00	103.49 2.23 0.00	81.54 1.64 0.00	79.05 1.02 0.00	55.33 0.68 0.00
INDECK___OLEAN 23982	49.53 2.15 0.00	41.10 1.75 0.00	42.70 1.22 0.00	39.89 0.72 0.00	39.57 0.50 0.00	42.84 0.69 0.00	51.01 1.15 0.00	51.94 0.83 0.00	58.18 1.57 0.00	59.37 1.87 0.00	93.62 2.31 0.00	102.33 2.02 0.00	101.61 2.00 0.00	64.29 0.33 0.00	86.02 0.21 0.00	88.86 0.22 0.00	90.32 0.15 0.00	111.01 1.38 0.00	127.68 2.84 0.00	155.58 6.06 0.00	106.30 5.04 0.00	82.00 2.09 0.00	80.67 2.64 0.00	57.08 2.43 0.00
INDECK___OSWEGO 23783	46.43 -0.98 -0.02	38.66 -0.86 -0.16	40.72 -0.96 -0.20	38.28 -0.92 -0.03	38.14 -0.93 0.00	41.35 -0.98 -0.18	50.78 -1.15 -2.07	50.14 -1.21 -0.24	56.39 -1.26 -1.05	56.85 -1.25 -0.59	101.02 -1.84 -11.56	111.48 -2.06 -13.23	108.81 -1.75 -10.96	62.82 -1.14 0.00	84.21 -1.60 0.00	88.32 -1.83 -1.51	88.12 -2.04 0.00	107.12 -2.52 0.00	122.36 -2.47 0.00	148.13 -2.44 -1.05	102.40 -1.25 -2.40	81.10 -1.33 -2.53	82.78 -1.53 -6.29	53.97 -1.16 -0.48
INDECK___YERKES 23781	49.70 2.32 0.00	41.37 2.01 0.00	42.63 1.15 0.00	39.66 0.49 0.00	39.27 0.20 0.00	42.48 0.33 0.00	50.66 0.80 0.00	51.12 0.01 0.00	57.51 0.90 0.00	59.09 1.59 0.00	93.85 2.54 0.00	103.19 2.88 0.00	102.68 3.07 0.00	64.99 1.02 0.00	86.85 1.04 0.00	89.49 0.85 0.00	90.54 0.38 0.00	110.84 1.21 0.00	127.00 2.17 0.00	154.69 5.17 0.00	105.30 4.05 0.00	81.01 1.11 0.00	80.02 1.99 0.00	56.58 1.93 0.00
INDIAN POINT_GT_1 24139	50.03 2.12 -0.54	41.15 1.79 0.00	43.53 2.05 0.00	41.09 1.91 0.00	40.87 1.79 0.00	44.00 1.85 0.00	51.64 1.77 0.00	52.85 1.74 0.00	58.41 1.80 0.00	59.29 1.78 0.00	94.35 3.04 0.00	104.31 4.00 0.00	103.91 4.31 0.00	67.16 3.19 0.00	90.01 4.20 0.00	93.16 4.52 0.00	94.74 4.58 0.00	114.61 4.98 0.00	129.73 4.90 0.00	154.98 5.46 0.00	105.45 4.19 0.00	82.60 2.70 0.00	79.87 1.85 0.00	56.34 1.69 0.00
INDIAN POINT_GT_2 23659	50.03 2.12 -0.54	41.15 1.79 0.00	43.53 2.05 0.00	41.09 1.91 0.00	40.87 1.79 0.00	44.00 1.85 0.00	51.64 1.77 0.00	52.85 1.74 0.00	58.41 1.80 0.00	59.29 1.78 0.00	94.35 3.04 0.00	104.31 4.00 0.00	103.91 4.31 0.00	67.16 3.19 0.00	90.01 4.20 0.00	93.16 4.52 0.00	94.74 4.58 0.00	114.61 4.98 0.00	129.73 4.90 0.00	154.98 5.46 0.00	105.45 4.19 0.00	82.60 2.70 0.00	79.87 1.85 0.00	56.34 1.69 0.00
INDIAN POINT_GT_3 24019	50.03 2.12 -0.54	41.15 1.79 0.00	43.53 2.05 0.00	41.09 1.91 0.00	40.87 1.79 0.00	44.00 1.85 0.00	51.64 1.77 0.00	52.85 1.74 0.00	58.41 1.80 0.00	59.29 1.78 0.00	94.35 3.04 0.00	104.31 4.00 0.00	103.91 4.31 0.00	67.16 3.19 0.00	90.01 4.20 0.00	93.16 4.52 0.00	94.74 4.58 0.00	114.61 4.98 0.00	129.73 4.90 0.00	154.98 5.46 0.00	105.45 4.19 0.00	82.60 2.70 0.00	79.87 1.85 0.00	56.34 1.69 0.00
INDIAN POINT___2 23530	49.98 2.09 -0.52	41.11 1.75 0.00	43.48 2.00 0.00	41.05 1.87 0.00	40.82 1.75 0.00	43.95 1.80 0.00	51.57 1.70 0.00	52.80 1.68 0.00	58.35 1.75 0.00	59.23 1.72 0.00	94.24 2.93 0.00	104.18 3.87 0.00	103.74 4.14 0.00	67.04 3.08 0.00	89.87 4.06 0.00	93.01 4.37 0.00	94.60 4.44 0.00	114.44 4.80 0.00	129.53 4.69 0.00	154.73 5.21 0.00	105.31 4.05 0.00	82.50 2.59 0.00	79.81 1.78 0.00	56.29 1.64 0.00
INDIAN POINT___3 23531	49.98 2.07 -0.54	41.11 1.75 0.00	43.48 2.00 0.00	41.05 1.87 0.00	40.82 1.76 0.00	43.96 1.81 0.00	51.57 1.71 0.00	52.80 1.68 0.00	58.35 1.75 0.00	59.23 1.72 0.00	94.23 2.93 0.00	104.15 3.84 0.00	103.73 4.12 0.00	67.03 3.06 0.00	89.84 4.03 0.00	92.96 4.32 0.00	94.56 4.41 0.00	114.38 4.75 0.00	129.49 4.66 0.00	154.69 5.18 0.00	105.27 4.01 0.00	82.47 2.56 0.00	79.77 1.74 0.00	56.25 1.60 0.00
INGHAM_C_115KV_TB7 356103	48.32 0.94 0.00	40.19 0.84 0.00	42.67 1.19 0.00	40.36 1.18 0.00	40.28 1.21 0.00	43.43 1.28 0.00	50.82 0.95 0.00	51.84 0.72 0.00	56.90 0.29 0.00	57.08 -0.43 0.00	91.04 -0.27 0.00	99.97 -0.35 0.00	99.09 -0.51 0.00	63.80 -0.16 0.00	86.08 0.27 0.00	89.26 0.62 0.00	91.62 1.47 0.00	112.32 2.69 0.00	128.84 4.01 0.00	154.14 4.62 0.00	104.91 3.66 0.00	82.71 2.80 0.00	79.67 1.64 0.00	55.67 1.02 0.00
IP CORINTH___1 23988	49.64 2.73 0.47	41.59 2.24 0.00	44.00 2.52 0.00	41.52 2.34 0.00	41.43 2.36 0.00	44.75 2.60 0.00	52.69 2.82 0.00	53.74 2.63 0.00	59.35 2.74 0.00	60.00 2.49 0.00	95.12 3.82 0.00	104.75 4.43 0.00	103.87 4.27 0.00	66.78 2.81 0.00	89.76 3.95 0.00	93.05 4.41 0.00	95.10 4.95 0.00	116.31 6.68 0.00	133.96 9.12 0.00	160.10 10.58 0.00	109.11 7.85 0.00	85.76 5.85 0.00	82.83 4.80 0.00	57.93 3.28 0.00
IP___TICONDEROGA 23804	52.74 5.84 0.48	44.11 4.75 0.00	46.29 4.81 0.00	43.65 4.47 0.00	43.62 4.55 0.00	47.19 5.04 0.00	55.58 5.72 0.00	56.42 5.30 0.00	61.76 5.16 0.00	62.03 4.52 0.00	99.55 8.25 0.00	108.77 8.46 0.00	108.29 8.68 0.00	70.51 6.54 0.00	95.43 9.62 0.00	98.67 10.03 0.00	100.05 9.89 0.00	123.14 13.50 0.00	142.04 17.21 0.00	169.52 20.00 0.00	115.83 14.58 0.00	91.88 11.97 0.00	88.74 10.71 0.00	61.80 7.15 0.00
ISLIP_RES_REC 323679	50.95 3.02 -0.55	42.10 2.74 0.00	44.47 2.98 0.00	41.87 2.69 0.00	41.56 2.49 0.00	44.68 2.53 0.00	51.93 2.07 0.00	50.88 1.52 1.76	45.10 1.67 13.17	59.35 1.85 0.00	92.85 3.12 1.58	63.65 4.95 41.61	70.81 5.12 33.91	68.42 4.48 0.03	91.05 5.43 0.19	94.57 6.09 0.16	99.41 6.60 -2.65	117.45 7.59 -0.23	128.17 6.99 3.65	152.93 7.75 4.34	106.82 5.56 0.00	76.11 2.85 6.64	42.79 1.56 36.79	54.75 1.41 1.31

JAMAICA__27_KV_LOAD 355505	50.86 2.94 -0.55	41.92 2.57 0.00	44.34 2.86 0.00	41.84 2.67 0.00	41.64 2.56 0.00	44.79 2.64 0.00	52.56 2.69 0.00	53.79 2.67 0.00	59.47 2.86 0.00	60.24 2.74 0.00	95.99 4.53 -0.15	106.48 5.60 -0.56	105.93 6.32 0.00	68.55 4.59 0.00	91.84 6.03 0.00	94.97 6.33 0.00	96.57 6.41 0.00	116.73 7.10 0.00	131.91 7.07 0.00	157.36 7.84 0.00	107.29 6.03 0.00	83.93 4.03 0.00	81.09 3.06 0.00	57.23 2.58 0.00
JANIS__SOLAR 323808	49.99 2.62 0.00	41.56 2.20 0.00	43.69 2.21 0.00	41.14 1.96 0.00	40.98 1.91 0.00	44.44 2.29 0.00	52.70 2.83 0.00	54.04 2.93 0.00	59.80 3.20 0.00	60.55 3.04 0.00	95.89 4.59 0.00	104.91 4.60 0.00	104.71 5.11 0.00	67.75 3.78 0.00	91.95 6.14 0.00	93.90 5.26 0.00	94.89 4.73 0.00	116.42 6.78 0.00	134.44 9.60 0.00	161.67 12.15 0.00	110.72 9.47 0.00	86.56 6.65 0.00	83.98 5.95 0.00	58.51 3.86 0.00
JARVIS____ 23743	47.59 0.20 0.00	39.53 0.17 0.00	41.72 0.24 0.00	39.43 0.26 0.00	39.31 0.24 0.00	42.40 0.25 0.00	50.06 0.20 0.00	51.27 0.15 0.00	56.76 0.15 0.00	57.62 0.12 0.00	91.56 0.26 0.00	100.62 0.31 0.00	99.99 0.39 0.00	64.28 0.32 0.00	86.24 0.43 0.00	89.08 0.44 0.00	90.61 0.45 0.00	110.10 0.46 0.00	125.46 0.63 0.00	150.26 0.74 0.00	101.95 0.69 0.00	80.32 0.41 0.00	78.26 0.23 0.00	54.86 0.21 0.00
JENNISON____1 23625	49.80 2.42 0.00	41.56 2.20 0.00	43.73 2.25 0.00	41.01 1.84 0.00	40.87 1.80 0.00	44.50 2.34 0.00	52.43 2.57 0.00	53.84 2.73 0.00	59.87 3.26 0.00	60.95 3.45 0.00	96.92 5.62 0.00	106.34 6.04 0.00	105.73 6.13 0.00	68.33 4.37 0.00	92.07 6.26 0.00	94.95 6.31 0.00	95.61 5.45 0.00	117.47 7.83 0.00	134.71 9.88 0.00	161.55 12.04 0.00	110.04 8.78 0.00	85.93 6.02 0.00	83.31 5.28 0.00	58.15 3.51 0.00
JENNISON____2 23626	49.80 2.42 0.00	41.56 2.20 0.00	43.73 2.25 0.00	41.01 1.84 0.00	40.87 1.80 0.00	44.50 2.34 0.00	52.43 2.57 0.00	53.84 2.73 0.00	59.87 3.26 0.00	60.95 3.45 0.00	96.92 5.62 0.00	106.34 6.04 0.00	105.73 6.13 0.00	68.33 4.37 0.00	92.07 6.26 0.00	94.95 6.31 0.00	95.61 5.45 0.00	117.47 7.83 0.00	134.71 9.88 0.00	161.55 12.04 0.00	110.04 8.78 0.00	85.93 6.02 0.00	83.31 5.28 0.00	58.15 3.51 0.00
JERICOHO_RISE_WT_PWR 323719	46.38 -1.00 0.00	38.45 -0.91 0.00	40.46 -1.02 0.00	38.19 -0.98 0.00	38.21 -0.86 0.00	41.34 -0.81 0.00	49.43 -0.43 0.00	50.76 -0.36 0.00	56.23 -0.38 0.00	56.94 -0.56 0.00	90.08 -1.22 0.00	98.73 -1.58 0.00	98.02 -1.58 0.00	62.69 -1.27 0.00	84.36 -1.45 0.00	87.43 -1.21 0.00	89.38 -0.78 0.00	109.10 -0.53 0.00	123.88 -0.95 0.00	148.40 -1.12 0.00	100.10 -1.15 0.00	79.50 -0.40 0.00	77.88 -0.14 0.00	54.31 -0.34 0.00
KATONAH__115KV_46KV_TB4 355592	50.29 2.36 -0.55	41.38 2.02 0.00	43.75 2.27 0.00	41.29 2.11 0.00	41.08 2.01 0.00	44.26 2.11 0.00	51.95 2.09 0.00	53.20 2.08 0.00	58.82 2.21 0.00	59.73 2.22 0.00	95.11 3.80 0.00	105.15 4.85 0.00	104.86 5.26 0.00	67.79 3.83 0.00	90.91 5.10 0.00	94.02 5.38 0.00	95.54 5.38 0.00	115.60 5.96 0.00	130.88 6.04 0.00	156.34 6.82 0.00	106.22 4.96 0.00	83.08 3.18 0.00	80.32 2.29 0.00	56.57 1.92 0.00
KCE_NY_1 323755	49.40 2.51 0.49	41.40 2.04 0.00	43.76 2.28 0.00	41.32 2.14 0.00	41.22 2.15 0.00	44.51 2.35 0.00	52.45 2.59 0.00	53.59 2.47 0.00	59.17 2.56 0.00	59.93 2.42 0.00	95.36 4.06 0.00	104.89 4.58 0.00	104.15 4.54 0.00	66.86 2.90 0.00	89.88 4.07 0.00	93.02 4.38 0.00	95.00 4.84 0.00	115.69 6.06 0.00	132.51 7.67 0.00	158.71 9.19 0.00	107.93 6.67 0.00	84.76 4.86 0.00	82.04 4.01 0.00	57.49 2.84 0.00
KCE_NY_6_ESR 323823	49.96 2.58 0.00	41.58 2.22 0.00	42.89 1.41 0.00	39.95 0.77 0.00	39.54 0.47 0.00	42.81 0.66 0.00	51.02 1.15 0.00	51.66 0.54 0.00	58.06 1.46 0.00	59.57 2.07 0.00	94.74 3.43 0.00	104.05 3.74 0.00	103.98 4.38 0.00	65.95 1.99 0.00	88.12 2.32 0.00	90.86 2.22 0.00	92.11 1.95 0.00	112.81 3.18 0.00	129.35 4.52 0.00	157.35 7.83 0.00	107.17 5.91 0.00	82.49 2.59 0.00	81.27 3.25 0.00	57.32 2.68 0.00
KEDC_PORT_JEFF_GT2 24210	50.55 2.63 -0.55	41.78 2.43 0.00	44.15 2.67 0.00	41.58 2.40 0.00	41.27 2.20 0.00	44.35 2.20 0.00	51.50 1.63 0.00	50.36 1.02 1.77	44.10 1.03 13.54	58.68 1.17 0.00	91.52 1.81 1.60	61.68 3.35 41.98	68.90 3.52 34.22	67.34 3.40 0.03	89.33 3.72 0.20	92.83 4.36 0.17	97.61 4.81 -2.64	115.25 5.38 -0.23	125.58 4.43 3.68	149.89 4.76 4.38	104.83 3.58 0.00	74.78 1.62 6.75	41.36 0.64 37.32	54.19 0.86 1.32
KEDC_PORT_JEFF_GT3 24211	50.55 2.63 -0.55	41.78 2.43 0.00	44.15 2.67 0.00	41.58 2.40 0.00	41.27 2.20 0.00	44.35 2.20 0.00	51.50 1.63 0.00	50.36 1.02 1.77	44.10 1.03 13.54	58.68 1.17 0.00	91.52 1.81 1.60	61.68 3.35 41.98	68.90 3.52 34.22	67.34 3.40 0.03	89.33 3.72 0.20	92.83 4.36 0.17	97.61 4.81 -2.64	115.25 5.38 -0.23	125.58 4.43 3.68	149.89 4.76 4.38	104.83 3.58 0.00	74.78 1.62 6.75	41.36 0.64 37.32	54.19 0.86 1.32
KEDC_GLWD_GT4 24219	50.73 2.81 -0.55	41.79 2.44 0.00	44.17 2.69 0.00	41.65 2.47 0.00	41.41 2.33 0.00	44.57 2.42 0.00	52.13 2.26 0.00	52.56 2.03 0.59	54.74 1.72 3.58	59.30 1.80 0.00	94.17 3.29 0.43	91.92 4.64 13.03	92.96 5.02 11.66	67.95 3.95 -0.03	91.15 5.13 -0.21	94.37 5.55 -0.18	98.71 5.72 -2.84	116.14 6.28 -0.23	129.42 5.87 1.28	154.94 6.69 1.27	106.24 4.98 0.00	82.44 3.01 0.47	75.35 1.99 4.66	56.14 1.93 0.44
KEDC_GLWD_GT5 24220	50.73 2.81 -0.55	41.79 2.44 0.00	44.17 2.69 0.00	41.65 2.47 0.00	41.41 2.33 0.00	44.57 2.42 0.00	52.13 2.26 0.00	52.56 2.03 0.59	54.74 1.72 3.58	59.30 1.80 0.00	94.17 3.29 0.43	91.92 4.64 13.03	92.96 5.02 11.66	67.95 3.95 -0.03	91.15 5.13 -0.21	94.37 5.55 -0.18	98.71 5.72 -2.84	116.14 6.28 -0.23	129.42 5.87 1.28	154.94 6.69 1.27	106.24 4.98 0.00	82.44 3.01 0.47	75.35 1.99 4.66	56.14 1.93 0.44
KENSICO____ 23655	50.17 2.25 -0.54	41.28 1.92 0.00	43.67 2.19 0.00	41.22 2.04 0.00	41.01 1.94 0.00	44.15 2.00 0.00	51.81 1.94 0.00	53.01 1.90 0.00	58.57 1.97 0.00	59.45 1.95 0.00	94.65 3.35 0.00	104.64 4.33 0.00	104.30 4.70 0.00	67.42 3.45 0.00	90.34 4.53 0.00	93.44 4.80 0.00	95.05 4.89 0.00	114.97 5.33 0.00	130.09 5.26 0.00	155.42 5.90 0.00	105.75 4.49 0.00	82.82 2.92 0.00	80.08 2.05 0.00	56.48 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.24 2.53 -0.33	41.42 2.07 0.00	43.74 2.26 0.00	41.30 2.12 0.00	41.07 1.99 0.00	44.24 2.09 0.00	51.99 2.13 0.00	53.27 2.15 0.00	59.03 2.42 0.00	59.82 2.31 0.00	95.29 3.98 0.00	105.56 5.25 0.00	104.34 4.74 0.00	67.35 3.38 0.00	90.40 4.59 0.00	93.90 5.26 0.00	96.27 6.11 0.00	116.62 6.98 0.00	131.79 6.96 0.00	157.33 7.81 0.00	106.85 5.60 0.00	83.88 3.98 0.00	81.10 3.07 0.00	56.97 2.32 0.00

KLAC_JFK_GT1 23816	50.33 2.40 -0.55	41.48 2.13 0.00	43.88 2.40 0.00	41.42 2.24 0.00	41.22 2.15 0.00	44.33 2.18 0.00	52.01 2.15 0.00	53.23 2.11 0.00	58.84 2.23 0.00	59.61 2.11 0.00	94.94 3.48 -0.15	105.35 4.47 -0.56	104.74 5.14 0.00	67.80 3.83 0.00	90.83 5.02 0.00	93.90 5.26 0.00	95.49 5.33 0.00	115.40 5.76 0.00	130.33 5.50 0.00	155.47 5.95 0.00	106.02 4.76 0.00	82.94 3.04 0.00	80.15 2.12 0.00	56.59 1.94 0.00
KIAC_JFK_GT2 23817	50.33 2.40 -0.55	41.48 2.13 0.00	43.88 2.40 0.00	41.42 2.24 0.00	41.22 2.15 0.00	44.33 2.18 0.00	52.01 2.15 0.00	53.23 2.11 0.00	58.84 2.23 0.00	59.61 2.11 0.00	94.94 3.48 -0.15	105.35 4.47 -0.56	104.74 5.14 0.00	67.80 3.83 0.00	90.83 5.02 0.00	93.90 5.26 0.00	95.49 5.33 0.00	115.40 5.76 0.00	130.33 5.50 0.00	155.47 5.95 0.00	106.02 4.76 0.00	82.94 3.04 0.00	80.15 2.12 0.00	56.59 1.94 0.00
KIAC_JFK____ 323774	50.33 2.40 -0.55	41.48 2.12 0.00	43.88 2.40 0.00	41.42 2.24 0.00	41.22 2.15 0.00	44.33 2.18 0.00	52.01 2.14 0.00	53.23 2.11 0.00	58.84 2.23 0.00	59.61 2.11 0.00	94.94 3.48 -0.15	105.34 4.47 -0.56	104.74 5.13 0.00	67.80 3.83 0.00	90.82 5.02 0.00	93.89 5.26 0.00	95.49 5.33 0.00	115.39 5.76 0.00	130.33 5.50 0.00	155.47 5.95 0.00	106.02 4.76 0.00	82.93 3.03 0.00	80.15 2.12 0.00	56.58 1.93 0.00
KINTIGH_24_KV_GSU 356498	49.03 1.65 0.00	40.79 1.43 0.00	42.20 0.72 0.00	39.38 0.21 0.00	39.04 -0.03 0.00	42.19 0.04 0.00	50.24 0.37 0.00	50.92 -0.19 0.00	57.13 0.52 0.00	58.51 1.01 0.00	92.94 1.64 0.00	102.05 1.74 0.00	101.92 2.32 0.00	64.69 0.72 0.00	86.52 0.72 0.00	89.20 0.56 0.00	89.64 -0.52 0.00	109.53 -0.11 0.00	125.46 0.63 0.00	152.46 2.95 0.00	104.09 2.83 0.00	80.83 0.93 0.00	79.63 1.60 0.00	56.18 1.53 0.00
KINTIGH____ 23543	48.98 1.60 0.00	40.75 1.39 0.00	42.16 0.68 0.00	39.35 0.17 0.00	39.00 -0.07 0.00	42.15 0.00 0.00	50.18 0.32 0.00	50.87 -0.24 0.00	57.09 0.48 0.00	58.46 0.96 0.00	92.83 1.52 0.00	101.90 1.59 0.00	101.79 2.19 0.00	64.64 0.67 0.00	86.45 0.64 0.00	89.15 0.51 0.00	89.71 -0.45 0.00	109.64 0.01 0.00	125.59 0.76 0.00	152.61 3.09 0.00	104.08 2.83 0.00	80.74 0.84 0.00	79.57 1.55 0.00	56.13 1.48 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.74 -0.64 0.00	38.74 -0.62 0.00	40.77 -0.71 0.00	38.48 -0.70 0.00	38.46 -0.61 0.00	41.62 -0.53 0.00	49.76 -0.11 0.00	50.96 -0.15 0.00	56.45 -0.15 0.00	57.24 -0.26 0.00	90.36 -0.94 0.00	99.01 -1.30 0.00	98.62 -0.98 0.00	63.34 -0.62 0.00	85.12 -0.69 0.00	88.35 -0.29 0.00	90.40 0.24 0.00	110.43 0.80 0.00	125.75 0.91 0.00	150.46 0.95 0.00	101.90 0.65 0.00	80.97 1.07 0.00	78.79 0.77 0.00	54.96 0.31 0.00
LACHUTE__HYDRO 323717	52.74 5.84 0.48	44.11 4.75 0.00	46.29 4.81 0.00	43.65 4.47 0.00	43.62 4.55 0.00	47.19 5.04 0.00	55.58 5.71 0.00	56.42 5.30 0.00	61.76 5.16 0.00	62.03 4.52 0.00	99.55 8.24 0.00	108.77 8.46 0.00	108.29 8.68 0.00	70.51 6.54 0.00	95.43 9.62 0.00	98.67 10.03 0.00	100.05 9.88 0.00	123.13 13.50 0.00	142.04 17.21 0.00	169.52 20.00 0.00	115.83 14.57 0.00	91.87 11.97 0.00	88.74 10.71 0.00	61.80 7.15 0.00
LAWRNCV_115KV_TB1 80681	47.45 0.07 0.00	39.32 -0.04 0.00	41.24 -0.24 0.00	38.99 -0.18 0.00	39.04 -0.03 0.00	42.25 0.10 0.00	50.45 0.59 0.00	51.92 0.81 0.00	57.38 0.77 0.00	58.11 0.60 0.00	92.12 0.81 0.00	100.59 0.28 0.00	99.55 -0.05 0.00	63.40 -0.56 0.00	85.04 -0.76 0.00	87.63 -1.01 0.00	89.15 -1.01 0.00	108.51 -1.13 0.00	123.22 -1.61 0.00	148.48 -1.04 0.00	100.40 -0.85 0.00	80.01 0.11 0.00	79.26 1.23 0.00	55.54 0.90 0.00
LEDERLE____ 23769	50.36 2.48 -0.51	41.40 2.04 0.00	43.78 2.30 0.00	41.32 2.14 0.00	41.08 2.01 0.00	44.22 2.07 0.00	51.92 2.06 0.00	53.23 2.11 0.00	58.90 2.29 0.00	59.78 2.28 0.00	95.18 3.88 0.00	105.21 4.90 0.00	104.80 5.19 0.00	67.68 3.71 0.00	90.78 4.98 0.00	94.04 5.40 0.00	95.58 5.42 0.00	115.53 5.90 0.00	130.78 5.94 0.00	156.12 6.60 0.00	106.25 5.00 0.00	83.23 3.33 0.00	80.48 2.45 0.00	56.73 2.08 0.00
LIGHTHSE_115KV_TB6 355974	47.95 0.56 -0.01	39.69 0.26 -0.08	41.69 0.11 -0.10	39.36 0.17 -0.01	39.32 0.25 0.00	42.65 0.41 -0.09	51.54 0.67 -1.01	51.92 0.69 -0.12	58.03 0.91 -0.51	58.75 0.96 -0.29	98.70 1.71 -5.68	108.50 1.70 -6.50	106.94 1.95 -5.38	64.85 0.88 0.00	86.82 1.01 0.00	90.03 0.65 -0.74	90.61 0.45 0.00	110.05 0.42 0.00	126.09 1.26 0.00	152.92 2.89 -0.52	105.10 2.67 -1.17	83.02 1.88 -1.24	82.76 1.65 -3.08	55.72 0.84 -0.23
LINDEN COGEN____ 23786	50.13 2.20 -0.55	41.29 1.93 0.00	43.68 2.21 0.00	41.22 2.05 0.00	41.00 1.93 0.00	44.13 1.98 0.00	51.61 1.85 0.11	52.47 1.82 0.46	53.34 1.85 5.11	54.86 1.77 4.41	87.86 3.05 6.49	98.07 4.11 6.36	96.26 4.52 7.87	67.37 3.43 0.03	71.67 4.44 18.57	93.26 4.63 0.00	94.82 4.66 0.00	114.54 4.91 0.00	129.39 4.59 0.04	151.10 5.18 3.59	105.36 4.11 0.01	82.50 2.61 0.01	79.67 1.65 0.02	56.35 1.70 0.00
LINDHRST_69_KV_BK1 356055	51.16 3.24 -0.55	42.24 2.88 0.00	44.62 3.14 0.00	42.01 2.84 0.00	41.72 2.65 0.00	44.88 2.73 0.00	52.23 2.37 0.00	51.45 1.86 1.53	48.01 1.87 10.47	59.45 1.94 0.00	93.15 3.20 1.36	69.18 5.05 36.18	74.17 5.10 30.54	68.26 4.31 0.02	90.97 5.31 0.15	94.53 6.02 0.13	99.17 6.35 -2.66	117.17 7.30 -0.23	128.17 6.63 3.29	153.45 7.71 3.78	106.94 5.68 0.00	77.82 3.07 5.15	50.56 1.79 29.25	55.16 1.66 1.14
LIPA_MISC_IPP 23656	50.27 2.35 -0.55	41.57 2.21 0.00	43.92 2.44 0.00	41.36 2.18 0.00	41.06 1.99 0.00	44.14 1.99 0.00	51.28 1.42 0.00	50.12 0.78 1.78	44.49 0.85 12.96	58.44 0.94 0.00	91.33 1.64 1.61	61.50 3.35 42.15	68.67 3.43 34.37	67.23 3.29 0.03	89.44 3.84 0.21	92.97 4.50 0.17	97.80 5.01 -2.64	115.60 5.74 -0.23	125.93 4.80 3.70	150.31 5.20 4.40	105.08 3.83 0.00	74.64 1.53 6.79	40.86 0.38 37.55	53.90 0.58 1.33
LISF__SOLAR 323691	50.38 2.45 -0.55	41.66 2.30 0.00	44.01 2.53 0.00	41.44 2.26 0.00	41.14 2.07 0.00	44.22 2.07 0.00	51.39 1.52 0.00	50.24 0.90 1.78	44.56 0.99 13.03	58.60 1.09 0.00	91.54 1.84 1.60	61.71 3.48 42.09	68.90 3.61 34.31	67.37 3.43 0.03	89.66 4.06 0.21	93.20 4.73 0.17	98.09 5.30 -2.64	115.95 6.09 -0.23	126.42 5.28 3.69	150.90 5.78 4.40	105.45 4.20 0.00	74.89 1.77 6.77	41.16 0.59 37.46	54.06 0.74 1.33
LITTLE FALLS__HYD 24013	48.32 0.94 0.00	40.19 0.84 0.00	42.67 1.19 0.00	40.36 1.18 0.00	40.28 1.21 0.00	43.43 1.28 0.00	50.82 0.95 0.00	51.84 0.72 0.00	56.90 0.29 0.00	57.08 -0.43 0.00	91.04 -0.27 0.00	99.97 -0.35 0.00	99.09 -0.51 0.00	63.80 -0.16 0.00	86.08 0.27 0.00	89.26 0.62 0.00	91.62 1.47 0.00	112.32 2.69 0.00	128.84 4.01 0.00	154.14 4.62 0.00	104.91 3.66 0.00	82.71 2.80 0.00	79.67 1.64 0.00	55.67 1.02 0.00

LITTLRIV_115KV_TB1 356100	48.29 0.91 0.00	39.99 0.64 0.00	41.92 0.44 0.00	39.62 0.45 0.00	39.67 0.61 0.00	42.97 0.82 0.00	51.40 1.54 0.00	52.85 1.74 0.00	58.17 1.56 0.00	58.99 1.48 0.00	93.58 2.28 0.00	101.80 1.49 0.00	100.24 0.63 0.00	63.78 -0.18 0.00	85.56 -0.25 0.00	88.26 -0.38 0.00	89.94 -0.22 0.00	109.38 -0.25 0.00	124.38 -0.45 0.00	150.55 1.03 0.00	102.31 1.06 0.00	81.59 1.69 0.00	80.83 2.81 0.00	56.53 1.88 0.00
LI_NEWBRDGE___DRP 323616	50.35 2.43 -0.55	41.54 2.18 0.00	43.90 2.42 0.00	41.38 2.21 0.00	41.12 2.05 0.00	44.23 2.08 0.00	51.49 1.63 0.00	50.37 1.17 1.92	45.40 1.01 12.22	58.59 1.09 0.00	91.57 2.03 1.77	58.21 3.54 45.64	66.49 3.71 36.82	67.19 3.26 0.04	89.58 4.06 0.29	92.89 4.49 0.24	97.40 4.64 -2.60	114.89 5.03 -0.23	125.13 4.25 3.96	149.65 4.91 4.78	105.18 3.92 0.00	73.95 1.82 7.76	36.21 0.58 42.39	54.11 0.89 1.43
LOCKPORT_115KV_TB60_63_64 80432	49.05 1.67 0.00	40.82 1.46 0.00	42.06 0.58 0.00	39.14 -0.04 0.00	38.75 -0.32 0.00	41.90 -0.25 0.00	49.97 0.10 0.00	50.48 -0.64 0.00	56.75 0.14 0.00	58.20 0.69 0.00	92.39 1.09 0.00	101.51 1.21 0.00	101.35 1.75 0.00	64.18 0.22 0.00	85.70 -0.11 0.00	88.27 -0.37 0.00	89.38 -0.78 0.00	109.38 -0.25 0.00	125.37 0.53 0.00	152.80 3.28 0.00	104.12 2.87 0.00	80.22 0.31 0.00	79.40 1.37 0.00	56.25 1.60 0.00
LOCKPORT___CC1 323769	48.86 1.48 0.00	40.67 1.31 0.00	41.92 0.44 0.00	39.00 -0.18 0.00	38.61 -0.46 0.00	41.76 -0.39 0.00	49.80 -0.06 0.00	50.28 -0.83 0.00	56.53 -0.08 0.00	57.99 0.49 0.00	92.12 0.82 0.00	101.25 0.94 0.00	101.04 1.44 0.00	63.94 -0.03 0.00	85.36 -0.45 0.00	87.97 -0.67 0.00	89.01 -1.15 0.00	108.94 -0.69 0.00	124.82 -0.02 0.00	152.15 2.63 0.00	103.71 2.46 0.00	79.92 0.01 0.00	79.10 1.07 0.00	56.01 1.36 0.00
LOCKPORT___CC2 323770	48.86 1.48 0.00	40.67 1.31 0.00	41.92 0.44 0.00	39.00 -0.18 0.00	38.61 -0.46 0.00	41.76 -0.39 0.00	49.80 -0.06 0.00	50.28 -0.83 0.00	56.53 -0.08 0.00	57.99 0.49 0.00	92.12 0.82 0.00	101.25 0.94 0.00	101.04 1.44 0.00	63.94 -0.03 0.00	85.36 -0.45 0.00	87.97 -0.67 0.00	89.01 -1.15 0.00	108.94 -0.69 0.00	124.82 -0.02 0.00	152.15 2.63 0.00	103.71 2.46 0.00	79.92 0.01 0.00	79.10 1.07 0.00	56.01 1.36 0.00
LOCKPORT___CC3 323771	48.86 1.48 0.00	40.67 1.31 0.00	41.92 0.44 0.00	39.00 -0.18 0.00	38.61 -0.46 0.00	41.76 -0.39 0.00	49.80 -0.06 0.00	50.28 -0.83 0.00	56.53 -0.08 0.00	57.99 0.49 0.00	92.12 0.82 0.00	101.25 0.94 0.00	101.04 1.44 0.00	63.94 -0.03 0.00	85.36 -0.45 0.00	87.97 -0.67 0.00	89.01 -1.15 0.00	108.94 -0.69 0.00	124.82 -0.02 0.00	152.15 2.63 0.00	103.71 2.46 0.00	79.92 0.01 0.00	79.10 1.07 0.00	56.01 1.36 0.00
LOCUSVLY_69_KV_BK2 55797	50.91 2.99 -0.55	41.92 2.57 0.00	44.25 2.77 0.00	41.72 2.54 0.00	41.48 2.41 0.00	44.62 2.47 0.00	52.05 2.19 0.00	52.17 1.95 0.90	52.84 1.84 5.60	59.46 1.96 0.00	94.08 3.55 0.77	84.81 5.30 20.80	87.40 5.53 17.74	68.36 4.38 -0.01	91.53 5.62 -0.10	94.90 6.17 -0.09	99.32 6.37 -2.78	116.88 7.02 -0.23	129.42 6.51 1.93	154.90 7.47 2.09	106.72 5.46 0.00	80.99 3.13 2.04	67.11 2.00 12.92	55.86 1.89 0.67
LONG_LAKE_PHOENIX 24014	47.03 -0.37 -0.02	39.15 -0.33 -0.12	41.21 -0.42 -0.15	38.76 -0.44 -0.02	38.60 -0.47 0.00	41.80 -0.48 -0.13	50.87 -0.56 -1.56	50.71 -0.59 -0.18	56.84 -0.55 -0.79	57.44 -0.51 -0.45	99.40 -0.64 -8.74	109.61 -0.71 -10.00	107.54 -0.35 -8.29	63.79 -0.17 0.00	85.51 -0.30 0.00	89.32 -0.45 -1.14	89.47 -0.68 0.00	108.84 -0.79 0.00	124.35 -0.48 0.00	150.25 -0.06 -0.80	103.37 0.30 -1.81	81.55 -0.26 -1.91	82.27 -0.50 -4.75	54.56 -0.44 -0.36
LOVETT___3 23632	49.93 2.04 -0.51	41.07 1.72 0.00	43.45 1.96 0.00	41.01 1.83 0.00	40.78 1.71 0.00	43.90 1.75 0.00	51.52 1.65 0.00	52.75 1.63 0.00	58.31 1.71 0.00	59.17 1.67 0.00	94.11 2.80 0.00	104.01 3.70 0.00	103.57 3.97 0.00	66.90 2.93 0.00	89.70 3.89 0.00	92.82 4.18 0.00	94.40 4.24 0.00	114.18 4.55 0.00	129.27 4.44 0.00	154.40 4.88 0.00	105.09 3.84 0.00	82.33 2.43 0.00	79.64 1.62 0.00	56.17 1.53 0.00
LOVETT___4 23642	49.93 2.04 -0.51	41.07 1.72 0.00	43.45 1.96 0.00	41.01 1.83 0.00	40.78 1.71 0.00	43.90 1.75 0.00	51.52 1.65 0.00	52.75 1.63 0.00	58.31 1.71 0.00	59.17 1.67 0.00	94.11 2.80 0.00	104.01 3.70 0.00	103.57 3.97 0.00	66.90 2.93 0.00	89.70 3.89 0.00	92.82 4.18 0.00	94.40 4.24 0.00	114.18 4.55 0.00	129.27 4.44 0.00	154.40 4.88 0.00	105.09 3.84 0.00	82.33 2.43 0.00	79.64 1.62 0.00	56.17 1.53 0.00
LOVETT___5 23593	49.93 2.04 -0.51	41.07 1.72 0.00	43.45 1.96 0.00	41.01 1.83 0.00	40.78 1.71 0.00	43.90 1.75 0.00	51.52 1.65 0.00	52.75 1.63 0.00	58.31 1.71 0.00	59.17 1.67 0.00	94.11 2.80 0.00	104.01 3.70 0.00	103.57 3.97 0.00	66.90 2.93 0.00	89.70 3.89 0.00	92.82 4.18 0.00	94.40 4.24 0.00	114.18 4.55 0.00	129.27 4.44 0.00	154.40 4.88 0.00	105.09 3.84 0.00	82.33 2.43 0.00	79.64 1.62 0.00	56.17 1.53 0.00
LOWER RAQUET___HYD 24057	47.52 0.14 0.00	39.35 -0.01 0.00	41.27 -0.21 0.00	39.03 -0.15 0.00	39.08 0.01 0.00	42.32 0.16 0.00	50.54 0.68 0.00	52.01 0.89 0.00	57.45 0.85 0.00	58.20 0.69 0.00	92.24 0.94 0.00	100.69 0.38 0.00	99.60 0.00 0.00	63.41 -0.55 0.00	85.02 -0.78 0.00	87.51 -1.13 0.00	89.00 -1.16 0.00	108.32 -1.32 0.00	123.02 -1.81 0.00	148.42 -1.10 0.00	100.43 -0.83 0.00	80.07 0.17 0.00	79.42 1.40 0.00	55.68 1.03 0.00
LOWER___HUDSON 24059	48.14 1.40 0.64	40.54 1.18 0.00	42.90 1.41 0.00	40.49 1.32 0.00	40.41 1.34 0.00	43.58 1.43 0.00	51.28 1.42 0.00	52.34 1.22 0.00	57.82 1.21 0.00	58.61 1.10 0.00	93.21 1.90 0.00	102.54 2.23 0.00	102.02 2.41 0.00	65.57 1.60 0.00	87.93 2.13 0.00	90.76 2.12 0.00	92.48 2.32 0.00	112.68 3.05 0.00	128.93 4.10 0.00	154.05 4.53 0.00	104.70 3.44 0.00	82.43 2.53 0.00	79.90 1.88 0.00	56.12 1.47 0.00
LOWVILLE_115KV_TB2 356335	49.12 1.74 0.00	40.28 0.90 -0.02	42.22 0.72 -0.02	40.27 1.09 0.00	40.42 1.35 0.00	43.95 1.77 -0.02	52.64 2.52 -0.26	53.76 2.61 -0.03	59.85 3.12 -0.13	60.74 3.16 -0.07	97.86 5.12 -1.44	106.97 5.02 -1.64	105.92 4.96 -1.36	66.75 2.79 0.00	89.05 3.24 0.00	91.96 3.13 -0.19	93.57 3.41 0.00	113.70 4.07 0.00	130.24 5.41 0.00	157.90 8.25 -0.13	108.01 6.46 -0.30	85.50 5.28 -0.32	83.77 4.96 -0.78	57.78 3.07 -0.06
LUTHERFT_115KV_GLOB_FND_222 355753	49.35 2.47 0.49	41.40 2.04 0.00	43.75 2.27 0.00	41.31 2.14 0.00	41.21 2.14 0.00	44.49 2.34 0.00	52.41 2.54 0.00	53.50 2.38 0.00	59.11 2.50 0.00	59.81 2.30 0.00	95.17 3.86 0.00	104.75 4.44 0.00	103.97 4.37 0.00	66.79 2.82 0.00	89.73 3.93 0.00	92.84 4.20 0.00	94.79 4.63 0.00	115.60 5.97 0.00	132.39 7.56 0.00	158.44 8.92 0.00	107.76 6.51 0.00	84.69 4.79 0.00	81.98 3.95 0.00	57.45 2.80 0.00

LUTHERNY_35_KV_BK2 355980	49.40 2.51 0.49	41.40 2.04 0.00	43.76 2.28 0.00	41.32 2.14 0.00	41.23 2.16 0.00	44.51 2.36 0.00	52.45 2.59 0.00	53.59 2.47 0.00	59.17 2.56 0.00	59.93 2.43 0.00	95.36 4.06 0.00	104.90 4.59 0.00	104.15 4.55 0.00	66.86 2.90 0.00	89.88 4.07 0.00	93.02 4.38 0.00	94.99 4.83 0.00	115.69 6.06 0.00	132.50 7.67 0.00	158.71 9.19 0.00	107.93 6.67 0.00	84.76 4.86 0.00	82.05 4.02 0.00	57.49 2.84 0.00
LWR___OSWEGATCHIE_HYD 23850	48.29 0.90 0.00	39.78 0.40 -0.02	41.71 0.20 -0.02	39.59 0.41 0.00	39.68 0.61 0.00	43.10 0.92 -0.02	51.64 1.54 -0.24	52.83 1.69 -0.03	58.62 1.89 -0.12	59.38 1.81 -0.07	95.55 2.93 -1.31	104.39 2.58 -1.51	103.23 2.38 -1.25	64.88 0.91 0.00	86.75 0.94 0.00	89.42 0.61 -0.17	90.84 0.68 0.00	110.49 0.86 0.00	126.16 1.33 0.00	152.84 3.20 -0.12	104.24 2.71 -0.27	82.84 2.65 -0.29	81.81 3.06 -0.72	56.65 1.94 -0.05
LYONS_FALL_HYD 23570	49.03 1.66 0.00	40.38 1.01 -0.01	42.41 0.91 -0.02	40.29 1.11 0.00	40.35 1.28 0.00	43.76 1.60 -0.01	52.19 2.17 -0.16	53.39 2.25 -0.02	59.36 2.67 -0.08	60.28 2.73 -0.05	96.61 4.40 -0.90	105.82 4.47 -1.04	104.90 4.44 -0.86	66.67 2.70 0.00	89.10 3.29 0.00	91.98 3.23 -0.12	93.62 3.46 0.00	113.71 4.08 0.00	130.15 5.31 0.00	157.26 7.66 -0.08	107.32 5.87 -0.19	84.73 4.63 -0.20	82.77 4.24 -0.50	57.33 2.65 -0.04
MADISON___COUNTY_LFGE 323628	49.13 1.75 0.00	40.73 1.37 0.00	42.87 1.39 0.00	40.51 1.33 0.00	40.42 1.34 0.00	43.71 1.56 0.00	51.79 1.93 0.00	53.08 1.97 0.00	58.87 2.26 0.00	59.85 2.35 0.00	95.08 3.77 0.00	104.46 4.14 0.00	103.82 4.22 0.00	66.92 2.96 0.00	89.65 3.85 0.00	92.43 3.79 0.00	94.23 4.08 0.00	114.26 4.62 0.00	130.60 5.77 0.00	157.20 7.68 0.00	107.14 5.89 0.00	84.17 4.27 0.00	81.77 3.74 0.00	57.04 2.40 0.00
MALONE___115KV_TB1 356076	47.31 -0.07 0.00	39.18 -0.18 0.00	41.16 -0.32 0.00	38.85 -0.33 0.00	38.88 -0.19 0.00	42.09 -0.06 0.00	50.37 0.51 0.00	51.79 0.68 0.00	57.33 0.72 0.00	58.09 0.59 0.00	91.86 0.56 0.00	100.52 0.21 0.00	99.87 0.27 0.00	63.81 -0.15 0.00	85.75 -0.06 0.00	88.67 0.03 0.00	90.55 0.38 0.00	110.46 0.83 0.00	125.42 0.59 0.00	151.05 1.53 0.00	102.01 0.76 0.00	81.22 1.31 0.00	79.50 1.47 0.00	55.50 0.85 0.00
MAPLEWOD_115KV_TB3 80458	47.93 1.02 0.48	40.22 0.86 0.00	42.56 1.08 0.00	40.22 1.04 0.00	40.13 1.06 0.00	43.24 1.09 0.00	50.79 0.93 0.00	51.95 0.83 0.00	57.43 0.82 0.00	58.20 0.70 0.00	92.67 1.37 0.00	102.03 1.72 0.00	101.58 1.97 0.00	65.34 1.37 0.00	87.60 1.80 0.00	90.51 1.87 0.00	92.19 2.03 0.00	112.18 2.55 0.00	127.99 3.16 0.00	152.84 3.32 0.00	103.85 2.59 0.00	81.71 1.80 0.00	79.16 1.13 0.00	55.55 0.90 0.00
MAPLE_RIDGE_WT_1 323574	46.92 -0.46 0.00	38.93 -0.43 0.00	41.00 -0.48 0.00	38.80 -0.37 0.00	38.78 -0.29 0.00	41.89 -0.26 0.00	49.72 -0.14 0.00	51.01 -0.10 0.00	56.52 -0.08 0.00	57.41 -0.09 0.00	91.12 -0.18 0.00	100.09 -0.23 0.00	99.34 -0.26 0.00	63.73 -0.24 0.00	85.54 -0.27 0.00	88.40 -0.24 0.00	89.98 -0.18 0.00	109.43 -0.20 0.00	124.54 -0.29 0.00	149.19 -0.33 0.00	100.95 -0.30 0.00	79.75 -0.15 0.00	77.95 -0.07 0.00	54.59 -0.06 0.00
MAPLE_RIDGE_WT_2 323611	46.92 -0.46 0.00	38.93 -0.43 0.00	41.00 -0.48 0.00	38.80 -0.37 0.00	38.78 -0.29 0.00	41.89 -0.26 0.00	49.72 -0.14 0.00	51.01 -0.10 0.00	56.52 -0.08 0.00	57.41 -0.09 0.00	91.12 -0.18 0.00	100.09 -0.23 0.00	99.34 -0.26 0.00	63.73 -0.24 0.00	85.54 -0.27 0.00	88.40 -0.24 0.00	89.98 -0.18 0.00	109.43 -0.20 0.00	124.54 -0.29 0.00	149.19 -0.33 0.00	100.95 -0.30 0.00	79.75 -0.15 0.00	77.95 -0.07 0.00	54.59 -0.06 0.00
MARBLE_RIVER_WT_PWR 323696	46.39 -0.99 0.00	38.47 -0.89 0.00	40.51 -0.97 0.00	38.23 -0.95 0.00	38.23 -0.84 0.00	41.36 -0.79 0.00	49.42 -0.44 0.00	50.72 -0.40 0.00	56.18 -0.43 0.00	56.89 -0.62 0.00	90.02 -1.29 0.00	98.65 -1.66 0.00	97.97 -1.63 0.00	62.76 -1.21 0.00	84.44 -1.37 0.00	87.56 -1.08 0.00	89.48 -0.68 0.00	109.23 -0.40 0.00	124.09 -0.74 0.00	148.52 -1.00 0.00	100.30 -0.96 0.00	79.59 -0.31 0.00	77.90 -0.13 0.00	54.34 -0.30 0.00
MARSHVLE_115KV_TB1 80742	50.55 3.46 0.29	42.17 2.81 0.00	44.32 2.83 0.00	41.79 2.62 0.00	41.64 2.57 0.00	45.08 2.93 0.00	53.56 3.70 0.00	54.67 3.55 0.00	60.41 3.81 0.00	61.21 3.70 0.00	96.88 5.58 0.00	106.07 5.76 0.00	105.08 5.48 0.00	67.23 3.27 0.00	90.36 4.55 0.00	94.00 5.35 0.00	96.34 6.18 0.00	118.01 8.37 0.00	134.84 10.01 0.00	162.22 12.70 0.00	110.18 8.92 0.00	86.65 6.75 0.00	84.54 6.51 0.00	59.04 4.39 0.00
MARSH_HILL_WT_PWR 323713	49.60 2.23 0.00	41.31 1.95 0.00	43.10 1.62 0.00	40.37 1.20 0.00	40.27 1.20 0.00	43.61 1.46 0.00	51.74 1.88 0.00	52.56 1.44 0.00	58.32 1.71 0.00	59.71 2.21 0.00	95.18 3.88 0.00	104.13 3.82 0.00	103.93 4.32 0.00	66.25 2.29 0.00	88.31 2.51 0.00	91.39 2.75 0.00	92.17 2.01 0.00	112.81 3.18 0.00	129.45 4.62 0.00	157.10 7.58 0.00	107.97 6.71 0.00	83.70 3.79 0.00	82.10 4.08 0.00	57.69 3.04 0.00
MCINTYRE_115KV_TB2 80467	48.54 1.17 0.00	40.23 0.87 0.00	42.17 0.69 0.00	39.83 0.65 0.00	39.88 0.81 0.00	43.19 1.04 0.00	51.70 1.83 0.00	53.12 2.00 0.00	58.37 1.76 0.00	59.19 1.69 0.00	93.95 2.65 0.00	102.01 1.70 0.00	100.32 0.71 0.00	63.77 -0.19 0.00	85.80 -0.01 0.00	88.49 -0.15 0.00	90.50 0.33 0.00	109.94 0.31 0.00	125.02 0.19 0.00	151.49 1.97 0.00	102.96 1.71 0.00	82.18 2.27 0.00	81.27 3.24 0.00	56.76 2.11 0.00
MECO_____69_KV_BK1 80468	51.01 3.95 0.32	42.57 3.21 0.00	44.81 3.33 0.00	42.26 3.09 0.00	42.13 3.06 0.00	45.59 3.44 0.00	54.00 4.14 0.00	55.13 4.02 0.00	60.84 4.24 0.00	60.82 3.31 0.00	96.47 5.17 0.00	105.95 5.64 0.00	104.69 5.09 0.00	66.80 2.84 0.00	90.43 4.62 0.00	94.11 5.47 0.00	96.55 6.38 0.00	119.27 9.64 0.00	136.82 11.99 0.00	164.64 15.12 0.00	111.92 10.66 0.00	87.93 8.02 0.00	85.39 7.37 0.00	59.57 4.92 0.00
MENANDS___115KV_TB5 355628	47.43 0.53 0.47	39.83 0.47 0.00	42.18 0.70 0.00	39.88 0.70 0.00	39.80 0.73 0.00	42.86 0.71 0.00	50.33 0.47 0.00	51.47 0.35 0.00	56.87 0.26 0.00	57.68 0.18 0.00	91.77 0.47 0.00	101.03 0.72 0.00	100.60 0.99 0.00	64.74 0.77 0.00	86.81 1.00 0.00	89.57 0.94 0.00	91.15 0.99 0.00	110.81 1.18 0.00	126.39 1.55 0.00	150.91 1.39 0.00	102.53 1.28 0.00	80.72 0.81 0.00	78.23 0.20 0.00	54.94 0.29 0.00
MG INDUSTRY___DRP 24185	46.68 -0.43 0.26	39.04 -0.32 0.00	41.39 -0.09 0.00	39.19 0.01 0.00	39.09 0.03 0.00	42.09 -0.06 0.00	49.39 -0.48 0.00	50.50 -0.62 0.00	55.73 -0.87 0.00	56.46 -1.05 0.00	89.60 -1.70 0.00	98.64 -1.67 0.00	98.19 -1.42 0.00	63.16 -0.80 0.00	84.64 -1.17 0.00	87.39 -1.25 0.00	88.83 -1.33 0.00	108.10 -1.53 0.00	123.17 -1.67 0.00	147.29 -2.23 0.00	100.07 -1.18 0.00	78.97 -0.94 0.00	76.65 -1.37 0.00	53.85 -0.80 0.00

MID___OSWEGATCHIE_HYD 23849	48.29 0.90 0.00	39.78 0.40 -0.02	41.71 0.20 -0.02	39.59 0.41 0.00	39.68 0.61 0.00	43.10 0.92 -0.02	51.64 1.54 -0.24	52.83 1.69 -0.03	58.62 1.89 -0.12	59.38 1.81 -0.07	95.55 2.93 -1.31	104.39 2.58 -1.51	103.23 2.38 -1.25	64.88 0.91 0.00	86.75 0.94 0.00	89.42 0.61 -0.17	90.84 0.68 0.00	110.49 0.86 0.00	126.16 1.33 0.00	152.84 3.20 -0.12	104.24 2.71 -0.27	82.84 2.65 -0.29	81.81 3.06 -0.72	56.65 1.94 -0.05
MID___RAQUETTE_HYD 23851	47.52 0.14 0.00	39.35 -0.01 0.00	41.27 -0.21 0.00	39.03 -0.15 0.00	39.08 0.01 0.00	42.31 0.16 0.00	50.54 0.68 0.00	52.01 0.89 0.00	57.45 0.85 0.00	58.20 0.69 0.00	92.24 0.94 0.00	100.69 0.38 0.00	99.61 0.01 0.00	63.41 -0.55 0.00	85.02 -0.78 0.00	87.51 -1.13 0.00	89.00 -1.16 0.00	108.32 -1.32 0.00	123.02 -1.81 0.00	148.41 -1.11 0.00	100.42 -0.83 0.00	80.07 0.17 0.00	79.42 1.40 0.00	55.68 1.03 0.00
MILLIKEN___1 23584	48.90 1.52 0.00	40.62 1.24 -0.01	42.72 1.22 -0.02	40.27 1.09 0.00	40.05 0.98 0.00	43.35 1.18 -0.02	51.48 1.44 -0.18	52.53 1.40 -0.02	58.26 1.57 -0.09	59.09 1.54 -0.05	94.98 2.69 -0.98	104.28 2.84 -1.13	103.86 3.32 -0.93	66.34 2.38 0.00	89.21 3.40 0.00	91.71 2.94 -0.13	92.86 2.70 0.00	112.96 3.32 0.00	129.58 4.75 0.00	156.29 6.68 -0.09	106.80 5.33 -0.21	83.74 3.61 -0.22	81.62 3.05 -0.54	56.76 2.07 -0.04
MILLIKEN___2 23585	48.90 1.52 0.00	40.62 1.24 -0.01	42.72 1.22 -0.02	40.27 1.09 0.00	40.05 0.98 0.00	43.35 1.18 -0.02	51.48 1.44 -0.18	52.53 1.40 -0.02	58.26 1.57 -0.09	59.09 1.54 -0.05	94.98 2.69 -0.98	104.28 2.84 -1.13	103.86 3.32 -0.93	66.34 2.38 0.00	89.21 3.40 0.00	91.71 2.94 -0.13	92.86 2.70 0.00	112.96 3.32 0.00	129.58 4.75 0.00	156.29 6.68 -0.09	106.80 5.33 -0.21	83.74 3.61 -0.22	81.62 3.05 -0.54	56.76 2.07 -0.04
MILLIKEN___DIESEL 23629	48.90 1.52 0.00	40.62 1.24 -0.01	42.72 1.22 -0.02	40.27 1.09 0.00	40.05 0.98 0.00	43.35 1.18 -0.02	51.48 1.44 -0.18	52.53 1.40 -0.02	58.26 1.57 -0.09	59.09 1.54 -0.05	94.98 2.69 -0.98	104.28 2.84 -1.13	103.86 3.32 -0.93	66.34 2.38 0.00	89.21 3.40 0.00	91.71 2.94 -0.13	92.86 2.70 0.00	112.96 3.32 0.00	129.58 4.75 0.00	156.29 6.68 -0.09	106.80 5.33 -0.21	83.74 3.61 -0.22	81.62 3.05 -0.54	56.76 2.07 -0.04
MILLSEAT___LFGE 323607	50.10 2.72 0.00	41.63 2.27 0.00	42.95 1.47 0.00	40.00 0.82 0.00	39.64 0.57 0.00	42.89 0.74 0.00	51.18 1.32 0.00	51.87 0.75 0.00	58.12 1.51 0.00	59.35 1.84 0.00	94.13 2.83 0.00	103.31 3.00 0.00	103.30 3.69 0.00	65.39 1.43 0.00	87.43 1.63 0.00	89.87 1.23 0.00	91.02 0.86 0.00	111.42 1.79 0.00	127.82 2.98 0.00	156.10 6.58 0.00	106.44 5.19 0.00	82.24 2.33 0.00	81.68 3.65 0.00	57.58 2.93 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.07 2.15 -0.54	41.19 1.83 0.00	43.57 2.09 0.00	41.13 1.95 0.00	40.90 1.83 0.00	44.05 1.90 0.00	51.69 1.83 0.00	52.89 1.78 0.00	58.46 1.85 0.00	59.32 1.82 0.00	94.43 3.13 0.00	104.38 4.07 0.00	104.01 4.41 0.00	67.22 3.25 0.00	90.08 4.27 0.00	93.20 4.55 0.00	94.78 4.62 0.00	114.66 5.02 0.00	129.80 4.97 0.00	155.08 5.56 0.00	105.51 4.26 0.00	82.64 2.74 0.00	79.93 1.90 0.00	56.36 1.71 0.00
MILLWOOD_13_KV_LOAD 356217	50.16 2.24 -0.54	41.26 1.91 0.00	43.65 2.17 0.00	41.20 2.02 0.00	40.98 1.91 0.00	44.13 1.98 0.00	51.79 1.93 0.00	53.01 1.89 0.00	58.59 1.99 0.00	59.46 1.96 0.00	94.67 3.36 0.00	104.65 4.34 0.00	104.29 4.69 0.00	67.41 3.45 0.00	90.31 4.51 0.00	93.47 4.83 0.00	95.05 4.89 0.00	114.96 5.32 0.00	130.12 5.29 0.00	155.45 5.94 0.00	105.77 4.52 0.00	82.82 2.92 0.00	80.09 2.07 0.00	56.47 1.82 0.00
MODEL_CITY_ENERGY 24167	48.67 1.29 0.00	40.54 1.18 0.00	41.77 0.28 0.00	38.86 -0.31 0.00	38.48 -0.59 0.00	41.60 -0.55 0.00	49.60 -0.26 0.00	50.04 -1.07 0.00	56.26 -0.35 0.00	57.71 0.20 0.00	91.67 0.37 0.00	100.79 0.48 0.00	100.69 1.08 0.00	63.69 -0.27 0.00	85.03 -0.78 0.00	87.59 -1.05 0.00	88.70 -1.46 0.00	108.50 -1.14 0.00	124.27 -0.57 0.00	151.46 1.94 0.00	103.14 1.89 0.00	79.52 -0.38 0.00	78.74 0.71 0.00	55.85 1.20 0.00
MODERN_LFGE___ 323580	48.67 1.29 0.00	40.54 1.18 0.00	41.77 0.28 0.00	38.86 -0.31 0.00	38.48 -0.59 0.00	41.60 -0.55 0.00	49.60 -0.26 0.00	50.04 -1.07 0.00	56.26 -0.35 0.00	57.71 0.20 0.00	91.67 0.37 0.00	100.79 0.48 0.00	100.69 1.08 0.00	63.69 -0.27 0.00	85.03 -0.78 0.00	87.59 -1.05 0.00	88.70 -1.46 0.00	108.50 -1.14 0.00	124.27 -0.57 0.00	151.46 1.94 0.00	103.14 1.89 0.00	79.52 -0.38 0.00	78.74 0.71 0.00	55.85 1.20 0.00
MOHAWK_PAPER___DRP 24187	47.93 1.02 0.48	40.22 0.86 0.00	42.56 1.08 0.00	40.22 1.04 0.00	40.13 1.06 0.00	43.24 1.09 0.00	50.79 0.93 0.00	51.95 0.83 0.00	57.43 0.82 0.00	58.20 0.70 0.00	92.67 1.37 0.00	102.03 1.72 0.00	101.58 1.97 0.00	65.34 1.37 0.00	87.60 1.80 0.00	90.51 1.87 0.00	92.19 2.03 0.00	112.18 2.55 0.00	127.99 3.16 0.00	152.84 3.32 0.00	103.85 2.59 0.00	81.71 1.80 0.00	79.16 1.13 0.00	55.55 0.90 0.00
MOHICAN___35_KV_115KV_LD 80490	50.00 3.10 0.48	41.91 2.55 0.00	44.33 2.85 0.00	41.81 2.64 0.00	41.71 2.64 0.00	45.07 2.92 0.00	53.08 3.21 0.00	54.10 2.99 0.00	59.71 3.10 0.00	60.35 2.84 0.00	95.87 4.56 0.00	105.54 5.23 0.00	104.71 5.11 0.00	67.32 3.35 0.00	90.48 4.68 0.00	93.76 5.12 0.00	95.82 5.66 0.00	117.30 7.66 0.00	134.99 10.16 0.00	161.30 11.78 0.00	109.84 8.58 0.00	86.39 6.48 0.00	83.47 5.44 0.00	58.37 3.72 0.00
MONGAUP___HYD 23641	50.30 2.48 -0.45	41.38 2.02 0.00	43.70 2.22 0.00	41.26 2.08 0.00	41.06 1.99 0.00	44.23 2.08 0.00	52.04 2.18 0.00	53.24 2.13 0.00	58.74 2.14 0.00	59.41 1.90 0.00	94.81 3.51 0.00	104.37 4.06 0.00	103.38 3.78 0.00	66.49 2.53 0.00	89.04 3.23 0.00	92.33 3.69 0.00	95.02 4.86 0.00	115.43 5.79 0.00	130.92 6.08 0.00	156.51 6.99 0.00	106.37 5.12 0.00	83.38 3.48 0.00	81.18 3.15 0.00	56.94 2.29 0.00
MONTAUK___DIESEL 23721	52.47 4.54 -0.55	43.45 4.09 0.00	45.90 4.42 0.00	43.16 3.99 0.00	42.83 3.76 0.00	46.03 3.88 0.00	53.64 3.78 0.00	52.70 3.36 1.78	47.65 4.03 12.99	62.00 4.50 0.00	96.19 6.49 1.60	66.39 8.22 42.14	74.07 8.82 34.35	70.78 6.85 0.03	94.22 8.62 0.21	98.01 9.54 0.17	103.24 10.44 -2.64	121.99 12.12 -0.23	132.82 11.68 3.70	157.90 12.78 4.40	109.30 8.04 0.00	77.53 4.41 6.79	44.38 3.88 37.52	55.82 2.50 1.33
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.20 3.82 0.00	42.63 3.27 0.00	43.98 2.50 0.00	40.90 1.72 0.00	40.60 1.53 0.00	43.96 1.81 0.00	52.32 2.46 0.00	53.04 1.93 0.00	59.81 3.20 0.00	61.38 3.88 0.00	97.72 6.41 0.00	107.37 7.06 0.00	107.07 7.47 0.00	67.81 3.84 0.00	90.51 4.71 0.00	93.04 4.40 0.00	94.56 4.40 0.00	116.08 6.45 0.00	133.52 8.68 0.00	163.11 13.60 0.00	111.27 10.01 0.00	85.35 5.45 0.00	83.81 5.78 0.00	58.97 4.33 0.00

MORRIS_RIDGE___SOLAR 323848	49.13 1.76 0.00	40.90 1.54 0.00	42.57 1.09 0.00	39.85 0.68 0.00	39.57 0.50 0.00	42.85 0.69 0.00	50.88 1.01 0.00	51.51 0.39 0.00	57.32 0.71 0.00	58.67 1.16 0.00	93.45 2.14 0.00	102.46 2.15 0.00	102.16 2.55 0.00	65.06 1.09 0.00	86.74 0.94 0.00	89.76 1.12 0.00	90.34 0.18 0.00	110.81 1.18 0.00	127.22 2.38 0.00	154.60 5.09 0.00	106.07 4.81 0.00	82.08 2.18 0.00	80.63 2.61 0.00	56.77 2.12 0.00
MORTIMER_115KV_TB3 55949	49.45 2.07 0.00	41.04 1.69 0.00	42.63 1.14 0.00	39.88 0.71 0.00	39.60 0.53 0.00	42.79 0.64 0.00	50.90 1.04 0.00	51.83 0.72 0.00	58.04 1.43 0.00	59.39 1.88 0.00	94.41 3.10 0.00	103.55 3.24 0.00	103.44 3.84 0.00	65.94 1.97 0.00	88.24 2.43 0.00	91.05 2.41 0.00	92.16 2.00 0.00	112.52 2.88 0.00	128.77 3.93 0.00	155.98 6.46 0.00	106.06 4.80 0.00	82.44 2.54 0.00	80.81 2.79 0.00	56.71 2.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.39 2.47 -0.55	41.50 2.14 0.00	43.90 2.42 0.00	41.43 2.25 0.00	41.21 2.14 0.00	44.37 2.22 0.00	52.03 2.17 0.00	53.25 2.13 0.00	58.83 2.22 0.00	59.70 2.19 0.00	95.04 3.74 0.00	105.11 4.80 0.00	104.85 5.25 0.00	67.82 3.85 0.00	90.85 5.05 0.00	93.91 5.27 0.00	95.51 5.35 0.00	115.45 5.82 0.00	130.49 5.66 0.00	155.97 6.45 0.00	106.18 4.93 0.00	83.10 3.20 0.00	80.30 2.27 0.00	56.70 2.05 0.00
MUNSVILLE_WIND_PWR 323609	51.14 3.76 0.00	42.62 3.26 0.00	44.87 3.39 0.00	42.25 3.07 0.00	42.09 3.02 0.00	45.76 3.61 0.00	54.29 4.43 0.00	55.81 4.70 0.00	62.10 5.49 0.00	63.09 5.58 0.00	100.26 8.95 0.00	109.83 9.51 0.00	109.21 9.61 0.00	70.66 6.69 0.00	95.62 9.81 0.00	98.22 9.57 0.00	99.04 8.88 0.00	121.85 12.22 0.00	140.33 15.49 0.00	168.47 18.95 0.00	114.84 13.58 0.00	89.54 9.63 0.00	86.72 8.69 0.00	60.31 5.66 0.00
N SALMON___HYD 24042	47.31 -0.07 0.00	39.18 -0.18 0.00	41.16 -0.32 0.00	38.85 -0.32 0.00	38.88 -0.19 0.00	42.09 -0.06 0.00	50.37 0.51 0.00	51.79 0.68 0.00	57.33 0.72 0.00	58.09 0.58 0.00	91.87 0.56 0.00	100.52 0.21 0.00	99.87 0.27 0.00	63.82 -0.15 0.00	85.75 -0.06 0.00	88.67 0.04 0.00	90.55 0.39 0.00	110.46 0.82 0.00	125.42 0.59 0.00	151.05 1.53 0.00	102.01 0.76 0.00	81.22 1.31 0.00	79.50 1.47 0.00	55.50 0.85 0.00
N.AKRON__115KV_KNAPP 355671	49.80 2.42 0.00	41.41 2.05 0.00	42.70 1.22 0.00	39.75 0.57 0.00	39.39 0.31 0.00	42.61 0.46 0.00	50.84 0.97 0.00	51.46 0.35 0.00	57.77 1.17 0.00	59.12 1.61 0.00	93.78 2.47 0.00	102.95 2.64 0.00	102.91 3.30 0.00	65.17 1.20 0.00	87.07 1.27 0.00	89.59 0.96 0.00	90.70 0.54 0.00	111.03 1.40 0.00	127.37 2.53 0.00	155.42 5.91 0.00	105.92 4.67 0.00	81.71 1.80 0.00	80.97 2.95 0.00	57.19 2.54 0.00
N.E_GEN_SANDY PD 24062	45.56 1.14 2.96	40.39 1.03 0.00	42.75 1.27 0.00	40.35 1.17 0.00	40.23 1.16 0.00	43.19 1.21 0.17	51.99 1.11 -1.02	52.39 0.95 -0.33	59.78 0.86 -2.31	57.27 0.81 1.04	92.74 1.44 0.00	102.11 1.79 0.00	101.79 2.19 0.00	64.64 1.61 0.93	88.81 1.98 -1.03	87.87 1.82 2.59	91.70 1.92 0.37	111.93 2.29 0.00	127.87 3.04 0.00	138.32 3.16 14.36	103.73 2.47 0.00	81.90 1.67 -0.33	78.98 0.95 0.00	53.58 0.97 2.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.11 2.22 -0.51	41.20 1.84 0.00	43.58 2.10 0.00	41.13 1.95 0.00	40.90 1.83 0.00	44.02 1.87 0.00	51.66 1.80 0.00	52.94 1.82 0.00	58.55 1.95 0.00	59.41 1.91 0.00	94.56 3.26 0.00	104.52 4.21 0.00	104.10 4.50 0.00	67.24 3.27 0.00	90.21 4.40 0.00	93.36 4.72 0.00	94.93 4.77 0.00	114.74 5.10 0.00	129.89 5.06 0.00	155.12 5.60 0.00	105.56 4.30 0.00	82.71 2.80 0.00	79.98 1.95 0.00	56.41 1.76 0.00
N.QUEENS_27_KV_LOAD 356247	50.67 2.75 -0.55	41.79 2.44 0.00	44.15 2.67 0.00	41.67 2.49 0.00	41.44 2.37 0.00	44.55 2.40 0.00	52.24 2.38 0.00	53.48 2.37 0.00	59.04 2.43 0.00	59.89 2.38 0.00	95.43 4.04 -0.08	105.77 5.16 -0.30	105.31 5.71 0.00	68.16 4.19 0.00	91.23 5.42 0.00	94.34 5.70 0.00	95.92 5.76 0.00	115.83 6.19 0.00	130.66 5.83 0.01	156.27 6.75 0.00	106.28 5.02 -0.01	83.16 3.25 -0.01	80.44 2.41 -0.01	56.89 2.24 0.00
N.TROY___115KV_TB1 355778	48.14 1.40 0.64	40.54 1.18 0.00	42.90 1.41 0.00	40.49 1.32 0.00	40.41 1.34 0.00	43.58 1.43 0.00	51.28 1.42 0.00	52.34 1.22 0.00	57.82 1.21 0.00	58.61 1.10 0.00	93.20 1.90 0.00	102.54 2.23 0.00	102.03 2.43 0.00	65.57 1.60 0.00	87.93 2.12 0.00	90.76 2.12 0.00	92.48 2.32 0.00	112.68 3.05 0.00	128.94 4.11 0.00	154.06 4.54 0.00	104.70 3.44 0.00	82.44 2.53 0.00	79.90 1.88 0.00	56.12 1.47 0.00
NARROWS_GT1_1 24228	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT1_2 24229	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT1_3 24230	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT1_4 24231	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT1_5 24232	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00

NARROWS_GT1_6 24233	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT1_7 24234	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT1_8 24235	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT2_1 24236	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT2_2 24237	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT2_3 24238	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT2_4 24239	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT2_5 24240	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT2_6 24241	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT2_7 24242	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NARROWS_GT2_8 24243	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.90 3.59 0.00	105.05 4.75 0.00	104.84 5.24 0.00	67.80 3.83 0.00	90.74 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.03 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.05 3.15 0.01	80.25 2.23 0.01	56.75 2.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.48 1.28 0.18	40.35 0.99 0.00	42.71 1.23 0.00	40.40 1.22 0.00	40.31 1.24 0.00	43.42 1.27 0.00	51.07 1.21 0.00	52.30 1.19 0.00	57.68 1.08 0.00	58.29 0.78 0.00	92.38 1.07 0.00	101.96 1.65 0.00	101.07 1.47 0.00	65.23 1.26 0.00	87.35 1.55 0.00	90.04 1.40 0.00	92.29 2.13 0.00	113.41 3.77 0.00	129.34 4.51 0.00	154.35 4.83 0.00	104.75 3.50 0.00	82.55 2.65 0.00	79.86 1.84 0.00	55.88 1.23 0.00
NCHELSEA_115KV_TR2 355582	50.34 2.53 -0.43	41.47 2.11 0.00	43.84 2.36 0.00	41.39 2.21 0.00	41.18 2.11 0.00	44.37 2.22 0.00	52.13 2.27 0.00	53.42 2.30 0.00	59.14 2.54 0.00	60.01 2.51 0.00	95.59 4.28 0.00	105.69 5.38 0.00	105.33 5.73 0.00	68.08 4.11 0.00	91.23 5.42 0.00	94.49 5.85 0.00	96.23 6.07 0.00	116.48 6.84 0.00	131.92 7.09 0.00	157.46 7.94 0.00	106.94 5.68 0.00	83.70 3.80 0.00	80.94 2.92 0.00	56.92 2.27 0.00
NEG CAPITAL___MECHNVIL 23645	49.39 2.56 0.55	41.47 2.11 0.00	43.83 2.35 0.00	41.36 2.18 0.00	41.25 2.18 0.00	44.55 2.40 0.00	52.46 2.60 0.00	53.55 2.44 0.00	59.21 2.60 0.00	59.95 2.44 0.00	95.43 4.13 0.00	105.07 4.77 0.00	104.30 4.69 0.00	67.03 3.06 0.00	90.07 4.26 0.00	93.17 4.53 0.00	95.09 4.93 0.00	115.97 6.34 0.00	132.77 7.94 0.00	158.84 9.32 0.00	107.98 6.72 0.00	84.82 4.91 0.00	82.13 4.10 0.00	57.52 2.87 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.46 1.08 0.00	40.23 0.86 -0.01	41.89 0.39 -0.02	39.24 0.06 0.00	38.98 -0.10 0.00	42.16 0.00 -0.02	50.29 0.25 -0.17	51.16 0.02 -0.02	57.27 0.58 -0.09	58.54 0.98 -0.05	93.96 1.68 -0.97	103.15 1.73 -1.11	102.92 2.40 -0.92	65.10 1.13 0.00	87.16 1.36 0.00	90.00 1.23 -0.13	91.01 0.85 0.00	111.13 1.50 0.00	127.18 2.34 0.00	153.81 4.20 -0.09	104.71 3.25 -0.20	81.58 1.47 -0.21	79.99 1.43 -0.53	55.73 1.05 -0.04

NEG CENTRAL___DRP 24199	48.89 1.50 0.00	40.62 1.23 -0.03	42.57 1.06 -0.04	39.99 0.81 0.00	39.76 0.69 0.00	43.05 0.86 -0.03	51.35 1.09 -0.40	52.14 0.98 -0.05	57.94 1.14 -0.20	58.94 1.32 -0.11	95.94 2.43 -2.21	105.17 2.33 -2.52	104.67 2.98 -2.09	66.03 2.06 0.00	88.42 2.61 0.00	91.42 2.49 -0.29	92.30 2.14 0.00	112.30 2.66 0.00	128.65 3.81 0.00	155.08 5.36 -0.20	106.22 4.51 -0.46	83.18 2.79 -0.48	81.54 2.31 -1.20	56.48 1.74 -0.09
NEG CENTRAL___INDECK 23768	51.43 4.05 0.00	42.67 3.31 0.00	44.34 2.86 0.00	41.48 2.30 0.00	41.23 2.16 0.00	44.55 2.40 0.00	52.86 2.99 0.00	52.79 1.67 0.00	58.34 1.73 0.00	59.69 2.18 0.00	94.69 3.39 0.00	103.45 3.15 0.00	102.30 2.69 0.00	64.27 0.31 0.00	84.45 -1.35 0.00	87.64 -1.00 0.00	88.42 -1.74 0.00	109.18 -0.45 0.00	124.08 -0.76 0.00	151.56 2.04 0.00	104.06 2.81 0.00	81.67 1.76 0.00	82.90 4.87 0.00	57.73 3.08 0.00
NEG CENTRAL___SENECA 23627	49.33 1.95 0.00	41.02 1.64 -0.02	42.91 1.41 -0.02	40.27 1.09 0.00	40.05 0.98 0.00	43.35 1.18 -0.02	51.60 1.50 -0.24	52.50 1.35 -0.03	58.24 1.51 -0.12	59.30 1.73 -0.07	95.70 3.08 -1.31	104.70 2.89 -1.50	104.51 3.66 -1.25	66.54 2.57 0.00	88.98 3.17 0.00	91.99 3.18 -0.17	92.93 2.76 0.00	113.01 3.37 0.00	129.61 4.78 0.00	156.15 6.52 -0.12	107.10 5.57 -0.27	83.60 3.41 -0.29	81.71 2.96 -0.72	57.00 2.29 -0.05
NEG CENTRAL___STATE_STREET 24147	48.57 1.18 -0.01	40.37 0.97 -0.04	42.39 0.86 -0.05	39.89 0.71 -0.01	39.58 0.51 0.00	42.94 0.74 -0.04	51.27 0.92 -0.49	51.99 0.82 -0.06	57.88 1.03 -0.24	58.69 1.05 -0.14	96.04 2.03 -2.70	105.50 2.11 -3.09	104.71 2.55 -2.56	65.70 1.74 0.00	88.24 2.43 0.00	90.96 1.97 -0.35	91.84 1.67 0.00	111.72 2.09 0.00	127.94 3.10 0.00	154.47 4.71 -0.25	105.54 3.72 -0.56	83.10 2.61 -0.59	81.41 1.91 -1.47	56.15 1.39 -0.11
NEG MILLWOOD___DRP 24198	50.50 2.64 -0.48	41.58 2.22 0.00	43.94 2.46 0.00	41.48 2.30 0.00	41.27 2.20 0.00	44.47 2.33 0.00	52.24 2.38 0.00	53.53 2.42 0.00	59.25 2.64 0.00	60.16 2.66 0.00	95.82 4.51 0.00	106.00 5.69 0.00	105.67 6.07 0.00	68.36 4.39 0.00	91.64 5.83 0.00	94.80 6.16 0.00	96.41 6.25 0.00	116.67 7.04 0.00	132.11 7.28 0.00	157.78 8.26 0.00	107.13 5.88 0.00	83.76 3.85 0.00	80.98 2.95 0.00	56.95 2.30 0.00
NEG NORTH_FLCN_SEA 23793	46.36 -1.01 0.00	38.45 -0.91 0.00	40.48 -1.00 0.00	38.21 -0.97 0.00	38.20 -0.87 0.00	41.33 -0.82 0.00	49.39 -0.48 0.00	50.48 -0.63 0.00	55.93 -0.68 0.00	56.67 -0.84 0.00	89.62 -1.69 0.00	98.17 -2.14 0.00	97.77 -1.83 0.00	62.85 -1.12 0.00	84.49 -1.31 0.00	87.77 -0.87 0.00	89.77 -0.39 0.00	109.60 -0.03 0.00	124.58 -0.25 0.00	148.84 -0.68 0.00	100.79 -0.46 0.00	80.01 0.10 0.00	77.96 -0.07 0.00	54.38 -0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	46.51 -0.87 0.00	38.54 -0.82 0.00	40.56 -0.92 0.00	38.28 -0.90 0.00	38.30 -0.78 0.00	41.45 -0.70 0.00	49.55 -0.32 0.00	50.85 -0.27 0.00	56.32 -0.28 0.00	56.96 -0.54 0.00	90.11 -1.20 0.00	98.73 -1.58 0.00	98.03 -1.58 0.00	62.71 -1.26 0.00	84.39 -1.42 0.00	87.46 -1.18 0.00	89.38 -0.78 0.00	109.10 -0.53 0.00	123.92 -0.91 0.00	148.59 -0.93 0.00	100.46 -0.80 0.00	79.81 -0.09 0.00	78.10 0.08 0.00	54.46 -0.19 0.00
NEG NORTH___ALICE_FALLS 23915	46.74 -0.64 0.00	38.74 -0.62 0.00	40.77 -0.71 0.00	38.48 -0.70 0.00	38.46 -0.61 0.00	41.62 -0.53 0.00	49.76 -0.11 0.00	50.96 -0.15 0.00	56.45 -0.15 0.00	57.24 -0.26 0.00	90.36 -0.94 0.00	99.01 -1.30 0.00	98.62 -0.98 0.00	63.34 -0.62 0.00	85.12 -0.69 0.00	88.35 -0.29 0.00	90.40 0.24 0.00	110.43 0.80 0.00	125.75 0.91 0.00	150.46 0.95 0.00	101.90 0.65 0.00	80.97 1.07 0.00	78.79 0.77 0.00	54.96 0.31 0.00
NEG NORTH___LWR_SARANAC 23913	46.74 -0.64 0.00	38.74 -0.62 0.00	40.77 -0.71 0.00	38.48 -0.70 0.00	38.46 -0.61 0.00	41.62 -0.53 0.00	49.76 -0.11 0.00	50.96 -0.15 0.00	56.45 -0.15 0.00	57.24 -0.26 0.00	90.36 -0.94 0.00	99.01 -1.30 0.00	98.62 -0.98 0.00	63.34 -0.62 0.00	85.12 -0.69 0.00	88.35 -0.29 0.00	90.40 0.24 0.00	110.43 0.80 0.00	125.75 0.91 0.00	150.46 0.95 0.00	101.90 0.65 0.00	80.97 1.07 0.00	78.79 0.77 0.00	54.96 0.31 0.00
NEG NORTH___PLATTSBURG 23628	46.74 -0.64 0.00	38.74 -0.62 0.00	40.77 -0.71 0.00	38.48 -0.70 0.00	38.46 -0.61 0.00	41.62 -0.53 0.00	49.76 -0.11 0.00	50.97 -0.15 0.00	56.46 -0.15 0.00	57.25 -0.26 0.00	90.36 -0.94 0.00	99.01 -1.30 0.00	98.62 -0.98 0.00	63.35 -0.62 0.00	85.12 -0.69 0.00	88.35 -0.29 0.00	90.40 0.25 0.00	110.43 0.79 0.00	125.75 0.92 0.00	150.46 0.94 0.00	101.90 0.65 0.00	80.97 1.06 0.00	78.79 0.77 0.00	54.96 0.31 0.00
NEG WEST_LEA_LOCKPORT 23791	48.86 1.48 0.00	40.67 1.31 0.00	41.92 0.44 0.00	39.00 -0.18 0.00	38.61 -0.46 0.00	41.76 -0.40 0.00	49.79 -0.08 0.00	50.28 -0.83 0.00	56.53 -0.07 0.00	57.99 0.49 0.00	92.07 0.76 0.00	101.18 0.87 0.00	100.97 1.36 0.00	63.94 -0.03 0.00	85.36 -0.45 0.00	87.97 -0.67 0.00	89.01 -1.15 0.00	108.94 -0.69 0.00	124.83 0.00 0.00	152.15 2.63 0.00	103.71 2.45 0.00	79.88 -0.03 0.00	79.07 1.04 0.00	56.00 1.35 0.00
NEG WEST___LANCASTR 23811	49.23 1.85 0.00	40.96 1.60 0.00	42.36 0.88 0.00	39.51 0.33 0.00	39.14 0.07 0.00	42.35 0.19 0.00	50.46 0.60 0.00	51.23 0.11 0.00	57.49 0.88 0.00	58.89 1.38 0.00	93.42 2.11 0.00	102.47 2.16 0.00	102.38 2.77 0.00	64.98 1.01 0.00	86.95 1.15 0.00	89.76 1.12 0.00	91.09 0.93 0.00	111.61 1.98 0.00	127.97 3.14 0.00	155.67 6.15 0.00	106.04 4.79 0.00	81.54 1.63 0.00	80.27 2.25 0.00	56.58 1.93 0.00
NEG_PENN_ALLEGHNY 23528	48.30 0.92 0.00	40.16 0.80 0.00	42.29 0.80 0.00	39.90 0.72 0.00	39.72 0.65 0.00	42.93 0.77 0.00	50.75 0.89 0.00	51.97 0.85 0.00	57.56 0.95 0.00	58.59 1.09 0.00	93.29 1.98 0.00	102.39 2.08 0.00	102.01 2.41 0.00	65.74 1.77 0.00	88.22 2.42 0.00	91.06 2.42 0.00	92.13 1.97 0.00	112.02 2.39 0.00	128.20 3.37 0.00	153.83 4.31 0.00	104.89 3.63 0.00	81.89 1.99 0.00	79.68 1.65 0.00	55.87 1.22 0.00
NEG___GEN_MONROE 24207	49.99 2.62 0.00	41.44 2.08 0.00	42.99 1.51 0.00	40.18 1.00 0.00	39.88 0.81 0.00	43.13 0.97 0.00	51.34 1.48 0.00	52.24 1.13 0.00	58.49 1.88 0.00	59.83 2.32 0.00	95.08 3.78 0.00	104.26 3.95 0.00	104.15 4.54 0.00	66.35 2.39 0.00	88.74 2.94 0.00	91.51 2.87 0.00	92.68 2.52 0.00	113.30 3.67 0.00	129.60 4.77 0.00	157.41 7.89 0.00	107.11 5.85 0.00	83.17 3.26 0.00	81.70 3.67 0.00	57.33 2.68 0.00
NEPA___ENERGY 23901	48.27 0.89 0.00	40.12 0.76 0.00	41.77 0.29 0.00	39.09 -0.08 0.00	38.77 -0.30 0.00	41.93 -0.23 0.00	49.86 -0.01 0.00	50.73 -0.38 0.00	56.68 0.07 0.00	57.84 0.33 0.00	91.69 0.38 0.00	100.42 0.11 0.00	99.97 0.37 0.00	63.70 -0.27 0.00	85.30 -0.51 0.00	88.17 -0.47 0.00	89.27 -0.89 0.00	109.26 -0.37 0.00	125.63 0.79 0.00	152.29 2.77 0.00	103.94 2.68 0.00	80.41 0.51 0.00	79.03 1.00 0.00	55.75 1.10 0.00

NEVERSINK___HYD 23608	48.97 1.25 -0.34	40.35 0.99 0.00	42.62 1.14 0.00	40.25 1.07 0.00	40.03 0.96 0.00	43.13 0.98 0.00	50.67 0.80 0.00	51.93 0.81 0.00	57.50 0.90 0.00	58.30 0.80 0.00	92.91 1.61 0.00	102.55 2.24 0.00	100.00 0.40 0.00	64.63 0.67 0.00	86.81 1.00 0.00	90.25 1.61 0.00	92.77 2.61 0.00	112.39 2.76 0.00	127.14 2.30 0.00	151.72 2.20 0.00	103.11 1.85 0.00	81.73 1.82 0.00	79.07 1.04 0.00	55.55 0.90 0.00
NEWKRMKL_115KV_TB1 55635	47.22 0.27 0.42	39.61 0.25 0.00	41.93 0.45 0.00	39.67 0.49 0.00	39.60 0.53 0.00	42.62 0.47 0.00	50.06 0.20 0.00	51.20 0.08 0.00	56.58 -0.03 0.00	57.38 -0.13 0.00	91.29 -0.01 0.00	100.53 0.22 0.00	100.10 0.49 0.00	64.42 0.46 0.00	86.39 0.59 0.00	89.20 0.57 0.00	90.76 0.60 0.00	110.30 0.67 0.00	125.71 0.87 0.00	150.13 0.61 0.00	101.96 0.71 0.00	80.26 0.36 0.00	77.78 -0.25 0.00	54.61 -0.04 0.00
NEWTON___FALLS_HYD 23847	48.29 0.90 0.00	39.78 0.40 -0.02	41.71 0.20 -0.02	39.59 0.41 0.00	39.68 0.61 0.00	43.10 0.92 -0.02	51.64 1.54 -0.24	52.83 1.69 -0.03	58.62 1.89 -0.12	59.38 1.81 -0.07	95.55 2.93 -1.31	104.39 2.58 -1.51	103.23 2.38 -1.25	64.88 0.91 0.00	86.75 0.94 0.00	89.42 0.61 -0.17	90.84 0.68 0.00	110.49 0.86 0.00	126.16 1.33 0.00	152.84 3.20 -0.12	104.24 2.71 -0.27	82.84 2.65 -0.29	81.81 3.06 -0.72	56.65 1.94 -0.05
NGRID_A1_DSASP 323792	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.53 -0.34 0.00	49.98 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.66 0.35 0.00	100.73 0.42 0.00	100.57 0.97 0.00	63.61 -0.36 0.00	85.04 -0.77 0.00	87.47 -1.17 0.00	88.10 -2.06 0.00	107.76 -1.87 0.00	123.29 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.72 -1.19 0.00	77.95 -0.07 0.00	55.17 0.52 0.00
NGRID_A2_DSASP 323793	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.53 -0.34 0.00	49.98 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.66 0.35 0.00	100.73 0.42 0.00	100.57 0.97 0.00	63.61 -0.36 0.00	85.04 -0.77 0.00	87.47 -1.17 0.00	88.10 -2.06 0.00	107.76 -1.87 0.00	123.29 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.72 -1.19 0.00	77.95 -0.07 0.00	55.17 0.52 0.00
NGRID_A4_DSASP 323807	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.53 -0.34 0.00	49.98 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.66 0.35 0.00	100.73 0.42 0.00	100.57 0.97 0.00	63.61 -0.36 0.00	85.04 -0.77 0.00	87.47 -1.17 0.00	88.10 -2.06 0.00	107.76 -1.87 0.00	123.29 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.72 -1.19 0.00	77.95 -0.07 0.00	55.17 0.52 0.00
NIAGARA_115E_LBMP 323715	48.48 1.10 0.00	40.39 1.03 0.00	41.60 0.12 0.00	38.71 -0.47 0.00	38.32 -0.75 0.00	41.43 -0.72 0.00	49.40 -0.46 0.00	49.81 -1.30 0.00	56.00 -0.60 0.00	57.46 -0.05 0.00	91.24 -0.07 0.00	100.36 0.05 0.00	100.29 0.69 0.00	63.43 -0.53 0.00	84.68 -1.13 0.00	87.22 -1.42 0.00	88.33 -1.83 0.00	108.04 -1.59 0.00	123.70 -1.13 0.00	150.72 1.20 0.00	102.64 1.38 0.00	79.11 -0.79 0.00	78.37 0.34 0.00	55.65 1.01 0.00
NIAGARA_115W_LBMP 323714	48.49 1.11 0.00	40.41 1.05 0.00	41.64 0.16 0.00	38.75 -0.43 0.00	38.36 -0.71 0.00	41.44 -0.71 0.00	49.41 -0.45 0.00	49.88 -1.24 0.00	56.09 -0.51 0.00	57.56 0.06 0.00	91.44 0.13 0.00	100.47 0.16 0.00	100.35 0.75 0.00	63.47 -0.50 0.00	84.83 -0.97 0.00	87.26 -1.38 0.00	87.89 -2.27 0.00	107.45 -2.18 0.00	122.93 -1.90 0.00	149.69 0.17 0.00	101.81 0.55 0.00	78.51 -1.40 0.00	77.75 -0.28 0.00	55.03 0.38 0.00
NIAGARA_230_LBMP 323716	48.70 1.32 0.00	40.58 1.22 0.00	41.86 0.38 0.00	38.98 -0.20 0.00	38.60 -0.47 0.00	41.70 -0.45 0.00	49.70 -0.16 0.00	50.19 -0.93 0.00	56.41 -0.20 0.00	57.88 0.37 0.00	91.90 0.59 0.00	100.99 0.68 0.00	100.93 1.33 0.00	63.88 -0.09 0.00	85.41 -0.40 0.00	88.02 -0.62 0.00	88.98 -1.18 0.00	108.80 -0.83 0.00	124.61 -0.23 0.00	151.70 2.18 0.00	103.20 1.94 0.00	79.64 -0.26 0.00	78.72 0.69 0.00	55.69 1.05 0.00
NIAGARA___115KV_198_GIBSON 55903	48.48 1.11 0.00	40.41 1.05 0.00	41.64 0.16 0.00	38.75 -0.43 0.00	38.36 -0.71 0.00	41.44 -0.71 0.00	49.40 -0.46 0.00	49.88 -1.24 0.00	56.09 -0.52 0.00	57.56 0.06 0.00	91.40 0.10 0.00	100.39 0.08 0.00	100.29 0.69 0.00	63.47 -0.50 0.00	84.84 -0.97 0.00	87.26 -1.38 0.00	87.88 -2.28 0.00	107.45 -2.18 0.00	122.93 -1.90 0.00	149.69 0.17 0.00	101.80 0.54 0.00	78.48 -1.43 0.00	77.73 -0.30 0.00	55.03 0.38 0.00
NIAGARA____ 23760	48.70 1.32 0.00	40.58 1.22 0.00	41.86 0.38 0.00	38.98 -0.20 0.00	38.60 -0.47 0.00	41.70 -0.45 0.00	49.70 -0.16 0.00	50.19 -0.93 0.00	56.41 -0.20 0.00	57.88 0.37 0.00	91.90 0.59 0.00	100.99 0.68 0.00	100.93 1.33 0.00	63.88 -0.09 0.00	85.41 -0.40 0.00	88.02 -0.62 0.00	88.98 -1.18 0.00	108.80 -0.83 0.00	124.61 -0.23 0.00	151.70 2.18 0.00	103.20 1.94 0.00	79.64 -0.26 0.00	78.72 0.69 0.00	55.69 1.05 0.00
NINE_MILE_1 23575	46.31 -1.01 0.07	38.06 -0.84 0.45	39.95 -0.97 0.56	38.15 -0.96 0.08	38.08 -0.99 0.00	40.59 -1.05 0.51	42.69 -1.25 5.93	49.11 -1.32 0.68	52.22 -1.39 3.00	54.48 -1.33 1.69	56.16 -2.03 33.12	60.16 -2.24 37.91	66.22 -1.97 31.41	62.73 -1.24 0.00	84.12 -1.69 0.00	82.47 -1.85 4.33	88.12 -2.04 0.00	107.18 -2.46 0.00	122.29 -2.54 0.00	143.83 -2.67 3.02	92.87 -1.52 6.87	71.09 -1.55 7.26	58.33 -1.66 18.03	52.12 -1.16 1.37
NINE_MILE_2 23744	46.30 -1.01 0.07	38.06 -0.84 0.46	39.94 -0.97 0.57	38.15 -0.96 0.08	38.08 -0.99 0.00	40.59 -1.05 0.51	42.64 -1.24 5.98	49.10 -1.32 0.69	52.20 -1.38 3.03	54.47 -1.32 1.71	55.86 -2.03 33.42	59.82 -2.24 38.26	65.93 -1.97 31.70	62.73 -1.24 0.00	84.13 -1.68 0.00	82.42 -1.85 4.37	88.13 -2.03 0.00	107.18 -2.46 0.00	122.29 -2.54 0.00	143.80 -2.67 3.05	92.80 -1.52 6.93	71.02 -1.55 7.33	58.16 -1.66 18.20	52.11 -1.16 1.38
NM_CAPITAL___DRP 24208	47.29 0.38 0.47	39.70 0.35 0.00	42.05 0.57 0.00	39.76 0.59 0.00	39.68 0.61 0.00	42.73 0.58 0.00	50.18 0.32 0.00	51.32 0.20 0.00	56.70 0.09 0.00	57.51 0.00 0.00	91.47 0.17 0.00	100.70 0.39 0.00	100.29 0.69 0.00	64.53 0.57 0.00	86.52 0.71 0.00	89.29 0.65 0.00	90.85 0.69 0.00	110.42 0.79 0.00	125.96 1.12 0.00	150.39 0.87 0.00	102.16 0.91 0.00	80.44 0.54 0.00	77.95 -0.08 0.00	54.76 0.12 0.00
NM_CENTRAL___DRP 24181	47.46 0.08 0.00	39.40 0.03 -0.01	41.43 -0.07 -0.02	39.05 -0.13 0.00	38.91 -0.17 0.00	42.02 -0.15 -0.02	49.89 -0.16 -0.19	50.94 -0.20 -0.02	56.64 -0.05 -0.09	57.66 0.10 -0.05	92.61 0.33 -0.97	101.84 0.42 -1.11	101.32 0.79 -0.92	64.56 0.60 0.00	86.55 0.74 0.00	89.34 0.57 -0.13	90.51 0.35 0.00	110.01 0.38 0.00	125.64 0.81 0.00	151.09 1.47 -0.10	102.87 1.40 -0.22	80.68 0.55 -0.23	78.85 0.25 -0.57	54.80 0.11 -0.04

NM_FRONTIER___DRP 24179	48.48 1.11 0.00	40.41 1.05 0.00	41.64 0.16 0.00	38.75 -0.43 0.00	38.36 -0.71 0.00	41.44 -0.71 0.00	49.40 -0.46 0.00	49.88 -1.24 0.00	56.09 -0.52 0.00	57.56 0.06 0.00	91.40 0.10 0.00	100.39 0.08 0.00	100.29 0.69 0.00	63.47 -0.50 0.00	84.84 -0.97 0.00	87.26 -1.38 0.00	87.88 -2.28 0.00	107.45 -2.18 0.00	122.93 -1.90 0.00	149.69 0.17 0.00	101.80 0.54 0.00	78.48 -1.43 0.00	77.73 -0.30 0.00	55.03 0.38 0.00
NM_ST_REGIS___HYD 24053	47.47 0.09 0.00	39.30 -0.05 0.00	41.25 -0.23 0.00	38.99 -0.19 0.00	39.04 -0.03 0.00	42.27 0.12 0.00	50.51 0.65 0.00	51.97 0.86 0.00	57.41 0.81 0.00	58.16 0.65 0.00	92.14 0.83 0.00	100.62 0.31 0.00	99.63 0.02 0.00	63.49 -0.48 0.00	85.16 -0.65 0.00	87.83 -0.81 0.00	89.37 -0.79 0.00	108.85 -0.79 0.00	123.60 -1.24 0.00	149.10 -0.42 0.00	100.87 -0.38 0.00	80.42 0.52 0.00	79.51 1.48 0.00	55.68 1.03 0.00
NORTHPORT___1 23551	49.97 2.05 -0.55	41.38 2.02 0.00	43.80 2.32 0.00	41.26 2.08 0.00	41.00 1.93 0.00	44.06 1.91 0.00	51.07 1.20 0.00	49.74 0.43 1.81	22.12 0.01 34.50	57.62 0.12 0.01	90.09 0.41 1.62	59.56 2.06 42.81	66.64 1.99 34.95	66.34 2.41 0.03	88.29 2.72 0.23	91.68 3.23 0.19	96.16 3.37 -2.62	113.42 3.56 -0.22	123.49 2.42 3.77	147.68 2.65 4.49	103.60 2.35 0.00	73.41 0.49 6.99	38.78 -0.74 38.50	53.43 0.13 1.35
NORTHPORT___2 23552	49.97 2.05 -0.55	41.38 2.02 0.00	43.80 2.32 0.00	41.26 2.08 0.00	41.00 1.93 0.00	44.06 1.91 0.00	51.07 1.20 0.00	49.74 0.43 1.81	22.12 0.01 34.50	57.62 0.12 0.01	90.09 0.41 1.62	59.56 2.06 42.81	66.64 1.99 34.95	66.34 2.41 0.03	88.29 2.72 0.23	91.68 3.23 0.19	96.16 3.37 -2.62	113.42 3.56 -0.22	123.49 2.42 3.77	147.68 2.65 4.49	103.60 2.35 0.00	73.41 0.49 6.99	38.78 -0.74 38.50	53.43 0.13 1.35
NORTHPORT___3 23553	49.94 2.02 -0.55	41.34 1.98 0.00	43.70 2.22 0.00	41.19 2.02 0.00	40.93 1.86 0.00	44.02 1.87 0.00	50.93 1.07 0.00	49.64 0.32 1.79	22.01 -0.17 34.43	57.46 -0.05 0.00	89.93 0.25 1.62	59.51 1.81 42.62	66.62 1.77 34.76	66.15 2.22 0.03	88.15 2.58 0.24	91.48 3.04 0.20	96.04 3.26 -2.62	113.07 3.21 -0.23	123.25 2.15 3.74	147.42 2.36 4.47	103.34 2.08 0.00	73.17 0.23 6.97	38.71 -0.94 38.38	53.34 0.04 1.34
NORTHPORT___4 23650	49.94 2.02 -0.55	41.34 1.98 0.00	43.70 2.22 0.00	41.19 2.02 0.00	40.93 1.86 0.00	44.02 1.87 0.00	50.93 1.07 0.00	49.64 0.32 1.79	22.01 -0.17 34.43	57.46 -0.05 0.00	89.93 0.25 1.62	59.51 1.81 42.62	66.62 1.77 34.76	66.15 2.22 0.03	88.15 2.58 0.24	91.48 3.04 0.20	96.04 3.26 -2.62	113.07 3.21 -0.23	123.25 2.15 3.74	147.42 2.36 4.47	103.34 2.08 0.00	73.17 0.23 6.97	38.71 -0.94 38.38	53.34 0.04 1.34
NORTHPORT___IC 23718	49.97 2.05 -0.55	41.38 2.02 0.00	43.80 2.32 0.00	41.26 2.08 0.00	41.01 1.93 0.00	44.06 1.91 0.00	51.07 1.20 0.00	49.73 0.42 1.81	22.13 0.02 34.50	57.62 0.12 0.01	90.13 0.44 1.62	59.64 2.14 42.81	66.75 2.10 34.95	66.34 2.41 0.03	88.30 2.72 0.23	91.68 3.24 0.19	96.17 3.39 -2.62	113.43 3.57 -0.22	123.49 2.42 3.77	147.68 2.65 4.49	103.61 2.36 0.00	73.42 0.51 6.99	38.80 -0.72 38.50	53.43 0.13 1.35
NORTH___COUNTRY_ESR 323785	46.38 -1.00 0.00	38.45 -0.91 0.00	40.46 -1.02 0.00	38.19 -0.98 0.00	38.21 -0.86 0.00	41.34 -0.81 0.00	49.43 -0.43 0.00	50.76 -0.36 0.00	56.23 -0.38 0.00	56.94 -0.56 0.00	90.08 -1.22 0.00	98.73 -1.58 0.00	98.02 -1.58 0.00	62.69 -1.27 0.00	84.36 -1.45 0.00	87.43 -1.21 0.00	89.38 -0.78 0.00	109.10 -0.53 0.00	123.88 -0.95 0.00	148.40 -1.12 0.00	100.10 -1.15 0.00	79.50 -0.40 0.00	77.88 -0.14 0.00	54.31 -0.34 0.00
NPX_GEN_1385_PROXY 323591	49.52 1.59 -0.55	40.90 1.54 0.00	43.70 2.22 0.00	41.26 2.09 0.00	41.08 2.01 0.00	43.34 1.89 0.70	50.34 1.32 0.84	51.56 0.75 0.31	22.28 0.17 34.50	57.89 0.39 0.01	90.74 1.05 1.62	60.02 2.51 42.81	67.12 2.46 34.95	67.12 3.19 0.03	89.64 4.07 0.23	93.04 4.59 0.19	96.63 3.85 -2.62	113.29 3.43 -0.22	123.88 2.81 3.77	149.32 4.29 4.49	173.66 4.32 -68.09	74.42 1.50 6.99	39.54 0.01 38.50	53.57 0.28 1.35
NPX_GEN_CSC 323557	50.09 2.17 -0.55	41.41 2.05 0.00	43.75 2.27 0.00	41.19 2.02 0.00	40.89 1.82 0.00	43.24 1.79 0.70	50.22 1.20 0.84	51.43 0.59 0.28	44.37 0.74 12.97	58.31 0.81 0.00	91.05 1.35 1.61	61.10 2.95 42.15	68.35 3.11 34.37	67.09 3.15 0.03	89.24 3.64 0.21	92.79 4.33 0.17	97.67 4.87 -2.64	115.49 5.62 -0.23	125.81 4.67 3.70	150.09 4.97 4.40	104.84 3.59 0.00	74.41 1.29 6.79	40.62 0.14 37.54	53.70 0.38 1.33
NSINS_S_GLNS_FALLS 23858	49.93 3.03 0.48	41.84 2.48 0.00	44.26 2.78 0.00	41.74 2.56 0.00	41.66 2.59 0.00	45.01 2.85 0.00	52.99 3.13 0.00	54.05 2.93 0.00	59.66 3.06 0.00	60.31 2.80 0.00	95.76 4.46 0.00	105.41 5.10 0.00	104.56 4.96 0.00	67.23 3.27 0.00	90.38 4.57 0.00	93.66 5.02 0.00	95.72 5.56 0.00	117.13 7.50 0.00	134.81 9.97 0.00	161.11 11.60 0.00	109.74 8.48 0.00	86.26 6.35 0.00	83.34 5.31 0.00	58.28 3.64 0.00
NUCOR_STEEL___DRP 24197	48.47 1.08 -0.01	40.29 0.89 -0.04	42.31 0.78 -0.05	39.82 0.63 -0.01	39.49 0.43 0.00	42.86 0.67 -0.04	51.21 0.82 -0.52	51.90 0.72 -0.06	57.80 0.93 -0.26	58.60 0.94 -0.15	96.05 1.84 -2.91	105.54 1.89 -3.33	104.64 2.28 -2.76	65.55 1.58 0.00	87.97 2.16 0.00	90.65 1.63 -0.38	91.51 1.35 0.00	111.33 1.70 0.00	127.45 2.62 0.00	153.84 4.05 -0.27	105.12 3.25 -0.61	82.84 2.30 -0.64	81.25 1.63 -1.59	56.01 1.24 -0.12
NUMBER_THREE_WT_PWR 323818	49.08 1.69 0.00	40.21 0.84 -0.02	42.15 0.64 -0.03	40.21 1.03 0.00	40.38 1.31 0.00	43.91 1.74 -0.02	52.61 2.48 -0.27	53.73 2.58 -0.03	59.83 3.08 -0.13	60.70 3.12 -0.08	97.89 5.10 -1.49	106.99 4.98 -1.71	105.94 4.92 -1.41	66.68 2.72 0.00	88.97 3.16 0.00	91.84 3.01 -0.20	93.45 3.29 0.00	113.55 3.91 0.00	130.12 5.28 0.00	157.75 8.10 -0.14	107.91 6.34 -0.31	85.44 5.21 -0.33	83.75 4.92 -0.81	57.76 3.05 -0.06
NYISO_LBMP_REFERENCE 24008	47.38 0.00 0.00	39.36 0.00 0.00	41.48 0.00 0.00	39.18 0.00 0.00	39.07 0.00 0.00	42.15 0.00 0.00	49.86 0.00 0.00	51.12 0.00 0.00	56.60 0.00 0.00	57.50 0.00 0.00	91.30 0.00 0.00	100.31 0.00 0.00	99.60 0.00 0.00	63.97 0.00 0.00	85.81 0.00 0.00	88.64 0.00 0.00	90.16 0.00 0.00	109.63 0.00 0.00	124.83 0.00 0.00	149.52 0.00 0.00	101.26 0.00 0.00	79.90 0.00 0.00	78.03 0.00 0.00	54.65 0.00 0.00
NYPA_BRENTWD____GT 24164	50.86 2.94 -0.55	42.03 2.67 0.00	44.44 2.95 0.00	41.85 2.68 0.00	41.57 2.50 0.00	44.69 2.54 0.00	51.91 2.05 0.00	50.82 1.45 1.74	44.73 1.35 13.22	58.98 1.47 0.00	92.15 2.41 1.57	62.92 3.90 41.29	69.82 3.87 33.65	67.66 3.72 0.03	89.69 4.06 0.18	93.12 4.63 0.15	97.79 4.98 -2.65	115.50 5.64 -0.23	125.89 4.69 3.62	150.49 5.27 4.30	105.30 4.04 0.00	75.46 2.12 6.56	42.75 1.08 36.36	54.63 1.28 1.30

NYPA_GOWANUS____GT5 24156	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.89 3.58 0.00	104.99 4.68 0.00	104.80 5.20 0.00	67.78 3.82 0.00	90.74 4.93 0.00	93.49 4.85 0.00	95.20 5.04 0.00	114.88 5.24 0.00	129.80 5.00 0.03	151.69 5.76 3.58	106.07 4.82 0.01	83.02 3.13 0.01	80.23 2.21 0.01	56.74 2.09 0.00
NYPA_GOWANUS____GT6 24157	50.61 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.43 0.00	41.36 2.29 0.00	44.50 2.35 0.00	52.04 2.18 0.00	53.25 2.13 0.00	58.84 2.24 0.00	59.66 2.15 0.00	94.89 3.58 0.00	104.99 4.68 0.00	104.80 5.20 0.00	67.78 3.82 0.00	90.74 4.93 0.00	93.49 4.85 0.00	95.20 5.04 0.00	114.88 5.24 0.00	129.80 5.00 0.03	151.69 5.76 3.58	106.07 4.82 0.01	83.02 3.13 0.01	80.23 2.21 0.01	56.74 2.09 0.00
NYPA_HARLEM__RVR__GT1 24160	50.52 2.59 -0.55	41.68 2.32 0.00	44.04 2.56 0.00	41.57 2.39 0.00	41.34 2.27 0.00	44.44 2.29 0.00	52.11 2.25 0.00	53.32 2.21 0.00	58.85 2.24 0.00	59.69 2.18 0.00	94.98 3.68 0.00	105.11 4.80 0.00	104.90 5.29 0.00	67.90 3.93 0.00	90.87 5.06 0.00	93.96 5.32 0.00	95.53 5.37 0.00	115.39 5.76 0.00	130.22 5.39 0.01	155.73 6.21 -0.01	105.94 4.68 -0.01	82.87 2.96 -0.01	80.15 2.11 -0.01	56.69 2.03 0.00
NYPA_HARLEM__RVR__GT2 24161	50.52 2.59 -0.55	41.68 2.32 0.00	44.04 2.56 0.00	41.57 2.39 0.00	41.34 2.27 0.00	44.44 2.29 0.00	52.11 2.25 0.00	53.32 2.21 0.00	58.85 2.24 0.00	59.69 2.18 0.00	94.98 3.68 0.00	105.11 4.80 0.00	104.90 5.29 0.00	67.90 3.93 0.00	90.87 5.06 0.00	93.96 5.32 0.00	95.53 5.37 0.00	115.39 5.76 0.00	130.22 5.39 0.01	155.73 6.21 -0.01	105.94 4.68 -0.01	82.87 2.96 -0.01	80.15 2.11 -0.01	56.69 2.03 0.00
NYPA_KENT____GT 24152	50.49 2.57 -0.55	41.66 2.31 0.00	44.05 2.57 0.00	41.56 2.39 0.00	41.33 2.26 0.00	44.49 2.34 0.00	52.05 2.19 0.00	53.24 2.12 0.00	58.82 2.21 0.00	59.61 2.11 0.00	94.88 3.57 0.00	104.98 4.67 0.00	104.76 5.16 0.00	67.78 3.81 0.00	90.74 4.93 0.00	93.60 4.96 0.00	95.24 5.08 0.00	114.98 5.34 0.00	129.84 5.03 0.03	151.96 5.77 3.33	105.77 4.64 0.13	76.91 2.97 5.96	74.25 2.05 5.82	55.34 1.99 1.30
NYPA_POUCH1____GT 24155	50.49 2.57 -0.55	41.69 2.33 0.00	44.02 2.54 0.00	41.53 2.35 0.00	41.28 2.21 0.00	44.41 2.25 0.00	51.73 1.97 0.11	52.53 1.88 0.47	53.41 1.93 5.12	54.92 1.83 4.42	87.91 3.10 6.50	98.11 4.17 6.37	96.42 4.69 7.88	67.41 3.48 0.04	71.72 4.49 18.58	93.04 4.40 0.00	94.83 4.67 0.00	114.41 4.77 0.00	129.27 4.46 0.03	151.21 5.28 3.58	105.73 4.48 0.01	82.81 2.91 0.01	80.02 2.00 0.01	56.60 1.95 0.00
NYPA_VERNON____GT2 24162	50.39 2.46 -0.55	41.57 2.21 0.00	44.01 2.53 0.00	41.53 2.35 0.00	41.31 2.24 0.00	44.46 2.31 0.00	52.06 2.20 0.00	53.23 2.11 0.00	58.78 2.17 0.00	59.64 2.14 0.00	94.91 3.60 0.00	105.00 4.69 0.00	104.78 5.18 0.00	67.81 3.85 0.00	90.79 4.99 0.00	93.77 5.13 0.00	95.39 5.23 0.00	115.19 5.56 0.00	130.00 5.19 0.03	152.34 5.90 3.08	105.56 4.54 0.24	70.85 2.87 11.92	68.34 1.94 11.63	53.93 1.88 2.60
NYPA_VERNON____GT3 24163	50.39 2.46 -0.55	41.57 2.21 0.00	44.01 2.53 0.00	41.53 2.35 0.00	41.31 2.24 0.00	44.46 2.31 0.00	52.06 2.20 0.00	53.23 2.11 0.00	58.78 2.17 0.00	59.64 2.14 0.00	94.91 3.60 0.00	105.00 4.69 0.00	104.78 5.18 0.00	67.81 3.85 0.00	90.79 4.99 0.00	93.77 5.13 0.00	95.39 5.23 0.00	115.19 5.56 0.00	130.00 5.19 0.03	152.34 5.90 3.08	105.56 4.54 0.24	70.85 2.87 11.92	68.34 1.94 11.63	53.93 1.88 2.60
NYPA____ASTORIA_CC1 323568	50.31 2.38 -0.55	41.52 2.16 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.99 2.12 0.00	53.16 2.04 0.00	58.69 2.09 0.00	59.55 2.04 0.00	94.75 3.45 0.00	104.83 4.52 0.00	104.60 5.00 0.00	67.72 3.76 0.00	90.65 4.84 0.00	93.65 5.01 0.00	95.24 5.08 0.00	115.00 5.36 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.62 2.71 16.99	63.24 1.80 16.59	52.72 1.78 3.70
NYPA____ASTORIA_CC2 323569	50.31 2.38 -0.55	41.52 2.16 0.00	43.95 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.39 2.24 0.00	51.99 2.12 0.00	53.16 2.04 0.00	58.69 2.09 0.00	59.55 2.04 0.00	94.75 3.45 0.00	104.83 4.52 0.00	104.60 5.00 0.00	67.72 3.76 0.00	90.65 4.84 0.00	93.65 5.01 0.00	95.24 5.08 0.00	115.00 5.36 0.00	129.81 5.00 0.03	151.57 5.64 3.58	105.27 4.36 0.35	65.62 2.71 16.99	63.24 1.80 16.59	52.72 1.78 3.70
NYPA____HOLTSVILL 23794	50.32 2.39 -0.55	41.61 2.25 0.00	43.97 2.49 0.00	41.42 2.24 0.00	41.13 2.06 0.00	44.20 2.05 0.00	51.35 1.49 0.00	50.18 0.84 1.78	44.50 0.79 12.90	58.38 0.88 0.00	91.19 1.49 1.61	61.23 3.13 42.21	68.41 3.23 34.42	67.15 3.21 0.03	89.32 3.72 0.21	92.77 4.31 0.18	97.51 4.71 -2.63	115.13 5.26 -0.23	125.47 4.34 3.70	149.82 4.71 4.41	104.84 3.58 0.00	74.51 1.42 6.81	40.66 0.26 37.63	53.94 0.62 1.33
NYPA____HELLGATE_GT1 24158	50.52 2.59 -0.55	41.68 2.32 0.00	44.04 2.56 0.00	41.57 2.39 0.00	41.34 2.27 0.00	44.44 2.29 0.00	52.11 2.25 0.00	53.32 2.21 0.00	58.86 2.26 0.00	59.69 2.18 0.00	94.98 3.68 0.00	105.11 4.80 0.00	104.90 5.29 0.00	67.90 3.93 0.00	90.87 5.06 0.00	93.96 5.32 0.00	95.53 5.37 0.00	115.39 5.76 0.00	130.22 5.39 0.01	155.73 6.21 -0.01	105.94 4.68 -0.01	82.87 2.96 -0.01	80.15 2.11 -0.01	56.69 2.03 0.00
NYPA____HELLGATE_GT2 24159	50.52 2.59 -0.55	41.68 2.32 0.00	44.04 2.56 0.00	41.57 2.39 0.00	41.34 2.27 0.00	44.44 2.29 0.00	52.11 2.25 0.00	53.32 2.21 0.00	58.86 2.26 0.00	59.69 2.18 0.00	94.98 3.68 0.00	105.11 4.80 0.00	104.90 5.29 0.00	67.90 3.93 0.00	90.87 5.06 0.00	93.96 5.32 0.00	95.53 5.37 0.00	115.39 5.76 0.00	130.22 5.39 0.01	155.73 6.21 -0.01	105.94 4.68 -0.01	82.87 2.96 -0.01	80.15 2.11 -0.01	56.69 2.03 0.00
NYS_BARGE____HYD 23848	49.05 1.67 0.00	40.82 1.46 0.00	42.07 0.59 0.00	39.14 -0.04 0.00	38.75 -0.32 0.00	41.90 -0.25 0.00	49.99 0.12 0.00	50.48 -0.63 0.00	56.75 0.14 0.00	58.20 0.69 0.00	92.43 1.13 0.00	101.61 1.30 0.00	101.44 1.84 0.00	64.18 0.21 0.00	85.70 -0.11 0.00	88.27 -0.37 0.00	89.39 -0.77 0.00	109.38 -0.25 0.00	125.37 0.53 0.00	152.80 3.28 0.00	104.13 2.88 0.00	80.25 0.34 0.00	79.41 1.39 0.00	56.24 1.60 0.00
OAK ORCHARD____HYD 24046	49.44 2.06 0.00	41.04 1.69 0.00	42.63 1.15 0.00	39.88 0.71 0.00	39.60 0.52 0.00	42.79 0.64 0.00	50.91 1.04 0.00	51.83 0.72 0.00	58.04 1.43 0.00	59.39 1.88 0.00	94.41 3.11 0.00	103.63 3.32 0.00	103.50 3.90 0.00	65.94 1.97 0.00	88.24 2.43 0.00	91.05 2.41 0.00	92.15 1.99 0.00	112.52 2.88 0.00	128.76 3.93 0.00	155.97 6.46 0.00	106.07 4.81 0.00	82.46 2.56 0.00	80.81 2.79 0.00	56.71 2.07 0.00

OAKDALE___35_KV_LOAD 356122	48.07 0.69 0.00	39.95 0.59 0.00	42.09 0.61 0.00	39.72 0.54 0.00	39.53 0.46 0.00	42.72 0.57 0.00	50.47 0.61 0.00	51.66 0.54 0.00	57.21 0.61 0.00	58.22 0.71 0.00	92.71 1.41 0.00	101.71 1.40 0.00	101.30 1.70 0.00	65.28 1.31 0.00	87.61 1.80 0.00	90.38 1.74 0.00	91.49 1.33 0.00	111.25 1.62 0.00	127.32 2.48 0.00	152.75 3.23 0.00	104.14 2.89 0.00	81.35 1.45 0.00	79.21 1.18 0.00	55.54 0.89 0.00
OCC_CHEM___DRP 24175	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.51 -0.36 0.00	49.99 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.61 0.31 0.00	100.64 0.33 0.00	100.52 0.91 0.00	63.61 -0.36 0.00	85.03 -0.78 0.00	87.47 -1.16 0.00	88.11 -2.05 0.00	107.76 -1.87 0.00	123.30 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.68 -1.22 0.00	77.93 -0.09 0.00	55.17 0.52 0.00
OH_GEN_PROXY 24063	48.66 1.29 0.00	40.55 1.19 0.00	41.84 0.36 0.00	38.97 -0.21 0.00	38.59 -0.48 0.00	41.00 -0.45 0.70	48.86 -0.16 0.84	51.74 -0.87 -1.50	56.47 -0.14 0.00	57.90 0.39 0.00	91.97 0.66 0.00	7.04 0.73 94.00	100.98 1.38 0.00	63.95 -0.02 0.00	51.71 -0.30 33.79	88.15 -0.49 0.00	89.11 -1.05 0.00	108.98 -0.66 0.00	83.71 -0.05 41.08	151.92 2.40 0.00	103.35 2.10 0.00	79.75 -0.15 0.00	78.80 0.77 0.00	95.01 1.05 -39.32
OLIN_CORP_DRP 24177	48.59 1.21 0.00	40.48 1.12 0.00	41.71 0.23 0.00	38.80 -0.38 0.00	38.42 -0.65 0.00	41.53 -0.62 0.00	49.51 -0.35 0.00	49.93 -1.18 0.00	56.13 -0.48 0.00	57.60 0.09 0.00	91.45 0.14 0.00	100.55 0.23 0.00	100.51 0.91 0.00	63.61 -0.36 0.00	84.94 -0.87 0.00	87.49 -1.15 0.00	88.59 -1.57 0.00	108.35 -1.28 0.00	124.06 -0.78 0.00	151.14 1.62 0.00	102.87 1.61 0.00	79.28 -0.62 0.00	78.53 0.50 0.00	55.74 1.10 0.00
OLIN_CORP_DSASP 323712	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.53 -0.34 0.00	49.98 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.66 0.35 0.00	100.73 0.42 0.00	100.57 0.97 0.00	63.61 -0.36 0.00	85.04 -0.77 0.00	87.47 -1.17 0.00	88.10 -2.06 0.00	107.76 -1.87 0.00	123.29 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.72 -1.19 0.00	77.95 -0.07 0.00	55.17 0.52 0.00
ONEIDA_HERK_LFGE 323681	48.97 1.59 0.00	40.42 1.07 0.00	42.50 1.02 0.00	40.30 1.12 0.00	40.31 1.24 0.00	43.65 1.50 0.00	51.83 1.97 0.00	53.16 2.04 0.00	59.02 2.42 0.00	59.97 2.46 0.00	95.28 3.97 0.00	104.42 4.10 0.00	103.70 4.10 0.00	66.59 2.62 0.00	89.09 3.28 0.00	91.86 3.22 0.00	93.59 3.43 0.00	113.68 4.05 0.00	130.03 5.20 0.00	156.73 7.21 0.00	106.72 5.47 0.00	84.11 4.21 0.00	81.85 3.82 0.00	57.05 2.40 0.00
ONEIDA___115KV_TB4 55905	49.13 1.75 0.00	40.73 1.37 0.00	42.87 1.39 0.00	40.51 1.33 0.00	40.42 1.34 0.00	43.71 1.56 0.00	51.79 1.93 0.00	53.08 1.97 0.00	58.87 2.26 0.00	59.85 2.35 0.00	95.08 3.77 0.00	104.46 4.14 0.00	103.82 4.22 0.00	66.92 2.96 0.00	89.65 3.85 0.00	92.43 3.79 0.00	94.23 4.08 0.00	114.26 4.62 0.00	130.60 5.77 0.00	157.20 7.68 0.00	107.14 5.89 0.00	84.17 4.27 0.00	81.77 3.74 0.00	57.04 2.40 0.00
ONONDAGA_REF_OCCRA 23987	47.74 0.36 0.00	39.63 0.26 -0.01	41.69 0.19 -0.02	39.30 0.12 0.00	39.15 0.08 0.00	42.29 0.13 -0.02	50.22 0.17 -0.19	51.28 0.14 -0.02	56.97 0.27 -0.09	57.96 0.41 -0.05	93.13 0.80 -1.02	102.36 0.88 -1.17	101.91 1.33 -0.97	64.95 0.98 0.00	87.13 1.33 0.00	89.90 1.12 -0.14	91.11 0.96 0.00	110.73 1.09 0.00	126.56 1.73 0.00	152.20 2.59 -0.10	103.71 2.23 -0.22	81.31 1.18 -0.23	79.42 0.82 -0.58	55.18 0.48 -0.04
ONONDAGA___COGEN 23986	47.47 0.08 -0.01	39.46 0.06 -0.05	41.49 -0.05 -0.06	39.08 -0.11 -0.01	38.92 -0.16 0.00	42.09 -0.12 -0.05	50.36 -0.13 -0.63	51.03 -0.16 -0.07	56.85 -0.07 -0.31	57.73 0.05 -0.18	95.04 0.26 -3.48	104.55 0.25 -3.99	103.56 0.66 -3.30	64.48 0.52 0.00	86.53 0.72 0.00	89.60 0.50 -0.46	90.48 0.32 0.00	110.00 0.36 0.00	125.69 0.85 0.00	151.38 1.54 -0.32	103.44 1.46 -0.72	81.33 0.66 -0.77	80.22 0.29 -1.90	54.94 0.15 -0.14
ONTARIO___LFGE 23819	49.34 1.96 0.00	41.01 1.64 -0.02	42.91 1.41 -0.02	40.27 1.09 0.00	40.05 0.98 0.00	43.35 1.18 -0.02	51.59 1.49 -0.24	52.50 1.36 -0.03	58.24 1.52 -0.12	59.31 1.73 -0.07	95.71 3.09 -1.31	104.73 2.92 -1.50	104.53 3.69 -1.25	66.54 2.57 0.00	88.99 3.18 0.00	91.99 3.18 -0.17	92.92 2.76 0.00	113.01 3.38 0.00	129.62 4.79 0.00	156.16 6.52 -0.12	107.10 5.57 -0.27	83.61 3.42 -0.29	81.72 2.97 -0.72	57.00 2.30 -0.05
ORANGEVILLE_WT_PWR 323706	49.24 1.87 0.00	40.99 1.64 0.00	42.53 1.05 0.00	39.71 0.53 0.00	39.41 0.34 0.00	42.65 0.50 0.00	50.71 0.85 0.00	51.34 0.85 0.00	57.38 0.77 0.00	58.80 1.30 0.00	93.55 2.25 0.00	102.69 2.38 0.00	102.48 2.88 0.00	65.10 1.13 0.00	86.85 1.04 0.00	89.76 1.12 0.00	90.57 0.41 0.00	110.94 1.31 0.00	127.31 2.48 0.00	154.93 5.41 0.00	105.98 4.72 0.00	81.82 1.92 0.00	80.53 2.50 0.00	56.77 2.12 0.00
ORANGEVILLE___ESR 323794	49.24 1.87 0.00	40.99 1.64 0.00	42.53 1.05 0.00	39.71 0.53 0.00	39.41 0.34 0.00	42.65 0.50 0.00	50.71 0.85 0.00	51.34 0.85 0.00	57.38 0.77 0.00	58.80 1.30 0.00	93.55 2.25 0.00	102.69 2.38 0.00	102.48 2.88 0.00	65.10 1.13 0.00	86.85 1.04 0.00	89.76 1.12 0.00	90.57 0.41 0.00	110.94 1.31 0.00	127.31 2.48 0.00	154.93 5.41 0.00	105.98 4.72 0.00	81.82 1.92 0.00	80.53 2.50 0.00	56.77 2.12 0.00
OSWEGATCHIE___HYD 24044	48.29 0.90 0.00	39.78 0.40 -0.02	41.71 0.20 -0.02	39.59 0.41 0.00	39.68 0.61 0.00	43.10 0.92 -0.02	51.64 1.54 -0.24	52.83 1.69 -0.03	58.61 1.89 -0.12	59.38 1.81 -0.07	95.56 2.94 -1.31	104.39 2.57 -1.51	103.22 2.37 -1.25	64.87 0.91 0.00	86.75 0.94 0.00	89.42 0.61 -0.17	90.84 0.68 0.00	110.50 0.86 0.00	126.16 1.33 0.00	152.84 3.20 -0.12	104.24 2.71 -0.27	82.84 2.65 -0.29	81.81 3.06 -0.72	56.64 1.94 -0.05
OSWEGO___5 23606	46.79 -0.63 -0.04	39.12 -0.53 -0.29	41.20 -0.65 -0.36	38.57 -0.65 -0.05	38.38 -0.69 0.00	41.75 -0.72 -0.32	52.80 -0.85 -3.78	50.64 -0.92 -0.44	57.59 -0.93 -1.91	57.71 -0.87 -1.08	111.17 -1.28 -21.14	123.09 -1.42 -24.20	118.49 -1.16 -20.05	63.27 -0.70 0.00	84.84 -0.97 0.00	90.27 -1.13 -2.76	88.84 -1.32 0.00	108.05 -1.59 0.00	123.35 -1.49 0.00	150.04 -1.41 -1.93	105.00 -0.64 -4.38	83.66 -0.88 -4.64	88.51 -1.03 -11.51	54.80 -0.72 -0.87
OSWEGO___6 23613	46.79 -0.63 -0.04	39.12 -0.53 -0.29	41.20 -0.65 -0.36	38.57 -0.65 -0.05	38.38 -0.69 0.00	41.75 -0.72 -0.32	52.80 -0.85 -3.78	50.64 -0.92 -0.44	57.59 -0.93 -1.91	57.71 -0.87 -1.08	111.17 -1.28 -21.14	123.09 -1.42 -24.20	118.49 -1.16 -20.05	63.27 -0.70 0.00	84.84 -0.97 0.00	90.27 -1.13 -2.76	88.84 -1.32 0.00	108.05 -1.59 0.00	123.35 -1.49 0.00	150.04 -1.41 -1.93	105.00 -0.64 -4.38	83.66 -0.88 -4.64	88.51 -1.03 -11.51	54.80 -0.72 -0.87

OUTOKUMPU-AB___DRP 24206	49.66 2.28 0.00	41.34 1.98 0.00	42.60 1.11 0.00	39.64 0.46 0.00	39.23 0.16 0.00	42.44 0.29 0.00	50.61 0.75 0.00	51.07 -0.04 0.00	57.46 0.86 0.00	59.03 1.52 0.00	93.71 2.41 0.00	103.08 2.77 0.00	102.62 3.02 0.00	64.99 1.03 0.00	86.86 1.06 0.00	89.51 0.87 0.00	90.55 0.39 0.00	110.89 1.26 0.00	127.01 2.18 0.00	154.72 5.20 0.00	105.31 4.05 0.00	80.99 1.09 0.00	80.03 2.00 0.00	56.59 1.94 0.00
OXBOW___BTM 323836	49.17 1.79 0.00	40.94 1.58 0.00	42.18 0.70 0.00	39.25 0.07 0.00	38.85 -0.22 0.00	42.00 -0.15 0.00	50.08 0.22 0.00	50.56 -0.56 0.00	56.88 0.27 0.00	58.42 0.91 0.00	92.81 1.51 0.00	102.06 1.75 0.00	101.41 1.81 0.00	64.16 0.20 0.00	85.77 -0.04 0.00	88.30 -0.34 0.00	89.16 -1.00 0.00	109.12 -0.51 0.00	124.93 0.10 0.00	152.13 2.61 0.00	103.55 2.30 0.00	79.71 -0.19 0.00	78.85 0.83 0.00	55.89 1.24 0.00
OXBOW___ 24026	49.17 1.79 0.00	40.95 1.59 0.00	42.18 0.70 0.00	39.25 0.07 0.00	38.85 -0.22 0.00	42.00 -0.15 0.00	50.07 0.21 0.00	50.56 -0.56 0.00	56.88 0.27 0.00	58.42 0.91 0.00	92.77 1.47 0.00	101.99 1.68 0.00	101.33 1.73 0.00	64.16 0.19 0.00	85.76 -0.04 0.00	88.30 -0.33 0.00	89.16 -1.00 0.00	109.12 -0.51 0.00	124.94 0.11 0.00	152.13 2.61 0.00	103.55 2.29 0.00	79.67 -0.23 0.00	78.84 0.81 0.00	55.88 1.23 0.00
OXY_CHEM_DSASP 323612	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.51 -0.36 0.00	49.99 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.61 0.31 0.00	100.64 0.33 0.00	100.52 0.91 0.00	63.61 -0.36 0.00	85.03 -0.78 0.00	87.47 -1.16 0.00	88.11 -2.05 0.00	107.76 -1.87 0.00	123.30 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.68 -1.22 0.00	77.93 -0.09 0.00	55.17 0.52 0.00
OZONE_PARK_ESR 323760	51.02 3.10 -0.55	41.96 2.61 0.00	44.37 2.89 0.00	41.86 2.69 0.00	41.63 2.56 0.00	44.82 2.67 0.00	52.59 2.73 0.00	53.83 2.71 0.00	59.51 2.90 0.00	60.39 2.88 0.00	96.17 4.87 0.00	106.40 6.10 0.00	106.15 6.54 0.00	68.67 4.71 0.00	92.01 6.20 0.00	95.13 6.49 0.00	96.76 6.60 0.00	116.92 7.28 0.00	132.09 7.25 0.00	157.92 8.40 0.00	107.52 6.27 0.00	84.11 4.21 0.00	81.25 3.22 0.00	57.37 2.72 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.51 -0.36 0.00	49.99 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.61 0.31 0.00	100.64 0.33 0.00	100.52 0.91 0.00	63.61 -0.36 0.00	85.03 -0.78 0.00	87.47 -1.16 0.00	88.11 -2.05 0.00	107.76 -1.87 0.00	123.30 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.68 -1.22 0.00	77.93 -0.09 0.00	55.17 0.52 0.00
PACKARD___115KV_DUPONT_184 80571	48.60 1.22 0.00	40.50 1.15 0.00	41.73 0.25 0.00	38.83 -0.35 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.51 -0.36 0.00	49.99 -1.13 0.00	56.23 -0.38 0.00	57.71 0.20 0.00	91.61 0.31 0.00	100.64 0.33 0.00	100.52 0.91 0.00	63.61 -0.36 0.00	85.03 -0.78 0.00	87.47 -1.16 0.00	88.11 -2.05 0.00	107.76 -1.87 0.00	123.30 -1.54 0.00	150.12 0.60 0.00	102.09 0.83 0.00	78.68 -1.22 0.00	77.93 -0.09 0.00	55.17 0.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.50 2.58 -0.55	41.65 2.29 0.00	44.01 2.53 0.00	41.54 2.37 0.00	41.31 2.24 0.00	44.44 2.29 0.00	52.09 2.22 0.00	53.31 2.19 0.00	58.89 2.28 0.00	59.75 2.24 0.00	95.10 3.79 0.00	105.19 4.88 0.00	104.99 5.39 0.00	67.93 3.97 0.00	90.93 5.12 0.00	94.01 5.37 0.00	95.59 5.43 0.00	115.48 5.85 0.00	130.36 5.53 0.01	155.90 6.37 0.00	106.11 4.85 -0.01	83.02 3.11 -0.01	80.21 2.18 -0.01	56.68 2.03 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.25 4.33 -0.55	43.08 3.72 0.00	45.53 4.05 0.00	42.96 3.78 0.00	42.74 3.66 0.00	46.00 3.85 0.00	54.08 4.22 0.00	55.36 4.25 0.00	61.09 4.48 0.00	61.98 4.48 0.00	98.47 7.17 0.00	108.99 8.68 0.00	108.72 9.11 0.00	70.29 6.32 0.00	94.04 8.23 0.00	97.31 8.67 0.00	98.97 8.81 0.00	119.52 9.89 0.00	134.92 10.10 0.01	161.25 11.73 0.00	109.65 8.39 -0.01	85.72 5.81 -0.01	82.91 4.88 -0.01	58.59 3.94 0.00
PATROON___115KV_TB1 80586	47.41 0.47 0.44	39.77 0.42 0.00	42.11 0.63 0.00	39.83 0.65 0.00	39.76 0.69 0.00	42.81 0.66 0.00	50.28 0.42 0.00	51.41 0.30 0.00	56.85 0.24 0.00	57.64 0.13 0.00	91.74 0.43 0.00	101.01 0.70 0.00	100.60 0.99 0.00	64.73 0.76 0.00	86.82 1.02 0.00	89.66 1.02 0.00	91.24 1.07 0.00	110.89 1.25 0.00	126.36 1.53 0.00	150.88 1.36 0.00	102.49 1.23 0.00	80.65 0.75 0.00	78.16 0.13 0.00	54.84 0.20 0.00
PATTRSNVILLE___SOLAR 323815	48.93 1.91 0.35	40.94 1.58 0.00	43.23 1.75 0.00	40.85 1.67 0.00	40.71 1.64 0.00	43.94 1.79 0.00	51.81 1.94 0.00	52.89 1.78 0.00	58.32 1.71 0.00	58.80 1.30 0.00	93.56 2.26 0.00	103.03 2.72 0.00	102.04 2.43 0.00	65.34 1.38 0.00	88.02 2.22 0.00	91.07 2.43 0.00	93.13 2.97 0.00	113.92 4.28 0.00	130.16 5.33 0.00	156.10 6.59 0.00	106.12 4.87 0.00	83.49 3.58 0.00	81.11 3.08 0.00	56.82 2.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.74 2.37 0.00	41.36 2.00 0.00	42.71 1.23 0.00	39.80 0.62 0.00	39.43 0.35 0.00	42.65 0.50 0.00	50.84 0.98 0.00	51.58 0.47 0.00	57.98 1.38 0.00	59.45 1.94 0.00	94.40 3.09 0.00	103.67 3.36 0.00	103.60 4.00 0.00	65.73 1.76 0.00	87.92 2.11 0.00	90.81 2.17 0.00	92.17 2.01 0.00	113.02 3.39 0.00	129.54 4.70 0.00	157.61 8.09 0.00	107.31 6.05 0.00	82.42 2.52 0.00	81.12 3.09 0.00	57.16 2.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.50 2.64 -0.48	41.58 2.22 0.00	43.94 2.46 0.00	41.48 2.30 0.00	41.27 2.20 0.00	44.47 2.33 0.00	52.24 2.38 0.00	53.53 2.42 0.00	59.25 2.64 0.00	60.16 2.66 0.00	95.82 4.51 0.00	106.00 5.69 0.00	105.67 6.07 0.00	68.36 4.39 0.00	91.64 5.83 0.00	94.80 6.16 0.00	96.41 6.25 0.00	116.67 7.04 0.00	132.11 7.28 0.00	157.78 8.26 0.00	107.13 5.88 0.00	83.76 3.85 0.00	80.98 2.95 0.00	56.95 2.30 0.00
PEEKSKILL___ 23653	50.03 2.11 -0.54	41.15 1.79 0.00	43.53 2.04 0.00	41.08 1.91 0.00	40.87 1.80 0.00	44.01 1.86 0.00	51.63 1.76 0.00	52.85 1.73 0.00	58.41 1.80 0.00	59.28 1.78 0.00	94.33 3.03 0.00	104.31 4.00 0.00	103.91 4.30 0.00	67.16 3.19 0.00	90.01 4.20 0.00	93.16 4.52 0.00	94.74 4.58 0.00	114.61 4.98 0.00	129.73 4.89 0.00	154.98 5.46 0.00	105.45 4.19 0.00	82.59 2.68 0.00	79.87 1.85 0.00	56.34 1.69 0.00
PGE MADISON___WINDPWR 24146	51.14 3.76 0.00	42.62 3.26 0.00	44.87 3.39 0.00	42.25 3.07 0.00	42.09 3.02 0.00	45.76 3.61 0.00	54.29 4.43 0.00	55.81 4.70 0.00	62.10 5.49 0.00	63.09 5.58 0.00	100.26 8.95 0.00	109.83 9.51 0.00	109.21 9.61 0.00	70.66 6.69 0.00	95.62 9.81 0.00	98.22 9.57 0.00	99.04 8.88 0.00	121.85 12.22 0.00	140.33 15.49 0.00	168.47 18.95 0.00	114.84 13.58 0.00	89.54 9.63 0.00	86.72 8.69 0.00	60.31 5.66 0.00

PIERCEFIELD___HYD 23852	47.52 0.14 0.00	39.35 -0.01 0.00	41.27 -0.21 0.00	39.03 -0.15 0.00	39.08 0.01 0.00	42.31 0.16 0.00	50.54 0.68 0.00	52.01 0.89 0.00	57.45 0.85 0.00	58.20 0.69 0.00	92.24 0.94 0.00	100.69 0.38 0.00	99.61 0.01 0.00	63.41 -0.55 0.00	85.02 -0.78 0.00	87.51 -1.13 0.00	89.00 -1.16 0.00	108.32 -1.32 0.00	123.02 -1.81 0.00	148.41 -1.11 0.00	100.42 -0.83 0.00	80.07 0.17 0.00	79.42 1.40 0.00	55.68 1.03 0.00
PINELAWN_CC_1 323563	50.80 2.87 -0.55	41.96 2.60 0.00	44.33 2.85 0.00	41.74 2.57 0.00	41.48 2.40 0.00	44.59 2.44 0.00	51.89 2.03 0.00	51.03 1.49 1.58	47.16 1.36 10.81	58.76 1.26 0.00	91.71 1.82 1.41	66.26 3.24 37.29	71.72 3.23 31.11	66.92 2.98 0.02	89.17 3.47 0.11	92.62 4.08 0.09	97.26 4.42 -2.68	114.80 4.94 -0.23	125.42 3.94 3.35	150.06 4.44 3.89	104.69 3.44 0.00	75.92 1.33 5.32	48.17 0.37 30.23	54.23 0.76 1.18
PJM_GEN_HTTP_PROXY 323702	50.36 2.44 -0.55	41.46 2.11 0.00	43.87 2.39 0.00	41.40 2.23 0.00	41.18 2.11 0.00	44.18 2.20 0.17	52.68 2.16 -0.66	53.56 2.11 -0.33	60.95 2.22 -2.12	59.68 2.18 0.00	95.01 3.70 0.00	105.09 4.78 0.00	104.81 5.20 0.00	66.88 3.85 0.93	90.85 5.04 0.00	93.89 5.25 0.00	95.48 5.32 0.00	115.39 5.76 0.00	130.39 5.56 0.00	148.91 6.32 6.93	106.08 4.83 0.00	83.02 3.12 0.00	80.21 2.18 0.00	56.64 2.00 0.00
PJM_GEN_KEystone 24065	48.52 1.42 0.28	40.54 1.18 0.00	42.56 1.08 0.00	40.01 0.84 0.00	39.72 0.65 0.00	41.47 0.68 1.37	51.22 0.72 -0.65	51.94 0.53 -0.30	59.14 0.77 -1.76	58.08 0.88 0.31	92.30 1.45 0.46	101.69 1.82 0.45	101.13 2.08 0.55	64.32 1.29 0.94	86.12 1.62 1.30	90.46 1.83 0.00	91.82 1.66 0.00	111.64 2.01 0.00	127.27 2.44 0.00	145.87 3.53 7.18	104.32 3.06 0.00	81.28 1.38 0.00	79.21 1.18 0.00	55.91 1.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	50.32 2.40 -0.55	41.51 2.15 0.00	43.87 2.38 0.00	41.35 2.18 0.00	41.09 2.02 0.00	44.02 2.05 0.17	52.12 1.60 -0.66	50.66 1.13 1.58	47.47 0.96 10.10	58.55 1.04 0.00	91.47 1.94 1.77	58.05 3.38 45.64	66.35 3.57 36.82	66.20 3.21 0.98	89.52 4.00 0.29	92.81 4.41 0.24	97.34 4.58 -2.60	114.73 4.94 -0.15	125.04 4.16 3.96	142.60 4.79 11.71	105.09 3.83 0.00	73.88 1.74 7.76	36.17 0.54 42.39	54.07 0.86 1.43
PJM_GEN_VFT_PROXY 323633	50.13 2.20 -0.55	41.29 1.93 0.00	43.68 2.21 0.00	41.22 2.05 0.00	41.00 1.93 0.00	43.95 1.98 0.17	52.26 1.85 -0.54	52.80 1.82 0.13	55.46 1.85 3.00	54.86 1.77 4.41	87.86 3.05 6.49	98.07 4.11 6.36	96.26 4.52 7.87	66.43 3.43 0.97	71.67 4.44 18.57	93.26 4.63 0.00	94.82 4.66 0.00	114.54 4.91 0.00	129.39 4.59 0.04	144.18 5.18 10.52	105.36 4.11 0.01	82.50 2.61 0.01	79.67 1.65 0.02	56.35 1.70 0.00
PLATSBURG_115KV_PMLD1 355749	46.42 -0.96 0.00	38.51 -0.85 0.00	40.54 -0.94 0.00	38.26 -0.91 0.00	38.25 -0.82 0.00	41.40 -0.75 0.00	49.46 -0.40 0.00	50.63 -0.48 0.00	56.10 -0.51 0.00	56.83 -0.68 0.00	89.87 -1.43 0.00	98.45 -1.86 0.00	98.05 -1.55 0.00	63.02 -0.94 0.00	84.72 -1.09 0.00	88.02 -0.62 0.00	90.04 -0.12 0.00	109.92 0.28 0.00	124.94 0.11 0.00	149.27 -0.25 0.00	101.07 -0.18 0.00	80.21 0.30 0.00	78.17 0.15 0.00	54.53 -0.12 0.00
PLEASANTVLY___LBMP 24000	49.66 1.68 -0.61	40.81 1.46 0.00	43.18 1.70 0.00	40.79 1.61 0.00	40.60 1.52 0.00	43.72 1.57 0.00	51.31 1.45 0.00	52.50 1.38 0.00	58.00 1.40 0.00	58.87 1.36 0.00	93.68 2.37 0.00	103.43 3.12 0.00	103.07 3.47 0.00	66.59 2.63 0.00	89.22 3.42 0.00	92.20 3.56 0.00	93.82 3.66 0.00	113.61 3.97 0.00	128.86 4.02 0.00	153.97 4.45 0.00	104.63 3.37 0.00	82.01 2.11 0.00	79.34 1.32 0.00	55.90 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.19 2.26 -0.55	41.30 1.94 0.00	43.65 2.17 0.00	41.20 2.02 0.00	41.00 1.93 0.00	44.16 2.00 0.00	51.86 1.99 0.00	53.09 1.98 0.00	58.64 2.03 0.00	59.53 2.03 0.00	94.71 3.41 0.00	104.72 4.41 0.00	104.41 4.81 0.00	67.54 3.57 0.00	90.45 4.65 0.00	93.55 4.92 0.00	95.17 5.01 0.00	115.07 5.43 0.00	130.29 5.46 0.00	155.65 6.13 0.00	105.95 4.69 0.00	82.64 2.74 0.00	79.96 1.93 0.00	56.33 1.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.19 2.26 -0.55	41.30 1.94 0.00	43.65 2.17 0.00	41.20 2.02 0.00	41.00 1.93 0.00	44.16 2.00 0.00	51.86 1.99 0.00	53.09 1.98 0.00	58.64 2.03 0.00	59.53 2.03 0.00	94.71 3.41 0.00	104.72 4.41 0.00	104.41 4.81 0.00	67.54 3.57 0.00	90.45 4.65 0.00	93.55 4.92 0.00	95.17 5.01 0.00	115.07 5.43 0.00	130.29 5.46 0.00	155.65 6.13 0.00	105.95 4.69 0.00	82.64 2.74 0.00	79.96 1.93 0.00	56.33 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.63 2.25 0.00	41.25 1.90 0.00	43.61 2.12 0.00	41.19 2.01 0.00	40.99 1.92 0.00	44.16 2.01 0.00	51.88 2.02 0.00	53.15 2.04 0.00	58.79 2.18 0.00	59.68 2.17 0.00	95.01 3.71 0.00	105.02 4.71 0.00	104.67 5.07 0.00	67.67 3.70 0.00	90.68 4.88 0.00	93.86 5.22 0.00	95.57 5.41 0.00	115.80 6.17 0.00	131.24 6.40 0.00	156.79 7.27 0.00	106.41 5.16 0.00	83.29 3.39 0.00	80.49 2.47 0.00	56.60 1.96 0.00
POLETTI_____ 23519	50.32 2.39 -0.55	41.44 2.08 0.00	43.84 2.36 0.00	41.37 2.20 0.00	41.15 2.08 0.00	44.32 2.16 0.00	51.96 2.09 0.00	53.17 2.05 0.00	58.73 2.13 0.00	59.61 2.10 0.00	94.89 3.59 0.00	104.99 4.69 0.00	104.74 5.14 0.00	67.77 3.80 0.00	90.77 4.97 0.00	93.81 5.17 0.00	95.41 5.25 0.00	115.26 5.63 0.00	130.16 5.33 0.00	155.87 6.35 0.00	106.23 4.98 0.00	83.11 3.20 0.00	80.21 2.18 0.00	56.59 1.94 0.00
POMONA___ESR 323819	50.11 2.22 -0.51	41.20 1.84 0.00	43.58 2.10 0.00	41.13 1.95 0.00	40.90 1.83 0.00	44.02 1.87 0.00	51.66 1.80 0.00	52.94 1.82 0.00	58.55 1.95 0.00	59.41 1.91 0.00	94.56 3.26 0.00	104.52 4.20 0.00	104.08 4.48 0.00	67.24 3.27 0.00	90.19 4.39 0.00	93.35 4.71 0.00	94.92 4.76 0.00	114.74 5.10 0.00	129.89 5.06 0.00	155.12 5.60 0.00	105.56 4.30 0.00	82.69 2.79 0.00	79.98 1.95 0.00	56.41 1.76 0.00
PORT_JEFF_3 23555	50.50 2.58 -0.55	41.74 2.38 0.00	44.12 2.64 0.00	41.55 2.37 0.00	41.23 2.16 0.00	44.31 2.16 0.00	51.43 1.56 0.00	50.28 0.94 1.78	44.49 0.92 13.04	58.55 1.04 0.00	91.33 1.63 1.61	61.42 3.26 42.15	68.61 3.38 34.37	67.25 3.32 0.03	89.29 3.69 0.21	92.78 4.31 0.17	97.52 4.73 -2.64	115.18 5.32 -0.23	125.51 4.37 3.70	149.82 4.70 4.40	104.82 3.57 0.00	74.59 1.48 6.79	40.94 0.45 37.54	54.08 0.76 1.33
PORT_JEFF_4 23616	50.50 2.58 -0.55	41.74 2.38 0.00	44.12 2.64 0.00	41.55 2.37 0.00	41.23 2.16 0.00	44.31 2.16 0.00	51.43 1.56 0.00	50.28 0.94 1.78	44.49 0.92 13.04	58.55 1.04 0.00	91.33 1.63 1.61	61.42 3.26 42.15	68.61 3.38 34.37	67.25 3.32 0.03	89.29 3.69 0.21	92.78 4.31 0.17	97.52 4.73 -2.64	115.18 5.32 -0.23	125.51 4.37 3.70	149.82 4.70 4.40	104.82 3.57 0.00	74.59 1.48 6.79	40.94 0.45 37.54	54.08 0.76 1.33

PORT_JEFF_IC 23713	50.55 2.63 -0.55	41.79 2.43 0.00	44.16 2.68 0.00	41.58 2.41 0.00	41.27 2.20 0.00	44.35 2.20 0.00	51.50 1.63 0.00	50.36 1.02 1.77	44.11 1.04 13.54	58.68 1.17 0.00	91.55 1.84 1.60	61.76 3.43 41.98	68.99 3.61 34.22	67.33 3.40 0.03	89.34 3.74 0.20	92.83 4.36 0.17	97.61 4.81 -2.64	115.26 5.40 -0.23	125.58 4.43 3.68	149.89 4.76 4.38	104.84 3.58 0.00	74.78 1.63 6.75	41.36 0.65 37.32	54.18 0.85 1.32
PPL PILGRIM_ST_GT1 24216	50.86 2.94 -0.55	42.03 2.67 0.00	44.44 2.95 0.00	41.85 2.68 0.00	41.57 2.50 0.00	44.69 2.54 0.00	51.91 2.05 0.00	50.82 1.45 1.74	44.73 1.35 13.22	58.98 1.47 0.00	92.15 2.41 1.57	62.92 3.90 41.29	69.82 3.87 33.65	67.66 3.72 0.03	89.69 4.06 0.18	93.12 4.63 0.15	97.79 4.98 -2.65	115.50 5.64 -0.23	125.89 4.69 3.62	150.49 5.27 4.30	105.30 4.04 0.00	75.46 2.12 6.56	42.75 1.08 36.36	54.63 1.28 1.30
PPL PILGRIM_ST_GT2 24217	50.86 2.94 -0.55	42.03 2.67 0.00	44.44 2.95 0.00	41.85 2.68 0.00	41.57 2.50 0.00	44.69 2.54 0.00	51.91 2.05 0.00	50.82 1.45 1.74	44.73 1.35 13.22	58.98 1.47 0.00	92.15 2.41 1.57	62.92 3.90 41.29	69.82 3.87 33.65	67.66 3.72 0.03	89.69 4.06 0.18	93.12 4.63 0.15	97.79 4.98 -2.65	115.50 5.64 -0.23	125.89 4.69 3.62	150.49 5.27 4.30	105.30 4.04 0.00	75.46 2.12 6.56	42.75 1.08 36.36	54.63 1.28 1.30
PPL_SHRM_GT3 24213	50.13 2.20 -0.55	41.43 2.07 0.00	43.78 2.30 0.00	41.21 2.03 0.00	40.90 1.83 0.00	43.97 1.82 0.00	51.08 1.22 0.00	49.94 0.60 1.77	44.22 0.75 13.14	58.31 0.81 0.00	91.08 1.38 1.60	61.27 3.03 42.07	68.46 3.16 34.30	67.13 3.19 0.03	89.32 3.72 0.21	92.88 4.42 0.17	97.75 4.95 -2.64	115.62 5.76 -0.23	125.96 4.81 3.69	150.33 5.21 4.39	105.04 3.78 0.00	74.51 1.38 6.77	40.78 0.19 37.43	53.74 0.42 1.33
PPL_SHRM_GT4 24214	50.13 2.20 -0.55	41.43 2.07 0.00	43.78 2.30 0.00	41.21 2.03 0.00	40.90 1.83 0.00	43.97 1.82 0.00	51.08 1.22 0.00	49.94 0.60 1.77	44.22 0.75 13.14	58.31 0.81 0.00	91.08 1.38 1.60	61.27 3.03 42.07	68.46 3.16 34.30	67.13 3.19 0.03	89.32 3.72 0.21	92.88 4.42 0.17	97.75 4.95 -2.64	115.62 5.76 -0.23	125.96 4.81 3.69	150.33 5.21 4.39	105.04 3.78 0.00	74.51 1.38 6.77	40.78 0.19 37.43	53.74 0.42 1.33
PROJECT___ORANGE 1 24174	47.48 0.10 0.00	39.41 0.04 -0.01	41.44 -0.06 -0.01	39.07 -0.11 0.00	38.93 -0.15 0.00	42.05 -0.11 -0.01	49.88 -0.14 -0.15	50.96 -0.17 -0.02	56.58 -0.02 0.00	57.65 0.14 0.00	91.70 0.39 0.00	100.74 0.43 0.00	100.45 0.84 0.00	64.60 0.64 0.00	86.62 0.81 0.00	89.37 0.63 -0.10	90.58 0.42 0.00	110.06 0.43 0.00	125.73 0.89 0.00	151.15 1.55 -0.08	102.89 1.46 -0.17	80.68 0.59 -0.18	78.76 0.28 -0.46	54.81 0.13 -0.04
PROJECT___ORANGE 2 24166	47.48 0.10 0.00	39.41 0.04 -0.01	41.44 -0.06 -0.01	39.07 -0.11 0.00	38.93 -0.15 0.00	42.05 -0.11 -0.01	49.88 -0.14 -0.15	50.96 -0.17 -0.02	56.58 -0.02 0.00	57.65 0.14 0.00	91.70 0.39 0.00	100.74 0.43 0.00	100.45 0.84 0.00	64.60 0.64 0.00	86.62 0.81 0.00	89.37 0.63 -0.10	90.58 0.42 0.00	110.06 0.43 0.00	125.73 0.89 0.00	151.15 1.55 -0.08	102.89 1.46 -0.17	80.68 0.59 -0.18	78.76 0.28 -0.46	54.81 0.13 -0.04
PUCKETT___SOLAR 323809	48.79 1.42 0.00	40.60 1.25 0.00	42.75 1.27 0.00	40.26 1.09 0.00	40.09 1.02 0.00	43.44 1.29 0.00	51.31 1.45 0.00	52.57 1.46 0.00	58.16 1.55 0.00	59.07 1.57 0.00	93.89 2.59 0.00	102.76 2.45 0.00	102.26 2.65 0.00	66.11 2.14 0.00	88.93 3.13 0.00	92.10 3.46 0.00	93.04 2.88 0.00	113.57 3.94 0.00	130.09 5.25 0.00	155.98 6.46 0.00	106.52 5.27 0.00	83.21 3.31 0.00	80.87 2.85 0.00	56.62 1.97 0.00
PYRITES___HYD 24023	48.51 1.13 0.00	40.19 0.84 0.00	42.12 0.64 0.00	39.80 0.63 0.00	39.87 0.79 0.00	43.18 1.04 0.00	51.66 1.79 0.00	53.12 2.01 0.00	58.40 1.79 0.00	59.22 1.72 0.00	93.98 2.68 0.00	102.11 1.81 0.00	100.43 0.82 0.00	63.86 -0.11 0.00	85.74 -0.07 0.00	88.42 -0.22 0.00	90.16 0.00 0.00	109.62 -0.01 0.00	124.79 -0.05 0.00	151.24 1.73 0.00	102.88 1.62 0.00	82.07 2.17 0.00	81.26 3.23 0.00	56.79 2.14 0.00
QUAKERRD_115KV_BK1 80622	48.15 0.77 0.00	39.96 0.61 0.00	41.60 0.12 0.00	38.98 -0.20 0.00	38.72 -0.35 0.00	41.84 -0.31 0.00	49.72 -0.14 0.00	50.72 -0.40 0.00	56.68 0.07 0.00	57.95 0.44 0.00	92.12 0.82 0.00	101.12 0.81 0.00	101.03 1.42 0.00	64.51 0.55 0.00	86.33 0.52 0.00	89.08 0.44 0.00	90.20 0.04 0.00	110.05 0.42 0.00	125.95 1.11 0.00	152.24 2.72 0.00	103.48 2.22 0.00	80.58 0.68 0.00	78.82 0.79 0.00	55.28 0.63 0.00
QUENSBRY_115KV_TB8 356137	50.04 3.13 0.47	41.92 2.56 0.00	44.33 2.85 0.00	41.82 2.64 0.00	41.73 2.66 0.00	45.09 2.94 0.00	53.11 3.25 0.00	54.13 3.02 0.00	59.73 3.13 0.00	60.38 2.88 0.00	95.90 4.60 0.00	105.55 5.24 0.00	104.74 5.13 0.00	67.39 3.43 0.00	90.63 4.82 0.00	93.97 5.33 0.00	96.05 5.89 0.00	117.57 7.94 0.00	135.35 10.52 0.00	161.69 12.18 0.00	110.14 8.88 0.00	86.59 6.69 0.00	83.63 5.61 0.00	58.45 3.80 0.00
RAMAPO___LBMP 323565	49.84 1.96 -0.50	40.98 1.62 0.00	43.34 1.86 0.00	40.92 1.74 0.00	40.68 1.61 0.00	43.79 1.64 0.00	51.39 1.53 0.00	52.65 1.54 0.00	58.22 1.61 0.00	59.06 1.56 0.00	93.96 2.66 0.00	103.86 3.55 0.00	103.39 3.79 0.00	66.77 2.80 0.00	89.52 3.71 0.00	92.69 4.05 0.00	94.28 4.12 0.00	114.06 4.43 0.00	129.14 4.31 0.00	154.24 4.72 0.00	104.98 3.72 0.00	82.28 2.38 0.00	79.59 1.57 0.00	56.14 1.50 0.00
RANKINE____ 23646	49.91 2.54 0.00	41.54 2.19 0.00	42.87 1.39 0.00	39.92 0.74 0.00	39.52 0.45 0.00	42.77 0.62 0.00	50.97 1.11 0.00	51.61 0.49 0.00	58.02 1.41 0.00	59.53 2.03 0.00	94.62 3.31 0.00	103.90 3.59 0.00	103.84 4.24 0.00	65.86 1.89 0.00	88.04 2.23 0.00	90.79 2.15 0.00	92.07 1.91 0.00	112.72 3.09 0.00	129.24 4.41 0.00	157.30 7.78 0.00	107.11 5.86 0.00	82.38 2.47 0.00	81.19 3.17 0.00	57.28 2.63 0.00
RAVENSWOOD_GT2_1 24244	50.40 2.48 -0.55	41.51 2.16 0.00	43.92 2.43 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.03 2.17 0.00	53.25 2.13 0.00	58.83 2.23 0.00	59.70 2.19 0.00	95.04 3.74 0.00	105.13 4.83 0.00	104.87 5.27 0.00	67.85 3.88 0.00	90.86 5.05 0.00	93.92 5.29 0.00	95.52 5.36 0.00	115.42 5.78 0.00	130.41 5.58 0.00	155.91 6.39 0.00	106.16 4.90 0.00	83.09 3.19 0.00	80.27 2.24 0.00	56.69 2.04 0.00
RAVENSWOOD_GT2_2 24245	50.40 2.48 -0.55	41.51 2.16 0.00	43.92 2.43 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.03 2.17 0.00	53.25 2.13 0.00	58.83 2.23 0.00	59.70 2.19 0.00	95.04 3.74 0.00	105.13 4.83 0.00	104.87 5.27 0.00	67.85 3.88 0.00	90.86 5.05 0.00	93.92 5.29 0.00	95.52 5.36 0.00	115.42 5.78 0.00	130.41 5.58 0.00	155.91 6.39 0.00	106.16 4.90 0.00	83.09 3.19 0.00	80.27 2.24 0.00	56.69 2.04 0.00

RAVENSWOOD_GT2_3 24246	50.42 2.50 -0.55	41.54 2.18 0.00	43.94 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.41 2.26 0.00	52.08 2.22 0.00	53.29 2.17 0.00	58.88 2.28 0.00	59.74 2.24 0.00	95.13 3.82 0.00	105.20 4.89 0.00	104.96 5.36 0.00	67.91 3.94 0.00	90.95 5.14 0.00	94.00 5.36 0.00	95.59 5.43 0.00	115.52 5.89 0.00	130.53 5.69 0.00	156.04 6.52 0.00	106.25 5.00 0.00	83.14 3.23 0.00	80.32 2.30 0.00	56.73 2.08 0.00
RAVENSWOOD_GT2_4 24247	50.42 2.50 -0.55	41.54 2.18 0.00	43.94 2.46 0.00	41.47 2.29 0.00	41.25 2.18 0.00	44.41 2.26 0.00	52.08 2.22 0.00	53.29 2.17 0.00	58.88 2.28 0.00	59.74 2.24 0.00	95.13 3.82 0.00	105.20 4.89 0.00	104.96 5.36 0.00	67.91 3.94 0.00	90.95 5.14 0.00	94.00 5.36 0.00	95.59 5.43 0.00	115.52 5.89 0.00	130.53 5.69 0.00	156.04 6.52 0.00	106.25 5.00 0.00	83.14 3.23 0.00	80.32 2.30 0.00	56.73 2.08 0.00
RAVENSWOOD_GT3_1 24248	50.40 2.48 -0.55	41.51 2.16 0.00	43.92 2.43 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.04 2.17 0.00	53.25 2.13 0.00	58.83 2.23 0.00	59.70 2.19 0.00	95.04 3.74 0.00	105.14 4.83 0.00	104.87 5.27 0.00	67.85 3.88 0.00	90.86 5.05 0.00	93.92 5.29 0.00	95.52 5.36 0.00	115.42 5.79 0.00	130.42 5.59 0.00	155.91 6.39 0.00	106.16 4.90 0.00	83.09 3.19 0.00	80.27 2.24 0.00	56.70 2.05 0.00
RAVENSWOOD_GT3_2 24249	50.40 2.48 -0.55	41.51 2.16 0.00	43.92 2.43 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.04 2.17 0.00	53.25 2.13 0.00	58.83 2.23 0.00	59.70 2.19 0.00	95.04 3.74 0.00	105.14 4.83 0.00	104.87 5.27 0.00	67.85 3.88 0.00	90.86 5.05 0.00	93.92 5.29 0.00	95.52 5.36 0.00	115.42 5.79 0.00	130.42 5.59 0.00	155.91 6.39 0.00	106.16 4.90 0.00	83.09 3.19 0.00	80.27 2.24 0.00	56.70 2.05 0.00
RAVENSWOOD_GT3_3 24250	50.51 2.58 -0.55	41.60 2.24 0.00	44.00 2.52 0.00	41.52 2.34 0.00	41.30 2.23 0.00	44.48 2.33 0.00	52.15 2.29 0.00	53.37 2.26 0.00	58.97 2.36 0.00	59.85 2.35 0.00	95.29 3.98 0.00	105.40 5.09 0.00	105.16 5.56 0.00	68.04 4.07 0.00	91.12 5.31 0.00	94.19 5.55 0.00	95.77 5.61 0.00	115.74 6.11 0.00	130.78 5.94 0.00	156.33 6.81 0.00	106.43 5.17 0.00	83.28 3.38 0.00	80.44 2.42 0.00	56.81 2.16 0.00
RAVENSWOOD_GT3_4 24251	50.51 2.58 -0.55	41.60 2.24 0.00	44.00 2.52 0.00	41.52 2.34 0.00	41.30 2.23 0.00	44.48 2.33 0.00	52.15 2.29 0.00	53.37 2.26 0.00	58.97 2.36 0.00	59.85 2.35 0.00	95.29 3.98 0.00	105.40 5.09 0.00	105.16 5.56 0.00	68.04 4.07 0.00	91.12 5.31 0.00	94.19 5.55 0.00	95.77 5.61 0.00	115.74 6.11 0.00	130.78 5.94 0.00	156.33 6.81 0.00	106.43 5.17 0.00	83.28 3.38 0.00	80.44 2.42 0.00	56.81 2.16 0.00
RAVENSWOOD_GT_1 23729	50.38 2.46 -0.55	41.57 2.21 0.00	44.01 2.53 0.00	41.53 2.35 0.00	41.31 2.24 0.00	44.46 2.31 0.00	52.06 2.20 0.00	53.23 2.12 0.00	58.78 2.17 0.00	59.64 2.14 0.00	94.92 3.62 0.00	105.00 4.69 0.00	104.79 5.18 0.00	67.82 3.85 0.00	90.80 4.99 0.00	93.77 5.13 0.00	95.39 5.23 0.00	115.20 5.56 0.00	130.00 5.19 0.03	152.34 5.90 3.08	105.56 4.54 0.24	70.86 2.88 11.92	68.33 1.94 11.63	53.94 1.89 2.60
RAVENSWOOD_GT_10 24258	50.41 2.48 -0.55	41.51 2.16 0.00	43.92 2.43 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.05 2.19 0.00	53.25 2.14 0.00	58.84 2.24 0.00	59.70 2.20 0.00	95.06 3.76 0.00	105.18 4.87 0.00	104.90 5.30 0.00	67.86 3.89 0.00	90.89 5.08 0.00	93.95 5.32 0.00	95.55 5.39 0.00	115.46 5.83 0.00	130.48 5.65 0.00	155.63 6.46 0.35	106.16 4.93 0.02	81.99 3.20 1.12	79.19 2.25 1.09	56.46 2.05 0.24
RAVENSWOOD_GT_11 24259	50.41 2.48 -0.55	41.51 2.16 0.00	43.92 2.43 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.05 2.19 0.00	53.25 2.14 0.00	58.84 2.24 0.00	59.70 2.20 0.00	95.06 3.76 0.00	105.18 4.87 0.00	104.90 5.30 0.00	67.86 3.89 0.00	90.89 5.08 0.00	93.95 5.32 0.00	95.55 5.39 0.00	115.46 5.83 0.00	130.48 5.65 0.00	155.63 6.46 0.35	106.16 4.93 0.02	81.99 3.20 1.12	79.19 2.25 1.09	56.46 2.05 0.24
RAVENSWOOD_GT_4 24252	50.44 2.52 -0.55	41.53 2.17 0.00	43.92 2.44 0.00	41.45 2.27 0.00	41.23 2.16 0.00	44.40 2.25 0.00	52.08 2.21 0.00	53.29 2.18 0.00	58.89 2.28 0.00	59.76 2.25 0.00	95.14 3.84 0.00	105.27 4.96 0.00	104.97 5.37 0.00	67.91 3.94 0.00	90.95 5.14 0.00	94.04 5.40 0.00	95.62 5.46 0.00	115.58 5.95 0.00	130.62 5.80 0.02	153.83 6.65 2.34	106.12 5.05 0.19	74.12 3.29 9.08	71.51 2.34 8.86	54.79 2.12 1.98
RAVENSWOOD_GT_5 24254	50.44 2.52 -0.55	41.53 2.17 0.00	43.92 2.44 0.00	41.45 2.27 0.00	41.23 2.16 0.00	44.40 2.25 0.00	52.08 2.21 0.00	53.29 2.18 0.00	58.89 2.28 0.00	59.76 2.25 0.00	95.14 3.84 0.00	105.27 4.96 0.00	104.97 5.37 0.00	67.91 3.94 0.00	90.95 5.14 0.00	94.04 5.40 0.00	95.62 5.46 0.00	115.58 5.95 0.00	130.62 5.80 0.02	153.83 6.65 2.34	106.12 5.05 0.19	74.12 3.29 9.08	71.51 2.34 8.86	54.79 2.12 1.98
RAVENSWOOD_GT_6 24253	50.44 2.52 -0.55	41.53 2.17 0.00	43.92 2.44 0.00	41.45 2.27 0.00	41.23 2.16 0.00	44.40 2.25 0.00	52.08 2.21 0.00	53.29 2.18 0.00	58.89 2.28 0.00	59.76 2.25 0.00	95.14 3.84 0.00	105.27 4.96 0.00	104.97 5.37 0.00	67.91 3.94 0.00	90.95 5.14 0.00	94.04 5.40 0.00	95.62 5.46 0.00	115.58 5.95 0.00	130.62 5.80 0.02	153.83 6.65 2.34	106.12 5.05 0.19	74.12 3.29 9.08	71.51 2.34 8.86	54.79 2.12 1.98
RAVENSWOOD_GT_7 24255	50.44 2.52 -0.55	41.53 2.17 0.00	43.92 2.44 0.00	41.45 2.27 0.00	41.23 2.16 0.00	44.40 2.25 0.00	52.08 2.21 0.00	53.29 2.18 0.00	58.89 2.28 0.00	59.76 2.25 0.00	95.14 3.84 0.00	105.27 4.96 0.00	104.97 5.37 0.00	67.91 3.94 0.00	90.95 5.14 0.00	94.04 5.40 0.00	95.62 5.46 0.00	115.58 5.95 0.00	130.62 5.80 0.02	153.83 6.65 2.34	106.12 5.05 0.19	74.12 3.29 9.08	71.51 2.34 8.86	54.79 2.12 1.98
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.41 2.48 -0.55	41.51 2.16 0.00	43.92 2.43 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.05 2.19 0.00	53.25 2.14 0.00	58.84 2.24 0.00	59.70 2.20 0.00	95.06 3.76 0.00	105.18 4.87 0.00	104.90 5.30 0.00	67.86 3.89 0.00	90.89 5.08 0.00	93.95 5.32 0.00	95.55 5.39 0.00	115.46 5.83 0.00	130.48 5.65 0.00	155.63 6.46 0.35	106.16 4.93 0.02	81.99 3.20 1.12	79.19 2.25 1.09	56.46 2.05 0.24
RAVENSWOOD_GT_9 24257	50.41 2.48 -0.55	41.51 2.16 0.00	43.92 2.43 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.05 2.19 0.00	53.25 2.14 0.00	58.84 2.24 0.00	59.70 2.20 0.00	95.06 3.76 0.00	105.18 4.87 0.00	104.90 5.30 0.00	67.86 3.89 0.00	90.89 5.08 0.00	93.95 5.32 0.00	95.55 5.39 0.00	115.46 5.83 0.00	130.48 5.65 0.00	155.63 6.46 0.35	106.16 4.93 0.02	81.99 3.20 1.12	79.19 2.25 1.09	56.46 2.05 0.24

RAVENSWOOD___1 23533	50.34 2.42 -0.55	41.53 2.17 0.00	43.97 2.49 0.00	41.49 2.32 0.00	41.27 2.20 0.00	44.42 2.27 0.00	52.01 2.15 0.00	53.18 2.07 0.00	58.74 2.13 0.00	59.59 2.09 0.00	94.84 3.53 0.00	104.91 4.60 0.00	104.69 5.09 0.00	67.77 3.80 0.00	90.71 4.90 0.00	93.70 5.06 0.00	95.31 5.15 0.00	115.08 5.45 0.00	129.92 5.11 0.03	151.73 5.79 3.58	105.41 4.50 0.34	65.78 2.83 16.95	63.38 1.90 16.54	52.81 1.85 3.69
RAVENSWOOD___2 23534	49.90 1.98 -0.55	41.31 1.95 0.00	43.86 2.38 0.00	41.40 2.22 0.00	41.17 2.10 0.00	44.31 2.16 0.00	51.75 1.89 0.00	52.77 1.65 0.00	58.21 1.61 0.00	59.07 1.56 0.00	94.02 2.71 0.00	104.00 3.69 0.00	103.80 4.19 0.00	67.22 3.26 0.00	89.94 4.14 0.00	92.84 4.20 0.00	94.46 4.30 0.00	114.02 4.39 0.00	128.69 3.88 0.03	150.26 4.34 3.59	104.40 3.49 0.35	64.94 2.12 17.09	62.61 1.25 16.67	52.34 1.42 3.72
RAVENSWOOD___3 23535	50.40 2.48 -0.55	41.51 2.15 0.00	43.92 2.44 0.00	41.44 2.26 0.00	41.22 2.15 0.00	44.39 2.24 0.00	52.04 2.17 0.00	53.25 2.13 0.00	58.84 2.23 0.00	59.70 2.19 0.00	95.04 3.74 0.00	105.13 4.82 0.00	104.86 5.26 0.00	67.86 3.89 0.00	90.86 5.05 0.00	93.94 5.30 0.00	95.52 5.36 0.00	115.44 5.80 0.00	130.43 5.60 0.00	155.90 6.38 0.00	106.17 4.92 0.00	83.09 3.19 0.00	80.27 2.24 0.00	56.70 2.05 0.00
RAVENSWOOD___4 23820	50.29 2.37 -0.55	41.49 2.13 0.00	43.93 2.45 0.00	41.46 2.28 0.00	41.24 2.17 0.00	44.38 2.23 0.00	51.97 2.10 0.00	53.13 2.02 0.00	58.68 2.08 0.00	59.55 2.04 0.00	94.76 3.46 0.00	104.85 4.54 0.00	104.62 5.01 0.00	67.71 3.74 0.00	90.65 4.84 0.00	93.63 4.99 0.00	95.24 5.08 0.00	114.99 5.36 0.00	129.81 5.01 0.03	151.10 5.68 4.09	105.23 4.42 0.45	60.64 2.78 22.05	58.37 1.87 21.52	51.65 1.80 4.81
RCPL_TRUST___DRP 24196	50.41 2.48 -0.55	41.53 2.17 0.00	43.93 2.45 0.00	41.46 2.28 0.00	41.25 2.18 0.00	44.42 2.27 0.00	52.10 2.23 0.00	53.31 2.19 0.00	58.90 2.29 0.00	59.79 2.28 0.00	95.19 3.88 0.00	105.30 4.99 0.00	105.03 5.43 0.00	67.94 3.97 0.00	91.02 5.21 0.00	94.06 5.43 0.00	95.65 5.49 0.00	115.59 5.96 0.00	130.60 5.76 0.00	156.04 6.52 0.00	106.25 5.00 0.00	83.12 3.22 0.00	80.29 2.26 0.00	56.71 2.06 0.00
RED___ROCHESTER 323720	49.99 2.61 0.00	41.46 2.10 0.00	43.04 1.56 0.00	40.26 1.08 0.00	39.96 0.89 0.00	43.20 1.05 0.00	51.40 1.54 0.00	52.38 1.27 0.00	58.68 2.08 0.00	60.08 2.57 0.00	95.50 4.20 0.00	104.75 4.44 0.00	104.65 5.04 0.00	66.73 2.76 0.00	89.32 3.52 0.00	92.22 3.59 0.00	93.41 3.25 0.00	114.01 4.37 0.00	130.55 5.72 0.00	158.08 8.56 0.00	107.38 6.12 0.00	83.41 3.51 0.00	81.70 3.67 0.00	57.29 2.64 0.00
REGAN___SOLAR 323812	50.69 3.63 0.32	42.31 2.95 0.00	44.57 3.08 0.00	42.04 2.86 0.00	41.90 2.83 0.00	45.34 3.18 0.00	53.67 3.81 0.00	54.72 3.60 0.00	60.34 3.73 0.00	59.80 2.30 0.00	95.01 3.70 0.00	104.51 4.20 0.00	102.88 3.28 0.00	65.69 1.73 0.00	88.83 3.02 0.00	92.72 4.08 0.00	95.39 5.23 0.00	118.10 8.47 0.00	135.61 10.78 0.00	163.20 13.68 0.00	110.98 9.72 0.00	87.22 7.32 0.00	84.73 6.70 0.00	59.13 4.48 0.00
RENSSELAER___COGEN 23796	46.95 -0.01 0.42	39.38 0.03 0.00	41.72 0.24 0.00	39.46 0.29 0.00	39.40 0.32 0.00	42.40 0.25 0.00	49.79 -0.08 0.00	50.89 -0.22 0.00	56.22 -0.38 0.00	57.00 -0.51 0.00	90.65 -0.66 0.00	99.80 -0.51 0.00	99.38 -0.23 0.00	63.99 0.03 0.00	85.75 -0.05 0.00	88.47 -0.17 0.00	89.96 -0.20 0.00	109.29 -0.34 0.00	124.60 -0.23 0.00	148.78 -0.73 0.00	101.11 -0.15 0.00	79.65 -0.25 0.00	77.19 -0.84 0.00	54.23 -0.42 0.00
REPUBLIC_115KV_BARTNBK 55605	53.37 6.47 0.48	44.61 5.25 0.00	46.75 5.27 0.00	44.08 4.90 0.00	44.05 4.98 0.00	47.67 5.52 0.00	56.16 6.30 0.00	57.05 5.93 0.00	62.50 5.90 0.00	62.79 5.29 0.00	100.97 9.67 0.00	110.29 9.99 0.00	109.78 10.17 0.00	71.49 7.52 0.00	96.82 11.02 0.00	100.07 11.43 0.00	101.23 11.06 0.00	124.59 14.96 0.00	143.67 18.83 0.00	171.42 21.90 0.00	117.10 15.84 0.00	92.95 13.05 0.00	89.76 11.73 0.00	62.47 7.82 0.00
REVERE_CPPR_DRP 24186	49.66 2.28 0.00	41.13 1.77 0.00	43.22 1.74 0.00	40.87 1.70 0.00	40.84 1.77 0.00	44.20 2.04 0.00	52.47 2.60 0.00	53.79 2.67 0.00	59.72 3.11 0.00	60.71 3.21 0.00	96.39 5.08 0.00	105.74 5.43 0.00	105.04 5.44 0.00	67.77 3.80 0.00	90.67 4.86 0.00	93.50 4.86 0.00	95.35 5.20 0.00	115.58 5.95 0.00	132.40 7.56 0.00	159.62 10.10 0.00	108.77 7.52 0.00	85.48 5.58 0.00	83.01 4.98 0.00	57.81 3.16 0.00
REYNLDPA_13_KV_LD 356490	47.17 -0.21 0.00	39.19 -0.17 0.00	41.15 -0.33 0.00	38.86 -0.31 0.00	38.86 -0.22 0.00	41.98 -0.17 0.00	50.11 0.24 0.00	51.45 0.33 0.00	56.97 0.36 0.00	57.80 0.30 0.00	91.57 0.27 0.00	100.25 -0.07 0.00	98.70 -0.91 0.00	62.98 -0.98 0.00	85.25 -0.55 0.00	88.30 -0.34 0.00	89.98 -0.18 0.00	109.56 -0.08 0.00	123.17 -1.66 0.00	147.63 -1.89 0.00	99.41 -1.84 0.00	79.09 -0.82 0.00	78.46 0.43 0.00	54.70 0.05 0.00
REYNOLDS_115KV_TB3 80639	47.39 0.52 0.51	39.82 0.46 0.00	42.18 0.70 0.00	39.86 0.68 0.00	39.79 0.72 0.00	42.85 0.70 0.00	50.33 0.46 0.00	51.43 0.32 0.00	56.80 0.20 0.00	57.63 0.12 0.00	91.64 0.34 0.00	100.84 0.53 0.00	100.45 0.85 0.00	64.63 0.67 0.00	86.61 0.81 0.00	89.35 0.70 0.00	90.91 0.75 0.00	110.51 0.88 0.00	126.17 1.34 0.00	150.62 1.10 0.00	102.36 1.10 0.00	80.60 0.70 0.00	78.14 0.11 0.00	54.92 0.27 0.00
RIVERBAY____ 323610	52.25 4.33 -0.55	43.08 3.72 0.00	45.53 4.05 0.00	42.96 3.78 0.00	42.74 3.66 0.00	46.00 3.85 0.00	54.08 4.22 0.00	55.36 4.25 0.00	61.09 4.48 0.00	61.98 4.48 0.00	98.47 7.17 0.00	108.99 8.68 0.00	108.72 9.11 0.00	70.29 6.32 0.00	94.04 8.23 0.00	97.31 8.67 0.00	98.97 8.81 0.00	119.52 9.89 0.00	134.92 10.10 0.01	161.25 11.73 0.00	109.65 8.39 -0.01	85.72 5.81 -0.01	82.91 4.88 -0.01	58.59 3.94 0.00
RIVERSIDE_115KV_TB3 55908	47.29 0.38 0.47	39.70 0.35 0.00	42.05 0.57 0.00	39.76 0.59 0.00	39.68 0.61 0.00	42.73 0.58 0.00	50.18 0.32 0.00	51.32 0.20 0.00	56.70 0.09 0.00	57.51 0.00 0.00	91.47 0.17 0.00	100.70 0.39 0.00	100.29 0.69 0.00	64.53 0.57 0.00	86.52 0.71 0.00	89.29 0.65 0.00	90.85 0.69 0.00	110.42 0.79 0.00	125.96 1.12 0.00	150.39 0.87 0.00	102.16 0.91 0.00	80.44 0.54 0.00	77.95 -0.08 0.00	54.76 0.12 0.00
ROARING___BROOK_WT_PWR 323790	46.92 -0.46 0.00	38.93 -0.43 0.00	41.00 -0.48 0.00	38.80 -0.37 0.00	38.78 -0.29 0.00	41.89 -0.26 0.00	49.72 -0.14 0.00	51.01 -0.10 0.00	56.52 -0.08 0.00	57.41 -0.09 0.00	91.12 -0.18 0.00	100.09 -0.23 0.00	99.34 -0.26 0.00	63.73 -0.24 0.00	85.54 -0.27 0.00	88.40 -0.24 0.00	89.98 -0.18 0.00	109.43 -0.20 0.00	124.54 -0.29 0.00	149.19 -0.33 0.00	100.95 -0.30 0.00	79.75 -0.15 0.00	77.95 -0.07 0.00	54.59 -0.06 0.00

ROCHESRG_115KV_T4 355643	49.16 1.78 0.00	40.81 1.46 0.00	42.40 0.92 0.00	39.68 0.51 0.00	39.40 0.32 0.00	42.58 0.43 0.00	50.63 0.77 0.00	51.55 0.43 0.00	57.70 1.09 0.00	59.03 1.52 0.00	93.79 2.48 0.00	102.94 2.62 0.00	102.81 3.21 0.00	65.53 1.57 0.00	87.69 1.89 0.00	90.50 1.86 0.00	91.55 1.39 0.00	111.75 2.12 0.00	127.91 3.08 0.00	154.90 5.38 0.00	105.33 4.07 0.00	81.90 2.00 0.00	80.31 2.28 0.00	56.38 1.73 0.00
ROCHESTER_9_IC 23652	49.58 2.20 0.00	41.15 1.79 0.00	42.74 1.26 0.00	39.98 0.81 0.00	39.69 0.62 0.00	42.91 0.76 0.00	51.03 1.17 0.00	51.98 0.87 0.00	58.21 1.61 0.00	59.57 2.07 0.00	94.68 3.38 0.00	103.88 3.57 0.00	103.75 4.15 0.00	66.16 2.19 0.00	88.53 2.72 0.00	91.38 2.73 0.00	92.51 2.35 0.00	112.91 3.27 0.00	129.23 4.40 0.00	156.52 7.01 0.00	106.40 5.15 0.00	82.68 2.78 0.00	81.04 3.01 0.00	56.86 2.21 0.00
ROCKVIEW_13_KV_LD 356306	50.54 2.61 -0.55	41.56 2.21 0.00	43.95 2.47 0.00	41.47 2.30 0.00	41.25 2.18 0.00	44.43 2.28 0.00	52.17 2.30 0.00	53.40 2.28 0.00	59.00 2.40 0.00	59.88 2.37 0.00	95.33 4.03 0.00	105.47 5.16 0.00	105.20 5.59 0.00	68.05 4.09 0.00	91.13 5.33 0.00	94.24 5.60 0.00	95.90 5.74 0.00	116.00 6.37 0.00	131.17 6.34 0.00	156.63 7.12 0.00	106.67 5.41 0.00	83.52 3.62 0.00	80.72 2.69 0.00	56.92 2.28 0.00
ROME____115KV_TB2 80656	49.66 2.28 0.00	41.13 1.77 0.00	43.22 1.74 0.00	40.87 1.70 0.00	40.84 1.77 0.00	44.20 2.04 0.00	52.47 2.60 0.00	53.79 2.67 0.00	59.72 3.11 0.00	60.71 3.21 0.00	96.39 5.08 0.00	105.74 5.43 0.00	105.04 5.44 0.00	67.77 3.80 0.00	90.67 4.86 0.00	93.50 4.86 0.00	95.35 5.20 0.00	115.58 5.95 0.00	132.40 7.56 0.00	159.62 10.10 0.00	108.77 7.52 0.00	85.48 5.58 0.00	83.01 4.98 0.00	57.81 3.16 0.00
ROSETON___1 23587	49.53 1.64 -0.50	40.76 1.40 0.00	43.13 1.65 0.00	40.74 1.57 0.00	40.55 1.48 0.00	43.67 1.52 0.00	51.24 1.38 0.00	52.44 1.33 0.00	57.93 1.33 0.00	58.77 1.26 0.00	93.49 2.18 0.00	103.22 2.91 0.00	102.81 3.21 0.00	66.44 2.48 0.00	89.01 3.21 0.00	92.05 3.41 0.00	93.64 3.48 0.00	113.37 3.74 0.00	128.55 3.71 0.00	153.62 4.10 0.00	104.40 3.14 0.00	81.83 1.92 0.00	79.21 1.18 0.00	55.82 1.17 0.00
ROSETON___2 23588	49.53 1.64 -0.50	40.76 1.40 0.00	43.13 1.65 0.00	40.74 1.57 0.00	40.55 1.48 0.00	43.67 1.52 0.00	51.24 1.38 0.00	52.44 1.33 0.00	57.93 1.33 0.00	58.77 1.26 0.00	93.49 2.18 0.00	103.22 2.91 0.00	102.81 3.21 0.00	66.44 2.48 0.00	89.01 3.21 0.00	92.05 3.41 0.00	93.64 3.48 0.00	113.37 3.74 0.00	128.55 3.71 0.00	153.62 4.10 0.00	104.40 3.14 0.00	81.83 1.92 0.00	79.21 1.18 0.00	55.82 1.17 0.00
ROTTTRDAM_115KV_TB3 80664	48.34 1.33 0.37	40.49 1.13 0.00	42.81 1.33 0.00	40.45 1.28 0.00	40.32 1.25 0.00	43.49 1.34 0.00	51.21 1.35 0.00	52.30 1.18 0.00	57.81 1.21 0.00	58.54 1.03 0.00	93.08 1.77 0.00	102.46 2.16 0.00	101.74 2.13 0.00	65.41 1.45 0.00	87.80 1.99 0.00	90.77 2.13 0.00	92.54 2.38 0.00	112.65 3.02 0.00	128.54 3.71 0.00	153.86 4.34 0.00	104.58 3.32 0.00	82.31 2.40 0.00	79.92 1.89 0.00	56.04 1.39 0.00
RUSSELL___1 23602	49.99 2.61 0.00	41.46 2.10 0.00	43.04 1.56 0.00	40.26 1.08 0.00	39.96 0.89 0.00	43.20 1.05 0.00	51.39 1.53 0.00	52.38 1.26 0.00	58.68 2.08 0.00	60.08 2.57 0.00	95.50 4.19 0.00	104.73 4.42 0.00	104.63 5.02 0.00	66.73 2.77 0.00	89.33 3.53 0.00	92.22 3.58 0.00	93.41 3.25 0.00	114.01 4.37 0.00	130.55 5.72 0.00	158.09 8.57 0.00	107.37 6.12 0.00	83.39 3.48 0.00	81.67 3.65 0.00	57.29 2.64 0.00
RUSSELL___2 23532	49.99 2.61 0.00	41.46 2.10 0.00	43.04 1.56 0.00	40.26 1.08 0.00	39.96 0.89 0.00	43.20 1.05 0.00	51.39 1.53 0.00	52.38 1.26 0.00	58.68 2.08 0.00	60.08 2.57 0.00	95.50 4.19 0.00	104.73 4.42 0.00	104.63 5.02 0.00	66.73 2.77 0.00	89.33 3.53 0.00	92.22 3.58 0.00	93.41 3.25 0.00	114.01 4.37 0.00	130.55 5.72 0.00	158.09 8.57 0.00	107.37 6.12 0.00	83.39 3.48 0.00	81.67 3.65 0.00	57.29 2.64 0.00
RUSSELL___3 23549	49.99 2.61 0.00	41.46 2.10 0.00	43.04 1.56 0.00	40.26 1.08 0.00	39.96 0.89 0.00	43.20 1.05 0.00	51.39 1.53 0.00	52.38 1.26 0.00	58.68 2.08 0.00	60.08 2.57 0.00	95.50 4.19 0.00	104.73 4.42 0.00	104.63 5.02 0.00	66.73 2.77 0.00	89.33 3.53 0.00	92.22 3.58 0.00	93.41 3.25 0.00	114.01 4.37 0.00	130.55 5.72 0.00	158.09 8.57 0.00	107.37 6.12 0.00	83.39 3.48 0.00	81.67 3.65 0.00	57.29 2.64 0.00
RUSSELL___4 23556	49.99 2.61 0.00	41.46 2.10 0.00	43.04 1.56 0.00	40.26 1.08 0.00	39.96 0.89 0.00	43.20 1.05 0.00	51.39 1.53 0.00	52.38 1.26 0.00	58.68 2.08 0.00	60.08 2.57 0.00	95.50 4.19 0.00	104.73 4.42 0.00	104.63 5.02 0.00	66.73 2.77 0.00	89.33 3.53 0.00	92.22 3.58 0.00	93.41 3.25 0.00	114.01 4.37 0.00	130.55 5.72 0.00	158.09 8.57 0.00	107.37 6.12 0.00	83.39 3.48 0.00	81.67 3.65 0.00	57.29 2.64 0.00
RUSSELL___STATION 23914	49.99 2.61 0.00	41.46 2.10 0.00	43.04 1.56 0.00	40.26 1.08 0.00	39.96 0.89 0.00	43.20 1.05 0.00	51.39 1.53 0.00	52.38 1.26 0.00	58.68 2.08 0.00	60.08 2.57 0.00	95.50 4.19 0.00	104.73 4.42 0.00	104.63 5.02 0.00	66.73 2.77 0.00	89.33 3.53 0.00	92.22 3.58 0.00	93.41 3.25 0.00	114.01 4.37 0.00	130.55 5.72 0.00	158.09 8.57 0.00	107.37 6.12 0.00	83.39 3.48 0.00	81.67 3.65 0.00	57.29 2.64 0.00
S SALMON___HYD 24043	47.95 0.56 -0.01	39.70 0.26 -0.08	41.68 0.11 -0.10	39.36 0.17 -0.01	39.32 0.25 0.00	42.65 0.41 -0.09	51.54 0.67 -1.01	51.92 0.69 -0.12	58.03 0.91 -0.51	58.75 0.96 -0.29	98.71 1.72 -5.68	108.51 1.70 -6.50	106.94 1.95 -5.38	64.85 0.88 0.00	86.82 1.01 0.00	90.03 0.65 -0.74	90.62 0.46 0.00	110.06 0.42 0.00	126.10 1.26 0.00	152.93 2.89 -0.52	105.10 2.67 -1.17	83.02 1.88 -1.24	82.75 1.65 -3.08	55.72 0.84 -0.23
S.PERRY__115KV_TB1 80734	51.43 4.05 0.00	42.67 3.31 0.00	44.34 2.86 0.00	41.48 2.30 0.00	41.23 2.16 0.00	44.55 2.40 0.00	52.85 2.99 0.00	52.79 1.68 0.00	58.33 1.72 0.00	59.69 2.18 0.00	94.66 3.35 0.00	103.40 3.09 0.00	102.25 2.64 0.00	64.27 0.30 0.00	84.46 -1.35 0.00	87.64 -1.00 0.00	88.41 -1.75 0.00	109.17 -0.46 0.00	124.08 -0.75 0.00	151.56 2.03 0.00	104.06 2.81 0.00	81.64 1.74 0.00	82.87 4.85 0.00	57.73 3.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.51 2.14 0.00	41.24 1.88 0.00	42.52 1.04 0.00	39.58 0.40 0.00	39.19 0.12 0.00	42.38 0.23 0.00	50.50 0.64 0.00	51.07 -0.04 0.00	57.44 0.83 0.00	58.93 1.43 0.00	93.64 2.34 0.00	102.86 2.55 0.00	102.81 3.21 0.00	65.16 1.19 0.00	87.09 1.29 0.00	89.79 1.15 0.00	90.93 0.77 0.00	111.33 1.70 0.00	127.54 2.71 0.00	155.30 5.79 0.00	105.71 4.45 0.00	81.36 1.46 0.00	80.29 2.26 0.00	56.72 2.07 0.00

SAWYER___23_KV_LOAD 55526	49.51 2.14 0.00	41.24 1.88 0.00	42.52 1.04 0.00	39.58 0.40 0.00	39.19 0.12 0.00	42.38 0.23 0.00	50.50 0.64 0.00	51.07 -0.04 0.00	57.44 0.83 0.00	58.93 1.43 0.00	93.64 2.34 0.00	102.86 2.55 0.00	102.81 3.21 0.00	65.16 1.19 0.00	87.09 1.29 0.00	89.79 1.15 0.00	90.93 0.77 0.00	111.33 1.70 0.00	127.54 2.71 0.00	155.30 5.79 0.00	105.71 4.45 0.00	81.36 1.46 0.00	80.29 2.26 0.00	56.72 2.07 0.00
SELKIRK___I 23801	46.68 -0.43 0.26	39.04 -0.32 0.00	41.39 -0.09 0.00	39.19 0.01 0.00	39.09 0.03 0.00	42.09 -0.06 0.00	49.39 -0.48 0.00	50.50 -0.61 0.00	55.73 -0.88 0.00	56.45 -1.05 0.00	89.60 -1.71 0.00	98.63 -1.68 0.00	98.18 -1.43 0.00	63.16 -0.80 0.00	84.64 -1.17 0.00	87.39 -1.25 0.00	88.83 -1.33 0.00	108.10 -1.53 0.00	123.17 -1.67 0.00	147.28 -2.24 0.00	100.07 -1.19 0.00	78.96 -0.94 0.00	76.65 -1.38 0.00	53.85 -0.80 0.00
SELKIRK___II 23799	46.92 -0.15 0.31	39.27 -0.09 0.00	41.64 0.16 0.00	39.42 0.24 0.00	39.31 0.24 0.00	42.31 0.16 0.00	49.65 -0.22 0.00	50.76 -0.35 0.00	56.09 -0.52 0.00	56.88 -0.62 0.00	90.39 -0.92 0.00	99.52 -0.79 0.00	99.07 -0.54 0.00	63.80 -0.16 0.00	85.50 -0.31 0.00	88.22 -0.42 0.00	89.74 -0.42 0.00	109.00 -0.63 0.00	124.15 -0.68 0.00	148.33 -1.18 0.00	100.81 -0.45 0.00	79.40 -0.50 0.00	77.04 -0.99 0.00	54.13 -0.52 0.00
SENECA OSWGO___HYD 24041	47.03 -0.36 -0.02	39.15 -0.33 -0.12	41.21 -0.42 -0.15	38.76 -0.43 -0.02	38.60 -0.47 0.00	41.80 -0.48 -0.13	50.87 -0.55 -1.56	50.71 -0.59 -0.18	56.84 -0.55 -0.79	57.44 -0.51 -0.45	99.40 -0.64 -8.74	109.62 -0.70 -10.00	107.54 -0.35 -8.29	63.80 -0.17 0.00	85.51 -0.30 0.00	89.33 -0.45 -1.14	89.48 -0.68 0.00	108.85 -0.78 0.00	124.35 -0.48 0.00	150.25 -0.06 -0.80	103.37 0.30 -1.81	81.56 -0.26 -1.91	82.28 -0.49 -4.75	54.56 -0.45 -0.36
SENECA___115KV_TB3 355854	50.02 2.64 0.00	41.63 2.27 0.00	42.95 1.48 0.00	40.00 0.82 0.00	39.60 0.53 0.00	42.85 0.70 0.00	51.07 1.21 0.00	51.72 0.60 0.00	58.15 1.54 0.00	59.67 2.17 0.00	94.84 3.53 0.00	104.16 3.85 0.00	104.08 4.48 0.00	66.02 2.05 0.00	88.24 2.44 0.00	91.03 2.39 0.00	92.29 2.12 0.00	113.03 3.40 0.00	129.60 4.77 0.00	157.70 8.18 0.00	107.40 6.15 0.00	82.58 2.68 0.00	81.38 3.36 0.00	57.40 2.76 0.00
SENECA___ENERGY 23797	48.75 1.37 0.00	40.49 1.11 -0.03	42.44 0.92 -0.04	39.83 0.65 0.00	39.58 0.51 0.00	42.85 0.66 -0.04	51.19 0.89 -0.44	51.94 0.78 -0.05	57.79 0.96 -0.22	58.88 1.25 -0.12	96.00 2.27 -2.42	105.33 2.25 -2.78	104.81 2.91 -2.30	65.91 1.94 0.00	88.27 2.46 0.00	91.24 2.28 -0.32	92.08 1.92 0.00	112.09 2.46 0.00	128.38 3.55 0.00	154.67 4.92 -0.22	105.97 4.21 -0.51	82.98 2.55 -0.53	81.40 2.04 -1.32	56.29 1.54 -0.10
SHOEMAKER___GT 23640	49.52 1.69 -0.45	40.77 1.41 0.00	43.10 1.62 0.00	40.72 1.54 0.00	40.52 1.45 0.00	43.65 1.50 0.00	51.29 1.43 0.00	52.50 1.38 0.00	58.02 1.41 0.00	58.82 1.31 0.00	93.64 2.33 0.00	103.35 3.04 0.00	102.70 3.10 0.00	66.31 2.34 0.00	88.86 3.05 0.00	92.05 3.41 0.00	93.88 3.72 0.00	113.74 4.11 0.00	129.01 4.17 0.00	154.13 4.61 0.00	104.79 3.53 0.00	82.17 2.27 0.00	79.63 1.60 0.00	56.02 1.37 0.00
SHOEMAKR_138KV_BK 111 55601	49.49 1.67 -0.45	40.75 1.39 0.00	43.09 1.61 0.00	40.70 1.52 0.00	40.51 1.43 0.00	43.63 1.47 0.00	51.25 1.38 0.00	52.47 1.36 0.00	57.99 1.38 0.00	58.81 1.31 0.00	93.61 2.31 0.00	103.35 3.04 0.00	102.73 3.13 0.00	66.31 2.35 0.00	88.87 3.07 0.00	92.04 3.40 0.00	93.82 3.66 0.00	113.64 4.01 0.00	128.87 4.04 0.00	153.97 4.45 0.00	104.69 3.44 0.00	82.10 2.20 0.00	79.55 1.52 0.00	55.97 1.32 0.00
SHOREHAM_IC_1 23715	50.13 2.20 -0.55	41.43 2.07 0.00	43.78 2.30 0.00	41.21 2.03 0.00	40.90 1.83 0.00	43.97 1.82 0.00	51.08 1.22 0.00	49.94 0.60 1.77	44.22 0.75 13.14	58.31 0.81 0.00	91.08 1.38 1.60	61.27 3.03 42.07	68.46 3.16 34.30	67.13 3.19 0.03	89.32 3.72 0.21	92.88 4.42 0.17	97.75 4.95 -2.64	115.62 5.76 -0.23	125.96 4.81 3.69	150.33 5.21 4.39	105.04 3.78 0.00	74.51 1.38 6.77	40.78 0.19 37.43	53.74 0.42 1.33
SHOREHAM_IC_2 23716	50.13 2.21 -0.55	41.43 2.07 0.00	43.78 2.30 0.00	41.21 2.03 0.00	40.90 1.83 0.00	43.97 1.82 0.00	51.08 1.22 0.00	49.94 0.59 1.77	44.22 0.75 13.14	58.31 0.81 0.00	91.12 1.42 1.60	61.39 3.15 42.07	68.58 3.28 34.30	67.13 3.19 0.03	89.31 3.71 0.21	92.88 4.42 0.17	97.75 4.96 -2.64	115.63 5.76 -0.23	125.96 4.82 3.69	150.34 5.22 4.39	105.04 3.79 0.00	74.52 1.39 6.77	40.80 0.20 37.43	53.74 0.42 1.33
SISSONVILLE____ 23735	47.52 0.14 0.00	39.35 -0.01 0.00	41.27 -0.21 0.00	39.03 -0.15 0.00	39.08 0.01 0.00	42.31 0.16 0.00	50.54 0.68 0.00	52.01 0.89 0.00	57.45 0.85 0.00	58.20 0.69 0.00	92.24 0.94 0.00	100.69 0.38 0.00	99.61 0.01 0.00	63.41 -0.55 0.00	85.02 -0.78 0.00	87.51 -1.13 0.00	89.00 -1.16 0.00	108.32 -1.32 0.00	123.02 -1.81 0.00	148.41 -1.11 0.00	100.42 -0.83 0.00	80.07 0.17 0.00	79.42 1.40 0.00	55.68 1.03 0.00
SITHE_IND_GS1 24169	46.31 -1.01 0.06	38.09 -0.85 0.42	39.99 -0.97 0.52	38.15 -0.96 0.07	38.08 -0.99 0.00	40.63 -1.06 0.47	43.15 -1.26 5.46	49.16 -1.33 0.63	52.46 -1.39 2.76	54.62 -1.33 1.56	58.77 -2.03 30.50	63.15 -2.24 34.92	68.70 -1.97 28.93	62.74 -1.23 0.00	84.12 -1.69 0.00	82.80 -1.85 3.99	88.12 -2.04 0.00	107.17 -2.46 0.00	122.29 -2.54 0.00	144.07 -2.67 2.78	93.41 -1.52 6.33	71.66 -1.55 6.69	59.75 -1.66 16.61	52.23 -1.16 1.26
SITHE_IND_GS2 24170	46.31 -1.01 0.06	38.09 -0.85 0.42	39.99 -0.97 0.52	38.15 -0.96 0.07	38.08 -0.99 0.00	40.63 -1.06 0.47	43.15 -1.26 5.46	49.16 -1.33 0.63	52.46 -1.39 2.76	54.62 -1.33 1.56	58.77 -2.03 30.50	63.15 -2.24 34.92	68.70 -1.97 28.93	62.74 -1.23 0.00	84.12 -1.69 0.00	82.80 -1.85 3.99	88.12 -2.04 0.00	107.17 -2.46 0.00	122.29 -2.54 0.00	144.07 -2.67 2.78	93.41 -1.52 6.33	71.66 -1.55 6.69	59.75 -1.66 16.61	52.23 -1.16 1.26
SITHE_IND_GS3 24171	46.31 -1.01 0.06	38.09 -0.85 0.42	39.99 -0.97 0.52	38.15 -0.96 0.07	38.08 -0.99 0.00	40.63 -1.06 0.47	43.15 -1.26 5.46	49.16 -1.33 0.63	52.46 -1.39 2.76	54.62 -1.33 1.56	58.77 -2.03 30.50	63.15 -2.24 34.92	68.70 -1.97 28.93	62.74 -1.23 0.00	84.12 -1.69 0.00	82.80 -1.85 3.99	88.12 -2.04 0.00	107.17 -2.46 0.00	122.29 -2.54 0.00	144.07 -2.67 2.78	93.41 -1.52 6.33	71.66 -1.55 6.69	59.75 -1.66 16.61	52.23 -1.16 1.26
SITHE_IND_GS4 24172	46.31 -1.01 0.06	38.09 -0.85 0.42	39.99 -0.97 0.52	38.15 -0.96 0.07	38.08 -0.99 0.00	40.63 -1.06 0.47	43.15 -1.26 5.46	49.16 -1.33 0.63	52.46 -1.39 2.76	54.62 -1.33 1.56	58.77 -2.03 30.50	63.15 -2.24 34.92	68.70 -1.97 28.93	62.74 -1.23 0.00	84.12 -1.69 0.00	82.80 -1.85 3.99	88.12 -2.04 0.00	107.17 -2.46 0.00	122.29 -2.54 0.00	144.07 -2.67 2.78	93.41 -1.52 6.33	71.66 -1.55 6.69	59.75 -1.66 16.61	52.23 -1.16 1.26

SITHE___BATAVIA 24024	50.65 3.27 0.00	42.05 2.69 0.00	43.42 1.94 0.00	40.46 1.28 0.00	40.11 1.04 0.00	43.41 1.25 0.00	51.81 1.95 0.00	52.57 1.46 0.00	58.77 2.17 0.00	59.83 2.33 0.00	94.76 3.45 0.00	103.93 3.62 0.00	103.99 4.38 0.00	65.87 1.91 0.00	88.10 2.30 0.00	90.50 1.86 0.00	91.63 1.48 0.00	112.23 2.60 0.00	128.72 3.89 0.00	157.27 7.75 0.00	107.23 5.98 0.00	83.02 3.12 0.00	82.72 4.69 0.00	58.22 3.58 0.00
SITHE___INDEPEND 23800	46.32 -1.00 0.06	38.09 -0.85 0.42	39.99 -0.97 0.52	38.15 -0.96 0.07	38.08 -0.99 0.00	40.63 -1.06 0.47	43.15 -1.26 5.46	49.16 -1.33 0.63	52.46 -1.39 2.76	54.62 -1.33 1.56	58.77 -2.03 30.50	63.15 -2.24 34.92	68.68 -1.99 28.93	62.74 -1.23 0.00	84.12 -1.69 0.00	82.80 -1.85 3.99	88.12 -2.04 0.00	107.17 -2.46 0.00	122.30 -2.54 0.00	144.07 -2.67 2.78	93.41 -1.52 6.33	71.66 -1.55 6.69	59.75 -1.66 16.61	52.23 -1.16 1.26
SITHE___MASSENA 23902	47.22 -0.16 0.00	39.22 -0.14 0.00	41.16 -0.33 0.00	38.88 -0.30 0.00	38.89 -0.18 0.00	42.03 -0.12 0.00	50.18 0.31 0.00	51.59 0.48 0.00	57.08 0.47 0.00	57.85 0.34 0.00	91.67 0.37 0.00	100.27 -0.03 0.00	99.41 -0.20 0.00	63.42 -0.55 0.00	85.20 -0.61 0.00	88.11 -0.53 0.00	89.79 -0.37 0.00	109.29 -0.34 0.00	123.98 -0.86 0.00	148.91 -0.61 0.00	100.38 -0.87 0.00	79.84 -0.07 0.00	78.71 0.68 0.00	55.11 0.46 0.00
SITHE___OGDNSBRG 24021	48.38 1.00 0.00	40.11 0.75 0.00	42.04 0.56 0.00	39.71 0.54 0.00	39.76 0.69 0.00	43.04 0.89 0.00	51.50 1.64 0.00	52.90 1.79 0.00	58.18 1.57 0.00	59.01 1.50 0.00	93.63 2.33 0.00	101.74 1.43 0.00	100.18 0.58 0.00	63.72 -0.25 0.00	85.71 -0.09 0.00	88.44 -0.20 0.00	90.40 0.24 0.00	109.85 0.21 0.00	124.87 0.04 0.00	151.16 1.64 0.00	102.66 1.40 0.00	81.87 1.97 0.00	80.94 2.91 0.00	56.54 1.89 0.00
SITHE___STERLING 23777	49.13 1.75 0.00	40.73 1.37 0.00	42.87 1.39 0.00	40.51 1.33 0.00	40.42 1.34 0.00	43.71 1.56 0.00	51.79 1.93 0.00	53.08 1.97 0.00	58.87 2.26 0.00	59.86 2.35 0.00	95.08 3.77 0.00	104.45 4.14 0.00	103.82 4.22 0.00	66.92 2.96 0.00	89.66 3.85 0.00	92.43 3.79 0.00	94.24 4.08 0.00	114.26 4.62 0.00	130.60 5.77 0.00	157.19 7.67 0.00	107.15 5.89 0.00	84.17 4.27 0.00	81.77 3.74 0.00	57.04 2.39 0.00
SLEIGHT__34_KV_TB1 80719	48.89 1.51 0.00	40.57 1.20 -0.02	42.32 0.82 -0.02	39.68 0.50 0.00	39.42 0.34 0.00	42.66 0.49 -0.02	50.88 0.80 -0.22	51.76 0.62 -0.03	57.81 1.09 -0.11	58.98 1.41 -0.06	94.99 2.45 -1.24	104.31 2.58 -1.42	104.10 3.33 -1.17	65.76 1.79 0.00	87.99 2.18 0.00	90.92 2.12 -0.16	91.89 1.73 0.00	112.11 2.48 0.00	128.42 3.59 0.00	155.24 5.61 -0.11	105.79 4.28 -0.26	82.56 2.39 -0.27	80.93 2.23 -0.67	56.26 1.56 -0.05
SMITHTWN_69_KV_BK 1 55830	50.75 2.83 -0.55	41.95 2.59 0.00	44.30 2.82 0.00	41.72 2.54 0.00	41.42 2.35 0.00	44.53 2.38 0.00	51.70 1.84 0.00	50.59 1.24 1.77	43.09 1.27 14.78	58.95 1.44 0.00	92.21 2.49 1.59	62.83 4.37 41.85	69.98 4.49 34.11	67.91 3.98 0.03	90.35 4.74 0.20	93.85 5.38 0.17	98.68 5.88 -2.64	116.52 6.66 -0.23	127.09 5.93 3.67	151.67 6.51 4.37	105.99 4.74 0.00	75.47 2.28 6.72	41.95 1.07 37.15	54.45 1.12 1.32
SOUTH CAIRO___GT 23612	49.22 2.02 0.18	40.94 1.59 0.00	43.28 1.80 0.00	40.94 1.76 0.00	40.84 1.77 0.00	44.01 1.86 0.00	51.81 1.94 0.00	53.10 1.98 0.00	58.57 1.96 0.00	59.06 1.56 0.00	93.43 2.13 0.00	103.38 3.07 0.00	102.24 2.64 0.00	66.00 2.03 0.00	88.42 2.62 0.00	91.06 2.42 0.00	93.70 3.54 0.00	115.63 5.99 0.00	131.90 7.06 0.00	157.34 7.82 0.00	106.70 5.44 0.00	83.96 4.05 0.00	81.14 3.11 0.00	56.69 2.04 0.00
SOUTH HAMPTN___IC 23720	51.16 3.24 -0.55	42.29 2.94 0.00	44.67 3.19 0.00	42.03 2.86 0.00	41.72 2.64 0.00	44.84 2.69 0.00	52.15 2.29 0.00	51.10 1.77 1.78	45.74 2.12 12.99	59.90 2.40 0.00	93.52 3.82 1.60	63.78 5.60 42.14	71.10 5.84 34.35	68.88 4.95 0.03	91.72 6.12 0.21	95.39 6.93 0.17	100.41 7.62 -2.64	118.75 8.89 -0.23	129.33 8.19 3.70	154.18 9.06 4.40	107.34 6.08 0.00	76.17 3.06 6.79	42.47 1.96 37.52	54.82 1.50 1.33
SOUTHDOW_115KV_TB1 355954	51.58 4.20 0.00	42.87 3.51 0.00	44.28 2.80 0.00	41.21 2.04 0.00	40.90 1.83 0.00	44.31 2.17 0.00	52.87 3.00 0.00	53.74 2.63 0.00	60.55 3.95 0.00	62.10 4.60 0.00	98.62 7.31 0.00	108.24 7.93 0.00	107.89 8.29 0.00	68.35 4.39 0.00	91.41 5.60 0.00	94.10 5.46 0.00	95.72 5.56 0.00	117.49 7.86 0.00	135.04 10.20 0.00	164.65 15.14 0.00	112.25 10.99 0.00	86.03 6.13 0.00	84.46 6.43 0.00	59.41 4.77 0.00
SOUTHOLD_69_KV_BK 2 55809	52.33 4.40 -0.55	43.29 3.93 0.00	45.70 4.23 0.00	43.00 3.82 0.00	42.66 3.59 0.00	45.86 3.70 0.00	53.41 3.55 0.00	52.47 3.13 1.78	47.37 3.75 12.99	61.70 4.20 0.00	95.23 5.53 1.60	64.90 6.73 42.13	72.46 7.21 34.35	69.74 5.81 0.03	92.83 7.23 0.21	96.61 8.15 0.17	101.83 9.03 -2.64	120.39 10.53 -0.23	130.99 9.85 3.70	155.81 10.69 4.40	108.05 6.80 0.00	76.71 3.59 6.79	44.31 3.80 37.52	55.88 2.56 1.33
SOUTHOLD___IC 23719	52.33 4.40 -0.55	43.28 3.93 0.00	45.71 4.22 0.00	42.99 3.82 0.00	42.66 3.59 0.00	45.86 3.70 0.00	53.41 3.55 0.00	52.47 3.13 1.78	47.35 3.74 12.99	61.70 4.20 0.00	95.19 5.49 1.60	64.80 6.62 42.13	72.36 7.11 34.35	69.75 5.81 0.03	92.84 7.24 0.21	96.61 8.15 0.17	101.83 9.03 -2.64	120.38 10.51 -0.23	130.99 9.85 3.70	155.80 10.69 4.40	108.06 6.80 0.00	76.69 3.58 6.79	44.31 3.80 37.52	55.88 2.56 1.33
SOUTH_FORK_WT_PWR 323839	52.47 4.55 -0.55	43.46 4.10 0.00	45.92 4.44 0.00	43.18 4.00 0.00	42.84 3.77 0.00	46.05 3.90 0.00	53.66 3.80 0.00	52.73 3.39 1.78	47.65 4.04 12.99	62.03 4.52 0.00	96.24 6.54 1.60	66.39 8.21 42.14	74.07 8.82 34.35	70.84 6.91 0.03	94.27 8.68 0.21	98.09 9.62 0.17	103.30 10.50 -2.64	122.05 12.18 -0.23	132.85 11.72 3.70	157.96 12.85 4.40	109.29 8.03 0.00	77.50 4.39 6.79	44.31 3.80 37.52	55.77 2.45 1.33
SPIERFLS_115KV_TB 1 80737	49.64 2.73 0.47	41.59 2.24 0.00	44.00 2.52 0.00	41.52 2.34 0.00	41.43 2.36 0.00	44.75 2.60 0.00	52.69 2.82 0.00	53.74 2.63 0.00	59.35 2.74 0.00	60.00 2.49 0.00	95.12 3.82 0.00	104.75 4.43 0.00	103.87 4.27 0.00	66.78 2.81 0.00	89.76 3.95 0.00	93.05 4.41 0.00	95.10 4.95 0.00	116.31 6.68 0.00	133.96 9.12 0.00	160.10 10.58 0.00	109.11 7.85 0.00	85.76 5.85 0.00	82.83 4.80 0.00	57.93 3.28 0.00
ST LAWRENCE____ 23600	46.65 -0.73 0.00	38.76 -0.59 0.00	40.71 -0.77 0.00	38.45 -0.73 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.53 -0.34 0.00	50.86 -0.25 0.00	56.32 -0.28 0.00	57.17 -0.34 0.00	90.57 -0.73 0.00	99.29 -1.01 0.00	98.40 -1.20 0.00	62.87 -1.10 0.00	84.48 -1.33 0.00	87.43 -1.21 0.00	89.10 -1.06 0.00	108.51 -1.12 0.00	123.12 -1.72 0.00	147.57 -1.95 0.00	99.40 -1.86 0.00	78.89 -1.02 0.00	77.69 -0.33 0.00	54.33 -0.32 0.00

STATE_CA_115KV_115_LB 55624	47.42 0.48 0.44	39.78 0.42 0.00	42.11 0.63 0.00	39.83 0.65 0.00	39.76 0.69 0.00	42.81 0.66 0.00	50.29 0.42 0.00	51.42 0.31 0.00	56.85 0.24 0.00	57.65 0.15 0.00	91.75 0.44 0.00	101.03 0.73 0.00	100.60 0.99 0.00	64.74 0.77 0.00	86.83 1.02 0.00	89.67 1.03 0.00	91.26 1.11 0.00	110.90 1.26 0.00	126.36 1.53 0.00	150.90 1.38 0.00	102.50 1.24 0.00	80.65 0.75 0.00	78.16 0.13 0.00	54.85 0.20 0.00
STATE_ST_34_KV_LOAD 55959	48.57 1.18 -0.01	40.37 0.97 -0.04	42.39 0.86 -0.05	39.89 0.71 -0.01	39.58 0.51 0.00	42.94 0.74 -0.04	51.27 0.92 -0.49	51.99 0.82 -0.06	57.88 1.03 -0.24	58.69 1.05 -0.14	96.04 2.03 -2.70	105.50 2.11 -3.09	104.71 2.55 -2.56	65.70 1.74 0.00	88.24 2.43 0.00	90.96 1.97 -0.35	91.84 1.67 0.00	111.72 2.09 0.00	127.94 3.10 0.00	154.47 4.71 -0.25	105.54 3.72 -0.56	83.10 2.61 -0.59	81.41 1.91 -1.47	56.15 1.39 -0.11
STATION_5_MISC_HYD 23604	49.58 2.20 0.00	41.15 1.79 0.00	42.74 1.25 0.00	39.98 0.81 0.00	39.69 0.62 0.00	42.91 0.76 0.00	51.04 1.17 0.00	51.99 0.87 0.00	58.21 1.61 0.00	59.57 2.07 0.00	94.70 3.40 0.00	103.94 3.63 0.00	103.80 4.20 0.00	66.16 2.19 0.00	88.53 2.72 0.00	91.37 2.74 0.00	92.51 2.35 0.00	112.91 3.27 0.00	129.24 4.40 0.00	156.52 7.00 0.00	106.40 5.14 0.00	82.71 2.80 0.00	81.04 3.01 0.00	56.86 2.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	49.08 1.70 0.00	40.74 1.37 -0.02	42.48 0.98 -0.02	39.83 0.65 0.00	39.57 0.50 0.00	42.80 0.63 -0.02	51.01 0.94 -0.21	51.91 0.77 -0.02	57.94 1.23 -0.10	59.12 1.56 -0.06	95.16 2.70 -1.16	104.39 2.76 -1.33	104.17 3.47 -1.10	66.00 2.03 0.00	88.30 2.49 0.00	91.25 2.46 -0.15	92.26 2.10 0.00	112.46 2.83 0.00	128.84 4.00 0.00	155.65 6.03 -0.11	106.17 4.67 -0.24	82.77 2.61 -0.25	81.13 2.47 -0.63	56.50 1.80 -0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.24 1.86 0.00	40.86 1.50 0.00	42.46 0.98 0.00	39.73 0.55 0.00	39.45 0.38 0.00	42.64 0.49 0.00	50.70 0.84 0.00	51.69 0.58 0.00	57.87 1.27 0.00	59.23 1.73 0.00	94.14 2.84 0.00	103.32 3.01 0.00	103.24 3.63 0.00	65.85 1.89 0.00	88.15 2.34 0.00	90.99 2.34 0.00	92.13 1.97 0.00	112.44 2.80 0.00	128.68 3.85 0.00	155.74 6.22 0.00	105.83 4.58 0.00	82.28 2.37 0.00	80.56 2.53 0.00	56.48 1.84 0.00
STA_56___34_KV_BUS2 355983	49.24 1.86 0.00	40.86 1.50 0.00	42.46 0.98 0.00	39.73 0.55 0.00	39.45 0.38 0.00	42.64 0.49 0.00	50.70 0.84 0.00	51.69 0.58 0.00	57.87 1.27 0.00	59.23 1.73 0.00	94.14 2.84 0.00	103.32 3.01 0.00	103.24 3.63 0.00	65.85 1.89 0.00	88.15 2.34 0.00	90.99 2.34 0.00	92.13 1.97 0.00	112.44 2.80 0.00	128.68 3.85 0.00	155.74 6.22 0.00	105.83 4.58 0.00	82.28 2.37 0.00	80.56 2.53 0.00	56.48 1.84 0.00
STA_67___115KV_BK2 355882	49.42 2.04 0.00	41.01 1.65 0.00	42.60 1.12 0.00	39.86 0.69 0.00	39.57 0.50 0.00	42.78 0.63 0.00	50.87 1.00 0.00	51.81 0.69 0.00	58.00 1.39 0.00	59.36 1.86 0.00	94.32 3.02 0.00	103.50 3.19 0.00	103.38 3.78 0.00	65.90 1.94 0.00	88.18 2.37 0.00	91.01 2.37 0.00	92.11 1.95 0.00	112.43 2.80 0.00	128.68 3.85 0.00	155.89 6.37 0.00	105.99 4.74 0.00	82.38 2.48 0.00	80.75 2.72 0.00	56.68 2.03 0.00
STA_7___115KV_9TRANS 80674	49.99 2.61 0.00	41.46 2.10 0.00	43.04 1.56 0.00	40.26 1.08 0.00	39.96 0.89 0.00	43.20 1.05 0.00	51.39 1.53 0.00	52.38 1.26 0.00	58.68 2.08 0.00	60.08 2.57 0.00	95.50 4.19 0.00	104.73 4.42 0.00	104.63 5.02 0.00	66.73 2.77 0.00	89.33 3.53 0.00	92.22 3.58 0.00	93.41 3.25 0.00	114.01 4.37 0.00	130.55 5.72 0.00	158.09 8.57 0.00	107.37 6.12 0.00	83.39 3.48 0.00	81.67 3.65 0.00	57.29 2.64 0.00
STA_82___115KV_TB1 80780	49.43 2.05 0.00	41.03 1.68 0.00	42.61 1.13 0.00	39.88 0.70 0.00	39.59 0.52 0.00	42.79 0.64 0.00	50.89 1.03 0.00	51.83 0.71 0.00	58.02 1.41 0.00	59.37 1.87 0.00	94.33 3.03 0.00	103.54 3.23 0.00	103.41 3.81 0.00	65.91 1.95 0.00	88.20 2.39 0.00	91.02 2.38 0.00	92.14 1.98 0.00	112.46 2.83 0.00	128.69 3.85 0.00	155.92 6.40 0.00	106.01 4.76 0.00	82.40 2.50 0.00	80.80 2.77 0.00	56.70 2.05 0.00
STEEL___WIND 323596	49.96 2.58 0.00	41.58 2.22 0.00	42.89 1.41 0.00	39.95 0.77 0.00	39.54 0.47 0.00	42.81 0.66 0.00	51.02 1.15 0.00	51.66 0.54 0.00	58.06 1.46 0.00	59.57 2.07 0.00	94.74 3.43 0.00	104.05 3.74 0.00	103.98 4.38 0.00	65.95 1.99 0.00	88.12 2.32 0.00	90.86 2.22 0.00	92.11 1.95 0.00	112.81 3.18 0.00	129.35 4.52 0.00	157.35 7.83 0.00	107.17 5.91 0.00	82.49 2.59 0.00	81.27 3.25 0.00	57.32 2.68 0.00
STEPHTWN_115KV_BK_2 55603	47.35 0.40 0.42	39.61 0.26 0.00	41.98 0.50 0.00	39.69 0.51 0.00	39.63 0.56 0.00	42.71 0.56 0.00	50.25 0.38 0.00	51.40 0.29 0.00	56.78 0.18 0.00	57.67 0.16 0.00	91.77 0.46 0.00	100.84 0.53 0.00	100.51 0.91 0.00	64.73 0.76 0.00	86.83 1.02 0.00	89.65 1.01 0.00	91.22 1.06 0.00	110.76 1.13 0.00	126.61 1.77 0.00	150.73 1.21 0.00	102.45 1.19 0.00	80.57 0.66 0.00	77.87 -0.15 0.00	54.73 0.08 0.00
STEUBEN_REC_LFGE 323667	50.05 2.67 0.00	41.65 2.30 0.00	43.43 1.94 0.00	40.66 1.48 0.00	40.54 1.47 0.00	43.91 1.76 0.00	52.14 2.28 0.00	53.16 2.04 0.00	59.00 2.39 0.00	60.43 2.93 0.00	96.17 4.86 0.00	104.88 4.57 0.00	104.75 5.14 0.00	66.77 2.81 0.00	89.04 3.23 0.00	92.09 3.45 0.00	93.02 2.86 0.00	113.86 4.23 0.00	130.71 5.88 0.00	158.66 9.15 0.00	108.93 7.67 0.00	84.39 4.49 0.00	82.77 4.74 0.00	58.18 3.53 0.00
STILLWATER___SOLAR 323814	49.24 2.38 0.52	41.32 1.97 0.00	43.70 2.22 0.00	41.25 2.07 0.00	41.14 2.07 0.00	44.43 2.27 0.00	52.31 2.45 0.00	53.38 2.26 0.00	58.97 2.37 0.00	59.65 2.14 0.00	94.90 3.60 0.00	104.51 4.20 0.00	103.68 4.08 0.00	66.59 2.62 0.00	89.46 3.66 0.00	92.56 3.92 0.00	94.51 4.35 0.00	115.34 5.71 0.00	132.14 7.31 0.00	158.12 8.60 0.00	107.55 6.29 0.00	84.54 4.64 0.00	81.84 3.81 0.00	57.35 2.70 0.00
STONY___BROOK 24151	50.65 2.72 -0.55	41.87 2.51 0.00	44.22 2.74 0.00	41.64 2.46 0.00	41.34 2.27 0.00	44.44 2.29 0.00	51.61 1.74 0.00	50.50 1.15 1.77	43.95 1.19 13.84	58.86 1.36 0.00	91.90 2.20 1.60	62.22 3.84 41.93	69.44 4.02 34.18	67.67 3.73 0.03	89.89 4.29 0.20	93.38 4.91 0.17	98.21 5.41 -2.64	115.96 6.09 -0.23	126.43 5.28 3.68	150.86 5.72 4.38	105.44 4.18 0.00	75.15 1.98 6.73	41.65 0.87 37.25	54.33 1.01 1.32
STURGEON_POOL_HYD 23609	49.83 2.18 -0.27	41.17 1.82 0.00	43.55 2.07 0.00	41.15 1.97 0.00	40.94 1.87 0.00	44.10 1.95 0.00	51.74 1.88 0.00	52.99 1.87 0.00	58.61 2.00 0.00	59.50 1.99 0.00	94.67 3.37 0.00	104.69 4.38 0.00	104.12 4.52 0.00	67.35 3.38 0.00	90.22 4.41 0.00	93.44 4.81 0.00	95.33 5.18 0.00	115.36 5.72 0.00	130.53 5.69 0.00	155.91 6.39 0.00	105.93 4.67 0.00	83.08 3.18 0.00	80.36 2.33 0.00	56.53 1.89 0.00

ST_LAW_115_BK7_LBMP 345037	46.65 -0.73 0.00	38.75 -0.61 0.00	40.70 -0.78 0.00	38.44 -0.74 0.00	38.43 -0.64 0.00	41.52 -0.63 0.00	49.55 -0.32 0.00	50.88 -0.24 0.00	56.32 -0.28 0.00	57.16 -0.35 0.00	90.57 -0.74 0.00	99.20 -1.11 0.00	98.31 -1.30 0.00	62.76 -1.20 0.00	84.37 -1.44 0.00	87.32 -1.32 0.00	88.99 -1.17 0.00	108.39 -1.24 0.00	122.91 -1.93 0.00	147.32 -2.19 0.00	99.21 -2.05 0.00	78.80 -1.10 0.00	77.70 -0.33 0.00	54.34 -0.31 0.00
ST_LAW_115_BK8_LBMP 345038	46.65 -0.73 0.00	38.75 -0.61 0.00	40.70 -0.78 0.00	38.44 -0.74 0.00	38.43 -0.64 0.00	41.52 -0.63 0.00	49.55 -0.32 0.00	50.88 -0.24 0.00	56.32 -0.28 0.00	57.16 -0.35 0.00	90.57 -0.74 0.00	99.20 -1.11 0.00	98.31 -1.30 0.00	62.76 -1.20 0.00	84.37 -1.44 0.00	87.32 -1.32 0.00	88.99 -1.17 0.00	108.39 -1.24 0.00	122.91 -1.93 0.00	147.32 -2.19 0.00	99.21 -2.05 0.00	78.80 -1.10 0.00	77.70 -0.33 0.00	54.34 -0.31 0.00
ST_LAW_230_BK5_LBMP 345035	46.65 -0.73 0.00	38.76 -0.59 0.00	40.71 -0.77 0.00	38.45 -0.73 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.53 -0.34 0.00	50.86 -0.25 0.00	56.32 -0.28 0.00	57.17 -0.34 0.00	90.57 -0.73 0.00	99.29 -1.01 0.00	98.40 -1.20 0.00	62.87 -1.10 0.00	84.48 -1.33 0.00	87.43 -1.21 0.00	89.10 -1.06 0.00	108.51 -1.12 0.00	123.12 -1.72 0.00	147.57 -1.95 0.00	99.40 -1.86 0.00	78.89 -1.02 0.00	77.69 -0.33 0.00	54.33 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	46.65 -0.73 0.00	38.76 -0.59 0.00	40.71 -0.77 0.00	38.45 -0.73 0.00	38.44 -0.63 0.00	41.53 -0.62 0.00	49.53 -0.34 0.00	50.86 -0.25 0.00	56.32 -0.28 0.00	57.17 -0.34 0.00	90.57 -0.73 0.00	99.29 -1.01 0.00	98.40 -1.20 0.00	62.87 -1.10 0.00	84.48 -1.33 0.00	87.43 -1.21 0.00	89.10 -1.06 0.00	108.51 -1.12 0.00	123.12 -1.72 0.00	147.57 -1.95 0.00	99.40 -1.86 0.00	78.89 -1.02 0.00	77.69 -0.33 0.00	54.33 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.74 1.90 -0.47	40.92 1.56 0.00	43.27 1.79 0.00	40.86 1.69 0.00	40.64 1.57 0.00	43.76 1.61 0.00	51.39 1.53 0.00	52.64 1.52 0.00	58.20 1.59 0.00	59.06 1.55 0.00	93.99 2.69 0.00	103.87 3.56 0.00	103.38 3.78 0.00	66.71 2.75 0.00	89.47 3.66 0.00	92.63 3.99 0.00	94.30 4.14 0.00	114.15 4.52 0.00	129.33 4.49 0.00	154.43 4.91 0.00	105.03 3.78 0.00	82.33 2.42 0.00	79.71 1.68 0.00	56.15 1.50 0.00
SWANROAD_115KV_TB1 355699	48.62 1.24 0.00	40.49 1.13 0.00	41.72 0.23 0.00	38.80 -0.37 0.00	38.42 -0.65 0.00	41.53 -0.62 0.00	49.51 -0.35 0.00	49.96 -1.15 0.00	56.17 -0.44 0.00	57.62 0.11 0.00	91.47 0.17 0.00	100.55 0.24 0.00	100.49 0.88 0.00	63.60 -0.37 0.00	84.88 -0.93 0.00	87.43 -1.21 0.00	88.59 -1.57 0.00	108.36 -1.27 0.00	124.13 -0.70 0.00	151.26 1.74 0.00	103.00 1.74 0.00	79.37 -0.54 0.00	78.61 0.58 0.00	55.80 1.16 0.00
SYNERGY___BIOGAS 323694	50.64 3.27 0.00	42.04 2.69 0.00	43.42 1.93 0.00	40.45 1.28 0.00	40.11 1.04 0.00	43.40 1.25 0.00	51.80 1.94 0.00	52.57 1.46 0.00	58.77 2.17 0.00	59.83 2.32 0.00	94.71 3.40 0.00	103.86 3.55 0.00	103.92 4.32 0.00	65.87 1.91 0.00	88.10 2.30 0.00	90.50 1.86 0.00	91.65 1.49 0.00	112.23 2.60 0.00	128.72 3.89 0.00	157.27 7.76 0.00	107.25 5.99 0.00	83.01 3.11 0.00	82.72 4.70 0.00	58.22 3.58 0.00
SYRACUSE___ENERGY_ST1 323597	47.47 0.08 -0.01	39.46 0.06 -0.05	41.49 -0.05 -0.06	39.08 -0.11 -0.01	38.92 -0.16 0.00	42.09 -0.12 -0.05	50.36 -0.13 -0.63	51.03 -0.16 -0.07	56.85 -0.07 -0.31	57.73 0.05 -0.18	95.04 0.26 -3.48	104.55 0.25 -3.99	103.56 0.66 -3.30	64.48 0.52 0.00	86.53 0.72 0.00	89.60 0.50 -0.46	90.48 0.32 0.00	110.00 0.36 0.00	125.69 0.85 0.00	151.38 1.54 -0.32	103.44 1.46 -0.72	81.33 0.66 -0.77	80.22 0.29 -1.90	54.94 0.15 -0.14
SYRACUSE___ENERGY_ST2 323598	47.47 0.08 -0.01	39.46 0.06 -0.05	41.49 -0.05 -0.06	39.08 -0.11 -0.01	38.92 -0.16 0.00	42.09 -0.12 -0.05	50.36 -0.13 -0.63	51.03 -0.16 -0.07	56.85 -0.07 -0.31	57.73 0.05 -0.18	95.04 0.26 -3.48	104.55 0.25 -3.99	103.56 0.66 -3.30	64.48 0.52 0.00	86.53 0.72 0.00	89.60 0.50 -0.46	90.48 0.32 0.00	110.00 0.36 0.00	125.69 0.85 0.00	151.38 1.54 -0.32	103.44 1.46 -0.72	81.33 0.66 -0.77	80.22 0.29 -1.90	54.94 0.15 -0.14
SYRACUSE___POWER 24017	47.67 0.29 0.00	39.58 0.21 -0.02	41.63 0.13 -0.02	39.25 0.07 0.00	39.09 0.02 0.00	42.23 0.07 -0.02	50.15 0.09 -0.20	51.20 0.06 -0.02	56.89 0.19 -0.10	57.89 0.33 -0.05	93.05 0.69 -1.05	102.28 0.76 -1.21	101.81 1.20 -1.00	64.86 0.90 0.00	87.01 1.20 0.00	89.80 1.01 -0.14	90.98 0.82 0.00	110.57 0.94 0.00	126.38 1.55 0.00	151.96 2.34 -0.10	103.53 2.04 -0.23	81.18 1.04 -0.24	79.31 0.68 -0.60	55.09 0.39 -0.05
TALLMAN__138KV_BK151 55660	50.04 2.16 -0.50	41.14 1.78 0.00	43.51 2.03 0.00	41.06 1.88 0.00	40.82 1.75 0.00	43.94 1.79 0.00	51.57 1.71 0.00	52.85 1.74 0.00	58.45 1.85 0.00	59.32 1.81 0.00	94.42 3.12 0.00	104.39 4.08 0.00	103.93 4.33 0.00	67.14 3.18 0.00	90.03 4.23 0.00	93.24 4.60 0.00	94.77 4.61 0.00	114.59 4.96 0.00	129.71 4.88 0.00	154.90 5.38 0.00	105.44 4.19 0.00	82.61 2.71 0.00	79.89 1.86 0.00	56.35 1.70 0.00
TEALLAVE_115KV_TB7 355573	47.46 0.08 0.00	39.40 0.03 -0.01	41.43 -0.07 -0.02	39.05 -0.13 0.00	38.91 -0.17 0.00	42.02 -0.15 -0.02	49.89 -0.16 -0.19	50.94 -0.20 -0.02	56.64 -0.05 -0.09	57.66 0.10 -0.05	92.61 0.33 -0.97	101.84 0.42 -1.11	101.32 0.79 -0.92	64.56 0.60 0.00	86.55 0.74 0.00	89.34 0.57 -0.13	90.51 0.35 0.00	110.01 0.38 0.00	125.64 0.81 0.00	151.09 1.47 -0.10	102.87 1.40 -0.22	80.68 0.55 -0.23	78.85 0.25 -0.57	54.80 0.11 -0.04
TELGRAPH_34_KV_EAST 80808	49.56 2.19 0.00	41.21 1.85 0.00	42.51 1.03 0.00	39.58 0.40 0.00	39.21 0.14 0.00	42.41 0.26 0.00	50.58 0.72 0.00	51.19 0.07 0.00	57.49 0.88 0.00	58.92 1.42 0.00	93.51 2.21 0.00	102.71 2.40 0.00	102.62 3.02 0.00	64.99 1.03 0.00	86.80 0.99 0.00	89.42 0.78 0.00	90.51 0.35 0.00	110.77 1.13 0.00	127.03 2.20 0.00	154.89 5.37 0.00	105.52 4.27 0.00	81.41 1.50 0.00	80.49 2.46 0.00	56.87 2.22 0.00
TEMPLE___115KV_TB 2 55572	47.48 0.10 0.00	39.41 0.04 -0.01	41.44 -0.06 -0.01	39.07 -0.11 0.00	38.93 -0.15 0.00	42.05 -0.11 -0.01	49.88 -0.14 -0.15	50.96 -0.17 -0.02	56.58 -0.02 0.00	57.65 0.14 0.00	91.70 0.39 0.00	100.74 0.43 0.00	100.45 0.84 0.00	64.60 0.64 0.00	86.62 0.81 0.00	89.37 0.63 -0.10	90.58 0.42 0.00	110.06 0.43 0.00	125.73 0.89 0.00	151.15 1.55 -0.08	102.89 1.46 -0.17	80.68 0.59 -0.18	78.76 0.28 -0.46	54.81 0.13 -0.04
TIANA____69_KV_BK 1 55817	50.92 3.00 -0.55	42.09 2.73 0.00	44.45 2.96 0.00	41.83 2.66 0.00	41.51 2.44 0.00	44.61 2.47 0.00	51.89 2.02 0.00	50.82 1.48 1.78	45.40 1.78 12.99	59.50 2.00 0.00	92.98 3.28 1.60	63.26 5.08 42.13	70.56 5.31 34.35	68.45 4.51 0.03	91.11 5.52 0.21	94.79 6.32 0.17	99.78 6.99 -2.64	118.01 8.15 -0.23	128.57 7.44 3.70	153.33 8.22 4.40	106.92 5.66 0.00	75.87 2.76 6.79	42.11 1.60 37.52	54.62 1.29 1.33

TILDEN___115KV_TB1 80814	47.67 0.29 0.00	39.58 0.21 -0.02	41.63 0.13 -0.02	39.25 0.07 0.00	39.09 0.02 0.00	42.23 0.07 -0.02	50.15 0.09 -0.20	51.20 0.06 -0.02	56.89 0.19 -0.10	57.89 0.33 -0.05	93.05 0.69 -1.05	102.28 0.76 -1.21	101.81 1.20 -1.00	64.86 0.90 0.00	87.01 1.20 0.00	89.80 1.01 -0.14	90.98 0.82 0.00	110.57 0.94 0.00	126.38 1.55 0.00	151.96 2.34 -0.10	103.53 2.04 -0.23	81.18 1.04 -0.24	79.31 0.68 -0.60	55.09 0.39 -0.05
TRIGEN___CC 323695	50.61 2.69 -0.55	41.72 2.36 0.00	44.08 2.59 0.00	41.55 2.37 0.00	41.30 2.23 0.00	44.43 2.28 0.00	51.83 1.97 0.00	52.30 1.60 0.42	55.96 1.52 2.16	59.11 1.61 0.00	93.92 2.86 0.25	97.97 4.34 6.69	98.81 4.58 5.38	67.86 3.77 -0.12	91.45 4.79 -0.85	94.60 5.25 -0.71	98.72 5.43 -3.14	115.85 5.98 -0.23	129.59 5.41 0.66	155.53 6.30 0.29	106.10 4.84 0.00	84.73 2.57 -2.25	87.54 1.33 -8.19	55.71 1.38 0.31
TRINITY___115KV___4 BK 55933	47.17 0.22 0.43	39.57 0.21 0.00	41.91 0.43 0.00	39.63 0.45 0.00	39.56 0.49 0.00	42.59 0.44 0.00	50.02 0.15 0.00	51.14 0.03 0.00	56.50 -0.10 0.00	57.29 -0.21 0.00	91.16 -0.14 0.00	100.34 0.03 0.00	99.90 0.29 0.00	64.31 0.35 0.00	86.21 0.40 0.00	88.96 0.32 0.00	90.51 0.35 0.00	110.00 0.37 0.00	125.45 0.61 0.00	149.79 0.27 0.00	101.76 0.51 0.00	80.14 0.24 0.00	77.67 -0.35 0.00	54.55 -0.10 0.00
UNION___PROCESSING_DRP 323587	49.45 2.07 0.00	41.04 1.69 0.00	42.63 1.14 0.00	39.88 0.71 0.00	39.60 0.53 0.00	42.79 0.64 0.00	50.90 1.04 0.00	51.83 0.72 0.00	58.04 1.43 0.00	59.39 1.88 0.00	94.41 3.10 0.00	103.55 3.24 0.00	103.44 3.84 0.00	65.94 1.97 0.00	88.24 2.43 0.00	91.05 2.41 0.00	92.16 2.00 0.00	112.52 2.88 0.00	128.77 3.93 0.00	155.98 6.46 0.00	106.06 4.80 0.00	82.44 2.54 0.00	80.81 2.79 0.00	56.71 2.06 0.00
UPPER HUDSON___HYD 24058	49.64 2.73 0.47	41.59 2.23 0.00	44.01 2.53 0.00	41.52 2.34 0.00	41.43 2.36 0.00	44.75 2.60 0.00	52.68 2.82 0.00	53.74 2.63 0.00	59.34 2.74 0.00	60.00 2.49 0.00	95.12 3.82 0.00	104.74 4.43 0.00	103.87 4.26 0.00	66.78 2.81 0.00	89.76 3.96 0.00	93.05 4.41 0.00	95.10 4.94 0.00	116.31 6.68 0.00	133.95 9.12 0.00	160.10 10.58 0.00	109.11 7.85 0.00	85.75 5.85 0.00	82.83 4.80 0.00	57.93 3.28 0.00
UPPER RAQUET___HYD 24056	47.52 0.14 0.00	39.35 -0.01 0.00	41.27 -0.21 0.00	39.03 -0.15 0.00	39.08 0.01 0.00	42.32 0.16 0.00	50.54 0.68 0.00	52.01 0.89 0.00	57.45 0.85 0.00	58.20 0.69 0.00	92.24 0.94 0.00	100.69 0.38 0.00	99.60 0.00 0.00	63.41 -0.55 0.00	85.02 -0.78 0.00	87.51 -1.13 0.00	89.00 -1.16 0.00	108.32 -1.32 0.00	123.02 -1.81 0.00	148.42 -1.10 0.00	100.43 -0.83 0.00	80.07 0.17 0.00	79.42 1.40 0.00	55.68 1.03 0.00
VALLEY44_115KV_TB2 355964	49.53 2.16 0.00	41.13 1.77 0.00	42.68 1.20 0.00	39.87 0.70 0.00	39.54 0.47 0.00	42.80 0.65 0.00	50.95 1.09 0.00	51.86 0.75 0.00	58.11 1.51 0.00	59.34 1.83 0.00	93.66 2.36 0.00	102.41 2.10 0.00	101.86 2.26 0.00	64.60 0.63 0.00	86.42 0.62 0.00	89.30 0.66 0.00	90.70 0.54 0.00	111.35 1.72 0.00	128.08 3.24 0.00	155.98 6.46 0.00	106.57 5.31 0.00	82.17 2.27 0.00	80.83 2.81 0.00	57.12 2.47 0.00
VALLEY___115KV_TB 1-4 80826	48.24 0.86 0.00	40.11 0.75 0.00	42.47 0.99 0.00	40.15 0.98 0.00	40.06 0.99 0.00	43.22 1.07 0.00	50.77 0.91 0.00	51.88 0.77 0.00	57.17 0.57 0.00	57.67 0.16 0.00	91.88 0.58 0.00	100.94 0.63 0.00	100.17 0.57 0.00	64.47 0.50 0.00	86.76 0.95 0.00	89.79 1.16 0.00	91.80 1.63 0.00	112.23 2.59 0.00	128.31 3.48 0.00	153.57 4.05 0.00	104.41 3.16 0.00	82.23 2.33 0.00	79.56 1.53 0.00	55.65 1.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.54 2.16 0.00	41.14 1.78 0.00	43.52 2.04 0.00	41.15 1.97 0.00	40.96 1.89 0.00	44.23 2.07 0.00	51.96 2.10 0.00	53.23 2.11 0.00	59.04 2.43 0.00	60.08 2.57 0.00	95.40 4.10 0.00	104.94 4.63 0.00	104.40 4.80 0.00	67.30 3.34 0.00	90.23 4.42 0.00	93.33 4.69 0.00	94.85 4.69 0.00	115.18 5.55 0.00	131.26 6.42 0.00	157.05 7.53 0.00	106.81 5.56 0.00	83.72 3.82 0.00	81.31 3.28 0.00	56.96 2.32 0.00
VISCHER___FERRY HYD 24020	48.14 1.40 0.64	40.54 1.18 0.00	42.90 1.41 0.00	40.49 1.32 0.00	40.41 1.34 0.00	43.58 1.43 0.00	51.28 1.42 0.00	52.34 1.22 0.00	57.82 1.21 0.00	58.61 1.10 0.00	93.21 1.90 0.00	102.54 2.23 0.00	102.02 2.41 0.00	65.57 1.60 0.00	87.93 2.13 0.00	90.76 2.12 0.00	92.48 2.32 0.00	112.68 3.05 0.00	128.93 4.10 0.00	154.05 4.53 0.00	104.70 3.44 0.00	82.43 2.53 0.00	79.90 1.88 0.00	56.12 1.47 0.00
V_A_10_SYNC_DSASP 323832	48.98 1.60 0.00	40.75 1.39 0.00	42.16 0.68 0.00	39.35 0.17 0.00	39.00 -0.07 0.00	42.15 0.00 0.00	50.18 0.32 0.00	50.87 -0.24 0.00	57.09 0.48 0.00	58.46 0.96 0.00	92.83 1.52 0.00	101.90 1.59 0.00	101.79 2.19 0.00	64.64 0.67 0.00	86.45 0.64 0.00	89.15 0.51 0.00	89.71 -0.45 0.00	109.64 0.01 0.00	125.59 0.76 0.00	152.61 3.09 0.00	104.08 2.83 0.00	80.74 0.84 0.00	79.57 1.55 0.00	56.13 1.48 0.00
V_CMM_10_SYNC_DSASP 323787	46.91 -0.47 0.00	38.97 -0.38 0.00	40.92 -0.56 0.00	38.65 -0.53 0.00	38.64 -0.43 0.00	41.75 -0.40 0.00	49.82 -0.04 0.00	51.17 0.05 0.00	56.65 0.04 0.00	57.47 -0.03 0.00	91.08 -0.23 0.00	99.75 -0.56 0.00	98.54 -1.07 0.00	62.90 -1.07 0.00	84.83 -0.98 0.00	87.81 -0.82 0.00	89.51 -0.65 0.00	108.98 -0.65 0.00	123.06 -1.77 0.00	147.52 -2.00 0.00	99.36 -1.90 0.00	78.98 -0.92 0.00	78.07 0.04 0.00	54.53 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	46.42 -0.96 0.00	38.51 -0.85 0.00	40.54 -0.94 0.00	38.26 -0.91 0.00	38.25 -0.82 0.00	41.40 -0.75 0.00	49.46 -0.40 0.00	50.64 -0.48 0.00	56.10 -0.51 0.00	56.83 -0.68 0.00	89.88 -1.43 0.00	98.45 -1.86 0.00	98.05 -1.55 0.00	63.02 -0.94 0.00	84.72 -1.09 0.00	88.02 -0.62 0.00	90.04 -0.12 0.00	109.92 0.29 0.00	124.94 0.11 0.00	149.27 -0.25 0.00	101.08 -0.18 0.00	80.21 0.30 0.00	78.17 0.15 0.00	54.53 -0.12 0.00
V_D_10_SYNC_DSASP 323841	47.22 -0.16 0.00	39.21 -0.15 0.00	41.16 -0.33 0.00	38.87 -0.30 0.00	38.89 -0.19 0.00	42.03 -0.12 0.00	50.16 0.30 0.00	51.58 0.47 0.00	57.08 0.47 0.00	57.84 0.34 0.00	91.67 0.37 0.00	100.25 -0.06 0.00	99.41 -0.19 0.00	63.42 -0.55 0.00	85.21 -0.59 0.00	88.11 -0.53 0.00	89.80 -0.37 0.00	109.31 -0.32 0.00	123.99 -0.84 0.00	148.92 -0.60 0.00	100.38 -0.87 0.00	79.84 -0.07 0.00	78.69 0.66 0.00	55.10 0.46 0.00
V_E_10_SYNC_DSASP 323830	51.14 3.76 0.00	42.62 3.26 0.00	44.87 3.39 0.00	42.25 3.07 0.00	42.09 3.02 0.00	45.76 3.61 0.00	54.29 4.43 0.00	55.81 4.70 0.00	62.10 5.49 0.00	63.09 5.58 0.00	100.26 8.95 0.00	109.83 9.51 0.00	109.21 9.61 0.00	70.66 6.69 0.00	95.62 9.81 0.00	98.22 9.57 0.00	99.04 8.88 0.00	121.85 12.22 0.00	140.33 15.49 0.00	168.47 18.95 0.00	114.84 13.58 0.00	89.54 9.63 0.00	86.72 8.69 0.00	60.31 5.66 0.00

V_F_30_NSYNC___DSASP 323816	49.35 2.47 0.49	41.40 2.04 0.00	43.75 2.27 0.00	41.31 2.14 0.00	41.20 2.14 0.00	44.49 2.34 0.00	52.41 2.54 0.00	53.50 2.38 0.00	59.10 2.50 0.00	59.80 2.30 0.00	95.15 3.85 0.00	104.73 4.42 0.00	103.96 4.36 0.00	66.79 2.82 0.00	89.74 3.93 0.00	92.84 4.20 0.00	94.79 4.63 0.00	115.59 5.96 0.00	132.39 7.56 0.00	158.44 8.92 0.00	107.77 6.51 0.00	84.69 4.79 0.00	81.98 3.95 0.00	57.45 2.80 0.00
V_F_30_SYNC_DSASP 323786	47.41 0.47 0.44	39.77 0.42 0.00	42.11 0.63 0.00	39.83 0.65 0.00	39.76 0.69 0.00	42.81 0.66 0.00	50.28 0.42 0.00	51.41 0.30 0.00	56.85 0.24 0.00	57.64 0.13 0.00	91.74 0.43 0.00	101.01 0.70 0.00	100.60 0.99 0.00	64.73 0.76 0.00	86.82 1.02 0.00	89.66 1.02 0.00	91.24 1.07 0.00	110.89 1.25 0.00	126.36 1.53 0.00	150.88 1.36 0.00	102.49 1.23 0.00	80.65 0.75 0.00	78.16 0.13 0.00	54.84 0.20 0.00
V_XM_10_SYNC_DSASP 323789	46.42 -0.96 0.00	38.51 -0.85 0.00	40.54 -0.94 0.00	38.26 -0.91 0.00	38.25 -0.82 0.00	41.40 -0.75 0.00	49.46 -0.40 0.00	50.64 -0.48 0.00	56.10 -0.51 0.00	56.83 -0.68 0.00	89.88 -1.43 0.00	98.45 -1.86 0.00	98.05 -1.55 0.00	63.02 -0.94 0.00	84.72 -1.09 0.00	88.02 -0.62 0.00	90.04 -0.12 0.00	109.92 0.29 0.00	124.94 0.11 0.00	149.27 -0.25 0.00	101.08 -0.18 0.00	80.21 0.30 0.00	78.17 0.15 0.00	54.53 -0.12 0.00
W.BABYLN_69_KV_BK1 56697	51.28 3.36 -0.55	42.35 2.99 0.00	44.73 3.25 0.00	42.11 2.93 0.00	41.83 2.76 0.00	44.99 2.84 0.00	52.34 2.48 0.00	51.51 1.97 1.57	47.71 1.99 10.89	59.59 2.08 0.00	93.30 3.39 1.40	68.42 5.24 37.13	73.83 5.30 31.07	68.41 4.46 0.02	91.09 5.40 0.12	94.63 6.09 0.10	99.33 6.50 -2.68	117.43 7.57 -0.23	128.35 6.87 3.35	153.65 8.01 3.88	107.07 5.82 0.00	77.75 3.14 5.29	49.88 1.94 30.08	55.21 1.73 1.17
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.28 2.39 -0.51	41.34 1.98 0.00	43.71 2.23 0.00	41.25 2.07 0.00	41.02 1.95 0.00	44.17 2.02 0.00	51.85 1.99 0.00	53.14 2.03 0.00	58.79 2.18 0.00	59.66 2.15 0.00	94.97 3.67 0.00	104.96 4.65 0.00	104.51 4.91 0.00	67.50 3.54 0.00	90.53 4.73 0.00	93.77 5.13 0.00	95.31 5.15 0.00	115.20 5.57 0.00	130.40 5.57 0.00	155.73 6.21 0.00	105.96 4.70 0.00	83.00 3.10 0.00	80.26 2.24 0.00	56.59 1.94 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.43 2.50 -0.55	41.53 2.17 0.00	43.95 2.47 0.00	41.47 2.30 0.00	41.26 2.19 0.00	44.44 2.29 0.00	52.13 2.26 0.00	53.33 2.22 0.00	58.94 2.33 0.00	59.81 2.31 0.00	95.23 3.93 0.00	105.35 5.04 0.00	105.09 5.48 0.00	67.98 4.01 0.00	91.03 5.23 0.00	94.12 5.48 0.00	95.69 5.53 0.00	115.62 5.98 0.00	130.64 5.81 0.00	156.08 6.56 0.00	106.28 5.03 0.00	83.14 3.24 0.00	80.31 2.29 0.00	56.73 2.08 0.00
W50THST__13_KV_LOAD 356117	50.72 2.80 -0.55	41.81 2.45 0.00	44.27 2.80 0.00	41.78 2.61 0.00	41.56 2.49 0.00	44.78 2.63 0.00	52.54 2.68 0.00	53.76 2.64 0.00	59.41 2.80 0.00	60.32 2.81 0.00	96.06 4.76 0.00	106.28 5.97 0.00	106.03 6.43 0.00	68.61 4.64 0.00	91.88 6.08 0.00	94.96 6.32 0.00	96.51 6.35 0.00	116.58 6.94 0.00	131.61 6.78 0.00	157.09 7.57 0.00	106.98 5.72 0.00	83.59 3.69 0.00	80.72 2.69 0.00	57.01 2.36 0.00
WADING RIVER_IC_1 23522	50.09 2.16 -0.55	41.40 2.04 0.00	43.74 2.26 0.00	41.17 2.00 0.00	40.88 1.81 0.00	43.94 1.79 0.00	51.06 1.20 0.00	49.92 0.58 1.78	44.37 0.74 12.97	58.31 0.81 0.00	91.05 1.35 1.61	61.10 2.95 42.15	68.35 3.11 34.37	67.09 3.16 0.03	89.24 3.64 0.21	92.80 4.33 0.17	97.70 4.90 -2.64	115.51 5.65 -0.23	125.82 4.68 3.70	150.12 5.00 4.40	104.87 3.61 0.00	74.41 1.29 6.79	40.62 0.14 37.55	53.69 0.37 1.33
WADING RIVER_IC_2 23547	50.09 2.16 -0.55	41.40 2.04 0.00	43.74 2.26 0.00	41.17 2.00 0.00	40.88 1.81 0.00	43.94 1.79 0.00	51.06 1.20 0.00	49.92 0.58 1.78	44.37 0.74 12.97	58.31 0.81 0.00	91.05 1.35 1.61	61.10 2.95 42.15	68.35 3.11 34.37	67.09 3.16 0.03	89.24 3.64 0.21	92.80 4.33 0.17	97.70 4.90 -2.64	115.51 5.65 -0.23	125.82 4.68 3.70	150.12 5.00 4.40	104.87 3.61 0.00	74.41 1.29 6.79	40.62 0.14 37.55	53.69 0.37 1.33
WADING RIVER_IC_3 23601	50.09 2.16 -0.55	41.40 2.04 0.00	43.74 2.26 0.00	41.17 2.00 0.00	40.88 1.81 0.00	43.94 1.79 0.00	51.06 1.20 0.00	49.92 0.58 1.78	44.37 0.74 12.97	58.31 0.81 0.00	91.05 1.35 1.61	61.10 2.95 42.15	68.35 3.11 34.37	67.09 3.16 0.03	89.24 3.64 0.21	92.80 4.33 0.17	97.70 4.90 -2.64	115.51 5.65 -0.23	125.82 4.68 3.70	150.12 5.00 4.40	104.87 3.61 0.00	74.41 1.29 6.79	40.62 0.14 37.55	53.69 0.37 1.33
WALDENNY_12_KV_BK2 80841	50.02 2.64 0.00	41.63 2.27 0.00	42.93 1.45 0.00	39.97 0.80 0.00	39.58 0.51 0.00	42.82 0.67 0.00	51.06 1.20 0.00	51.68 0.57 0.00	58.14 1.53 0.00	59.68 2.17 0.00	94.86 3.56 0.00	104.25 3.94 0.00	104.18 4.58 0.00	66.07 2.10 0.00	88.33 2.52 0.00	91.10 2.46 0.00	92.41 2.25 0.00	113.13 3.50 0.00	129.66 4.83 0.00	157.82 8.30 0.00	107.40 6.15 0.00	82.57 2.66 0.00	81.38 3.35 0.00	57.42 2.77 0.00
WALDEN__HYDRO 24148	49.99 2.18 -0.43	41.16 1.80 0.00	43.52 2.04 0.00	41.09 1.92 0.00	40.88 1.80 0.00	44.02 1.87 0.00	51.71 1.85 0.00	52.96 1.85 0.00	58.75 2.15 0.00	59.59 2.09 0.00	94.90 3.59 0.00	104.89 4.58 0.00	104.47 4.87 0.00	67.47 3.51 0.00	90.41 4.61 0.00	93.77 5.13 0.00	95.55 5.39 0.00	115.66 6.02 0.00	130.99 6.15 0.00	156.41 6.89 0.00	106.29 5.03 0.00	83.25 3.35 0.00	80.52 2.49 0.00	56.65 2.00 0.00
WARRENSBURG____ 23737	49.64 2.73 0.47	41.59 2.24 0.00	44.00 2.52 0.00	41.52 2.34 0.00	41.43 2.36 0.00	44.75 2.60 0.00	52.69 2.82 0.00	53.74 2.63 0.00	59.35 2.74 0.00	60.00 2.49 0.00	95.12 3.82 0.00	104.75 4.43 0.00	103.87 4.27 0.00	66.78 2.81 0.00	89.76 3.95 0.00	93.05 4.41 0.00	95.10 4.95 0.00	116.31 6.68 0.00	133.96 9.12 0.00	160.10 10.58 0.00	109.11 7.85 0.00	85.76 5.85 0.00	82.83 4.80 0.00	57.93 3.28 0.00
WATERSIDE____6 8 9 23538	50.29 2.37 -0.55	41.49 2.14 0.00	43.93 2.45 0.00	41.46 2.28 0.00	41.24 2.17 0.00	44.38 2.23 0.00	51.96 2.10 0.00	53.14 2.02 0.00	58.68 2.08 0.00	59.55 2.04 0.00	94.78 3.47 0.00	104.84 4.53 0.00	104.63 5.03 0.00	67.71 3.74 0.00	90.65 4.85 0.00	93.63 4.99 0.00	95.24 5.08 0.00	115.00 5.37 0.00	129.82 5.01 0.03	151.10 5.68 4.09	105.46 4.42 0.21	72.48 2.80 10.22	69.91 1.86 9.98	54.23 1.81 2.23
WATKINRD_115KV_LN8_ILLION 55919	47.98 0.60 0.00	39.88 0.52 0.00	42.18 0.70 0.00	39.88 0.70 0.00	39.78 0.71 0.00	42.91 0.76 0.00	50.48 0.62 0.00	51.61 0.49 0.00	56.96 0.35 0.00	57.57 0.06 0.00	91.62 0.31 0.00	100.64 0.33 0.00	99.95 0.34 0.00	64.31 0.34 0.00	86.45 0.65 0.00	89.43 0.79 0.00	91.31 1.15 0.00	111.37 1.74 0.00	127.24 2.41 0.00	152.34 2.82 0.00	103.49 2.23 0.00	81.54 1.64 0.00	79.05 1.02 0.00	55.33 0.68 0.00

WDELAWARE___HYD 323627	48.54 0.82 -0.34	40.00 0.64 0.00	42.25 0.77 0.00	39.89 0.71 0.00	39.69 0.62 0.00	42.75 0.60 0.00	50.23 0.37 0.00	51.47 0.36 0.00	57.00 0.40 0.00	57.78 0.28 0.00	92.10 0.79 0.00	101.70 1.39 0.00	99.30 -0.30 0.00	64.20 0.23 0.00	86.22 0.41 0.00	89.62 0.98 0.00	92.12 1.96 0.00	111.59 1.96 0.00	126.18 1.35 0.00	150.57 1.05 0.00	102.30 1.04 0.00	81.01 1.11 0.00	78.36 0.34 0.00	55.07 0.42 0.00
WEST BABYLON___IC 23714	51.28 3.36 -0.55	42.35 2.99 0.00	44.73 3.25 0.00	42.11 2.93 0.00	41.83 2.76 0.00	44.99 2.84 0.00	52.34 2.48 0.00	51.51 1.97 1.57	47.71 1.99 10.89	59.59 2.08 0.00	93.30 3.39 1.40	68.42 5.24 37.13	73.83 5.30 31.07	68.41 4.46 0.02	91.09 5.40 0.12	94.63 6.09 0.10	99.33 6.50 -2.68	117.43 7.57 -0.23	128.35 6.87 3.35	153.65 8.01 3.88	107.07 5.82 0.00	77.75 3.14 5.29	49.88 1.94 30.08	55.21 1.73 1.17
WEST CANADA___HYD 24049	47.59 0.20 0.00	39.53 0.17 0.00	41.72 0.24 0.00	39.43 0.26 0.00	39.31 0.24 0.00	42.40 0.25 0.00	50.06 0.20 0.00	51.27 0.15 0.00	56.76 0.15 0.00	57.62 0.12 0.00	91.56 0.26 0.00	100.62 0.31 0.00	99.99 0.39 0.00	64.28 0.32 0.00	86.24 0.43 0.00	89.08 0.44 0.00	90.61 0.45 0.00	110.10 0.46 0.00	125.46 0.63 0.00	150.26 0.74 0.00	101.95 0.69 0.00	80.32 0.41 0.00	78.26 0.23 0.00	54.86 0.21 0.00
WESTERN_NY_WIND 24143	50.57 3.19 0.00	41.98 2.62 0.00	43.35 1.87 0.00	40.39 1.22 0.00	40.04 0.97 0.00	43.33 1.18 0.00	51.71 1.85 0.00	52.47 1.36 0.00	58.71 2.11 0.00	59.80 2.29 0.00	94.74 3.44 0.00	103.86 3.55 0.00	103.96 4.36 0.00	65.87 1.90 0.00	88.12 2.31 0.00	90.48 1.84 0.00	91.62 1.46 0.00	112.21 2.58 0.00	128.72 3.89 0.00	157.28 7.77 0.00	107.25 6.00 0.00	82.98 3.08 0.00	82.58 4.55 0.00	58.12 3.47 0.00
WESTOVER___LESR 323668	48.14 0.76 0.00	40.02 0.66 0.00	42.16 0.68 0.00	39.78 0.60 0.00	39.59 0.52 0.00	42.79 0.64 0.00	50.58 0.71 0.00	51.77 0.66 0.00	57.32 0.72 0.00	58.32 0.82 0.00	92.90 1.59 0.00	101.90 1.59 0.00	101.48 1.88 0.00	65.41 1.44 0.00	87.78 1.97 0.00	90.58 1.94 0.00	91.63 1.47 0.00	111.46 1.82 0.00	127.64 2.81 0.00	153.18 3.66 0.00	104.47 3.22 0.00	81.56 1.66 0.00	79.39 1.36 0.00	55.68 1.03 0.00
WETHRSFD_WT_PWR 323626	49.23 1.86 0.00	40.99 1.63 0.00	42.53 1.05 0.00	39.73 0.55 0.00	39.43 0.35 0.00	42.67 0.52 0.00	50.74 0.87 0.00	51.35 0.23 0.00	57.37 0.76 0.00	58.79 1.28 0.00	93.54 2.24 0.00	102.65 2.34 0.00	102.43 2.83 0.00	65.10 1.13 0.00	86.84 1.03 0.00	89.77 1.13 0.00	90.57 0.41 0.00	110.92 1.29 0.00	127.29 2.45 0.00	154.90 5.38 0.00	106.00 4.74 0.00	81.84 1.94 0.00	80.53 2.50 0.00	56.77 2.13 0.00
WHAVSTOR_138KV_BK127 55557	49.96 2.07 -0.51	41.08 1.73 0.00	43.46 1.98 0.00	41.02 1.84 0.00	40.78 1.72 0.00	43.91 1.76 0.00	51.52 1.66 0.00	52.78 1.66 0.00	58.34 1.74 0.00	59.19 1.68 0.00	94.19 2.89 0.00	104.10 3.79 0.00	103.62 4.02 0.00	66.95 2.98 0.00	89.77 3.96 0.00	92.91 4.27 0.00	94.48 4.32 0.00	114.27 4.64 0.00	129.35 4.52 0.00	154.49 4.97 0.00	105.15 3.89 0.00	82.39 2.49 0.00	79.70 1.68 0.00	56.22 1.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.96 2.07 -0.51	41.08 1.73 0.00	43.46 1.98 0.00	41.02 1.84 0.00	40.78 1.72 0.00	43.91 1.76 0.00	51.52 1.66 0.00	52.78 1.66 0.00	58.34 1.74 0.00	59.19 1.68 0.00	94.19 2.89 0.00	104.10 3.79 0.00	103.62 4.02 0.00	66.95 2.98 0.00	89.77 3.96 0.00	92.91 4.27 0.00	94.48 4.32 0.00	114.27 4.64 0.00	129.35 4.52 0.00	154.49 4.97 0.00	105.15 3.89 0.00	82.39 2.49 0.00	79.70 1.68 0.00	56.22 1.57 0.00
WHITEHAL_115KV_TB1 80871	51.02 4.12 0.48	42.76 3.41 0.00	45.10 3.62 0.00	42.49 3.31 0.00	42.43 3.36 0.00	45.92 3.77 0.00	54.13 4.27 0.00	54.85 3.73 0.00	60.00 3.39 0.00	60.51 3.00 0.00	96.79 5.48 0.00	105.84 5.53 0.00	105.47 5.87 0.00	68.60 4.64 0.00	92.20 6.39 0.00	95.57 6.93 0.00	97.77 7.61 0.00	119.89 10.25 0.00	138.91 14.08 0.00	165.34 15.82 0.00	112.52 11.26 0.00	89.03 9.13 0.00	85.99 7.97 0.00	60.03 5.38 0.00
WHITEPLN_13_KV_LOAD 356215	50.81 2.88 -0.54	41.79 2.43 0.00	44.18 2.70 0.00	41.69 2.52 0.00	41.46 2.39 0.00	44.69 2.54 0.00	52.48 2.62 0.00	53.75 2.64 0.00	59.47 2.87 0.00	60.41 2.90 0.00	96.25 4.94 0.00	106.44 6.13 0.00	106.15 6.55 0.00	68.63 4.67 0.00	91.96 6.15 0.00	95.12 6.48 0.00	96.87 6.71 0.00	117.15 7.52 0.00	132.32 7.49 0.00	157.98 8.46 0.00	107.43 6.17 0.00	84.02 4.12 0.00	81.19 3.16 0.00	57.19 2.54 0.00
WM_FLOYD_69_KV_BK2 356380	50.53 2.61 -0.55	41.78 2.42 0.00	44.12 2.65 0.00	41.55 2.37 0.00	41.24 2.17 0.00	44.32 2.17 0.00	51.53 1.67 0.00	50.39 1.05 1.77	44.70 1.18 13.08	58.79 1.29 0.00	91.90 2.20 1.60	62.22 3.96 42.05	69.40 4.07 34.28	67.61 3.68 0.03	89.98 4.38 0.21	93.52 5.06 0.17	98.41 5.61 -2.64	116.38 6.52 -0.23	126.91 5.77 3.69	151.50 6.37 4.39	105.86 4.61 0.00	75.22 2.08 6.76	41.51 0.88 37.40	54.23 0.91 1.33
WOODARD___115KV_TB2 355635	47.36 -0.02 0.00	39.34 -0.05 -0.03	41.38 -0.15 -0.04	38.99 -0.19 0.00	38.85 -0.23 0.00	41.98 -0.21 -0.04	50.06 -0.24 -0.44	50.88 -0.28 -0.05	56.63 -0.19 -0.22	57.60 -0.03 -0.12	93.84 0.09 -2.45	103.23 0.12 -2.80	102.37 0.45 -2.32	64.34 0.38 0.00	86.29 0.48 0.00	89.28 0.32 -0.32	90.27 0.11 0.00	109.72 0.08 0.00	125.31 0.48 0.00	150.80 1.06 -0.22	102.86 1.09 -0.51	80.79 0.35 -0.54	79.42 0.05 -1.34	54.74 -0.01 -0.10
WOODMERE_69_KV_BK1 55827	51.43 3.51 -0.55	42.36 3.00 0.00	44.74 3.26 0.00	42.16 2.99 0.00	41.87 2.80 0.00	45.05 2.90 0.00	52.57 2.71 0.00	53.28 2.35 0.18	58.49 2.40 0.52	60.04 2.53 0.00	96.02 4.49 -0.22	107.67 6.23 -1.13	108.72 6.37 -2.75	69.38 5.02 -0.39	94.97 6.44 -2.72	97.44 6.53 -2.26	101.00 6.82 -4.02	117.53 7.67 -0.23	132.07 7.18 -0.06	159.65 8.47 -1.66	107.62 6.36 0.00	92.50 3.70 -8.89	118.06 2.34 -37.70	56.66 2.15 0.14
YORK___WARBASSE 23770	50.60 2.68 -0.55	41.75 2.39 0.00	44.11 2.63 0.00	41.60 2.42 0.00	41.36 2.29 0.00	44.51 2.35 0.00	52.04 2.18 0.00	53.25 2.14 0.00	58.85 2.24 0.00	59.66 2.15 0.00	94.91 3.61 0.00	105.05 4.74 0.00	104.88 5.27 0.00	67.80 3.83 0.00	90.75 4.94 0.00	93.52 4.88 0.00	95.22 5.06 0.00	114.92 5.28 0.00	129.84 5.04 0.03	151.73 5.79 3.58	106.08 4.83 0.01	83.07 3.17 0.01	80.26 2.24 0.01	56.76 2.10 0.00