

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/12/2025

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	52.43	44.58	38.34	34.39	35.64	37.54	51.38	53.60	52.50	53.23	56.84	61.13	68.17	68.01	63.26	66.03	61.69	111.21	107.75	90.09	77.91	68.27	77.05	57.89
24138	1.23	1.25	1.11	1.09	1.08	1.06	1.05	1.03	1.57	1.59	1.80	2.10	2.35	3.29	3.71	4.42	4.58	7.79	6.59	5.06	3.76	2.42	1.21	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.56	44.68	38.38	34.44	35.68	37.57	51.39	53.67	52.56	53.28	56.92	61.21	68.29	68.08	63.33	66.07	61.67	111.22	107.85	90.26	78.11	68.47	77.35	58.08
24260	1.36	1.35	1.16	1.13	1.12	1.09	1.06	1.10	1.63	1.64	1.87	2.17	2.48	3.36	3.78	4.45	4.56	7.81	6.70	5.23	3.96	2.62	1.51	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.56	44.68	38.38	34.44	35.68	37.57	51.39	53.67	52.56	53.28	56.92	61.21	68.29	68.08	63.33	66.07	61.67	111.22	107.85	90.26	78.11	68.47	77.35	58.08
24261	1.36	1.35	1.16	1.13	1.12	1.09	1.06	1.10	1.63	1.64	1.87	2.17	2.48	3.36	3.78	4.45	4.56	7.81	6.70	5.23	3.96	2.62	1.51	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.62	45.21	38.97	35.04	36.36	38.33	52.54	54.91	53.04	53.34	56.14	60.43	67.80	67.34	62.36	65.15	60.67	111.36	109.28	92.47	79.24	69.90	80.17	59.89
24011	2.42	1.88	1.74	1.73	1.80	1.85	2.21	2.34	2.11	1.69	1.09	1.40	1.99	2.63	2.81	3.54	3.56	7.95	8.12	7.44	5.09	4.04	4.33	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	53.86	45.29	39.13	35.28	36.63	38.59	52.85	55.32	53.48	53.67	56.38	60.70	68.20	67.77	62.73	65.67	61.16	112.54	110.46	93.43	79.56	70.16	80.69	60.10
23798	2.67	1.96	1.90	1.98	2.06	2.11	2.51	2.76	2.55	2.03	1.33	1.67	2.38	3.05	3.17	4.06	4.05	9.13	9.30	8.40	5.41	4.30	4.85	2.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.62	45.21	38.97	35.04	36.36	38.33	52.54	54.91	53.04	53.34	56.14	60.43	67.80	67.34	62.36	65.15	60.67	111.36	109.28	92.47	79.24	69.90	80.17	59.89
24028	2.42	1.88	1.74	1.73	1.80	1.85	2.21	2.34	2.11	1.69	1.09	1.40	1.99	2.63	2.81	3.54	3.56	7.95	8.12	7.44	5.09	4.04	4.33	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.97	44.99	38.69	34.74	36.02	37.90	51.64	53.92	52.05	52.41	55.18	59.40	66.44	66.18	61.26	63.76	59.11	107.99	105.52	88.72	76.87	68.03	78.25	58.43
23527	1.77	1.66	1.47	1.44	1.46	1.42	1.30	1.35	1.13	0.76	0.14	0.37	0.62	1.47	1.70	2.14	2.00	4.58	4.37	3.69	2.72	2.18	2.41	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	50.71	43.24	37.30	33.46	34.69	36.50	49.73	51.82	50.24	50.73	53.64	57.57	64.30	63.95	59.19	61.44	57.18	103.71	101.24	85.05	73.84	65.34	74.79	56.11
24190	-0.49	-0.09	0.08	0.16	0.12	0.03	-0.60	-0.74	-0.69	-0.91	-1.41	-1.46	-1.51	-0.77	-0.36	-0.18	0.07	0.30	0.08	0.02	-0.31	-0.51	-1.05	-1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	51.62	43.74	37.75	33.74	34.97	36.94	51.22	53.65	51.94	52.56	55.93	59.94	66.63	64.65	58.95	60.64	55.97	101.55	99.10	83.23	73.48	65.69	76.53	57.88
355683	0.57	0.41	0.52	0.44	0.41	0.47	0.88	1.09	1.01	0.91	0.89	0.90	0.81	-0.07	-0.61	-0.97	-1.14	-1.86	-2.06	-1.80	-0.67	-0.17	0.69	0.78
	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
ALBANY_1_SOLAR	51.02	43.46	37.41	33.54	34.69	36.55	49.93	51.87	50.01	50.34	53.32	57.25	63.94	63.49	58.72	60.93	56.69	103.16	101.14	85.14	74.19	65.63	75.20	56.46
323833	-0.17	0.13	0.18	0.23	0.13	0.07	-0.40	-0.70	-0.92	-1.30	-1.72	-1.78	-1.88	-1.22	-0.83	-0.68	-0.42	-0.25	-0.02	0.11	0.04	-0.22	-0.64	-0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	50.99	43.45	37.39	33.52	34.69	36.54	49.93	51.83	49.99	50.32	53.30	57.24	63.91	63.48	58.69	60.91	56.68	103.09	101.10	85.11	74.16	65.61	75.16	56.45
323834	-0.20	0.11	0.16	0.22	0.12	0.06	-0.41	-0.73	-0.94	-1.32	-1.74	-1.80	-1.91	-1.24	-0.87	-0.71	-0.43	-0.32	-0.06	0.08	0.01	-0.25	-0.68	-0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.71	43.24	37.30	33.46	34.69	36.50	49.73	51.82	50.24	50.73	53.64	57.57	64.30	63.95	59.19	61.44	57.18	103.71	101.24	85.05	73.84	65.34	74.79	56.11
23571	-0.49	-0.09	0.08	0.16	0.12	0.03	-0.60	-0.74	-0.69	-0.91	-1.41	-1.46	-1.51	-0.77	-0.36	-0.18	0.07	0.30	0.08	0.02	-0.31	-0.51	-1.05	-1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	50.71 -0.49 0.00	43.24 -0.09 0.00	37.30 0.08 0.00	33.46 0.16 0.00	34.69 0.12 0.00	36.50 0.03 0.00	49.73 -0.60 0.00	51.82 -0.74 0.00	50.24 -0.69 0.00	50.73 -0.91 0.00	53.64 -1.41 0.00	57.57 -1.46 0.00	64.30 -1.51 0.00	63.95 -0.77 0.00	59.19 -0.36 0.00	61.44 -0.18 0.00	57.18 0.07 0.00	103.71 0.30 0.00	101.24 0.08 0.00	85.05 0.02 0.00	73.84 -0.31 0.00	65.34 -0.51 0.00	74.79 -1.05 0.00	56.11 -1.19 0.00
ALBANY___3 23573	50.71 -0.49 0.00	43.24 -0.09 0.00	37.30 0.08 0.00	33.46 0.16 0.00	34.69 0.12 0.00	36.50 0.03 0.00	49.73 -0.60 0.00	51.82 -0.74 0.00	50.24 -0.69 0.00	50.73 -0.91 0.00	53.64 -1.41 0.00	57.57 -1.46 0.00	64.30 -1.51 0.00	63.95 -0.77 0.00	59.19 -0.36 0.00	61.44 -0.18 0.00	57.18 0.07 0.00	103.71 0.30 0.00	101.24 0.08 0.00	85.05 0.02 0.00	73.84 -0.31 0.00	65.34 -0.51 0.00	74.79 -1.05 0.00	56.11 -1.19 0.00
ALBANY___4 23574	50.71 -0.49 0.00	43.24 -0.09 0.00	37.30 0.08 0.00	33.46 0.16 0.00	34.69 0.12 0.00	36.50 0.03 0.00	49.73 -0.60 0.00	51.82 -0.74 0.00	50.24 -0.69 0.00	50.73 -0.91 0.00	53.64 -1.41 0.00	57.57 -1.46 0.00	64.30 -1.51 0.00	63.95 -0.77 0.00	59.19 -0.36 0.00	61.44 -0.18 0.00	57.18 0.07 0.00	103.71 0.30 0.00	101.24 0.08 0.00	85.05 0.02 0.00	73.84 -0.31 0.00	65.34 -0.51 0.00	74.79 -1.05 0.00	56.11 -1.19 0.00
ALBANY___LFGE 323615	51.42 0.23 0.00	43.78 0.44 0.00	37.71 0.48 0.00	33.82 0.51 0.00	35.06 0.50 0.00	36.92 0.44 0.00	50.36 0.03 0.00	52.50 -0.06 0.00	50.91 -0.03 0.00	51.45 -0.19 0.00	54.43 -0.61 0.00	58.50 -0.53 0.00	65.36 -0.45 0.00	65.03 0.31 0.00	60.24 0.68 0.00	62.55 0.93 0.00	58.20 1.08 0.00	105.60 2.19 0.00	103.11 1.95 0.00	86.58 1.55 0.00	75.15 1.00 0.00	66.43 0.57 0.00	75.99 0.15 0.00	56.99 -0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	53.85 1.08 -1.57	44.13 0.79 0.00	38.08 0.85 0.00	34.03 0.72 0.00	35.25 0.69 0.00	37.26 0.78 0.00	51.70 1.37 0.00	54.16 1.59 0.00	52.34 1.41 0.00	52.87 1.23 0.00	56.27 1.22 0.00	60.28 1.25 0.00	66.99 1.18 0.00	64.66 -0.06 0.00	58.82 -0.73 0.00	60.49 -1.12 0.00	55.85 -1.26 0.00	101.30 -2.12 0.00	99.42 -1.74 0.00	83.70 -1.33 0.00	73.61 -0.54 0.00	65.80 -0.06 0.00	77.19 1.36 0.00	60.92 1.49 -2.13
ALCOA_RYNLDS___DRP 24188	53.85 1.08 -1.57	44.13 0.79 0.00	38.08 0.85 0.00	34.03 0.72 0.00	35.25 0.69 0.00	37.26 0.78 0.00	51.70 1.37 0.00	54.16 1.59 0.00	52.34 1.41 0.00	52.87 1.23 0.00	56.27 1.22 0.00	60.28 1.25 0.00	66.99 1.18 0.00	64.66 -0.06 0.00	58.82 -0.73 0.00	60.49 -1.12 0.00	55.85 -1.26 0.00	101.30 -2.12 0.00	99.42 -1.74 0.00	83.70 -1.33 0.00	73.61 -0.54 0.00	65.80 -0.06 0.00	77.19 1.36 0.00	60.92 1.49 -2.13
ALCOA___DSASP 323711	53.85 1.07 -1.57	44.13 0.79 0.00	38.08 0.85 0.00	34.03 0.72 0.00	35.25 0.69 0.00	37.26 0.78 0.00	51.70 1.37 0.00	54.16 1.59 0.00	52.34 1.41 0.00	52.87 1.23 0.00	56.27 1.22 0.00	60.29 1.25 0.00	66.99 1.18 0.00	64.66 -0.06 0.00	58.82 -0.73 0.00	60.49 -1.12 0.00	55.85 -1.26 0.00	101.30 -2.11 0.00	99.42 -1.74 0.00	83.70 -1.33 0.00	73.61 -0.54 0.00	65.80 -0.06 0.00	77.19 1.35 0.00	60.92 1.49 -2.13
ALLEGHENY___COGEN 23514	54.01 2.82 0.00	44.59 1.26 0.00	37.84 0.61 0.00	33.55 0.24 0.00	35.08 0.52 0.00	37.29 0.81 0.00	52.66 2.33 0.00	54.87 2.31 0.00	52.43 1.51 0.00	53.57 1.93 0.00	57.98 2.94 -10.53	70.66 1.10 -26.54	90.13 -2.23 -31.87	94.84 -1.75 -12.97	71.94 -0.58 -2.50	63.67 -0.44 0.00	56.87 -0.25 0.00	100.13 -3.28 0.00	99.29 -1.87 0.00	84.76 -0.27 0.00	74.75 0.60 0.00	66.57 0.71 0.00	75.89 0.05 0.00	62.81 5.51 0.00
ALTAMONT_115KV_TB 2 55880	51.35 0.15 0.00	43.71 0.38 0.00	37.59 0.36 0.00	33.68 0.37 0.00	34.92 0.36 0.00	36.80 0.32 0.00	50.39 0.06 0.00	52.49 -0.08 0.00	50.85 -0.08 0.00	51.35 -0.29 0.00	54.49 -0.55 0.00	58.53 -0.50 0.00	65.33 -0.49 0.00	64.85 0.13 0.00	59.97 0.42 0.00	62.23 0.61 0.00	57.86 0.75 0.00	104.99 1.57 0.00	102.57 1.41 0.00	86.25 1.22 0.00	74.96 0.81 0.00	66.32 0.46 0.00	75.91 0.07 0.00	57.03 -0.28 0.00
ALTONA_WT_PWR 323606	51.40 0.21 0.00	43.38 0.05 0.00	37.45 0.22 0.00	33.57 0.27 0.00	34.76 0.19 0.00	36.57 0.09 0.00	50.65 0.31 0.00	53.39 0.83 0.00	51.77 0.83 0.00	52.44 0.80 0.00	55.93 0.89 0.00	60.03 0.99 0.00	66.82 1.01 0.00	64.85 0.13 0.00	59.08 -0.48 0.00	61.00 -0.61 0.00	56.37 -0.74 0.00	102.30 -1.12 0.00	100.15 -1.01 0.00	84.37 -0.66 0.00	73.93 -0.22 0.00	65.86 0.00 0.00	76.58 0.74 0.00	57.97 0.68 0.00
AMERICAN_REF_FUEL 24010	50.90 1.91 2.21	43.32 -0.01 0.00	36.67 -0.56 0.00	32.53 -0.77 0.00	33.95 -0.61 0.00	36.04 -0.44 0.00	51.02 0.69 0.00	53.17 0.60 0.00	51.62 0.69 0.00	53.95 2.31 0.00	58.55 3.50 -9.02	71.36 3.30 -22.74	91.51 2.96 -27.31	94.93 2.90 -11.11	73.85 3.18 -2.14	66.60 2.84 0.00	57.82 0.71 0.00	102.61 -0.80 0.00	100.17 -0.99 0.00	85.72 0.50 -0.18	75.03 0.87 0.00	65.94 0.08 0.00	76.77 0.94 0.00	60.09 2.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	50.51 2.20 2.89	43.56 0.23 0.00	36.83 -0.40 0.00	32.87 -0.44 0.00	34.76 0.20 0.00	36.85 0.37 0.00	52.36 2.02 0.00	55.00 2.44 0.00	53.39 2.46 0.00	55.68 4.03 0.00	60.64 5.59 -7.27	71.96 5.66 -18.32	89.83 5.70 -21.99	92.04 5.33 -8.95	74.41 5.91 -1.73	69.34 6.00 0.00	61.53 4.41 0.00	108.93 5.52 0.00	106.22 5.06 0.00	91.13 5.86 -0.23	79.15 5.00 0.00	69.44 3.59 0.00	80.37 4.54 0.00	61.95 4.64 0.00
ARTHUR KILL_GT_1 23520	51.92 0.73 0.00	44.44 1.10 0.00	38.10 0.87 0.00	34.17 0.86 0.00	35.32 0.76 0.00	37.22 0.74 0.00	50.73 0.39 0.00	52.57 0.00 0.00	51.69 0.76 0.00	52.17 0.53 0.11	55.58 0.64 0.00	59.85 0.81 0.00	66.82 1.01 0.00	66.77 2.06 0.00	62.12 2.56 0.00	64.92 3.31 0.00	60.74 3.63 0.00	109.72 6.31 0.00	106.47 5.30 -0.01	89.15 4.10 -0.01	77.04 2.87 -0.01	67.45 1.60 0.00	76.18 0.34 0.00	57.35 0.05 0.00
ARTHUR_KILL_2 23512	51.75 0.55 0.00	44.28 0.95 0.00	37.97 0.74 0.00	34.06 0.75 0.00	35.21 0.65 0.00	37.08 0.60 0.00	50.55 0.21 0.00	52.38 -0.18 0.00	51.50 0.56 0.00	51.96 0.33 0.01	55.35 0.42 0.12	59.60 0.57 0.00	66.53 0.72 0.00	66.46 1.74 0.00	61.83 2.28 0.00	64.62 3.01 0.00	60.45 3.34 0.00	109.19 5.78 0.00	105.95 4.78 -0.01	88.69 3.65 -0.01	76.62 2.47 -0.01	67.10 1.24 0.00	75.78 -0.05 0.00	57.06 -0.24 0.00
ARTHUR_KILL_3 23513	51.71 0.51 0.00	44.03 0.69 0.00	37.85 0.63 0.00	33.96 0.65 0.00	35.18 0.62 0.00	37.03 0.55 0.00	50.58 0.25 0.00	52.75 0.19 0.00	51.66 0.72 0.00	52.33 0.68 0.00	55.69 0.76 0.11	60.06 1.02 0.00	66.99 1.17 0.00	66.81 2.09 0.00	62.18 2.62 0.00	64.90 3.29 0.00	60.64 3.53 0.00	109.39 5.98 0.00	106.10 4.94 0.00	88.80 3.77 0.00	76.87 2.72 0.00	67.31 1.45 0.00	75.98 0.15 0.00	57.08 -0.22 0.00

ARTHUR_KILL_COGEN 323718	51.93 0.73 0.00	44.44 1.10 0.00	38.10 0.87 0.00	34.17 0.86 0.00	35.31 0.75 0.00	37.22 0.74 0.00	50.73 0.40 0.00	52.57 0.01 0.00	51.69 0.76 0.00	52.16 0.52 0.01	55.57 0.64 0.12	59.85 0.81 0.00	66.80 0.99 0.00	66.76 2.05 0.00	62.12 2.56 0.00	64.92 3.31 0.00	60.74 3.63 0.00	109.72 6.30 0.00	106.47 5.30 -0.01	89.14 4.10 -0.01	77.04 2.88 -0.01	67.45 1.60 0.00	76.17 0.34 0.00	57.35 0.05 0.00
ASHOKAN____ 23654	52.14 0.94 0.00	44.31 0.98 0.00	38.00 0.77 0.00	34.04 0.74 0.00	35.25 0.69 0.00	37.14 0.66 0.00	50.86 0.53 0.00	53.08 0.51 0.00	51.52 0.59 0.00	51.89 0.25 0.00	55.01 -0.04 0.00	59.08 0.04 0.00	66.08 0.27 0.00	65.99 1.27 0.00	61.36 1.81 0.00	63.98 2.37 0.00	59.78 2.66 0.00	108.83 5.42 0.00	106.89 5.73 0.00	90.02 4.99 0.00	78.04 3.89 0.00	68.51 2.66 0.00	77.70 1.86 0.00	58.04 0.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.91 0.71 0.00	44.33 1.00 0.00	38.05 0.82 0.00	34.20 0.89 0.00	35.24 0.68 0.00	37.11 0.63 0.00	50.56 0.23 0.00	52.77 0.20 0.00	51.77 0.84 0.00	52.25 0.61 0.00	55.71 0.66 0.00	59.84 0.80 0.00	66.75 0.86 -0.07	66.93 1.87 -0.34	61.99 2.37 -0.07	64.65 3.01 -0.03	60.42 3.31 0.00	108.85 5.44 0.00	105.50 4.34 0.00	88.40 3.37 0.00	76.49 2.35 0.01	67.11 1.25 0.01	75.90 0.07 0.01	57.10 -0.19 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.91 0.71 0.00	44.33 1.00 0.00	38.05 0.82 0.00	34.20 0.89 0.00	35.24 0.68 0.00	37.11 0.63 0.00	50.56 0.23 0.00	52.77 0.20 0.00	51.77 0.84 0.00	52.25 0.61 0.00	55.71 0.66 0.00	59.84 0.80 0.00	66.75 0.86 -0.07	66.93 1.87 -0.34	61.99 2.37 -0.07	64.65 3.01 -0.03	60.42 3.31 0.00	108.85 5.44 0.00	105.50 4.34 0.00	88.40 3.37 0.00	76.49 2.35 0.01	67.11 1.25 0.01	75.90 0.07 0.01	57.10 -0.19 0.00
ASTORIA_GT2_1 24094	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT2_2 24095	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT2_3 24096	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT2_4 24097	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT3_1 24098	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT3_2 24099	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT3_3 24100	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT3_4 24101	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT4_1 24102	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT4_2 24103	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT4_3 24104	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00

ASTORIA_GT4_4 24105	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.91 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.47 3.36 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.14 -0.16 0.00
ASTORIA_GT_1 23523	52.06 0.86 0.00	44.43 1.10 0.00	38.14 0.91 0.00	34.27 0.96 0.00	35.32 0.75 0.00	37.20 0.72 0.00	50.70 0.37 0.00	52.93 0.37 0.00	51.92 0.99 0.00	52.41 0.77 0.00	55.88 0.84 0.00	60.04 1.01 0.00	67.00 1.12 -0.07	67.18 2.12 -0.34	62.19 2.57 -0.07	64.87 3.23 -0.03	60.63 3.51 0.00	109.22 5.81 0.00	105.83 4.68 0.00	88.69 3.66 0.00	76.73 2.58 0.00	67.32 1.47 0.00	76.14 0.30 0.00	57.28 -0.02 0.00
ASTORIA_GT_10 24110	51.83 0.63 0.00	44.25 0.92 0.00	38.00 0.77 0.00	34.13 0.83 0.00	35.27 0.71 0.00	37.15 0.67 0.00	50.67 0.34 0.00	52.77 0.21 0.00	51.80 0.87 0.00	52.36 0.72 0.00	55.92 0.87 0.00	60.05 1.02 0.00	66.97 1.15 0.00	66.89 2.17 0.00	62.17 2.62 0.00	64.87 3.26 0.00	60.68 3.56 0.00	109.28 5.87 0.00	105.90 4.75 0.00	88.65 3.62 0.00	76.68 2.53 0.00	67.22 1.37 0.00	75.94 0.10 0.00	57.15 -0.15 0.00
ASTORIA_GT_11 24225	51.83 0.63 0.00	44.25 0.92 0.00	38.00 0.77 0.00	34.13 0.83 0.00	35.27 0.71 0.00	37.15 0.67 0.00	50.67 0.34 0.00	52.77 0.21 0.00	51.80 0.87 0.00	52.36 0.72 0.00	55.92 0.87 0.00	60.05 1.02 0.00	66.97 1.15 0.00	66.89 2.17 0.00	62.17 2.62 0.00	64.87 3.26 0.00	60.68 3.56 0.00	109.28 5.87 0.00	105.90 4.75 0.00	88.65 3.62 0.00	76.68 2.53 0.00	67.22 1.37 0.00	75.94 0.10 0.00	57.15 -0.15 0.00
ASTORIA_GT_12 24226	51.83 0.63 0.00	44.25 0.92 0.00	38.00 0.77 0.00	34.13 0.83 0.00	35.27 0.71 0.00	37.15 0.67 0.00	50.67 0.34 0.00	52.77 0.21 0.00	51.80 0.87 0.00	52.36 0.72 0.00	55.92 0.87 0.00	60.05 1.02 0.00	66.97 1.15 0.00	66.89 2.17 0.00	62.17 2.62 0.00	64.87 3.26 0.00	60.68 3.56 0.00	109.28 5.87 0.00	105.90 4.75 0.00	88.65 3.62 0.00	76.68 2.53 0.00	67.22 1.37 0.00	75.94 0.10 0.00	57.15 -0.15 0.00
ASTORIA_GT_13 24227	51.83 0.63 0.00	44.25 0.92 0.00	38.00 0.77 0.00	34.13 0.83 0.00	35.27 0.71 0.00	37.15 0.67 0.00	50.67 0.34 0.00	52.77 0.21 0.00	51.80 0.87 0.00	52.36 0.72 0.00	55.92 0.87 0.00	60.05 1.02 0.00	66.97 1.15 0.00	66.89 2.17 0.00	62.17 2.62 0.00	64.87 3.26 0.00	60.68 3.56 0.00	109.28 5.87 0.00	105.90 4.75 0.00	88.65 3.62 0.00	76.68 2.53 0.00	67.22 1.37 0.00	75.94 0.10 0.00	57.15 -0.15 0.00
ASTORIA_GT_5 24106	52.06 0.86 0.00	44.43 1.10 0.00	38.14 0.91 0.00	34.27 0.96 0.00	35.32 0.75 0.00	37.20 0.72 0.00	50.70 0.37 0.00	52.93 0.37 0.00	51.92 0.99 0.00	52.41 0.77 0.00	55.88 0.84 0.00	60.04 1.01 0.00	67.00 1.12 -0.07	67.18 2.12 -0.34	62.19 2.57 -0.07	64.87 3.23 -0.03	60.63 3.51 0.00	109.22 5.81 0.00	105.83 4.68 0.00	88.69 3.66 0.00	76.73 2.58 0.00	67.32 1.47 0.00	76.14 0.30 0.00	57.28 -0.02 0.00
ASTORIA_GT_7 24107	52.06 0.86 0.00	44.43 1.10 0.00	38.14 0.91 0.00	34.27 0.96 0.00	35.32 0.75 0.00	37.20 0.72 0.00	50.70 0.37 0.00	52.93 0.37 0.00	51.92 0.99 0.00	52.41 0.77 0.00	55.88 0.84 0.00	60.04 1.01 0.00	67.00 1.12 -0.07	67.18 2.12 -0.34	62.19 2.57 -0.07	64.87 3.23 -0.03	60.63 3.51 0.00	109.22 5.81 0.00	105.83 4.68 0.00	88.69 3.66 0.00	76.73 2.58 0.00	67.32 1.47 0.00	76.14 0.30 0.00	57.28 -0.02 0.00
ASTORIA_GT_8 24108	52.06 0.86 0.00	44.43 1.10 0.00	38.14 0.91 0.00	34.27 0.96 0.00	35.32 0.75 0.00	37.20 0.72 0.00	50.70 0.37 0.00	52.93 0.37 0.00	51.92 0.99 0.00	52.41 0.77 0.00	55.88 0.84 0.00	60.04 1.01 0.00	67.00 1.12 -0.07	67.18 2.12 -0.34	62.19 2.57 -0.07	64.87 3.23 -0.03	60.63 3.51 0.00	109.22 5.81 0.00	105.83 4.68 0.00	88.69 3.66 0.00	76.73 2.58 0.00	67.32 1.47 0.00	76.14 0.30 0.00	57.28 -0.02 0.00
ASTORIA___2 24149	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.83 0.00	34.21 0.90 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.60 0.26 0.00	52.80 0.24 0.00	51.80 0.86 0.00	52.28 0.64 0.00	55.73 0.69 0.00	59.87 0.84 0.00	66.77 0.89 -0.07	66.98 1.92 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.46 3.35 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.53 2.39 0.01	67.14 1.29 0.01	75.95 0.11 0.01	57.14 -0.16 0.00
ASTORIA___3 23516	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.83 0.00	34.21 0.90 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.60 0.26 0.00	52.80 0.23 0.00	51.80 0.86 0.00	52.28 0.64 0.00	55.73 0.69 0.00	59.87 0.84 0.00	66.77 0.89 -0.07	66.97 1.91 -0.34	62.02 2.40 -0.07	64.68 3.04 -0.03	60.45 3.34 0.00	108.90 5.49 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.53 2.39 0.01	67.14 1.29 0.01	75.95 0.11 0.01	57.14 -0.16 0.00
ASTORIA___4 23517	51.95 0.76 0.00	44.34 1.01 0.00	38.06 0.84 0.00	34.21 0.90 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.59 0.26 0.00	52.80 0.24 0.00	51.79 0.86 0.00	52.29 0.64 0.00	55.74 0.69 0.00	59.87 0.84 0.00	66.81 0.92 -0.07	66.99 1.93 -0.34	62.01 2.39 -0.07	64.68 3.04 -0.03	60.46 3.35 0.00	108.90 5.48 0.00	105.53 4.37 0.00	88.44 3.41 0.00	76.55 2.40 0.00	67.15 1.29 0.00	75.95 0.11 0.00	57.13 -0.17 0.00
ASTORIA___5 23518	51.82 0.63 0.00	44.25 0.92 0.00	38.00 0.77 0.00	34.13 0.83 0.00	35.27 0.71 0.00	37.15 0.67 0.00	50.68 0.34 0.00	52.77 0.20 0.00	51.80 0.87 0.00	52.36 0.71 0.00	55.92 0.87 0.00	60.05 1.02 0.00	66.94 1.13 0.00	66.86 2.15 0.00	62.17 2.61 0.00	64.87 3.26 0.00	60.67 3.56 0.00	109.29 5.88 0.00	105.90 4.75 0.00	88.64 3.61 0.00	76.67 2.53 0.01	67.22 1.37 0.01	75.93 0.10 0.01	57.15 -0.14 0.00
AST_ENERGY_2_CC3 323677	51.89 0.69 0.00	44.13 0.79 0.00	37.93 0.70 0.00	34.07 0.76 0.00	35.28 0.72 0.00	37.12 0.64 0.00	50.71 0.37 0.00	52.91 0.35 0.00	51.81 0.87 0.00	52.49 0.84 0.00	56.00 0.95 0.00	60.25 1.22 0.00	67.21 1.39 0.00	67.02 2.31 0.00	62.38 2.83 0.00	65.10 3.49 0.00	60.80 3.69 0.00	109.67 6.26 0.00	106.34 5.18 0.00	89.00 3.97 0.00	77.04 2.88 0.00	67.52 1.66 0.00	76.26 0.42 0.00	57.28 -0.02 0.00
AST_ENERGY_2_CC4 323678	51.89 0.69 0.00	44.13 0.79 0.00	37.93 0.70 0.00	34.07 0.76 0.00	35.28 0.72 0.00	37.12 0.64 0.00	50.71 0.37 0.00	52.91 0.35 0.00	51.81 0.87 0.00	52.49 0.84 0.00	56.00 0.95 0.00	60.25 1.22 0.00	67.21 1.39 0.00	67.02 2.31 0.00	62.38 2.83 0.00	65.10 3.49 0.00	60.80 3.69 0.00	109.67 6.26 0.00	106.34 5.18 0.00	89.00 3.97 0.00	77.04 2.88 0.00	67.52 1.66 0.00	76.26 0.42 0.00	57.28 -0.02 0.00

ATHENS_STG_1 23668	51.28 0.08 0.00	43.71 0.38 0.00	37.56 0.33 0.00	33.67 0.36 0.00	34.90 0.34 0.00	36.76 0.28 0.00	50.32 -0.01 0.00	52.42 -0.14 0.00	50.92 -0.01 0.00	51.46 -0.18 0.00	54.74 -0.30 0.00	58.85 -0.19 0.00	65.66 -0.16 0.00	65.28 0.56 0.00	60.41 0.86 0.00	62.75 1.14 0.00	58.40 1.29 0.00	105.73 2.31 0.00	103.01 1.85 0.00	86.49 1.45 0.00	75.13 0.98 0.00	66.39 0.53 0.00	75.70 -0.14 0.00	56.86 -0.44 0.00
ATHENS_STG_2 23670	51.28 0.08 0.00	43.71 0.38 0.00	37.56 0.33 0.00	33.67 0.36 0.00	34.90 0.34 0.00	36.76 0.28 0.00	50.32 -0.01 0.00	52.42 -0.14 0.00	50.92 -0.01 0.00	51.46 -0.18 0.00	54.74 -0.30 0.00	58.85 -0.19 0.00	65.66 -0.16 0.00	65.28 0.56 0.00	60.41 0.86 0.00	62.75 1.14 0.00	58.40 1.29 0.00	105.73 2.31 0.00	103.01 1.85 0.00	86.49 1.45 0.00	75.13 0.98 0.00	66.39 0.53 0.00	75.70 -0.14 0.00	56.86 -0.44 0.00
ATHENS_STG_3 23677	51.28 0.08 0.00	43.71 0.38 0.00	37.56 0.33 0.00	33.67 0.36 0.00	34.90 0.34 0.00	36.76 0.28 0.00	50.32 -0.01 0.00	52.42 -0.14 0.00	50.92 -0.01 0.00	51.46 -0.18 0.00	54.74 -0.30 0.00	58.85 -0.19 0.00	65.66 -0.16 0.00	65.28 0.56 0.00	60.41 0.86 0.00	62.75 1.14 0.00	58.40 1.29 0.00	105.73 2.31 0.00	103.01 1.85 0.00	86.49 1.45 0.00	75.13 0.98 0.00	66.39 0.53 0.00	75.70 -0.14 0.00	56.86 -0.44 0.00
AUBURN___LFGE 323710	52.20 0.93 -0.07	43.71 0.37 0.00	37.47 0.20 -0.04	33.32 0.02 0.00	34.77 0.21 0.00	36.78 0.31 0.00	50.90 0.56 0.00	53.41 0.75 -0.09	52.17 0.59 -0.65	52.54 0.89 0.00	56.37 1.33 0.00	60.14 1.11 0.00	67.37 1.56 0.00	66.60 1.88 0.00	61.42 1.86 0.00	63.54 1.93 0.00	58.70 1.59 0.00	106.11 2.70 0.00	104.77 3.16 -0.46	93.48 3.70 -4.75	80.57 3.22 -3.20	70.20 2.36 -1.98	78.41 2.11 -0.46	58.81 1.51 0.00
BABYLON_RES_REC 323704	51.66 0.47 0.00	43.84 0.50 0.00	37.67 0.44 0.00	33.69 0.39 0.00	34.91 0.35 0.00	36.76 0.29 0.00	49.91 -0.43 0.00	52.37 -0.20 0.00	51.20 0.27 0.00	52.17 0.53 0.00	56.35 1.14 -0.17	61.41 0.82 -1.55	72.00 1.04 -5.15	73.34 2.40 -6.23	74.89 2.20 -13.15	72.16 3.05 -7.49	72.44 3.39 -11.93	118.27 5.52 -9.34	113.69 4.65 -7.88	97.28 3.39 -8.86	76.23 2.07 0.00	66.94 1.09 0.00	75.18 -0.66 0.00	56.90 -0.40 0.00
BALL_HILL_WT_PWR 323825	50.91 2.37 2.66	43.82 0.48 0.00	37.14 -0.09 0.00	32.97 -0.34 0.00	34.55 -0.01 0.00	36.62 0.14 0.00	51.87 1.53 0.00	54.34 1.77 0.00	52.80 1.86 0.00	54.98 3.34 0.00	59.74 4.69 0.00	71.19 4.63 -7.53	89.51 4.72 -18.97	92.13 4.63 -22.78	73.80 4.98 -9.27	68.37 4.97 -1.79	60.42 3.31 0.00	107.27 3.86 0.00	104.81 3.65 0.00	89.65 4.41 -0.20	77.92 3.76 0.00	68.40 2.55 0.00	79.03 3.19 0.00	61.05 3.75 0.00
BARON_WINDS___WT_PWR 323822	53.52 0.88 -1.44	43.19 -0.14 0.00	36.74 -0.50 -0.01	32.57 -0.73 0.00	34.11 -0.45 0.00	36.12 -0.35 0.00	50.83 0.50 0.00	53.05 0.46 -0.03	51.46 0.36 -0.18	52.82 1.18 0.00	57.06 2.02 0.00	65.51 1.74 -4.74	79.57 1.82 -11.94	81.08 2.03 -14.33	68.01 2.63 -5.83	65.41 2.68 -1.13	59.00 1.88 0.00	105.59 2.18 0.00	103.96 2.67 -0.12	89.73 3.39 -1.31	78.02 2.99 -0.88	68.57 2.17 -0.54	77.99 2.02 -0.13	59.66 2.36 0.00
BARRETT_IC_1 23704	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	67.50 1.30 -0.38	68.86 2.25 -1.90	59.97 2.25 1.83	63.83 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_10 23701	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	62.64 1.30 4.48	44.66 2.25 22.30	55.22 2.25 6.59	61.62 3.07 3.07	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_11 23702	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	62.64 1.30 4.48	44.66 2.25 22.30	55.22 2.25 6.59	61.62 3.07 3.07	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_12 23703	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	62.64 1.30 4.48	44.66 2.25 22.30	55.22 2.25 6.59	61.62 3.07 3.07	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_2 23705	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	67.50 1.30 -0.38	68.86 2.25 -1.90	59.97 2.25 1.83	63.83 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_3 23706	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	67.50 1.30 -0.38	68.86 2.25 -1.90	59.97 2.25 1.83	63.83 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_4 23707	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	67.50 1.30 -0.38	68.86 2.25 -1.90	59.97 2.25 1.83	63.83 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_5 23708	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	67.50 1.30 -0.38	68.86 2.25 -1.90	59.97 2.25 1.83	63.83 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01

BARRETT_IC_6 23709	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	67.50 1.30 -0.38	68.86 2.25 -1.90	59.97 2.25 1.83	63.83 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_7 23710	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.57 0.00	35.11 0.56 0.00	36.96 0.48 0.00	50.21 -0.13 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.24 0.60 0.00	56.20 0.99 -0.17	59.98 0.94 0.00	67.52 1.32 -0.38	68.92 2.31 -1.90	59.99 2.27 1.83	63.82 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.29 2.14 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.31 0.01 0.00
BARRETT_IC_8 23711	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	67.50 1.30 -0.38	68.86 2.25 -1.90	59.97 2.25 1.83	63.83 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT_IC_9 23700	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	62.64 1.30 4.48	44.66 2.25 22.30	55.22 2.25 6.59	61.62 3.07 3.07	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT___1 23545	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	67.50 1.30 -0.38	68.86 2.25 -1.90	59.97 2.25 1.83	63.83 3.07 0.85	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BARRETT___2 23546	51.91 0.71 0.00	44.08 0.75 0.00	37.86 0.63 0.00	33.88 0.58 0.00	35.11 0.56 0.00	36.97 0.49 0.00	50.21 -0.12 0.00	52.54 -0.03 0.00	51.35 0.42 0.00	52.25 0.60 0.00	56.21 0.99 -0.17	59.99 0.95 0.00	62.64 1.30 4.48	44.66 2.25 22.30	55.22 2.25 6.59	61.62 3.07 3.07	60.51 3.40 0.00	109.00 5.59 0.00	105.76 4.60 0.00	88.41 3.38 0.00	76.30 2.15 0.00	67.14 1.28 0.00	75.78 -0.06 0.00	57.32 0.01 -0.01
BATAVIA__115KV_TB1 55881	55.18 3.99 0.00	45.14 1.81 0.00	38.20 0.98 0.00	33.90 0.59 0.00	35.38 0.82 0.00	37.59 1.11 0.00	53.11 2.78 0.00	55.55 2.98 0.00	53.81 2.88 0.00	55.89 4.25 0.00	60.09 5.05 0.00	77.24 4.67 -13.53	104.90 4.97 -34.12	110.70 5.02 -40.96	81.70 5.48 -16.66	70.07 5.25 -3.21	60.13 3.02 0.00	107.42 4.01 0.00	105.31 4.15 0.00	90.63 5.25 -0.34	79.02 4.87 0.00	69.28 3.43 0.00	80.19 4.35 0.00	62.71 5.40 -0.01
BAYONEEC___CTG1 323682	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BAYONEEC___CTG10 323750	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BAYONEEC___CTG2 323683	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BAYONEEC___CTG3 323684	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BAYONEEC___CTG4 323685	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BAYONEEC___CTG5 323686	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BAYONEEC___CTG6 323687	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BAYONEEC___CTG7 323688	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00

BAYONEEC___CTG8 323689	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BAYONEEC___CTG9 323749	52.00 0.81 0.00	44.24 0.90 0.00	38.01 0.79 0.00	34.12 0.81 0.00	35.34 0.77 0.00	37.20 0.72 0.00	50.83 0.50 0.00	53.02 0.45 0.00	51.91 0.97 0.00	52.57 0.93 0.00	56.11 1.06 0.00	60.37 1.33 0.00	67.32 1.51 0.00	67.15 2.43 0.00	62.48 2.92 0.00	65.21 3.60 0.00	60.89 3.78 0.00	109.86 6.45 0.00	106.54 5.38 0.00	89.17 4.14 0.00	77.18 3.03 0.00	67.63 1.77 0.00	76.38 0.54 0.00	57.38 0.08 0.00
BEACON___LESR 323632	51.49 0.30 0.00	43.72 0.39 0.00	37.71 0.49 0.00	33.77 0.46 0.00	35.03 0.47 0.00	36.92 0.44 0.00	50.36 0.03 0.00	52.54 -0.03 0.00	50.87 -0.06 0.00	51.42 -0.22 0.00	54.42 -0.63 0.00	58.47 -0.57 0.00	65.31 -0.50 0.00	64.84 0.12 0.00	60.10 0.55 0.00	62.44 0.82 0.00	58.24 1.13 0.00	105.81 2.40 0.00	103.33 2.16 0.00	86.64 1.61 0.00	75.18 1.02 0.00	66.44 0.58 0.00	75.94 0.10 0.00	56.88 -0.42 0.00
BEAVER RIVER___HYD 24048	52.70 1.06 -0.44	43.94 0.61 0.00	37.67 0.42 -0.02	33.70 0.39 0.00	35.06 0.50 0.00	37.52 1.04 0.00	52.64 2.31 0.00	55.38 2.76 -0.05	53.71 2.42 -0.35	53.86 2.22 0.00	57.23 2.19 0.00	60.91 1.87 0.00	67.71 1.90 0.00	65.75 1.03 0.00	60.16 0.61 0.00	62.33 0.72 0.00	57.90 0.79 0.00	105.78 2.36 0.00	105.17 3.77 -0.25	92.16 4.55 -2.58	80.63 4.74 -1.73	71.21 4.28 -1.07	81.98 5.89 -0.25	62.23 4.39 -0.54
BEEBEE_GT_13 23619	53.53 2.34 0.00	44.22 0.88 0.00	37.59 0.36 0.00	33.42 0.12 0.00	34.80 0.24 0.00	36.91 0.44 0.00	51.80 1.46 0.00	54.21 1.65 0.00	52.67 1.74 0.00	54.52 2.88 0.00	58.95 3.91 -17.94	81.11 4.14 -45.21	115.51 4.48 -54.29	123.55 4.54 -22.09	86.19 4.55 -4.26	70.38 4.51 0.00	60.12 3.00 0.00	107.51 4.10 0.00	105.29 4.13 0.00	89.45 4.42 0.00	78.00 3.85 0.00	68.68 2.82 0.00	79.06 3.22 0.00	60.52 3.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.53 1.33 0.00	44.83 1.50 0.00	38.42 1.19 0.00	34.46 1.16 0.00	35.62 1.06 0.00	37.53 1.05 0.00	51.24 0.91 0.00	53.26 0.69 0.00	52.37 1.44 0.00	52.96 1.32 0.00	56.62 1.58 0.00	60.85 1.81 0.00	67.90 2.09 0.00	67.86 3.15 0.00	63.12 3.56 0.00	65.88 4.27 0.00	61.56 4.45 0.00	111.03 7.62 0.00	107.64 6.47 -0.01	90.11 5.07 -0.01	77.96 3.80 -0.01	68.32 2.47 0.00	77.17 1.33 0.00	58.04 0.75 0.00
BETHLEHEM___GRP 23843	50.71 -0.49 0.00	43.24 -0.09 0.00	37.30 0.08 0.00	33.46 0.16 0.00	34.69 0.12 0.00	36.50 0.03 0.00	49.73 -0.60 0.00	51.82 -0.74 0.00	50.24 -0.69 0.00	50.73 -0.91 0.00	53.64 -1.41 0.00	57.57 -1.46 0.00	64.30 -1.51 0.00	63.95 -0.77 0.00	59.19 -0.36 0.00	61.44 -0.18 0.00	57.18 0.07 0.00	103.71 0.30 0.00	101.24 0.08 0.00	85.05 0.02 0.00	73.84 -0.31 0.00	65.34 -0.51 0.00	74.79 -1.05 0.00	56.11 -1.19 0.00
BETHLEHEM___GS1 323560	50.70 -0.49 0.00	43.24 -0.09 0.00	37.30 0.08 0.00	33.46 0.16 0.00	34.69 0.13 0.00	36.50 0.03 0.00	49.74 -0.60 0.00	51.82 -0.75 0.00	50.24 -0.69 0.00	50.74 -0.91 0.00	53.64 -1.41 0.00	57.57 -1.47 0.00	64.30 -1.52 0.00	63.94 -0.78 0.00	59.20 -0.36 0.00	61.43 -0.18 0.00	57.19 0.08 0.00	103.72 0.30 0.00	101.24 0.08 0.00	85.05 0.02 0.00	73.84 -0.31 0.00	65.34 -0.51 0.00	74.79 -1.05 0.00	56.11 -1.19 0.00
BETHLEHEM___GS2 323561	50.70 -0.49 0.00	43.24 -0.09 0.00	37.30 0.08 0.00	33.46 0.16 0.00	34.69 0.13 0.00	36.50 0.03 0.00	49.74 -0.60 0.00	51.82 -0.75 0.00	50.24 -0.69 0.00	50.74 -0.91 0.00	53.64 -1.41 0.00	57.57 -1.47 0.00	64.30 -1.52 0.00	63.94 -0.78 0.00	59.20 -0.36 0.00	61.43 -0.18 0.00	57.19 0.08 0.00	103.72 0.30 0.00	101.24 0.08 0.00	85.05 0.02 0.00	73.84 -0.31 0.00	65.34 -0.51 0.00	74.79 -1.05 0.00	56.11 -1.19 0.00
BETHLEHEM___GS3 323562	50.70 -0.49 0.00	43.24 -0.09 0.00	37.30 0.08 0.00	33.46 0.16 0.00	34.69 0.13 0.00	36.50 0.03 0.00	49.74 -0.60 0.00	51.82 -0.75 0.00	50.24 -0.69 0.00	50.74 -0.91 0.00	53.64 -1.41 0.00	57.57 -1.47 0.00	64.30 -1.52 0.00	63.94 -0.78 0.00	59.20 -0.36 0.00	61.43 -0.18 0.00	57.19 0.08 0.00	103.72 0.30 0.00	101.24 0.08 0.00	85.05 0.02 0.00	73.84 -0.31 0.00	65.34 -0.51 0.00	74.79 -1.05 0.00	56.11 -1.19 0.00
BETHLEHEM___STEEL 23779	54.04 2.84 0.00	44.13 0.79 0.00	37.37 0.14 0.00	33.14 -0.16 0.00	34.59 0.03 0.00	36.70 0.22 0.00	51.98 1.64 0.00	54.41 1.84 0.00	52.92 1.99 0.00	55.22 3.58 0.00	59.99 4.94 -7.84	71.80 4.93 -19.75	90.58 5.01 -23.72	93.39 4.96 -9.65	74.43 5.23 -1.86	68.56 5.09 0.00	60.28 3.16 0.00	107.22 3.81 0.00	104.77 3.61 0.00	89.63 4.25 -0.35	77.93 3.78 0.00	68.34 2.49 0.00	79.11 3.27 0.00	61.25 3.94 0.00
BETHLHEM_115KV_TB1 79974	50.84 -0.36 0.00	43.34 0.00 0.00	37.35 0.12 0.00	33.49 0.19 0.00	34.72 0.16 0.00	36.56 0.08 0.00	49.86 -0.48 0.00	51.95 -0.62 0.00	50.36 -0.57 0.00	50.86 -0.78 0.00	53.81 -1.24 0.00	57.78 -1.26 0.00	64.52 -1.29 0.00	64.14 -0.58 0.00	59.36 -0.20 0.00	61.60 -0.01 0.00	57.34 0.22 0.00	103.96 0.55 0.00	101.49 0.33 0.00	85.22 0.19 0.00	74.06 -0.09 0.00	65.52 -0.34 0.00	74.97 -0.87 0.00	56.28 -1.02 0.00
BETHPAGE_CC_5 323564	51.78 0.58 0.00	43.95 0.62 0.00	37.74 0.52 0.00	33.77 0.46 0.00	35.00 0.44 0.00	36.85 0.37 0.00	50.10 -0.24 0.00	52.51 -0.05 0.00	51.39 0.46 0.00	52.32 0.68 0.00	56.40 1.18 -0.17	60.97 1.08 -0.85	68.65 1.53 -1.30	68.75 2.81 -1.22	65.58 2.66 -3.37	67.06 3.51 -1.94	64.13 3.82 -3.20	112.12 6.20 -2.50	108.51 5.24 -2.11	91.30 3.90 -2.37	76.66 2.51 0.00	67.34 1.49 0.00	75.70 -0.14 0.00	57.00 -0.30 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	54.12 2.92 0.00	44.20 0.87 0.00	37.43 0.20 0.00	33.20 -0.11 0.00	34.64 0.08 0.00	36.76 0.28 0.00	52.04 1.71 0.00	54.51 1.94 0.00	53.05 2.12 0.00	55.36 3.72 0.00	60.16 5.11 0.00	71.88 5.12 -7.72	90.53 5.26 -19.46	93.30 5.22 -23.36	74.53 5.47 -9.51	68.82 5.38 -1.83	60.56 3.45 0.00	107.78 4.36 0.00	105.32 4.16 0.00	90.03 4.66 -0.34	78.23 4.08 0.00	68.59 2.73 0.00	79.30 3.46 0.00	61.35 4.05 0.00
BINGHAMTON___COGEN 23790	51.66 0.43 -0.04	43.52 0.19 0.00	37.30 0.05 -0.02	33.25 -0.05 0.00	34.62 0.05 0.00	36.54 0.06 0.00	50.73 0.39 0.00	52.99 0.38 -0.04	51.57 0.33 -0.31	52.25 0.61 0.00	56.06 1.02 0.00	59.99 0.96 0.00	67.04 1.22 0.00	66.27 1.56 0.00	61.43 1.88 0.00	63.67 2.06 0.00	58.97 1.86 0.00	106.17 2.76 0.00	104.17 2.80 -0.22	90.16 2.87 -2.25	77.84 2.17 -1.52	68.39 1.59 -0.94	77.18 1.12 -0.22	58.19 0.89 0.00

BIXINCNT_115KV_LOAD 355685	53.90 2.69 0.00	43.84 0.50 0.00	37.26 0.03 0.00	33.02 -0.29 0.00	34.44 -0.12 0.00	36.52 0.04 0.00	51.90 1.57 0.00	54.56 2.00 0.00	53.30 2.37 0.00	55.51 3.87 0.00	60.13 5.08 0.00	71.04 4.86 -7.14	88.96 5.14 -18.01	91.53 5.19 -21.62	73.78 5.42 -8.80	68.79 5.48 -1.70	60.75 3.64 0.00	108.30 4.89 0.00	105.99 4.83 0.00	90.33 5.03 -0.27	78.45 4.30 0.00	68.85 2.99 0.00	79.37 3.54 0.00	61.24 3.93 0.00
BLACK RIVER___HYD 24047	53.17 1.63 -0.35	44.36 1.03 0.00	37.96 0.70 -0.04	33.89 0.59 0.00	35.31 0.75 0.00	37.92 1.44 0.00	53.31 2.98 0.00	56.09 3.44 -0.08	54.57 3.05 -0.59	54.70 3.06 0.00	58.20 3.15 0.00	61.75 2.72 0.00	68.66 2.84 0.00	66.80 2.08 0.00	61.29 1.73 0.00	63.62 2.01 0.00	59.05 1.94 0.00	108.02 4.60 0.00	107.94 6.36 -0.42	96.59 7.21 -4.35	84.41 7.33 -2.93	74.11 6.45 -1.81	84.33 8.07 -0.42	63.44 5.77 -0.37
BLACKRVR_115KV_TB2 79977	53.17 1.63 -0.35	44.36 1.03 0.00	37.97 0.70 -0.04	33.90 0.59 0.00	35.31 0.75 0.00	37.92 1.44 0.00	53.31 2.98 0.00	56.09 3.44 -0.08	54.57 3.05 -0.59	54.70 3.06 0.00	58.20 3.15 0.00	61.75 2.72 0.00	68.65 2.84 0.00	66.79 2.08 0.00	61.29 1.73 0.00	63.62 2.01 0.00	59.06 1.95 0.00	108.02 4.60 0.00	107.94 6.37 -0.42	96.59 7.21 -4.35	84.41 7.33 -2.93	74.11 6.44 -1.81	84.33 8.07 -0.42	63.44 5.76 -0.37
BLDWN_LI_69_KV_BK4 356085	52.36 1.16 0.00	44.43 1.10 0.00	38.13 0.91 0.00	34.11 0.81 0.00	35.35 0.78 0.00	37.22 0.74 0.00	50.62 0.28 0.00	53.03 0.47 0.00	51.88 0.95 0.00	52.81 1.17 0.00	56.72 1.51 -0.17	60.58 1.55 0.00	67.88 2.07 0.00	67.96 3.24 0.00	62.17 3.14 0.52	65.36 3.99 0.24	61.40 4.28 0.00	110.33 6.92 0.00	107.07 5.91 0.00	89.51 4.48 0.00	77.34 3.19 0.00	68.15 2.30 0.00	76.73 0.89 0.00	57.85 0.55 0.00
BLISS_WT_PWR 323608	50.76 2.66 3.09	43.72 0.38 0.00	37.17 -0.06 0.00	32.93 -0.37 0.00	34.34 -0.22 0.00	36.42 -0.06 0.00	51.80 1.47 0.00	54.52 1.96 0.00	53.32 2.39 0.00	55.54 3.90 0.00	60.16 5.12 0.00	71.06 4.88 -7.14	89.02 5.19 -18.01	91.59 5.25 -21.62	73.81 5.46 -8.80	68.82 5.51 -1.70	60.73 3.61 0.00	108.29 4.88 0.00	106.01 4.85 0.00	90.30 5.00 -0.27	78.44 4.29 0.00	68.85 2.99 0.00	79.37 3.54 0.00	61.23 3.93 0.00
BLUESTONE___WT_PWR 323821	52.23 0.38 -0.65	44.35 1.02 0.00	38.40 1.15 -0.02	34.60 1.29 0.00	36.02 1.46 0.00	38.08 1.61 0.00	52.79 2.46 0.00	54.90 2.29 -0.04	53.34 2.14 -0.27	54.14 2.50 0.00	58.05 3.00 0.00	62.26 3.23 0.00	69.70 3.89 0.00	69.07 4.36 0.00	64.06 4.50 0.00	66.54 4.93 0.00	61.86 4.75 0.00	111.90 8.49 0.00	110.35 9.00 -0.19	95.29 8.30 -1.96	82.31 6.85 -1.32	72.15 5.48 -0.82	81.03 5.01 -0.19	60.07 2.77 0.00
BLUE_CIRC_CHEM_DRP 24182	50.43 -0.77 0.00	42.98 -0.35 0.00	37.00 -0.23 0.00	33.17 -0.13 0.00	34.36 -0.20 0.00	36.19 -0.28 0.00	49.44 -0.89 0.00	51.42 -1.15 0.00	49.67 -1.26 0.00	50.08 -1.56 0.00	53.08 -1.96 0.00	57.00 -2.04 0.00	63.63 -2.19 0.00	63.16 -1.55 0.00	58.38 -1.18 0.00	60.53 -1.08 0.00	56.29 -0.82 0.00	102.25 -1.17 0.00	99.99 -1.17 0.00	84.09 -0.95 0.00	73.22 -0.93 0.00	64.81 -1.05 0.00	74.30 -1.54 0.00	55.82 -1.48 0.00
BOC_GAS_DRP 24189	51.03 -0.17 0.00	43.47 0.14 0.00	37.39 0.16 0.00	33.52 0.21 0.00	34.75 0.19 0.00	36.61 0.13 0.00	50.09 -0.24 0.00	52.18 -0.38 0.00	50.59 -0.34 0.00	51.13 -0.52 0.00	54.26 -0.79 0.00	58.28 -0.75 0.00	65.04 -0.77 0.00	64.55 -0.16 0.00	59.68 0.12 0.00	61.89 0.28 0.00	57.54 0.43 0.00	104.27 0.86 0.00	101.74 0.59 0.00	85.49 0.46 0.00	74.33 0.17 0.00	65.80 -0.06 0.00	75.30 -0.54 0.00	56.58 -0.72 0.00
BOONVILLE_115KV_TB1 79983	52.52 1.15 -0.17	44.13 0.79 0.00	37.83 0.60 -0.01	33.85 0.54 0.00	35.18 0.62 0.00	37.40 0.92 0.00	52.05 1.71 0.00	54.50 1.91 -0.02	52.82 1.72 -0.17	53.29 1.64 0.00	56.64 1.59 0.00	60.53 1.50 0.00	67.53 1.72 0.00	66.36 1.64 0.00	61.13 1.58 0.00	63.42 1.81 0.00	58.90 1.79 0.00	107.36 3.95 0.00	105.97 4.69 -0.12	90.93 4.63 -1.26	79.28 4.28 -0.85	69.96 3.58 -0.53	80.04 4.08 -0.12	60.51 3.01 -0.20
BORALEX_4TH_BRANCH 23824	52.97 1.77 0.00	44.99 1.66 0.00	38.69 1.47 0.00	34.74 1.44 0.00	36.02 1.46 0.00	37.90 1.42 0.00	51.64 1.30 0.00	53.92 1.36 0.00	52.05 1.13 0.00	52.41 0.76 0.00	55.18 0.14 0.00	59.40 0.36 0.00	66.44 0.62 0.00	66.18 1.47 0.00	61.26 1.70 0.00	63.76 2.15 0.00	59.11 2.00 0.00	107.99 4.58 0.00	105.53 4.37 0.00	88.72 3.69 0.00	76.86 2.71 0.00	68.03 2.18 0.00	78.25 2.41 0.00	58.43 1.13 0.00
BOWLINE___1 23526	51.61 0.41 0.00	43.84 0.51 0.00	37.63 0.40 0.00	33.73 0.42 0.00	34.98 0.42 0.00	36.81 0.34 0.00	50.43 0.10 0.00	52.80 0.24 0.00	51.56 0.63 0.00	52.22 0.58 0.00	55.72 0.68 0.00	59.87 0.83 0.00	66.73 0.92 0.00	66.53 1.81 0.00	61.85 2.30 0.00	64.56 2.94 0.00	60.30 3.19 0.00	108.87 5.46 0.00	105.80 4.64 0.00	88.63 3.60 0.00	76.73 2.58 0.00	67.38 1.52 0.00	76.22 0.38 0.00	57.25 -0.05 0.00
BOWLINE___2 23595	51.70 0.50 0.00	43.90 0.57 0.00	37.70 0.47 0.00	33.79 0.48 0.00	35.03 0.47 0.00	36.88 0.40 0.00	50.49 0.15 0.00	52.83 0.26 0.00	51.57 0.64 0.00	52.23 0.59 0.00	55.73 0.69 0.00	59.93 0.90 0.00	66.83 1.02 0.00	66.62 1.90 0.00	61.93 2.38 0.00	64.63 3.02 0.00	60.39 3.28 0.00	109.03 5.61 0.00	105.93 4.77 0.00	88.77 3.73 0.00	76.81 2.66 0.00	67.48 1.62 0.00	76.33 0.50 0.00	57.34 0.04 0.00
BRADY___115KV_TB2 356060	54.66 2.06 -1.40	44.89 1.56 0.00	38.73 1.51 0.00	34.61 1.31 0.00	35.84 1.28 0.00	37.93 1.45 0.00	52.69 2.36 0.00	55.03 2.47 0.00	52.79 1.86 0.00	53.02 1.38 0.00	56.42 1.38 0.00	60.45 1.41 0.00	67.17 1.36 0.00	64.73 0.01 0.00	58.78 -0.77 0.00	60.45 -1.16 0.00	55.95 -1.16 0.00	101.36 -2.06 0.00	100.18 -0.97 0.00	84.99 -0.04 0.00	75.08 0.93 0.00	67.11 1.25 0.00	78.78 2.94 0.00	61.88 2.68 -1.90
BRANSCOMB___SOLAR 323811	53.14 1.94 0.00	44.96 1.63 0.00	38.69 1.46 0.00	34.73 1.43 0.00	36.02 1.46 0.00	37.97 1.49 0.00	52.03 1.69 0.00	54.26 1.70 0.00	52.40 1.47 0.00	52.76 1.11 0.00	55.67 0.62 0.00	59.88 0.84 0.00	67.02 1.21 0.00	66.57 1.85 0.00	61.62 2.06 0.00	64.18 2.57 0.00	59.74 2.63 0.00	109.30 5.89 0.00	107.27 6.11 0.00	90.58 5.55 0.00	78.17 4.01 0.00	69.02 3.16 0.00	79.09 3.26 0.00	59.18 1.88 0.00
BRDGHMPT_69_KV_BK1 55812	52.86 1.66 0.00	45.03 1.70 0.00	38.93 1.71 0.00	34.87 1.57 0.00	36.21 1.65 0.00	38.05 1.57 0.00	51.17 0.83 0.00	54.15 1.59 0.00	53.53 2.60 0.00	54.87 3.23 0.00	59.64 4.43 -0.17	83.76 4.49 -20.23	152.57 5.55 -81.20	177.82 6.58 -106.52	270.51 5.89 -205.06	185.09 6.92 -116.56	247.63 7.05 -183.47	258.69 11.66 -143.62	232.77 10.51 -121.10	229.52 8.27 -136.21	80.04 5.89 0.00	70.41 4.56 0.00	78.70 2.87 0.00	59.54 2.25 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	52.47 1.27 0.00	44.51 1.18 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.45 0.89 0.00	37.33 0.85 0.00	50.61 0.28 0.00	53.12 0.55 0.00	51.96 1.02 0.00	52.96 1.32 0.00	57.29 2.08 -0.17	65.95 1.86 -5.05	84.81 2.17 -16.82	89.96 3.71 -21.54	105.41 3.22 -42.63	89.86 4.00 -24.25	99.40 4.02 -38.26	139.82 6.46 -29.95	132.00 5.59 -25.25	117.62 4.18 -28.41	77.22 3.06 0.00	67.92 2.06 0.00	76.30 0.46 0.00	57.59 0.29 0.00
BRISTLHL_115KV_TB1 79998	50.76 -0.60 -0.16	42.66 -0.67 0.00	36.59 -0.73 -0.09	32.62 -0.68 0.00	33.89 -0.67 0.00	35.83 -0.65 0.00	49.63 -0.70 0.00	52.01 -0.75 -0.20	51.56 -0.78 -1.40	51.08 -0.56 0.00	54.66 -0.39 0.00	58.54 -0.49 0.00	65.34 -0.47 0.00	64.49 -0.23 0.00	59.57 0.01 0.00	61.70 0.09 0.00	57.14 0.03 0.00	103.30 -0.11 0.00	102.26 0.12 -0.99	95.78 0.46 -10.28	81.36 0.29 -6.92	70.08 -0.06 -4.28	76.34 -0.50 -1.00	56.87 -0.42 0.00
BROOKHAVEN___DRP 24191	52.18 0.98 0.00	44.30 0.96 0.00	38.23 1.00 0.00	34.18 0.88 0.00	35.45 0.89 0.00	37.29 0.81 0.00	50.24 -0.10 0.00	52.95 0.39 0.00	51.93 1.00 0.00	53.00 1.36 0.00	57.40 2.18 -0.17	81.53 2.03 -20.47	149.23 2.68 -80.73	174.70 4.09 -105.89	267.01 3.59 -203.87	181.94 4.45 -115.88	244.19 4.68 -182.40	253.75 7.56 -142.78	228.27 6.73 -120.39	225.71 5.26 -135.42	77.47 3.31 0.00	68.17 2.31 0.00	76.15 0.31 0.00	57.64 0.34 0.00
BROOKLYN_NAVY_YARD 23515	51.90 0.71 0.00	44.15 0.82 0.00	37.95 0.72 0.00	34.07 0.76 0.00	35.28 0.71 0.00	37.12 0.65 0.00	50.72 0.39 0.00	52.92 0.35 0.00	51.86 0.93 0.00	52.60 0.95 0.00	56.14 1.10 0.00	60.43 1.39 0.00	67.51 1.59 -0.10	67.74 2.51 -0.51	62.67 3.01 -0.10	65.33 3.67 -0.05	60.98 3.87 0.00	110.00 6.58 0.00	106.64 5.48 0.00	89.26 4.23 0.00	77.25 3.10 0.00	67.73 1.87 0.00	76.52 0.68 0.00	57.47 0.17 0.00
BROOKLYN___ARMY_DRP 323595	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
BROOME_2_LFGE 323671	52.41 0.43 -0.78	43.52 0.19 0.00	37.30 0.05 -0.02	33.25 -0.05 0.00	34.62 0.05 0.00	36.54 0.06 0.00	50.73 0.39 0.00	52.98 0.38 -0.04	51.57 0.33 -0.31	52.25 0.61 0.00	56.06 1.01 0.00	60.00 0.96 0.00	67.04 1.23 0.00	66.29 1.57 0.00	61.43 1.88 0.00	63.68 2.07 0.00	58.97 1.86 0.00	106.18 2.77 0.00	104.17 2.80 -0.22	90.15 2.87 -2.25	77.84 2.17 -1.52	68.38 1.59 -0.94	77.18 1.12 -0.22	58.19 0.89 0.00
BROOME___LFGE 323600	52.41 0.43 -0.78	43.52 0.19 0.00	37.30 0.05 -0.02	33.25 -0.05 0.00	34.62 0.05 0.00	36.54 0.06 0.00	50.73 0.39 0.00	52.98 0.38 -0.04	51.57 0.33 -0.31	52.25 0.61 0.00	56.06 1.01 0.00	60.00 0.96 0.00	67.04 1.23 0.00	66.29 1.57 0.00	61.43 1.88 0.00	63.68 2.07 0.00	58.97 1.86 0.00	106.18 2.77 0.00	104.17 2.80 -0.22	90.15 2.87 -2.25	77.84 2.17 -1.52	68.38 1.59 -0.94	77.18 1.12 -0.22	58.19 0.89 0.00
BROWNFLS_115KV_TB 3_5 80003	53.23 1.28 -0.75	44.14 0.81 0.00	37.96 0.72 -0.02	33.93 0.62 0.00	35.20 0.64 0.00	37.49 1.01 0.00	52.41 2.07 0.00	55.03 2.43 -0.03	53.19 2.02 -0.24	53.21 1.57 0.00	56.58 1.54 0.00	60.39 1.35 0.00	67.09 1.28 0.00	64.81 0.09 0.00	59.02 -0.54 0.00	60.97 -0.64 0.00	56.53 -0.58 0.00	103.00 -0.41 0.00	102.13 0.81 -0.17	88.48 1.69 -1.75	77.58 2.25 -1.18	68.81 2.22 -0.73	79.89 3.88 -0.17	61.47 3.19 -0.98
BROWNSV1_27_KV_LOAD 356125	52.67 1.47 0.00	44.77 1.44 0.00	38.45 1.22 0.00	34.48 1.18 0.00	35.72 1.16 0.00	37.61 1.13 0.00	51.45 1.11 0.00	53.70 1.14 0.00	52.60 1.68 0.00	53.34 1.70 0.00	56.97 1.92 0.00	61.32 2.29 0.00	68.43 2.61 0.00	68.25 3.53 0.00	63.51 3.95 0.00	66.27 4.66 0.00	61.86 4.75 0.00	111.57 8.16 0.00	108.19 7.03 0.00	90.58 5.55 0.00	78.41 4.26 0.00	68.71 2.86 0.00	77.61 1.78 0.00	58.29 0.99 0.00
BURROWS___LYONSDAL 23803	52.39 0.96 -0.22	43.95 0.61 0.00	37.67 0.43 -0.01	33.71 0.41 0.00	35.06 0.50 0.00	37.36 0.88 0.00	52.12 1.78 0.00	54.67 2.08 -0.03	53.00 1.86 -0.21	53.39 1.75 0.00	56.76 1.72 0.00	60.59 1.56 0.00	67.55 1.74 0.00	66.24 1.52 0.00	60.92 1.36 0.00	63.20 1.59 0.00	58.70 1.59 0.00	107.09 3.67 0.00	105.87 4.57 -0.15	91.23 4.68 -1.52	79.61 4.43 -1.02	70.27 3.79 -0.63	80.48 4.50 -0.15	60.89 3.32 -0.27
CAITHNESS_CC_1 323624	52.13 0.94 0.00	44.27 0.93 0.00	38.16 0.93 0.00	34.13 0.83 0.00	35.38 0.82 0.00	37.23 0.75 0.00	50.21 -0.12 0.00	52.85 0.28 0.00	51.79 0.86 0.00	52.86 1.22 0.00	57.22 2.00 -0.17	81.59 1.84 -20.71	148.51 2.43 -80.27	173.75 3.77 -105.26	265.56 3.34 -202.67	181.00 4.19 -115.19	242.87 4.42 -181.33	252.50 7.15 -141.94	227.13 6.29 -119.68	224.52 4.87 -134.62	77.21 3.06 0.00	67.93 2.07 0.00	75.95 0.11 0.00	57.47 0.18 0.00
CALPINE BETH_PAGE_GT4 24209	51.75 0.55 0.00	43.93 0.60 0.00	37.72 0.49 0.00	33.74 0.44 0.00	34.97 0.41 0.00	36.83 0.35 0.00	50.07 -0.26 0.00	52.49 -0.08 0.00	51.36 0.43 0.00	52.28 0.64 0.00	56.33 1.11 -0.17	60.73 1.02 -0.67	68.28 1.50 -0.96	68.43 2.85 -0.87	64.66 2.66 -2.45	66.50 3.48 -1.41	63.28 3.78 -2.38	111.47 6.19 -1.86	107.94 5.21 -1.57	90.67 3.88 -1.77	76.64 2.48 0.00	67.34 1.48 0.00	75.70 -0.14 0.00	57.00 -0.30 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.75 0.55 0.00	43.93 0.60 0.00	37.72 0.49 0.00	33.74 0.44 0.00	34.97 0.41 0.00	36.83 0.35 0.00	50.08 -0.26 0.00	52.49 -0.08 0.00	51.36 0.43 0.00	52.29 0.65 0.00	56.33 1.11 -0.17	60.73 1.03 -0.67	68.28 1.50 -0.96	68.35 2.77 -0.87	64.64 2.64 -2.45	66.51 3.48 -1.41	63.28 3.78 -2.38	111.47 6.19 -1.86	107.94 5.21 -1.57	90.68 3.88 -1.77	76.63 2.48 0.00	67.34 1.49 0.00	75.70 -0.14 0.00	57.00 -0.30 0.00
CALPINE_BP_GT1 23823	51.75 0.55 0.00	43.93 0.60 0.00	37.72 0.49 0.00	33.74 0.44 0.00	34.97 0.41 0.00	36.83 0.35 0.00	50.08 -0.26 0.00	52.49 -0.08 0.00	51.36 0.43 0.00	52.29 0.65 0.00	56.33 1.11 -0.17	60.73 1.03 -0.67	68.28 1.50 -0.96	68.35 2.77 -0.87	64.64 2.64 -2.45	66.51 3.48 -1.41	63.28 3.78 -2.38	111.47 6.19 -1.86	107.94 5.21 -1.57	90.68 3.88 -1.77	76.63 2.48 0.00	67.34 1.49 0.00	75.70 -0.14 0.00	57.00 -0.30 0.00
CALSPAN___DRP 24200	54.04 2.84 0.00	44.13 0.79 0.00	37.37 0.14 0.00	33.14 -0.16 0.00	34.59 0.03 0.00	36.70 0.22 0.00	51.98 1.64 0.00	54.41 1.84 0.00	52.92 1.99 0.00	55.22 3.58 0.00	59.99 4.94 0.00	71.80 4.93 -7.84	90.58 5.01 -19.75	93.39 4.96 -23.72	74.43 5.23 -9.65	68.56 5.09 -1.86	60.28 3.16 0.00	107.22 3.81 0.00	104.77 3.61 0.00	89.63 4.25 -0.35	77.93 3.78 0.00	68.34 2.49 0.00	79.11 3.27 0.00	61.25 3.94 0.00

CALVERTON___SOLAR 323806	52.25 1.06 0.00	44.39 1.05 0.00	38.32 1.09 0.00	34.28 0.97 0.00	35.54 0.98 0.00	37.39 0.91 0.00	50.34 0.00 0.00	53.11 0.54 0.00	52.11 1.18 0.00	53.23 1.58 0.00	57.65 2.43 -0.17	81.76 2.33 -20.39	149.78 3.03 -80.93	175.19 4.32 -106.15	267.81 3.89 -204.37	182.58 4.80 -116.16	244.99 5.02 -182.85	254.72 8.17 -143.13	229.15 7.30 -120.69	226.54 5.76 -135.75	77.83 3.68 0.00	68.49 2.64 0.00	76.50 0.66 0.00	57.89 0.60 0.00
CANDIGU_WT_PWR 323617	53.52 0.88 -1.44	43.19 -0.14 0.00	36.74 -0.50 -0.01	32.57 -0.73 0.00	34.11 -0.45 0.00	36.12 -0.35 0.00	50.83 0.50 0.00	53.05 0.46 -0.03	51.46 0.36 -0.18	52.82 1.18 0.00	57.06 2.02 0.00	65.51 1.74 -4.74	79.57 1.82 -11.94	81.08 2.03 -14.33	68.01 2.63 -5.83	65.41 2.68 -1.13	59.00 1.88 0.00	105.59 2.18 0.00	103.96 2.67 -0.12	89.73 3.39 -1.31	78.02 2.99 -0.88	68.57 2.17 -0.54	77.99 2.02 -0.13	59.66 2.36 0.00
CARR STREET_E_SYR 24060	50.84 -0.41 -0.05	42.78 -0.55 0.00	36.64 -0.62 -0.03	32.70 -0.61 0.00	33.98 -0.58 0.00	35.92 -0.56 0.00	49.79 -0.55 0.00	52.04 -0.59 -0.06	50.75 -0.61 -0.42	51.30 -0.34 0.00	54.99 -0.06 0.00	58.95 -0.08 0.00	65.84 0.02 0.00	65.01 0.29 0.00	60.08 0.53 0.00	62.26 0.65 0.00	57.56 0.45 0.00	104.00 0.59 0.00	102.16 0.70 -0.30	89.06 0.92 -3.11	76.89 0.64 -2.09	67.39 0.24 -1.29	75.96 -0.18 -0.30	57.15 -0.15 0.00
CARTHAGE___PAPER 23857	53.21 1.63 -0.38	44.40 1.07 0.00	38.05 0.78 -0.03	34.00 0.70 0.00	35.38 0.82 0.00	37.93 1.45 0.00	53.28 2.95 0.00	56.04 3.41 -0.07	54.43 3.00 -0.50	54.46 2.81 0.00	57.84 2.79 0.00	61.45 2.42 0.00	68.18 2.36 0.00	65.72 1.00 0.00	59.99 0.44 0.00	62.18 0.57 0.00	57.83 0.71 0.00	105.77 2.36 0.00	105.61 4.10 -0.35	93.78 5.09 -3.66	81.99 5.37 -2.46	72.32 4.94 -1.53	83.58 7.39 -0.36	63.17 5.43 -0.44
CASSADAGA_WT_PWR 323784	50.62 2.35 2.93	43.69 0.36 0.00	36.95 -0.28 0.00	32.98 -0.32 0.00	34.95 0.39 0.00	37.05 0.57 0.00	52.69 2.36 0.00	55.41 2.85 0.00	53.78 2.85 0.00	56.10 4.45 0.00	61.06 6.02 0.00	72.30 6.07 -7.20	89.92 5.95 -18.15	92.16 5.64 -21.80	74.66 6.23 -8.87	69.66 6.33 -1.71	61.87 4.75 0.00	109.53 6.12 0.00	106.77 5.61 0.00	91.60 6.34 -0.22	79.47 5.32 0.00	69.70 3.85 0.00	80.86 5.02 0.00	62.25 4.95 0.00
CE_DUNWOOD___DRP 24194	52.02 0.82 0.00	44.20 0.87 0.00	37.96 0.73 0.00	34.03 0.72 0.00	35.28 0.72 0.00	37.13 0.65 0.00	50.79 0.46 0.00	53.07 0.50 0.00	51.85 0.91 0.00	52.51 0.87 0.00	56.06 1.01 0.00	60.28 1.25 0.00	67.28 1.46 0.00	67.13 2.41 0.00	62.37 2.82 0.00	65.07 3.45 0.00	60.77 3.65 0.00	109.68 6.26 0.00	106.52 5.36 0.00	89.22 4.19 0.00	77.20 3.05 0.00	67.78 1.93 0.00	76.66 0.82 0.00	57.56 0.26 0.00
CE_MILLWOOD___DRP 24193	51.92 0.72 0.00	44.12 0.79 0.00	37.88 0.66 0.00	33.96 0.66 0.00	35.21 0.65 0.00	37.06 0.58 0.00	50.70 0.36 0.00	52.98 0.42 0.00	51.75 0.82 0.00	52.41 0.76 0.00	55.93 0.88 0.00	60.15 1.12 0.00	67.11 1.30 0.00	66.95 2.23 0.00	62.20 2.64 0.00	64.92 3.30 0.00	60.60 3.49 0.00	109.44 6.03 0.00	106.30 5.15 0.00	89.05 4.02 0.00	77.05 2.90 0.00	67.68 1.82 0.00	76.55 0.71 0.00	57.49 0.19 0.00
CE_NYC2_DRP 24202	51.88 0.68 0.00	44.29 0.96 0.00	38.04 0.81 0.00	34.15 0.84 0.00	35.30 0.74 0.00	37.18 0.70 0.00	50.73 0.40 0.00	52.82 0.26 0.00	51.85 0.92 0.00	52.44 0.79 0.00	55.99 0.94 0.00	60.11 1.08 0.00	67.04 1.22 0.00	66.95 2.23 0.00	62.25 2.69 0.00	64.94 3.32 0.00	60.74 3.63 0.00	109.40 5.98 0.00	106.00 4.85 0.00	88.73 3.70 0.00	76.76 2.61 0.00	67.29 1.43 0.00	76.01 0.16 0.00	57.21 -0.09 0.00
CE_NYC_DRP 24195	52.13 0.93 0.00	44.32 0.99 0.00	38.09 0.86 0.00	34.18 0.87 0.00	35.40 0.84 0.00	37.27 0.79 0.00	50.94 0.61 0.00	53.16 0.60 0.00	52.05 1.13 0.00	52.76 1.12 0.00	56.32 1.28 0.00	60.61 1.57 0.00	67.60 1.79 0.00	67.43 2.71 0.00	62.74 3.18 0.00	65.47 3.86 0.00	61.12 4.01 0.00	110.23 6.81 0.00	106.87 5.72 0.00	89.43 4.40 0.00	77.42 3.27 0.00	67.86 2.01 0.00	76.64 0.80 0.00	57.57 0.27 0.00
CHAFFEE___LFGE 323603	51.31 2.89 2.79	44.19 0.86 0.00	37.43 0.20 0.00	33.18 -0.13 0.00	34.63 0.08 0.00	36.73 0.25 0.00	52.03 1.69 0.00	54.47 1.90 0.00	53.00 2.07 0.00	55.30 3.66 0.00	60.08 5.04 0.00	71.58 5.05 -7.49	89.96 5.26 -18.88	92.64 5.25 -22.67	74.24 5.47 -9.22	68.79 5.40 -1.78	60.62 3.51 0.00	107.95 4.54 0.00	105.50 4.35 0.00	90.18 4.83 -0.31	78.38 4.23 0.00	68.68 2.82 0.00	79.31 3.47 0.00	61.32 4.02 0.00
CHATEAUG_35_KV_LOAD 355732	51.56 0.26 -0.10	43.44 0.10 0.00	37.47 0.24 0.00	33.50 0.19 0.00	34.70 0.13 0.00	36.62 0.13 0.00	50.82 0.48 0.00	53.51 0.95 0.00	51.79 0.86 0.00	52.46 0.81 0.00	55.90 0.85 0.00	59.95 0.92 0.00	66.70 0.88 0.00	64.71 -0.01 0.00	58.93 -0.62 0.00	60.74 -0.87 0.00	56.10 -1.01 0.00	101.83 -1.59 0.00	99.91 -1.25 0.00	84.24 -0.79 0.00	73.97 -0.18 0.00	65.94 0.08 0.00	76.64 0.80 0.00	58.27 0.84 -0.13
CHATEAUG_WT_PWR 323614	51.37 0.17 0.00	43.34 0.01 0.00	37.39 0.16 0.00	33.47 0.16 0.00	34.66 0.10 0.00	36.55 0.08 0.00	50.66 0.33 0.00	53.36 0.79 0.00	51.71 0.78 0.00	52.39 0.75 0.00	55.84 0.80 0.00	59.90 0.87 0.00	66.67 0.85 0.00	64.71 0.00 0.00	58.98 -0.58 0.00	60.83 -0.78 0.00	56.19 -0.92 0.00	101.98 -1.44 0.00	99.89 -1.27 0.00	84.08 -0.96 0.00	73.71 -0.44 0.00	65.68 -0.17 0.00	76.38 0.54 0.00	57.89 0.60 0.00
CHAT_HIGH_FALL_HYD 323578	51.56 0.26 -0.10	43.44 0.10 0.00	37.47 0.24 0.00	33.50 0.19 0.00	34.70 0.13 0.00	36.62 0.13 0.00	50.82 0.48 0.00	53.51 0.95 0.00	51.79 0.86 0.00	52.46 0.81 0.00	55.90 0.85 0.00	59.95 0.92 0.00	66.70 0.88 0.00	64.71 -0.01 0.00	58.93 -0.62 0.00	60.74 -0.87 0.00	56.10 -1.01 0.00	101.83 -1.59 0.00	99.91 -1.25 0.00	84.24 -0.79 0.00	73.97 -0.18 0.00	65.94 0.08 0.00	76.64 0.80 0.00	58.27 0.84 -0.13
CHAUTAUQUA___LFGE 323629	50.82 2.42 2.80	43.84 0.51 0.00	37.14 -0.09 0.00	33.03 -0.28 0.00	34.76 0.20 0.00	36.83 0.35 0.00	52.24 1.91 0.00	54.80 2.23 0.00	53.19 2.26 0.00	55.37 3.72 0.00	60.23 5.19 0.00	71.68 5.23 -7.41	89.82 5.33 -18.68	92.25 5.10 -22.43	74.21 5.53 -9.13	68.96 5.59 -1.76	61.19 4.08 0.00	108.45 5.04 0.00	105.90 4.75 0.00	90.75 5.49 -0.23	78.77 4.62 0.00	69.16 3.30 0.00	79.86 4.02 0.00	61.54 4.24 0.00
CHERRYST_13_KV_LD 356241	52.28 1.09 0.00	44.46 1.12 0.00	38.20 0.97 0.00	34.28 0.97 0.00	35.51 0.94 0.00	37.39 0.91 0.00	51.13 0.79 0.00	53.38 0.81 0.00	52.31 1.37 0.00	53.03 1.39 0.00	56.64 1.59 0.00	60.93 1.90 0.00	67.98 2.16 0.00	67.81 3.09 0.00	63.09 3.54 0.00	65.84 4.23 0.00	61.46 4.35 0.00	110.81 7.39 0.00	107.38 6.22 0.00	89.84 4.81 0.00	77.77 3.62 0.00	68.13 2.28 0.00	76.94 1.10 0.00	57.78 0.48 0.00

CHESTROR_138KV_BK263 355645	51.72 0.53 0.00	43.94 0.61 0.00	37.71 0.48 0.00	33.80 0.49 0.00	35.05 0.48 0.00	36.89 0.41 0.00	50.55 0.21 0.00	52.83 0.26 0.00	51.48 0.55 0.00	52.12 0.48 0.00	55.59 0.54 0.00	59.79 0.75 0.00	66.72 0.90 0.00	66.44 1.72 0.00	61.72 2.16 0.00	64.36 2.75 0.00	60.07 2.96 0.00	108.56 5.14 0.00	105.68 4.52 0.00	88.64 3.61 0.00	76.77 2.62 0.00	67.53 1.67 0.00	76.54 0.70 0.00	57.49 0.19 0.00
CH_MIDHUDSON___DRP 24192	51.98 0.78 0.00	44.17 0.83 0.00	37.91 0.68 0.00	33.99 0.68 0.00	35.22 0.66 0.00	37.08 0.60 0.00	50.73 0.40 0.00	52.99 0.43 0.00	51.72 0.79 0.00	52.35 0.71 0.00	55.78 0.73 0.00	60.02 0.99 0.00	67.05 1.23 0.00	66.86 2.14 0.00	62.14 2.59 0.00	64.81 3.20 0.00	60.36 3.25 0.00	108.82 5.40 0.00	106.26 5.10 0.00	89.18 4.15 0.00	77.18 3.03 0.00	67.83 1.97 0.00	76.90 1.06 0.00	57.71 0.41 0.00
CH_MISC_IPPS 23765	52.03 0.83 0.00	44.18 0.85 0.00	37.91 0.68 0.00	34.00 0.69 0.00	35.24 0.68 0.00	37.09 0.61 0.00	50.78 0.44 0.00	53.06 0.49 0.00	51.78 0.85 0.00	52.46 0.81 0.00	55.91 0.86 0.00	60.19 1.16 0.00	67.25 1.44 0.00	67.03 2.31 0.00	62.38 2.83 0.00	65.09 3.48 0.00	60.30 3.19 0.00	107.85 4.43 0.00	106.43 5.27 0.00	89.56 4.53 0.00	77.49 3.34 0.00	68.07 2.21 0.00	77.15 1.31 0.00	58.00 0.70 0.00
CH_RES_BVR_FALLS 23983	50.79 -0.41 0.00	43.01 -0.32 0.00	37.03 -0.20 0.00	33.14 -0.17 0.00	34.35 -0.21 0.00	36.30 -0.17 0.00	50.30 -0.04 0.00	52.71 0.15 0.00	51.15 0.22 0.00	51.76 0.12 0.00	55.02 -0.03 0.00	58.83 -0.21 0.00	65.47 -0.35 0.00	64.09 -0.62 0.00	58.77 -0.78 0.00	60.72 -0.89 0.00	56.15 -0.97 0.00	101.83 -1.59 0.00	99.78 -1.38 0.00	83.85 -1.18 0.00	73.33 -0.82 0.00	65.24 -0.61 0.00	75.48 -0.35 0.00	57.29 -0.01 0.00
CH_RES_NIAGARA 23895	53.03 1.83 0.00	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.53 0.00	53.21 0.65 0.00	51.75 0.81 0.00	54.08 2.43 0.00	58.71 3.67 0.00	70.67 3.33 -8.30	89.45 2.71 -20.93	92.52 2.67 -25.13	72.74 2.96 -10.22	66.39 2.81 -1.97	57.85 0.73 0.00	102.10 -1.32 0.00	99.64 -1.51 0.00	83.49 0.09 1.63	74.52 0.36 0.00	65.54 -0.32 0.00	76.68 0.84 0.00	59.70 2.40 0.00
CH_RES_SYRACUSE 23985	51.17 -0.12 -0.09	43.01 -0.32 0.00	36.87 -0.41 -0.05	32.85 -0.45 0.00	34.16 -0.40 0.00	36.11 -0.37 0.00	50.01 -0.32 0.00	52.39 -0.29 -0.11	51.35 -0.35 -0.77	51.55 -0.09 0.00	55.24 0.20 0.00	59.17 0.13 0.00	66.01 0.20 0.00	65.20 0.49 0.00	60.22 0.66 0.00	62.39 0.78 0.00	57.71 0.60 0.00	104.32 0.91 0.00	102.81 1.11 -0.54	92.07 1.39 -5.65	79.02 1.06 -3.80	68.83 0.62 -2.36	76.59 0.20 -0.55	57.44 0.15 0.00
CLINTON_WT_PWR 323605	51.37 0.17 0.00	43.34 0.01 0.00	37.39 0.16 0.00	33.47 0.16 0.00	34.66 0.10 0.00	36.55 0.08 0.00	50.66 0.33 0.00	53.36 0.79 0.00	51.71 0.78 0.00	52.39 0.75 0.00	55.84 0.80 0.00	59.90 0.87 0.00	66.67 0.85 0.00	64.71 0.00 0.00	58.98 -0.58 0.00	60.83 -0.78 0.00	56.19 -0.92 0.00	101.98 -1.44 0.00	99.89 -1.27 0.00	84.08 -0.96 0.00	73.71 -0.44 0.00	65.68 -0.17 0.00	76.38 0.54 0.00	57.89 0.60 0.00
CLINTON___LFGE 323618	51.78 0.59 0.00	43.71 0.38 0.00	37.72 0.49 0.00	33.84 0.53 0.00	35.03 0.47 0.00	36.84 0.36 0.00	51.03 0.69 0.00	53.77 1.21 0.00	52.01 1.07 0.00	52.65 1.01 0.00	56.18 1.14 0.00	60.34 1.30 0.00	67.19 1.38 0.00	65.25 0.53 0.00	59.45 -0.11 0.00	61.39 -0.22 0.00	56.72 -0.39 0.00	103.02 -0.40 0.00	101.02 -0.14 0.00	85.39 0.36 0.00	74.84 0.69 0.00	66.57 0.71 0.00	77.29 1.45 0.00	58.57 1.27 0.00
COBBLENY_34_KV_TB1 80064	54.09 2.90 0.00	44.19 0.86 0.00	37.42 0.20 0.00	33.18 -0.13 0.00	34.63 0.07 0.00	36.73 0.25 0.00	52.03 1.70 0.00	54.47 1.90 0.00	53.00 2.07 0.00	55.31 3.66 0.00	60.09 5.04 -7.49	71.57 5.05 -18.88	89.92 5.23 -22.67	92.60 5.21 -9.22	74.23 5.46 -1.78	68.79 5.40 0.00	60.62 3.51 0.00	107.96 4.55 0.00	105.51 4.34 0.00	90.17 4.83 -0.31	78.38 4.23 0.00	68.67 2.81 0.00	79.31 3.47 0.00	61.32 4.02 0.00
COFFEEN___115KV_TB3 355620	53.75 2.21 -0.34	44.82 1.48 0.00	38.34 1.08 -0.04	34.22 0.91 0.00	35.65 1.09 0.00	38.26 1.78 0.00	53.79 3.45 0.00	56.53 3.88 -0.09	54.96 3.42 -0.61	55.09 3.45 0.00	58.61 3.57 0.00	62.06 3.03 0.00	68.99 3.17 0.00	67.18 2.46 0.00	61.70 2.14 0.00	64.07 2.45 0.00	59.49 2.38 0.00	108.87 5.45 0.00	108.93 7.34 -0.43	97.74 8.24 -4.47	85.58 8.43 -3.01	75.11 7.39 -1.86	85.26 8.98 -0.43	64.05 6.39 -0.36
COLDSPRG_115KV_BK1 355956	54.04 2.84 0.00	44.28 0.95 0.00	37.55 0.32 0.00	33.41 0.10 0.00	35.14 0.58 0.00	37.24 0.76 0.00	52.81 2.48 0.00	55.54 2.98 0.00	53.97 3.05 0.00	56.18 4.53 0.00	60.96 5.91 -6.87	71.79 5.88 -17.33	88.70 5.56 -20.80	91.06 5.54 -8.47	73.99 5.97 -1.63	69.31 6.06 0.00	61.69 4.58 0.00	109.59 6.17 0.00	106.95 5.79 0.00	91.38 6.14 -0.21	79.14 4.98 0.00	69.40 3.54 0.00	80.52 4.68 0.00	61.94 4.64 0.00
COLONIE_LFGE___ 323577	52.36 1.17 0.00	44.43 1.10 0.00	38.21 0.98 0.00	34.27 0.97 0.00	35.55 0.99 0.00	37.44 0.96 0.00	51.19 0.86 0.00	53.41 0.84 0.00	51.69 0.76 0.00	52.14 0.50 0.00	55.12 0.07 0.00	59.30 0.26 0.00	66.28 0.46 0.00	65.88 1.16 0.00	60.97 1.41 0.00	63.37 1.76 0.00	58.89 1.78 0.00	107.31 3.90 0.00	104.94 3.79 0.00	88.26 3.23 0.00	76.48 2.32 0.00	67.64 1.79 0.00	77.53 1.69 0.00	58.04 0.74 0.00
COOPERNY_115KV_TB1 80082	51.57 0.38 0.00	43.78 0.45 0.00	37.58 0.35 0.00	33.66 0.36 0.00	34.93 0.37 0.00	36.78 0.30 0.00	50.51 0.17 0.00	52.73 0.17 0.00	51.31 0.38 0.00	51.98 0.34 0.00	55.46 0.42 0.00	59.62 0.58 0.00	66.51 0.70 0.00	66.04 1.32 0.00	61.20 1.64 0.00	63.69 2.07 0.00	59.34 2.24 0.00	107.30 3.89 0.00	104.54 3.38 0.00	87.80 2.76 0.00	76.15 2.00 0.00	67.17 1.32 0.00	76.37 0.54 0.00	57.44 0.14 0.00
COPENHAGEN_WT_PWR 323753	52.29 0.77 -0.33	43.65 0.32 0.00	37.35 0.08 -0.04	33.35 0.04 0.00	34.76 0.20 0.00	37.43 0.95 0.00	52.69 2.36 0.00	55.54 2.88 -0.09	54.21 2.64 -0.64	54.33 2.69 0.00	57.83 2.79 0.00	61.42 2.38 0.00	68.27 2.45 0.00	66.48 1.76 0.00	61.00 1.45 0.00	63.36 1.74 0.00	58.79 1.68 0.00	107.42 4.01 0.00	107.31 5.70 -0.45	96.23 6.52 -4.68	83.91 6.61 -3.15	73.61 5.81 -1.95	83.54 7.25 -0.45	62.82 5.18 -0.34
CORNELL_____ 23752	52.48 1.24 -0.05	44.13 0.80 0.00	37.81 0.56 -0.03	33.71 0.40 0.00	35.08 0.52 0.00	37.10 0.62 0.00	51.50 1.16 0.00	53.82 1.20 -0.06	52.25 0.90 -0.42	52.64 1.00 0.00	56.30 1.26 0.00	60.24 1.21 0.00	67.41 1.59 0.00	66.63 1.92 0.00	61.86 2.31 0.00	63.97 2.35 0.00	59.31 2.19 0.00	107.32 3.91 0.00	106.10 4.64 -0.30	93.02 4.89 -3.09	80.43 4.20 -2.08	70.40 3.25 -1.29	79.09 2.95 -0.30	59.42 2.12 0.00

CORONA V_69_KV_TB1 355595	52.45 1.25 0.00	44.52 1.18 0.00	38.21 0.98 0.00	34.20 0.89 0.00	35.45 0.89 0.00	37.32 0.84 0.00	50.80 0.46 0.00	53.18 0.62 0.00	52.01 1.08 0.00	52.90 1.26 0.00	56.96 1.75 -0.17	60.85 1.81 0.00	68.38 2.35 -0.21	69.14 3.37 -1.04	63.12 3.36 -0.20	65.88 4.17 -0.10	61.54 4.43 0.00	110.94 7.53 0.00	107.65 6.49 0.00	90.02 4.99 0.00	77.69 3.54 0.00	68.24 2.38 0.00	76.87 1.03 0.00	57.96 0.66 0.00
CORTLAND_115KV_TB3 80093	51.90 0.65 -0.05	43.71 0.38 0.00	37.47 0.21 -0.03	33.42 0.11 0.00	34.76 0.20 0.00	36.74 0.26 0.00	50.93 0.59 0.00	53.25 0.62 -0.06	51.80 0.43 -0.44	52.21 0.57 0.00	55.81 0.77 0.00	59.77 0.73 0.00	66.79 0.98 0.00	66.04 1.32 0.00	61.15 1.60 0.00	63.37 1.75 0.00	58.73 1.62 0.00	106.22 2.81 0.00	104.57 3.10 -0.31	91.53 3.26 -3.23	79.02 2.69 -2.17	69.21 2.00 -1.35	77.80 1.65 -0.31	58.53 1.23 0.00
COXSACKIE__GT 23611	53.31 2.12 0.00	45.25 1.92 0.00	38.87 1.65 0.00	34.83 1.52 0.00	36.05 1.48 0.00	38.01 1.53 0.00	52.04 1.70 0.00	54.16 1.60 0.00	52.08 1.15 0.00	51.95 0.31 0.00	54.82 -0.23 0.00	58.73 -0.30 0.00	65.72 -0.10 0.00	65.61 0.90 0.00	60.84 1.29 0.00	63.26 1.65 0.00	59.02 1.91 0.00	108.20 4.79 0.00	107.11 5.95 0.00	90.83 5.80 0.00	79.10 4.95 0.00	69.64 3.79 0.00	79.38 3.54 0.00	59.33 2.03 0.00
CPV_VALLEY__CC1 323721	51.36 0.17 0.00	43.65 0.32 0.00	37.47 0.24 0.00	33.59 0.29 0.00	34.83 0.27 0.00	36.67 0.19 0.00	50.24 -0.10 0.00	52.50 -0.07 0.00	51.16 0.23 0.00	51.81 0.16 0.00	55.25 0.21 0.00	59.40 0.36 0.00	66.27 0.46 0.00	65.93 1.21 0.00	61.20 1.64 0.00	63.77 2.15 0.00	59.48 2.37 0.00	107.47 4.05 0.00	104.61 3.45 0.00	87.75 2.72 0.00	76.05 1.90 0.00	66.95 1.09 0.00	75.94 0.10 0.00	57.09 -0.21 0.00
CPV_VALLEY__CC2 323722	51.36 0.17 0.00	43.65 0.32 0.00	37.47 0.24 0.00	33.59 0.29 0.00	34.83 0.27 0.00	36.67 0.19 0.00	50.24 -0.10 0.00	52.50 -0.07 0.00	51.16 0.23 0.00	51.81 0.16 0.00	55.25 0.21 0.00	59.40 0.36 0.00	66.27 0.46 0.00	65.93 1.21 0.00	61.20 1.64 0.00	63.77 2.15 0.00	59.48 2.37 0.00	107.47 4.05 0.00	104.61 3.45 0.00	87.75 2.72 0.00	76.05 1.90 0.00	66.95 1.09 0.00	75.94 0.10 0.00	57.09 -0.21 0.00
CRESCENT__HYD 24018	52.36 1.17 0.00	44.43 1.10 0.00	38.21 0.98 0.00	34.27 0.97 0.00	35.55 0.99 0.00	37.44 0.96 0.00	51.19 0.86 0.00	53.41 0.84 0.00	51.69 0.76 0.00	52.14 0.50 0.00	55.12 0.07 0.00	59.30 0.26 0.00	66.28 0.46 0.00	65.88 1.16 0.00	60.97 1.41 0.00	63.37 1.76 0.00	58.89 1.78 0.00	107.31 3.90 0.00	104.94 3.79 0.00	88.26 3.23 0.00	76.48 2.32 0.00	67.64 1.79 0.00	77.53 1.69 0.00	58.04 0.74 0.00
CRICKET__VALLEY_CC1 323756	51.42 0.22 0.00	43.69 0.36 0.00	37.49 0.26 0.00	33.64 0.34 0.00	34.85 0.29 0.00	36.68 0.20 0.00	50.08 -0.25 0.00	52.32 -0.24 0.00	51.02 0.08 0.00	51.56 -0.08 0.00	54.81 -0.23 0.00	59.00 -0.03 0.00	65.95 0.13 0.00	65.84 1.12 0.00	61.18 1.62 0.00	63.82 2.21 0.00	59.52 2.41 0.00	107.80 4.39 0.00	104.81 3.65 0.00	87.91 2.87 0.00	76.07 1.92 0.00	66.87 1.01 0.00	75.92 0.08 0.00	56.85 -0.45 0.00
CRICKET__VALLEY_CC2 323757	51.42 0.22 0.00	43.69 0.36 0.00	37.49 0.26 0.00	33.64 0.34 0.00	34.85 0.29 0.00	36.68 0.20 0.00	50.08 -0.25 0.00	52.32 -0.24 0.00	51.02 0.08 0.00	51.56 -0.08 0.00	54.81 -0.23 0.00	59.00 -0.03 0.00	65.95 0.13 0.00	65.84 1.12 0.00	61.18 1.62 0.00	63.82 2.21 0.00	59.52 2.41 0.00	107.80 4.39 0.00	104.81 3.65 0.00	87.91 2.87 0.00	76.07 1.92 0.00	66.87 1.01 0.00	75.92 0.08 0.00	56.85 -0.45 0.00
CRICKET__VALLEY_CC3 323758	51.42 0.22 0.00	43.69 0.36 0.00	37.49 0.26 0.00	33.64 0.34 0.00	34.85 0.29 0.00	36.68 0.20 0.00	50.08 -0.25 0.00	52.32 -0.24 0.00	51.02 0.08 0.00	51.56 -0.08 0.00	54.81 -0.23 0.00	59.00 -0.03 0.00	65.95 0.13 0.00	65.84 1.12 0.00	61.18 1.62 0.00	63.82 2.21 0.00	59.52 2.41 0.00	107.80 4.39 0.00	104.81 3.65 0.00	87.91 2.87 0.00	76.07 1.92 0.00	66.87 1.01 0.00	75.92 0.08 0.00	56.85 -0.45 0.00
CRUCIBLE_METL_DRP 24180	51.17 -0.12 -0.09	43.01 -0.33 0.00	36.87 -0.41 -0.05	32.85 -0.46 0.00	34.16 -0.40 0.00	36.11 -0.37 0.00	50.02 -0.31 0.00	52.38 -0.29 -0.11	51.35 -0.35 -0.77	51.55 -0.09 0.00	55.24 0.20 0.00	59.17 0.13 0.00	66.01 0.19 0.00	65.21 0.49 0.00	60.22 0.66 0.00	62.39 0.77 0.00	57.71 0.60 0.00	104.33 0.91 0.00	102.81 1.11 -0.54	92.08 1.40 -5.65	79.02 1.06 -3.80	68.83 0.62 -2.36	76.58 0.19 -0.55	57.44 0.14 0.00
DAHOWA__HYDRO 323763	53.40 2.20 0.00	45.14 1.80 0.00	38.86 1.64 0.00	34.90 1.59 0.00	36.20 1.64 0.00	38.16 1.68 0.00	52.30 1.97 0.00	54.57 2.01 0.00	52.69 1.76 0.00	53.03 1.39 0.00	55.90 0.86 0.00	60.15 1.12 0.00	67.36 1.55 0.00	66.91 2.20 0.00	61.95 2.40 0.00	64.61 3.00 0.00	60.16 3.05 0.00	110.22 6.81 0.00	108.20 7.04 0.00	91.40 6.37 0.00	78.72 4.57 0.00	69.48 3.63 0.00	79.61 3.77 0.00	59.53 2.24 0.00
DANC__LFGE 323619	51.73 0.27 -0.26	43.29 -0.04 0.00	37.08 -0.20 -0.05	33.08 -0.22 0.00	34.44 -0.12 0.00	36.82 0.34 0.00	51.52 1.19 0.00	54.17 1.49 -0.11	53.02 1.29 -0.80	53.03 1.38 0.00	56.56 1.51 0.00	60.23 1.19 0.00	67.06 1.25 0.00	65.63 0.91 0.00	60.36 0.81 0.00	62.65 1.04 0.00	58.00 0.88 0.00	105.58 2.17 0.00	105.06 3.34 -0.56	94.94 4.04 -5.86	82.19 4.09 -3.95	71.83 3.53 -2.44	80.73 4.32 -0.57	60.58 3.05 -0.23
DANSKAMMER__1 23586	52.03 0.83 0.00	44.18 0.85 0.00	37.91 0.68 0.00	34.00 0.69 0.00	35.24 0.68 0.00	37.09 0.61 0.00	50.78 0.44 0.00	53.06 0.49 0.00	51.78 0.85 0.00	52.46 0.81 0.00	55.91 0.86 0.00	60.19 1.16 0.00	67.25 1.44 0.00	67.03 2.31 0.00	62.38 2.83 0.00	65.09 3.48 0.00	60.30 3.19 0.00	107.85 4.43 0.00	106.43 5.27 0.00	89.56 4.53 0.00	77.49 3.34 0.00	68.07 2.21 0.00	77.15 1.31 0.00	58.00 0.70 0.00
DANSKAMMER__2 23589	52.03 0.83 0.00	44.18 0.85 0.00	37.91 0.68 0.00	34.00 0.69 0.00	35.24 0.68 0.00	37.09 0.61 0.00	50.78 0.44 0.00	53.06 0.49 0.00	51.78 0.85 0.00	52.46 0.81 0.00	55.91 0.86 0.00	60.19 1.16 0.00	67.25 1.44 0.00	67.03 2.31 0.00	62.38 2.83 0.00	65.09 3.48 0.00	60.30 3.19 0.00	107.85 4.43 0.00	106.43 5.27 0.00	89.56 4.53 0.00	77.49 3.34 0.00	68.07 2.21 0.00	77.15 1.31 0.00	58.00 0.70 0.00
DANSKAMMER__3 23590	52.03 0.83 0.00	44.18 0.85 0.00	37.91 0.68 0.00	34.00 0.69 0.00	35.24 0.68 0.00	37.09 0.61 0.00	50.78 0.44 0.00	53.06 0.49 0.00	51.78 0.85 0.00	52.46 0.81 0.00	55.91 0.86 0.00	60.19 1.16 0.00	67.25 1.44 0.00	67.03 2.31 0.00	62.38 2.83 0.00	65.09 3.48 0.00	60.30 3.19 0.00	107.85 4.43 0.00	106.43 5.27 0.00	89.56 4.53 0.00	77.49 3.34 0.00	68.07 2.21 0.00	77.15 1.31 0.00	58.00 0.70 0.00

DANSKAMMER___4 23591	52.03 0.83 0.00	44.18 0.85 0.00	37.91 0.68 0.00	34.00 0.69 0.00	35.24 0.68 0.00	37.09 0.61 0.00	50.78 0.44 0.00	53.06 0.49 0.00	51.78 0.85 0.00	52.46 0.81 0.00	55.91 0.86 0.00	60.19 1.16 0.00	67.25 1.44 0.00	67.03 2.31 0.00	62.38 2.83 0.00	65.09 3.48 0.00	60.30 3.19 0.00	107.85 4.43 0.00	106.43 5.27 0.00	89.56 4.53 0.00	77.49 3.34 0.00	68.07 2.21 0.00	77.15 1.31 0.00	58.00 0.70 0.00
DANSKAMMER___DIESEL 23592	52.03 0.83 0.00	44.18 0.85 0.00	37.91 0.69 0.00	34.00 0.69 0.00	35.24 0.68 0.00	37.09 0.61 0.00	50.78 0.44 0.00	53.06 0.49 0.00	51.78 0.85 0.00	52.46 0.81 0.00	55.91 0.86 0.00	60.19 1.16 0.00	67.27 1.45 0.00	67.04 2.32 0.00	62.39 2.83 0.00	65.10 3.48 0.00	60.30 3.19 0.00	107.84 4.43 0.00	106.44 5.28 0.00	89.56 4.53 0.00	77.49 3.34 0.00	68.07 2.21 0.00	77.16 1.32 0.00	58.00 0.70 0.00
DARBY___SOLAR 323810	53.13 1.94 0.00	44.94 1.61 0.00	38.68 1.45 0.00	34.72 1.41 0.00	36.01 1.46 0.00	37.96 1.48 0.00	52.01 1.67 0.00	54.27 1.70 0.00	52.40 1.47 0.00	52.74 1.10 0.00	55.64 0.59 0.00	59.82 0.78 0.00	66.98 1.16 0.00	66.53 1.82 0.00	61.61 2.05 0.00	64.19 2.58 0.00	59.77 2.66 0.00	109.39 5.97 0.00	107.34 6.18 0.00	90.61 5.58 0.00	78.16 4.01 0.00	69.02 3.16 0.00	79.12 3.28 0.00	59.19 1.89 0.00
DASHVILLE___HYD 23610	51.79 0.59 0.00	44.04 0.71 0.00	37.79 0.57 0.00	33.88 0.57 0.00	35.11 0.55 0.00	36.96 0.48 0.00	50.61 0.27 0.00	52.85 0.28 0.00	51.54 0.60 0.00	52.13 0.49 0.00	55.54 0.50 0.00	59.73 0.69 0.00	66.70 0.88 0.00	66.47 1.75 0.00	61.76 2.20 0.00	64.38 2.76 0.00	59.99 2.88 0.00	108.32 4.91 0.00	105.75 4.59 0.00	88.77 3.73 0.00	76.90 2.75 0.00	67.63 1.77 0.00	76.67 0.83 0.00	57.51 0.21 0.00
DELAWARE___LFGE 323621	51.94 0.73 -0.02	44.18 0.85 0.00	37.90 0.66 -0.01	33.92 0.61 0.00	35.22 0.66 0.00	37.17 0.69 0.00	51.22 0.89 0.00	53.38 0.80 -0.02	51.88 0.81 -0.15	52.44 0.79 0.00	56.08 1.03 0.00	60.22 1.18 0.00	67.18 1.36 0.00	66.51 1.79 0.00	61.43 1.88 0.00	63.68 2.07 0.00	59.16 2.05 0.00	106.93 3.52 0.00	104.56 3.30 -0.10	89.08 2.96 -1.09	77.31 2.42 -0.73	68.17 1.86 -0.45	77.38 1.44 -0.11	58.18 0.88 0.00
DERFIELD_115KV_TB7 355931	51.14 -0.06 0.00	43.35 0.02 0.00	37.23 0.00 0.00	33.31 0.00 0.00	34.56 0.00 0.00	36.48 0.01 0.00	50.29 -0.05 0.00	52.46 -0.10 0.00	50.83 -0.10 0.00	51.50 -0.15 0.00	54.84 -0.20 0.00	58.82 -0.21 0.00	65.63 -0.19 0.00	64.76 0.04 0.00	59.73 0.17 0.00	61.88 0.28 0.00	57.40 0.29 0.00	104.06 0.64 0.00	101.78 0.62 0.00	85.62 0.58 0.00	74.57 0.42 0.00	66.09 0.23 0.00	75.89 0.05 0.00	57.22 -0.08 0.00
DOGLEVILLE___HYD 23807	52.18 0.98 0.00	44.49 1.16 0.00	38.24 1.01 0.00	34.31 1.00 0.00	35.60 1.04 0.00	37.53 1.05 0.00	51.21 0.88 0.00	52.81 0.25 0.00	50.40 -0.53 0.00	50.43 -1.21 0.00	53.31 -1.74 0.00	57.36 -1.68 0.00	64.42 -1.39 0.00	64.44 -0.28 0.00	60.00 0.45 0.00	62.62 1.01 0.00	58.59 1.47 0.00	107.28 3.87 0.00	106.03 4.87 0.00	90.16 5.13 0.00	78.19 4.04 0.00	68.91 3.05 0.00	78.32 2.49 0.00	58.15 0.86 0.00
DUNKIRK__115KV_TB_200 55889	53.60 2.41 0.00	43.85 0.52 0.00	37.16 -0.07 0.00	33.02 -0.28 0.00	34.72 0.16 0.00	36.77 0.30 0.00	52.14 1.81 0.00	54.69 2.12 0.00	53.08 2.15 0.00	55.26 3.61 0.00	60.10 5.05 0.00	71.53 5.06 -7.43	89.68 5.13 -18.73	92.14 4.94 -22.49	74.09 5.39 -9.15	68.83 5.45 -1.77	61.05 3.94 0.00	108.25 4.84 0.00	105.69 4.53 0.00	90.54 5.28 -0.23	78.58 4.43 0.00	68.99 3.14 0.00	79.66 3.82 0.00	61.40 4.11 0.00
DUNKIRK___1 23563	53.60 2.41 0.00	43.85 0.52 0.00	37.16 -0.07 0.00	33.02 -0.28 0.00	34.72 0.16 0.00	36.77 0.30 0.00	52.14 1.81 0.00	54.69 2.12 0.00	53.08 2.15 0.00	55.26 3.61 0.00	60.10 5.05 0.00	71.53 5.06 -7.43	89.68 5.13 -18.73	92.14 4.94 -22.49	74.09 5.39 -9.15	68.83 5.45 -1.77	61.05 3.94 0.00	108.25 4.84 0.00	105.69 4.53 0.00	90.54 5.28 -0.23	78.58 4.43 0.00	68.99 3.14 0.00	79.66 3.82 0.00	61.40 4.11 0.00
DUNKIRK___2 23564	53.60 2.41 0.00	43.85 0.52 0.00	37.16 -0.07 0.00	33.02 -0.28 0.00	34.72 0.16 0.00	36.77 0.30 0.00	52.14 1.81 0.00	54.69 2.12 0.00	53.08 2.15 0.00	55.26 3.61 0.00	60.10 5.05 0.00	71.53 5.06 -7.43	89.68 5.13 -18.73	92.14 4.94 -22.49	74.09 5.39 -9.15	68.83 5.45 -1.77	61.05 3.94 0.00	108.25 4.84 0.00	105.69 4.53 0.00	90.54 5.28 -0.23	78.58 4.43 0.00	68.99 3.14 0.00	79.66 3.82 0.00	61.40 4.11 0.00
DUNKIRK___3 23565	53.51 2.31 0.00	43.80 0.47 0.00	37.13 -0.10 0.00	32.97 -0.33 0.00	34.59 0.03 0.00	36.64 0.16 0.00	51.90 1.56 0.00	54.39 1.82 0.00	52.82 1.89 0.00	54.97 3.33 0.00	59.73 4.68 0.00	71.13 4.64 -7.45	89.30 4.71 -18.78	91.85 4.59 -22.55	73.73 5.01 -9.17	68.41 5.03 -1.77	60.59 3.48 0.00	107.55 4.13 0.00	105.05 3.89 0.00	89.88 4.64 -0.20	78.04 3.89 0.00	68.55 2.69 0.00	79.11 3.27 0.00	61.05 3.75 0.00
DUNKIRK___4 23566	53.51 2.31 0.00	43.80 0.47 0.00	37.13 -0.10 0.00	32.97 -0.33 0.00	34.59 0.03 0.00	36.64 0.16 0.00	51.90 1.56 0.00	54.39 1.82 0.00	52.82 1.89 0.00	54.97 3.33 0.00	59.73 4.68 0.00	71.13 4.64 -7.45	89.30 4.71 -18.78	91.85 4.59 -22.55	73.73 5.01 -9.17	68.41 5.03 -1.77	60.59 3.48 0.00	107.55 4.13 0.00	105.05 3.89 0.00	89.88 4.64 -0.20	78.04 3.89 0.00	68.55 2.69 0.00	79.11 3.27 0.00	61.05 3.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.12 0.92 0.00	44.29 0.95 0.00	38.03 0.81 0.00	34.11 0.81 0.00	35.35 0.78 0.00	37.21 0.73 0.00	50.89 0.56 0.00	53.15 0.58 0.00	51.95 1.02 0.00	52.61 0.97 0.00	56.17 1.12 0.00	60.40 1.37 0.00	67.40 1.58 0.00	67.25 2.53 0.00	62.49 2.94 0.00	65.22 3.61 0.00	60.89 3.78 0.00	109.88 6.47 0.00	106.70 5.54 0.00	89.38 4.34 0.00	77.32 3.17 0.00	67.86 2.01 0.00	76.74 0.90 0.00	57.62 0.33 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.91 0.71 0.00	44.08 0.75 0.00	37.82 0.59 0.00	33.91 0.60 0.00	35.15 0.59 0.00	37.00 0.52 0.00	50.68 0.35 0.00	52.98 0.42 0.00	51.67 0.74 0.00	52.32 0.67 0.00	55.78 0.74 0.00	60.02 0.98 0.00	67.02 1.20 0.00	66.75 2.03 0.00	62.06 2.51 0.00	64.74 3.13 0.00	60.31 3.20 0.00	108.63 5.22 0.00	106.23 5.07 0.00	89.20 4.17 0.00	77.22 3.07 0.00	67.87 2.02 0.00	76.90 1.07 0.00	57.75 0.45 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.96 0.76 0.00	44.33 1.00 0.00	38.02 0.80 0.00	34.14 0.83 0.00	35.24 0.67 0.00	37.13 0.65 0.00	50.65 0.32 0.00	52.84 0.28 0.00	51.84 0.91 0.00	52.38 0.73 0.00	55.94 0.89 0.00	60.08 1.05 0.00	66.99 1.17 0.00	66.91 2.19 0.00	62.16 2.60 0.00	64.86 3.25 0.00	60.63 3.52 0.00	109.23 5.82 0.00	105.89 4.74 0.00	88.74 3.71 0.00	76.79 2.64 0.00	67.34 1.49 0.00	76.14 0.30 0.00	57.28 -0.02 0.00

E179THST_13_KV_LOAD 356214	52.29 1.09 0.00	44.61 1.27 0.00	38.25 1.02 0.00	34.34 1.04 0.00	35.43 0.87 0.00	37.33 0.85 0.00	50.96 0.62 0.00	53.19 0.63 0.00	52.20 1.27 0.00	52.73 1.09 0.00	56.34 1.29 0.00	60.50 1.47 0.00	67.49 1.68 0.00	67.39 2.68 0.00	62.64 3.08 0.00	65.36 3.75 0.00	61.09 3.98 0.00	110.06 6.64 0.00	106.70 5.55 0.00	89.40 4.36 0.00	77.36 3.21 0.00	67.86 2.00 0.00	76.71 0.87 0.00	57.71 0.41 0.00
EAST HAMPTON___GT 23717	52.68 1.48 0.00	45.14 1.81 0.00	39.09 1.86 0.00	35.10 1.80 0.00	36.52 1.96 0.00	38.32 1.84 0.00	51.43 1.10 0.00	54.57 2.00 0.00	54.29 3.36 0.00	55.67 4.03 0.00	60.62 5.41 -0.17	84.72 5.47 -20.22	153.65 6.62 -81.21	178.21 6.96 -106.54	270.86 6.21 -205.10	185.45 7.26 -116.58	248.07 7.46 -183.50	259.26 12.20 -143.64	233.20 10.92 -121.12	229.79 8.52 -136.24	80.54 6.39 0.00	71.04 5.18 0.00	79.64 3.81 0.00	60.39 3.09 0.00
EAST RIVER___6 23660	52.10 0.91 0.00	44.32 0.98 0.00	38.08 0.85 0.00	34.17 0.87 0.00	35.38 0.82 0.00	37.24 0.76 0.00	50.88 0.55 0.00	53.14 0.58 0.00	52.05 1.12 0.00	52.78 1.14 0.00	56.41 1.37 0.00	60.67 1.63 0.00	67.63 1.81 0.00	67.45 2.73 0.00	62.84 3.28 0.00	65.56 3.95 0.00	61.24 4.13 0.00	110.28 6.87 0.00	106.86 5.70 0.00	89.45 4.42 0.00	77.50 3.34 0.00	67.91 2.06 0.00	76.61 0.77 0.00	57.59 0.29 0.00
EAST RIVER___7 23524	52.10 0.91 0.00	44.32 0.98 0.00	38.08 0.85 0.00	34.17 0.87 0.00	35.38 0.82 0.00	37.24 0.76 0.00	50.88 0.55 0.00	53.14 0.58 0.00	52.05 1.12 0.00	52.78 1.14 0.00	56.41 1.37 0.00	60.67 1.63 0.00	67.63 1.81 0.00	67.45 2.73 0.00	62.84 3.28 0.00	65.56 3.95 0.00	61.24 4.13 0.00	110.28 6.87 0.00	106.86 5.70 0.00	89.45 4.42 0.00	77.50 3.34 0.00	67.91 2.06 0.00	76.61 0.77 0.00	57.59 0.29 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.02 0.82 0.00	44.20 0.87 0.00	37.96 0.73 0.00	34.03 0.72 0.00	35.28 0.72 0.00	37.13 0.65 0.00	50.79 0.46 0.00	53.07 0.50 0.00	51.85 0.91 0.00	52.51 0.87 0.00	56.06 1.01 0.00	60.28 1.25 0.00	67.28 1.46 0.00	67.13 2.41 0.00	62.37 2.82 0.00	65.07 3.45 0.00	60.77 3.65 0.00	109.68 6.26 0.00	106.52 5.36 0.00	89.22 4.19 0.00	77.20 3.05 0.00	67.78 1.93 0.00	76.66 0.82 0.00	57.56 0.26 0.00
EAST_HAMPTON___DIESEL 23722	52.56 1.36 0.00	45.09 1.76 0.00	39.06 1.83 0.00	35.08 1.77 0.00	36.51 1.95 0.00	38.30 1.82 0.00	51.37 1.04 0.00	54.52 1.96 0.00	54.27 3.34 0.00	55.65 4.00 0.00	60.63 5.42 -0.17	84.77 5.51 -20.22	153.66 6.63 -81.21	178.25 7.00 -106.53	270.88 6.22 -205.10	185.48 7.30 -116.58	248.09 7.48 -183.50	259.27 12.22 -143.64	233.20 10.93 -121.12	229.79 8.52 -136.24	80.56 6.41 0.00	71.03 5.17 0.00	79.66 3.82 0.00	60.37 3.08 0.00
EAST_POINT___SOLAR 323840	54.35 3.15 0.00	45.73 2.40 0.00	39.12 1.89 0.00	34.94 1.63 0.00	36.27 1.71 0.00	38.41 1.93 0.00	53.27 2.94 0.00	54.25 1.69 0.00	51.04 0.11 0.00	51.51 -0.13 0.00	54.99 -0.06 0.00	59.05 0.01 0.00	65.94 0.13 0.00	65.01 0.30 0.00	60.05 0.50 0.00	62.04 0.43 0.00	57.70 0.59 0.00	105.32 1.91 0.00	106.21 5.06 0.00	91.92 6.89 0.00	80.65 6.50 0.00	71.25 5.39 0.00	81.43 5.60 0.00	61.46 4.16 0.00
EAST_PULASKI___ESR 323781	51.13 -0.30 -0.22	42.88 -0.45 0.00	36.78 -0.52 -0.08	32.79 -0.52 0.00	34.08 -0.48 0.00	36.19 -0.29 0.00	50.32 -0.02 0.00	52.77 0.04 -0.17	52.01 -0.10 -1.18	51.67 0.03 0.00	55.24 0.19 0.00	59.01 -0.03 0.00	65.80 -0.01 0.00	64.72 0.01 0.00	59.68 0.12 0.00	61.89 0.28 0.00	57.23 0.11 0.00	103.78 0.37 0.00	103.02 1.03 -0.83	95.28 1.62 -8.64	81.56 1.60 -5.81	70.70 1.25 -3.60	78.02 1.34 -0.84	58.28 0.86 -0.12
EAST_RIVER___1 323558	52.13 0.93 0.00	44.32 0.99 0.00	38.09 0.86 0.00	34.18 0.87 0.00	35.40 0.84 0.00	37.26 0.79 0.00	50.94 0.61 0.00	53.16 0.60 0.00	52.05 1.13 0.00	52.76 1.12 0.00	56.32 1.28 0.00	60.60 1.56 0.00	67.59 1.78 0.00	67.41 2.69 0.00	62.74 3.18 0.00	65.47 3.86 0.00	61.12 4.01 0.00	110.23 6.82 0.00	106.87 5.71 0.00	89.43 4.40 0.00	77.43 3.28 0.00	67.86 2.01 0.00	76.64 0.80 0.00	57.57 0.27 0.00
EAST_RIVER___2 323559	52.10 0.91 0.00	44.32 0.98 0.00	38.08 0.85 0.00	34.17 0.87 0.00	35.38 0.82 0.00	37.24 0.76 0.00	50.88 0.55 0.00	53.14 0.58 0.00	52.05 1.12 0.00	52.78 1.14 0.00	56.41 1.37 0.00	60.67 1.63 0.00	67.63 1.81 0.00	67.45 2.73 0.00	62.84 3.28 0.00	65.56 3.95 0.00	61.24 4.13 0.00	110.28 6.87 0.00	106.86 5.70 0.00	89.45 4.42 0.00	77.50 3.34 0.00	67.91 2.06 0.00	76.61 0.77 0.00	57.59 0.29 0.00
EAST___DELAWARE_HYD 23607	51.36 0.17 0.00	43.59 0.25 0.00	37.35 0.12 0.00	33.45 0.14 0.00	34.69 0.13 0.00	36.53 0.05 0.00	50.11 -0.22 0.00	52.35 -0.21 0.00	51.01 0.07 0.00	51.62 -0.02 0.00	55.02 -0.03 0.00	59.19 0.16 0.00	65.85 0.03 0.00	64.13 -0.58 0.00	59.63 0.07 0.00	62.30 0.69 0.00	58.26 1.15 0.00	105.57 2.16 0.00	103.28 2.12 0.00	86.70 1.67 0.00	75.22 1.07 0.00	67.65 1.80 0.00	76.53 0.69 0.00	57.36 0.06 0.00
EIGHT_POINT___WT_PWR 323820	52.36 1.14 -0.02	43.19 -0.14 0.00	36.74 -0.50 -0.01	32.58 -0.72 0.00	34.21 -0.35 0.00	36.29 -0.18 0.00	51.16 0.83 0.00	53.52 0.93 -0.03	52.04 0.93 -0.18	53.55 1.91 0.00	57.87 2.82 0.00	66.30 2.65 -4.62	80.26 2.80 -11.64	81.71 3.02 -13.97	68.82 3.58 -5.69	66.33 3.62 -1.10	59.87 2.76 0.00	107.24 3.82 0.00	105.86 4.58 -0.13	91.66 5.22 -1.40	79.71 4.68 -0.88	70.03 3.62 -0.55	79.54 3.57 -0.13	60.96 3.66 0.00
ELBRIDGE_115KV_TB2 80188	51.19 -0.10 -0.09	42.99 -0.34 0.00	36.86 -0.42 -0.05	32.84 -0.47 0.00	34.17 -0.39 0.00	36.12 -0.36 0.00	50.01 -0.33 0.00	52.39 -0.29 -0.11	51.40 -0.35 -0.81	51.56 -0.08 0.00	55.26 0.21 0.00	59.10 0.07 0.00	66.03 0.21 0.00	65.19 0.47 0.00	60.18 0.62 0.00	62.33 0.72 0.00	57.59 0.48 0.00	104.03 0.62 0.00	102.53 0.80 -0.57	92.27 1.26 -5.97	79.17 1.00 -4.02	68.90 0.56 -2.49	76.61 0.19 -0.58	57.44 0.14 0.00
ELEC_TRO_TEK 24086	52.01 0.82 0.00	44.18 0.84 0.00	37.95 0.72 0.00	33.97 0.66 0.00	35.21 0.65 0.00	37.06 0.58 0.00	50.47 0.13 0.00	52.84 0.27 0.00	51.68 0.75 0.00	52.55 0.91 0.00	56.50 1.29 -0.17	60.33 1.29 0.00	67.54 1.72 0.00	67.59 2.87 0.00	62.37 2.85 0.04	65.22 3.63 0.02	60.99 3.88 0.00	109.89 6.48 0.00	106.63 5.47 0.00	89.18 4.15 0.00	76.98 2.82 0.00	67.62 1.77 0.00	76.16 0.32 0.00	57.37 0.08 0.00
ELLENBURG_WT_PWR 323604	51.37 0.17 0.00	43.34 0.01 0.00	37.39 0.16 0.00	33.47 0.16 0.00	34.66 0.10 0.00	36.55 0.08 0.00	50.66 0.33 0.00	53.36 0.79 0.00	51.71 0.78 0.00	52.39 0.75 0.00	55.84 0.80 0.00	59.90 0.87 0.00	66.67 0.85 0.00	64.71 0.00 0.00	58.98 -0.58 0.00	60.83 -0.78 0.00	56.19 -0.92 0.00	101.98 -1.44 0.00	99.89 -1.27 0.00	84.08 -0.96 0.00	73.71 -0.44 0.00	65.68 -0.17 0.00	76.38 0.54 0.00	57.89 0.60 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	53.84 2.64 0.00	43.96 0.63 0.00	37.23 0.00 0.00	33.03 -0.28 0.00	34.48 -0.08 0.00	36.59 0.11 0.00	51.81 1.47 0.00	54.23 1.66 0.00	52.72 1.79 0.00	55.03 3.39 0.00	59.76 4.71 0.00	71.46 4.66 -7.76	90.04 4.65 -19.57	92.80 4.58 -23.50	73.96 4.84 -9.56	68.12 4.67 -1.84	59.82 2.71 0.00	106.30 2.89 0.00	103.84 2.69 0.00	88.67 3.52 -0.11	77.33 3.17 0.00	67.85 1.99 0.00	78.65 2.81 0.00	60.96 3.66 0.00
EMPIRE_CC_1 323656	51.22 0.02 0.00	43.55 0.22 0.00	37.49 0.26 0.00	33.66 0.35 0.00	34.89 0.33 0.00	36.72 0.24 0.00	50.11 -0.22 0.00	52.23 -0.34 0.00	50.57 -0.36 0.00	51.02 -0.62 0.00	53.88 -1.17 0.00	57.95 -1.09 0.00	64.71 -1.10 0.00	64.39 -0.33 0.00	59.60 0.04 0.00	61.88 0.27 0.00	57.49 0.38 0.00	104.58 1.17 0.00	102.09 0.93 0.00	85.73 0.70 0.00	74.39 0.24 0.00	65.82 -0.03 0.00	75.46 -0.38 0.00	56.52 -0.77 0.00
EMPIRE_CC_2 323658	51.22 0.02 0.00	43.55 0.22 0.00	37.49 0.26 0.00	33.66 0.35 0.00	34.89 0.33 0.00	36.72 0.24 0.00	50.11 -0.22 0.00	52.23 -0.34 0.00	50.57 -0.36 0.00	51.02 -0.62 0.00	53.88 -1.17 0.00	57.95 -1.09 0.00	64.71 -1.10 0.00	64.39 -0.33 0.00	59.60 0.04 0.00	61.88 0.27 0.00	57.49 0.38 0.00	104.58 1.17 0.00	102.09 0.93 0.00	85.73 0.70 0.00	74.39 0.24 0.00	65.82 -0.03 0.00	75.46 -0.38 0.00	56.52 -0.77 0.00
ENORWICH_115KV_TB1 80156	53.63 2.39 -0.04	45.42 2.08 0.00	39.07 1.82 -0.02	34.98 1.67 0.00	36.44 1.88 0.00	38.59 2.12 0.00	53.70 3.37 0.00	56.02 3.41 -0.05	54.27 3.02 -0.32	54.88 3.24 0.00	58.74 3.69 0.00	62.98 3.95 0.00	70.54 4.73 0.00	69.85 5.13 0.00	64.93 5.37 0.00	67.43 5.82 0.00	62.72 5.61 0.00	113.66 10.25 0.00	112.71 11.32 -0.22	98.00 10.63 -2.34	84.69 8.96 -1.58	74.09 7.25 -0.97	83.02 6.96 -0.23	61.79 4.50 0.00
ERIE_ST__34_KV_TB1-2 80199	54.19 2.99 0.00	44.26 0.93 0.00	37.49 0.26 0.00	33.23 -0.08 0.00	34.68 0.12 0.00	36.80 0.32 0.00	52.09 1.75 0.00	54.57 2.01 0.00	53.15 2.22 0.00	55.49 3.85 0.00	60.32 5.27 0.00	72.14 5.30 -7.81	91.03 5.53 -19.68	93.98 5.63 -23.63	75.05 5.88 -9.61	69.28 5.82 -1.85	61.09 3.98 0.00	108.88 5.47 0.00	106.36 5.20 0.00	90.80 5.46 -0.30	78.79 4.64 0.00	68.87 3.01 0.00	79.55 3.71 0.00	61.46 4.15 0.00
ERIE_WT_PWR 323693	51.59 2.88 2.49	44.16 0.83 0.00	37.39 0.16 0.00	33.19 -0.12 0.00	34.60 0.04 0.00	36.72 0.25 0.00	52.01 1.67 0.00	54.42 1.86 0.00	52.95 2.02 0.00	55.25 3.61 0.00	60.02 4.97 0.00	71.82 4.95 -7.84	90.60 5.04 -19.75	93.46 5.02 -23.72	74.44 5.24 -9.65	68.58 5.11 -1.86	60.29 3.18 0.00	107.26 3.84 0.00	104.83 3.67 0.00	89.69 4.30 -0.35	77.99 3.84 0.00	68.38 2.53 0.00	79.12 3.29 0.00	61.27 3.97 0.00
ESPRGFLD_115KV_TB1 80157	53.23 2.04 0.00	44.93 1.60 0.00	38.41 1.18 0.00	34.29 0.99 0.00	35.62 1.06 0.00	37.70 1.23 0.00	52.53 2.19 0.00	54.76 2.20 0.00	52.91 1.98 0.00	53.79 2.15 0.00	57.87 2.83 0.00	62.09 3.05 0.00	69.22 3.40 0.00	68.06 3.34 0.00	62.59 3.03 0.00	64.72 3.11 0.00	59.89 2.78 0.00	108.16 4.75 0.00	106.42 5.27 0.00	90.22 5.19 0.00	78.85 4.70 0.00	69.73 3.87 0.00	79.72 3.88 0.00	60.36 3.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	52.35 1.11 -0.05	44.05 0.71 0.00	37.75 0.49 -0.03	33.65 0.35 0.00	35.03 0.47 0.00	37.03 0.56 0.00	51.39 1.06 0.00	53.70 1.08 -0.06	52.18 0.81 -0.44	52.57 0.93 0.00	56.23 1.19 0.00	60.14 1.10 0.00	67.31 1.50 0.00	66.53 1.81 0.00	61.71 2.16 0.00	63.84 2.23 0.00	59.17 2.06 0.00	107.06 3.65 0.00	105.77 4.31 -0.31	92.79 4.56 -3.20	80.19 3.88 -2.15	70.19 3.00 -1.33	78.84 2.69 -0.31	59.23 1.93 0.00
ETNA____115KV_TB2 80207	52.35 1.11 -0.05	44.05 0.71 0.00	37.75 0.49 -0.03	33.65 0.35 0.00	35.03 0.47 0.00	37.03 0.56 0.00	51.39 1.06 0.00	53.70 1.08 -0.06	52.18 0.81 -0.44	52.57 0.93 0.00	56.23 1.19 0.00	60.14 1.10 0.00	67.31 1.50 0.00	66.53 1.81 0.00	61.71 2.16 0.00	63.84 2.23 0.00	59.17 2.06 0.00	107.06 3.65 0.00	105.77 4.31 -0.31	92.79 4.56 -3.20	80.19 3.88 -2.15	70.19 3.00 -1.33	78.84 2.69 -0.31	59.23 1.93 0.00
EUCLID___115KV_TB2 356179	50.75 -0.49 -0.04	42.72 -0.62 0.00	36.59 -0.67 -0.02	32.67 -0.64 0.00	33.94 -0.62 0.00	35.88 -0.60 0.00	49.70 -0.64 0.00	51.95 -0.67 -0.05	50.59 -0.70 -0.36	51.20 -0.45 0.00	54.84 -0.21 0.00	58.77 -0.26 0.00	65.61 -0.21 0.00	64.77 0.05 0.00	59.83 0.27 0.00	62.00 0.39 0.00	57.31 0.20 0.00	103.51 0.09 0.00	101.67 0.26 -0.25	88.21 0.53 -2.64	76.25 0.32 -1.78	66.95 -0.01 -1.10	75.69 -0.40 -0.26	56.99 -0.31 0.00
E_CANADA_CAP_HY 24051	53.73 2.54 0.00	45.19 1.86 0.00	38.65 1.43 0.00	34.49 1.18 0.00	35.82 1.26 0.00	37.92 1.44 0.00	52.82 2.49 0.00	54.84 2.27 0.00	52.59 1.66 0.00	53.35 1.70 0.00	57.12 2.08 0.00	61.24 2.21 0.00	68.26 2.45 0.00	67.01 2.29 0.00	61.56 2.01 0.00	63.55 1.94 0.00	58.75 1.64 0.00	106.58 3.17 0.00	105.61 4.45 0.00	90.08 5.05 0.00	78.92 4.77 0.00	69.84 3.99 0.00	80.12 4.28 0.00	60.79 3.49 0.00
E_CANADA_MHWK_HY 24050	52.18 0.98 0.00	44.49 1.16 0.00	38.24 1.01 0.00	34.31 1.00 0.00	35.60 1.04 0.00	37.53 1.05 0.00	51.21 0.88 0.00	52.82 0.25 0.00	50.40 -0.53 0.00	50.43 -1.21 0.00	53.31 -1.74 0.00	57.36 -1.68 0.00	64.42 -1.40 0.00	64.44 -0.28 0.00	60.00 0.45 0.00	62.62 1.01 0.00	58.59 1.47 0.00	107.28 3.87 0.00	106.03 4.87 0.00	90.16 5.13 0.00	78.19 4.04 0.00	68.91 3.05 0.00	78.32 2.49 0.00	58.15 0.86 0.00
E_FISHKILL___LBMP 23776	51.73 0.53 0.00	43.98 0.64 0.00	37.76 0.53 0.00	33.88 0.57 0.00	35.10 0.54 0.00	36.94 0.47 0.00	50.53 0.19 0.00	52.76 0.20 0.00	51.47 0.54 0.00	52.08 0.44 0.00	55.51 0.46 0.00	59.68 0.65 0.00	66.64 0.82 0.00	66.43 1.71 0.00	61.70 2.15 0.00	64.32 2.71 0.00	59.98 2.87 0.00	108.40 4.99 0.00	105.41 4.26 0.00	88.37 3.34 0.00	76.51 2.36 0.00	67.26 1.40 0.00	76.26 0.43 0.00	57.23 -0.07 0.00
FALCON___SEABRD_CC1 323796	51.33 0.14 0.00	43.34 0.00 0.00	37.44 0.21 0.00	33.66 0.36 0.00	34.84 0.28 0.00	36.57 0.09 0.00	50.58 0.24 0.00	53.33 0.77 0.00	51.66 0.73 0.00	52.34 0.69 0.00	55.85 0.80 0.00	59.96 0.93 0.00	66.79 0.98 0.00	64.85 0.13 0.00	59.03 -0.52 0.00	60.98 -0.64 0.00	56.37 -0.74 0.00	102.31 -1.11 0.00	100.09 -1.07 0.00	84.40 -0.63 0.00	73.91 -0.24 0.00	65.79 -0.07 0.00	76.51 0.67 0.00	57.92 0.62 0.00
FALCON___SEABRD_CC2 323797	51.33 0.14 0.00	43.34 0.00 0.00	37.44 0.21 0.00	33.66 0.36 0.00	34.84 0.28 0.00	36.57 0.09 0.00	50.58 0.24 0.00	53.33 0.77 0.00	51.66 0.73 0.00	52.34 0.69 0.00	55.85 0.80 0.00	59.96 0.93 0.00	66.79 0.98 0.00	64.85 0.13 0.00	59.03 -0.52 0.00	60.98 -0.64 0.00	56.37 -0.74 0.00	102.31 -1.11 0.00	100.09 -1.07 0.00	84.40 -0.63 0.00	73.91 -0.24 0.00	65.79 -0.07 0.00	76.51 0.67 0.00	57.92 0.62 0.00

FAR ROCKAWAY___4 23548	52.96 1.76 0.00	44.91 1.58 0.00	38.54 1.31 0.00	34.47 1.17 0.00	35.73 1.17 0.00	37.63 1.15 0.00	51.25 0.91 0.00	53.69 1.13 0.00	52.54 1.61 0.00	53.52 1.88 0.00	57.65 2.43 -0.17	61.64 2.61 0.00	69.30 3.26 -0.23	69.95 4.11 -1.13	63.82 4.01 -0.25	66.60 4.88 -0.12	62.23 5.12 0.00	112.14 8.73 0.00	108.81 7.65 0.00	90.92 5.89 0.00	78.44 4.28 0.00	68.87 3.01 0.00	77.53 1.69 0.00	58.55 1.26 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	52.16 0.96 0.00	44.35 1.02 0.00	38.11 0.88 0.00	34.19 0.88 0.00	35.42 0.86 0.00	37.29 0.81 0.00	50.97 0.63 0.00	53.18 0.62 0.00	52.08 1.16 0.00	52.77 1.13 0.00	56.35 1.30 0.00	60.62 1.58 0.00	67.63 1.81 0.00	67.45 2.73 0.00	62.75 3.20 0.00	65.47 3.86 0.00	61.14 4.02 0.00	110.27 6.86 0.00	106.94 5.78 0.00	89.51 4.48 0.00	77.48 3.33 0.00	67.89 2.04 0.00	76.69 0.85 0.00	57.60 0.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	52.17 0.97 0.00	44.36 1.03 0.00	38.12 0.90 0.00	34.20 0.90 0.00	35.43 0.88 0.00	37.30 0.82 0.00	50.99 0.66 0.00	53.20 0.63 0.00	52.09 1.16 0.00	52.77 1.13 0.00	56.35 1.30 0.00	60.62 1.58 0.00	67.63 1.81 0.00	67.46 2.74 0.00	62.75 3.20 0.00	65.48 3.86 0.00	61.15 4.04 0.00	110.29 6.88 0.00	106.97 5.81 0.00	89.53 4.50 0.00	77.48 3.33 0.00	67.92 2.06 0.00	76.72 0.88 0.00	57.63 0.33 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	52.10 0.91 0.00	44.31 0.98 0.00	38.08 0.86 0.00	34.17 0.86 0.00	35.40 0.84 0.00	37.27 0.79 0.00	50.95 0.61 0.00	53.15 0.59 0.00	52.05 1.13 0.00	52.74 1.10 0.00	56.31 1.27 0.00	60.56 1.53 0.00	67.56 1.75 0.00	67.39 2.67 0.00	62.69 3.13 0.00	65.41 3.80 0.00	61.08 3.97 0.00	110.17 6.76 0.00	106.83 5.68 0.00	89.41 4.38 0.00	77.39 3.24 0.00	67.82 1.96 0.00	76.60 0.76 0.00	57.54 0.24 0.00
FARRAGUT___LBMP 323566	52.06 0.86 0.00	44.28 0.94 0.00	38.05 0.82 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.89 0.56 0.00	53.08 0.52 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.47 1.43 0.00	67.46 1.65 0.00	67.29 2.57 0.00	62.60 3.04 0.00	65.31 3.70 0.00	60.99 3.88 0.00	110.02 6.61 0.00	106.68 5.52 0.00	89.32 4.28 0.00	77.30 3.14 0.00	67.75 1.89 0.00	76.53 0.69 0.00	57.48 0.18 0.00
FENNER___WINDPWR 24204	52.37 1.09 -0.08	44.09 0.76 0.00	37.81 0.55 -0.02	33.76 0.45 0.00	35.09 0.52 0.00	37.14 0.66 0.00	51.49 1.15 0.00	53.79 1.18 -0.05	52.23 0.96 -0.34	52.65 1.01 0.00	56.04 1.00 0.00	59.90 0.87 0.00	66.94 1.12 0.00	66.11 1.40 0.00	61.14 1.59 0.00	63.43 1.82 0.00	58.84 1.72 0.00	106.82 3.41 0.00	105.24 3.84 -0.24	91.26 3.75 -2.47	79.10 3.28 -1.66	69.42 2.54 -1.03	78.46 2.38 -0.24	59.24 1.88 -0.06
FIBERTEK___ENERGY 23856	51.17 -0.12 -0.09	43.01 -0.33 0.00	36.87 -0.41 -0.05	32.85 -0.46 0.00	34.16 -0.40 0.00	36.11 -0.37 0.00	50.02 -0.31 0.00	52.38 -0.29 -0.11	51.35 -0.35 -0.77	51.55 -0.09 0.00	55.24 0.20 0.00	59.17 0.13 0.00	66.01 0.19 0.00	65.21 0.49 0.00	60.22 0.66 0.00	62.39 0.77 0.00	57.71 0.60 0.00	104.33 0.91 0.00	102.81 1.11 -0.54	92.08 1.40 -5.65	79.02 1.06 -3.80	68.83 0.62 -2.36	76.58 0.19 -0.55	57.44 0.14 0.00
FITZPATRICK___ 23598	49.39 -1.30 0.50	42.08 -1.26 0.00	35.76 -1.18 0.29	32.22 -1.09 0.00	33.48 -1.09 0.00	35.37 -1.11 0.00	48.95 -1.38 0.00	50.50 -1.45 0.61	45.14 -1.46 4.33	50.35 -1.29 0.00	53.87 -1.18 0.00	57.68 -1.35 0.00	64.34 -1.48 0.00	63.42 -1.30 0.00	58.49 -1.07 0.00	60.56 -1.05 0.00	55.99 -1.12 0.00	101.19 -2.23 0.00	96.06 -2.05 3.04	51.86 -1.45 31.72	51.49 -1.31 21.35	51.24 -1.39 13.22	70.92 -1.84 3.08	55.94 -1.36 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	52.23 1.03 0.00	44.34 1.01 0.00	38.04 0.81 0.00	34.11 0.80 0.00	35.36 0.79 0.00	37.21 0.73 0.00	50.95 0.61 0.00	53.24 0.67 0.00	51.96 1.04 0.00	52.65 1.00 0.00	56.14 1.09 0.00	60.43 1.40 0.00	67.56 1.74 0.00	67.36 2.64 0.00	62.67 3.11 0.00	65.43 3.81 0.00	60.67 3.56 0.00	108.75 5.34 0.00	107.02 5.86 0.00	89.98 4.95 0.00	77.84 3.69 0.00	68.36 2.50 0.00	77.47 1.64 0.00	58.18 0.88 0.00
FORT ORANGE___ 23900	51.24 0.05 0.00	43.65 0.32 0.00	37.60 0.37 0.00	33.71 0.41 0.00	34.94 0.38 0.00	36.79 0.31 0.00	50.03 -0.30 0.00	51.93 -0.63 0.00	50.23 -0.70 0.00	50.64 -1.00 0.00	53.52 -1.53 0.00	57.45 -1.58 0.00	64.09 -1.72 0.00	63.77 -0.95 0.00	59.04 -0.52 0.00	61.25 -0.36 0.00	57.01 -0.10 0.00	103.64 0.22 0.00	101.45 0.29 0.00	85.38 0.34 0.00	74.23 0.07 0.00	65.60 -0.26 0.00	75.06 -0.78 0.00	56.34 -0.96 0.00
FORT_DRUM_COGEN 23780	53.15 1.60 -0.35	44.34 1.01 0.00	37.95 0.68 -0.04	33.89 0.58 0.00	35.30 0.74 0.00	37.90 1.42 0.00	53.26 2.93 0.00	56.05 3.41 -0.08	54.53 3.02 -0.58	54.65 3.01 0.00	58.14 3.09 0.00	61.71 2.67 0.00	68.60 2.78 0.00	66.73 2.02 0.00	61.23 1.68 0.00	63.56 1.94 0.00	59.01 1.90 0.00	107.91 4.50 0.00	107.79 6.23 -0.40	96.32 7.07 -4.22	84.16 7.17 -2.84	73.93 6.31 -1.76	84.19 7.94 -0.41	63.38 5.69 -0.39
FOX_HILLS___ESR 323835	51.95 0.75 0.00	44.41 1.07 0.00	38.08 0.85 0.00	34.15 0.84 0.00	35.30 0.74 0.00	37.19 0.71 0.00	50.71 0.38 0.00	52.64 0.07 0.00	51.74 0.80 0.00	52.28 0.63 0.11	55.71 0.77 0.00	59.97 0.94 0.00	66.93 1.11 0.00	66.86 2.14 0.00	62.17 2.62 0.00	64.95 3.33 0.00	60.74 3.62 0.00	109.61 6.19 0.00	106.32 5.15 -0.01	89.00 3.95 -0.01	76.96 2.80 -0.01	67.43 1.57 0.00	76.20 0.35 0.00	57.34 0.04 0.00
FPL_FAR_ROCK_GT1 24212	52.95 1.76 0.00	44.91 1.58 0.00	38.54 1.31 0.00	34.47 1.17 0.00	35.73 1.17 0.00	37.63 1.15 0.00	51.25 0.91 0.00	53.70 1.13 0.00	52.54 1.61 0.00	53.53 1.89 0.00	57.64 2.43 -0.17	61.65 2.61 0.00	69.29 3.25 -0.23	69.90 4.05 -1.13	63.79 3.99 -0.25	66.62 4.89 -0.12	62.23 5.12 0.00	112.15 8.74 0.00	108.81 7.65 0.00	90.92 5.89 0.00	78.44 4.29 0.00	68.87 3.01 0.00	77.53 1.69 0.00	58.56 1.25 0.00
FPL_FAR_ROCK_GT2 23815	52.95 1.76 0.00	44.91 1.58 0.00	38.54 1.31 0.00	34.47 1.17 0.00	35.73 1.17 0.00	37.63 1.15 0.00	51.25 0.91 0.00	53.70 1.13 0.00	52.54 1.61 0.00	53.53 1.89 0.00	57.64 2.43 -0.17	61.65 2.61 0.00	69.29 3.25 -0.23	69.90 4.05 -1.13	63.79 3.99 -0.25	66.62 4.89 -0.12	62.23 5.12 0.00	112.15 8.74 0.00	108.81 7.65 0.00	90.92 5.89 0.00	78.44 4.29 0.00	68.87 3.01 0.00	77.53 1.69 0.00	58.56 1.25 0.00
FRANKLIN_FALL_HYD 24054	52.70 1.16 -0.34	44.14 0.81 0.00	38.05 0.82 0.00	34.01 0.70 0.00	35.21 0.65 0.00	37.20 0.72 0.00	51.74 1.40 0.00	54.51 1.94 0.00	52.67 1.74 0.00	53.19 1.55 0.00	56.68 1.63 0.00	60.79 1.76 0.00	67.61 1.79 0.00	65.56 0.84 0.00	59.59 0.04 0.00	61.38 -0.23 0.00	56.71 -0.40 0.00	102.98 -0.43 0.00	101.35 0.19 0.00	85.64 0.61 0.00	75.28 1.13 0.00	67.00 1.15 0.00	77.95 2.11 0.00	59.77 2.01 -0.46

FREEPORT_EQUS_GT1 23764	52.34 1.14 0.00	44.42 1.09 0.00	38.12 0.89 0.00	34.11 0.80 0.00	35.34 0.78 0.00	37.20 0.72 0.00	50.61 0.28 0.00	53.04 0.48 0.00	51.90 0.97 0.00	52.84 1.19 0.00	56.72 1.51 -0.17	60.58 1.54 0.00	67.86 2.05 0.00	67.93 3.22 0.00	62.39 3.15 0.31	65.49 4.03 0.15	61.41 4.30 0.00	110.26 6.85 0.00	107.02 5.86 0.00	89.44 4.41 0.00	77.31 3.16 0.00	68.19 2.33 0.00	76.72 0.88 0.00	57.80 0.50 0.00
FREEPORT___CT2 23818	52.34 1.14 0.00	44.42 1.09 0.00	38.12 0.89 0.00	34.11 0.80 0.00	35.34 0.78 0.00	37.20 0.72 0.00	50.61 0.28 0.00	53.04 0.48 0.00	51.90 0.97 0.00	52.84 1.19 0.00	56.72 1.51 -0.17	60.58 1.54 0.00	67.86 2.05 0.00	67.93 3.22 0.00	62.39 3.15 0.31	65.49 4.03 0.15	61.41 4.30 0.00	110.26 6.85 0.00	107.02 5.86 0.00	89.44 4.41 0.00	77.31 3.16 0.00	68.19 2.33 0.00	76.72 0.88 0.00	57.80 0.50 0.00
FRESHKLS_33_KV_LOAD 356253	51.92 0.73 0.00	44.44 1.10 0.00	38.10 0.87 0.00	34.17 0.86 0.00	35.32 0.76 0.00	37.22 0.74 0.00	50.73 0.39 0.00	52.57 0.00 0.00	51.69 0.76 0.00	52.17 0.53 0.00	55.58 0.64 0.11	59.85 0.81 0.00	66.82 1.01 0.00	66.77 2.06 0.00	62.12 2.56 0.00	64.92 3.31 0.00	60.74 3.63 0.00	109.72 6.31 0.00	106.47 5.30 -0.01	89.15 4.10 -0.01	77.04 2.87 -0.01	67.45 1.60 0.00	76.18 0.34 0.00	57.35 0.05 0.00
FULTON COGEN____ 23766	50.76 -0.60 -0.16	42.66 -0.67 0.00	36.59 -0.73 -0.09	32.62 -0.68 0.00	33.89 -0.67 0.00	35.83 -0.65 0.00	49.63 -0.70 0.00	52.01 -0.75 -0.20	51.56 -0.78 -1.40	51.08 -0.56 0.00	54.66 -0.39 0.00	58.54 -0.49 0.00	65.34 -0.47 0.00	64.49 -0.23 0.00	59.57 0.01 0.00	61.70 0.09 0.00	57.14 0.03 0.00	103.30 -0.11 0.00	102.26 0.12 -0.99	95.78 0.46 -10.28	81.36 0.29 -6.92	70.08 -0.06 -4.28	76.34 -0.50 -1.00	56.87 -0.42 0.00
FULTON___LFGE 323630	53.95 2.76 0.00	45.48 2.15 0.00	38.93 1.71 0.00	34.78 1.47 0.00	36.11 1.55 0.00	38.19 1.71 0.00	52.90 2.56 0.00	54.61 2.05 0.00	51.91 0.98 0.00	52.26 0.62 0.00	55.70 0.65 0.00	59.69 0.65 0.00	66.71 0.89 0.00	65.74 1.03 0.00	60.60 1.05 0.00	62.88 1.27 0.00	58.36 1.25 0.00	106.62 3.20 0.00	106.39 5.23 0.00	91.28 6.24 0.00	79.79 5.63 0.00	70.48 4.62 0.00	80.62 4.78 0.00	60.80 3.50 0.00
G.F.CEMENT___DRP 24184	53.62 2.42 0.00	45.21 1.88 0.00	38.97 1.74 0.00	35.04 1.73 0.00	36.36 1.80 0.00	38.33 1.85 0.00	52.54 2.21 0.00	54.91 2.34 0.00	53.04 2.11 0.00	53.34 1.69 0.00	56.14 1.09 0.00	60.43 1.40 0.00	67.80 1.99 0.00	67.34 2.63 0.00	62.36 2.81 0.00	65.15 3.54 0.00	60.67 3.56 0.00	111.36 7.95 0.00	109.28 8.12 0.00	92.47 7.44 0.00	79.24 5.09 0.00	69.90 4.04 0.00	80.17 4.33 0.00	59.89 2.59 0.00
GARDENVILLE___LBMP 24039	53.85 2.65 0.00	43.99 0.65 0.00	37.25 0.02 0.00	33.05 -0.26 0.00	34.51 -0.05 0.00	36.62 0.14 0.00	51.84 1.51 0.00	54.26 1.69 0.00	52.76 1.83 0.00	55.04 3.40 0.00	59.77 4.73 0.00	71.41 4.66 -7.72	89.95 4.68 -19.46	92.70 4.62 -23.36	73.99 4.93 -9.50	68.24 4.79 -1.83	60.02 2.90 0.00	106.72 3.31 0.00	104.29 3.13 0.00	89.12 3.88 -0.20	77.61 3.46 0.00	68.09 2.23 0.00	78.83 2.99 0.00	61.04 3.74 0.00
GARDNVLA_35_KV_LD 355827	54.19 2.99 0.00	44.24 0.91 0.00	37.46 0.23 0.00	33.22 -0.09 0.00	34.66 0.10 0.00	36.77 0.29 0.00	52.09 1.76 0.00	54.52 1.95 0.00	53.06 2.13 0.00	55.39 3.75 0.00	60.20 5.16 0.00	72.09 5.18 -7.88	91.01 5.33 -19.86	93.84 5.28 -23.85	74.79 5.53 -9.70	68.91 5.42 -1.87	60.57 3.45 0.00	107.78 4.36 0.00	105.30 4.14 0.00	90.13 4.70 -0.40	78.28 4.13 0.00	68.61 2.76 0.00	79.38 3.54 0.00	61.44 4.14 0.00
GELCKHM___115KV_LOAD 80723	50.90 -0.36 -0.06	42.82 -0.51 0.00	36.69 -0.57 -0.03	32.73 -0.57 0.00	34.02 -0.54 0.00	35.96 -0.52 0.00	49.80 -0.54 0.00	52.10 -0.54 -0.07	50.86 -0.58 -0.51	51.31 -0.33 0.00	54.98 -0.06 0.00	58.92 -0.12 0.00	65.75 -0.06 0.00	64.95 0.23 0.00	59.98 0.43 0.00	62.13 0.52 0.00	57.45 0.34 0.00	103.80 0.39 0.00	102.09 0.57 -0.36	89.59 0.84 -3.71	77.25 0.60 -2.50	67.62 0.22 -1.55	76.02 -0.18 -0.36	57.15 -0.15 0.00
GENERAL___MILLS 23808	54.04 2.84 0.00	44.13 0.79 0.00	37.37 0.14 0.00	33.14 -0.16 0.00	34.59 0.03 0.00	36.70 0.22 0.00	51.98 1.64 0.00	54.41 1.84 0.00	52.92 1.99 0.00	55.22 3.58 0.00	59.99 4.94 0.00	71.80 4.93 -7.84	90.58 5.01 -19.75	93.39 4.96 -23.72	74.43 5.23 -9.65	68.56 5.09 -1.86	60.28 3.16 0.00	107.22 3.81 0.00	104.77 3.61 0.00	89.63 4.25 -0.35	77.93 3.78 0.00	68.34 2.49 0.00	79.11 3.27 0.00	61.25 3.94 0.00
GE_PLASTICS___DRP 24183	50.70 -0.50 0.00	43.21 -0.12 0.00	37.19 -0.04 0.00	33.35 0.04 0.00	34.57 0.01 0.00	36.41 -0.07 0.00	49.73 -0.60 0.00	51.80 -0.76 0.00	50.20 -0.73 0.00	50.68 -0.96 0.00	53.69 -1.35 0.00	57.67 -1.36 0.00	64.38 -1.44 0.00	63.95 -0.77 0.00	59.15 -0.40 0.00	61.31 -0.30 0.00	56.98 -0.13 0.00	103.37 -0.04 0.00	100.95 -0.21 0.00	84.82 -0.21 0.00	73.73 -0.42 0.00	65.25 -0.61 0.00	74.73 -1.11 0.00	56.14 -1.15 0.00
GILBOA___1 23756	51.49 0.29 0.00	44.23 0.90 0.00	37.99 0.77 0.00	34.03 0.73 0.00	35.31 0.74 0.00	37.20 0.72 0.00	50.95 0.62 0.00	52.85 0.28 0.00	51.16 0.23 0.00	51.62 -0.03 0.00	54.92 -0.12 0.00	59.00 -0.03 0.00	65.77 -0.05 0.00	65.29 0.57 0.00	60.20 0.65 0.00	62.23 0.62 0.00	57.86 0.75 0.00	104.64 1.23 0.00	101.91 0.75 0.00	85.73 0.70 0.00	74.82 0.66 0.00	66.42 0.56 0.00	75.99 0.15 0.00	57.16 -0.14 0.00
GILBOA___2 23757	51.49 0.29 0.00	44.23 0.90 0.00	37.99 0.77 0.00	34.03 0.73 0.00	35.31 0.74 0.00	37.20 0.72 0.00	50.95 0.62 0.00	52.85 0.28 0.00	51.16 0.23 0.00	51.62 -0.03 0.00	54.92 -0.12 0.00	59.00 -0.03 0.00	65.77 -0.05 0.00	65.29 0.57 0.00	60.20 0.65 0.00	62.23 0.62 0.00	57.86 0.75 0.00	104.64 1.23 0.00	101.91 0.75 0.00	85.73 0.70 0.00	74.82 0.66 0.00	66.42 0.56 0.00	75.99 0.15 0.00	57.16 -0.14 0.00
GILBOA___3 23758	51.49 0.29 0.00	44.23 0.90 0.00	37.99 0.77 0.00	34.03 0.73 0.00	35.31 0.74 0.00	37.20 0.72 0.00	50.95 0.62 0.00	52.85 0.28 0.00	51.16 0.23 0.00	51.62 -0.03 0.00	54.92 -0.12 0.00	59.00 -0.03 0.00	65.77 -0.05 0.00	65.29 0.57 0.00	60.20 0.65 0.00	62.23 0.62 0.00	57.86 0.75 0.00	104.64 1.23 0.00	101.91 0.75 0.00	85.73 0.70 0.00	74.82 0.66 0.00	66.42 0.56 0.00	75.99 0.15 0.00	57.16 -0.14 0.00
GILBOA___4 23759	51.49 0.29 0.00	44.23 0.90 0.00	37.99 0.77 0.00	34.03 0.73 0.00	35.31 0.74 0.00	37.20 0.72 0.00	50.95 0.62 0.00	52.85 0.28 0.00	51.16 0.23 0.00	51.62 -0.03 0.00	54.92 -0.12 0.00	59.00 -0.03 0.00	65.77 -0.05 0.00	65.29 0.57 0.00	60.20 0.65 0.00	62.23 0.62 0.00	57.86 0.75 0.00	104.64 1.23 0.00	101.91 0.75 0.00	85.73 0.70 0.00	74.82 0.66 0.00	66.42 0.56 0.00	75.99 0.15 0.00	57.16 -0.14 0.00

GILBOA____ 23599	51.49 0.29 0.00	44.23 0.90 0.00	37.99 0.77 0.00	34.03 0.73 0.00	35.31 0.74 0.00	37.20 0.72 0.00	50.95 0.62 0.00	52.85 0.28 0.00	51.16 0.22 0.00	51.62 -0.03 0.00	54.92 -0.12 0.00	59.00 -0.03 0.00	65.77 -0.04 0.00	65.29 0.57 0.00	60.20 0.65 0.00	62.23 0.62 0.00	57.86 0.75 0.00	104.63 1.22 0.00	101.91 0.75 0.00	85.73 0.70 0.00	74.82 0.67 0.00	66.42 0.56 0.00	75.99 0.15 0.00	57.16 -0.14 0.00
GINNA____ 23603	49.97 -0.39 0.83	42.11 -1.22 0.00	35.81 -1.42 0.00	31.87 -1.44 0.00	33.16 -1.40 0.00	35.17 -1.31 0.00	49.22 -1.12 0.00	51.54 -1.02 0.00	50.06 -0.86 0.00	51.71 0.07 0.00	55.90 0.86 0.00	42.91 0.99 17.11	23.79 1.11 43.13	14.18 1.25 51.79	39.91 1.43 21.07	58.90 1.35 4.06	57.34 0.23 0.00	102.79 -0.62 0.00	100.77 -0.39 0.00	85.44 0.41 0.00	74.45 0.30 0.00	65.54 -0.32 0.00	75.32 -0.52 0.00	57.40 0.10 0.00
GLEN PARK____ 23778	53.59 2.05 -0.34	44.70 1.36 0.00	38.24 0.97 -0.04	34.15 0.84 0.00	35.56 1.00 0.00	38.18 1.70 0.00	53.65 3.32 0.00	56.42 3.78 -0.08	54.86 3.32 -0.61	55.00 3.35 0.00	58.51 3.47 0.00	61.97 2.94 0.00	68.92 3.10 0.00	67.07 2.35 0.00	61.59 2.04 0.00	63.96 2.35 0.00	59.38 2.27 0.00	108.65 5.24 0.00	108.66 7.07 -0.43	97.44 7.97 -4.43	85.27 8.14 -2.99	74.85 7.15 -1.85	85.01 8.74 -0.43	63.90 6.23 -0.36
GLENDALE_27_KV_LOAD 356172	52.21 1.01 0.00	44.54 1.20 0.00	38.23 1.00 0.00	34.33 1.02 0.00	35.48 0.92 0.00	37.38 0.90 0.00	51.03 0.70 0.00	53.16 0.59 0.00	52.19 1.26 0.00	52.80 1.16 0.00	56.38 1.34 0.00	60.55 1.51 0.00	67.53 1.71 0.00	67.46 2.74 0.00	62.72 3.17 0.00	65.43 3.82 0.00	61.20 4.09 0.00	110.19 6.78 0.00	106.80 5.65 0.00	89.38 4.35 0.00	77.31 3.16 0.00	67.80 1.95 0.00	76.56 0.73 0.00	57.62 0.32 0.00
GLENWOOD_IC_1_G5 23712	52.32 1.12 0.00	44.41 1.08 0.00	38.14 0.91 0.00	34.17 0.86 0.00	35.41 0.85 0.00	37.27 0.79 0.00	50.85 0.52 0.00	53.22 0.66 0.00	52.03 1.10 0.00	52.58 0.94 0.00	56.90 1.69 -0.17	60.74 1.71 0.00	67.67 1.86 0.00	67.70 2.98 0.00	62.61 3.14 0.08	65.47 3.89 0.04	61.20 4.09 0.00	110.33 6.92 0.00	107.02 5.86 0.00	89.51 4.48 0.00	77.30 3.14 0.00	67.81 1.96 0.00	76.39 0.55 0.00	57.46 0.16 0.00
GLENWOOD_IC_2_G1 23688	52.13 0.94 0.00	44.29 0.95 0.00	38.03 0.80 0.00	34.09 0.78 0.00	35.32 0.75 0.00	37.18 0.70 0.00	50.76 0.42 0.00	53.08 0.52 0.00	51.90 0.96 0.00	52.64 1.00 0.00	56.54 1.33 -0.17	60.50 1.47 0.00	67.61 1.79 0.00	67.50 2.78 0.00	62.58 3.03 0.00	65.37 3.76 0.00	61.07 3.95 0.00	110.13 6.72 0.00	106.88 5.72 0.00	89.46 4.43 0.00	77.33 3.18 0.00	67.88 2.02 0.00	76.58 0.74 0.00	57.58 0.28 0.00
GLENWOOD_IC_3_G1 23689	52.13 0.94 0.00	44.29 0.95 0.00	38.03 0.80 0.00	34.09 0.78 0.00	35.32 0.75 0.00	37.18 0.70 0.00	50.76 0.42 0.00	53.08 0.52 0.00	51.90 0.96 0.00	52.64 1.00 0.00	56.54 1.33 -0.17	60.50 1.47 0.00	67.61 1.79 0.00	67.50 2.78 0.00	62.58 3.03 0.00	65.37 3.76 0.00	61.07 3.95 0.00	110.13 6.72 0.00	106.88 5.72 0.00	89.46 4.43 0.00	77.33 3.18 0.00	67.88 2.02 0.00	76.58 0.74 0.00	57.58 0.28 0.00
GLENWOOD____4 23550	52.32 1.12 0.00	44.41 1.08 0.00	38.14 0.91 0.00	34.17 0.86 0.00	35.41 0.85 0.00	37.27 0.79 0.00	50.85 0.52 0.00	53.22 0.66 0.00	52.05 1.12 0.00	52.70 1.06 0.00	56.90 1.69 -0.17	60.79 1.75 0.00	67.85 2.03 0.00	67.87 3.15 0.00	62.75 3.27 0.08	65.62 4.04 0.04	61.35 4.24 0.00	110.57 7.15 0.00	107.29 6.13 0.00	89.73 4.69 0.00	77.49 3.33 0.00	67.99 2.13 0.00	76.58 0.75 0.00	57.60 0.30 0.00
GLENWOOD____5 23614	52.32 1.12 0.00	44.41 1.08 0.00	38.14 0.91 0.00	34.17 0.86 0.00	35.41 0.85 0.00	37.27 0.79 0.00	50.85 0.52 0.00	53.22 0.66 0.00	52.05 1.12 0.00	52.70 1.06 0.00	56.90 1.69 -0.17	60.79 1.75 0.00	67.85 2.03 0.00	67.87 3.15 0.00	62.75 3.27 0.08	65.62 4.04 0.04	61.35 4.24 0.00	110.57 7.15 0.00	107.29 6.13 0.00	89.73 4.69 0.00	77.49 3.33 0.00	67.99 2.13 0.00	76.58 0.75 0.00	57.60 0.30 0.00
GLOBAL GREEN_PORT_GT1 23814	53.04 1.84 0.00	45.30 1.97 0.00	39.17 1.95 0.00	35.12 1.82 0.00	36.51 1.95 0.00	38.34 1.86 0.00	51.52 1.19 0.00	54.60 2.04 0.00	54.17 3.24 0.00	55.55 3.90 0.00	60.45 5.24 -0.17	84.62 5.39 -20.20	153.62 6.56 -81.24	177.53 6.24 -106.57	270.34 5.63 -205.16	184.94 6.71 -116.61	247.59 6.92 -183.56	258.45 11.35 -143.68	232.42 10.11 -121.15	229.15 7.85 -136.28	80.37 6.22 0.00	71.20 5.35 0.00	79.72 3.88 0.00	60.32 3.02 0.00
GLOBE____DSASP 323697	52.92 1.73 0.00	43.11 -0.22 0.00	36.49 -0.73 0.00	32.36 -0.95 0.00	33.76 -0.80 0.00	35.86 -0.62 0.00	50.76 0.43 0.00	53.10 0.54 0.00	51.63 0.70 0.00	53.95 2.30 0.00	58.55 3.50 0.00	70.45 3.15 -8.26	89.11 2.47 -20.83	92.20 2.48 -25.01	72.50 2.77 -10.17	66.20 2.63 -1.96	57.72 0.61 0.00	101.80 -1.61 0.00	99.35 -1.81 0.00	83.42 -0.13 1.48	74.31 0.16 0.00	65.36 -0.50 0.00	76.50 0.66 0.00	59.56 2.26 0.00
GOETHSLN____LBMP 323567	51.72 0.53 0.00	44.02 0.69 0.00	37.85 0.63 0.00	33.95 0.64 0.00	35.18 0.62 0.00	37.03 0.55 0.00	50.59 0.25 0.00	52.75 0.19 0.00	51.66 0.73 0.00	52.32 0.68 0.00	55.69 0.76 0.11	60.08 1.04 0.00	67.01 1.20 0.00	66.84 2.12 0.00	62.20 2.64 0.00	64.92 3.31 0.00	60.65 3.53 0.00	109.42 6.01 0.00	106.10 4.94 0.00	88.83 3.80 0.00	76.88 2.73 0.00	67.33 1.48 0.00	76.00 0.16 0.00	57.09 -0.21 0.00
GOLAH____69_KV_TB 1_2 80279	54.20 3.01 0.00	44.64 1.31 0.00	37.84 0.61 0.00	33.62 0.31 0.00	35.02 0.46 0.00	37.18 0.70 0.00	52.26 1.92 0.00	54.75 2.18 0.00	53.06 2.13 0.00	55.02 3.38 0.00	59.44 4.39 0.00	83.83 4.61 -20.18	121.63 4.94 -50.86	130.75 4.95 -61.08	89.55 5.14 -24.85	71.53 5.12 -4.79	60.37 3.26 0.00	107.85 4.44 0.00	105.79 4.63 0.00	90.15 5.12 0.00	78.67 4.53 0.00	69.29 3.43 0.00	79.77 3.94 0.00	61.35 4.04 -0.01
GOODYEAR_LAKE_HYD 323669	52.55 1.36 0.00	44.59 1.26 0.00	38.20 0.97 0.00	34.16 0.85 0.00	35.48 0.92 0.00	37.48 1.00 0.00	51.87 1.54 0.00	54.08 1.51 0.00	52.40 1.47 0.00	53.20 1.55 0.00	57.07 2.02 0.00	61.29 2.25 0.00	68.40 2.58 0.00	67.60 2.89 0.00	62.37 2.82 0.00	64.64 3.03 0.00	59.98 2.88 0.00	108.36 4.95 0.00	106.07 4.90 0.00	89.49 4.46 0.00	77.96 3.80 0.00	68.90 3.04 0.00	78.58 2.74 0.00	59.23 1.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.67 0.44 -0.04	43.52 0.19 0.00	37.31 0.06 -0.02	33.25 -0.05 0.00	34.62 0.06 0.00	36.54 0.07 0.00	50.74 0.40 0.00	53.01 0.40 -0.04	51.56 0.33 -0.30	52.25 0.61 0.00	56.07 1.03 0.00	59.98 0.94 0.00	67.03 1.21 0.00	66.26 1.54 0.00	61.43 1.87 0.00	63.66 2.05 0.00	58.97 1.86 0.00	106.11 2.69 0.00	104.10 2.72 -0.21	90.12 2.85 -2.23	77.79 2.13 -1.51	68.36 1.57 -0.93	77.16 1.10 -0.22	58.17 0.88 0.00

GOUDEY___7 23579	51.67 0.44 -0.04	43.52 0.19 0.00	37.31 0.06 -0.02	33.25 -0.05 0.00	34.62 0.06 0.00	36.54 0.07 0.00	50.74 0.40 0.00	53.01 0.40 -0.04	51.56 0.33 -0.30	52.25 0.61 0.00	56.07 1.03 0.00	59.98 0.94 0.00	67.03 1.21 0.00	66.26 1.54 0.00	61.43 1.87 0.00	63.66 2.05 0.00	58.97 1.86 0.00	106.11 2.69 0.00	104.10 2.72 -0.21	90.12 2.85 -2.23	77.79 2.13 -1.51	68.36 1.57 -0.93	77.16 1.10 -0.22	58.17 0.88 0.00
GOUDEY___8 23580	51.67 0.44 -0.04	43.52 0.19 0.00	37.31 0.06 -0.02	33.25 -0.05 0.00	34.62 0.06 0.00	36.54 0.07 0.00	50.74 0.40 0.00	53.01 0.40 -0.04	51.56 0.33 -0.30	52.25 0.61 0.00	56.07 1.03 0.00	59.98 0.94 0.00	67.03 1.21 0.00	66.26 1.54 0.00	61.43 1.87 0.00	63.66 2.05 0.00	58.97 1.86 0.00	106.11 2.69 0.00	104.10 2.72 -0.21	90.12 2.85 -2.23	77.79 2.13 -1.51	68.36 1.57 -0.93	77.16 1.10 -0.22	58.17 0.88 0.00
GOWANUS_GT1_1 24077	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT1_2 24078	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT1_3 24079	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT1_4 24080	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT1_5 24084	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT1_6 24111	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT1_7 24112	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT1_8 24113	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT2_1 24114	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.98 3.87 0.00	109.95 6.54 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT2_2 24115	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.98 3.87 0.00	109.95 6.54 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT2_3 24116	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.98 3.87 0.00	109.95 6.54 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT2_4 24117	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.98 3.87 0.00	109.95 6.54 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT2_5 24118	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.98 3.87 0.00	109.95 6.54 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00

GOWANUS_GT2_6 24119	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.98 3.87 0.00	109.95 6.54 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT2_7 24120	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.98 3.87 0.00	109.95 6.54 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT2_8 24121	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.98 3.87 0.00	109.95 6.54 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT3_1 24122	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT3_2 24123	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT3_3 24124	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT3_4 24125	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT3_5 24126	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT3_6 24127	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT3_7 24128	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT3_8 24129	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
GOWANUS_GT4_1 24130	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.98 3.87 0.00	109.94 6.53 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT4_2 24131	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.98 3.87 0.00	109.94 6.53 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT4_3 24132	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.98 3.87 0.00	109.94 6.53 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT4_4 24133	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.98 3.87 0.00	109.94 6.53 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00

GOWANUS_GT4_5 24134	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.98 3.87 0.00	109.94 6.53 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT4_6 24135	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.98 3.87 0.00	109.94 6.53 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT4_7 24136	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.98 3.87 0.00	109.94 6.53 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GOWANUS_GT4_8 24137	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.98 3.87 0.00	109.94 6.53 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GREATVR_69_KV_BK1 356245	52.97 1.78 0.00	44.89 1.55 0.00	38.58 1.35 0.00	34.49 1.18 0.00	35.73 1.17 0.00	37.64 1.16 0.00	50.99 0.66 0.00	53.59 1.02 0.00	52.48 1.55 0.00	53.61 1.96 0.00	58.03 2.82 -0.17	72.48 2.76 -10.68	117.83 3.45 -48.57	133.22 4.99 -63.51	186.79 4.41 -122.82	136.76 5.33 -69.82	172.47 5.42 -109.94	198.52 9.04 -86.06	181.79 8.07 -72.57	172.94 6.28 -81.62	78.66 4.51 0.00	69.09 3.23 0.00	77.40 1.56 0.00	58.43 1.14 0.00
GREENBSH_115KV_TB3 55895	50.93 -0.27 0.00	43.40 0.07 0.00	37.40 0.17 0.00	33.55 0.24 0.00	34.78 0.22 0.00	36.61 0.13 0.00	49.91 -0.43 0.00	51.98 -0.59 0.00	50.37 -0.56 0.00	50.86 -0.78 0.00	53.76 -1.28 0.00	57.72 -1.32 0.00	64.44 -1.38 0.00	64.09 -0.63 0.00	59.33 -0.23 0.00	61.57 -0.04 0.00	57.29 0.18 0.00	103.94 0.53 0.00	101.51 0.35 0.00	85.26 0.23 0.00	74.06 -0.09 0.00	65.51 -0.34 0.00	75.00 -0.83 0.00	56.26 -1.03 0.00
GREENDGE_115KV_TB5 80291	52.44 1.21 -0.03	43.78 0.45 0.00	37.54 0.29 -0.02	33.35 0.04 0.00	34.80 0.24 0.00	36.84 0.36 0.00	51.24 0.91 0.00	53.58 0.98 -0.04	51.99 0.80 -0.26	53.00 1.36 0.00	57.09 2.04 0.00	61.02 1.98 0.00	68.12 2.30 0.00	67.30 2.58 0.00	62.50 2.94 0.00	64.72 3.11 0.00	59.60 2.49 0.00	106.94 3.53 0.00	104.54 3.20 -0.18	90.96 4.02 -1.90	79.44 4.01 -1.28	69.77 3.13 -0.79	78.68 2.66 -0.18	59.76 2.46 0.00
GREENIDGE___3 23582	52.44 1.21 -0.03	43.78 0.45 0.00	37.54 0.29 -0.02	33.35 0.04 0.00	34.80 0.24 0.00	36.84 0.36 0.00	51.24 0.91 0.00	53.58 0.98 -0.04	51.99 0.80 -0.26	53.00 1.36 0.00	57.09 2.04 0.00	61.02 1.98 0.00	68.12 2.30 0.00	67.30 2.58 0.00	62.50 2.94 0.00	64.72 3.11 0.00	59.60 2.49 0.00	106.94 3.53 0.00	104.54 3.20 -0.18	90.96 4.02 -1.90	79.44 4.01 -1.28	69.77 3.13 -0.79	78.68 2.66 -0.18	59.76 2.46 0.00
GREENIDGE___4 23583	53.51 1.21 -1.11	43.78 0.45 0.00	37.53 0.28 -0.02	33.35 0.04 0.00	34.80 0.24 0.00	36.84 0.36 0.00	51.24 0.91 0.00	53.58 0.98 -0.04	51.99 0.81 -0.26	53.00 1.36 0.00	57.08 2.04 0.00	61.02 1.98 0.00	68.14 2.32 0.00	67.33 2.61 0.00	62.50 2.94 0.00	64.72 3.11 0.00	59.60 2.49 0.00	106.94 3.53 0.00	104.55 3.21 -0.18	90.96 4.02 -1.90	79.44 4.01 -1.28	69.77 3.12 -0.79	78.69 2.67 -0.18	59.77 2.47 0.00
GREENLWN_69_KV_BK 3 55738	51.65 0.45 0.00	43.86 0.52 0.00	37.68 0.45 0.00	33.72 0.41 0.00	34.93 0.37 0.00	36.78 0.30 0.00	49.92 -0.41 0.00	52.27 -0.29 0.00	51.05 0.12 0.00	52.00 0.36 0.00	56.11 0.90 -0.17	61.99 0.37 -2.58	48.86 1.09 18.04	42.86 2.82 24.68	16.03 2.12 45.64	38.52 2.83 25.92	19.77 3.31 40.65	76.72 5.13 31.82	78.57 4.24 26.83	57.94 3.09 30.18	75.69 1.54 0.00	66.48 0.62 0.00	74.59 -1.25 0.00	56.22 -1.08 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00
GRISSOM___SOLAR 323813	53.84 2.64 0.00	45.43 2.10 0.00	38.92 1.69 0.00	34.77 1.46 0.00	36.10 1.54 0.00	38.17 1.69 0.00	52.76 2.42 0.00	54.37 1.81 0.00	51.55 0.62 0.00	51.78 0.13 0.00	55.12 0.07 0.00	59.01 -0.03 0.00	66.03 0.22 0.00	65.11 0.39 0.00	60.07 0.52 0.00	62.39 0.78 0.00	57.97 0.85 0.00	106.03 2.61 0.00	105.93 4.77 0.00	90.99 5.96 0.00	79.54 5.39 0.00	70.28 4.43 0.00	80.37 4.53 0.00	60.54 3.24 0.00
GROVEVILLE___HYD 323602	52.23 1.03 0.00	44.34 1.01 0.00	38.04 0.81 0.00	34.11 0.80 0.00	35.36 0.79 0.00	37.21 0.73 0.00	50.95 0.61 0.00	53.24 0.67 0.00	51.96 1.04 0.00	52.65 1.00 0.00	56.14 1.09 0.00	60.43 1.40 0.00	67.56 1.74 0.00	67.36 2.64 0.00	62.67 3.11 0.00	65.43 3.81 0.00	60.67 3.56 0.00	108.75 5.34 0.00	107.02 5.86 0.00	89.98 4.95 0.00	77.84 3.69 0.00	68.36 2.50 0.00	77.47 1.64 0.00	58.18 0.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.17 -0.12 -0.09	43.01 -0.33 0.00	36.87 -0.41 -0.05	32.85 -0.46 0.00	34.16 -0.40 0.00	36.11 -0.37 0.00	50.02 -0.31 0.00	52.38 -0.29 -0.11	51.35 -0.35 -0.77	51.55 -0.09 0.00	55.24 0.20 0.00	59.17 0.13 0.00	66.01 0.19 0.00	65.21 0.49 0.00	60.22 0.66 0.00	62.39 0.77 0.00	57.71 0.60 0.00	104.33 0.91 0.00	102.81 1.11 -0.54	92.08 1.40 -5.65	79.02 1.06 -3.80	68.83 0.62 -2.36	76.58 0.19 -0.55	57.44 0.14 0.00
HAMLTNNY_34_KV_TB 80303	52.12 0.84 -0.09	43.66 0.33 0.00	37.32 0.04 -0.05	33.24 -0.06 0.00	34.56 0.00 0.00	36.57 0.09 0.00	50.75 0.42 0.00	53.17 0.51 -0.10	52.21 0.54 -0.74	52.48 0.84 0.00	56.36 1.32 0.00	60.41 1.38 0.00	67.50 1.68 0.00	66.64 1.93 0.00	61.50 1.95 0.00	63.71 2.09 0.00	58.70 1.59 0.00	105.75 2.33 0.00	104.23 2.55 -0.52	93.25 2.81 -5.40	80.18 2.40 -3.64	69.87 1.76 -2.25	77.87 1.51 -0.52	58.53 1.23 0.00

HAMPSHIRE___PAPER_HYD 323593	53.23 1.28 -0.75	44.14 0.81 0.00	37.96 0.72 -0.02	33.93 0.62 0.00	35.20 0.64 0.00	37.49 1.01 0.00	52.41 2.07 0.00	55.02 2.42 -0.03	53.19 2.02 -0.24	53.21 1.57 0.00	56.58 1.53 0.00	60.39 1.35 0.00	67.09 1.28 0.00	64.81 0.09 0.00	59.02 -0.54 0.00	60.97 -0.64 0.00	56.53 -0.58 0.00	103.00 -0.41 0.00	102.13 0.81 -0.17	88.47 1.69 -1.75	77.58 2.25 -1.18	68.81 2.22 -0.73	79.89 3.88 -0.17	61.47 3.19 -0.98
HARDSCRABBLE_WT_PWR 323673	52.04 0.85 0.00	44.30 0.97 0.00	38.08 0.85 0.00	34.15 0.84 0.00	35.43 0.87 0.00	37.37 0.89 0.00	51.12 0.79 0.00	52.88 0.32 0.00	50.63 -0.30 0.00	50.83 -0.81 0.00	53.83 -1.21 0.00	57.89 -1.15 0.00	64.93 -0.89 0.00	64.75 0.04 0.00	60.15 0.59 0.00	62.69 1.08 0.00	58.53 1.42 0.00	106.93 3.52 0.00	105.44 4.29 0.00	89.46 4.43 0.00	77.64 3.49 0.00	68.42 2.57 0.00	77.93 2.09 0.00	58.08 0.78 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.23 1.03 0.00	44.32 0.99 0.00	38.02 0.79 0.00	34.05 0.75 0.00	35.31 0.75 0.00	37.18 0.70 0.00	50.95 0.61 0.00	53.30 0.74 0.00	52.03 1.10 0.00	52.77 1.13 0.00	56.37 1.33 0.00	60.72 1.68 0.00	67.80 1.99 0.00	67.58 2.87 0.00	62.85 3.29 0.00	65.64 4.03 0.00	61.31 4.20 0.00	110.79 7.37 0.00	107.74 6.58 0.00	90.26 5.23 0.00	78.03 3.88 0.00	68.52 2.66 0.00	77.52 1.69 0.00	58.18 0.89 0.00
HARSNRAD_115KV_TB1 81005	53.33 2.14 0.00	43.49 0.16 0.00	36.79 -0.44 0.00	32.63 -0.68 0.00	34.06 -0.51 0.00	36.16 -0.32 0.00	51.19 0.86 0.00	53.46 0.89 0.00	51.92 0.99 0.00	54.24 2.59 0.00	58.82 3.78 0.00	73.05 3.59 -10.42	95.37 3.28 -26.27	99.52 3.25 -31.54	75.98 3.59 -12.83	67.37 3.28 -2.48	58.27 1.15 0.00	103.51 0.09 0.00	101.12 -0.04 0.00	86.77 1.35 -0.38	75.71 1.56 0.00	66.46 0.60 0.00	77.28 1.44 0.00	60.32 3.02 0.00
HARZA MOOSE___RIVER 24016	52.39 0.96 -0.22	43.95 0.61 0.00	37.67 0.43 -0.01	33.71 0.41 0.00	35.06 0.50 0.00	37.36 0.88 0.00	52.12 1.78 0.00	54.67 2.08 -0.03	53.00 1.86 -0.21	53.39 1.75 0.00	56.76 1.72 0.00	60.59 1.56 0.00	67.55 1.74 0.00	66.24 1.52 0.00	60.92 1.36 0.00	63.20 1.59 0.00	58.70 1.59 0.00	107.09 3.67 0.00	105.87 4.57 -0.15	91.23 4.68 -1.52	79.61 4.43 -1.02	70.27 3.79 -0.63	80.48 4.50 -0.15	60.89 3.32 -0.27
HDSNBRDG_115KV_BRDG_TB1 355580	50.97 -0.28 -0.05	42.88 -0.45 0.00	36.72 -0.53 -0.03	32.78 -0.52 0.00	34.06 -0.50 0.00	36.00 -0.48 0.00	49.90 -0.44 0.00	52.15 -0.47 -0.06	50.85 -0.50 -0.42	51.42 -0.22 0.00	55.11 0.07 0.00	59.08 0.05 0.00	65.98 0.16 0.00	65.14 0.42 0.00	60.22 0.66 0.00	62.39 0.78 0.00	57.69 0.58 0.00	104.22 0.80 0.00	102.35 0.89 -0.30	89.22 1.09 -3.10	77.04 0.81 -2.09	67.52 0.37 -1.29	76.11 -0.02 -0.30	57.27 -0.03 0.00
HELLGATE_13_KV_LD 55870	52.31 1.11 0.00	44.63 1.30 0.00	38.32 1.10 0.00	34.41 1.10 0.00	35.55 0.99 0.00	37.45 0.98 0.00	51.13 0.79 0.00	53.29 0.72 0.00	52.32 1.39 0.00	52.91 1.27 0.00	56.53 1.48 0.00	60.73 1.70 0.00	67.74 1.92 0.00	67.67 2.96 0.00	62.90 3.35 0.00	65.62 4.00 0.00	61.37 4.26 0.00	110.53 7.11 0.00	107.08 5.92 0.00	89.65 4.62 0.00	77.52 3.37 0.00	67.96 2.11 0.00	76.76 0.92 0.00	57.77 0.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.31 1.11 0.00	44.63 1.30 0.00	38.32 1.10 0.00	34.41 1.10 0.00	35.55 0.99 0.00	37.45 0.98 0.00	51.13 0.79 0.00	53.29 0.72 0.00	52.32 1.39 0.00	52.91 1.27 0.00	56.53 1.48 0.00	60.73 1.70 0.00	67.74 1.92 0.00	67.67 2.96 0.00	62.90 3.35 0.00	65.62 4.00 0.00	61.37 4.26 0.00	110.53 7.11 0.00	107.08 5.92 0.00	89.65 4.62 0.00	77.52 3.37 0.00	67.96 2.11 0.00	76.76 0.92 0.00	57.77 0.47 0.00
HEMPSTEAD___ 23647	51.95 0.75 0.00	44.11 0.77 0.00	37.87 0.64 0.00	33.90 0.60 0.00	35.13 0.57 0.00	36.99 0.51 0.00	50.37 0.04 0.00	52.76 0.19 0.00	51.61 0.68 0.00	52.43 0.78 0.00	56.48 1.27 -0.17	60.29 1.26 0.00	67.45 1.64 0.00	67.51 2.80 0.00	62.24 2.83 0.14	65.19 3.64 0.06	61.00 3.89 0.00	109.83 6.41 0.00	106.56 5.40 0.00	89.09 4.06 0.00	76.91 2.76 0.00	67.57 1.72 0.00	76.04 0.20 0.00	57.25 -0.05 0.00
HICKLING___1 23621	52.20 0.97 -0.03	43.57 0.24 0.00	37.24 0.00 -0.02	33.04 -0.26 0.00	34.55 -0.02 0.00	36.50 0.02 0.00	51.15 0.81 0.00	53.44 0.84 -0.04	51.89 0.71 -0.25	53.02 1.38 0.00	57.21 2.17 0.00	63.40 2.04 -2.33	74.14 2.45 -5.88	74.52 2.75 -7.05	65.64 3.22 -2.87	65.57 3.40 -0.55	60.03 2.92 0.00	107.46 4.05 0.00	105.61 4.28 -0.18	91.49 4.59 -1.87	79.02 3.61 -1.26	69.39 2.75 -0.78	78.34 2.32 -0.18	59.45 2.15 0.00
HICKLING___2 23622	52.20 0.97 -0.03	43.57 0.24 0.00	37.24 0.00 -0.02	33.04 -0.26 0.00	34.55 -0.02 0.00	36.50 0.02 0.00	51.15 0.81 0.00	53.44 0.84 -0.04	51.89 0.71 -0.25	53.02 1.38 0.00	57.21 2.17 0.00	63.40 2.04 -2.33	74.14 2.45 -5.88	74.52 2.75 -7.05	65.64 3.22 -2.87	65.57 3.40 -0.55	60.03 2.92 0.00	107.46 4.05 0.00	105.61 4.28 -0.18	91.49 4.59 -1.87	79.02 3.61 -1.26	69.39 2.75 -0.78	78.34 2.32 -0.18	59.45 2.15 0.00
HIGH FALLS___HY 23754	52.55 1.35 0.00	44.58 1.25 0.00	38.19 0.96 0.00	34.21 0.90 0.00	35.46 0.90 0.00	37.34 0.86 0.00	51.23 0.90 0.00	53.58 1.02 0.00	52.30 1.37 0.00	52.94 1.30 0.00	56.49 1.45 0.00	60.75 1.72 0.00	67.80 1.98 0.00	67.30 2.58 0.00	62.65 3.09 0.00	65.50 3.89 0.00	61.24 4.13 0.00	110.70 7.29 0.00	108.18 7.02 0.00	90.84 5.80 0.00	78.59 4.44 0.00	69.27 3.42 0.00	78.25 2.42 0.00	58.67 1.37 0.00
HIGH_RIVER___SOLAR 323847	52.76 1.57 0.00	44.67 1.34 0.00	38.31 1.08 0.00	34.28 0.98 0.00	35.58 1.02 0.00	37.55 1.07 0.00	51.74 1.40 0.00	53.66 1.10 0.00	51.36 0.43 0.00	51.54 -0.10 0.00	54.64 -0.41 0.00	58.67 -0.37 0.00	65.53 -0.28 0.00	64.83 0.11 0.00	59.88 0.32 0.00	62.11 0.50 0.00	57.86 0.75 0.00	105.83 2.42 0.00	104.66 3.50 0.00	88.95 3.92 0.00	77.53 3.38 0.00	68.55 2.70 0.00	78.45 2.61 0.00	59.05 1.75 0.00
HILLBURN___GT 23639	51.91 0.71 0.00	44.07 0.74 0.00	37.82 0.59 0.00	33.88 0.57 0.00	35.14 0.58 0.00	37.00 0.51 0.00	50.67 0.34 0.00	53.03 0.46 0.00	51.79 0.86 0.00	52.50 0.86 0.00	56.05 1.00 0.00	60.30 1.27 0.00	67.28 1.46 0.00	67.07 2.36 0.00	62.38 2.83 0.00	65.13 3.51 0.00	60.86 3.75 0.00	109.89 6.48 0.00	106.72 5.57 0.00	89.37 4.34 0.00	77.33 3.18 0.00	67.90 2.05 0.00	76.77 0.93 0.00	57.66 0.35 0.00
HILLSIDE_115KV_TB1 80332	51.21 -0.01 -0.03	42.89 -0.44 0.00	36.74 -0.50 -0.02	32.63 -0.68 0.00	34.09 -0.47 0.00	35.96 -0.52 0.00	50.27 -0.07 0.00	52.54 -0.06 -0.04	51.02 -0.17 -0.26	51.99 0.35 0.00	56.07 1.02 0.00	61.91 0.75 -2.12	72.23 1.07 -5.35	72.48 1.34 -6.42	64.07 1.90 -2.61	64.20 2.08 -0.50	58.91 1.80 0.00	105.37 1.96 0.00	103.39 2.05 -0.19	89.60 2.63 -1.94	77.22 1.76 -1.30	67.89 1.23 -0.81	76.55 0.52 -0.19	57.99 0.69 0.00

HISHELDN_WT_PWR 323625	52.02 2.04 1.22	43.60 0.27 0.00	36.91 -0.32 0.00	32.73 -0.57 0.00	34.21 -0.35 0.00	36.26 -0.22 0.00	51.30 0.97 0.00	53.63 1.07 0.00	52.05 1.12 0.00	54.10 2.46 0.00	58.63 3.58 0.00	69.44 3.39 -7.01	86.85 3.36 -17.67	89.28 3.34 -21.22	71.99 3.80 -8.63	66.98 3.70 -1.67	59.18 2.07 0.00	105.48 2.06 0.00	103.45 2.30 0.00	88.39 3.23 -0.13	77.13 2.98 0.00	67.81 1.95 0.00	78.32 2.48 0.00	60.55 3.25 0.00
HOLTSVILLE_IC_1 23690	52.06 0.86 0.00	44.21 0.87 0.00	38.07 0.84 0.00	34.03 0.73 0.00	35.28 0.72 0.00	37.13 0.65 0.00	50.15 -0.18 0.00	52.68 0.12 0.00	51.59 0.66 0.00	52.64 1.00 0.00	56.96 1.75 -0.17	81.71 1.54 -21.14	147.45 2.04 -79.60	172.50 3.41 -104.37	263.49 2.99 -200.95	179.64 3.81 -114.22	240.95 4.03 -179.80	250.63 6.48 -140.74	225.44 5.61 -118.67	222.81 4.30 -133.49	76.83 2.67 0.00	67.56 1.71 0.00	75.62 -0.21 0.00	57.24 -0.06 0.00
HOLTSVILLE_IC_10 23699	52.38 1.18 0.00	44.44 1.10 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.46 0.90 0.00	37.31 0.83 0.00	50.39 0.05 0.00	52.95 0.39 0.00	51.89 0.96 0.00	52.99 1.35 0.00	57.39 2.18 -0.17	78.03 2.05 -16.95	154.23 2.68 -85.73	181.42 4.07 -112.63	279.79 3.51 -216.73	189.14 4.33 -123.19	255.52 4.51 -193.90	262.61 7.41 -151.78	235.65 6.51 -127.98	234.09 5.10 -143.96	77.48 3.33 0.00	68.11 2.26 0.00	76.15 0.31 0.00	57.65 0.35 0.00
HOLTSVILLE_IC_2 23691	52.06 0.86 0.00	44.21 0.87 0.00	38.07 0.84 0.00	34.03 0.73 0.00	35.28 0.72 0.00	37.13 0.65 0.00	50.15 -0.18 0.00	52.68 0.12 0.00	51.59 0.66 0.00	52.64 1.00 0.00	56.96 1.75 -0.17	81.71 1.54 -21.14	147.45 2.04 -79.60	172.50 3.41 -104.37	263.49 2.99 -200.95	179.64 3.81 -114.22	240.95 4.03 -179.80	250.63 6.48 -140.74	225.44 5.61 -118.67	222.81 4.30 -133.49	76.83 2.67 0.00	67.56 1.71 0.00	75.62 -0.21 0.00	57.24 -0.06 0.00
HOLTSVILLE_IC_3 23692	52.06 0.86 0.00	44.21 0.87 0.00	38.07 0.84 0.00	34.03 0.73 0.00	35.28 0.72 0.00	37.13 0.65 0.00	50.15 -0.18 0.00	52.68 0.12 0.00	51.59 0.66 0.00	52.64 1.00 0.00	56.96 1.75 -0.17	81.71 1.54 -21.14	147.45 2.04 -79.60	172.50 3.41 -104.37	263.49 2.99 -200.95	179.64 3.81 -114.22	240.95 4.03 -179.80	250.63 6.48 -140.74	225.44 5.61 -118.67	222.81 4.30 -133.49	76.83 2.67 0.00	67.56 1.71 0.00	75.62 -0.21 0.00	57.24 -0.06 0.00
HOLTSVILLE_IC_4 23693	52.06 0.86 0.00	44.21 0.87 0.00	38.07 0.84 0.00	34.03 0.73 0.00	35.28 0.72 0.00	37.13 0.65 0.00	50.15 -0.18 0.00	52.68 0.12 0.00	51.59 0.66 0.00	52.64 1.00 0.00	56.96 1.75 -0.17	81.71 1.54 -21.14	147.45 2.04 -79.60	172.50 3.41 -104.37	263.49 2.99 -200.95	179.64 3.81 -114.22	240.95 4.03 -179.80	250.63 6.48 -140.74	225.44 5.61 -118.67	222.81 4.30 -133.49	76.83 2.67 0.00	67.56 1.71 0.00	75.62 -0.21 0.00	57.24 -0.06 0.00
HOLTSVILLE_IC_5 23694	52.06 0.86 0.00	44.21 0.87 0.00	38.07 0.84 0.00	34.03 0.73 0.00	35.28 0.72 0.00	37.13 0.65 0.00	50.15 -0.18 0.00	52.68 0.12 0.00	51.59 0.66 0.00	52.64 1.00 0.00	56.96 1.75 -0.17	81.71 1.54 -21.14	147.45 2.04 -79.60	172.50 3.41 -104.37	263.49 2.99 -200.95	179.64 3.81 -114.22	240.95 4.03 -179.80	250.63 6.48 -140.74	225.44 5.61 -118.67	222.81 4.30 -133.49	76.83 2.67 0.00	67.56 1.71 0.00	75.62 -0.21 0.00	57.24 -0.06 0.00
HOLTSVILLE_IC_6 23695	52.38 1.18 0.00	44.44 1.10 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.46 0.90 0.00	37.31 0.83 0.00	50.39 0.05 0.00	52.95 0.39 0.00	51.89 0.96 0.00	52.99 1.35 0.00	57.39 2.18 -0.17	78.03 2.05 -16.95	154.23 2.68 -85.73	181.42 4.07 -112.63	279.79 3.51 -216.73	189.14 4.33 -123.19	255.52 4.51 -193.90	262.61 7.41 -151.78	235.65 6.51 -127.98	234.09 5.10 -143.96	77.48 3.33 0.00	68.11 2.26 0.00	76.15 0.31 0.00	57.65 0.35 0.00
HOLTSVILLE_IC_7 23696	52.38 1.18 0.00	44.44 1.10 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.46 0.90 0.00	37.31 0.83 0.00	50.39 0.05 0.00	52.95 0.39 0.00	51.89 0.96 0.00	52.99 1.35 0.00	57.39 2.18 -0.17	78.03 2.05 -16.95	154.23 2.68 -85.73	181.42 4.07 -112.63	279.79 3.51 -216.73	189.14 4.33 -123.19	255.52 4.51 -193.90	262.61 7.41 -151.78	235.65 6.51 -127.98	234.09 5.10 -143.96	77.48 3.33 0.00	68.11 2.26 0.00	76.15 0.31 0.00	57.65 0.35 0.00
HOLTSVILLE_IC_8 23697	52.38 1.18 0.00	44.44 1.10 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.46 0.90 0.00	37.31 0.83 0.00	50.39 0.05 0.00	52.95 0.39 0.00	51.89 0.96 0.00	52.99 1.35 0.00	57.39 2.18 -0.17	78.03 2.05 -16.95	154.23 2.68 -85.73	181.42 4.07 -112.63	279.79 3.51 -216.73	189.14 4.33 -123.19	255.52 4.51 -193.90	262.61 7.41 -151.78	235.65 6.51 -127.98	234.09 5.10 -143.96	77.48 3.33 0.00	68.11 2.26 0.00	76.15 0.31 0.00	57.65 0.35 0.00
HOLTSVILLE_IC_9 23698	52.38 1.18 0.00	44.44 1.10 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.46 0.90 0.00	37.31 0.83 0.00	50.39 0.05 0.00	52.95 0.39 0.00	51.89 0.96 0.00	52.99 1.35 0.00	57.39 2.18 -0.17	78.03 2.05 -16.95	154.23 2.68 -85.73	181.42 4.07 -112.63	279.79 3.51 -216.73	189.14 4.33 -123.19	255.52 4.51 -193.90	262.61 7.41 -151.78	235.65 6.51 -127.98	234.09 5.10 -143.96	77.48 3.33 0.00	68.11 2.26 0.00	76.15 0.31 0.00	57.65 0.35 0.00
HOMER_HL_115KV_TB2 355744	52.40 1.20 0.00	43.14 -0.19 0.00	36.75 -0.47 0.00	32.63 -0.68 0.00	34.18 -0.38 0.00	36.18 -0.30 0.00	51.07 0.73 0.00	53.60 1.04 0.00	52.06 1.13 0.00	53.94 2.29 0.00	58.15 3.10 0.00	68.22 2.60 -6.59	84.87 2.45 -16.60	87.36 2.71 -19.94	70.83 3.16 -8.11	66.37 3.20 -1.56	59.30 2.19 0.00	105.67 2.25 0.00	103.35 2.19 0.00	88.10 2.87 -0.20	76.22 2.07 0.00	67.01 1.15 0.00	77.08 1.24 0.00	59.24 1.94 0.00
HOWARD_WT_PWR 323690	52.86 1.19 -0.47	43.23 -0.10 0.00	36.77 -0.47 -0.01	32.62 -0.69 0.00	34.25 -0.31 0.00	36.34 -0.14 0.00	51.23 0.90 0.00	53.62 1.03 -0.03	52.16 1.04 -0.19	53.69 2.05 0.00	58.03 2.98 0.00	66.06 2.82 -4.21	79.41 2.99 -10.61	80.66 3.20 -12.74	68.47 3.73 -5.18	66.38 3.77 -1.00	59.99 2.88 0.00	107.50 4.08 0.00	106.11 4.82 -0.13	91.93 5.41 -1.48	79.92 4.83 -0.94	70.20 3.76 -0.58	79.71 3.73 -0.14	61.08 3.79 0.00
HQ_GEN_CEDARS 23644	53.98 1.28 -1.51	44.28 0.94 0.00	38.20 0.98 0.00	34.14 0.83 0.00	35.37 0.80 0.00	37.39 0.91 0.00	51.90 1.56 0.00	54.35 1.79 0.00	52.51 1.58 0.00	52.98 1.34 0.00	56.38 1.33 0.00	60.40 1.37 0.00	67.10 1.28 0.00	64.54 -0.18 0.00	58.66 -0.89 0.00	60.33 -1.29 0.00	55.71 -1.40 0.00	101.06 -2.35 0.00	99.23 -1.93 0.00	83.59 -1.44 0.00	73.55 -0.60 0.00	65.77 -0.08 0.00	77.42 1.58 0.00	61.02 1.69 -2.03
HQ_GEN_CEDARS_PROXY 323590	53.98 1.27 -1.51	44.28 0.94 0.00	38.20 0.98 0.00	34.14 0.83 0.00	35.36 0.80 0.00	37.39 0.91 0.00	51.90 1.56 0.00	54.35 1.79 0.00	52.51 1.58 0.00	52.98 1.34 0.00	56.38 1.33 0.00	60.40 1.37 0.00	67.10 1.29 0.00	64.54 -0.18 0.00	58.67 -0.89 0.00	60.33 -1.29 0.00	55.71 -1.40 0.00	101.06 -2.35 0.00	99.23 -1.93 0.00	83.59 -1.44 0.00	73.55 -0.60 0.00	65.77 -0.08 0.00	77.42 1.58 0.00	61.02 1.69 -2.03

HQ_GEN_IMPORT 323601	51.50 0.35 0.05	43.56 0.23 0.00	37.52 0.29 0.00	33.55 0.25 0.00	34.80 0.24 0.00	36.74 0.26 0.00	50.82 0.48 0.00	53.18 0.62 0.00	51.51 0.58 0.00	52.18 0.54 0.00	55.58 0.53 0.00	59.58 0.55 0.00	66.33 0.51 0.00	64.57 -0.15 0.00	59.01 -0.55 0.00	60.81 -0.80 0.00	56.31 -0.80 0.00	102.03 -1.39 0.00	99.89 -1.26 0.00	80.42 -1.28 3.33	73.37 -0.78 0.00	65.56 -0.30 0.00	76.23 0.39 0.00	57.77 0.54 0.07
HQ_GEN_WHEEL 23651	51.50 0.35 0.05	43.56 0.23 0.00	37.52 0.29 0.00	33.55 0.25 0.00	34.80 0.24 0.00	36.74 0.26 0.00	50.82 0.48 0.00	53.18 0.62 0.00	51.51 0.58 0.00	52.18 0.54 0.00	55.58 0.53 0.00	59.58 0.55 0.00	66.33 0.51 0.00	64.57 -0.15 0.00	59.01 -0.55 0.00	60.81 -0.80 0.00	56.31 -0.80 0.00	102.03 -1.39 0.00	99.89 -1.26 0.00	80.42 -1.28 3.33	73.37 -0.78 0.00	65.56 -0.30 0.00	76.23 0.39 0.00	57.77 0.54 0.07
HUDSON AVE_GT_3 23810	52.19 0.99 0.00	44.37 1.04 0.00	38.12 0.90 0.00	34.21 0.91 0.00	35.44 0.88 0.00	37.31 0.83 0.00	51.00 0.67 0.00	53.23 0.66 0.00	52.12 1.19 0.00	52.80 1.16 0.00	56.37 1.32 0.00	60.64 1.60 0.00	67.66 1.84 0.00	67.48 2.76 0.00	62.78 3.22 0.00	65.52 3.90 0.00	61.17 4.06 0.00	110.33 6.91 0.00	106.98 5.82 0.00	89.56 4.53 0.00	77.51 3.36 0.00	67.94 2.08 0.00	76.73 0.89 0.00	57.63 0.33 0.00
HUDSON AVE_GT_4 23540	52.19 0.99 0.00	44.37 1.04 0.00	38.12 0.90 0.00	34.21 0.91 0.00	35.44 0.88 0.00	37.31 0.83 0.00	51.00 0.67 0.00	53.23 0.66 0.00	52.12 1.19 0.00	52.80 1.16 0.00	56.37 1.32 0.00	60.64 1.60 0.00	67.66 1.84 0.00	67.48 2.76 0.00	62.78 3.22 0.00	65.52 3.90 0.00	61.17 4.06 0.00	110.33 6.91 0.00	106.98 5.82 0.00	89.56 4.53 0.00	77.51 3.36 0.00	67.94 2.08 0.00	76.73 0.89 0.00	57.63 0.33 0.00
HUDSON AVE_GT_5 23657	52.19 0.99 0.00	44.37 1.04 0.00	38.12 0.90 0.00	34.21 0.91 0.00	35.44 0.88 0.00	37.31 0.83 0.00	51.00 0.67 0.00	53.23 0.66 0.00	52.12 1.19 0.00	52.80 1.16 0.00	56.37 1.32 0.00	60.64 1.60 0.00	67.66 1.84 0.00	67.48 2.76 0.00	62.78 3.22 0.00	65.52 3.90 0.00	61.17 4.06 0.00	110.33 6.91 0.00	106.98 5.82 0.00	89.56 4.53 0.00	77.51 3.36 0.00	67.94 2.08 0.00	76.73 0.89 0.00	57.63 0.33 0.00
HUDSON_AVE_10 24168	51.90 0.70 0.00	44.15 0.82 0.00	37.95 0.72 0.00	34.07 0.76 0.00	35.28 0.72 0.00	37.12 0.65 0.00	50.72 0.39 0.00	52.92 0.35 0.00	51.86 0.93 0.00	52.59 0.95 0.00	56.14 1.09 0.00	60.44 1.40 0.00	67.52 1.60 -0.10	67.75 2.52 -0.51	62.67 3.02 -0.10	65.33 3.67 -0.05	60.98 3.87 0.00	109.99 6.58 0.00	106.64 5.48 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.73 1.87 0.00	76.52 0.68 0.00	57.47 0.17 0.00
HUDSON___115KV_TB 4 355613	52.08 0.88 0.00	44.29 0.96 0.00	38.10 0.87 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.26 0.78 0.00	50.84 0.50 0.00	52.81 0.25 0.00	50.91 -0.02 0.00	51.14 -0.51 0.00	54.04 -1.01 0.00	58.01 -1.02 0.00	64.77 -1.05 0.00	64.48 -0.23 0.00	59.71 0.16 0.00	61.99 0.37 0.00	57.75 0.64 0.00	105.38 1.96 0.00	103.67 2.51 0.00	87.56 2.53 0.00	76.21 2.06 0.00	67.26 1.40 0.00	76.84 1.01 0.00	57.59 0.29 0.00
HUNTER MOUNT___DRP 323613	52.24 1.04 0.00	44.41 1.08 0.00	38.19 0.97 0.00	34.23 0.93 0.00	35.44 0.88 0.00	37.35 0.87 0.00	51.03 0.70 0.00	53.07 0.51 0.00	51.16 0.22 0.00	51.32 -0.32 0.00	54.20 -0.84 0.00	58.16 -0.87 0.00	65.01 -0.80 0.00	64.79 0.08 0.00	59.98 0.43 0.00	62.27 0.66 0.00	58.00 0.89 0.00	106.00 2.58 0.00	104.37 3.22 0.00	88.20 3.17 0.00	76.75 2.60 0.00	67.71 1.85 0.00	77.37 1.53 0.00	57.94 0.64 0.00
HUNTINGTON_RES_REC 323705	52.00 0.80 0.00	44.11 0.78 0.00	37.92 0.69 0.00	33.91 0.60 0.00	35.14 0.58 0.00	36.99 0.51 0.00	50.10 -0.24 0.00	52.52 -0.05 0.00	51.38 0.45 0.00	52.40 0.75 0.00	56.67 1.46 -0.17	66.89 1.10 -6.75	268.57 1.82 -200.95	333.99 3.44 -265.84	571.86 2.82 -509.48	354.79 3.61 -289.56	516.68 3.96 -455.61	466.44 6.37 -356.65	407.36 5.47 -300.73	427.39 4.10 -338.25	76.52 2.37 0.00	67.19 1.33 0.00	75.24 -0.60 0.00	56.84 -0.46 0.00
HUNTLEY___63 23557	54.13 2.93 0.00	44.09 0.75 0.00	37.28 0.05 0.00	33.05 -0.26 0.00	34.47 -0.09 0.00	36.61 0.14 0.00	51.83 1.50 0.00	54.26 1.69 0.00	52.78 1.85 0.00	55.20 3.56 0.00	59.99 4.95 0.00	72.87 4.88 -8.95	93.10 4.72 -22.57	96.49 4.66 -27.10	75.49 4.90 -11.03	68.53 4.79 -2.13	59.77 2.66 0.00	106.02 2.61 0.00	103.58 2.42 0.00	90.18 3.32 -1.82	77.20 3.05 0.00	67.68 1.83 0.00	78.79 2.95 0.00	61.23 3.93 0.00
HUNTLEY___64 23558	54.13 2.93 0.00	44.09 0.75 0.00	37.28 0.05 0.00	33.05 -0.26 0.00	34.47 -0.09 0.00	36.61 0.14 0.00	51.83 1.50 0.00	54.26 1.69 0.00	52.78 1.85 0.00	55.20 3.56 0.00	59.99 4.95 0.00	72.87 4.88 -8.95	93.10 4.72 -22.57	96.49 4.66 -27.10	75.49 4.90 -11.03	68.53 4.79 -2.13	59.77 2.66 0.00	106.02 2.61 0.00	103.58 2.42 0.00	90.18 3.32 -1.82	77.20 3.05 0.00	67.68 1.83 0.00	78.79 2.95 0.00	61.23 3.93 0.00
HUNTLEY___65 23559	54.13 2.93 0.00	44.09 0.75 0.00	37.28 0.05 0.00	33.05 -0.26 0.00	34.47 -0.09 0.00	36.61 0.14 0.00	51.83 1.50 0.00	54.26 1.69 0.00	52.78 1.85 0.00	55.20 3.56 0.00	59.99 4.95 0.00	72.87 4.88 -8.95	93.10 4.72 -22.57	96.49 4.66 -27.10	75.49 4.90 -11.03	68.53 4.79 -2.13	59.77 2.66 0.00	106.02 2.61 0.00	103.58 2.42 0.00	90.18 3.32 -1.82	77.20 3.05 0.00	67.68 1.83 0.00	78.79 2.95 0.00	61.23 3.93 0.00
HUNTLEY___66 23560	54.13 2.93 0.00	44.09 0.75 0.00	37.28 0.05 0.00	33.05 -0.26 0.00	34.47 -0.09 0.00	36.61 0.14 0.00	51.83 1.50 0.00	54.26 1.69 0.00	52.78 1.85 0.00	55.20 3.56 0.00	59.99 4.95 0.00	72.87 4.88 -8.95	93.10 4.72 -22.57	96.49 4.66 -27.10	75.49 4.90 -11.03	68.53 4.79 -2.13	59.77 2.66 0.00	106.02 2.61 0.00	103.58 2.42 0.00	90.18 3.32 -1.82	77.20 3.05 0.00	67.68 1.83 0.00	78.79 2.95 0.00	61.23 3.93 0.00
HUNTLEY___67 23561	53.59 2.39 0.00	43.74 0.41 0.00	37.05 -0.18 0.00	32.86 -0.45 0.00	34.29 -0.27 0.00	36.39 -0.08 0.00	51.52 1.19 0.00	53.90 1.34 0.00	52.42 1.49 0.00	54.70 3.06 0.00	59.39 4.34 0.00	71.10 4.26 -7.81	89.65 4.15 -19.69	92.43 4.07 -23.64	73.52 4.35 -9.62	67.58 4.11 -1.86	59.21 2.10 0.00	105.15 1.73 0.00	102.70 1.54 0.00	87.61 2.58 0.00	76.54 2.39 0.00	67.23 1.38 0.00	78.05 2.22 0.00	60.55 3.25 0.00
HUNTLEY___68 23562	53.59 2.39 0.00	43.74 0.41 0.00	37.05 -0.18 0.00	32.86 -0.45 0.00	34.29 -0.27 0.00	36.39 -0.08 0.00	51.52 1.19 0.00	53.90 1.34 0.00	52.42 1.49 0.00	54.70 3.06 0.00	59.39 4.34 0.00	71.10 4.26 -7.81	89.65 4.15 -19.69	92.43 4.07 -23.64	73.52 4.35 -9.62	67.58 4.11 -1.86	59.21 2.10 0.00	105.15 1.73 0.00	102.70 1.54 0.00	87.61 2.58 0.00	76.54 2.39 0.00	67.23 1.38 0.00	78.05 2.22 0.00	60.55 3.25 0.00

HYLAND___LFGE 323620	54.31 3.12 0.00	44.82 1.48 0.00	38.04 0.81 0.00	33.72 0.41 0.00	35.26 0.69 0.00	37.49 1.01 0.00	52.96 2.63 0.00	55.16 2.60 0.00	52.58 1.65 0.00	53.59 1.95 0.00	57.98 2.94 0.00	70.69 1.13 -10.53	90.22 -2.14 -26.54	94.94 -1.65 -31.87	72.03 -0.50 -12.97	63.75 -0.36 -2.50	57.05 -0.06 0.00	100.74 -2.68 0.00	100.07 -1.09 0.00	85.37 0.34 0.00	75.42 1.27 0.00	67.25 1.39 0.00	76.46 0.62 0.00	63.39 6.09 0.00
INDECK___CORINTH 23802	52.90 1.70 0.00	44.64 1.31 0.00	38.44 1.21 0.00	34.55 1.24 0.00	35.84 1.28 0.00	37.78 1.31 0.00	51.80 1.47 0.00	54.13 1.57 0.00	52.33 1.40 0.00	52.66 1.02 0.00	55.36 0.31 0.00	59.61 0.57 0.00	66.89 1.07 0.00	66.40 1.68 0.00	61.50 1.95 0.00	64.21 2.60 0.00	59.82 2.71 0.00	109.72 6.30 0.00	107.70 6.54 0.00	91.25 6.22 0.00	78.29 4.14 0.00	69.10 3.25 0.00	79.21 3.37 0.00	59.17 1.87 0.00
INDECK___ILION 23567	51.66 0.46 0.00	43.87 0.54 0.00	37.69 0.46 0.00	33.77 0.46 0.00	35.04 0.48 0.00	36.97 0.49 0.00	50.74 0.41 0.00	52.71 0.15 0.00	50.76 -0.17 0.00	51.20 -0.44 0.00	54.38 -0.66 0.00	58.41 -0.62 0.00	65.35 -0.46 0.00	64.84 0.12 0.00	60.02 0.47 0.00	62.38 0.77 0.00	58.08 0.97 0.00	105.70 2.28 0.00	103.87 2.71 0.00	87.75 2.72 0.00	76.27 2.11 0.00	67.40 1.54 0.00	77.04 1.20 0.00	57.73 0.43 0.00
INDECK___OLEAN 23982	49.10 1.20 3.30	43.14 -0.19 0.00	36.75 -0.48 0.00	32.62 -0.68 0.00	34.18 -0.38 0.00	36.19 -0.29 0.00	51.06 0.72 0.00	53.60 1.04 0.00	52.06 1.13 0.00	53.92 2.28 0.00	58.14 3.09 0.00	68.23 2.61 -6.59	84.88 2.46 -16.60	87.40 2.75 -19.94	70.83 3.17 -8.11	66.37 3.19 -1.56	59.30 2.18 0.00	105.66 2.25 0.00	103.35 2.19 0.00	88.10 2.86 -0.20	76.22 2.07 0.00	67.02 1.16 0.00	77.09 1.25 0.00	59.24 1.94 0.00
INDECK___OSWEGO 23783	50.10 -1.36 -0.26	42.05 -1.29 0.00	36.14 -1.21 -0.12	32.20 -1.11 0.00	33.45 -1.12 0.00	35.38 -1.10 0.00	48.98 -1.35 0.00	51.39 -1.43 -0.26	51.31 -1.46 -1.84	50.34 -1.30 0.00	53.82 -1.23 0.00	57.56 -1.48 0.00	64.21 -1.60 0.00	63.29 -1.42 0.00	58.41 -1.15 0.00	60.53 -1.09 0.00	56.01 -1.10 0.00	101.33 -2.08 0.00	100.68 -1.78 -1.30	97.43 -1.11 -13.51	82.23 -1.02 -9.10	70.36 -1.13 -5.63	75.55 -1.60 -1.31	56.11 -1.25 -0.06
INDECK___YERKES 23781	51.91 2.94 2.23	44.09 0.76 0.00	37.28 0.06 0.00	33.05 -0.26 0.00	34.48 -0.08 0.00	36.62 0.14 0.00	51.84 1.50 0.00	54.28 1.71 0.00	52.78 1.85 0.00	55.20 3.56 0.00	60.03 4.98 0.00	72.91 4.92 -8.95	93.16 4.77 -22.57	96.53 4.70 -27.10	75.52 4.94 -11.03	68.56 4.82 -2.13	59.78 2.67 0.00	106.07 2.66 0.00	103.65 2.48 0.00	90.21 3.35 -1.82	77.22 3.07 0.00	67.73 1.87 0.00	78.84 3.00 0.00	61.24 3.94 0.00
INDIAN POINT_GT_1 24139	51.88 0.68 0.00	44.08 0.75 0.00	37.84 0.62 0.00	33.92 0.62 0.00	35.17 0.61 0.00	37.02 0.54 0.00	50.66 0.33 0.00	52.95 0.39 0.00	51.71 0.78 0.00	52.37 0.73 0.00	55.87 0.83 0.00	60.11 1.07 0.00	67.07 1.26 0.00	66.88 2.16 0.00	62.17 2.62 0.00	64.86 3.25 0.00	60.59 3.48 0.00	109.40 5.98 0.00	106.29 5.13 0.00	89.04 4.01 0.00	77.05 2.90 0.00	67.67 1.81 0.00	76.55 0.71 0.00	57.48 0.18 0.00
INDIAN POINT_GT_2 23659	51.88 0.68 0.00	44.08 0.75 0.00	37.84 0.62 0.00	33.92 0.62 0.00	35.17 0.61 0.00	37.02 0.54 0.00	50.66 0.33 0.00	52.95 0.39 0.00	51.71 0.78 0.00	52.37 0.73 0.00	55.87 0.83 0.00	60.11 1.07 0.00	67.07 1.26 0.00	66.88 2.16 0.00	62.17 2.62 0.00	64.86 3.25 0.00	60.59 3.48 0.00	109.40 5.98 0.00	106.29 5.13 0.00	89.04 4.01 0.00	77.05 2.90 0.00	67.67 1.81 0.00	76.55 0.71 0.00	57.48 0.18 0.00
INDIAN POINT_GT_3 24019	51.88 0.68 0.00	44.08 0.75 0.00	37.84 0.62 0.00	33.92 0.62 0.00	35.17 0.61 0.00	37.02 0.54 0.00	50.66 0.33 0.00	52.95 0.39 0.00	51.71 0.78 0.00	52.37 0.73 0.00	55.87 0.83 0.00	60.11 1.07 0.00	67.07 1.26 0.00	66.88 2.16 0.00	62.17 2.62 0.00	64.86 3.25 0.00	60.59 3.48 0.00	109.40 5.98 0.00	106.29 5.13 0.00	89.04 4.01 0.00	77.05 2.90 0.00	67.67 1.81 0.00	76.55 0.71 0.00	57.48 0.18 0.00
INDIAN POINT___2 23530	51.81 0.61 0.00	44.02 0.68 0.00	37.79 0.56 0.00	33.88 0.57 0.00	35.12 0.56 0.00	36.96 0.48 0.00	50.61 0.27 0.00	52.91 0.35 0.00	51.66 0.73 0.00	52.33 0.69 0.00	55.85 0.80 0.00	60.06 1.03 0.00	67.00 1.18 0.00	66.80 2.09 0.00	62.09 2.54 0.00	64.80 3.19 0.00	60.53 3.42 0.00	109.27 5.86 0.00	106.15 5.00 0.00	88.94 3.91 0.00	76.96 2.81 0.00	67.61 1.75 0.00	76.46 0.63 0.00	57.43 0.13 0.00
INDIAN POINT___3 23531	51.81 0.61 0.00	44.03 0.70 0.00	37.80 0.57 0.00	33.89 0.58 0.00	35.13 0.57 0.00	36.97 0.49 0.00	50.60 0.27 0.00	52.91 0.35 0.00	51.66 0.73 0.00	52.32 0.67 0.00	55.82 0.77 0.00	60.04 1.01 0.00	66.97 1.16 0.00	66.80 2.08 0.00	62.07 2.51 0.00	64.77 3.16 0.00	60.48 3.37 0.00	109.20 5.79 0.00	106.11 4.95 0.00	88.88 3.85 0.00	76.92 2.77 0.00	67.55 1.69 0.00	76.44 0.60 0.00	57.40 0.10 0.00
INGHAM_C_115KV_TB7 356103	52.18 0.98 0.00	44.49 1.16 0.00	38.24 1.01 0.00	34.31 1.00 0.00	35.60 1.04 0.00	37.53 1.05 0.00	51.21 0.88 0.00	52.81 0.25 0.00	50.40 -0.53 0.00	50.43 -1.21 0.00	53.31 -1.74 0.00	57.36 -1.68 0.00	64.42 -1.39 0.00	64.44 -0.28 0.00	60.00 0.45 0.00	62.62 1.01 0.00	58.59 1.47 0.00	107.28 3.87 0.00	106.03 4.87 0.00	90.16 5.13 0.00	78.19 4.04 0.00	68.91 3.05 0.00	78.32 2.49 0.00	58.15 0.86 0.00
IP CORINTH___1 23988	53.21 2.01 0.00	44.89 1.56 0.00	38.65 1.42 0.00	34.74 1.43 0.00	36.04 1.48 0.00	38.00 1.52 0.00	52.11 1.77 0.00	54.44 1.88 0.00	52.63 1.70 0.00	52.97 1.33 0.00	55.69 0.65 0.00	59.97 0.93 0.00	67.28 1.46 0.00	66.78 2.07 0.00	61.86 2.30 0.00	64.59 2.97 0.00	60.16 3.05 0.00	110.31 6.90 0.00	108.28 7.13 0.00	91.75 6.72 0.00	78.73 4.58 0.00	69.50 3.64 0.00	79.64 3.80 0.00	59.51 2.21 0.00
IP___TICONDEROGA 23804	55.94 4.74 0.00	46.68 3.35 0.00	40.54 3.31 0.00	36.90 3.60 0.00	38.38 3.81 0.00	40.40 3.92 0.00	55.11 4.78 0.00	57.76 5.19 0.00	55.79 4.86 0.00	55.86 4.22 0.00	58.53 3.48 0.00	63.06 4.02 0.00	70.94 5.12 0.00	70.68 5.97 0.00	65.36 5.81 0.00	68.70 7.09 0.00	63.52 6.41 0.00	117.60 14.19 0.00	115.45 14.30 0.00	97.90 12.87 0.00	82.12 7.97 0.00	72.64 6.78 0.00	84.40 8.56 0.00	62.64 5.34 0.00
ISLIP_RES_REC 323679	52.67 1.48 0.00	44.66 1.33 0.00	38.45 1.22 0.00	34.37 1.06 0.00	35.63 1.06 0.00	37.50 1.02 0.00	50.65 0.31 0.00	53.27 0.70 0.00	52.24 1.31 0.00	53.40 1.76 0.00	57.87 2.65 -0.17	77.24 2.59 -15.62	147.20 3.34 -78.05	171.93 4.74 -102.48	261.01 4.14 -197.32	178.80 5.03 -112.16	238.81 5.16 -176.55	250.18 8.57 -138.20	225.26 7.57 -116.53	222.07 5.96 -131.07	78.17 4.02 0.00	68.68 2.82 0.00	76.74 0.90 0.00	58.07 0.78 0.00

JAMAICA__27_KV_LOAD 355505	52.10 0.91 0.00	44.32 0.99 0.00	38.12 0.89 0.00	34.25 0.95 0.00	35.46 0.90 0.00	37.30 0.83 0.00	50.92 0.58 0.00	53.09 0.53 0.00	52.09 1.16 0.00	52.88 1.24 0.00	56.48 1.43 0.00	60.87 1.83 0.00	68.03 2.08 -0.13	68.37 3.01 -0.64	63.22 3.54 -0.13	65.88 4.21 -0.06	61.48 4.37 0.00	110.91 7.49 0.00	107.58 6.42 0.00	90.02 4.99 0.00	77.94 3.79 0.00	68.36 2.50 0.00	77.26 1.42 0.00	58.04 0.74 0.00
JANIS__SOLAR 323808	53.92 1.97 -0.75	44.84 1.51 0.00	38.47 1.22 -0.03	34.35 1.04 0.00	35.77 1.21 0.00	37.87 1.40 0.00	52.68 2.34 0.00	54.94 2.32 -0.05	53.01 1.70 -0.37	53.35 1.71 0.00	57.00 1.96 0.00	60.98 1.94 0.00	68.26 2.44 0.00	67.50 2.79 0.00	62.67 3.12 0.00	65.02 3.40 0.00	60.39 3.27 0.00	109.59 6.18 0.00	108.96 7.54 -0.26	95.57 7.81 -2.73	82.79 6.80 -1.84	72.43 5.44 -1.14	81.27 5.17 -0.27	60.82 3.52 0.00
JARVIS____ 23743	51.14 -0.06 0.00	43.35 0.02 0.00	37.23 0.00 0.00	33.31 0.00 0.00	34.56 0.00 0.00	36.48 0.01 0.00	50.29 -0.05 0.00	52.47 -0.10 0.00	50.83 -0.10 0.00	51.50 -0.15 0.00	54.84 -0.20 0.00	58.82 -0.21 0.00	65.63 -0.19 0.00	64.76 0.04 0.00	59.73 0.17 0.00	61.89 0.28 0.00	57.40 0.29 0.00	104.06 0.65 0.00	101.78 0.63 0.00	85.62 0.59 0.00	74.57 0.42 0.00	66.09 0.24 0.00	75.89 0.05 0.00	57.22 -0.08 0.00
JENNISON____1 23625	52.26 1.03 -0.03	44.55 1.22 0.00	38.41 1.16 -0.02	34.46 1.15 0.00	35.87 1.31 0.00	37.92 1.44 0.00	52.58 2.25 0.00	54.77 2.17 -0.04	53.18 1.98 -0.27	53.87 2.23 0.00	57.70 2.66 0.00	61.88 2.85 0.00	69.22 3.41 0.00	68.56 3.84 0.00	63.59 4.04 0.00	66.06 4.45 0.00	61.40 4.29 0.00	111.06 7.65 0.00	109.52 8.18 -0.19	94.60 7.61 -1.96	81.77 6.30 -1.32	71.68 5.01 -0.82	80.63 4.60 -0.19	60.09 2.79 0.00
JENNISON____2 23626	52.26 1.03 -0.03	44.55 1.22 0.00	38.41 1.16 -0.02	34.46 1.15 0.00	35.87 1.31 0.00	37.92 1.44 0.00	52.58 2.25 0.00	54.77 2.17 -0.04	53.18 1.98 -0.27	53.87 2.23 0.00	57.70 2.66 0.00	61.88 2.85 0.00	69.22 3.41 0.00	68.56 3.84 0.00	63.59 4.04 0.00	66.06 4.45 0.00	61.40 4.29 0.00	111.06 7.65 0.00	109.52 8.18 -0.19	94.60 7.61 -1.96	81.77 6.30 -1.32	71.68 5.01 -0.82	80.63 4.60 -0.19	60.09 2.79 0.00
JERICOHO_RISE_WT_PWR 323719	51.45 0.15 -0.10	43.33 0.00 0.00	37.38 0.15 0.00	33.43 0.13 0.00	34.62 0.06 0.00	36.53 0.05 0.00	50.69 0.35 0.00	53.43 0.86 0.00	51.78 0.85 0.00	52.46 0.81 0.00	55.89 0.85 0.00	59.94 0.91 0.00	66.69 0.88 0.00	64.70 -0.02 0.00	58.93 -0.63 0.00	60.74 -0.87 0.00	56.09 -1.02 0.00	101.81 -1.61 0.00	99.80 -1.36 0.00	83.98 -1.05 0.00	73.67 -0.48 0.00	65.69 -0.17 0.00	76.41 0.57 0.00	58.10 0.67 -0.13
KATONAH__115KV_46KV_TB4 355592	52.22 1.02 0.00	44.35 1.02 0.00	38.07 0.84 0.00	34.12 0.81 0.00	35.36 0.80 0.00	37.24 0.76 0.00	50.94 0.61 0.00	53.23 0.67 0.00	52.00 1.08 0.00	52.69 1.05 0.00	56.26 1.21 0.00	60.55 1.52 0.00	67.64 1.83 0.00	67.52 2.81 0.00	62.79 3.24 0.00	65.54 3.93 0.00	61.12 4.01 0.00	110.38 6.97 0.00	107.26 6.10 0.00	89.85 4.82 0.00	77.71 3.56 0.00	68.19 2.34 0.00	77.16 1.32 0.00	57.88 0.58 0.00
KCE_NY_1 323755	53.27 2.08 0.00	45.06 1.73 0.00	38.75 1.52 0.00	34.74 1.44 0.00	36.06 1.50 0.00	38.00 1.52 0.00	52.14 1.81 0.00	54.39 1.82 0.00	52.56 1.63 0.00	53.01 1.36 0.00	56.04 0.99 0.00	60.31 1.27 0.00	67.50 1.68 0.00	67.03 2.31 0.00	62.06 2.50 0.00	64.59 2.98 0.00	60.13 3.02 0.00	109.79 6.37 0.00	107.65 6.49 0.00	90.73 5.69 0.00	78.39 4.24 0.00	69.18 3.32 0.00	79.26 3.42 0.00	59.38 2.08 0.00
KCE_NY_6_ESR 323823	51.59 2.88 2.49	44.16 0.83 0.00	37.39 0.16 0.00	33.19 -0.12 0.00	34.60 0.04 0.00	36.72 0.25 0.00	52.01 1.67 0.00	54.42 1.86 0.00	52.95 2.02 0.00	55.25 3.61 0.00	60.02 4.97 -7.84	71.82 4.95 -19.75	90.60 5.04 -23.72	93.46 5.02 -9.65	74.44 5.24 -1.86	68.58 5.11 0.00	60.29 3.18 0.00	107.26 3.84 0.00	104.83 3.67 0.00	89.69 4.30 -0.35	77.99 3.84 0.00	68.38 2.53 0.00	79.12 3.29 0.00	61.27 3.97 0.00
KEDC PORT_JEFF_GT2 24210	52.15 0.96 0.00	44.26 0.92 0.00	38.12 0.89 0.00	34.07 0.76 0.00	35.32 0.76 0.00	37.14 0.66 0.00	50.08 -0.25 0.00	52.48 -0.08 0.00	51.43 0.50 0.00	52.49 0.85 0.00	56.84 1.63 -0.17	77.99 1.44 -17.51	163.24 1.84 -95.59	193.65 3.24 -125.70	304.01 2.75 -241.71	202.50 3.51 -137.38	277.10 3.76 -216.23	278.68 6.01 -169.26	248.99 5.11 -142.72	249.35 3.79 -160.53	76.28 2.13 0.00	67.09 1.24 0.00	75.04 -0.79 0.00	57.19 -0.10 0.00
KEDC PORT_JEFF_GT3 24211	52.15 0.96 0.00	44.26 0.92 0.00	38.12 0.89 0.00	34.07 0.76 0.00	35.32 0.76 0.00	37.14 0.66 0.00	50.08 -0.25 0.00	52.48 -0.08 0.00	51.43 0.50 0.00	52.49 0.85 0.00	56.84 1.63 -0.17	77.99 1.44 -17.51	163.24 1.84 -95.59	193.65 3.24 -125.70	304.01 2.75 -241.71	202.50 3.51 -137.38	277.10 3.76 -216.23	278.68 6.01 -169.26	248.99 5.11 -142.72	249.35 3.79 -160.53	76.28 2.13 0.00	67.09 1.24 0.00	75.04 -0.79 0.00	57.19 -0.10 0.00
KEDC_GLWD_GT4 24219	52.32 1.12 0.00	44.41 1.08 0.00	38.14 0.91 0.00	34.17 0.86 0.00	35.41 0.84 0.00	37.27 0.79 0.00	50.85 0.52 0.00	53.22 0.66 0.00	52.03 1.10 0.00	52.59 0.95 0.00	56.90 1.69 -0.17	60.74 1.71 0.00	67.66 1.85 0.00	67.66 2.94 0.00	62.60 3.12 0.08	65.48 3.90 0.04	61.21 4.09 0.00	110.33 6.92 0.00	107.02 5.86 0.00	89.51 4.48 0.00	77.29 3.14 0.00	67.81 1.95 0.00	76.39 0.55 0.00	57.46 0.16 0.00
KEDC_GLWD_GT5 24220	52.32 1.12 0.00	44.41 1.08 0.00	38.14 0.91 0.00	34.17 0.86 0.00	35.41 0.84 0.00	37.27 0.79 0.00	50.85 0.52 0.00	53.22 0.66 0.00	52.03 1.10 0.00	52.59 0.95 0.00	56.90 1.69 -0.17	60.74 1.71 0.00	67.66 1.85 0.00	67.66 2.94 0.00	62.60 3.12 0.08	65.48 3.90 0.04	61.21 4.09 0.00	110.33 6.92 0.00	107.02 5.86 0.00	89.51 4.48 0.00	77.29 3.14 0.00	67.81 1.95 0.00	76.39 0.55 0.00	57.46 0.16 0.00
KENSICO____ 23655	52.02 0.82 0.00	44.20 0.87 0.00	37.96 0.73 0.00	34.03 0.72 0.00	35.28 0.72 0.00	37.13 0.65 0.00	50.79 0.46 0.00	53.07 0.50 0.00	51.85 0.91 0.00	52.51 0.87 0.00	56.06 1.01 0.00	60.28 1.25 0.00	67.28 1.46 0.00	67.13 2.41 0.00	62.37 2.82 0.00	65.07 3.45 0.00	60.77 3.65 0.00	109.68 6.26 0.00	106.52 5.36 0.00	89.22 4.19 0.00	77.20 3.05 0.00	67.78 1.93 0.00	76.66 0.82 0.00	57.56 0.26 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	52.49 1.30 0.00	44.54 1.21 0.00	38.16 0.92 0.00	34.18 0.88 0.00	35.44 0.88 0.00	37.31 0.83 0.00	51.18 0.85 0.00	53.52 0.95 0.00	52.18 1.25 0.00	52.79 1.15 0.00	56.28 1.24 0.00	60.54 1.50 0.00	67.55 1.73 0.00	66.93 2.21 0.00	62.29 2.74 0.00	65.10 3.49 0.00	60.87 3.76 0.00	110.08 6.67 0.00	107.69 6.53 0.00	90.44 5.41 0.00	78.29 4.14 0.00	69.16 3.30 0.00	78.20 2.36 0.00	58.62 1.32 0.00

KIAC_JFK_GT1 23816	51.57 0.37 0.00	43.89 0.56 0.00	37.75 0.52 0.00	33.93 0.63 0.00	35.12 0.56 0.00	36.95 0.47 0.00	50.41 0.08 0.00	52.56 -0.01 0.00	51.57 0.64 0.00	52.32 0.68 0.00	55.87 0.83 0.00	60.22 1.18 0.00	67.31 1.36 -0.13	67.64 2.28 -0.64	62.55 2.87 -0.13	65.18 3.51 -0.06	60.83 3.72 0.00	109.75 6.33 0.00	106.41 5.25 0.00	89.04 4.01 0.00	77.09 2.94 0.00	67.58 1.73 0.00	76.41 0.57 0.00	57.43 0.13 0.00
KIAC_JFK_GT2 23817	51.57 0.37 0.00	43.89 0.56 0.00	37.75 0.52 0.00	33.93 0.63 0.00	35.12 0.56 0.00	36.95 0.47 0.00	50.41 0.08 0.00	52.56 -0.01 0.00	51.57 0.64 0.00	52.32 0.68 0.00	55.87 0.83 0.00	60.22 1.18 0.00	67.31 1.36 -0.13	67.64 2.28 -0.64	62.55 2.87 -0.13	65.18 3.51 -0.06	60.83 3.72 0.00	109.75 6.33 0.00	106.41 5.25 0.00	89.04 4.01 0.00	77.09 2.94 0.00	67.58 1.73 0.00	76.41 0.57 0.00	57.43 0.13 0.00
KIAC_JFK____ 323774	51.56 0.36 0.00	43.89 0.56 0.00	37.76 0.53 0.00	33.93 0.63 0.00	35.12 0.56 0.00	36.95 0.47 0.00	50.41 0.08 0.00	52.55 -0.01 0.00	51.57 0.64 0.00	52.32 0.68 0.00	55.87 0.83 0.00	60.22 1.18 0.00	67.31 1.36 -0.13	67.64 2.28 -0.64	62.55 2.87 -0.13	65.17 3.50 -0.06	60.83 3.72 0.00	109.75 6.33 0.00	106.41 5.25 0.00	89.04 4.01 0.00	77.09 2.93 0.00	67.58 1.73 0.00	76.41 0.57 0.00	57.42 0.12 0.00
KINTIGH__24_KV_GSU 356498	51.43 2.03 1.79	43.66 0.33 0.00	37.05 -0.18 0.00	32.91 -0.40 0.00	34.32 -0.25 0.00	36.42 -0.06 0.00	51.34 1.00 0.00	53.72 1.15 0.00	52.18 1.25 0.00	54.26 2.61 0.00	58.73 3.68 0.00	70.17 3.62 -7.52	88.34 3.57 -18.95	91.03 3.56 -22.76	72.56 3.74 -9.26	66.88 3.48 -1.79	58.57 1.46 0.00	103.94 0.52 0.00	101.60 0.44 0.00	86.49 1.58 0.12	75.91 1.76 0.00	67.03 1.17 0.00	77.67 1.84 0.00	60.00 2.70 0.00
KINTIGH____ 23543	53.18 1.98 0.00	43.63 0.30 0.00	37.03 -0.20 0.00	32.89 -0.41 0.00	34.29 -0.27 0.00	36.39 -0.09 0.00	51.29 0.96 0.00	53.67 1.11 0.00	52.15 1.22 0.00	54.21 2.57 0.00	58.68 3.64 0.00	70.12 3.56 -7.52	88.27 3.50 -18.95	90.96 3.49 -22.76	72.51 3.69 -9.26	66.83 3.43 -1.79	58.58 1.47 0.00	104.03 0.61 0.00	101.67 0.52 0.00	86.55 1.63 0.12	75.90 1.75 0.00	66.97 1.12 0.00	77.63 1.79 0.00	59.95 2.65 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.78 0.59 0.00	43.71 0.38 0.00	37.72 0.49 0.00	33.84 0.53 0.00	35.03 0.47 0.00	36.84 0.36 0.00	51.03 0.69 0.00	53.77 1.21 0.00	52.00 1.07 0.00	52.65 1.01 0.00	56.18 1.14 0.00	60.33 1.30 0.00	67.19 1.38 0.00	65.25 0.53 0.00	59.45 -0.11 0.00	61.39 -0.23 0.00	56.72 -0.39 0.00	103.02 -0.40 0.00	101.02 -0.14 0.00	85.39 0.36 0.00	74.84 0.69 0.00	66.57 0.71 0.00	77.29 1.45 0.00	58.57 1.27 0.00
LACHUTE____HYDRO 323717	55.94 4.74 0.00	46.68 3.35 0.00	40.54 3.31 0.00	36.90 3.60 0.00	38.38 3.81 0.00	40.40 3.92 0.00	55.11 4.78 0.00	57.76 5.19 0.00	55.80 4.86 0.00	55.86 4.22 0.00	58.53 3.48 0.00	63.06 4.02 0.00	70.94 5.12 0.00	70.69 5.97 0.00	65.36 5.81 0.00	68.70 7.08 0.00	63.52 6.40 0.00	117.60 14.19 0.00	115.45 14.30 0.00	97.90 12.87 0.00	82.12 7.96 0.00	72.64 6.78 0.00	84.39 8.56 0.00	62.64 5.34 0.00
LAWRNCALV_115KV_TB1 80681	53.91 1.54 -1.18	44.40 1.07 0.00	38.30 1.08 0.00	34.22 0.92 0.00	35.41 0.85 0.00	37.50 1.02 0.00	52.16 1.83 0.00	54.65 2.08 0.00	52.58 1.65 0.00	52.68 1.04 0.00	56.04 0.99 0.00	60.00 0.97 0.00	66.64 0.83 0.00	63.95 -0.77 0.00	57.90 -1.66 0.00	59.56 -2.05 0.00	55.05 -2.06 0.00	99.99 -3.42 0.00	98.54 -2.62 0.00	83.31 -1.73 0.00	73.48 -0.67 0.00	65.71 -0.15 0.00	77.50 1.66 0.00	60.74 1.85 -1.59
LEDERLE____ 23769	52.13 0.93 0.00	44.25 0.92 0.00	37.97 0.74 0.00	34.02 0.71 0.00	35.28 0.72 0.00	37.14 0.66 0.00	50.88 0.55 0.00	53.27 0.71 0.00	52.03 1.11 0.00	52.75 1.11 0.00	56.34 1.30 0.00	60.64 1.60 0.00	67.67 1.85 0.00	67.48 2.76 0.00	62.75 3.20 0.00	65.54 3.93 0.00	61.23 4.12 0.00	110.52 7.10 0.00	107.33 6.17 0.00	89.87 4.84 0.00	77.74 3.59 0.00	68.25 2.40 0.00	77.16 1.32 0.00	57.92 0.62 0.00
LIGHTHSE_115KV_TB6 355974	51.37 -0.04 -0.21	43.06 -0.27 0.00	36.92 -0.37 -0.06	32.92 -0.38 0.00	34.24 -0.32 0.00	36.39 -0.08 0.00	50.68 0.35 0.00	53.15 0.46 -0.13	52.16 0.31 -0.93	52.08 0.45 0.00	55.63 0.59 0.00	59.39 0.36 0.00	66.21 0.39 0.00	65.06 0.34 0.00	59.95 0.40 0.00	62.19 0.58 0.00	57.47 0.36 0.00	104.32 0.90 0.00	103.46 1.65 -0.65	94.05 2.23 -6.79	80.95 2.23 -4.57	70.51 1.83 -2.83	78.60 2.11 -0.66	58.89 1.45 -0.14
LINDEN COGEN____ 23786	51.68 0.49 0.00	44.00 0.67 0.00	37.83 0.60 0.00	33.94 0.64 0.00	35.16 0.60 0.00	37.01 0.53 0.00	50.55 0.22 0.00	52.72 0.15 0.00	51.64 0.70 0.00	52.30 0.66 0.00	55.66 0.73 0.11	60.04 1.00 0.00	66.98 1.16 0.00	66.78 2.06 0.00	62.16 2.61 0.00	64.86 3.25 0.00	60.62 3.51 0.00	109.35 5.94 0.00	106.05 4.89 0.00	88.76 3.73 0.00	76.84 2.69 0.00	67.28 1.43 0.00	75.94 0.11 0.00	57.06 -0.23 0.00
LINDHRST_69_KV_BK1 356055	52.52 1.33 0.00	44.55 1.22 0.00	38.26 1.03 0.00	34.20 0.90 0.00	35.45 0.89 0.00	37.33 0.85 0.00	50.69 0.35 0.00	53.20 0.63 0.00	52.10 1.17 0.00	53.11 1.47 0.00	57.32 2.11 -0.17	62.83 2.02 -1.78	75.30 2.56 -6.93	77.31 3.96 -8.62	80.80 3.63 -17.61	76.18 4.54 -10.03	77.76 4.71 -15.94	123.75 7.86 -12.47	118.55 6.87 -10.52	102.13 5.27 -11.83	77.91 3.76 0.00	68.41 2.56 0.00	76.79 0.95 0.00	57.90 0.60 0.00
LIPA_MISC_IPP 23656	52.18 0.98 0.00	44.30 0.96 0.00	38.23 1.00 0.00	34.18 0.88 0.00	35.45 0.89 0.00	37.29 0.81 0.00	50.24 -0.10 0.00	52.95 0.39 0.00	51.93 1.00 0.00	53.00 1.36 0.00	57.40 2.18 -0.17	81.53 2.03 -20.47	149.23 2.68 -80.73	174.70 4.09 -105.89	267.01 3.59 -203.87	181.94 4.45 -115.88	244.19 4.68 -182.40	253.75 7.56 -142.78	228.27 6.73 -120.39	225.71 5.26 -135.42	77.47 3.31 0.00	68.17 2.31 0.00	76.15 0.31 0.00	57.64 0.34 0.00
LISF____SOLAR 323691	52.32 1.12 0.00	44.41 1.08 0.00	38.32 1.09 0.00	34.27 0.96 0.00	35.53 0.97 0.00	37.38 0.90 0.00	50.37 0.03 0.00	53.09 0.52 0.00	52.05 1.12 0.00	53.15 1.51 0.00	57.54 2.32 -0.17	80.93 2.20 -19.70	150.57 2.88 -81.88	176.32 4.18 -107.43	270.12 3.76 -206.81	183.81 4.65 -117.55	247.04 4.90 -185.03	256.26 8.01 -144.84	230.47 7.18 -122.13	228.06 5.65 -137.37	77.79 3.64 0.00	68.43 2.58 0.00	76.45 0.62 0.00	57.84 0.54 0.00
LITTLE FALLS____HYD 24013	52.18 0.98 0.00	44.49 1.16 0.00	38.24 1.01 0.00	34.31 1.00 0.00	35.60 1.04 0.00	37.53 1.05 0.00	51.21 0.88 0.00	52.81 0.25 0.00	50.40 -0.53 0.00	50.43 -1.21 0.00	53.31 -1.74 0.00	57.36 -1.68 0.00	64.42 -1.39 0.00	64.44 -0.28 0.00	60.00 0.45 0.00	62.62 1.01 0.00	58.59 1.47 0.00	107.28 3.87 0.00	106.03 4.87 0.00	90.16 5.13 0.00	78.19 4.04 0.00	68.91 3.05 0.00	78.32 2.49 0.00	58.15 0.86 0.00

LITTLRIV_115KV_TB1 356100	54.88 2.56 -1.12	45.24 1.91 0.00	39.03 1.80 0.00	34.88 1.58 0.00	36.09 1.53 0.00	38.26 1.78 0.00	53.24 2.91 0.00	55.61 3.05 0.00	53.20 2.27 0.00	53.06 1.42 0.00	56.45 1.40 0.00	60.45 1.41 0.00	67.15 1.33 0.00	64.53 -0.19 0.00	58.42 -1.13 0.00	60.08 -1.53 0.00	55.63 -1.48 0.00	100.83 -2.58 0.00	100.08 -1.08 0.00	85.15 0.12 0.00	75.36 1.21 0.00	67.38 1.52 0.00	79.34 3.50 0.00	62.05 3.24 -1.52
LI_NEWBRDGE___DRP 323616	51.73 0.54 0.00	43.96 0.63 0.00	37.76 0.53 0.00	33.80 0.50 0.00	35.03 0.47 0.00	36.87 0.39 0.00	50.13 -0.20 0.00	52.51 -0.05 0.00	51.35 0.42 0.00	52.24 0.60 0.00	56.22 1.00 -0.17	59.92 0.88 0.00	66.89 1.30 0.22	66.15 2.55 1.11	61.72 2.39 0.22	64.66 3.15 0.10	60.56 3.45 0.00	109.06 5.65 0.00	105.85 4.69 0.00	88.52 3.48 0.00	76.35 2.20 0.00	67.09 1.23 0.00	75.48 -0.36 0.00	56.91 -0.39 0.00
LOCKPORT_115KV_TB60_63_64 80432	53.57 2.38 0.00	43.68 0.35 0.00	36.96 -0.27 0.00	32.77 -0.53 0.00	34.20 -0.36 0.00	36.32 -0.16 0.00	51.42 1.09 0.00	53.66 1.10 0.00	52.11 1.18 0.00	54.44 2.80 0.00	59.05 4.00 0.00	73.72 3.83 -10.86	96.75 3.57 -27.37	101.13 3.55 -32.86	76.78 3.85 -13.37	67.77 3.58 -2.58	58.55 1.44 0.00	104.03 0.62 0.00	101.64 0.48 0.00	87.30 1.81 -0.46	76.11 1.96 0.00	66.80 0.94 0.00	77.66 1.82 0.00	60.66 3.36 0.00
LOCKPORT___CC1 323769	51.34 2.14 1.99	43.49 0.16 0.00	36.80 -0.43 0.00	32.62 -0.68 0.00	34.06 -0.51 0.00	36.16 -0.32 0.00	51.19 0.85 0.00	53.46 0.89 0.00	51.92 0.99 0.00	54.23 2.58 0.00	58.81 3.77 0.00	73.05 3.59 -10.42	95.40 3.32 -26.27	99.54 3.28 -31.54	75.98 3.59 -12.83	67.36 3.28 -2.48	58.26 1.15 0.00	103.50 0.09 0.00	101.14 -0.02 0.00	86.77 1.35 -0.38	75.71 1.56 0.00	66.46 0.60 0.00	77.28 1.44 0.00	60.32 3.02 0.00
LOCKPORT___CC2 323770	51.34 2.14 1.99	43.49 0.16 0.00	36.80 -0.43 0.00	32.62 -0.68 0.00	34.06 -0.51 0.00	36.16 -0.32 0.00	51.19 0.85 0.00	53.46 0.89 0.00	51.92 0.99 0.00	54.23 2.58 0.00	58.81 3.77 0.00	73.05 3.59 -10.42	95.40 3.32 -26.27	99.54 3.28 -31.54	75.98 3.59 -12.83	67.36 3.28 -2.48	58.26 1.15 0.00	103.50 0.09 0.00	101.14 -0.02 0.00	86.77 1.35 -0.38	75.71 1.56 0.00	66.46 0.60 0.00	77.28 1.44 0.00	60.32 3.02 0.00
LOCKPORT___CC3 323771	51.34 2.14 1.99	43.49 0.16 0.00	36.80 -0.43 0.00	32.62 -0.68 0.00	34.06 -0.51 0.00	36.16 -0.32 0.00	51.19 0.85 0.00	53.46 0.89 0.00	51.92 0.99 0.00	54.23 2.58 0.00	58.81 3.77 0.00	73.05 3.59 -10.42	95.40 3.32 -26.27	99.54 3.28 -31.54	75.98 3.59 -12.83	67.36 3.28 -2.48	58.26 1.15 0.00	103.50 0.09 0.00	101.14 -0.02 0.00	86.77 1.35 -0.38	75.71 1.56 0.00	66.46 0.60 0.00	77.28 1.44 0.00	60.32 3.02 0.00
LOCUSVLY_69_KV_BK2 55797	52.34 1.14 0.00	44.44 1.10 0.00	38.16 0.93 0.00	34.15 0.85 0.00	35.39 0.83 0.00	37.26 0.78 0.00	50.76 0.42 0.00	53.19 0.62 0.00	52.01 1.08 0.00	52.85 1.21 0.00	57.03 1.82 -0.17	60.85 1.81 0.00	68.08 2.33 0.07	68.01 3.62 0.33	62.97 3.55 0.13	65.97 4.42 0.06	61.72 4.61 0.00	111.16 7.74 0.00	107.79 6.64 0.00	90.12 5.09 0.00	77.66 3.51 0.00	68.08 2.22 0.00	76.59 0.75 0.00	57.61 0.31 0.00
LONG_LAKE_PHOENIX 24014	50.76 -0.60 -0.16	42.66 -0.67 0.00	36.59 -0.73 -0.09	32.62 -0.68 0.00	33.89 -0.67 0.00	35.83 -0.65 0.00	49.63 -0.70 0.00	52.01 -0.75 -0.20	51.56 -0.78 -1.40	51.08 -0.56 0.00	54.66 -0.39 0.00	58.54 -0.49 0.00	65.34 -0.47 0.00	64.49 -0.23 0.00	59.57 0.01 0.00	61.70 0.09 0.00	57.14 0.03 0.00	103.30 -0.11 0.00	102.26 0.12 -0.99	95.78 0.46 -10.28	81.36 0.29 -6.92	70.08 -0.06 -4.28	76.34 -0.50 -1.00	56.87 -0.42 0.00
LOVETT___3 23632	51.76 0.56 0.00	43.96 0.62 0.00	37.74 0.51 0.00	33.82 0.52 0.00	35.08 0.52 0.00	36.92 0.45 0.00	50.54 0.21 0.00	52.89 0.32 0.00	51.66 0.73 0.00	52.32 0.67 0.00	55.83 0.79 0.00	60.03 1.00 0.00	66.96 1.14 0.00	66.75 2.03 0.00	62.06 2.50 0.00	64.77 3.16 0.00	60.50 3.39 0.00	109.24 5.82 0.00	106.11 4.95 0.00	88.87 3.84 0.00	76.90 2.75 0.00	67.54 1.69 0.00	76.39 0.56 0.00	57.37 0.07 0.00
LOVETT___4 23642	51.76 0.56 0.00	43.96 0.62 0.00	37.74 0.51 0.00	33.82 0.52 0.00	35.08 0.52 0.00	36.92 0.45 0.00	50.54 0.21 0.00	52.89 0.32 0.00	51.66 0.73 0.00	52.32 0.67 0.00	55.83 0.79 0.00	60.03 1.00 0.00	66.96 1.14 0.00	66.75 2.03 0.00	62.06 2.50 0.00	64.77 3.16 0.00	60.50 3.39 0.00	109.24 5.82 0.00	106.11 4.95 0.00	88.87 3.84 0.00	76.90 2.75 0.00	67.54 1.69 0.00	76.39 0.56 0.00	57.37 0.07 0.00
LOVETT___5 23593	51.76 0.56 0.00	43.96 0.62 0.00	37.74 0.51 0.00	33.82 0.52 0.00	35.08 0.52 0.00	36.92 0.45 0.00	50.54 0.21 0.00	52.89 0.32 0.00	51.66 0.73 0.00	52.32 0.67 0.00	55.83 0.79 0.00	60.03 1.00 0.00	66.96 1.14 0.00	66.75 2.03 0.00	62.06 2.50 0.00	64.77 3.16 0.00	60.50 3.39 0.00	109.24 5.82 0.00	106.11 4.95 0.00	88.87 3.84 0.00	76.90 2.75 0.00	67.54 1.69 0.00	76.39 0.56 0.00	57.37 0.07 0.00
LOWER RAQUET___HYD 24057	53.90 1.63 -1.08	44.45 1.12 0.00	38.34 1.11 -0.01	34.26 0.95 0.00	35.42 0.86 0.00	37.53 1.05 0.00	52.24 1.91 0.00	54.75 2.17 -0.02	52.73 1.68 -0.12	52.58 0.93 0.00	55.92 0.87 0.00	59.88 0.84 0.00	66.50 0.68 0.00	63.75 -0.97 0.00	57.65 -1.90 0.00	59.32 -2.29 0.00	54.83 -2.28 0.00	99.66 -3.76 0.00	98.42 -2.83 -0.08	84.11 -1.80 -0.88	74.05 -0.69 -0.59	66.04 -0.17 -0.37	77.60 1.67 -0.08	60.64 1.90 -1.45
LOWER___HUDSON 24059	52.36 1.17 0.00	44.43 1.10 0.00	38.21 0.98 0.00	34.27 0.97 0.00	35.55 0.99 0.00	37.44 0.96 0.00	51.19 0.86 0.00	53.41 0.84 0.00	51.69 0.76 0.00	52.14 0.50 0.00	55.12 0.07 0.00	59.30 0.26 0.00	66.28 0.46 0.00	65.88 1.16 0.00	60.97 1.41 0.00	63.37 1.76 0.00	58.89 1.78 0.00	107.31 3.90 0.00	104.94 3.79 0.00	88.26 3.23 0.00	76.48 2.32 0.00	67.64 1.79 0.00	77.53 1.69 0.00	58.04 0.74 0.00
LOWVILLE_115KV_TB2 356335	52.22 0.69 -0.34	43.67 0.34 0.00	37.43 0.18 -0.02	33.50 0.19 0.00	34.87 0.31 0.00	37.33 0.85 0.00	52.39 2.06 0.00	55.13 2.52 -0.04	53.51 2.30 -0.28	53.76 2.12 0.00	57.10 2.05 0.00	60.84 1.81 0.00	67.72 1.91 0.00	66.08 1.36 0.00	60.57 1.02 0.00	62.85 1.23 0.00	58.39 1.28 0.00	106.74 3.32 0.00	105.90 4.55 -0.20	92.15 5.06 -2.06	80.52 4.98 -1.38	71.09 4.38 -0.86	81.63 5.60 -0.20	61.86 4.15 -0.41
LUTHERFT_115KV_GLOB_FND_222 355753	53.23 2.03 0.00	45.04 1.71 0.00	38.72 1.49 0.00	34.73 1.42 0.00	36.03 1.47 0.00	37.99 1.51 0.00	52.09 1.76 0.00	54.33 1.77 0.00	52.51 1.58 0.00	52.95 1.31 0.00	55.98 0.93 0.00	60.23 1.20 0.00	67.41 1.59 0.00	66.95 2.23 0.00	61.98 2.43 0.00	64.51 2.90 0.00	60.03 2.92 0.00	109.62 6.20 0.00	107.46 6.30 0.00	90.61 5.57 0.00	78.32 4.17 0.00	69.15 3.29 0.00	79.20 3.36 0.00	59.32 2.02 0.00

LUTHERNY_35_KV_BK2 355980	53.27 2.08 0.00	45.06 1.73 0.00	38.75 1.52 0.00	34.74 1.44 0.00	36.06 1.50 0.00	38.00 1.53 0.00	52.14 1.81 0.00	54.39 1.82 0.00	52.57 1.64 0.00	53.01 1.36 0.00	56.04 0.99 0.00	60.30 1.27 0.00	67.50 1.69 0.00	67.03 2.31 0.00	62.06 2.50 0.00	64.59 2.98 0.00	60.14 3.03 0.00	109.78 6.37 0.00	107.65 6.49 0.00	90.73 5.69 0.00	78.39 4.24 0.00	69.18 3.33 0.00	79.26 3.42 0.00	59.38 2.08 0.00
LWR___OSWEGATCHIE_HYD 23850	53.23 1.28 -0.75	44.14 0.81 0.00	37.96 0.72 -0.02	33.93 0.62 0.00	35.20 0.64 0.00	37.49 1.01 0.00	52.41 2.07 0.00	55.03 2.43 -0.03	53.19 2.02 -0.24	53.21 1.57 0.00	56.58 1.54 0.00	60.39 1.35 0.00	67.09 1.28 0.00	64.81 0.09 0.00	59.02 -0.54 0.00	60.97 -0.64 0.00	56.53 -0.58 0.00	103.00 -0.41 0.00	102.13 0.81 -0.17	88.48 1.69 -1.75	77.58 2.25 -1.18	68.81 2.22 -0.73	79.89 3.88 -0.17	61.47 3.19 -0.98
LYONS_FALL_HYD 23570	52.39 0.96 -0.22	43.95 0.61 0.00	37.67 0.43 -0.01	33.71 0.41 0.00	35.06 0.50 0.00	37.36 0.88 0.00	52.12 1.78 0.00	54.67 2.08 -0.03	53.00 1.86 -0.21	53.39 1.75 0.00	56.77 1.72 0.00	60.59 1.56 0.00	67.56 1.75 0.00	66.24 1.52 0.00	60.92 1.36 0.00	63.20 1.58 0.00	58.70 1.59 0.00	107.08 3.67 0.00	105.87 4.57 -0.15	91.23 4.68 -1.52	79.61 4.43 -1.02	70.27 3.78 -0.63	80.48 4.50 -0.15	60.89 3.32 -0.27
MADISON___COUNTY_LFGE 323628	52.81 1.53 -0.09	44.45 1.12 0.00	38.09 0.85 -0.02	34.04 0.73 0.00	35.37 0.81 0.00	37.46 0.98 0.00	51.90 1.57 0.00	54.16 1.57 -0.03	52.47 1.31 -0.23	52.94 1.30 0.00	56.23 1.19 0.00	60.02 0.98 0.00	67.12 1.31 0.00	66.31 1.59 0.00	61.34 1.79 0.00	63.68 2.07 0.00	59.09 1.98 0.00	107.50 4.08 0.00	105.92 4.60 -0.16	91.11 4.38 -1.70	79.22 3.93 -1.14	69.62 3.06 -0.71	79.00 3.00 -0.16	59.85 2.47 -0.08
MALONE___115KV_TB1 356076	52.70 1.16 -0.34	44.14 0.81 0.00	38.05 0.82 0.00	34.01 0.70 0.00	35.21 0.65 0.00	37.20 0.72 0.00	51.74 1.40 0.00	54.51 1.94 0.00	52.67 1.74 0.00	53.19 1.55 0.00	56.68 1.63 0.00	60.79 1.76 0.00	67.61 1.79 0.00	65.56 0.84 0.00	59.59 0.04 0.00	61.38 -0.23 0.00	56.71 -0.40 0.00	102.98 -0.43 0.00	101.35 0.19 0.00	85.64 0.61 0.00	75.28 1.13 0.00	67.00 1.15 0.00	77.95 2.11 0.00	59.77 2.01 -0.46
MAPLEWOD_115KV_TB3 80458	51.91 0.72 0.00	44.14 0.80 0.00	37.97 0.74 0.00	34.04 0.73 0.00	35.29 0.73 0.00	37.17 0.69 0.00	50.79 0.45 0.00	52.96 0.39 0.00	51.30 0.38 0.00	51.82 0.18 0.00	54.83 -0.22 0.00	58.95 -0.09 0.00	65.89 0.08 0.00	65.59 0.87 0.00	60.73 1.17 0.00	63.10 1.49 0.00	58.70 1.59 0.00	106.71 3.30 0.00	104.25 3.09 0.00	87.59 2.56 0.00	76.00 1.85 0.00	67.16 1.31 0.00	76.84 1.00 0.00	57.56 0.26 0.00
MAPLE_RIDGE_WT_1 323574	50.38 -0.82 0.00	42.74 -0.59 0.00	36.74 -0.48 0.00	32.90 -0.40 0.00	34.11 -0.45 0.00	36.07 -0.41 0.00	50.05 -0.28 0.00	52.55 -0.02 0.00	51.05 0.12 0.00	51.71 0.07 0.00	55.05 0.00 0.00	58.97 -0.07 0.00	65.67 -0.15 0.00	64.40 -0.32 0.00	59.14 -0.42 0.00	61.15 -0.46 0.00	56.61 -0.51 0.00	102.62 -0.79 0.00	100.50 -0.66 0.00	84.51 -0.53 0.00	73.79 -0.36 0.00	65.61 -0.25 0.00	75.73 -0.11 0.00	57.27 -0.03 0.00
MAPLE_RIDGE_WT_2 323611	50.38 -0.82 0.00	42.74 -0.59 0.00	36.74 -0.48 0.00	32.90 -0.40 0.00	34.11 -0.45 0.00	36.07 -0.41 0.00	50.05 -0.28 0.00	52.55 -0.02 0.00	51.05 0.12 0.00	51.71 0.07 0.00	55.05 0.00 0.00	58.97 -0.07 0.00	65.67 -0.15 0.00	64.40 -0.32 0.00	59.14 -0.42 0.00	61.15 -0.46 0.00	56.61 -0.51 0.00	102.62 -0.79 0.00	100.50 -0.66 0.00	84.51 -0.53 0.00	73.79 -0.36 0.00	65.61 -0.25 0.00	75.73 -0.11 0.00	57.27 -0.03 0.00
MARBLE_RIVER_WT_PWR 323696	51.36 0.16 0.00	43.33 0.00 0.00	37.39 0.16 0.00	33.46 0.16 0.00	34.65 0.09 0.00	36.53 0.05 0.00	50.64 0.30 0.00	53.35 0.79 0.00	51.71 0.78 0.00	52.39 0.75 0.00	55.85 0.81 0.00	59.91 0.88 0.00	66.68 0.86 0.00	64.72 0.01 0.00	58.98 -0.58 0.00	60.84 -0.78 0.00	56.20 -0.91 0.00	101.98 -1.43 0.00	99.90 -1.25 0.00	84.10 -0.94 0.00	73.72 -0.43 0.00	65.69 -0.17 0.00	76.37 0.53 0.00	57.88 0.58 0.00
MARSHVLE_115KV_TB1 80742	53.85 2.65 0.00	45.31 1.98 0.00	38.75 1.52 0.00	34.59 1.28 0.00	35.91 1.35 0.00	38.02 1.54 0.00	52.89 2.56 0.00	54.81 2.25 0.00	52.42 1.50 0.00	53.09 1.45 0.00	56.82 1.77 0.00	60.93 1.89 0.00	67.94 2.12 0.00	66.75 2.03 0.00	61.39 1.83 0.00	63.42 1.81 0.00	58.70 1.59 0.00	106.66 3.24 0.00	105.91 4.75 0.00	90.53 5.50 0.00	79.29 5.14 0.00	70.14 4.28 0.00	80.37 4.53 0.00	60.89 3.59 0.00
MARSH_HILL_WT_PWR 323713	52.36 1.14 -0.02	43.19 -0.14 0.00	36.74 -0.50 -0.01	32.58 -0.72 0.00	34.21 -0.35 0.00	36.29 -0.18 0.00	51.16 0.83 0.00	53.52 0.93 -0.03	52.04 0.93 -0.18	53.55 1.91 0.00	57.87 2.82 0.00	66.30 2.65 -4.62	80.25 2.80 -11.64	81.71 3.03 -13.97	68.82 3.58 -5.69	66.33 3.62 -1.10	59.87 2.76 0.00	107.24 3.82 0.00	105.86 4.58 -0.13	91.66 5.22 -1.40	79.71 4.68 -0.88	70.03 3.62 -0.55	79.54 3.57 -0.13	60.96 3.66 0.00
MCINTYRE_115KV_TB2 80467	55.27 2.87 -1.20	45.54 2.21 0.00	39.30 2.07 0.00	35.12 1.81 0.00	36.35 1.79 0.00	38.50 2.02 0.00	53.56 3.22 0.00	55.85 3.28 0.00	53.30 2.36 0.00	53.23 1.59 0.00	56.61 1.56 0.00	60.64 1.61 0.00	67.37 1.56 0.00	64.80 0.09 0.00	58.74 -0.82 0.00	60.37 -1.25 0.00	56.01 -1.10 0.00	101.34 -2.08 0.00	100.66 -0.50 0.00	85.88 0.85 0.00	76.12 1.97 0.00	68.06 2.20 0.00	80.02 4.18 0.00	62.61 3.69 -1.63
MECO_____69_KV_BK1 80468	54.50 3.31 0.00	45.93 2.60 0.00	39.30 2.07 0.00	35.10 1.79 0.00	36.43 1.87 0.00	38.54 2.06 0.00	53.37 3.03 0.00	55.20 2.63 0.00	52.44 1.51 0.00	52.65 1.01 0.00	55.97 0.92 0.00	60.01 0.97 0.00	67.06 1.24 0.00	66.23 1.52 0.00	61.12 1.57 0.00	63.46 1.85 0.00	59.07 1.96 0.00	108.26 4.84 0.00	108.03 6.87 0.00	92.70 7.66 0.00	80.98 6.83 0.00	71.46 5.60 0.00	81.61 5.77 0.00	61.46 4.16 0.00
MENANDS___115KV_TB5 355628	51.44 0.25 0.00	43.78 0.45 0.00	37.70 0.48 0.00	33.82 0.51 0.00	35.06 0.50 0.00	36.92 0.44 0.00	50.37 0.04 0.00	52.51 -0.05 0.00	50.90 -0.03 0.00	51.41 -0.24 0.00	54.37 -0.68 0.00	58.43 -0.61 0.00	65.28 -0.53 0.00	64.95 0.23 0.00	60.15 0.60 0.00	62.46 0.85 0.00	58.09 0.98 0.00	105.50 2.09 0.00	103.00 1.84 0.00	86.49 1.46 0.00	75.07 0.92 0.00	66.37 0.51 0.00	75.98 0.14 0.00	56.94 -0.36 0.00
MG INDUSTRY___DRP 24185	50.43 -0.77 0.00	42.98 -0.35 0.00	37.00 -0.23 0.00	33.17 -0.13 0.00	34.36 -0.20 0.00	36.19 -0.28 0.00	49.44 -0.89 0.00	51.42 -1.15 0.00	49.67 -1.26 0.00	50.08 -1.56 0.00	53.08 -1.96 0.00	57.00 -2.04 0.00	63.63 -2.19 0.00	63.16 -1.55 0.00	58.38 -1.18 0.00	60.53 -1.08 0.00	56.29 -0.82 0.00	102.25 -1.17 0.00	99.99 -1.17 0.00	84.09 -0.95 0.00	73.22 -0.93 0.00	64.81 -1.05 0.00	74.30 -1.54 0.00	55.82 -1.48 0.00

MID___OSWEGATCHIE_HYD 23849	53.23 1.28 -0.75	44.14 0.81 0.00	37.96 0.72 -0.02	33.93 0.62 0.00	35.20 0.64 0.00	37.49 1.01 0.00	52.41 2.07 0.00	55.03 2.43 -0.03	53.19 2.02 -0.24	53.21 1.57 0.00	56.58 1.54 0.00	60.39 1.35 0.00	67.09 1.28 0.00	64.81 0.09 0.00	59.02 -0.54 0.00	60.97 -0.64 0.00	56.53 -0.58 0.00	103.00 -0.41 0.00	102.13 0.81 -0.17	88.48 1.69 -1.75	77.58 2.25 -1.18	68.81 2.22 -0.73	79.89 3.88 -0.17	61.47 3.19 -0.98
MID___RAQUETTE_HYD 23851	53.91 1.62 -1.08	44.45 1.12 0.00	38.34 1.11 -0.01	34.26 0.95 0.00	35.42 0.86 0.00	37.53 1.05 0.00	52.25 1.91 0.00	54.75 2.17 -0.02	52.73 1.68 -0.12	52.58 0.93 0.00	55.92 0.88 0.00	59.88 0.84 0.00	66.50 0.68 0.00	63.75 -0.97 0.00	57.65 -1.90 0.00	59.32 -2.29 0.00	54.84 -2.27 0.00	99.65 -3.76 0.00	98.42 -2.83 -0.08	84.11 -1.80 -0.88	74.05 -0.69 -0.59	66.05 -0.17 -0.37	77.60 1.67 -0.08	60.64 1.90 -1.45
MILLIKEN___1 23584	52.49 1.23 -0.06	44.09 0.76 0.00	37.79 0.53 -0.03	33.69 0.38 0.00	35.07 0.51 0.00	37.09 0.61 0.00	51.45 1.11 0.00	53.81 1.17 -0.07	52.34 0.92 -0.49	52.72 1.08 0.00	56.42 1.37 0.00	60.31 1.28 0.00	67.49 1.67 0.00	66.72 2.01 0.00	61.82 2.27 0.00	63.96 2.35 0.00	59.24 2.13 0.00	107.15 3.74 0.00	105.88 4.37 -0.35	93.27 4.64 -3.60	80.57 4.00 -2.42	70.43 3.08 -1.50	79.00 2.81 -0.35	59.34 2.04 0.00
MILLIKEN___2 23585	52.49 1.23 -0.06	44.09 0.76 0.00	37.79 0.53 -0.03	33.69 0.38 0.00	35.07 0.51 0.00	37.09 0.61 0.00	51.45 1.11 0.00	53.81 1.17 -0.07	52.34 0.92 -0.49	52.72 1.08 0.00	56.42 1.37 0.00	60.31 1.28 0.00	67.49 1.67 0.00	66.72 2.01 0.00	61.82 2.27 0.00	63.96 2.35 0.00	59.24 2.13 0.00	107.15 3.74 0.00	105.88 4.37 -0.35	93.27 4.64 -3.60	80.57 4.00 -2.42	70.43 3.08 -1.50	79.00 2.81 -0.35	59.34 2.04 0.00
MILLIKEN___DIESEL 23629	52.49 1.23 -0.06	44.09 0.76 0.00	37.79 0.53 -0.03	33.69 0.38 0.00	35.07 0.51 0.00	37.09 0.61 0.00	51.45 1.11 0.00	53.81 1.17 -0.07	52.34 0.92 -0.49	52.72 1.08 0.00	56.42 1.37 0.00	60.31 1.28 0.00	67.49 1.67 0.00	66.72 2.01 0.00	61.82 2.27 0.00	63.96 2.35 0.00	59.24 2.13 0.00	107.15 3.74 0.00	105.88 4.37 -0.35	93.27 4.64 -3.60	80.57 4.00 -2.42	70.43 3.08 -1.50	79.00 2.81 -0.35	59.34 2.04 0.00
MILLSEAT___LFGE 323607	52.92 3.53 1.80	44.72 1.38 0.00	37.84 0.61 0.00	33.56 0.26 0.00	35.03 0.46 0.00	37.22 0.74 0.00	52.63 2.30 0.00	55.00 2.44 0.00	53.31 2.38 0.00	55.45 3.81 0.00	59.81 4.76 0.00	76.29 4.49 -12.75	102.62 4.65 -32.15	108.01 4.69 -38.60	80.35 5.08 -15.70	69.47 4.83 -3.03	59.70 2.59 0.00	106.55 3.13 0.00	104.33 3.18 0.00	89.72 4.31 -0.37	78.25 4.09 0.00	68.62 2.76 0.00	79.50 3.66 0.00	62.15 4.84 -0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.92 0.72 0.00	44.12 0.79 0.00	37.88 0.66 0.00	33.96 0.66 0.00	35.21 0.65 0.00	37.06 0.58 0.00	50.70 0.36 0.00	52.98 0.42 0.00	51.75 0.82 0.00	52.41 0.76 0.00	55.93 0.88 0.00	60.15 1.12 0.00	67.11 1.30 0.00	66.95 2.23 0.00	62.20 2.64 0.00	64.92 3.30 0.00	60.60 3.49 0.00	109.44 6.03 0.00	106.30 5.15 0.00	89.05 4.02 0.00	77.05 2.90 0.00	67.68 1.82 0.00	76.55 0.71 0.00	57.49 0.19 0.00
MILLWOOD_13_KV_LOAD 356217	52.02 0.83 0.00	44.20 0.87 0.00	37.96 0.73 0.00	34.02 0.72 0.00	35.26 0.70 0.00	37.12 0.64 0.00	50.79 0.46 0.00	53.08 0.52 0.00	51.85 0.91 0.00	52.51 0.87 0.00	56.04 1.00 0.00	60.28 1.25 0.00	67.28 1.46 0.00	67.11 2.39 0.00	62.38 2.82 0.00	65.10 3.49 0.00	60.77 3.66 0.00	109.77 6.35 0.00	106.62 5.46 0.00	89.31 4.27 0.00	77.30 3.15 0.00	67.87 2.02 0.00	76.76 0.92 0.00	57.62 0.33 0.00
MODEL_CITY_ENERGY 24167	51.11 2.02 2.11	43.40 0.07 0.00	36.73 -0.50 0.00	32.57 -0.73 0.00	34.00 -0.56 0.00	36.10 -0.38 0.00	51.09 0.75 0.00	53.26 0.70 0.00	51.70 0.77 0.00	54.05 2.40 0.00	58.64 3.59 0.00	72.20 3.37 -9.79	93.56 3.05 -24.69	97.38 3.02 -29.65	74.92 3.31 -12.06	66.93 3.00 -2.33	57.97 0.86 0.00	102.94 -0.48 0.00	100.52 -0.64 0.00	86.16 0.83 -0.29	75.30 1.15 0.00	66.15 0.29 0.00	76.99 1.15 0.00	60.25 2.94 0.00
MODERN_LFGE___ 323580	51.11 2.02 2.11	43.40 0.07 0.00	36.73 -0.50 0.00	32.57 -0.73 0.00	34.00 -0.56 0.00	36.10 -0.38 0.00	51.09 0.75 0.00	53.26 0.70 0.00	51.70 0.77 0.00	54.05 2.40 0.00	58.64 3.59 0.00	72.20 3.37 -9.79	93.56 3.05 -24.69	97.38 3.02 -29.65	74.92 3.31 -12.06	66.93 3.00 -2.33	57.97 0.86 0.00	102.94 -0.48 0.00	100.52 -0.64 0.00	86.16 0.83 -0.29	75.30 1.15 0.00	66.15 0.29 0.00	76.99 1.15 0.00	60.25 2.94 0.00
MOHAWK_PAPER___DRP 24187	51.91 0.72 0.00	44.14 0.80 0.00	37.97 0.74 0.00	34.04 0.73 0.00	35.29 0.73 0.00	37.17 0.69 0.00	50.79 0.45 0.00	52.96 0.39 0.00	51.30 0.38 0.00	51.82 0.18 0.00	54.83 -0.22 0.00	58.95 -0.09 0.00	65.89 0.08 0.00	65.59 0.87 0.00	60.73 1.17 0.00	63.10 1.49 0.00	58.70 1.59 0.00	106.71 3.30 0.00	104.25 3.09 0.00	87.59 2.56 0.00	76.00 1.85 0.00	67.16 1.31 0.00	76.84 1.00 0.00	57.56 0.26 0.00
MOHICAN___35_KV_115KV_LD 80490	53.62 2.42 0.00	45.21 1.88 0.00	38.97 1.74 0.00	35.04 1.73 0.00	36.36 1.80 0.00	38.33 1.85 0.00	52.54 2.21 0.00	54.91 2.34 0.00	53.04 2.11 0.00	53.34 1.69 0.00	56.14 1.09 0.00	60.43 1.40 0.00	67.80 1.99 0.00	67.34 2.63 0.00	62.36 2.81 0.00	65.15 3.54 0.00	60.67 3.56 0.00	111.36 7.95 0.00	109.28 8.12 0.00	92.47 7.44 0.00	79.24 5.09 0.00	69.90 4.04 0.00	80.17 4.33 0.00	59.89 2.59 0.00
MONGAUP___HYD 23641	52.52 1.32 0.00	44.54 1.21 0.00	38.18 0.95 0.00	34.19 0.88 0.00	35.45 0.89 0.00	37.34 0.86 0.00	51.42 1.08 0.00	53.50 0.94 0.00	51.80 0.87 0.00	52.15 0.50 0.00	55.41 0.36 0.00	59.55 0.52 0.00	66.51 0.70 0.00	66.27 1.55 0.00	61.68 2.13 0.00	64.33 2.72 0.00	60.20 3.09 0.00	109.45 6.04 0.00	107.26 6.11 0.00	90.55 5.51 0.00	78.54 4.39 0.00	69.04 3.18 0.00	78.23 2.39 0.00	58.65 1.35 0.00
MONTAUK___DIESEL 23721	52.68 1.48 0.00	45.15 1.81 0.00	39.10 1.86 0.00	35.10 1.80 0.00	36.52 1.96 0.00	38.32 1.85 0.00	51.43 1.10 0.00	54.57 2.00 0.00	54.29 3.36 0.00	55.67 4.03 0.00	60.63 5.42 -0.17	84.72 5.46 -20.22	153.65 6.62 -81.21	178.30 7.04 -106.54	270.88 6.22 -205.10	185.45 7.26 -116.58	248.08 7.46 -183.50	259.26 12.21 -143.64	233.20 10.92 -121.12	229.79 8.52 -136.24	80.55 6.39 0.00	71.04 5.18 0.00	79.64 3.81 0.00	60.38 3.09 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	53.56 2.36 0.00	43.70 0.37 0.00	36.94 -0.29 0.00	32.98 -0.32 0.00	34.96 0.40 0.00	37.05 0.58 0.00	52.70 2.36 0.00	55.42 2.85 0.00	53.78 2.85 0.00	56.11 4.46 0.00	61.06 6.02 0.00	72.29 6.06 -7.20	89.88 5.92 -18.15	92.13 5.61 -21.80	74.65 6.23 -8.87	69.66 6.33 -1.71	61.87 4.76 0.00	109.54 6.13 0.00	106.77 5.61 0.00	91.60 6.34 -0.22	79.47 5.32 0.00	69.69 3.84 0.00	80.85 5.01 0.00	62.25 4.95 0.00

MORRIS_RIDGE___SOLAR 323848	52.62 1.41 -0.02	43.37 0.04 0.00	36.82 -0.42 -0.01	32.65 -0.66 0.00	34.15 -0.41 0.00	36.18 -0.30 0.00	51.05 0.72 0.00	53.22 0.64 -0.02	51.49 0.42 -0.13	52.98 1.34 0.00	57.29 2.24 0.00	66.81 1.95 -5.83	82.43 1.92 -14.70	84.43 2.07 -17.65	69.47 2.74 -7.18	65.71 2.72 -1.38	58.69 1.58 0.00	105.06 1.64 0.00	103.66 2.40 -0.09	89.52 3.40 -1.08	77.96 3.14 -0.66	68.48 2.21 -0.41	78.28 2.35 -0.10	60.15 2.86 0.00
MORTIMER_115KV_TB3 55949	53.39 2.19 0.00	44.11 0.78 0.00	37.50 0.27 0.00	33.35 0.04 0.00	34.72 0.16 0.00	36.83 0.35 0.00	51.68 1.34 0.00	54.08 1.52 0.00	52.53 1.60 0.00	54.36 2.72 0.00	58.74 3.70 0.00	83.54 3.90 -20.61	121.96 4.19 -51.95	131.37 4.28 -62.38	89.25 4.31 -25.38	70.76 4.26 -4.89	59.87 2.76 0.00	107.04 3.63 0.00	104.87 3.71 0.00	89.13 4.09 0.00	77.71 3.56 0.00	68.45 2.60 0.00	78.81 2.97 0.00	60.34 3.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	52.11 0.92 0.00	44.31 0.98 0.00	38.07 0.85 0.00	34.15 0.85 0.00	35.38 0.82 0.00	37.24 0.76 0.00	50.91 0.57 0.00	53.15 0.58 0.00	52.00 1.07 0.00	52.67 1.03 0.00	56.23 1.19 0.00	60.48 1.44 0.00	67.47 1.65 0.00	67.30 2.58 0.00	62.59 3.03 0.00	65.29 3.67 0.00	60.95 3.84 0.00	109.99 6.57 0.00	106.69 5.53 0.00	89.34 4.30 0.00	77.32 3.17 0.00	67.79 1.94 0.00	76.62 0.78 0.00	57.55 0.25 0.00
MUNSVILLE_WIND_PWR 323609	54.50 2.60 -0.70	45.59 2.26 0.00	39.22 1.97 -0.02	35.12 1.82 0.00	36.61 2.05 0.00	38.78 2.30 0.00	54.00 3.66 0.00	56.35 3.75 -0.05	54.62 3.37 -0.32	55.27 3.62 0.00	59.15 4.10 0.00	63.47 4.43 0.00	71.10 5.28 0.00	70.42 5.70 0.00	65.48 5.93 0.00	68.02 6.41 0.00	63.28 6.17 0.00	114.68 11.26 0.00	113.70 12.32 -0.22	98.87 11.50 -2.34	85.42 9.69 -1.58	74.70 7.86 -0.97	83.63 7.57 -0.23	62.17 4.87 0.00
N SALMON___HYD 24042	52.70 1.16 -0.34	44.15 0.81 0.00	38.05 0.82 0.00	34.01 0.70 0.00	35.20 0.65 0.00	37.20 0.72 0.00	51.74 1.40 0.00	54.50 1.94 0.00	52.67 1.74 0.00	53.19 1.55 0.00	56.67 1.63 0.00	60.79 1.76 0.00	67.60 1.79 0.00	65.56 0.84 0.00	59.59 0.04 0.00	61.38 -0.23 0.00	56.71 -0.40 0.00	102.98 -0.43 0.00	101.35 0.19 0.00	85.65 0.61 0.00	75.28 1.13 0.00	67.00 1.15 0.00	77.95 2.11 0.00	59.77 2.01 -0.46
N.AKRON__115KV_KNAPP 355671	54.39 3.19 0.00	44.40 1.07 0.00	37.58 0.35 0.00	33.33 0.02 0.00	34.79 0.23 0.00	36.95 0.47 0.00	52.29 1.96 0.00	54.61 2.04 0.00	52.99 2.06 0.00	55.23 3.59 0.00	59.75 4.70 0.00	75.52 4.48 -12.00	100.54 4.47 -30.26	105.55 4.50 -36.33	79.16 4.83 -14.78	69.08 4.61 -2.85	59.49 2.38 0.00	105.97 2.56 0.00	103.71 2.56 0.00	89.15 3.71 -0.41	77.73 3.58 0.00	68.16 2.30 0.00	79.07 3.23 0.00	61.71 4.41 -0.01
N.E_GEN_SANDY PD 24062	53.01 0.64 -1.17	44.03 0.70 0.00	37.84 0.62 0.00	33.96 0.65 0.00	35.20 0.64 0.00	37.53 0.56 -0.48	49.70 0.21 0.84	52.77 0.21 0.00	51.23 0.31 0.00	51.94 0.07 -0.23	57.32 -0.31 -2.59	58.91 -0.12 0.00	64.46 0.02 1.38	65.63 0.91 0.00	60.85 1.30 0.00	63.33 1.71 0.00	58.87 1.76 0.00	107.02 3.60 0.00	104.26 3.10 0.00	84.15 2.45 3.33	75.81 1.66 0.00	61.45 1.04 5.44	78.66 0.63 -2.20	56.85 -0.08 0.37
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.87 0.67 0.00	44.05 0.72 0.00	37.81 0.58 0.00	33.88 0.57 0.00	35.12 0.56 0.00	36.97 0.49 0.00	50.63 0.30 0.00	53.00 0.44 0.00	51.77 0.83 0.00	52.46 0.82 0.00	56.02 0.97 0.00	60.25 1.22 0.00	67.21 1.40 0.00	67.03 2.31 0.00	62.33 2.77 0.00	65.08 3.47 0.00	60.80 3.68 0.00	109.78 6.37 0.00	106.61 5.45 0.00	89.29 4.25 0.00	77.24 3.09 0.00	67.81 1.96 0.00	76.67 0.83 0.00	57.58 0.28 0.00
N.QUEENS_27_KV_LOAD 356247	52.06 0.86 0.00	44.43 1.10 0.00	38.14 0.91 0.00	34.27 0.96 0.00	35.32 0.75 0.00	37.20 0.72 0.00	50.70 0.37 0.00	52.93 0.37 0.00	51.92 0.99 0.00	52.41 0.77 0.00	55.88 0.84 0.00	60.04 1.01 0.00	67.00 1.12 -0.07	67.18 2.12 -0.34	62.19 2.57 -0.07	64.87 3.23 -0.03	60.63 3.51 0.00	109.22 5.81 0.00	105.83 4.68 0.00	88.69 3.66 0.00	76.73 2.58 0.00	67.32 1.47 0.00	76.14 0.30 0.00	57.28 -0.02 0.00
N.TROY___115KV_TB1 355778	52.37 1.17 0.00	44.43 1.10 0.00	38.21 0.98 0.00	34.27 0.97 0.00	35.55 0.99 0.00	37.44 0.96 0.00	51.19 0.86 0.00	53.41 0.84 0.00	51.69 0.76 0.00	52.14 0.50 0.00	55.12 0.07 0.00	59.29 0.26 0.00	66.28 0.46 0.00	65.89 1.17 0.00	60.97 1.41 0.00	63.37 1.76 0.00	58.89 1.78 0.00	107.32 3.90 0.00	104.94 3.79 0.00	88.26 3.22 0.00	76.48 2.33 0.00	67.64 1.78 0.00	77.53 1.69 0.00	58.04 0.74 0.00
NARROWS_GT1_1 24228	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT1_2 24229	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT1_3 24230	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT1_4 24231	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT1_5 24232	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00

NARROWS_GT1_6 24233	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT1_7 24234	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT1_8 24235	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT2_1 24236	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT2_2 24237	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT2_3 24238	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT2_4 24239	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT2_5 24240	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT2_6 24241	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT2_7 24242	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NARROWS_GT2_8 24243	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.90 0.34 0.00	51.98 1.05 0.00	52.55 0.91 0.00	56.14 1.10 0.00	60.31 1.28 0.00	67.28 1.46 0.00	67.22 2.50 0.00	62.51 2.96 0.00	65.24 3.63 0.00	60.99 3.88 0.00	109.96 6.55 0.00	106.61 5.44 -0.01	89.26 4.21 -0.01	77.21 3.06 -0.01	67.67 1.82 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	52.24 1.04 0.00	44.41 1.08 0.00	38.19 0.97 0.00	34.23 0.93 0.00	35.44 0.88 0.00	37.35 0.87 0.00	51.03 0.70 0.00	53.07 0.51 0.00	51.16 0.22 0.00	51.32 -0.32 0.00	54.20 -0.84 0.00	58.16 -0.87 0.00	65.01 -0.80 0.00	64.79 0.08 0.00	59.98 0.43 0.00	62.27 0.66 0.00	58.00 0.89 0.00	106.00 2.58 0.00	104.37 3.22 0.00	88.20 3.17 0.00	76.75 2.60 0.00	67.71 1.85 0.00	77.37 1.53 0.00	57.94 0.64 0.00
NCHELSEA_115KV_TR2 355582	52.09 0.90 0.00	44.24 0.90 0.00	37.95 0.72 0.00	34.04 0.74 0.00	35.28 0.72 0.00	37.13 0.66 0.00	50.83 0.49 0.00	53.12 0.56 0.00	51.84 0.91 0.00	52.51 0.87 0.00	55.98 0.94 0.00	60.26 1.22 0.00	67.35 1.54 0.00	67.14 2.42 0.00	62.47 2.92 0.00	65.18 3.57 0.00	60.43 3.32 0.00	108.22 4.80 0.00	106.64 5.48 0.00	89.70 4.66 0.00	77.61 3.46 0.00	68.15 2.30 0.00	77.25 1.41 0.00	58.04 0.74 0.00
NEG CAPITAL____MECHNVIL 23645	53.34 2.14 0.00	45.14 1.81 0.00	38.79 1.56 0.00	34.77 1.47 0.00	36.08 1.52 0.00	38.02 1.55 0.00	52.15 1.81 0.00	54.40 1.83 0.00	52.60 1.67 0.00	53.08 1.43 0.00	56.14 1.10 0.00	60.44 1.41 0.00	67.66 1.84 0.00	67.23 2.51 0.00	62.28 2.72 0.00	64.81 3.20 0.00	60.31 3.20 0.00	110.08 6.67 0.00	107.88 6.72 0.00	90.90 5.86 0.00	78.57 4.42 0.00	69.34 3.48 0.00	79.36 3.52 0.00	59.41 2.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	51.39 0.94 0.75	43.25 -0.08 0.00	36.81 -0.42 0.00	32.76 -0.54 0.00	34.10 -0.46 0.00	36.16 -0.32 0.00	50.61 0.28 0.00	52.97 0.41 0.00	51.41 0.48 0.00	53.04 1.40 0.00	57.33 2.29 0.00	47.02 2.47 14.49	32.02 2.74 36.53	23.74 2.89 43.86	44.69 2.98 17.85	61.12 2.95 3.44	58.86 1.74 0.00	105.59 2.17 0.00	103.41 2.25 0.00	87.76 2.73 0.00	76.44 2.29 0.00	67.30 1.44 0.00	77.31 1.47 0.00	58.95 1.66 0.00

NEG CENTRAL___DRP 24199	52.39 1.13 -0.06	43.81 0.48 0.00	37.47 0.21 -0.03	33.34 0.03 0.00	34.74 0.18 0.00	36.75 0.27 0.00	51.11 0.78 0.00	53.52 0.89 -0.07	52.17 0.75 -0.49	52.85 1.21 0.00	56.87 1.83 0.00	56.08 1.87 4.82	55.84 2.18 12.16	52.60 2.48 14.60	56.26 2.65 5.94	63.28 2.82 1.15	59.38 2.27 0.00	106.97 3.55 0.00	105.14 3.63 -0.35	92.69 4.05 -3.61	80.17 3.58 -2.43	70.10 2.73 -1.51	78.60 2.41 -0.35	59.30 2.00 0.00
NEG CENTRAL___INDECK 23768	53.45 2.26 0.00	44.13 0.80 0.00	37.46 0.23 0.00	33.23 -0.08 0.00	34.73 0.17 0.00	36.90 0.42 0.00	52.09 1.75 0.00	54.29 1.73 0.00	52.18 1.25 0.00	53.55 1.91 0.00	57.99 2.94 0.00	71.55 2.03 -10.49	92.76 0.50 -26.45	97.43 0.96 -31.75	74.19 1.72 -12.92	65.94 1.84 -2.49	58.36 1.25 0.00	103.30 -0.12 0.00	102.29 1.13 0.00	87.24 2.21 0.00	76.56 2.41 0.00	67.76 1.91 0.00	77.45 1.61 0.00	61.76 4.46 0.00
NEG CENTRAL___SENECA 23627	52.74 1.51 -0.03	44.03 0.69 0.00	37.64 0.40 -0.02	33.46 0.15 0.00	34.90 0.34 0.00	36.93 0.46 0.00	51.48 1.15 0.00	53.87 1.27 -0.04	52.32 1.12 -0.27	53.33 1.69 0.00	57.49 2.45 0.00	53.33 2.51 8.22	48.00 2.89 20.71	43.01 3.16 24.87	52.85 3.41 10.12	63.25 3.59 1.95	59.99 2.88 0.00	107.87 4.46 0.00	105.74 4.39 -0.19	91.91 4.87 -2.01	79.92 4.42 -1.35	70.10 3.41 -0.84	79.11 3.08 -0.19	59.98 2.68 0.00
NEG CENTRAL___STATE_STREET 24147	52.20 0.93 -0.07	43.71 0.37 0.00	37.47 0.20 -0.04	33.32 0.02 0.00	34.77 0.21 0.00	36.78 0.31 0.00	50.90 0.56 0.00	53.41 0.75 -0.09	52.17 0.59 -0.65	52.54 0.89 0.00	56.37 1.33 0.00	60.14 1.11 0.00	67.37 1.56 0.00	66.60 1.88 0.00	61.42 1.86 0.00	63.54 1.93 0.00	58.70 1.59 0.00	106.11 2.70 0.00	104.77 3.16 -0.46	93.48 3.70 -4.75	80.57 3.22 -3.20	70.20 2.36 -1.98	78.41 2.11 -0.46	58.81 1.51 0.00
NEG MILLWOOD___DRP 24198	52.44 1.24 0.00	44.51 1.18 0.00	38.19 0.96 0.00	34.23 0.92 0.00	35.47 0.91 0.00	37.36 0.88 0.00	51.13 0.79 0.00	53.44 0.88 0.00	52.19 1.26 0.00	52.90 1.26 0.00	56.46 1.42 0.00	60.80 1.77 0.00	67.96 2.14 0.00	67.82 3.11 0.00	63.10 3.54 0.00	65.87 4.26 0.00	61.34 4.23 0.00	110.53 7.12 0.00	107.94 6.78 0.00	90.52 5.49 0.00	78.28 4.12 0.00	68.66 2.81 0.00	77.71 1.87 0.00	58.27 0.97 0.00
NEG NORTH_FLCN_SEA 23793	51.33 0.14 0.00	43.34 0.00 0.00	37.44 0.21 0.00	33.66 0.36 0.00	34.84 0.28 0.00	36.57 0.09 0.00	50.58 0.24 0.00	53.33 0.77 0.00	51.66 0.73 0.00	52.34 0.69 0.00	55.85 0.80 0.00	59.96 0.93 0.00	66.79 0.98 0.00	64.85 0.13 0.00	59.03 -0.52 0.00	60.97 -0.63 0.00	56.36 -0.75 0.00	102.30 -1.11 0.00	100.09 -1.07 0.00	84.40 -0.63 0.00	73.91 -0.24 0.00	65.79 -0.07 0.00	76.51 0.67 0.00	57.92 0.62 0.00
NEG NORTH_KES_CHATEGAY 23792	51.56 0.26 -0.10	43.44 0.10 0.00	37.47 0.24 0.00	33.50 0.19 0.00	34.70 0.13 0.00	36.62 0.13 0.00	50.82 0.48 0.00	53.51 0.95 0.00	51.79 0.86 0.00	52.46 0.81 0.00	55.90 0.85 0.00	59.95 0.92 0.00	66.70 0.88 0.00	64.71 -0.01 0.00	58.93 -0.62 0.00	60.74 -0.87 0.00	56.10 -1.01 0.00	101.83 -1.59 0.00	99.91 -1.25 0.00	84.24 -0.79 0.00	73.97 -0.18 0.00	65.94 0.08 0.00	76.64 0.80 0.00	58.27 0.84 -0.13
NEG NORTH___ALICE_FALLS 23915	51.78 0.59 0.00	43.71 0.38 0.00	37.72 0.49 0.00	33.84 0.53 0.00	35.03 0.47 0.00	36.84 0.36 0.00	51.03 0.69 0.00	53.77 1.21 0.00	52.00 1.07 0.00	52.65 1.01 0.00	56.18 1.14 0.00	60.33 1.30 0.00	67.19 1.38 0.00	65.25 0.53 0.00	59.45 -0.11 0.00	61.39 -0.23 0.00	56.72 -0.39 0.00	103.02 -0.40 0.00	101.02 -0.14 0.00	85.39 0.36 0.00	74.84 0.69 0.00	66.57 0.71 0.00	77.29 1.45 0.00	58.57 1.27 0.00
NEG NORTH___LWR_SARANAC 23913	51.78 0.59 0.00	43.71 0.38 0.00	37.72 0.49 0.00	33.84 0.53 0.00	35.03 0.47 0.00	36.84 0.36 0.00	51.03 0.69 0.00	53.77 1.21 0.00	52.00 1.07 0.00	52.65 1.01 0.00	56.18 1.14 0.00	60.33 1.30 0.00	67.19 1.38 0.00	65.25 0.53 0.00	59.45 -0.11 0.00	61.39 -0.23 0.00	56.72 -0.39 0.00	103.02 -0.40 0.00	101.02 -0.14 0.00	85.39 0.36 0.00	74.84 0.69 0.00	66.57 0.71 0.00	77.29 1.45 0.00	58.57 1.27 0.00
NEG NORTH___PLATTSBURG 23628	51.78 0.59 0.00	43.71 0.38 0.00	37.72 0.49 0.00	33.84 0.53 0.00	35.03 0.47 0.00	36.84 0.36 0.00	51.03 0.69 0.00	53.77 1.21 0.00	52.01 1.07 0.00	52.65 1.01 0.00	56.18 1.14 0.00	60.34 1.30 0.00	67.19 1.38 0.00	65.25 0.53 0.00	59.45 -0.11 0.00	61.39 -0.22 0.00	56.72 -0.39 0.00	103.02 -0.40 0.00	101.02 -0.14 0.00	85.39 0.36 0.00	74.84 0.69 0.00	66.57 0.71 0.00	77.29 1.45 0.00	58.57 1.27 0.00
NEG WEST_LEA_LOCKPORT 23791	53.33 2.14 0.00	43.49 0.16 0.00	36.79 -0.44 0.00	32.63 -0.68 0.00	34.06 -0.51 0.00	36.16 -0.32 0.00	51.19 0.86 0.00	53.46 0.89 0.00	51.92 0.99 0.00	54.24 2.59 0.00	58.82 3.78 0.00	73.05 3.59 -10.42	95.37 3.28 -26.27	99.52 3.25 -31.54	75.98 3.59 -12.83	67.37 3.28 -2.48	58.27 1.15 0.00	103.51 0.09 0.00	101.12 -0.04 0.00	86.77 1.35 -0.38	75.71 1.56 0.00	66.46 0.60 0.00	77.28 1.44 0.00	60.32 3.02 0.00
NEG WEST___LANCASTR 23811	53.18 1.98 0.00	43.60 0.26 0.00	36.99 -0.23 0.00	32.80 -0.50 0.00	34.25 -0.31 0.00	36.31 -0.17 0.00	51.33 0.99 0.00	53.76 1.19 0.00	52.30 1.37 0.00	54.43 2.78 0.00	59.03 3.98 0.00	70.25 3.88 -7.34	88.25 3.93 -18.51	90.94 4.00 -22.22	72.89 4.29 -9.04	67.52 4.16 -1.74	59.67 2.56 0.00	106.28 2.86 0.00	103.84 2.68 0.00	88.53 3.22 -0.28	76.87 2.72 0.00	67.44 1.58 0.00	77.83 1.99 0.00	60.05 2.75 0.00
NEG_PENN_ALLEGHNY 23528	52.56 0.60 -0.76	43.66 0.33 0.00	37.41 0.16 -0.02	33.35 0.04 0.00	34.71 0.15 0.00	36.64 0.16 0.00	50.88 0.55 0.00	53.17 0.57 -0.04	51.73 0.50 -0.31	52.45 0.81 0.00	56.29 1.24 0.00	60.25 1.22 0.00	67.37 1.55 0.00	66.64 1.92 0.00	61.78 2.23 0.00	64.04 2.42 0.00	59.31 2.20 0.00	106.79 3.38 0.00	104.76 3.39 -0.22	90.65 3.36 -2.25	78.23 2.57 -1.51	68.72 1.92 -0.94	77.53 1.48 -0.22	58.44 1.14 0.00
NEG___GEN_MONROE 24207	54.20 3.01 0.00	44.64 1.31 0.00	37.84 0.61 0.00	33.62 0.31 0.00	35.02 0.46 0.00	37.18 0.70 0.00	52.26 1.92 0.00	54.75 2.18 0.00	53.06 2.13 0.00	55.02 3.38 0.00	59.44 4.39 0.00	83.83 4.61 -20.18	121.63 4.94 -50.86	130.75 4.95 -61.08	89.55 5.14 -24.85	71.53 5.12 -4.79	60.37 3.26 0.00	107.85 4.44 0.00	105.79 4.63 0.00	90.15 5.12 0.00	78.67 4.53 0.00	69.29 3.43 0.00	79.77 3.94 0.00	61.35 4.04 -0.01
NEPA___ENERGY 23901	52.80 1.60 0.00	43.42 0.09 0.00	36.94 -0.29 0.00	32.76 -0.55 0.00	34.37 -0.19 0.00	36.33 -0.15 0.00	51.37 1.03 0.00	53.84 1.28 0.00	52.22 1.29 0.00	54.17 2.53 0.00	58.88 3.83 0.00	69.82 3.67 -7.12	87.59 3.84 -17.94	90.02 3.77 -21.54	72.61 4.30 -8.76	67.73 4.43 -1.69	60.38 3.27 0.00	107.06 3.65 0.00	104.54 3.38 0.00	89.37 4.16 -0.18	77.34 3.18 0.00	68.06 2.21 0.00	78.15 2.31 0.00	60.10 2.80 0.00

NEVERSINK___HYD 23608	51.73 0.54 0.00	43.90 0.57 0.00	37.61 0.39 0.00	33.68 0.38 0.00	34.94 0.37 0.00	36.79 0.31 0.00	50.47 0.14 0.00	52.74 0.17 0.00	51.38 0.45 0.00	52.01 0.37 0.00	55.46 0.41 0.00	59.66 0.63 0.00	66.31 0.50 0.00	64.40 -0.32 0.00	59.86 0.31 0.00	62.53 0.91 0.00	58.47 1.36 0.00	105.98 2.57 0.00	103.63 2.47 0.00	87.01 1.98 0.00	75.54 1.38 0.00	68.12 2.27 0.00	77.09 1.26 0.00	57.81 0.50 0.00
NEWKRMKL_115KV_TB1 55635	51.22 0.02 0.00	43.63 0.30 0.00	37.58 0.35 0.00	33.71 0.40 0.00	34.95 0.39 0.00	36.79 0.32 0.00	50.18 -0.16 0.00	52.31 -0.26 0.00	50.72 -0.21 0.00	51.24 -0.40 0.00	54.20 -0.85 0.00	58.24 -0.80 0.00	65.05 -0.76 0.00	64.71 -0.01 0.00	59.93 0.38 0.00	62.22 0.60 0.00	57.91 0.80 0.00	105.06 1.65 0.00	102.56 1.40 0.00	86.14 1.11 0.00	74.77 0.62 0.00	66.12 0.26 0.00	75.63 -0.21 0.00	56.73 -0.57 0.00
NEWTON___FALLS_HYD 23847	53.23 1.28 -0.75	44.14 0.81 0.00	37.96 0.72 -0.02	33.93 0.62 0.00	35.20 0.64 0.00	37.49 1.01 0.00	52.41 2.07 0.00	55.03 2.43 -0.03	53.19 2.02 -0.24	53.21 1.57 0.00	56.58 1.54 0.00	60.39 1.35 0.00	67.09 1.28 0.00	64.81 0.09 0.00	59.02 -0.54 0.00	60.97 -0.64 0.00	56.53 -0.58 0.00	103.00 -0.41 0.00	102.13 0.81 -0.17	88.48 1.69 -1.75	77.58 2.25 -1.18	68.81 2.22 -0.73	79.89 3.88 -0.17	61.47 3.19 -0.98
NGRID_A1_DSASP 323792	50.81 1.83 2.22	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.52 0.00	53.22 0.65 0.00	51.74 0.81 0.00	54.07 2.42 0.00	58.70 3.66 0.00	70.68 3.34 -8.30	89.47 2.73 -20.93	92.52 2.67 -25.13	72.75 2.97 -10.22	66.41 2.83 -1.97	57.85 0.73 0.00	102.09 -1.32 0.00	99.63 -1.53 0.00	83.50 0.09 1.63	74.52 0.36 0.00	65.54 -0.31 0.00	76.68 0.84 0.00	59.70 2.40 0.00
NGRID_A2_DSASP 323793	50.81 1.83 2.22	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.52 0.00	53.22 0.65 0.00	51.74 0.81 0.00	54.07 2.42 0.00	58.70 3.66 0.00	70.68 3.34 -8.30	89.47 2.73 -20.93	92.52 2.67 -25.13	72.75 2.97 -10.22	66.41 2.83 -1.97	57.85 0.73 0.00	102.09 -1.32 0.00	99.63 -1.53 0.00	83.50 0.09 1.63	74.52 0.36 0.00	65.54 -0.31 0.00	76.68 0.84 0.00	59.70 2.40 0.00
NGRID_A4_DSASP 323807	50.81 1.83 2.22	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.52 0.00	53.22 0.65 0.00	51.74 0.81 0.00	54.07 2.42 0.00	58.70 3.66 0.00	70.68 3.34 -8.30	89.47 2.73 -20.93	92.52 2.67 -25.13	72.75 2.97 -10.22	66.41 2.83 -1.97	57.85 0.73 0.00	102.09 -1.32 0.00	99.63 -1.53 0.00	83.50 0.09 1.63	74.52 0.36 0.00	65.54 -0.31 0.00	76.68 0.84 0.00	59.70 2.40 0.00
NIAGARA_115E_LBMP 323715	50.88 1.85 2.17	43.25 -0.08 0.00	36.61 -0.61 0.00	32.47 -0.83 0.00	33.90 -0.67 0.00	35.99 -0.48 0.00	50.93 0.60 0.00	53.06 0.49 0.00	51.50 0.57 0.00	53.84 2.20 0.00	58.43 3.39 0.00	71.48 3.16 -9.28	91.97 2.76 -23.39	95.51 2.71 -28.08	73.99 3.01 -11.42	66.51 2.69 -2.20	57.67 0.56 0.00	102.35 -1.06 0.00	99.91 -1.24 0.00	85.54 0.30 -0.21	74.87 0.72 0.00	65.80 -0.06 0.00	76.62 0.78 0.00	60.04 2.74 0.00
NIAGARA_115W_LBMP 323714	50.71 1.73 2.22	43.11 -0.22 0.00	36.50 -0.73 0.00	32.36 -0.95 0.00	33.76 -0.80 0.00	35.86 -0.62 0.00	50.76 0.42 0.00	53.10 0.54 0.00	51.63 0.69 0.00	53.94 2.30 0.00	58.55 3.50 0.00	70.45 3.15 -8.26	89.14 2.50 -20.83	92.19 2.46 -25.01	72.51 2.78 -10.17	66.23 2.65 -1.96	57.72 0.61 0.00	101.81 -1.61 0.00	99.32 -1.83 0.00	83.40 -0.15 1.48	74.30 0.16 0.00	65.36 -0.49 0.00	76.50 0.66 0.00	59.56 2.26 0.00
NIAGARA_230_LBMP 323716	50.90 1.91 2.20	43.34 0.01 0.00	36.72 -0.51 0.00	32.57 -0.73 0.00	33.98 -0.58 0.00	36.08 -0.40 0.00	51.02 0.69 0.00	53.34 0.77 0.00	51.86 0.93 0.00	54.11 2.47 0.00	58.69 3.65 0.00	70.45 3.51 -7.90	89.04 3.30 -19.92	91.86 3.22 -23.92	72.74 3.45 -9.73	66.59 3.11 -1.88	58.15 1.03 0.00	103.09 -0.32 0.00	100.71 -0.45 0.00	85.75 0.91 0.19	75.16 1.01 0.00	66.12 0.26 0.00	76.96 1.12 0.00	59.82 2.52 0.00
NIAGARA___115KV_198_GIBSON 55903	52.92 1.73 0.00	43.11 -0.22 0.00	36.49 -0.73 0.00	32.36 -0.95 0.00	33.76 -0.80 0.00	35.86 -0.62 0.00	50.76 0.43 0.00	53.10 0.54 0.00	51.63 0.70 0.00	53.95 2.30 0.00	58.55 3.50 0.00	70.45 3.15 -8.26	89.11 2.47 -20.83	92.20 2.48 -25.01	72.50 2.77 -10.17	66.20 2.63 -1.96	57.72 0.61 0.00	101.80 -1.61 0.00	99.35 -1.81 0.00	83.42 -0.13 1.48	74.31 0.16 0.00	65.36 -0.50 0.00	76.50 0.66 0.00	59.56 2.26 0.00
NIAGARA____ 23760	50.92 1.91 2.18	43.34 0.01 0.00	36.72 -0.51 0.00	32.57 -0.73 0.00	33.98 -0.58 0.00	36.08 -0.40 0.00	51.02 0.69 0.00	53.34 0.77 0.00	51.86 0.93 0.00	54.11 2.47 0.00	58.69 3.65 0.00	71.08 3.51 -8.53	90.43 3.30 -21.32	93.36 3.22 -25.42	73.35 3.45 -10.35	66.71 3.11 -2.00	58.15 1.03 0.00	103.09 -0.32 0.00	100.71 -0.45 0.00	85.58 0.91 0.37	75.16 1.01 0.00	66.12 0.26 0.00	76.96 1.12 0.00	59.82 2.52 0.00
NINE_MILE_1 23575	49.39 -1.30 0.51	42.08 -1.25 0.00	35.76 -1.18 0.29	32.22 -1.09 0.00	33.48 -1.09 0.00	35.37 -1.11 0.00	48.95 -1.38 0.00	50.49 -1.45 0.61	45.09 -1.46 4.38	50.37 -1.28 0.00	53.87 -1.17 0.00	57.69 -1.34 0.00	64.35 -1.47 0.00	63.42 -1.30 0.00	58.52 -1.03 0.00	60.57 -1.04 0.00	55.99 -1.12 0.00	101.22 -2.19 0.00	96.04 -2.04 3.08	51.50 -1.42 32.11	51.24 -1.29 21.62	51.10 -1.37 13.38	70.89 -1.83 3.12	55.95 -1.35 0.00
NINE_MILE_2 23744	49.38 -1.30 0.52	42.08 -1.25 0.00	35.76 -1.18 0.29	32.22 -1.09 0.00	33.48 -1.09 0.00	35.37 -1.11 0.00	48.95 -1.38 0.00	50.49 -1.45 0.62	45.02 -1.46 4.45	50.37 -1.28 0.00	53.87 -1.18 0.00	57.69 -1.34 0.00	64.34 -1.48 0.00	63.42 -1.30 0.00	58.51 -1.05 0.00	60.57 -1.04 0.00	55.99 -1.12 0.00	101.22 -2.19 0.00	96.00 -2.04 3.13	51.01 -1.43 32.60	50.91 -1.30 21.94	50.90 -1.38 13.58	70.84 -1.83 3.17	55.95 -1.35 0.00
NM_CAPITAL___DRP 24208	51.31 0.11 0.00	43.67 0.34 0.00	37.63 0.40 0.00	33.75 0.45 0.00	34.99 0.43 0.00	36.84 0.36 0.00	50.24 -0.09 0.00	52.38 -0.18 0.00	50.77 -0.16 0.00	51.27 -0.37 0.00	54.22 -0.83 0.00	58.26 -0.78 0.00	65.08 -0.73 0.00	64.75 0.03 0.00	59.95 0.39 0.00	62.25 0.64 0.00	57.89 0.77 0.00	105.15 1.74 0.00	102.65 1.49 0.00	86.17 1.14 0.00	74.80 0.65 0.00	66.16 0.31 0.00	75.72 -0.12 0.00	56.77 -0.53 0.00
NM_CENTRAL___DRP 24181	51.03 -0.22 -0.05	42.94 -0.40 0.00	36.77 -0.49 -0.03	32.82 -0.49 0.00	34.10 -0.46 0.00	36.05 -0.43 0.00	49.96 -0.38 0.00	52.24 -0.38 -0.06	50.93 -0.42 -0.43	51.51 -0.13 0.00	55.21 0.16 0.00	59.18 0.15 0.00	66.10 0.29 0.00	65.27 0.56 0.00	60.32 0.77 0.00	62.52 0.90 0.00	57.80 0.69 0.00	104.42 1.01 0.00	102.58 1.12 -0.30	89.42 1.27 -3.12	77.23 0.98 -2.10	67.68 0.52 -1.30	76.27 0.13 -0.30	57.39 0.09 0.00

NM_FRONTIER___DRP 24179	52.92 1.73 0.00	43.11 -0.22 0.00	36.49 -0.73 0.00	32.36 -0.95 0.00	33.76 -0.80 0.00	35.86 -0.62 0.00	50.76 0.43 0.00	53.10 0.54 0.00	51.63 0.70 0.00	53.95 2.30 0.00	58.55 3.50 0.00	70.45 3.15 -8.26	89.11 2.47 -20.83	92.20 2.48 -25.01	72.50 2.77 -10.17	66.20 2.63 -1.96	57.72 0.61 0.00	101.80 -1.61 0.00	99.35 -1.81 0.00	83.42 -0.13 1.48	74.31 0.16 0.00	65.36 -0.50 0.00	76.50 0.66 0.00	59.56 2.26 0.00
NM_ST_REGIS___HYD 24053	53.66 1.54 -0.92	44.39 1.06 0.00	38.30 1.07 0.00	34.22 0.91 0.00	35.39 0.83 0.00	37.47 0.99 0.00	52.15 1.81 0.00	54.73 2.16 0.00	52.63 1.70 0.00	52.76 1.12 0.00	56.16 1.11 0.00	60.15 1.12 0.00	66.82 1.01 0.00	64.21 -0.51 0.00	58.13 -1.42 0.00	59.82 -1.79 0.00	55.29 -1.82 0.00	100.45 -2.96 0.00	99.10 -2.06 0.00	83.87 -1.16 0.00	73.98 -0.18 0.00	66.07 0.22 0.00	77.69 1.85 0.00	60.53 1.99 -1.24
NORTHPORT___1 23551	51.62 0.43 0.00	43.88 0.55 0.00	37.74 0.51 0.00	33.76 0.45 0.00	34.98 0.42 0.00	36.82 0.34 0.00	49.91 -0.42 0.00	52.29 -0.28 0.00	51.07 0.14 0.00	52.01 0.37 0.00	56.19 0.97 -0.17	58.48 0.49 1.04	59.17 0.61 7.26	57.78 2.10 9.03	42.97 1.76 18.34	53.80 2.60 10.41	43.70 2.85 16.26	95.22 4.54 12.73	94.14 3.71 10.73	75.53 2.57 12.07	75.56 1.41 0.00	66.43 0.58 0.00	74.51 -1.33 0.00	56.21 -1.09 0.00
NORTHPORT___2 23552	51.62 0.43 0.00	43.88 0.55 0.00	37.74 0.51 0.00	33.76 0.45 0.00	34.98 0.42 0.00	36.82 0.34 0.00	49.91 -0.42 0.00	52.29 -0.28 0.00	51.07 0.14 0.00	52.01 0.37 0.00	56.19 0.97 -0.17	58.48 0.49 1.04	59.17 0.61 7.26	57.78 2.10 9.03	42.97 1.76 18.34	53.80 2.60 10.41	43.70 2.85 16.26	95.22 4.54 12.73	94.14 3.71 10.73	75.53 2.57 12.07	75.56 1.41 0.00	66.43 0.58 0.00	74.51 -1.33 0.00	56.21 -1.09 0.00
NORTHPORT___3 23553	51.43 0.23 0.00	43.68 0.34 0.00	37.55 0.32 0.00	33.60 0.29 0.00	34.82 0.26 0.00	36.65 0.17 0.00	49.73 -0.61 0.00	52.04 -0.53 0.00	50.78 -0.16 0.00	51.69 0.05 0.00	55.77 0.56 -0.17	58.00 -0.15 0.89	59.06 0.58 7.33	56.52 2.24 10.44	42.69 1.51 18.37	53.41 2.23 10.42	43.60 2.75 16.26	94.75 4.07 12.73	93.67 3.24 10.74	75.28 2.32 12.07	75.04 0.89 0.00	65.92 0.06 0.00	73.99 -1.85 0.00	55.78 -1.52 0.00
NORTHPORT___4 23650	51.43 0.23 0.00	43.68 0.34 0.00	37.55 0.32 0.00	33.60 0.29 0.00	34.82 0.26 0.00	36.65 0.17 0.00	49.73 -0.61 0.00	52.04 -0.53 0.00	50.78 -0.16 0.00	51.69 0.05 0.00	55.77 0.56 -0.17	58.00 -0.15 0.89	59.06 0.58 7.33	56.52 2.24 10.44	42.69 1.51 18.37	53.41 2.23 10.42	43.60 2.75 16.26	94.75 4.07 12.73	93.67 3.24 10.74	75.28 2.32 12.07	75.04 0.89 0.00	65.92 0.06 0.00	73.99 -1.85 0.00	55.78 -1.52 0.00
NORTHPORT___IC 23718	51.62 0.43 0.00	43.88 0.55 0.00	37.74 0.51 0.00	33.76 0.45 0.00	34.98 0.42 0.00	36.82 0.35 0.00	49.91 -0.42 0.00	52.29 -0.28 0.00	51.07 0.14 0.00	52.01 0.37 0.00	56.18 0.97 -0.17	58.46 0.47 1.04	59.19 0.63 7.26	57.89 2.21 9.03	42.98 1.77 18.34	53.79 2.58 10.41	43.70 2.85 16.26	95.22 4.53 12.73	94.15 3.71 10.73	75.54 2.57 12.07	75.56 1.41 0.00	66.43 0.58 0.00	74.51 -1.33 0.00	56.21 -1.09 0.00
NORTH___COUNTRY_ESR 323785	51.45 0.15 -0.10	43.33 0.00 0.00	37.38 0.15 0.00	33.43 0.13 0.00	34.62 0.06 0.00	36.53 0.05 0.00	50.69 0.35 0.00	53.43 0.86 0.00	51.78 0.85 0.00	52.46 0.81 0.00	55.89 0.85 0.00	59.94 0.91 0.00	66.69 0.88 0.00	64.70 -0.02 0.00	58.93 -0.63 0.00	60.74 -0.87 0.00	56.09 -1.02 0.00	101.81 -1.61 0.00	99.80 -1.36 0.00	83.98 -1.05 0.00	73.67 -0.48 0.00	65.69 -0.17 0.00	76.41 0.57 0.00	58.10 0.67 -0.13
NPX_GEN_1385_PROXY 323591	51.23 0.03 0.00	43.76 0.43 0.00	37.74 0.51 0.00	33.76 0.45 0.00	34.98 0.42 0.00	36.82 0.34 0.00	49.90 -0.43 0.00	52.09 -0.47 0.00	50.88 -0.05 0.00	51.88 0.23 0.00	56.79 1.58 -0.17	59.21 1.22 1.04	59.16 0.61 7.26	58.00 2.32 9.03	43.46 2.25 18.34	54.63 3.43 10.41	44.44 3.58 16.26	95.59 4.91 12.73	95.52 5.09 10.73	76.89 3.93 12.07	76.66 2.51 0.00	81.31 1.84 -13.61	75.95 0.11 0.00	57.10 -0.20 0.00
NPX_GEN_CSC 323557	51.97 0.77 0.00	44.13 0.80 0.00	38.19 0.96 0.00	34.15 0.84 0.00	35.41 0.85 0.00	37.25 0.77 0.00	50.04 -0.29 0.00	52.90 0.34 0.00	51.93 1.00 0.00	53.04 1.40 0.00	57.44 2.22 -0.17	81.56 2.11 -20.41	149.65 2.80 -81.03	175.13 4.12 -106.29	267.89 3.71 -204.63	182.52 4.59 -116.31	245.04 4.84 -183.08	254.45 7.73 -143.31	228.90 6.90 -120.84	226.41 5.45 -135.92	77.42 3.27 0.00	68.18 2.32 0.00	76.05 0.21 0.00	57.61 0.31 0.00
NSINS_S_GLNS_FALLS 23858	53.52 2.32 0.00	45.13 1.80 0.00	38.88 1.66 0.00	34.96 1.65 0.00	36.27 1.71 0.00	38.23 1.75 0.00	52.41 2.07 0.00	54.78 2.21 0.00	52.92 2.00 0.00	53.25 1.61 0.00	56.04 0.99 0.00	60.33 1.30 0.00	67.70 1.88 0.00	67.24 2.52 0.00	62.27 2.72 0.00	65.03 3.42 0.00	60.56 3.45 0.00	111.12 7.71 0.00	109.05 7.89 0.00	92.32 7.29 0.00	79.15 5.00 0.00	69.85 4.00 0.00	80.07 4.24 0.00	59.85 2.56 0.00
NUCOR_STEEL___DRP 24197	52.11 0.83 -0.08	43.63 0.30 0.00	37.41 0.14 -0.05	33.27 -0.04 0.00	34.72 0.16 0.00	36.74 0.26 0.00	50.79 0.46 0.00	53.31 0.65 -0.10	52.13 0.51 -0.69	52.46 0.82 0.00	56.28 1.23 0.00	59.99 0.95 0.00	67.21 1.39 0.00	66.42 1.70 0.00	61.20 1.64 0.00	63.30 1.69 0.00	58.47 1.36 0.00	105.71 2.30 0.00	104.28 2.64 -0.49	93.33 3.23 -5.07	80.38 2.81 -3.41	70.00 2.03 -2.11	78.16 1.83 -0.49	58.65 1.35 0.00
NUMBER_THREE_WT_PWR 323818	52.14 0.59 -0.35	43.59 0.25 0.00	37.36 0.11 -0.02	33.45 0.14 0.00	34.82 0.26 0.00	37.28 0.80 0.00	52.35 2.02 0.00	55.09 2.49 -0.04	53.49 2.28 -0.29	53.74 2.10 0.00	57.09 2.05 0.00	60.84 1.80 0.00	67.71 1.90 0.00	66.02 1.30 0.00	60.51 0.95 0.00	62.77 1.16 0.00	58.33 1.22 0.00	106.59 3.17 0.00	105.77 4.41 -0.20	92.09 4.94 -2.11	80.48 4.90 -1.42	71.08 4.34 -0.88	81.62 5.58 -0.21	61.87 4.15 -0.42
NYISO_LBMP_REFERENCE 24008	51.20 0.00 0.00	43.33 0.00 0.00	37.23 0.00 0.00	33.31 0.00 0.00	34.56 0.00 0.00	36.48 0.00 0.00	50.34 0.00 0.00	52.57 0.00 0.00	50.93 0.00 0.00	51.64 0.00 0.00	55.05 0.00 0.00	59.04 0.00 0.00	65.82 0.00 0.00	64.72 0.00 0.00	59.56 0.00 0.00	61.61 0.00 0.00	57.11 0.00 0.00	103.41 0.00 0.00	101.16 0.00 0.00	85.03 0.00 0.00	74.15 0.00 0.00	65.85 0.00 0.00	75.84 0.00 0.00	57.30 0.00 0.00
NYPA_BRENTWD____GT 24164	52.47 1.27 0.00	44.51 1.18 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.45 0.89 0.00	37.33 0.85 0.00	50.61 0.28 0.00	53.12 0.55 0.00	51.95 1.02 0.00	52.96 1.32 0.00	57.28 2.07 -0.17	65.97 1.88 -5.05	84.79 2.16 -16.82	89.85 3.59 -21.54	105.39 3.20 -42.63	89.87 4.01 -24.25	99.39 4.02 -38.26	139.82 6.46 -29.95	132.00 5.59 -25.25	117.62 4.18 -28.41	77.22 3.07 0.00	67.91 2.06 0.00	76.29 0.46 0.00	57.59 0.30 0.00

NYPA_GOWANUS____GT5 24156	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.88 0.32 0.00	51.97 1.04 0.00	52.53 0.88 0.00	56.13 1.08 0.00	60.28 1.25 0.00	67.25 1.44 0.00	67.19 2.48 0.00	62.48 2.93 0.00	65.23 3.61 0.00	60.96 3.86 0.00	109.94 6.53 0.00	106.59 5.42 -0.01	89.24 4.20 -0.01	77.19 3.03 -0.01	67.64 1.79 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NYPA_GOWANUS____GT6 24157	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.57 0.00	52.88 0.32 0.00	51.97 1.04 0.00	52.53 0.88 0.00	56.13 1.08 0.00	60.28 1.25 0.00	67.25 1.44 0.00	67.19 2.48 0.00	62.48 2.93 0.00	65.23 3.61 0.00	60.96 3.86 0.00	109.94 6.53 0.00	106.59 5.42 -0.01	89.24 4.20 -0.01	77.19 3.03 -0.01	67.64 1.79 0.00	76.46 0.62 0.00	57.53 0.23 0.00
NYPA_HARLEM__RVR__GT1 24160	51.95 0.75 0.00	44.34 1.01 0.00	38.05 0.82 0.00	34.19 0.89 0.00	35.24 0.68 0.00	37.13 0.65 0.00	50.61 0.28 0.00	52.81 0.25 0.00	51.81 0.88 0.00	52.30 0.65 0.00	55.76 0.72 0.00	59.89 0.86 0.00	66.75 0.93 0.00	66.66 1.95 0.00	61.98 2.43 0.00	64.68 3.06 0.00	60.48 3.37 0.00	108.95 5.53 0.00	105.58 4.42 0.00	88.48 3.45 0.00	76.57 2.42 0.01	67.17 1.31 0.01	75.96 0.12 0.01	57.16 -0.14 0.00
NYPA_HARLEM__RVR__GT2 24161	51.95 0.75 0.00	44.34 1.01 0.00	38.05 0.82 0.00	34.19 0.89 0.00	35.24 0.68 0.00	37.13 0.65 0.00	50.61 0.28 0.00	52.81 0.25 0.00	51.81 0.88 0.00	52.30 0.65 0.00	55.76 0.72 0.00	59.89 0.86 0.00	66.75 0.93 0.00	66.66 1.95 0.00	61.98 2.43 0.00	64.68 3.06 0.00	60.48 3.37 0.00	108.95 5.53 0.00	105.58 4.42 0.00	88.48 3.45 0.00	76.57 2.42 0.01	67.17 1.31 0.01	75.96 0.12 0.01	57.16 -0.14 0.00
NYPA_KENT____GT 24152	52.07 0.88 0.00	44.44 1.11 0.00	38.14 0.91 0.00	34.23 0.92 0.00	35.38 0.82 0.00	37.27 0.79 0.00	50.87 0.54 0.00	52.88 0.32 0.00	51.93 1.00 0.00	52.51 0.86 0.00	56.08 1.03 0.00	60.23 1.20 0.00	67.17 1.35 0.00	67.09 2.37 0.00	62.39 2.83 0.00	65.11 3.50 0.00	60.87 3.76 0.00	109.72 6.31 0.00	106.33 5.16 0.00	89.00 3.96 0.00	76.99 2.84 0.00	67.49 1.64 0.01	76.26 0.43 0.00	57.42 0.12 0.00
NYPA_POUCH1____GT 24155	51.95 0.75 0.00	44.40 1.07 0.00	38.08 0.85 0.00	34.15 0.85 0.00	35.30 0.74 0.00	37.19 0.71 0.00	50.72 0.38 0.00	52.64 0.07 0.00	51.74 0.80 0.00	52.27 0.63 0.01	55.70 0.77 0.12	59.97 0.94 0.00	66.91 1.09 0.00	66.83 2.11 0.00	62.17 2.62 0.00	64.94 3.33 0.00	60.74 3.62 0.00	109.61 6.20 0.00	106.31 5.15 -0.01	89.00 3.96 -0.01	76.95 2.79 -0.01	67.42 1.57 0.00	76.20 0.36 0.00	57.34 0.04 0.00
NYPA_VERNON____GT2 24162	51.98 0.79 0.00	44.35 1.02 0.00	38.09 0.86 0.00	34.20 0.89 0.00	35.35 0.79 0.00	37.23 0.76 0.00	50.83 0.50 0.00	52.93 0.37 0.00	51.93 1.00 0.00	52.51 0.87 0.00	56.07 1.02 0.00	60.21 1.18 0.00	67.11 1.30 0.00	67.04 2.32 0.00	62.33 2.78 0.00	65.04 3.43 0.00	60.83 3.72 0.00	109.54 6.13 0.00	106.16 5.01 0.00	88.85 3.82 0.00	76.86 2.71 0.01	67.38 1.53 0.01	76.11 0.28 0.01	57.30 0.01 0.00
NYPA_VERNON____GT3 24163	51.98 0.79 0.00	44.35 1.02 0.00	38.09 0.86 0.00	34.20 0.89 0.00	35.35 0.79 0.00	37.23 0.76 0.00	50.83 0.50 0.00	52.93 0.37 0.00	51.93 1.00 0.00	52.51 0.87 0.00	56.07 1.02 0.00	60.21 1.18 0.00	67.11 1.30 0.00	67.04 2.32 0.00	62.33 2.78 0.00	65.04 3.43 0.00	60.83 3.72 0.00	109.54 6.13 0.00	106.16 5.01 0.00	88.85 3.82 0.00	76.86 2.71 0.01	67.38 1.53 0.01	76.11 0.28 0.01	57.30 0.01 0.00
NYPA____ASTORIA_CC1 323568	51.83 0.63 0.00	44.25 0.92 0.00	38.00 0.77 0.00	34.13 0.83 0.00	35.27 0.71 0.00	37.15 0.67 0.00	50.68 0.34 0.00	52.77 0.21 0.00	51.80 0.87 0.00	52.36 0.71 0.00	55.92 0.87 0.00	60.05 1.02 0.00	66.94 1.13 0.00	66.86 2.15 0.00	62.17 2.62 0.00	64.87 3.26 0.00	60.67 3.56 0.00	109.29 5.88 0.00	105.90 4.75 0.00	88.64 3.61 0.00	76.67 2.53 0.01	67.22 1.37 0.01	75.93 0.10 0.01	57.16 -0.14 0.00
NYPA____ASTORIA_CC2 323569	51.83 0.63 0.00	44.25 0.92 0.00	38.00 0.77 0.00	34.13 0.83 0.00	35.27 0.71 0.00	37.15 0.67 0.00	50.68 0.34 0.00	52.77 0.21 0.00	51.80 0.87 0.00	52.36 0.71 0.00	55.92 0.87 0.00	60.05 1.02 0.00	66.94 1.13 0.00	66.86 2.15 0.00	62.17 2.62 0.00	64.87 3.26 0.00	60.67 3.56 0.00	109.29 5.88 0.00	105.90 4.75 0.00	88.64 3.61 0.00	76.67 2.53 0.01	67.22 1.37 0.01	75.93 0.10 0.01	57.16 -0.14 0.00
NYPA____HOLTSVILL 23794	52.05 0.85 0.00	44.19 0.86 0.00	38.06 0.83 0.00	34.03 0.73 0.00	35.28 0.72 0.00	37.12 0.64 0.00	50.13 -0.20 0.00	52.67 0.11 0.00	51.58 0.66 0.00	52.62 0.98 0.00	56.93 1.72 -0.17	81.70 1.52 -21.14	147.45 2.04 -79.60	172.48 3.40 -104.37	263.48 2.97 -200.95	179.62 3.79 -114.22	240.93 4.02 -179.80	250.61 6.45 -140.74	225.42 5.59 -118.67	222.78 4.26 -133.49	76.79 2.64 0.00	67.54 1.68 0.00	75.61 -0.22 0.00	57.20 -0.10 0.00
NYPA____HELLGATE_GT1 24158	51.95 0.75 0.00	44.34 1.01 0.00	38.05 0.82 0.00	34.19 0.89 0.00	35.24 0.68 0.00	37.13 0.65 0.00	50.61 0.28 0.00	52.81 0.25 0.00	51.81 0.88 0.00	52.30 0.65 0.00	55.76 0.72 0.00	59.89 0.86 0.00	66.75 0.93 0.00	66.66 1.95 0.00	61.98 2.43 0.00	64.68 3.06 0.00	60.48 3.37 0.00	108.95 5.53 0.00	105.58 4.42 0.00	88.48 3.45 0.00	76.57 2.42 0.01	67.17 1.31 0.01	75.96 0.12 0.01	57.16 -0.14 0.00
NYPA____HELLGATE_GT2 24159	51.95 0.75 0.00	44.34 1.01 0.00	38.05 0.82 0.00	34.19 0.89 0.00	35.24 0.68 0.00	37.13 0.65 0.00	50.61 0.28 0.00	52.81 0.25 0.00	51.81 0.88 0.00	52.30 0.65 0.00	55.76 0.72 0.00	59.89 0.86 0.00	66.75 0.93 0.00	66.66 1.95 0.00	61.98 2.43 0.00	64.68 3.06 0.00	60.48 3.37 0.00	108.95 5.53 0.00	105.58 4.42 0.00	88.48 3.45 0.00	76.57 2.42 0.01	67.17 1.31 0.01	75.96 0.12 0.01	57.16 -0.14 0.00
NYS_BARGE____HYD 23848	51.59 2.37 1.98	43.68 0.35 0.00	36.96 -0.27 0.00	32.77 -0.53 0.00	34.20 -0.36 0.00	36.32 -0.16 0.00	51.42 1.09 0.00	53.66 1.10 0.00	52.11 1.18 0.00	54.43 2.79 0.00	59.05 4.01 -10.86	73.72 3.83 -27.37	96.77 3.59 -32.86	101.14 3.57 -13.37	76.79 3.86 -2.58	67.78 3.59 0.00	58.55 1.44 0.00	104.02 0.61 0.00	101.64 0.49 0.00	87.29 1.80 -0.46	76.11 1.96 0.00	66.80 0.94 0.00	77.67 1.83 0.00	60.66 3.36 0.00
OAK ORCHARD____HYD 24046	52.33 2.19 1.05	44.11 0.78 0.00	37.50 0.27 0.00	33.34 0.04 0.00	34.72 0.16 0.00	36.83 0.35 0.00	51.68 1.34 0.00	54.08 1.52 0.00	52.53 1.59 0.00	54.35 2.71 0.00	58.74 3.70 -20.61	83.55 3.90 -51.95	121.97 4.21 -62.38	131.40 4.31 -25.38	89.25 4.32 -4.89	70.77 4.26 0.00	59.88 2.77 0.00	107.04 3.62 0.00	104.87 3.71 0.00	89.12 4.09 0.00	77.72 3.56 0.00	68.45 2.60 0.00	78.80 2.97 0.00	60.34 3.04 0.00

OAKDALE___35_KV_LOAD 356122	51.56 0.33 -0.04	43.43 0.10 0.00	37.24 -0.01 -0.02	33.20 -0.11 0.00	34.56 0.00 0.00	36.48 0.00 0.00	50.63 0.29 0.00	52.88 0.27 -0.04	51.45 0.22 -0.30	52.14 0.49 0.00	55.94 0.89 0.00	59.86 0.83 0.00	66.87 1.05 0.00	66.11 1.39 0.00	61.26 1.71 0.00	63.48 1.87 0.00	58.79 1.68 0.00	105.83 2.41 0.00	103.79 2.42 -0.21	89.76 2.54 -2.19	77.52 1.89 -1.47	68.12 1.35 -0.91	76.94 0.89 -0.21	58.01 0.71 0.00
OCC_CHEM___DRP 24175	53.03 1.83 0.00	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.53 0.00	53.21 0.65 0.00	51.75 0.81 0.00	54.08 2.43 0.00	58.71 3.67 -8.30	70.67 3.33 -20.93	89.45 2.71 -25.13	92.52 2.67 -10.22	72.74 2.96 -1.97	66.39 2.81 0.00	57.85 0.73 0.00	102.10 -1.32 0.00	99.64 -1.51 0.00	83.49 0.09 1.63	74.52 0.36 0.00	65.54 -0.32 0.00	76.68 0.84 0.00	59.70 2.40 0.00
OH_GEN_PROXY 24063	115.00 1.84 -61.96	-3.74 -0.01 47.06	36.71 -0.52 0.00	32.57 -0.74 0.00	33.98 -0.58 0.00	36.07 -0.41 0.00	51.00 0.66 0.00	53.35 0.79 0.00	51.87 0.94 0.00	54.10 2.46 0.00	58.66 3.62 -7.68	70.21 3.49 -19.37	88.50 3.31 -23.26	91.22 3.24 -9.46	72.49 3.48 -1.82	66.57 3.14 0.00	58.25 1.14 0.00	103.30 -0.12 0.00	90.64 -0.24 10.28	85.94 1.08 0.16	75.26 1.11 0.00	66.22 0.37 0.00	76.95 1.12 0.00	59.71 2.41 0.00
OLIN_CORP_DRP 24177	53.11 1.92 0.00	43.32 -0.01 0.00	36.67 -0.56 0.00	32.53 -0.77 0.00	33.95 -0.61 0.00	36.04 -0.44 0.00	51.02 0.69 0.00	53.17 0.60 0.00	51.63 0.70 0.00	53.96 2.32 0.00	58.55 3.50 -9.02	71.35 3.29 -22.74	91.48 2.92 -27.31	94.89 2.87 -11.11	73.84 3.18 -2.14	66.60 2.84 0.00	57.83 0.71 0.00	102.62 -0.79 0.00	100.15 -1.01 0.00	85.74 0.52 -0.18	75.02 0.87 0.00	65.94 0.08 0.00	76.77 0.93 0.00	60.09 2.79 0.00
OLIN_CORP_DSASP 323712	50.81 1.83 2.22	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.52 0.00	53.22 0.65 0.00	51.74 0.81 0.00	54.07 2.42 0.00	58.70 3.66 0.00	70.68 3.34 -8.30	89.47 2.73 -20.93	92.52 2.67 -25.13	72.75 2.97 -10.22	66.41 2.83 -1.97	57.85 0.73 0.00	102.09 -1.32 0.00	99.63 -1.53 0.00	83.50 0.09 1.63	74.52 0.36 0.00	65.54 -0.31 0.00	76.68 0.84 0.00	59.70 2.40 0.00
ONEIDA_HERK_LFGE 323681	52.46 1.10 -0.16	44.10 0.77 0.00	37.81 0.57 -0.01	33.83 0.52 0.00	35.16 0.60 0.00	37.36 0.88 0.00	51.96 1.63 0.00	54.41 1.82 -0.02	52.72 1.63 -0.16	53.19 1.55 0.00	56.57 1.53 0.00	60.47 1.43 0.00	67.46 1.64 0.00	66.31 1.59 0.00	61.08 1.52 0.00	63.35 1.74 0.00	58.84 1.73 0.00	107.21 3.80 0.00	105.76 4.49 -0.11	90.65 4.44 -1.18	79.02 4.07 -0.79	69.76 3.41 -0.49	79.82 3.87 -0.11	60.34 2.85 -0.19
ONEIDA___115KV_TB4 55905	52.81 1.53 -0.09	44.45 1.12 0.00	38.09 0.85 -0.02	34.04 0.73 0.00	35.37 0.81 0.00	37.46 0.98 0.00	51.90 1.57 0.00	54.16 1.57 -0.03	52.47 1.31 -0.23	52.94 1.30 0.00	56.23 1.19 0.00	60.02 0.98 0.00	67.12 1.31 0.00	66.31 1.59 0.00	61.34 1.79 0.00	63.68 2.07 0.00	59.09 1.98 0.00	107.50 4.08 0.00	105.92 4.60 -0.16	91.11 4.38 -1.70	79.22 3.93 -1.14	69.62 3.06 -0.71	79.00 3.00 -0.16	59.85 2.47 -0.08
ONONDAGA_REF_OCCRA 23987	51.37 0.12 -0.06	43.22 -0.11 0.00	37.02 -0.24 -0.03	33.03 -0.28 0.00	34.32 -0.24 0.00	36.28 -0.20 0.00	50.28 -0.05 0.00	52.57 -0.06 -0.07	51.33 -0.11 -0.51	51.77 0.13 0.00	55.48 0.43 0.00	59.47 0.43 0.00	66.43 0.61 0.00	65.63 0.91 0.00	60.67 1.11 0.00	62.88 1.27 0.00	58.18 1.06 0.00	105.19 1.77 0.00	103.46 1.94 -0.36	90.83 2.07 -3.73	78.28 1.62 -2.51	68.50 1.09 -1.55	76.91 0.71 -0.36	57.79 0.49 0.00
ONONDAGA___COGEN 23986	51.17 -0.12 -0.09	43.01 -0.33 0.00	36.87 -0.41 -0.05	32.85 -0.46 0.00	34.16 -0.40 0.00	36.11 -0.37 0.00	50.02 -0.31 0.00	52.38 -0.29 -0.11	51.35 -0.35 -0.77	51.55 -0.09 0.00	55.24 0.20 0.00	59.17 0.13 0.00	66.01 0.19 0.00	65.21 0.49 0.00	60.22 0.66 0.00	62.39 0.77 0.00	57.71 0.60 0.00	104.33 0.91 0.00	102.81 1.11 -0.54	92.08 1.40 -5.65	79.02 1.06 -3.80	68.83 0.62 -2.36	76.58 0.19 -0.55	57.44 0.14 0.00
ONTARIO___LFGE 23819	52.75 1.52 -0.03	44.03 0.69 0.00	37.64 0.40 -0.02	33.47 0.16 0.00	34.90 0.34 0.00	36.94 0.46 0.00	51.48 1.14 0.00	53.87 1.27 -0.04	52.32 1.12 -0.27	53.33 1.69 0.00	57.49 2.45 0.00	53.34 2.52 8.22	48.01 2.90 20.71	43.05 3.20 24.87	52.85 3.41 10.12	63.25 3.59 1.95	60.00 2.89 0.00	107.86 4.44 0.00	105.75 4.40 -0.19	91.91 4.87 -2.01	79.92 4.42 -1.35	70.10 3.40 -0.84	79.11 3.08 -0.19	59.98 2.68 0.00
ORANGEVILLE_WT_PWR 323706	52.21 1.84 0.83	43.50 0.17 0.00	36.84 -0.39 0.00	32.67 -0.63 0.00	34.15 -0.41 0.00	36.19 -0.29 0.00	51.18 0.85 0.00	53.47 0.91 0.00	51.84 0.91 0.00	53.77 2.13 0.00	58.24 3.20 0.00	68.66 2.95 -6.67	85.56 2.92 -16.82	87.87 2.95 -20.19	71.23 3.46 -8.22	66.59 3.40 -1.58	59.01 1.89 0.00	105.30 1.89 0.00	103.42 2.26 0.00	88.39 3.24 -0.12	77.15 3.00 0.00	67.86 2.01 0.00	78.27 2.43 0.00	60.43 3.13 0.00
ORANGEVILLE___ESR 323794	52.21 1.84 0.83	43.50 0.17 0.00	36.84 -0.39 0.00	32.67 -0.63 0.00	34.15 -0.41 0.00	36.19 -0.29 0.00	51.18 0.85 0.00	53.47 0.91 0.00	51.84 0.91 0.00	53.77 2.13 0.00	58.24 3.20 0.00	68.66 2.95 -6.67	85.56 2.92 -16.82	87.87 2.95 -20.19	71.23 3.46 -8.22	66.59 3.40 -1.58	59.01 1.89 0.00	105.30 1.89 0.00	103.42 2.26 0.00	88.39 3.24 -0.12	77.15 3.00 0.00	67.86 2.01 0.00	78.27 2.43 0.00	60.43 3.13 0.00
OSWEGATCHIE___HYD 24044	53.23 1.28 -0.75	44.14 0.81 0.00	37.96 0.72 -0.02	33.93 0.62 0.00	35.20 0.64 0.00	37.49 1.01 0.00	52.41 2.07 0.00	55.02 2.42 -0.03	53.19 2.02 -0.24	53.21 1.57 0.00	56.58 1.53 0.00	60.39 1.35 0.00	67.09 1.28 0.00	64.81 0.09 0.00	59.02 -0.54 0.00	60.97 -0.64 0.00	56.53 -0.58 0.00	103.00 -0.41 0.00	102.13 0.81 -0.17	88.47 1.69 -1.75	77.58 2.25 -1.18	68.81 2.22 -0.73	79.89 3.88 -0.17	61.47 3.19 -0.98
OSWEGO___5 23606	50.69 -0.88 -0.38	42.41 -0.92 0.00	36.55 -0.89 -0.22	32.47 -0.84 0.00	33.73 -0.83 0.00	35.65 -0.83 0.00	49.35 -0.99 0.00	51.99 -1.04 -0.46	53.14 -1.06 -3.27	50.79 -0.86 0.00	54.31 -0.73 0.00	58.16 -0.87 0.00	64.86 -0.95 0.00	63.94 -0.78 0.00	59.01 -0.55 0.00	61.09 -0.53 0.00	56.48 -0.63 0.00	102.07 -1.34 0.00	102.28 -1.18 -2.30	108.28 -0.69 -23.93	89.59 -0.67 -16.11	75.01 -0.82 -9.97	76.94 -1.22 -2.33	56.41 -0.89 0.00
OSWEGO___6 23613	50.69 -0.88 -0.38	42.41 -0.92 0.00	36.55 -0.89 -0.22	32.47 -0.84 0.00	33.73 -0.83 0.00	35.65 -0.83 0.00	49.35 -0.99 0.00	51.99 -1.04 -0.46	53.14 -1.06 -3.27	50.79 -0.86 0.00	54.31 -0.73 0.00	58.16 -0.87 0.00	64.86 -0.95 0.00	63.94 -0.78 0.00	59.01 -0.55 0.00	61.09 -0.53 0.00	56.48 -0.63 0.00	102.07 -1.34 0.00	102.28 -1.18 -2.30	108.28 -0.69 -23.93	89.59 -0.67 -16.11	75.01 -0.82 -9.97	76.94 -1.22 -2.33	56.41 -0.89 0.00

OUTOKUMPU-AB___DRP 24206	54.13 2.93 0.00	44.09 0.75 0.00	37.28 0.05 0.00	33.05 -0.26 0.00	34.47 -0.09 0.00	36.61 0.14 0.00	51.83 1.50 0.00	54.26 1.69 0.00	52.78 1.85 0.00	55.20 3.56 0.00	59.99 4.95 0.00	72.87 4.88 -8.95	93.10 4.72 -22.57	96.49 4.66 -27.10	75.49 4.90 -11.03	68.53 4.79 -2.13	59.77 2.66 0.00	106.02 2.61 0.00	103.58 2.42 0.00	90.18 3.32 -1.82	77.20 3.05 0.00	67.68 1.83 0.00	78.79 2.95 0.00	61.23 3.93 0.00
OXBOW___BTM 323836	51.42 2.45 2.22	43.69 0.36 0.00	36.95 -0.28 0.00	32.76 -0.55 0.00	34.17 -0.39 0.00	36.29 -0.19 0.00	51.38 1.04 0.00	53.78 1.21 0.00	52.31 1.38 0.00	54.70 3.06 0.00	59.45 4.41 0.00	71.90 4.23 -8.63	91.43 3.86 -21.76	94.43 3.59 -26.13	74.05 3.87 -10.63	67.40 3.74 -2.05	58.75 1.64 0.00	103.98 0.57 0.00	101.53 0.37 0.00	88.47 1.62 -1.82	75.76 1.61 0.00	66.58 0.72 0.00	77.81 1.98 0.00	60.56 3.26 0.00
OXBOW___ 24026	53.64 2.45 0.00	43.69 0.36 0.00	36.95 -0.28 0.00	32.76 -0.54 0.00	34.17 -0.39 0.00	36.29 -0.19 0.00	51.37 1.04 0.00	53.78 1.21 0.00	52.31 1.38 0.00	54.71 3.07 0.00	59.46 4.41 0.00	71.89 4.22 -8.63	91.41 3.83 -21.76	94.43 3.59 -26.13	74.03 3.85 -10.63	67.38 3.72 -2.05	58.75 1.64 0.00	103.99 0.57 0.00	101.53 0.37 0.00	88.46 1.61 -1.82	75.77 1.62 0.00	66.58 0.72 0.00	77.81 1.97 0.00	60.56 3.26 0.00
OXY_CHEM_DSASP 323612	53.03 1.83 0.00	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.53 0.00	53.21 0.65 0.00	51.75 0.81 0.00	54.08 2.43 0.00	58.71 3.67 0.00	70.67 3.33 -8.30	89.45 2.71 -20.93	92.52 2.67 -25.13	72.74 2.96 -10.22	66.39 2.81 -1.97	57.85 0.73 0.00	102.10 -1.32 0.00	99.64 -1.51 0.00	83.49 0.09 1.63	74.52 0.36 0.00	65.54 -0.32 0.00	76.68 0.84 0.00	59.70 2.40 0.00
OZONE_PARK_ESR 323760	52.71 1.51 0.00	44.79 1.46 0.00	38.46 1.23 0.00	34.50 1.19 0.00	35.73 1.17 0.00	37.62 1.15 0.00	51.47 1.14 0.00	53.72 1.16 0.00	52.60 1.68 0.00	53.33 1.69 0.00	56.97 1.92 0.00	61.31 2.28 0.00	68.43 2.61 0.00	68.25 3.53 0.00	63.50 3.95 0.00	66.27 4.66 0.00	61.87 4.76 0.00	111.62 8.21 0.00	108.26 7.10 0.00	90.66 5.63 0.00	78.47 4.32 0.00	68.77 2.92 0.00	77.69 1.85 0.00	58.35 1.05 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	53.03 1.83 0.00	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.53 0.00	53.21 0.65 0.00	51.75 0.81 0.00	54.08 2.43 0.00	58.71 3.67 0.00	70.67 3.33 -8.30	89.45 2.71 -20.93	92.52 2.67 -25.13	72.74 2.96 -10.22	66.39 2.81 -1.97	57.85 0.73 0.00	102.10 -1.32 0.00	99.64 -1.51 0.00	83.49 0.09 1.63	74.52 0.36 0.00	65.54 -0.32 0.00	76.68 0.84 0.00	59.70 2.40 0.00
PACKARD__115KV_DUPONT_184 80571	53.03 1.83 0.00	43.20 -0.13 0.00	36.57 -0.66 0.00	32.43 -0.88 0.00	33.82 -0.74 0.00	35.93 -0.55 0.00	50.86 0.53 0.00	53.21 0.65 0.00	51.75 0.81 0.00	54.08 2.43 0.00	58.71 3.67 0.00	70.67 3.33 -8.30	89.45 2.71 -20.93	92.52 2.67 -25.13	72.74 2.96 -10.22	66.39 2.81 -1.97	57.85 0.73 0.00	102.10 -1.32 0.00	99.64 -1.51 0.00	83.49 0.09 1.63	74.52 0.36 0.00	65.54 -0.32 0.00	76.68 0.84 0.00	59.70 2.40 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.97 0.77 0.00	44.33 1.00 0.00	38.02 0.80 0.00	34.14 0.83 0.00	35.23 0.67 0.00	37.12 0.64 0.00	50.65 0.31 0.00	52.85 0.28 0.00	51.84 0.91 0.00	52.38 0.73 0.00	55.95 0.90 0.00	60.08 1.05 0.00	66.99 1.17 0.00	66.91 2.19 0.00	62.16 2.60 0.00	64.86 3.25 0.00	60.64 3.53 0.00	109.24 5.82 0.00	105.89 4.74 0.00	88.74 3.71 0.00	76.79 2.64 0.00	67.36 1.51 0.00	76.15 0.32 0.00	57.28 -0.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.70 2.50 0.00	45.79 2.46 0.00	39.27 2.04 0.00	35.27 1.96 0.00	36.40 1.84 0.00	38.39 1.92 0.00	52.45 2.11 0.00	54.70 2.13 0.00	53.66 2.73 0.00	54.16 2.52 0.00	57.72 2.68 0.00	62.01 2.97 0.00	68.98 3.16 0.00	68.72 4.00 0.00	63.90 4.34 0.00	66.70 5.08 0.00	62.34 5.23 0.00	112.22 8.81 0.00	108.71 7.55 0.00	91.09 6.06 0.00	78.81 4.66 0.00	69.18 3.32 0.00	78.31 2.47 0.00	58.87 1.57 0.00
PATROON__115KV_TB1 80586	51.42 0.23 0.00	43.78 0.45 0.00	37.71 0.49 0.00	33.82 0.51 0.00	35.06 0.50 0.00	36.92 0.44 0.00	50.36 0.03 0.00	52.50 -0.06 0.00	50.91 -0.03 0.00	51.44 -0.20 0.00	54.44 -0.61 0.00	58.50 -0.53 0.00	65.36 -0.45 0.00	65.03 0.31 0.00	60.24 0.68 0.00	62.55 0.93 0.00	58.20 1.09 0.00	105.60 2.19 0.00	103.12 1.96 0.00	86.58 1.55 0.00	75.15 0.99 0.00	66.43 0.57 0.00	75.99 0.15 0.00	56.98 -0.31 0.00
PATTRSNVILLE___SOLAR 323815	52.58 1.38 0.00	44.55 1.22 0.00	38.22 0.99 0.00	34.21 0.90 0.00	35.49 0.93 0.00	37.45 0.97 0.00	51.55 1.22 0.00	53.53 0.97 0.00	51.44 0.51 0.00	51.82 0.18 0.00	55.03 -0.01 0.00	59.11 0.08 0.00	66.01 0.20 0.00	65.35 0.64 0.00	60.37 0.81 0.00	62.64 1.03 0.00	58.25 1.14 0.00	106.17 2.76 0.00	104.59 3.43 0.00	88.64 3.61 0.00	77.19 3.04 0.00	68.26 2.40 0.00	78.11 2.27 0.00	58.78 1.48 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	53.82 2.62 0.00	44.02 0.69 0.00	37.31 0.09 0.00	33.08 -0.23 0.00	34.53 -0.03 0.00	36.61 0.13 0.00	51.83 1.49 0.00	54.27 1.70 0.00	52.84 1.91 0.00	55.10 3.46 0.00	59.84 4.79 0.00	71.49 4.76 -7.70	90.13 4.91 -19.40	93.01 4.99 -23.30	74.28 5.25 -9.48	68.59 5.15 -1.83	60.48 3.36 0.00	107.73 4.32 0.00	105.24 4.08 0.00	89.81 4.49 -0.29	77.99 3.84 0.00	68.29 2.44 0.00	78.90 3.07 0.00	60.94 3.64 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	52.44 1.24 0.00	44.51 1.18 0.00	38.19 0.96 0.00	34.23 0.92 0.00	35.47 0.91 0.00	37.36 0.88 0.00	51.13 0.79 0.00	53.44 0.88 0.00	52.19 1.26 0.00	52.90 1.26 0.00	56.46 1.42 0.00	60.80 1.77 0.00	67.96 2.14 0.00	67.82 3.11 0.00	63.10 3.54 0.00	65.87 4.26 0.00	61.34 4.23 0.00	110.53 7.12 0.00	107.94 6.78 0.00	90.52 5.49 0.00	78.28 4.12 0.00	68.66 2.81 0.00	77.71 1.87 0.00	58.27 0.97 0.00
PEEKSKILL___ 23653	51.89 0.69 0.00	44.08 0.75 0.00	37.84 0.62 0.00	33.92 0.62 0.00	35.17 0.61 0.00	37.02 0.54 0.00	50.66 0.33 0.00	52.95 0.39 0.00	51.71 0.78 0.00	52.37 0.73 0.00	55.88 0.83 0.00	60.11 1.07 0.00	67.07 1.26 0.00	66.88 2.16 0.00	62.17 2.61 0.00	64.86 3.25 0.00	60.60 3.48 0.00	109.39 5.98 0.00	106.29 5.13 0.00	89.04 4.01 0.00	77.05 2.90 0.00	67.67 1.81 0.00	76.55 0.71 0.00	57.48 0.18 0.00
PGE MADISON___WINDPWR 24146	54.50 2.60 -0.70	45.59 2.26 0.00	39.22 1.97 -0.02	35.12 1.82 0.00	36.61 2.05 0.00	38.78 2.30 0.00	54.00 3.66 0.00	56.35 3.75 -0.05	54.62 3.37 -0.32	55.27 3.62 0.00	59.15 4.10 0.00	63.47 4.43 0.00	71.10 5.28 0.00	70.42 5.70 0.00	65.48 5.93 0.00	68.02 6.41 0.00	63.28 6.17 0.00	114.68 11.26 0.00	113.70 12.32 -0.22	98.87 11.50 -2.34	85.42 9.69 -1.58	74.70 7.86 -0.97	83.63 7.57 -0.23	62.17 4.87 0.00

PIERCEFIELD___HYD 23852	53.91 1.62 -1.08	44.45 1.12 0.00	38.34 1.11 -0.01	34.26 0.95 0.00	35.42 0.86 0.00	37.53 1.05 0.00	52.25 1.91 0.00	54.75 2.17 -0.02	52.73 1.68 -0.12	52.58 0.93 0.00	55.92 0.88 0.00	59.88 0.84 0.00	66.50 0.68 0.00	63.75 -0.97 0.00	57.65 -1.90 0.00	59.32 -2.29 0.00	54.84 -2.27 0.00	99.65 -3.76 0.00	98.42 -2.83 -0.08	84.11 -1.80 -0.88	74.05 -0.69 -0.59	66.05 -0.17 -0.37	77.60 1.67 -0.08	60.64 1.90 -1.45
PINELAWN_CC_1 323563	51.66 0.47 0.00	43.84 0.50 0.00	37.67 0.44 0.00	33.69 0.39 0.00	34.91 0.35 0.00	36.76 0.29 0.00	49.91 -0.43 0.00	52.37 -0.20 0.00	51.20 0.27 0.00	52.17 0.53 0.00	56.35 1.14 -0.17	61.41 0.82 -1.55	72.00 1.04 -5.15	73.34 2.40 -6.23	74.89 2.20 -13.15	72.16 3.05 -7.49	72.44 3.39 -11.93	118.27 5.52 -9.34	113.69 4.65 -7.88	97.28 3.39 -8.86	76.23 2.07 0.00	66.94 1.09 0.00	75.18 -0.66 0.00	56.90 -0.40 0.00
PJM_GEN_HTTP_PROXY 323702	51.93 0.85 0.11	44.26 0.92 0.00	38.03 0.80 0.00	34.12 0.81 0.00	35.35 0.78 0.00	37.21 0.73 0.00	50.85 0.52 0.00	53.08 0.52 0.00	51.96 1.04 0.00	52.66 1.02 0.00	58.79 1.16 -2.59	60.45 1.42 0.00	67.45 1.63 0.00	67.27 2.55 0.00	62.56 3.00 0.00	65.29 3.67 0.00	60.96 3.85 0.00	109.99 6.58 0.00	106.67 5.51 0.00	85.95 4.26 3.33	77.25 3.10 0.00	67.75 1.89 0.00	76.53 0.69 0.00	57.49 0.19 0.00
PJM_GEN_KEystone 24065	48.94 0.43 2.68	43.30 -0.03 0.00	37.07 -0.16 0.00	33.07 -0.24 0.00	34.43 -0.13 0.00	36.31 -0.16 0.00	50.36 0.02 0.00	52.70 0.14 0.00	51.29 0.36 0.00	52.45 0.80 0.00	58.89 1.26 -2.58	63.03 1.22 -2.77	74.06 1.26 -6.99	74.89 1.79 -8.39	65.26 2.29 -3.41	64.92 2.65 -0.66	59.47 2.36 0.00	106.65 3.24 0.00	103.85 2.69 0.00	88.09 2.63 -0.42	75.93 1.78 0.00	66.79 0.93 0.00	76.08 0.25 0.00	58.15 0.44 -0.41
PJM_GEN_NEPTUNE_PROXY 323594	51.59 0.50 0.11	43.92 0.59 0.00	37.74 0.51 0.00	33.78 0.47 0.00	35.00 0.44 0.00	36.85 0.37 0.00	50.11 -0.23 0.00	52.47 -0.10 0.00	51.31 0.38 0.00	52.20 0.56 0.00	58.76 0.96 -2.76	59.88 0.84 0.00	66.83 1.24 0.22	66.02 2.42 1.11	61.66 2.32 0.22	64.61 3.11 0.10	60.52 3.40 0.00	108.99 5.58 0.00	105.81 4.65 0.00	85.12 3.42 3.33	76.30 2.15 0.00	67.03 1.17 0.00	75.43 -0.40 0.00	56.87 -0.43 0.00
PJM_GEN_VFT_PROXY 323633	51.57 0.49 0.12	44.00 0.67 0.00	37.83 0.60 0.00	33.94 0.64 0.00	35.16 0.60 0.00	37.01 0.53 0.00	50.55 0.22 0.00	52.72 0.15 0.00	51.64 0.70 0.00	52.30 0.66 0.00	58.25 0.73 -2.48	60.04 1.00 0.00	66.98 1.16 0.00	66.78 2.06 0.00	62.16 2.61 0.00	64.86 3.25 0.00	60.62 3.51 0.00	109.35 5.94 0.00	106.05 4.89 0.00	85.43 3.73 3.33	76.84 2.69 0.00	67.28 1.43 0.00	75.94 0.11 0.00	57.06 -0.23 0.00
PLATSBURG_115KV_PMLD1 355749	51.49 0.29 0.00	43.48 0.14 0.00	37.54 0.31 0.00	33.72 0.41 0.00	34.90 0.34 0.00	36.68 0.20 0.00	50.73 0.39 0.00	53.49 0.92 0.00	51.81 0.88 0.00	52.50 0.85 0.00	56.01 0.97 0.00	60.14 1.11 0.00	66.99 1.18 0.00	65.03 0.32 0.00	59.21 -0.35 0.00	61.16 -0.45 0.00	56.53 -0.57 0.00	102.62 -0.80 0.00	100.39 -0.77 0.00	84.63 -0.41 0.00	74.11 -0.05 0.00	65.97 0.12 0.00	76.74 0.90 0.00	58.10 0.80 0.00
PLEASANTVLY___LBMP 24000	51.70 0.51 0.00	43.95 0.62 0.00	37.74 0.51 0.00	33.85 0.54 0.00	35.08 0.52 0.00	36.92 0.44 0.00	50.49 0.15 0.00	52.73 0.16 0.00	51.42 0.49 0.00	52.02 0.38 0.00	55.42 0.37 0.00	59.61 0.58 0.00	66.54 0.73 0.00	66.35 1.64 0.00	61.62 2.07 0.00	64.23 2.62 0.00	59.90 2.79 0.00	108.28 4.87 0.00	105.31 4.15 0.00	88.28 3.25 0.00	76.45 2.30 0.00	67.24 1.38 0.00	76.26 0.42 0.00	57.21 -0.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	52.07 0.87 0.00	44.23 0.90 0.00	37.99 0.76 0.00	34.06 0.75 0.00	35.30 0.74 0.00	37.16 0.68 0.00	50.83 0.49 0.00	53.09 0.52 0.00	51.87 0.94 0.00	52.53 0.88 0.00	56.06 1.01 0.00	60.31 1.28 0.00	67.35 1.54 0.00	67.18 2.46 0.00	62.42 2.87 0.00	65.15 3.54 0.00	60.82 3.71 0.00	109.79 6.38 0.00	106.63 5.47 0.00	89.31 4.27 0.00	77.26 3.11 0.00	67.84 1.98 0.00	76.76 0.92 0.00	57.62 0.32 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.07 0.87 0.00	44.23 0.90 0.00	37.99 0.76 0.00	34.06 0.75 0.00	35.30 0.74 0.00	37.16 0.68 0.00	50.83 0.49 0.00	53.09 0.52 0.00	51.87 0.94 0.00	52.53 0.88 0.00	56.06 1.01 0.00	60.31 1.28 0.00	67.35 1.54 0.00	67.18 2.46 0.00	62.42 2.87 0.00	65.15 3.54 0.00	60.82 3.71 0.00	109.79 6.38 0.00	106.63 5.47 0.00	89.31 4.27 0.00	77.26 3.11 0.00	67.84 1.98 0.00	76.76 0.92 0.00	57.62 0.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.14 0.94 0.00	44.28 0.94 0.00	37.99 0.76 0.00	34.05 0.74 0.00	35.29 0.73 0.00	37.15 0.67 0.00	50.85 0.52 0.00	53.14 0.57 0.00	51.95 1.02 0.00	52.58 0.94 0.00	56.04 0.99 0.00	60.26 1.22 0.00	67.29 1.48 0.00	67.12 2.40 0.00	62.42 2.87 0.00	65.14 3.53 0.00	60.71 3.60 0.00	109.53 6.12 0.00	106.96 5.80 0.00	89.74 4.71 0.00	77.65 3.50 0.00	68.19 2.34 0.00	77.27 1.43 0.00	57.95 0.65 0.00
POLETTI_____ 23519	51.89 0.69 0.00	44.13 0.80 0.00	37.93 0.71 0.00	34.07 0.76 0.00	35.28 0.72 0.00	37.12 0.64 0.00	50.71 0.37 0.00	52.91 0.34 0.00	51.80 0.87 0.00	52.49 0.84 0.00	56.00 0.96 0.00	60.26 1.23 0.00	67.23 1.42 0.00	67.04 2.32 0.00	62.38 2.83 0.00	65.10 3.49 0.00	60.81 3.69 0.00	109.69 6.27 0.00	106.35 5.19 0.00	89.00 3.97 0.00	77.03 2.88 0.00	67.52 1.67 0.00	76.26 0.42 0.00	57.28 -0.02 0.00
POMONA___ESR 323819	51.87 0.68 0.00	44.05 0.72 0.00	37.81 0.58 0.00	33.88 0.57 0.00	35.12 0.56 0.00	36.96 0.48 0.00	50.63 0.30 0.00	53.00 0.44 0.00	51.77 0.83 0.00	52.46 0.82 0.00	56.01 0.97 0.00	60.25 1.22 0.00	67.21 1.39 0.00	67.01 2.30 0.00	62.33 2.77 0.00	65.08 3.46 0.00	60.79 3.68 0.00	109.77 6.36 0.00	106.61 5.45 0.00	89.28 4.25 0.00	77.24 3.09 0.00	67.81 1.96 0.00	76.67 0.83 0.00	57.58 0.28 0.00
PORT_JEFF_3 23555	52.03 0.84 0.00	44.17 0.83 0.00	38.03 0.80 0.00	34.00 0.70 0.00	35.25 0.68 0.00	37.07 0.59 0.00	49.96 -0.38 0.00	52.42 -0.14 0.00	51.38 0.45 0.00	52.41 0.77 0.00	56.72 1.51 -0.17	80.59 1.31 -20.25	150.55 1.74 -82.99	176.69 3.08 -108.89	271.76 2.60 -209.60	184.05 3.30 -119.14	248.21 3.57 -187.53	255.85 5.64 -146.79	229.72 4.79 -123.78	227.73 3.48 -139.23	76.10 1.95 0.00	66.98 1.12 0.00	74.95 -0.89 0.00	56.94 -0.36 0.00
PORT_JEFF_4 23616	52.03 0.84 0.00	44.17 0.83 0.00	38.03 0.80 0.00	34.00 0.70 0.00	35.25 0.68 0.00	37.07 0.59 0.00	49.96 -0.38 0.00	52.42 -0.14 0.00	51.38 0.45 0.00	52.41 0.77 0.00	56.72 1.51 -0.17	80.59 1.31 -20.25	150.55 1.74 -82.99	176.69 3.08 -108.89	271.76 2.60 -209.60	184.05 3.30 -119.14	248.21 3.57 -187.53	255.85 5.64 -146.79	229.72 4.79 -123.78	227.73 3.48 -139.23	76.10 1.95 0.00	66.98 1.12 0.00	74.95 -0.89 0.00	56.94 -0.36 0.00

PORT_JEFF_IC 23713	52.15 0.96 0.00	44.26 0.92 0.00	38.12 0.89 0.00	34.07 0.76 0.00	35.32 0.76 0.00	37.14 0.66 0.00	50.07 -0.26 0.00	52.48 -0.08 0.00	51.43 0.50 0.00	52.49 0.84 0.00	56.84 1.63 -0.17	77.97 1.42 -17.51	163.25 1.84 -95.59	193.76 3.35 -125.70	304.03 2.77 -241.71	202.50 3.50 -137.38	277.10 3.76 -216.23	278.69 6.01 -169.26	248.99 5.11 -142.72	249.35 3.78 -160.53	76.27 2.12 0.00	67.10 1.24 0.00	75.04 -0.79 0.00	57.19 -0.11 0.00
PPL PILGRIM_ST_GT1 24216	52.47 1.27 0.00	44.51 1.18 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.45 0.89 0.00	37.33 0.85 0.00	50.61 0.28 0.00	53.12 0.55 0.00	51.95 1.02 0.00	52.96 1.32 0.00	57.28 2.07 -0.17	65.97 1.88 -5.05	84.79 2.16 -16.82	89.85 3.59 -21.54	105.39 3.20 -42.63	89.87 4.01 -24.25	99.39 4.02 -38.26	139.82 6.46 -29.95	132.00 5.59 -25.25	117.62 4.18 -28.41	77.22 3.07 0.00	67.91 2.06 0.00	76.29 0.46 0.00	57.59 0.30 0.00
PPL PILGRIM_ST_GT2 24217	52.47 1.27 0.00	44.51 1.18 0.00	38.27 1.04 0.00	34.20 0.90 0.00	35.45 0.89 0.00	37.33 0.85 0.00	50.61 0.28 0.00	53.12 0.55 0.00	51.95 1.02 0.00	52.96 1.32 0.00	57.28 2.07 -0.17	65.97 1.88 -5.05	84.79 2.16 -16.82	89.85 3.59 -21.54	105.39 3.20 -42.63	89.87 4.01 -24.25	99.39 4.02 -38.26	139.82 6.46 -29.95	132.00 5.59 -25.25	117.62 4.18 -28.41	77.22 3.07 0.00	67.91 2.06 0.00	76.29 0.46 0.00	57.59 0.30 0.00
PPL_SHRM_GT3 24213	52.02 0.82 0.00	44.17 0.84 0.00	38.21 0.98 0.00	34.17 0.86 0.00	35.42 0.86 0.00	37.26 0.78 0.00	50.06 -0.27 0.00	52.93 0.36 0.00	51.94 1.01 0.00	53.05 1.41 0.00	57.45 2.24 -0.17	80.45 2.12 -19.30	153.39 2.84 -84.73	180.13 4.18 -111.23	277.44 3.82 -214.07	187.99 4.70 -121.68	253.54 4.91 -191.52	261.25 7.91 -149.92	234.67 7.10 -126.41	232.83 5.61 -142.19	77.56 3.41 0.00	68.30 2.44 0.00	76.15 0.31 0.00	57.66 0.36 0.00
PPL_SHRM_GT4 24214	52.02 0.82 0.00	44.17 0.84 0.00	38.21 0.98 0.00	34.17 0.86 0.00	35.42 0.86 0.00	37.26 0.78 0.00	50.06 -0.27 0.00	52.93 0.36 0.00	51.94 1.01 0.00	53.05 1.41 0.00	57.45 2.24 -0.17	80.45 2.12 -19.30	153.39 2.84 -84.73	180.13 4.18 -111.23	277.44 3.82 -214.07	187.99 4.70 -121.68	253.54 4.91 -191.52	261.25 7.91 -149.92	234.67 7.10 -126.41	232.83 5.61 -142.19	77.56 3.41 0.00	68.30 2.44 0.00	76.15 0.31 0.00	57.66 0.36 0.00
PROJECT___ORANGE 1 24174	51.07 -0.17 -0.05	42.97 -0.36 0.00	36.80 -0.46 -0.03	32.84 -0.47 0.00	34.13 -0.44 0.00	36.07 -0.41 0.00	50.00 -0.34 0.00	52.27 -0.36 -0.06	50.97 -0.39 -0.42	51.56 -0.08 0.00	55.26 0.21 0.00	59.25 0.21 0.00	66.18 0.36 0.00	65.35 0.63 0.00	60.40 0.84 0.00	62.59 0.97 0.00	57.87 0.76 0.00	104.53 1.11 0.00	102.68 1.22 -0.30	89.49 1.35 -3.11	77.27 1.02 -2.10	67.71 0.56 -1.30	76.32 0.17 -0.30	57.43 0.13 0.00
PROJECT___ORANGE 2 24166	51.07 -0.17 -0.05	42.97 -0.36 0.00	36.80 -0.46 -0.03	32.84 -0.47 0.00	34.13 -0.44 0.00	36.07 -0.41 0.00	50.00 -0.34 0.00	52.27 -0.36 -0.06	50.97 -0.39 -0.42	51.56 -0.08 0.00	55.26 0.21 0.00	59.25 0.21 0.00	66.18 0.36 0.00	65.35 0.63 0.00	60.40 0.84 0.00	62.59 0.97 0.00	57.87 0.76 0.00	104.53 1.11 0.00	102.68 1.22 -0.30	89.49 1.35 -3.11	77.27 1.02 -2.10	67.71 0.56 -1.30	76.32 0.17 -0.30	57.43 0.13 0.00
PUCKETT___SOLAR 323809	52.68 0.73 -0.75	43.92 0.59 0.00	37.73 0.48 -0.02	33.70 0.39 0.00	35.08 0.52 0.00	37.05 0.57 0.00	51.43 1.10 0.00	53.62 1.02 -0.04	51.97 0.75 -0.30	52.45 0.80 0.00	56.11 1.06 0.00	60.00 0.96 0.00	67.02 1.21 0.00	66.38 1.67 0.00	61.61 2.06 0.00	63.92 2.30 0.00	59.37 2.26 0.00	107.31 3.90 0.00	105.90 4.53 -0.21	91.82 4.62 -2.16	79.35 3.74 -1.46	69.64 2.88 -0.90	78.49 2.44 -0.21	58.96 1.66 0.00
PYRITES___HYD 24023	55.20 2.87 -1.14	45.50 2.17 0.00	39.27 2.04 0.00	35.09 1.79 0.00	36.32 1.76 0.00	38.49 2.01 0.00	53.57 3.23 0.00	55.88 3.31 0.00	53.36 2.43 0.00	53.18 1.54 0.00	56.56 1.51 0.00	60.57 1.54 0.00	67.28 1.47 0.00	64.68 -0.04 0.00	58.62 -0.94 0.00	60.21 -1.40 0.00	55.78 -1.33 0.00	101.09 -2.33 0.00	100.54 -0.62 0.00	85.72 0.68 0.00	75.94 1.79 0.00	67.90 2.04 0.00	79.91 4.07 0.00	62.45 3.62 -1.54
QUAKERRD_115KV_BK1 80622	51.87 0.68 0.00	43.02 -0.31 0.00	36.61 -0.62 0.00	32.59 -0.72 0.00	33.92 -0.64 0.00	35.96 -0.52 0.00	50.31 -0.02 0.00	52.66 0.09 0.00	51.12 0.19 0.00	52.76 1.12 0.00	56.96 1.92 0.00	45.12 2.04 15.95	27.81 2.21 40.21	18.76 2.33 48.29	42.38 2.47 19.65	60.22 2.40 3.79	58.35 1.23 0.00	104.55 1.13 0.00	102.42 1.27 0.00	86.89 1.86 0.00	75.74 1.59 0.00	66.73 0.87 0.00	76.74 0.90 0.00	58.55 1.25 0.00
QUENSBRY_115KV_TB8 356137	53.59 2.39 0.00	45.15 1.82 0.00	38.93 1.70 0.00	35.02 1.71 0.00	36.33 1.77 0.00	38.30 1.82 0.00	52.50 2.16 0.00	54.91 2.34 0.00	53.07 2.14 0.00	53.38 1.74 0.00	56.14 1.10 0.00	60.46 1.43 0.00	67.89 2.08 0.00	67.45 2.73 0.00	62.46 2.91 0.00	65.30 3.68 0.00	60.81 3.70 0.00	111.69 8.27 0.00	109.58 8.42 0.00	92.76 7.73 0.00	79.33 5.17 0.00	69.97 4.12 0.00	80.25 4.42 0.00	59.89 2.59 0.00
RAMAPO___LBMP 323565	51.66 0.47 0.00	43.88 0.55 0.00	37.66 0.44 0.00	33.76 0.45 0.00	35.01 0.45 0.00	36.85 0.37 0.00	50.47 0.14 0.00	52.80 0.24 0.00	51.53 0.60 0.00	52.21 0.57 0.00	55.69 0.64 0.00	59.92 0.88 0.00	66.81 1.00 0.00	66.59 1.88 0.00	61.91 2.36 0.00	64.62 3.01 0.00	60.37 3.26 0.00	108.98 5.57 0.00	105.92 4.76 0.00	88.76 3.72 0.00	76.81 2.66 0.00	67.48 1.62 0.00	76.33 0.49 0.00	57.35 0.05 0.00
RANKINE____ 23646	54.04 2.84 0.00	44.13 0.79 0.00	37.37 0.14 0.00	33.14 -0.16 0.00	34.59 0.03 0.00	36.70 0.22 0.00	51.98 1.64 0.00	54.41 1.84 0.00	52.92 1.99 0.00	55.22 3.58 0.00	59.99 4.94 0.00	71.80 4.93 -7.84	90.58 5.01 -19.75	93.39 4.96 -23.72	74.43 5.23 -9.65	68.56 5.09 -1.86	60.28 3.16 0.00	107.22 3.81 0.00	104.77 3.61 0.00	89.63 4.25 -0.35	77.93 3.78 0.00	68.34 2.49 0.00	79.11 3.27 0.00	61.25 3.94 0.00
RAVENSWOOD_GT2_1 24244	52.07 0.87 0.00	44.29 0.96 0.00	38.05 0.82 0.00	34.14 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.89 0.56 0.00	53.10 0.53 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.20 1.16 0.00	60.45 1.41 0.00	67.43 1.61 0.00	67.26 2.54 0.00	62.55 2.99 0.00	65.25 3.64 0.00	60.93 3.82 0.00	109.90 6.49 0.00	106.62 5.46 0.00	89.25 4.22 0.00	77.26 3.11 0.00	67.71 1.85 0.00	76.50 0.67 0.00	57.47 0.17 0.00
RAVENSWOOD_GT2_2 24245	52.07 0.87 0.00	44.29 0.96 0.00	38.05 0.82 0.00	34.14 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.89 0.56 0.00	53.10 0.53 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.20 1.16 0.00	60.45 1.41 0.00	67.43 1.61 0.00	67.26 2.54 0.00	62.55 2.99 0.00	65.25 3.64 0.00	60.93 3.82 0.00	109.90 6.49 0.00	106.62 5.46 0.00	89.25 4.22 0.00	77.26 3.11 0.00	67.71 1.85 0.00	76.50 0.67 0.00	57.47 0.17 0.00

RAVENSWOOD_GT2_3 24246	52.09 0.89 0.00	44.30 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.57 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.43 0.00	67.45 1.63 0.00	67.28 2.57 0.00	62.60 3.04 0.00	65.30 3.68 0.00	60.97 3.86 0.00	110.00 6.59 0.00	106.67 5.51 0.00	89.32 4.28 0.00	77.31 3.15 0.00	67.76 1.90 0.00	76.56 0.72 0.00	57.51 0.21 0.00
RAVENSWOOD_GT2_4 24247	52.09 0.89 0.00	44.30 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.57 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.43 0.00	67.45 1.63 0.00	67.28 2.57 0.00	62.60 3.04 0.00	65.30 3.68 0.00	60.97 3.86 0.00	110.00 6.59 0.00	106.67 5.51 0.00	89.32 4.28 0.00	77.31 3.15 0.00	67.76 1.90 0.00	76.56 0.72 0.00	57.51 0.21 0.00
RAVENSWOOD_GT3_1 24248	52.08 0.89 0.00	44.29 0.96 0.00	38.05 0.82 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.56 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.42 0.00	67.45 1.63 0.00	67.26 2.54 0.00	62.55 3.00 0.00	65.26 3.65 0.00	60.93 3.82 0.00	109.91 6.50 0.00	106.62 5.46 0.00	89.25 4.22 0.00	77.26 3.11 0.00	67.72 1.86 0.00	76.51 0.67 0.00	57.47 0.18 0.00
RAVENSWOOD_GT3_2 24249	52.08 0.89 0.00	44.29 0.96 0.00	38.05 0.82 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.56 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.42 0.00	67.45 1.63 0.00	67.26 2.54 0.00	62.55 3.00 0.00	65.26 3.65 0.00	60.93 3.82 0.00	109.91 6.50 0.00	106.62 5.46 0.00	89.25 4.22 0.00	77.26 3.11 0.00	67.72 1.86 0.00	76.51 0.67 0.00	57.47 0.18 0.00
RAVENSWOOD_GT3_3 24250	52.19 0.99 0.00	44.38 1.05 0.00	38.12 0.90 0.00	34.21 0.91 0.00	35.44 0.88 0.00	37.31 0.83 0.00	51.00 0.67 0.00	53.23 0.66 0.00	52.11 1.18 0.00	52.79 1.15 0.00	56.37 1.32 0.00	60.62 1.58 0.00	67.63 1.81 0.00	67.43 2.71 0.00	62.72 3.16 0.00	65.43 3.81 0.00	61.09 3.98 0.00	110.21 6.79 0.00	106.87 5.72 0.00	89.48 4.45 0.00	77.45 3.30 0.00	67.89 2.03 0.00	76.70 0.86 0.00	57.61 0.31 0.00
RAVENSWOOD_GT3_4 24251	52.19 0.99 0.00	44.38 1.05 0.00	38.12 0.90 0.00	34.21 0.91 0.00	35.44 0.88 0.00	37.31 0.83 0.00	51.00 0.67 0.00	53.23 0.66 0.00	52.11 1.18 0.00	52.79 1.15 0.00	56.37 1.32 0.00	60.62 1.58 0.00	67.63 1.81 0.00	67.43 2.71 0.00	62.72 3.16 0.00	65.43 3.81 0.00	61.09 3.98 0.00	110.21 6.79 0.00	106.87 5.72 0.00	89.48 4.45 0.00	77.45 3.30 0.00	67.89 2.03 0.00	76.70 0.86 0.00	57.61 0.31 0.00
RAVENSWOOD_GT_1 23729	51.98 0.78 0.00	44.35 1.02 0.00	38.09 0.86 0.00	34.20 0.89 0.00	35.35 0.79 0.00	37.24 0.76 0.00	50.83 0.49 0.00	52.93 0.37 0.00	51.93 1.00 0.00	52.52 0.88 0.00	56.07 1.02 0.00	60.21 1.18 0.00	67.14 1.33 0.00	67.05 2.34 0.00	62.33 2.77 0.00	65.05 3.44 0.00	60.83 3.72 0.00	109.54 6.13 0.00	106.17 5.01 0.00	88.85 3.82 0.00	76.86 2.71 0.00	67.38 1.53 0.00	76.11 0.27 0.00	57.30 0.01 0.00
RAVENSWOOD_GT_10 24258	52.09 0.90 0.00	44.29 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.24 0.76 0.00	50.90 0.57 0.00	53.12 0.55 0.00	51.99 1.06 0.00	52.66 1.02 0.00	56.22 1.17 0.00	60.46 1.43 0.00	67.45 1.64 0.00	67.28 2.56 0.00	62.57 3.02 0.00	65.28 3.66 0.00	60.93 3.82 0.00	109.93 6.52 0.00	106.65 5.49 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.74 1.88 0.00	76.53 0.69 0.00	57.49 0.19 0.00
RAVENSWOOD_GT_11 24259	52.09 0.90 0.00	44.29 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.24 0.76 0.00	50.90 0.57 0.00	53.12 0.55 0.00	51.99 1.06 0.00	52.66 1.02 0.00	56.22 1.17 0.00	60.46 1.43 0.00	67.45 1.64 0.00	67.28 2.56 0.00	62.57 3.02 0.00	65.28 3.66 0.00	60.93 3.82 0.00	109.93 6.52 0.00	106.65 5.49 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.74 1.88 0.00	76.53 0.69 0.00	57.49 0.19 0.00
RAVENSWOOD_GT_4 24252	52.09 0.89 0.00	44.30 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.57 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.43 0.00	67.45 1.63 0.00	67.27 2.56 0.00	62.56 3.01 0.00	65.26 3.65 0.00	60.93 3.82 0.00	109.92 6.51 0.00	106.64 5.48 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.73 1.87 0.00	76.51 0.67 0.00	57.48 0.18 0.00
RAVENSWOOD_GT_5 24254	52.09 0.89 0.00	44.30 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.57 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.43 0.00	67.45 1.63 0.00	67.27 2.56 0.00	62.56 3.01 0.00	65.26 3.65 0.00	60.93 3.82 0.00	109.92 6.51 0.00	106.64 5.48 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.73 1.87 0.00	76.51 0.67 0.00	57.48 0.18 0.00
RAVENSWOOD_GT_6 24253	52.09 0.89 0.00	44.30 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.57 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.43 0.00	67.45 1.63 0.00	67.27 2.56 0.00	62.56 3.01 0.00	65.26 3.65 0.00	60.93 3.82 0.00	109.92 6.51 0.00	106.64 5.48 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.73 1.87 0.00	76.51 0.67 0.00	57.48 0.18 0.00
RAVENSWOOD_GT_7 24255	52.09 0.89 0.00	44.30 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.57 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.43 0.00	67.45 1.63 0.00	67.27 2.56 0.00	62.56 3.01 0.00	65.26 3.65 0.00	60.93 3.82 0.00	109.92 6.51 0.00	106.64 5.48 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.73 1.87 0.00	76.51 0.67 0.00	57.48 0.18 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	52.09 0.90 0.00	44.29 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.24 0.76 0.00	50.90 0.57 0.00	53.12 0.55 0.00	51.99 1.06 0.00	52.66 1.02 0.00	56.22 1.17 0.00	60.46 1.43 0.00	67.45 1.64 0.00	67.28 2.56 0.00	62.57 3.02 0.00	65.28 3.66 0.00	60.93 3.82 0.00	109.93 6.52 0.00	106.65 5.49 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.74 1.88 0.00	76.53 0.69 0.00	57.49 0.19 0.00
RAVENSWOOD_GT_9 24257	52.09 0.90 0.00	44.29 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.24 0.76 0.00	50.90 0.57 0.00	53.12 0.55 0.00	51.99 1.06 0.00	52.66 1.02 0.00	56.22 1.17 0.00	60.46 1.43 0.00	67.45 1.64 0.00	67.28 2.56 0.00	62.57 3.02 0.00	65.28 3.66 0.00	60.93 3.82 0.00	109.93 6.52 0.00	106.65 5.49 0.00	89.26 4.23 0.00	77.26 3.11 0.00	67.74 1.88 0.00	76.53 0.69 0.00	57.49 0.19 0.00

RAVENSWOOD___1 23533	51.80 0.61 0.00	44.25 0.91 0.00	38.00 0.77 0.00	34.12 0.81 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.66 0.33 0.00	52.80 0.23 0.00	51.86 0.93 0.00	52.44 0.79 0.00	56.00 0.95 0.00	60.12 1.08 0.00	67.03 1.21 0.00	66.94 2.22 0.00	62.24 2.69 0.00	64.94 3.33 0.00	60.75 3.64 0.00	109.44 6.03 0.00	106.00 4.85 0.00	88.73 3.70 0.00	76.76 2.61 0.01	67.28 1.43 0.01	76.01 0.17 0.01	57.23 -0.07 0.00
RAVENSWOOD___2 23534	51.53 0.33 0.00	44.11 0.78 0.00	37.94 0.71 0.00	34.07 0.77 0.00	35.21 0.65 0.00	37.09 0.61 0.00	50.56 0.22 0.00	52.46 -0.10 0.00	51.45 0.52 0.00	51.98 0.34 0.00	55.47 0.42 0.00	59.56 0.53 0.00	66.39 0.57 0.00	66.33 1.62 0.00	61.67 2.12 0.00	64.38 2.76 0.00	60.31 3.20 0.00	108.48 5.07 0.00	105.09 3.94 0.00	87.93 2.90 0.00	76.05 1.91 0.01	66.71 0.86 0.01	75.32 -0.52 0.01	56.81 -0.49 0.00
RAVENSWOOD___3 23535	52.09 0.89 0.00	44.30 0.96 0.00	38.06 0.83 0.00	34.15 0.84 0.00	35.37 0.81 0.00	37.23 0.75 0.00	50.90 0.57 0.00	53.11 0.55 0.00	51.98 1.05 0.00	52.66 1.02 0.00	56.21 1.16 0.00	60.46 1.42 0.00	67.45 1.63 0.00	67.25 2.53 0.00	62.56 3.00 0.00	65.26 3.65 0.00	60.93 3.83 0.00	109.93 6.51 0.00	106.63 5.47 0.00	89.26 4.23 0.00	77.25 3.10 0.00	67.72 1.87 0.00	76.51 0.67 0.00	57.48 0.18 0.00
RAVENSWOOD___4 23820	51.80 0.61 0.00	44.25 0.91 0.00	38.00 0.77 0.00	34.12 0.81 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.66 0.33 0.00	52.74 0.18 0.00	51.79 0.86 0.00	52.36 0.71 0.00	55.93 0.88 0.00	60.04 1.01 0.00	66.92 1.11 0.00	66.86 2.14 0.00	62.17 2.61 0.00	64.87 3.26 0.00	60.68 3.57 0.00	109.26 5.85 0.00	105.88 4.73 0.00	88.61 3.58 0.00	76.64 2.50 0.01	67.21 1.36 0.01	75.90 0.07 0.01	57.15 -0.15 0.00
RCPL_TRUST___DRP 24196	52.10 0.91 0.00	44.31 0.97 0.00	38.07 0.85 0.00	34.16 0.85 0.00	35.39 0.83 0.00	37.26 0.78 0.00	50.95 0.61 0.00	53.18 0.61 0.00	52.05 1.13 0.00	52.76 1.12 0.00	56.31 1.27 0.00	60.57 1.54 0.00	67.57 1.75 0.00	67.41 2.69 0.00	62.69 3.13 0.00	65.41 3.80 0.00	61.10 3.99 0.00	110.20 6.79 0.00	106.86 5.71 0.00	89.42 4.39 0.00	77.37 3.22 0.00	67.82 1.96 0.00	76.63 0.79 0.00	57.55 0.25 0.00
RED___ROCHESTER 323720	52.86 2.72 1.06	44.52 1.19 0.00	37.83 0.60 0.00	33.63 0.32 0.00	35.02 0.46 0.00	37.15 0.67 0.00	52.14 1.81 0.00	54.57 2.01 0.00	53.05 2.12 0.00	54.96 3.32 0.00	59.47 4.42 0.00	81.73 4.75 -17.94	116.25 5.21 -45.22	124.29 5.27 -54.30	86.80 5.16 -22.09	71.06 5.18 -4.26	60.79 3.68 0.00	108.74 5.33 0.00	106.47 5.31 0.00	90.44 5.41 0.00	78.81 4.66 0.00	69.38 3.52 0.00	79.79 3.95 0.00	61.04 3.74 0.00
REGAN___SOLAR 323812	54.20 3.01 0.00	45.72 2.39 0.00	39.14 1.91 0.00	34.96 1.66 0.00	36.29 1.73 0.00	38.38 1.90 0.00	53.08 2.74 0.00	54.70 2.14 0.00	51.66 0.72 0.00	51.68 0.03 0.00	54.89 -0.16 0.00	58.84 -0.19 0.00	65.79 -0.03 0.00	64.99 0.27 0.00	59.99 0.44 0.00	62.33 0.71 0.00	58.04 0.92 0.00	106.50 3.09 0.00	106.76 5.60 0.00	91.93 6.90 0.00	80.38 6.23 0.00	70.95 5.09 0.00	81.06 5.22 0.00	61.04 3.74 0.00
RENSSELAER___COGEN 23796	50.93 -0.27 0.00	43.40 0.07 0.00	37.40 0.17 0.00	33.55 0.25 0.00	34.78 0.22 0.00	36.61 0.14 0.00	49.91 -0.43 0.00	51.98 -0.59 0.00	50.37 -0.56 0.00	50.86 -0.78 0.00	53.76 -1.28 0.00	57.72 -1.32 0.00	64.44 -1.38 0.00	64.08 -0.63 0.00	59.33 -0.22 0.00	61.57 -0.04 0.00	57.28 0.17 0.00	103.95 0.53 0.00	101.51 0.35 0.00	85.26 0.23 0.00	74.06 -0.09 0.00	65.51 -0.35 0.00	75.00 -0.83 0.00	56.26 -1.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	56.68 5.48 0.00	47.28 3.95 0.00	41.04 3.81 0.00	37.33 4.03 0.00	38.85 4.29 0.00	40.90 4.42 0.00	55.82 5.48 0.00	58.48 5.91 0.00	56.50 5.57 0.00	56.65 5.01 0.00	59.39 4.34 0.00	64.01 4.97 0.00	72.04 6.22 0.00	71.82 7.10 0.00	66.46 6.90 0.00	69.82 8.21 0.00	64.39 7.28 0.00	119.25 15.84 0.00	117.08 15.92 0.00	99.21 14.18 0.00	83.21 9.06 0.00	73.70 7.84 0.00	85.71 9.87 0.00	63.62 6.32 0.00
REVERE_CPPR_DRP 24186	53.39 2.08 -0.11	44.84 1.51 0.00	38.42 1.18 -0.01	34.35 1.04 0.00	35.69 1.13 0.00	37.87 1.39 0.00	52.57 2.23 0.00	54.89 2.30 -0.03	53.11 1.96 -0.21	53.57 1.93 0.00	56.92 1.87 0.00	60.76 1.73 0.00	67.94 2.13 0.00	67.06 2.34 0.00	62.02 2.46 0.00	64.39 2.77 0.00	59.81 2.70 0.00	109.08 5.66 0.00	107.70 6.39 -0.15	92.58 6.00 -1.55	80.57 5.37 -1.04	70.84 4.34 -0.65	80.53 4.54 -0.15	60.89 3.47 -0.12
REYNLDPA_13_KV_LD 356490	51.79 0.74 0.15	43.92 0.59 0.00	37.90 0.68 0.00	33.88 0.57 0.00	35.11 0.55 0.00	37.09 0.62 0.00	51.45 1.11 0.00	53.90 1.33 0.00	52.17 1.24 0.00	52.78 1.14 0.00	56.19 1.14 0.00	60.21 1.17 0.00	66.91 1.09 0.00	64.91 0.19 0.00	59.18 -0.37 0.00	60.89 -0.73 0.00	56.18 -0.93 0.00	101.90 -1.51 0.00	99.16 -2.00 0.00	83.26 -1.78 0.00	73.75 -0.41 0.00	65.93 0.07 0.00	76.81 0.97 0.00	57.99 0.89 0.20
REYNOLDS_115KV_TB3 80639	51.43 0.24 0.00	43.76 0.43 0.00	37.68 0.45 0.00	33.80 0.50 0.00	35.05 0.49 0.00	36.89 0.41 0.00	50.34 0.00 0.00	52.48 -0.08 0.00	50.86 -0.07 0.00	51.34 -0.30 0.00	54.26 -0.78 0.00	58.34 -0.69 0.00	65.16 -0.66 0.00	64.83 0.11 0.00	60.02 0.46 0.00	62.32 0.70 0.00	57.92 0.81 0.00	105.25 1.84 0.00	102.77 1.61 0.00	86.28 1.25 0.00	74.90 0.75 0.00	66.24 0.38 0.00	75.86 0.02 0.00	56.86 -0.44 0.00
RIVERBAY____ 323610	53.70 2.50 0.00	45.79 2.46 0.00	39.27 2.04 0.00	35.27 1.96 0.00	36.40 1.84 0.00	38.39 1.92 0.00	52.45 2.11 0.00	54.70 2.13 0.00	53.66 2.73 0.00	54.16 2.52 0.00	57.72 2.68 0.00	62.01 2.97 0.00	68.98 3.16 0.00	68.72 4.00 0.00	63.90 4.34 0.00	66.70 5.08 0.00	62.34 5.23 0.00	112.22 8.81 0.00	108.71 7.55 0.00	91.09 6.06 0.00	78.81 4.66 0.00	69.18 3.32 0.00	78.31 2.47 0.00	58.87 1.57 0.00
RIVERSDE_115KV_TB3 55908	51.31 0.11 0.00	43.67 0.34 0.00	37.63 0.40 0.00	33.75 0.45 0.00	34.99 0.43 0.00	36.84 0.36 0.00	50.24 -0.09 0.00	52.38 -0.18 0.00	50.77 -0.16 0.00	51.27 -0.37 0.00	54.22 -0.83 0.00	58.26 -0.78 0.00	65.08 -0.73 0.00	64.75 0.03 0.00	59.95 0.39 0.00	62.25 0.64 0.00	57.89 0.77 0.00	105.15 1.74 0.00	102.65 1.49 0.00	86.17 1.14 0.00	74.80 0.65 0.00	66.16 0.31 0.00	75.72 -0.12 0.00	56.77 -0.53 0.00
ROARING___BROOK_WT_PWR 323790	50.38 -0.82 0.00	42.74 -0.59 0.00	36.74 -0.48 0.00	32.90 -0.40 0.00	34.11 -0.45 0.00	36.07 -0.41 0.00	50.05 -0.28 0.00	52.55 -0.02 0.00	51.05 0.12 0.00	51.71 0.07 0.00	55.05 0.00 0.00	58.97 -0.07 0.00	65.67 -0.15 0.00	64.40 -0.32 0.00	59.14 -0.42 0.00	61.15 -0.46 0.00	56.61 -0.51 0.00	102.62 -0.79 0.00	100.50 -0.66 0.00	84.51 -0.53 0.00	73.79 -0.36 0.00	65.61 -0.25 0.00	75.73 -0.11 0.00	57.27 -0.03 0.00

ROCHESRG_115KV_T4 355643	53.10 1.90 0.00	43.89 0.56 0.00	37.31 0.08 0.00	33.19 -0.12 0.00	34.56 0.00 0.00	36.65 0.17 0.00	51.41 1.07 0.00	53.80 1.23 0.00	52.24 1.31 0.00	54.05 2.40 0.00	58.39 3.34 0.00	78.06 3.48 -15.55	108.71 3.70 -39.19	115.55 3.77 -47.06	82.56 3.86 -19.14	69.08 3.78 -3.69	59.43 2.31 0.00	106.23 2.81 0.00	104.06 2.90 0.00	88.43 3.39 0.00	77.12 2.97 0.00	67.95 2.09 0.00	78.28 2.44 0.00	59.95 2.65 0.00
ROCHESTER_9_IC 23652	53.53 2.34 0.00	44.22 0.88 0.00	37.59 0.36 0.00	33.42 0.12 0.00	34.80 0.24 0.00	36.91 0.44 0.00	51.80 1.46 0.00	54.21 1.65 0.00	52.67 1.74 0.00	54.52 2.88 0.00	58.95 3.91 0.00	81.11 4.14 -17.94	115.51 4.48 -45.21	123.55 4.54 -54.29	86.19 4.55 -22.09	70.38 4.51 -4.26	60.12 3.00 0.00	107.51 4.10 0.00	105.29 4.13 0.00	89.45 4.42 0.00	78.00 3.85 0.00	68.68 2.82 0.00	79.06 3.22 0.00	60.52 3.22 0.00
ROCKVIEW_13_KV_LD 356306	52.30 1.11 0.00	44.43 1.10 0.00	38.15 0.92 0.00	34.21 0.91 0.00	35.45 0.89 0.00	37.32 0.84 0.00	51.05 0.71 0.00	53.34 0.78 0.00	52.14 1.21 0.00	52.83 1.19 0.00	56.42 1.37 0.00	60.68 1.64 0.00	67.73 1.91 0.00	67.59 2.88 0.00	62.83 3.28 0.00	65.58 3.97 0.00	61.23 4.12 0.00	110.54 7.12 0.00	107.30 6.14 0.00	89.85 4.81 0.00	77.72 3.57 0.00	68.20 2.34 0.00	77.09 1.25 0.00	57.89 0.59 0.00
ROME____115KV_TB2 80656	53.39 2.08 -0.11	44.84 1.51 0.00	38.42 1.18 -0.01	34.35 1.04 0.00	35.69 1.13 0.00	37.87 1.39 0.00	52.57 2.23 0.00	54.89 2.30 -0.03	53.11 1.96 -0.21	53.57 1.93 0.00	56.92 1.87 0.00	60.76 1.73 0.00	67.94 2.13 0.00	67.06 2.34 0.00	62.02 2.46 0.00	64.39 2.77 0.00	59.81 2.70 0.00	109.08 5.66 0.00	107.70 6.39 -0.15	92.58 6.00 -1.55	80.57 5.37 -1.04	70.84 4.34 -0.65	80.53 4.54 -0.15	60.89 3.47 -0.12
ROSETON____1 23587	51.66 0.46 0.00	43.91 0.57 0.00	37.71 0.48 0.00	33.83 0.52 0.00	35.06 0.50 0.00	36.89 0.41 0.00	50.47 0.14 0.00	52.71 0.15 0.00	51.40 0.47 0.00	52.01 0.37 0.00	55.40 0.35 0.00	59.56 0.53 0.00	66.47 0.66 0.00	66.21 1.49 0.00	61.52 1.97 0.00	64.11 2.50 0.00	59.79 2.68 0.00	108.01 4.59 0.00	105.06 3.90 0.00	88.10 3.07 0.00	76.31 2.16 0.00	67.10 1.25 0.00	76.11 0.27 0.00	57.15 -0.15 0.00
ROSETON____2 23588	51.66 0.46 0.00	43.91 0.57 0.00	37.71 0.48 0.00	33.83 0.52 0.00	35.06 0.50 0.00	36.89 0.41 0.00	50.47 0.14 0.00	52.71 0.15 0.00	51.40 0.47 0.00	52.01 0.37 0.00	55.40 0.35 0.00	59.56 0.53 0.00	66.47 0.66 0.00	66.21 1.49 0.00	61.52 1.97 0.00	64.11 2.50 0.00	59.79 2.68 0.00	108.01 4.59 0.00	105.06 3.90 0.00	88.10 3.07 0.00	76.31 2.16 0.00	67.10 1.25 0.00	76.11 0.27 0.00	57.15 -0.15 0.00
ROTRDAM_115KV_TB3 80664	52.07 0.87 0.00	44.19 0.85 0.00	37.94 0.71 0.00	33.99 0.68 0.00	35.25 0.69 0.00	37.17 0.69 0.00	51.07 0.73 0.00	53.19 0.62 0.00	51.45 0.51 0.00	51.96 0.31 0.00	55.17 0.12 0.00	59.29 0.25 0.00	66.20 0.39 0.00	65.62 0.91 0.00	60.66 1.10 0.00	62.96 1.34 0.00	58.52 1.41 0.00	106.38 2.96 0.00	104.14 2.98 0.00	87.75 2.72 0.00	76.24 2.09 0.00	67.44 1.58 0.00	77.20 1.37 0.00	58.03 0.73 0.00
RUSSELL____1 23602	53.92 2.72 0.00	44.52 1.19 0.00	37.83 0.60 0.00	33.63 0.32 0.00	35.02 0.46 0.00	37.15 0.67 0.00	52.14 1.81 0.00	54.57 2.01 0.00	53.05 2.12 0.00	54.96 3.32 0.00	59.47 4.42 0.00	81.72 4.75 -17.94	116.23 5.20 -45.22	124.26 5.24 -54.30	86.80 5.15 -22.09	71.06 5.19 -4.26	60.78 3.67 0.00	108.73 5.32 0.00	106.47 5.31 0.00	90.45 5.42 0.00	78.80 4.65 0.00	69.38 3.52 0.00	79.81 3.97 0.00	61.04 3.74 0.00
RUSSELL____2 23532	53.92 2.72 0.00	44.52 1.19 0.00	37.83 0.60 0.00	33.63 0.32 0.00	35.02 0.46 0.00	37.15 0.67 0.00	52.14 1.81 0.00	54.57 2.01 0.00	53.05 2.12 0.00	54.96 3.32 0.00	59.47 4.42 0.00	81.72 4.75 -17.94	116.23 5.20 -45.22	124.26 5.24 -54.30	86.80 5.15 -22.09	71.06 5.19 -4.26	60.78 3.67 0.00	108.73 5.32 0.00	106.47 5.31 0.00	90.45 5.42 0.00	78.80 4.65 0.00	69.38 3.52 0.00	79.81 3.97 0.00	61.04 3.74 0.00
RUSSELL____3 23549	53.92 2.72 0.00	44.52 1.19 0.00	37.83 0.60 0.00	33.63 0.32 0.00	35.02 0.46 0.00	37.15 0.67 0.00	52.14 1.81 0.00	54.57 2.01 0.00	53.05 2.12 0.00	54.96 3.32 0.00	59.47 4.42 0.00	81.72 4.75 -17.94	116.23 5.20 -45.22	124.26 5.24 -54.30	86.80 5.15 -22.09	71.06 5.19 -4.26	60.78 3.67 0.00	108.73 5.32 0.00	106.47 5.31 0.00	90.45 5.42 0.00	78.80 4.65 0.00	69.38 3.52 0.00	79.81 3.97 0.00	61.04 3.74 0.00
RUSSELL____4 23556	53.92 2.72 0.00	44.52 1.19 0.00	37.83 0.60 0.00	33.63 0.32 0.00	35.02 0.46 0.00	37.15 0.67 0.00	52.14 1.81 0.00	54.57 2.01 0.00	53.05 2.12 0.00	54.96 3.32 0.00	59.47 4.42 0.00	81.72 4.75 -17.94	116.23 5.20 -45.22	124.26 5.24 -54.30	86.80 5.15 -22.09	71.06 5.19 -4.26	60.78 3.67 0.00	108.73 5.32 0.00	106.47 5.31 0.00	90.45 5.42 0.00	78.80 4.65 0.00	69.38 3.52 0.00	79.81 3.97 0.00	61.04 3.74 0.00
RUSSELL____STATION 23914	53.92 2.72 0.00	44.52 1.19 0.00	37.83 0.60 0.00	33.63 0.32 0.00	35.02 0.46 0.00	37.15 0.67 0.00	52.14 1.81 0.00	54.57 2.01 0.00	53.05 2.12 0.00	54.96 3.32 0.00	59.47 4.42 0.00	81.72 4.75 -17.94	116.23 5.20 -45.22	124.26 5.24 -54.30	86.80 5.15 -22.09	71.06 5.19 -4.26	60.78 3.67 0.00	108.73 5.32 0.00	106.47 5.31 0.00	90.45 5.42 0.00	78.80 4.65 0.00	69.38 3.52 0.00	79.81 3.97 0.00	61.04 3.74 0.00
S SALMON____HYD 24043	51.37 -0.04 -0.21	43.06 -0.27 0.00	36.92 -0.37 -0.06	32.92 -0.38 0.00	34.24 -0.32 0.00	36.40 -0.08 0.00	50.69 0.35 0.00	53.15 0.45 -0.13	52.16 0.31 -0.93	52.09 0.44 0.00	55.64 0.59 0.00	59.40 0.36 0.00	66.21 0.39 0.00	65.06 0.35 0.00	59.95 0.40 0.00	62.19 0.58 0.00	57.47 0.36 0.00	104.32 0.90 0.00	103.46 1.65 -0.65	94.05 2.23 -6.79	80.95 2.23 -4.57	70.52 1.83 -2.83	78.60 2.11 -0.66	58.89 1.45 -0.14
S.PERRY__115KV_TB1 80734	53.46 2.26 0.00	44.13 0.80 0.00	37.46 0.23 0.00	33.23 -0.08 0.00	34.73 0.17 0.00	36.90 0.42 0.00	52.09 1.76 0.00	54.29 1.73 0.00	52.18 1.25 0.00	53.56 1.92 0.00	57.99 2.94 0.00	71.56 2.04 -10.49	92.77 0.50 -26.45	97.40 0.93 -31.75	74.19 1.71 -12.92	65.94 1.84 -2.49	58.36 1.25 0.00	103.28 -0.13 0.00	102.28 1.12 0.00	87.28 2.25 0.00	76.59 2.44 0.00	67.77 1.91 0.00	77.45 1.62 0.00	61.77 4.47 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	53.80 2.60 0.00	43.91 0.58 0.00	37.18 -0.05 0.00	32.97 -0.33 0.00	34.41 -0.15 0.00	36.53 0.05 0.00	51.70 1.37 0.00	54.10 1.53 0.00	52.62 1.69 0.00	54.93 3.29 0.00	59.63 4.58 0.00	71.38 4.54 -7.81	89.98 4.47 -19.69	92.75 4.40 -23.64	73.84 4.67 -9.62	67.90 4.44 -1.86	59.51 2.40 0.00	105.70 2.29 0.00	103.25 2.09 0.00	88.08 3.04 0.00	76.96 2.81 0.00	67.57 1.72 0.00	78.43 2.59 0.00	60.82 3.52 0.00

SAWYER___23_KV_LOAD 55526	53.80 2.60 0.00	43.91 0.58 0.00	37.18 -0.05 0.00	32.97 -0.33 0.00	34.41 -0.15 0.00	36.53 0.05 0.00	51.70 1.37 0.00	54.10 1.53 0.00	52.62 1.69 0.00	54.93 3.29 0.00	59.63 4.58 0.00	71.38 4.54 -7.81	89.98 4.47 -19.69	92.75 4.40 -23.64	73.84 4.67 -9.62	67.90 4.44 -1.86	59.51 2.40 0.00	105.70 2.29 0.00	103.25 2.09 0.00	88.08 3.04 0.00	76.96 2.81 0.00	67.57 1.72 0.00	78.43 2.59 0.00	60.82 3.52 0.00
SELKIRK___I 23801	50.43 -0.77 0.00	42.98 -0.35 0.00	37.00 -0.23 0.00	33.17 -0.13 0.00	34.36 -0.20 0.00	36.19 -0.29 0.00	49.44 -0.89 0.00	51.42 -1.15 0.00	49.67 -1.26 0.00	50.08 -1.56 0.00	53.08 -1.96 0.00	56.99 -2.05 0.00	63.63 -2.19 0.00	63.16 -1.55 0.00	58.38 -1.18 0.00	60.53 -1.08 0.00	56.29 -0.82 0.00	102.25 -1.16 0.00	99.99 -1.17 0.00	84.09 -0.95 0.00	73.22 -0.93 0.00	64.81 -1.05 0.00	74.30 -1.54 0.00	55.82 -1.48 0.00
SELKIRK___II 23799	50.70 -0.50 0.00	43.21 -0.12 0.00	37.19 -0.04 0.00	33.35 0.04 0.00	34.57 0.01 0.00	36.41 -0.07 0.00	49.73 -0.60 0.00	51.80 -0.76 0.00	50.20 -0.73 0.00	50.68 -0.96 0.00	53.70 -1.35 0.00	57.67 -1.36 0.00	64.36 -1.45 0.00	63.95 -0.77 0.00	59.15 -0.40 0.00	61.31 -0.30 0.00	56.99 -0.12 0.00	103.37 -0.04 0.00	100.95 -0.21 0.00	84.82 -0.21 0.00	73.74 -0.42 0.00	65.25 -0.61 0.00	74.73 -1.11 0.00	56.14 -1.16 0.00
SENECA OSWGO___HYD 24041	50.76 -0.60 -0.16	42.66 -0.67 0.00	36.59 -0.73 -0.09	32.62 -0.68 0.00	33.89 -0.67 0.00	35.83 -0.65 0.00	49.64 -0.70 0.00	52.01 -0.75 -0.20	51.56 -0.78 -1.40	51.08 -0.56 0.00	54.66 -0.39 0.00	58.55 -0.49 0.00	65.35 -0.47 0.00	64.49 -0.22 0.00	59.57 0.01 0.00	61.71 0.09 0.00	57.14 0.03 0.00	103.31 -0.10 0.00	102.26 0.12 -0.99	95.78 0.47 -10.28	81.36 0.29 -6.92	70.09 -0.05 -4.28	76.34 -0.49 -1.00	56.87 -0.42 0.00
SENECA___115KV_TB3 355854	54.16 2.96 0.00	44.22 0.88 0.00	37.44 0.21 0.00	33.21 -0.10 0.00	34.66 0.10 0.00	36.77 0.29 0.00	52.09 1.76 0.00	54.52 1.95 0.00	53.04 2.11 0.00	55.35 3.71 0.00	60.14 5.09 0.00	71.96 5.08 -7.84	90.75 5.18 -19.75	93.57 5.14 -23.72	74.61 5.40 -9.65	68.75 5.27 -1.86	60.45 3.33 0.00	107.54 4.13 0.00	105.08 3.92 0.00	89.89 4.50 -0.35	78.13 3.98 0.00	68.51 2.66 0.00	79.28 3.44 0.00	61.38 4.08 0.00
SENECA___ENERGY 23797	52.27 1.00 -0.06	43.68 0.35 0.00	37.33 0.07 -0.04	33.20 -0.11 0.00	34.58 0.02 0.00	36.61 0.13 0.00	50.90 0.57 0.00	53.35 0.70 -0.08	52.10 0.61 -0.56	52.75 1.10 0.00	56.82 1.78 0.00	57.35 1.87 3.56	58.99 2.14 8.97	56.39 2.44 10.77	57.72 2.55 4.38	63.51 2.75 0.84	59.27 2.16 0.00	106.73 3.31 0.00	104.95 3.39 -0.40	92.93 3.78 -4.12	80.24 3.32 -2.78	70.08 2.50 -1.72	78.41 2.18 -0.40	59.13 1.83 0.00
SHOEMAKER___GT 23640	51.77 0.57 0.00	43.96 0.63 0.00	37.73 0.50 0.00	33.82 0.51 0.00	35.07 0.51 0.00	36.92 0.44 0.00	50.62 0.28 0.00	52.86 0.30 0.00	51.44 0.51 0.00	52.03 0.39 0.00	55.43 0.39 0.00	59.60 0.57 0.00	66.52 0.71 0.00	66.20 1.48 0.00	61.48 1.92 0.00	64.05 2.44 0.00	59.77 2.65 0.00	108.15 4.74 0.00	105.43 4.27 0.00	88.57 3.54 0.00	76.76 2.61 0.00	67.57 1.72 0.00	76.69 0.85 0.00	57.60 0.30 0.00
SHOEMAKR_138KV_BK 111 55601	51.72 0.52 0.00	43.93 0.59 0.00	37.70 0.47 0.00	33.79 0.48 0.00	35.04 0.48 0.00	36.89 0.41 0.00	50.57 0.23 0.00	52.82 0.26 0.00	51.42 0.49 0.00	52.03 0.39 0.00	55.47 0.42 0.00	59.64 0.60 0.00	66.56 0.74 0.00	66.24 1.52 0.00	61.49 1.94 0.00	64.07 2.46 0.00	59.79 2.68 0.00	108.13 4.71 0.00	105.38 4.22 0.00	88.47 3.44 0.00	76.68 2.53 0.00	67.47 1.62 0.00	76.56 0.72 0.00	57.52 0.22 0.00
SHOREHAM_IC_1 23715	52.02 0.82 0.00	44.17 0.84 0.00	38.21 0.98 0.00	34.17 0.86 0.00	35.42 0.86 0.00	37.26 0.78 0.00	50.06 -0.27 0.00	52.93 0.36 0.00	51.94 1.01 0.00	53.05 1.41 0.00	57.45 2.24 -0.17	80.45 2.12 -19.30	153.39 2.84 -84.73	180.13 4.18 -111.23	277.44 3.82 -214.07	187.99 4.70 -121.68	253.54 4.91 -191.52	261.25 7.91 -149.92	234.67 7.10 -126.41	232.83 5.61 -142.19	77.56 3.41 0.00	68.30 2.44 0.00	76.15 0.31 0.00	57.66 0.36 0.00
SHOREHAM_IC_2 23716	52.02 0.82 0.00	44.18 0.85 0.00	38.21 0.98 0.00	34.17 0.86 0.00	35.42 0.86 0.00	37.26 0.78 0.00	50.06 -0.27 0.00	52.92 0.36 0.00	51.94 1.01 0.00	53.05 1.41 0.00	57.45 2.24 -0.17	80.44 2.11 -19.30	153.40 2.86 -84.73	180.24 4.29 -111.23	277.46 3.83 -214.07	187.98 4.69 -121.68	253.55 4.92 -191.52	261.25 7.91 -149.92	234.67 7.10 -126.41	232.83 5.61 -142.19	77.56 3.41 0.00	68.30 2.44 0.00	76.15 0.31 0.00	57.65 0.35 0.00
SISSONVILLE____ 23735	53.91 1.62 -1.08	44.45 1.12 0.00	38.34 1.11 -0.01	34.26 0.95 0.00	35.42 0.86 0.00	37.53 1.05 0.00	52.25 1.91 0.00	54.75 2.17 -0.02	52.73 1.68 -0.12	52.58 0.93 0.00	55.92 0.88 0.00	59.88 0.84 0.00	66.50 0.68 0.00	63.75 -0.97 0.00	57.65 -1.90 0.00	59.32 -2.29 0.00	54.84 -2.27 0.00	99.65 -3.76 0.00	98.42 -2.83 -0.08	84.11 -1.80 -0.88	74.05 -0.69 -0.59	66.05 -0.17 -0.37	77.60 1.67 -0.08	60.64 1.90 -1.45
SITHE_IND_GS1 24169	49.42 -1.30 0.47	42.07 -1.26 0.00	35.76 -1.20 0.27	32.21 -1.10 0.00	33.47 -1.10 0.00	35.36 -1.12 0.00	48.95 -1.39 0.00	50.52 -1.47 0.57	45.36 -1.48 4.09	50.34 -1.30 0.00	53.86 -1.18 0.00	57.68 -1.35 0.00	64.33 -1.48 0.00	63.40 -1.32 0.00	58.48 -1.07 0.00	60.55 -1.06 0.00	55.98 -1.13 0.00	101.16 -2.25 0.00	96.22 -2.06 2.88	53.59 -1.46 29.98	52.64 -1.33 20.18	51.95 -1.41 12.49	71.07 -1.86 2.92	55.93 -1.37 0.00
SITHE_IND_GS2 24170	49.42 -1.30 0.47	42.07 -1.26 0.00	35.76 -1.20 0.27	32.21 -1.10 0.00	33.47 -1.10 0.00	35.36 -1.12 0.00	48.95 -1.39 0.00	50.52 -1.47 0.57	45.36 -1.48 4.09	50.34 -1.30 0.00	53.86 -1.18 0.00	57.68 -1.35 0.00	64.33 -1.48 0.00	63.40 -1.32 0.00	58.48 -1.07 0.00	60.55 -1.06 0.00	55.98 -1.13 0.00	101.16 -2.25 0.00	96.22 -2.06 2.88	53.59 -1.46 29.98	52.64 -1.33 20.18	51.95 -1.41 12.49	71.07 -1.86 2.92	55.93 -1.37 0.00
SITHE_IND_GS3 24171	49.42 -1.30 0.47	42.07 -1.26 0.00	35.76 -1.20 0.27	32.21 -1.10 0.00	33.47 -1.10 0.00	35.36 -1.12 0.00	48.95 -1.39 0.00	50.52 -1.47 0.57	45.36 -1.48 4.09	50.34 -1.30 0.00	53.86 -1.18 0.00	57.68 -1.35 0.00	64.33 -1.48 0.00	63.40 -1.32 0.00	58.48 -1.07 0.00	60.55 -1.06 0.00	55.98 -1.13 0.00	101.16 -2.25 0.00	96.22 -2.06 2.88	53.59 -1.46 29.98	52.64 -1.33 20.18	51.95 -1.41 12.49	71.07 -1.86 2.92	55.93 -1.37 0.00
SITHE_IND_GS4 24172	49.42 -1.30 0.47	42.07 -1.26 0.00	35.76 -1.20 0.27	32.21 -1.10 0.00	33.47 -1.10 0.00	35.36 -1.12 0.00	48.95 -1.39 0.00	50.52 -1.47 0.57	45.36 -1.48 4.09	50.34 -1.30 0.00	53.86 -1.18 0.00	57.68 -1.35 0.00	64.33 -1.48 0.00	63.40 -1.32 0.00	58.48 -1.07 0.00	60.55 -1.06 0.00	55.98 -1.13 0.00	101.16 -2.25 0.00	96.22 -2.06 2.88	53.59 -1.46 29.98	52.64 -1.33 20.18	51.95 -1.41 12.49	71.07 -1.86 2.92	55.93 -1.37 0.00

SITHE___BATAVIA 24024	53.58 4.05 1.67	45.20 1.87 0.00	38.26 1.04 0.00	33.95 0.64 0.00	35.42 0.86 0.00	37.64 1.16 0.00	53.17 2.84 0.00	55.62 3.06 0.00	53.87 2.94 0.00	55.95 4.30 0.00	60.10 5.06 0.00	77.81 4.63 -14.15	106.44 4.97 -35.66	112.56 5.03 -42.82	82.43 5.45 -17.42	70.20 5.24 -3.36	60.12 3.01 0.00	107.40 3.99 0.00	105.33 4.17 0.00	90.59 5.25 -0.31	79.03 4.88 0.00	69.28 3.42 0.00	80.19 4.36 0.00	62.77 5.46 -0.02
SITHE___INDEPEND 23800	49.42 -1.30 0.47	42.07 -1.26 0.00	35.76 -1.19 0.27	32.21 -1.10 0.00	33.47 -1.09 0.00	35.36 -1.12 0.00	48.95 -1.39 0.00	50.52 -1.47 0.57	45.36 -1.48 4.09	50.34 -1.30 0.00	53.86 -1.18 0.00	57.68 -1.35 0.00	64.33 -1.48 0.00	63.39 -1.33 0.00	58.48 -1.07 0.00	60.55 -1.06 0.00	55.98 -1.13 0.00	101.16 -2.25 0.00	96.22 -2.06 2.88	53.59 -1.46 29.98	52.64 -1.33 20.18	51.95 -1.41 12.49	71.07 -1.86 2.92	55.93 -1.37 0.00
SITHE___MASSENA 23902	53.86 1.09 -1.57	44.15 0.82 0.00	38.09 0.86 0.00	34.04 0.73 0.00	35.27 0.71 0.00	37.28 0.80 0.00	51.72 1.38 0.00	54.18 1.61 0.00	52.35 1.42 0.00	52.88 1.24 0.00	56.28 1.23 0.00	60.31 1.27 0.00	66.99 1.18 0.00	64.63 -0.09 0.00	58.79 -0.76 0.00	60.46 -1.15 0.00	55.83 -1.28 0.00	101.28 -2.14 0.00	99.38 -1.78 0.00	83.68 -1.35 0.00	73.59 -0.56 0.00	65.80 -0.06 0.00	77.21 1.38 0.00	60.94 1.52 -2.12
SITHE___OGDNSBRG 24021	55.10 2.63 -1.26	45.34 2.01 0.00	39.13 1.90 0.00	34.96 1.65 0.00	36.21 1.65 0.00	38.32 1.85 0.00	53.30 2.96 0.00	55.59 3.03 0.00	53.14 2.22 0.00	53.17 1.53 0.00	56.55 1.50 0.00	60.58 1.55 0.00	67.31 1.49 0.00	64.78 0.07 0.00	58.74 -0.82 0.00	60.39 -1.22 0.00	55.99 -1.12 0.00	101.35 -2.06 0.00	100.52 -0.64 0.00	85.61 0.58 0.00	75.80 1.65 0.00	67.78 1.92 0.00	79.64 3.80 0.00	62.40 3.39 -1.71
SITHE___STERLING 23777	52.81 1.53 -0.09	44.45 1.12 0.00	38.09 0.85 -0.02	34.04 0.73 0.00	35.37 0.81 0.00	37.45 0.97 0.00	51.90 1.57 0.00	54.16 1.57 -0.03	52.47 1.31 -0.23	52.94 1.30 0.00	56.23 1.19 0.00	60.02 0.98 0.00	67.12 1.31 0.00	66.31 1.59 0.00	61.34 1.79 0.00	63.68 2.07 0.00	59.09 1.98 0.00	107.49 4.08 0.00	105.92 4.60 -0.16	91.11 4.38 -1.70	79.21 3.92 -1.14	69.62 3.06 -0.71	79.00 3.00 -0.16	59.85 2.47 -0.08
SLEIGHT__34_KV_TB1 80719	52.57 1.36 -0.02	43.69 0.35 0.00	37.22 -0.02 -0.01	33.14 -0.17 0.00	34.50 -0.06 0.00	36.57 0.09 0.00	51.07 0.74 0.00	53.48 0.90 -0.02	51.97 0.87 -0.17	53.28 1.64 0.00	57.48 2.43 0.00	48.95 2.63 12.72	36.82 3.06 32.06	29.46 3.24 38.49	47.18 3.28 15.66	61.95 3.36 3.02	59.40 2.29 0.00	106.86 3.45 0.00	104.78 3.50 -0.12	90.13 3.86 -1.24	78.27 3.28 -0.84	68.70 2.32 -0.52	78.32 2.36 -0.12	59.42 2.12 0.00
SMITHTWN_69_KV_BK 1 55830	52.39 1.19 0.00	44.42 1.09 0.00	38.22 1.00 0.00	34.16 0.86 0.00	35.42 0.86 0.00	37.27 0.79 0.00	50.37 0.04 0.00	52.84 0.28 0.00	51.78 0.85 0.00	52.86 1.21 0.00	57.25 2.03 -0.17	74.30 1.85 -13.41	199.61 2.56 -131.24	242.04 4.19 -173.13	395.41 3.51 -332.34	254.81 4.31 -188.89	358.91 4.56 -297.25	343.58 7.48 -232.69	303.89 6.53 -196.20	310.68 4.96 -220.68	77.25 3.10 0.00	67.85 1.99 0.00	75.88 0.04 0.00	57.49 0.20 0.00
SOUTH CAIRO___GT 23612	52.90 1.70 0.00	44.92 1.59 0.00	38.60 1.38 0.00	34.57 1.27 0.00	35.80 1.24 0.00	37.75 1.27 0.00	51.63 1.29 0.00	53.70 1.14 0.00	51.72 0.79 0.00	51.75 0.10 0.00	54.59 -0.46 0.00	58.56 -0.47 0.00	65.51 -0.30 0.00	65.36 0.64 0.00	60.60 1.05 0.00	62.96 1.35 0.00	58.72 1.60 0.00	107.52 4.10 0.00	106.18 5.02 0.00	89.91 4.88 0.00	78.25 4.10 0.00	68.95 3.09 0.00	78.65 2.81 0.00	58.81 1.51 0.00
SOUTH HAMPTN___IC 23720	52.66 1.47 0.00	44.79 1.46 0.00	38.71 1.48 0.00	34.64 1.33 0.00	35.95 1.39 0.00	37.80 1.32 0.00	50.83 0.50 0.00	53.77 1.21 0.00	52.98 2.05 0.00	54.25 2.61 0.00	58.90 3.68 -0.17	82.97 3.70 -20.24	151.65 4.64 -81.19	176.98 5.76 -106.51	269.82 5.22 -205.05	184.40 6.24 -116.55	246.93 6.37 -183.45	257.53 10.51 -143.60	231.69 9.44 -121.09	228.70 7.46 -136.20	79.27 5.12 0.00	69.70 3.84 0.00	77.84 2.00 0.00	58.91 1.61 0.00
SOUTHDOWN_115KV_TB1 355954	54.39 3.19 0.00	44.48 1.15 0.00	37.67 0.44 0.00	33.54 0.23 0.00	35.33 0.77 0.00	37.46 0.98 0.00	53.21 2.88 0.00	55.99 3.42 0.00	54.41 3.48 0.00	56.72 5.08 0.00	61.68 6.64 0.00	72.78 6.75 -6.99	89.71 6.27 -17.62	91.97 6.10 -21.16	74.76 6.60 -8.61	69.94 6.66 -1.66	62.15 5.04 0.00	110.20 6.79 0.00	107.44 6.28 0.00	91.91 6.66 -0.22	79.65 5.50 0.00	69.83 3.97 0.00	81.33 5.49 0.00	62.60 5.30 0.00
SOUTHOLD_69_KV_BK 2 55809	53.04 1.84 0.00	45.30 1.97 0.00	39.17 1.95 0.00	35.12 1.82 0.00	36.52 1.95 0.00	38.34 1.86 0.00	51.52 1.19 0.00	54.60 2.04 0.00	54.17 3.24 0.00	55.55 3.90 0.00	60.45 5.24 -0.17	84.62 5.38 -20.20	153.61 6.56 -81.24	177.62 6.34 -106.57	270.36 5.64 -205.16	184.93 6.70 -116.61	247.59 6.92 -183.56	258.44 11.34 -143.68	232.43 10.11 -121.15	229.15 7.84 -136.28	80.37 6.22 0.00	71.20 5.35 0.00	79.72 3.88 0.00	60.32 3.02 0.00
SOUTHOLD___IC 23719	53.04 1.84 0.00	45.30 1.97 0.00	39.17 1.95 0.00	35.12 1.82 0.00	36.51 1.95 0.00	38.34 1.86 0.00	51.52 1.19 0.00	54.60 2.04 0.00	54.17 3.24 0.00	55.55 3.90 0.00	60.45 5.24 -0.17	84.62 5.39 -20.20	153.62 6.56 -81.24	177.53 6.24 -106.57	270.34 5.63 -205.16	184.94 6.71 -116.61	247.59 6.92 -183.56	258.45 11.35 -143.68	232.42 10.11 -121.15	229.15 7.85 -136.28	80.37 6.22 0.00	71.20 5.35 0.00	79.72 3.88 0.00	60.32 3.02 0.00
SOUTH_FORK_WT_PWR 323839	52.56 1.36 0.00	45.09 1.76 0.00	39.06 1.83 0.00	35.08 1.77 0.00	36.51 1.95 0.00	38.30 1.82 0.00	51.37 1.04 0.00	54.52 1.96 0.00	54.27 3.34 0.00	55.65 4.00 0.00	60.63 5.42 -0.17	84.77 5.51 -20.22	153.66 6.63 -81.21	178.25 7.00 -106.53	270.88 6.22 -205.10	185.48 7.30 -116.58	248.09 7.48 -183.50	259.27 12.22 -143.64	233.20 10.93 -121.12	229.79 8.52 -136.24	80.56 6.41 0.00	71.03 5.17 0.00	79.66 3.82 0.00	60.37 3.08 0.00
SPIERFLS_115KV_TB 1 80737	53.21 2.01 0.00	44.89 1.56 0.00	38.65 1.42 0.00	34.74 1.43 0.00	36.04 1.48 0.00	38.00 1.52 0.00	52.11 1.77 0.00	54.44 1.88 0.00	52.63 1.70 0.00	52.97 1.33 0.00	55.69 0.65 0.00	59.97 0.93 0.00	67.28 1.46 0.00	66.78 2.07 0.00	61.86 2.30 0.00	64.59 2.97 0.00	60.16 3.05 0.00	110.31 6.90 0.00	108.28 7.13 0.00	91.75 6.72 0.00	78.73 4.58 0.00	69.50 3.64 0.00	79.64 3.80 0.00	59.51 2.21 0.00
ST LAWRENCE____ 23600	51.33 0.24 0.11	43.42 0.09 0.00	37.47 0.25 0.00	33.50 0.19 0.00	34.72 0.16 0.00	36.66 0.18 0.00	50.81 0.47 0.00	53.21 0.65 0.00	51.54 0.61 0.00	52.17 0.53 0.00	55.53 0.48 0.00	59.51 0.47 0.00	66.21 0.40 0.00	64.32 -0.40 0.00	58.69 -0.87 0.00	60.41 -1.20 0.00	55.79 -1.33 0.00	101.19 -2.22 0.00	99.15 -2.01 0.00	83.28 -1.76 0.00	73.08 -1.07 0.00	65.30 -0.55 0.00	76.04 0.20 0.00	57.64 0.49 0.15

STATE_CA_115KV_115_LB 55624	51.42 0.23 0.00	43.79 0.46 0.00	37.72 0.49 0.00	33.82 0.51 0.00	35.07 0.50 0.00	36.92 0.44 0.00	50.37 0.03 0.00	52.51 -0.06 0.00	50.92 -0.01 0.00	51.45 -0.19 0.00	54.44 -0.60 0.00	58.51 -0.53 0.00	65.39 -0.42 0.00	65.05 0.33 0.00	60.25 0.69 0.00	62.55 0.93 0.00	58.21 1.10 0.00	105.62 2.21 0.00	103.13 1.97 0.00	86.58 1.55 0.00	75.15 0.99 0.00	66.43 0.57 0.00	75.99 0.15 0.00	56.99 -0.31 0.00
STATE_ST_34_KV_LOAD 55959	52.20 0.93 -0.07	43.71 0.37 0.00	37.47 0.20 -0.04	33.32 0.02 0.00	34.77 0.21 0.00	36.78 0.31 0.00	50.90 0.56 0.00	53.41 0.75 -0.09	52.17 0.59 -0.65	52.54 0.89 0.00	56.37 1.33 0.00	60.14 1.11 0.00	67.37 1.56 0.00	66.60 1.88 0.00	61.42 1.86 0.00	63.54 1.93 0.00	58.70 1.59 0.00	106.11 2.70 0.00	104.77 3.16 -0.46	93.48 3.70 -4.75	80.57 3.22 -3.20	70.20 2.36 -1.98	78.41 2.11 -0.46	58.81 1.51 0.00
STATION_5_MISC_HYD 23604	52.47 2.34 1.06	44.21 0.88 0.00	37.59 0.36 0.00	33.42 0.12 0.00	34.80 0.24 0.00	36.92 0.44 0.00	51.80 1.46 0.00	54.21 1.65 0.00	52.67 1.74 0.00	54.52 2.88 0.00	58.96 3.91 -17.94	81.12 4.15 -45.21	115.52 4.49 -54.29	123.59 4.58 -22.09	86.19 4.55 -4.26	70.39 4.52 0.00	60.11 3.00 0.00	107.50 4.09 0.00	105.29 4.14 0.00	89.45 4.42 0.00	78.00 3.85 0.00	68.68 2.82 0.00	79.06 3.22 0.00	60.52 3.23 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	52.81 1.60 -0.02	43.89 0.55 0.00	37.40 0.16 -0.01	33.28 -0.03 0.00	34.64 0.08 0.00	36.71 0.23 0.00	51.30 0.96 0.00	53.70 1.12 -0.02	52.24 1.15 -0.16	53.62 1.98 0.00	57.87 2.82 0.00	53.32 2.99 8.71	47.18 3.32 21.96	41.86 3.51 26.37	52.45 3.62 10.73	63.18 3.64 2.07	59.67 2.56 0.00	107.10 3.69 0.00	105.07 3.80 -0.11	90.30 4.11 -1.15	78.48 3.55 -0.78	68.95 2.61 -0.48	78.58 2.63 -0.11	59.73 2.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	53.11 1.92 0.00	43.93 0.60 0.00	37.35 0.12 0.00	33.22 -0.09 0.00	34.58 0.02 0.00	36.68 0.20 0.00	51.41 1.08 0.00	53.83 1.26 0.00	52.30 1.37 0.00	54.11 2.47 0.00	58.50 3.46 0.00	108.68 3.69 -45.96	185.68 4.01 -115.84	207.96 4.14 -139.10	120.32 4.18 -56.60	76.66 4.13 -10.91	59.80 2.69 0.00	106.98 3.57 0.00	104.84 3.68 0.00	89.02 3.99 0.00	77.56 3.41 0.00	68.28 2.42 0.00	78.55 2.72 0.00	60.04 2.74 0.00
STA_56___34_KV_BUS2 355983	53.11 1.92 0.00	43.93 0.60 0.00	37.35 0.12 0.00	33.22 -0.09 0.00	34.58 0.02 0.00	36.68 0.20 0.00	51.41 1.08 0.00	53.83 1.26 0.00	52.30 1.37 0.00	54.11 2.47 0.00	58.50 3.46 0.00	108.68 3.69 -45.96	185.68 4.01 -115.84	207.96 4.14 -139.10	120.32 4.18 -56.60	76.66 4.13 -10.91	59.80 2.69 0.00	106.98 3.57 0.00	104.84 3.68 0.00	89.02 3.99 0.00	77.56 3.41 0.00	68.28 2.42 0.00	78.55 2.72 0.00	60.04 2.74 0.00
STA_67___115KV_BK2 355882	53.37 2.17 0.00	44.08 0.75 0.00	37.48 0.25 0.00	33.33 0.02 0.00	34.70 0.14 0.00	36.81 0.33 0.00	51.64 1.31 0.00	54.05 1.49 0.00	52.50 1.57 0.00	54.33 2.69 0.00	58.72 3.68 0.00	80.50 3.86 -17.59	114.33 4.16 -44.35	122.21 4.24 -53.26	85.51 4.28 -21.67	70.00 4.21 -4.18	59.83 2.72 0.00	107.00 3.58 0.00	104.80 3.65 0.00	89.05 4.01 0.00	77.64 3.49 0.00	68.40 2.54 0.00	78.75 2.91 0.00	60.30 3.00 0.00
STA_7___115KV_9TRANS 80674	53.92 2.72 0.00	44.52 1.19 0.00	37.83 0.60 0.00	33.63 0.32 0.00	35.02 0.46 0.00	37.15 0.67 0.00	52.14 1.81 0.00	54.57 2.01 0.00	53.05 2.12 0.00	54.96 3.32 0.00	59.47 4.42 0.00	81.72 4.75 -17.94	116.23 5.20 -45.22	124.26 5.24 -54.30	86.80 5.15 -22.09	71.06 5.19 -4.26	60.78 3.67 0.00	108.73 5.32 0.00	106.47 5.31 0.00	90.45 5.42 0.00	78.80 4.65 0.00	69.38 3.52 0.00	79.81 3.97 0.00	61.04 3.74 0.00
STA_82___115KV_TB1 80780	53.38 2.18 0.00	44.10 0.77 0.00	37.48 0.25 0.00	33.33 0.03 0.00	34.72 0.15 0.00	36.82 0.34 0.00	51.66 1.33 0.00	54.06 1.50 0.00	52.50 1.57 0.00	54.34 2.69 0.00	58.72 3.68 0.00	82.44 3.87 -19.53	119.21 4.16 -49.24	128.08 4.25 -59.12	87.90 4.29 -24.05	70.48 4.23 -4.64	59.84 2.73 0.00	107.00 3.59 0.00	104.83 3.67 0.00	89.07 4.03 0.00	77.70 3.55 0.00	68.41 2.55 0.00	78.77 2.94 0.00	60.31 3.01 0.00
STEEL___WIND 323596	51.59 2.88 2.49	44.16 0.83 0.00	37.39 0.16 0.00	33.19 -0.12 0.00	34.60 0.04 0.00	36.72 0.25 0.00	52.01 1.67 0.00	54.42 1.86 0.00	52.95 2.02 0.00	55.25 3.61 0.00	60.02 4.97 0.00	71.82 4.95 -7.84	90.60 5.04 -19.75	93.46 5.02 -23.72	74.44 5.24 -9.65	68.58 5.11 -1.86	60.29 3.18 0.00	107.26 3.84 0.00	104.83 3.67 0.00	89.69 4.30 -0.35	77.99 3.84 0.00	68.38 2.53 0.00	79.12 3.29 0.00	61.27 3.97 0.00
STEPHTWN_115KV_BK_2 55603	51.49 0.30 0.00	43.72 0.39 0.00	37.71 0.49 0.00	33.77 0.46 0.00	35.03 0.46 0.00	36.92 0.44 0.00	50.36 0.02 0.00	52.54 -0.03 0.00	50.87 -0.06 0.00	51.42 -0.23 0.00	54.42 -0.63 0.00	58.47 -0.57 0.00	65.31 -0.51 0.00	64.83 0.12 0.00	60.10 0.55 0.00	62.44 0.82 0.00	58.24 1.13 0.00	105.81 2.40 0.00	103.32 2.16 0.00	86.64 1.61 0.00	75.18 1.02 0.00	66.44 0.58 0.00	75.94 0.10 0.00	56.88 -0.42 0.00
STEUBEN_REC_LFGE 323667	52.82 1.59 -0.03	43.54 0.21 0.00	37.05 -0.19 -0.02	32.87 -0.44 0.00	34.49 -0.07 0.00	36.59 0.11 0.00	51.61 1.27 0.00	54.05 1.45 -0.03	52.60 1.44 -0.22	54.11 2.47 0.00	58.46 3.41 0.00	65.31 3.28 -2.99	76.84 3.47 -7.55	77.47 3.69 -9.06	67.40 4.16 -3.69	66.56 4.24 -0.71	60.42 3.31 0.00	108.26 4.85 0.00	106.85 5.53 -0.16	92.74 6.06 -1.65	80.63 5.37 -1.11	70.73 4.19 -0.69	80.23 4.23 -0.16	61.45 4.15 0.00
STILLWATER___SOLAR 323814	53.15 1.95 0.00	44.99 1.66 0.00	38.68 1.46 0.00	34.70 1.39 0.00	35.99 1.43 0.00	37.94 1.46 0.00	52.02 1.69 0.00	54.24 1.68 0.00	52.42 1.49 0.00	52.82 1.18 0.00	55.81 0.77 0.00	60.04 1.00 0.00	67.18 1.36 0.00	66.72 2.00 0.00	61.77 2.22 0.00	64.31 2.70 0.00	59.86 2.74 0.00	109.36 5.94 0.00	107.25 6.09 0.00	90.45 5.42 0.00	78.17 4.01 0.00	69.02 3.16 0.00	79.07 3.23 0.00	59.21 1.91 0.00
STONY___BROOK 24151	52.28 1.08 0.00	44.34 1.01 0.00	38.17 0.94 0.00	34.12 0.82 0.00	35.37 0.81 0.00	37.21 0.73 0.00	50.22 -0.11 0.00	52.69 0.12 0.00	51.63 0.70 0.00	52.70 1.06 0.00	57.08 1.87 -0.17	77.11 1.71 -16.37	172.16 2.24 -104.10	205.44 3.70 -137.03	326.09 3.18 -263.35	215.25 3.96 -149.69	296.90 4.20 -235.58	294.63 6.80 -184.41	262.54 5.88 -155.50	264.36 4.42 -174.90	76.82 2.66 0.00	67.52 1.66 0.00	75.51 -0.33 0.00	57.37 0.07 0.00
STURGEON_POOL_HYD 23609	51.91 0.71 0.00	44.13 0.80 0.00	37.85 0.62 0.00	33.94 0.63 0.00	35.17 0.61 0.00	37.02 0.55 0.00	50.71 0.38 0.00	52.99 0.42 0.00	51.71 0.78 0.00	52.34 0.70 0.00	55.81 0.77 0.00	60.02 0.99 0.00	67.03 1.22 0.00	66.78 2.06 0.00	62.08 2.52 0.00	64.74 3.12 0.00	60.34 3.22 0.00	108.83 5.42 0.00	106.17 5.02 0.00	89.09 4.06 0.00	77.14 2.99 0.00	67.83 1.97 0.00	76.83 0.99 0.00	57.67 0.37 0.00

ST_LAW_115_BK7_LBMP 345037	51.34 0.29 0.15	43.47 0.14 0.00	37.52 0.29 0.00	33.54 0.23 0.00	34.76 0.19 0.00	36.71 0.23 0.00	50.88 0.55 0.00	53.29 0.73 0.00	51.60 0.67 0.00	52.21 0.56 0.00	55.55 0.50 0.00	59.54 0.50 0.00	66.21 0.40 0.00	64.23 -0.49 0.00	58.56 -0.99 0.00	60.25 -1.36 0.00	55.64 -1.47 0.00	100.91 -2.50 0.00	98.91 -2.24 0.00	83.06 -1.97 0.00	72.98 -1.17 0.00	65.23 -0.62 0.00	76.08 0.24 0.00	57.65 0.55 0.20
ST_LAW_115_BK8_LBMP 345038	51.34 0.29 0.15	43.47 0.14 0.00	37.52 0.29 0.00	33.54 0.23 0.00	34.76 0.19 0.00	36.71 0.23 0.00	50.88 0.55 0.00	53.29 0.73 0.00	51.60 0.67 0.00	52.21 0.56 0.00	55.55 0.50 0.00	59.54 0.50 0.00	66.21 0.40 0.00	64.23 -0.49 0.00	58.56 -0.99 0.00	60.25 -1.36 0.00	55.64 -1.47 0.00	100.91 -2.50 0.00	98.91 -2.24 0.00	83.06 -1.97 0.00	72.98 -1.17 0.00	65.23 -0.62 0.00	76.08 0.24 0.00	57.65 0.55 0.20
ST_LAW_230_BK5_LBMP 345035	51.35 0.24 0.08	43.42 0.09 0.00	37.47 0.25 0.00	33.50 0.19 0.00	34.72 0.16 0.00	36.66 0.18 0.00	50.81 0.47 0.00	53.21 0.65 0.00	51.54 0.61 0.00	52.17 0.53 0.00	55.53 0.48 0.00	59.51 0.47 0.00	66.21 0.40 0.00	64.32 -0.40 0.00	58.69 -0.87 0.00	60.41 -1.20 0.00	55.79 -1.33 0.00	101.19 -2.22 0.00	99.15 -2.01 0.00	83.28 -1.76 0.00	73.08 -1.07 0.00	65.30 -0.55 0.00	76.04 0.20 0.00	57.67 0.49 0.11
ST_LAW_230_BK6_LBMP 345036	51.35 0.24 0.08	43.42 0.09 0.00	37.47 0.25 0.00	33.50 0.19 0.00	34.72 0.16 0.00	36.66 0.18 0.00	50.81 0.47 0.00	53.21 0.65 0.00	51.54 0.61 0.00	52.17 0.53 0.00	55.53 0.48 0.00	59.51 0.47 0.00	66.21 0.40 0.00	64.32 -0.40 0.00	58.69 -0.87 0.00	60.41 -1.20 0.00	55.79 -1.33 0.00	101.19 -2.22 0.00	99.15 -2.01 0.00	83.28 -1.76 0.00	73.08 -1.07 0.00	65.30 -0.55 0.00	76.04 0.20 0.00	57.67 0.49 0.11
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	51.77 0.58 0.00	43.96 0.63 0.00	37.74 0.51 0.00	33.82 0.52 0.00	35.07 0.51 0.00	36.92 0.44 0.00	50.58 0.24 0.00	52.87 0.31 0.00	51.57 0.64 0.00	52.23 0.59 0.00	55.73 0.68 0.00	59.96 0.92 0.00	66.91 1.09 0.00	66.64 1.92 0.00	61.93 2.37 0.00	64.61 3.00 0.00	60.30 3.19 0.00	108.93 5.51 0.00	105.97 4.81 0.00	88.87 3.83 0.00	76.92 2.77 0.00	67.63 1.77 0.00	76.61 0.78 0.00	57.55 0.25 0.00
SWANROAD_115KV_TB1 355699	53.18 1.98 0.00	43.36 0.03 0.00	36.70 -0.53 0.00	32.54 -0.76 0.00	33.97 -0.59 0.00	36.07 -0.41 0.00	51.06 0.73 0.00	53.20 0.63 0.00	51.65 0.72 0.00	54.00 2.36 0.00	58.60 3.55 0.00	72.03 3.32 -9.68	93.14 2.93 -24.40	96.91 2.90 -29.29	74.69 3.22 -11.92	66.80 2.90 -2.30	57.88 0.77 0.00	102.77 -0.64 0.00	100.31 -0.85 0.00	85.96 0.66 -0.27	75.18 1.03 0.00	66.03 0.17 0.00	76.86 1.02 0.00	60.22 2.91 0.00
SYNERGY___BIOGAS 323694	55.25 4.05 0.00	45.21 1.88 0.00	38.26 1.03 0.00	33.95 0.64 0.00	35.42 0.86 0.00	37.63 1.15 0.00	53.18 2.84 0.00	55.62 3.05 0.00	53.87 2.94 0.00	55.95 4.31 0.00	60.10 5.06 0.00	77.81 4.62 -14.15	106.41 4.94 -35.66	112.53 5.00 -42.82	82.42 5.44 -17.42	70.20 5.23 -3.36	60.14 3.02 0.00	107.40 3.99 0.00	105.33 4.17 0.00	90.60 5.25 -0.31	79.02 4.87 0.00	69.28 3.43 0.00	80.19 4.35 0.00	62.78 5.46 -0.02
SYRACUSE___ENERGY_ST1 323597	51.17 -0.12 -0.09	43.01 -0.33 0.00	36.87 -0.41 -0.05	32.85 -0.46 0.00	34.16 -0.40 0.00	36.11 -0.37 0.00	50.02 -0.31 0.00	52.38 -0.29 -0.11	51.35 -0.35 -0.77	51.55 -0.09 0.00	55.24 0.20 0.00	59.17 0.13 0.00	66.01 0.19 0.00	65.21 0.49 0.00	60.22 0.66 0.00	62.39 0.77 0.00	57.71 0.60 0.00	104.33 0.91 0.00	102.81 1.11 -0.54	92.08 1.40 -5.65	79.02 1.06 -3.80	68.83 0.62 -2.36	76.58 0.19 -0.55	57.44 0.14 0.00
SYRACUSE___ENERGY_ST2 323598	51.17 -0.12 -0.09	43.01 -0.33 0.00	36.87 -0.41 -0.05	32.85 -0.46 0.00	34.16 -0.40 0.00	36.11 -0.37 0.00	50.02 -0.31 0.00	52.38 -0.29 -0.11	51.35 -0.35 -0.77	51.55 -0.09 0.00	55.24 0.20 0.00	59.17 0.13 0.00	66.01 0.19 0.00	65.21 0.49 0.00	60.22 0.66 0.00	62.39 0.77 0.00	57.71 0.60 0.00	104.33 0.91 0.00	102.81 1.11 -0.54	92.08 1.40 -5.65	79.02 1.06 -3.80	68.83 0.62 -2.36	76.58 0.19 -0.55	57.44 0.14 0.00
SYRACUSE___POWER 24017	51.30 0.04 -0.06	43.16 -0.17 0.00	36.98 -0.29 -0.03	32.98 -0.32 0.00	34.28 -0.28 0.00	36.23 -0.25 0.00	50.22 -0.12 0.00	52.51 -0.12 -0.07	51.27 -0.17 -0.51	51.71 0.07 0.00	55.42 0.37 0.00	59.40 0.37 0.00	66.34 0.53 0.00	65.54 0.82 0.00	60.58 1.03 1.00	62.79 1.18 0.00	58.10 0.99 0.00	105.03 1.61 0.00	103.29 1.77 -0.36	90.69 1.91 -3.75	78.15 1.48 -2.53	68.39 0.97 -1.56	76.78 0.58 -0.36	57.71 0.41 0.00
TALLMAN__138KV_BK151 55660	51.81 0.61 0.00	43.99 0.66 0.00	37.76 0.53 0.00	33.83 0.53 0.00	35.09 0.53 0.00	36.92 0.45 0.00	50.58 0.25 0.00	52.94 0.38 0.00	51.70 0.77 0.00	52.40 0.76 0.00	55.94 0.90 0.00	60.19 1.15 0.00	67.14 1.32 0.00	66.95 2.23 0.00	62.26 2.70 0.00	64.99 3.38 0.00	60.73 3.62 0.00	109.64 6.23 0.00	106.46 5.30 0.00	89.15 4.12 0.00	77.14 2.99 0.00	67.74 1.89 0.00	76.58 0.74 0.00	57.52 0.22 0.00
TEALLAVE_115KV_TB7 355573	51.03 -0.22 -0.05	42.94 -0.40 0.00	36.77 -0.49 -0.03	32.82 -0.49 0.00	34.10 -0.46 0.00	36.05 -0.43 0.00	49.96 -0.38 0.00	52.24 -0.38 -0.06	50.93 -0.42 -0.43	51.51 -0.13 0.00	55.21 0.16 0.00	59.18 0.15 0.00	66.10 0.29 0.00	65.27 0.56 0.00	60.32 0.77 0.00	62.52 0.90 0.00	57.80 0.69 0.00	104.42 1.01 0.00	102.58 1.12 -0.30	89.42 1.27 -3.12	77.23 0.98 -2.10	67.68 0.52 -1.30	76.27 0.13 -0.30	57.39 0.09 0.00
TELGRAPH_34_KV_EAST 80808	54.05 2.85 0.00	44.13 0.79 0.00	37.36 0.13 0.00	33.13 -0.18 0.00	34.58 0.02 0.00	36.72 0.24 0.00	51.94 1.61 0.00	54.25 1.68 0.00	52.67 1.74 0.00	54.92 3.28 0.00	59.53 4.48 0.00	75.57 4.35 -12.19	100.79 4.24 -30.73	105.90 4.28 -36.90	79.12 4.55 -15.01	68.85 4.34 -2.90	59.30 2.18 0.00	105.57 2.16 0.00	103.25 2.09 0.00	88.65 3.22 -0.40	77.27 3.12 0.00	67.79 1.94 0.00	78.65 2.82 0.00	61.27 3.96 0.00
TEMPLE___115KV_TB 2 55572	51.07 -0.17 -0.05	42.97 -0.36 0.00	36.80 -0.46 -0.03	32.84 -0.47 0.00	34.13 -0.44 0.00	36.07 -0.41 0.00	50.00 -0.34 0.00	52.27 -0.36 -0.06	50.97 -0.39 -0.42	51.56 -0.08 0.00	55.26 0.21 0.00	59.25 0.21 0.00	66.18 0.36 0.00	65.35 0.63 0.00	60.40 0.84 0.00	62.59 0.97 0.00	57.87 0.76 0.00	104.53 1.11 0.00	102.68 1.22 -0.30	89.49 1.35 -3.11	77.27 1.02 -2.10	67.71 0.56 -1.30	76.32 0.17 -0.30	57.43 0.13 0.00
TIANA____69_KV_BK 1 55817	52.61 1.41 0.00	44.69 1.36 0.00	38.61 1.38 0.00	34.54 1.23 0.00	35.83 1.27 0.00	37.68 1.20 0.00	50.71 0.37 0.00	53.58 1.01 0.00	52.72 1.79 0.00	53.97 2.33 0.00	58.54 3.33 -0.17	82.55 3.31 -20.21	151.25 4.20 -81.23	176.78 5.50 -106.56	269.63 4.93 -205.14	184.11 5.90 -116.60	246.71 6.06 -183.54	257.07 9.98 -143.67	231.30 9.00 -121.14	228.38 7.08 -136.26	78.93 4.78 0.00	69.40 3.54 0.00	77.48 1.64 0.00	58.62 1.32 0.00

TILDEN___115KV_TB1 80814	51.30 0.04 -0.06	43.16 -0.17 0.00	36.98 -0.29 -0.03	32.98 -0.32 0.00	34.28 -0.28 0.00	36.23 -0.25 0.00	50.22 -0.12 0.00	52.51 -0.12 -0.07	51.27 -0.17 -0.51	51.71 0.07 0.00	55.42 0.37 0.00	59.40 0.37 0.00	66.34 0.53 0.00	65.54 0.82 0.00	60.58 1.03 0.00	62.79 1.18 0.00	58.10 0.99 0.00	105.03 1.61 0.00	103.29 1.77 -0.36	90.69 1.91 -3.75	78.15 1.48 -2.53	68.39 0.97 -1.56	76.78 0.58 -0.36	57.71 0.41 0.00
TRIGEN___CC 323695	52.01 0.82 0.00	44.18 0.84 0.00	37.95 0.72 0.00	33.97 0.66 0.00	35.21 0.65 0.00	37.06 0.58 0.00	50.47 0.13 0.00	52.84 0.27 0.00	51.68 0.75 0.00	52.55 0.91 0.00	56.50 1.29 -0.17	60.33 1.29 0.00	67.54 1.72 0.00	67.59 2.87 0.00	62.37 2.85 0.04	65.22 3.63 0.02	60.99 3.88 0.00	109.89 6.48 0.00	106.63 5.47 0.00	89.18 4.15 0.00	76.98 2.82 0.00	67.62 1.77 0.00	76.16 0.32 0.00	57.37 0.08 0.00
TRINITY___115KV___4 BK 55933	51.13 -0.07 0.00	43.55 0.21 0.00	37.54 0.31 0.00	33.67 0.36 0.00	34.90 0.34 0.00	36.74 0.26 0.00	50.11 -0.23 0.00	52.22 -0.34 0.00	50.62 -0.31 0.00	51.11 -0.53 0.00	54.05 -1.00 0.00	58.07 -0.97 0.00	64.84 -0.98 0.00	64.50 -0.21 0.00	59.71 0.16 0.00	62.00 0.38 0.00	57.67 0.56 0.00	104.68 1.26 0.00	102.21 1.05 0.00	85.83 0.79 0.00	74.52 0.37 0.00	65.92 0.06 0.00	75.45 -0.39 0.00	56.58 -0.72 0.00
UNION___PROCESSING_DRP 323587	53.39 2.19 0.00	44.11 0.78 0.00	37.50 0.27 0.00	33.35 0.04 0.00	34.72 0.16 0.00	36.83 0.35 0.00	51.68 1.34 0.00	54.08 1.52 0.00	52.53 1.60 0.00	54.36 2.72 0.00	58.74 3.70 0.00	83.54 3.90 -20.61	121.96 4.19 -51.95	131.37 4.28 -62.38	89.25 4.31 -25.38	70.76 4.26 -4.89	59.87 2.76 0.00	107.04 3.63 0.00	104.87 3.71 0.00	89.13 4.09 0.00	77.71 3.56 0.00	68.45 2.60 0.00	78.81 2.97 0.00	60.34 3.04 0.00
UPPER HUDSON___HYD 24058	53.21 2.01 0.00	44.89 1.56 0.00	38.65 1.42 0.00	34.74 1.43 0.00	36.04 1.48 0.00	38.00 1.52 0.00	52.10 1.77 0.00	54.44 1.87 0.00	52.63 1.70 0.00	52.97 1.33 0.00	55.69 0.65 0.00	59.96 0.93 0.00	67.28 1.46 0.00	66.78 2.06 0.00	61.86 2.30 0.00	64.59 2.97 0.00	60.16 3.05 0.00	110.31 6.90 0.00	108.28 7.12 0.00	91.75 6.72 0.00	78.73 4.58 0.00	69.50 3.64 0.00	79.64 3.80 0.00	59.51 2.21 0.00
UPPER RAQUET___HYD 24056	53.90 1.63 -1.08	44.45 1.12 0.00	38.34 1.11 -0.01	34.26 0.95 0.00	35.42 0.86 0.00	37.53 1.05 0.00	52.24 1.91 0.00	54.75 2.17 -0.02	52.73 1.68 -0.12	52.58 0.93 0.00	55.92 0.87 0.00	59.88 0.84 0.00	66.50 0.68 0.00	63.75 -0.97 0.00	57.65 -1.90 0.00	59.32 -2.29 0.00	54.83 -2.28 0.00	99.66 -3.76 0.00	98.42 -2.83 -0.08	84.11 -1.80 -0.88	74.05 -0.69 -0.59	66.04 -0.17 -0.37	77.60 1.67 -0.08	60.64 1.90 -1.45
VALLEY44_115KV_TB2 355964	52.76 1.56 0.00	43.40 0.07 0.00	36.96 -0.27 0.00	32.80 -0.50 0.00	34.33 -0.23 0.00	36.34 -0.14 0.00	51.29 0.96 0.00	53.82 1.26 0.00	52.27 1.34 0.00	54.21 2.57 0.00	58.48 3.44 0.00	68.78 3.01 -6.73	85.77 2.98 -16.97	88.31 3.20 -20.38	71.44 3.59 -8.29	66.81 3.60 -1.60	59.56 2.45 0.00	106.10 2.69 0.00	103.78 2.62 0.00	88.47 3.22 -0.22	76.59 2.43 0.00	67.31 1.45 0.00	77.45 1.61 0.00	59.58 2.28 0.00
VALLEY___115KV_TB 1-4 80826	51.99 0.80 0.00	44.21 0.87 0.00	37.97 0.74 0.00	34.03 0.73 0.00	35.32 0.76 0.00	37.26 0.78 0.00	51.07 0.74 0.00	52.94 0.38 0.00	50.86 -0.07 0.00	51.21 -0.44 0.00	54.32 -0.72 0.00	58.39 -0.65 0.00	65.41 -0.41 0.00	65.07 0.35 0.00	60.33 0.78 0.00	62.80 1.19 0.00	58.55 1.44 0.00	106.72 3.31 0.00	105.02 3.87 0.00	88.92 3.89 0.00	77.22 3.07 0.00	68.14 2.28 0.00	77.74 1.90 0.00	58.09 0.79 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.63 1.42 -0.02	44.76 1.43 0.00	38.38 1.15 -0.01	34.32 1.01 0.00	35.64 1.08 0.00	37.60 1.13 0.00	51.87 1.54 0.00	54.05 1.46 -0.02	52.57 1.49 -0.15	53.08 1.43 0.00	56.90 1.85 0.00	61.12 2.08 0.00	68.27 2.45 0.00	67.59 2.88 0.00	62.45 2.89 0.00	64.82 3.21 0.00	60.23 3.12 0.00	109.01 5.59 0.00	106.67 5.41 -0.10	90.78 4.66 -1.09	78.70 3.81 -0.73	69.31 3.00 -0.45	78.59 2.65 -0.11	59.03 1.73 0.00
VISCHER___FERRY HYD 24020	52.36 1.17 0.00	44.43 1.10 0.00	38.21 0.98 0.00	34.27 0.97 0.00	35.55 0.99 0.00	37.44 0.96 0.00	51.19 0.86 0.00	53.41 0.84 0.00	51.69 0.76 0.00	52.14 0.50 0.00	55.12 0.07 0.00	59.30 0.26 0.00	66.28 0.46 0.00	65.88 1.16 0.00	60.97 1.41 0.00	63.37 1.76 0.00	58.89 1.78 0.00	107.31 3.90 0.00	104.94 3.79 0.00	88.26 3.23 0.00	76.48 2.32 0.00	67.64 1.79 0.00	77.53 1.69 0.00	58.04 0.74 0.00
V_A_10_SYNC_DSASP 323832	53.18 1.98 0.00	43.63 0.30 0.00	37.03 -0.20 0.00	32.89 -0.41 0.00	34.29 -0.27 0.00	36.39 -0.09 0.00	51.29 0.96 0.00	53.67 1.11 0.00	52.15 1.22 0.00	54.21 2.57 0.00	58.68 3.64 0.00	70.12 3.56 -7.52	88.27 3.50 -18.95	90.96 3.49 -22.76	72.51 3.69 -9.26	66.83 3.43 -1.79	58.58 1.47 0.00	104.03 0.61 0.00	101.67 0.52 0.00	86.55 1.63 0.12	75.90 1.75 0.00	66.97 1.12 0.00	77.63 1.79 0.00	59.95 2.65 0.00
V_CMM_10_SYNC_DSASP 323787	51.57 0.52 0.15	43.69 0.36 0.00	37.71 0.48 0.00	33.71 0.40 0.00	34.94 0.38 0.00	36.90 0.42 0.00	51.15 0.82 0.00	53.59 1.02 0.00	51.88 0.95 0.00	52.50 0.85 0.00	55.87 0.82 0.00	59.87 0.83 0.00	66.56 0.74 0.00	64.57 -0.15 0.00	58.87 -0.68 0.00	60.58 -1.04 0.00	55.91 -1.20 0.00	101.42 -1.99 0.00	99.05 -2.11 0.00	83.21 -1.83 0.00	73.37 -0.78 0.00	65.59 -0.26 0.00	76.44 0.61 0.00	57.83 0.73 0.20
V_CMP_10_SYNC_DSASP 323788	51.49 0.29 0.00	43.48 0.14 0.00	37.54 0.32 0.00	33.72 0.41 0.00	34.90 0.34 0.00	36.68 0.20 0.00	50.73 0.39 0.00	53.49 0.92 0.00	51.81 0.88 0.00	52.49 0.85 0.00	56.01 0.97 0.00	60.14 1.11 0.00	66.99 1.17 0.00	65.03 0.32 0.00	59.21 -0.34 0.00	61.16 -0.45 0.00	56.54 -0.58 0.00	102.62 -0.80 0.00	100.39 -0.77 0.00	84.63 -0.40 0.00	74.11 -0.05 0.00	65.97 0.12 0.00	76.74 0.90 0.00	58.09 0.80 0.00
V_D_10_SYNC_DSASP 323841	53.85 1.07 -1.57	44.13 0.79 0.00	38.08 0.85 0.00	34.03 0.72 0.00	35.25 0.69 0.00	37.26 0.78 0.00	51.70 1.37 0.00	54.16 1.59 0.00	52.34 1.41 0.00	52.87 1.23 0.00	56.27 1.22 0.00	60.29 1.25 0.00	66.99 1.18 0.00	64.66 -0.06 0.00	58.82 -0.73 0.00	60.49 -1.12 0.00	55.85 -1.26 0.00	101.30 -2.11 0.00	99.42 -1.74 0.00	83.70 -1.33 0.00	73.61 -0.54 0.00	65.80 -0.06 0.00	77.19 1.35 0.00	60.92 1.49 -2.13
V_E_10_SYNC_DSASP 323830	54.50 2.60 -0.70	45.59 2.26 0.00	39.22 1.97 -0.02	35.12 1.82 0.00	36.61 2.05 0.00	38.78 2.30 0.00	54.00 3.66 0.00	56.35 3.75 -0.05	54.62 3.37 -0.32	55.27 3.62 0.00	59.15 4.10 0.00	63.47 5.28 0.00	71.10 5.70 0.00	70.42 5.70 0.00	65.48 5.93 0.00	68.02 6.41 0.00	63.28 6.17 0.00	114.68 11.26 0.00	113.70 12.32 -0.22	98.87 11.50 -2.34	85.42 9.69 -1.58	74.70 7.86 -0.97	83.63 7.57 -0.23	62.17 4.87 0.00

V_F_30_NSYNC___DSASP 323816	53.23 2.03 0.00	45.04 1.71 0.00	38.72 1.50 0.00	34.73 1.42 0.00	36.03 1.47 0.00	37.99 1.51 0.00	52.09 1.76 0.00	54.33 1.77 0.00	52.51 1.58 0.00	52.95 1.31 0.00	55.98 0.93 0.00	60.23 1.20 0.00	67.41 1.59 0.00	66.94 2.22 0.00	61.98 2.43 0.00	64.50 2.90 0.00	60.03 2.92 0.00	109.62 6.20 0.00	107.46 6.30 0.00	90.61 5.57 0.00	78.31 4.16 0.00	69.15 3.29 0.00	79.20 3.36 0.00	59.32 2.02 0.00
V_F_30_SYNC_DSASP 323786	51.42 0.23 0.00	43.78 0.45 0.00	37.71 0.49 0.00	33.82 0.51 0.00	35.06 0.50 0.00	36.92 0.44 0.00	50.36 0.03 0.00	52.50 -0.06 0.00	50.91 -0.03 0.00	51.44 -0.20 0.00	54.44 -0.61 0.00	58.50 -0.53 0.00	65.36 -0.45 0.00	65.03 0.31 0.00	60.24 0.68 0.00	62.55 0.93 0.00	58.20 1.09 0.00	105.60 2.19 0.00	103.12 1.96 0.00	86.58 1.55 0.00	75.15 0.99 0.00	66.43 0.57 0.00	75.99 0.15 0.00	56.98 -0.31 0.00
V_XM_10_SYNC_DSASP 323789	51.49 0.29 0.00	43.48 0.14 0.00	37.54 0.32 0.00	33.72 0.41 0.00	34.90 0.34 0.00	36.68 0.20 0.00	50.73 0.39 0.00	53.49 0.92 0.00	51.81 0.88 0.00	52.49 0.85 0.00	56.01 0.97 0.00	60.14 1.11 0.00	66.99 1.17 0.00	65.03 0.32 0.00	59.21 -0.34 0.00	61.16 -0.45 0.00	56.54 -0.58 0.00	102.62 -0.80 0.00	100.39 -0.77 0.00	84.63 -0.40 0.00	74.11 -0.05 0.00	65.97 0.12 0.00	76.74 0.90 0.00	58.09 0.80 0.00
W.BABYLN_69_KV_BK1 56697	52.64 1.44 0.00	44.63 1.30 0.00	38.35 1.12 0.00	34.27 0.97 0.00	35.52 0.96 0.00	37.41 0.93 0.00	50.77 0.44 0.00	53.30 0.74 0.00	52.18 1.25 0.00	53.23 1.59 0.00	57.54 2.32 -0.17	63.77 2.20 -2.53	78.27 2.75 -9.70	81.19 4.21 -12.26	87.99 3.80 -24.64	80.33 4.70 -14.02	84.20 4.88 -22.21	128.91 8.11 -17.38	122.95 7.13 -14.66	107.04 5.52 -16.49	78.11 3.96 0.00	68.57 2.72 0.00	76.94 1.11 0.00	58.05 0.75 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.13 0.93 0.00	44.25 0.92 0.00	37.97 0.74 0.00	34.02 0.71 0.00	35.28 0.72 0.00	37.14 0.66 0.00	50.87 0.54 0.00	53.26 0.70 0.00	52.02 1.10 0.00	52.73 1.09 0.00	56.33 1.29 0.00	60.61 1.57 0.00	67.64 1.82 0.00	67.46 2.75 0.00	62.74 3.19 0.00	65.51 3.90 0.00	61.20 4.09 0.00	110.51 7.09 0.00	107.33 6.17 0.00	89.87 4.84 0.00	77.73 3.57 0.00	68.23 2.38 0.00	77.12 1.28 0.00	57.89 0.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	52.11 0.91 0.00	44.32 0.98 0.00	38.08 0.86 0.00	34.17 0.86 0.00	35.40 0.84 0.00	37.28 0.80 0.00	50.96 0.63 0.00	53.19 0.62 0.00	52.07 1.15 0.00	52.77 1.13 0.00	56.34 1.29 0.00	60.60 1.56 0.00	67.60 1.79 0.00	67.43 2.71 0.00	62.71 3.16 0.00	65.45 3.83 0.00	61.11 4.00 0.00	110.24 6.83 0.00	106.88 5.72 0.00	89.46 4.43 0.00	77.41 3.26 0.00	67.84 1.98 0.00	76.63 0.79 0.00	57.56 0.26 0.00
W50THST__13_KV_LOAD 356117	52.41 1.22 0.00	44.58 1.25 0.00	38.34 1.11 0.00	34.39 1.08 0.00	35.64 1.08 0.00	37.55 1.07 0.00	51.39 1.05 0.00	53.61 1.05 0.00	52.51 1.58 0.00	53.24 1.60 0.00	56.86 1.82 0.00	61.16 2.13 0.00	68.20 2.39 0.00	68.05 3.33 0.00	63.30 3.74 0.00	66.06 4.45 0.00	61.72 4.61 0.00	111.25 7.83 0.00	107.76 6.60 0.00	90.08 5.05 0.00	77.91 3.76 0.00	68.25 2.40 0.00	77.05 1.21 0.00	57.89 0.59 0.00
WADING RIVER_IC_1 23522	51.97 0.77 0.00	44.13 0.80 0.00	38.19 0.96 0.00	34.16 0.85 0.00	35.42 0.86 0.00	37.25 0.77 0.00	50.04 -0.29 0.00	52.92 0.35 0.00	51.94 1.01 0.00	53.05 1.41 0.00	57.47 2.25 -0.17	81.61 2.15 -20.43	149.64 2.84 -80.99	175.10 4.16 -106.23	267.81 3.75 -204.51	182.50 4.65 -116.24	244.95 4.86 -182.98	254.43 7.79 -143.23	228.88 6.95 -120.77	226.39 5.51 -135.84	77.46 3.30 0.00	68.21 2.36 0.00	76.07 0.23 0.00	57.64 0.34 0.00
WADING RIVER_IC_2 23547	51.97 0.77 0.00	44.13 0.80 0.00	38.19 0.96 0.00	34.16 0.85 0.00	35.42 0.86 0.00	37.25 0.77 0.00	50.04 -0.29 0.00	52.92 0.35 0.00	51.94 1.01 0.00	53.05 1.41 0.00	57.47 2.25 -0.17	81.61 2.15 -20.43	149.64 2.84 -80.99	175.10 4.16 -106.23	267.81 3.75 -204.51	182.50 4.65 -116.24	244.95 4.86 -182.98	254.43 7.79 -143.23	228.88 6.95 -120.77	226.39 5.51 -135.84	77.46 3.30 0.00	68.21 2.36 0.00	76.07 0.23 0.00	57.64 0.34 0.00
WADING RIVER_IC_3 23601	51.97 0.77 0.00	44.13 0.80 0.00	38.19 0.96 0.00	34.16 0.85 0.00	35.42 0.86 0.00	37.25 0.77 0.00	50.04 -0.29 0.00	52.92 0.35 0.00	51.94 1.01 0.00	53.05 1.41 0.00	57.47 2.25 -0.17	81.61 2.15 -20.43	149.64 2.84 -80.99	175.10 4.16 -106.23	267.81 3.75 -204.51	182.50 4.65 -116.24	244.95 4.86 -182.98	254.43 7.79 -143.23	228.88 6.95 -120.77	226.39 5.51 -135.84	77.46 3.30 0.00	68.21 2.36 0.00	76.07 0.23 0.00	57.64 0.34 0.00
WALDENNY_12_KV_BK2 80841	54.23 3.03 0.00	44.27 0.94 0.00	37.47 0.24 0.00	33.23 -0.08 0.00	34.68 0.12 0.00	36.80 0.32 0.00	52.13 1.80 0.00	54.54 1.98 0.00	53.08 2.15 0.00	55.43 3.79 0.00	60.24 5.19 0.00	72.23 5.21 -7.98	91.22 5.28 -20.12	94.15 5.27 -24.16	74.91 5.52 -9.83	68.91 5.40 -1.90	60.52 3.41 0.00	107.66 4.25 0.00	105.16 4.00 0.00	89.97 4.61 -0.33	78.24 4.09 0.00	68.59 2.73 0.00	79.36 3.52 0.00	61.50 4.20 0.00
WALDEN___HYDRO 24148	51.95 0.75 0.00	44.12 0.78 0.00	37.84 0.62 0.00	33.92 0.62 0.00	35.17 0.61 0.00	37.02 0.55 0.00	50.72 0.39 0.00	53.01 0.44 0.00	51.70 0.77 0.00	52.34 0.69 0.00	55.80 0.76 0.00	60.04 1.00 0.00	67.05 1.23 0.00	66.81 2.09 0.00	62.11 2.56 0.00	64.80 3.19 0.00	60.37 3.26 0.00	108.75 5.34 0.00	106.37 5.21 0.00	89.34 4.30 0.00	77.32 3.17 0.00	67.96 2.11 0.00	76.98 1.15 0.00	57.81 0.51 0.00
WARRENSBURG____ 23737	53.21 2.01 0.00	44.89 1.56 0.00	38.65 1.42 0.00	34.74 1.43 0.00	36.04 1.48 0.00	38.00 1.52 0.00	52.11 1.77 0.00	54.44 1.88 0.00	52.63 1.70 0.00	52.97 1.33 0.00	55.69 0.65 0.00	59.97 0.93 0.00	67.28 1.46 0.00	66.78 2.07 0.00	61.86 2.30 0.00	64.59 2.97 0.00	60.16 3.05 0.00	110.31 6.90 0.00	108.28 7.13 0.00	91.75 6.72 0.00	78.73 4.58 0.00	69.50 3.64 0.00	79.64 3.80 0.00	59.51 2.21 0.00
WATERSIDE___6 8 9 23538	51.81 0.61 0.00	44.25 0.91 0.00	37.99 0.77 0.00	34.12 0.81 0.00	35.25 0.69 0.00	37.13 0.65 0.00	50.66 0.32 0.00	52.74 0.18 0.00	51.79 0.85 0.00	52.36 0.72 0.00	55.93 0.88 0.00	60.04 1.01 0.00	66.95 1.14 0.00	66.88 2.16 0.00	62.17 2.61 0.00	64.87 3.26 0.00	60.68 3.56 0.00	109.26 5.84 0.00	105.88 4.73 0.00	88.61 3.58 0.00	76.64 2.49 0.01	67.22 1.36 0.00	75.92 0.08 0.00	57.15 -0.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	51.66 0.46 0.00	43.87 0.54 0.00	37.69 0.46 0.00	33.77 0.46 0.00	35.04 0.48 0.00	36.97 0.49 0.00	50.74 0.41 0.00	52.71 0.15 0.00	50.76 -0.17 0.00	51.20 -0.44 0.00	54.38 -0.66 0.00	58.41 -0.62 0.00	65.35 -0.46 0.00	64.84 0.12 0.00	60.02 0.47 0.00	62.38 0.77 0.00	58.08 0.97 0.00	105.70 2.28 0.00	103.87 2.71 0.00	87.75 2.72 0.00	76.27 2.11 0.00	67.40 1.54 0.00	77.04 1.20 0.00	57.73 0.43 0.00

WDELAWARE___HYD 323627	51.39 0.19 0.00	43.62 0.29 0.00	37.37 0.14 0.00	33.48 0.17 0.00	34.72 0.16 0.00	36.56 0.08 0.00	50.16 -0.17 0.00	52.38 -0.18 0.00	51.05 0.11 0.00	51.66 0.02 0.00	55.07 0.02 0.00	59.25 0.22 0.00	65.90 0.08 0.00	64.15 -0.56 0.00	59.63 0.08 0.00	62.31 0.69 0.00	58.28 1.17 0.00	105.58 2.17 0.00	103.28 2.12 0.00	86.70 1.67 0.00	75.23 1.08 0.00	67.71 1.85 0.00	76.59 0.75 0.00	57.41 0.11 0.00
WEST BABYLON___IC 23714	52.64 1.44 0.00	44.63 1.30 0.00	38.35 1.12 0.00	34.27 0.97 0.00	35.52 0.96 0.00	37.41 0.93 0.00	50.77 0.44 0.00	53.30 0.74 0.00	52.18 1.25 0.00	53.23 1.59 0.00	57.54 2.32 -0.17	63.77 2.20 -2.53	78.27 2.75 -9.70	81.19 4.21 -12.26	87.99 3.80 -24.64	80.33 4.70 -14.02	84.20 4.88 -22.21	128.91 8.11 -17.38	122.95 7.13 -14.66	107.04 5.52 -16.49	78.11 3.96 0.00	68.57 2.72 0.00	76.94 1.11 0.00	58.05 0.75 0.00
WEST CANADA___HYD 24049	51.14 -0.06 0.00	43.35 0.02 0.00	37.23 0.00 0.00	33.31 0.00 0.00	34.56 0.00 0.00	36.48 0.01 0.00	50.29 -0.05 0.00	52.47 -0.10 0.00	50.83 -0.10 0.00	51.50 -0.15 0.00	54.84 -0.20 0.00	58.82 -0.21 0.00	65.63 -0.19 0.00	64.76 0.04 0.00	59.73 0.17 0.00	61.89 0.28 0.00	57.40 0.29 0.00	104.06 0.65 0.00	101.78 0.63 0.00	85.62 0.59 0.00	74.57 0.42 0.00	66.09 0.24 0.00	75.89 0.05 0.00	57.22 -0.08 0.00
WESTERN_NY_WIND 24143	55.18 3.99 0.00	45.14 1.81 0.00	38.20 0.98 0.00	33.90 0.59 0.00	35.38 0.82 0.00	37.59 1.11 0.00	53.11 2.78 0.00	55.55 2.98 0.00	53.81 2.88 0.00	55.89 4.25 0.00	60.09 5.05 -13.53	77.24 4.67 -34.12	104.90 4.97 -40.96	110.70 5.02 -16.66	81.70 5.48 -3.21	70.07 5.25 0.00	60.13 3.02 0.00	107.42 4.01 0.00	105.31 4.15 0.00	90.63 5.25 -0.34	79.02 4.87 0.00	69.28 3.43 0.00	80.19 4.35 0.00	62.71 5.40 -0.01
WESTOVER___LESR 323668	51.67 0.44 -0.04	43.52 0.19 0.00	37.31 0.06 -0.02	33.25 -0.05 0.00	34.62 0.06 0.00	36.54 0.07 0.00	50.74 0.40 0.00	53.01 0.40 -0.04	51.56 0.33 -0.30	52.25 0.61 0.00	56.07 1.03 0.00	59.98 0.94 0.00	67.03 1.21 0.00	66.26 1.54 0.00	61.43 1.87 0.00	63.66 2.05 0.00	58.97 1.86 0.00	106.11 2.69 0.00	104.10 2.72 -0.21	90.12 2.85 -2.23	77.79 2.13 -1.51	68.36 1.57 -0.93	77.16 1.10 -0.22	58.17 0.88 0.00
WETHRSFD_WT_PWR 323626	52.27 1.79 0.72	43.49 0.16 0.00	36.84 -0.39 0.00	32.66 -0.64 0.00	34.15 -0.41 0.00	36.17 -0.30 0.00	51.16 0.82 0.00	53.43 0.87 0.00	51.79 0.85 0.00	53.67 2.03 0.00	58.15 3.10 -6.58	68.48 2.86 -16.59	85.22 2.81 -19.92	87.50 2.86 -8.11	71.04 3.38 -1.56	66.50 3.32 0.00	58.97 1.85 0.00	105.28 1.87 0.00	103.43 2.27 0.00	88.41 3.26 -0.12	77.16 3.01 0.00	67.88 2.03 0.00	78.25 2.41 0.00	60.39 3.09 0.00
WHAVSTOR_138KV_BK127 55557	51.71 0.51 0.00	43.92 0.59 0.00	37.70 0.48 0.00	33.79 0.48 0.00	35.04 0.48 0.00	36.89 0.41 0.00	50.50 0.16 0.00	52.86 0.29 0.00	51.62 0.69 0.00	52.30 0.65 0.00	55.81 0.77 0.00	60.01 0.98 0.00	66.91 1.09 0.00	66.71 1.99 0.00	62.01 2.46 0.00	64.74 3.13 0.00	60.47 3.36 0.00	109.18 5.77 0.00	106.05 4.89 0.00	88.85 3.81 0.00	76.88 2.73 0.00	67.51 1.65 0.00	76.35 0.51 0.00	57.35 0.05 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.71 0.51 0.00	43.92 0.59 0.00	37.70 0.48 0.00	33.79 0.48 0.00	35.04 0.48 0.00	36.89 0.41 0.00	50.50 0.16 0.00	52.86 0.29 0.00	51.62 0.69 0.00	52.30 0.65 0.00	55.81 0.77 0.00	60.01 0.98 0.00	66.91 1.09 0.00	66.71 1.99 0.00	62.01 2.46 0.00	64.74 3.13 0.00	60.47 3.36 0.00	109.18 5.77 0.00	106.05 4.89 0.00	88.85 3.81 0.00	76.88 2.73 0.00	67.51 1.65 0.00	76.35 0.51 0.00	57.35 0.05 0.00
WHITEHAL_115KV_TB1 80871	54.22 3.02 0.00	45.31 1.98 0.00	39.43 2.20 0.00	35.87 2.56 0.00	37.25 2.69 0.00	39.20 2.72 0.00	53.48 3.14 0.00	56.25 3.69 0.00	54.43 3.50 0.00	54.34 2.70 0.00	56.88 1.84 0.00	61.24 2.21 0.00	68.90 3.08 0.00	68.57 3.86 0.00	63.28 3.72 0.00	66.59 4.98 0.00	61.94 4.83 0.00	114.70 11.28 0.00	112.49 11.33 0.00	94.92 9.89 0.00	79.49 5.33 0.00	70.09 4.23 0.00	81.30 5.47 0.00	60.29 2.99 0.00
WHITEPLN_13_KV_LOAD 356215	52.62 1.42 0.00	44.66 1.33 0.00	38.33 1.11 0.00	34.35 1.05 0.00	35.60 1.04 0.00	37.49 1.01 0.00	51.34 1.01 0.00	53.70 1.14 0.00	52.53 1.60 0.00	53.27 1.63 0.00	56.94 1.89 0.00	61.27 2.23 0.00	68.42 2.61 0.00	68.31 3.60 0.00	63.51 3.95 0.00	66.32 4.71 0.00	61.94 4.83 0.00	111.84 8.43 0.00	108.55 7.39 0.00	90.84 5.81 0.00	78.51 4.36 0.00	68.86 3.00 0.00	77.77 1.93 0.00	58.37 1.07 0.00
WM_FLOYD_69_KV_BK2 356380	52.45 1.26 0.00	44.52 1.19 0.00	38.40 1.17 0.00	34.33 1.03 0.00	35.60 1.04 0.00	37.45 0.98 0.00	50.49 0.16 0.00	53.20 0.64 0.00	52.19 1.26 0.00	53.27 1.63 0.00	57.70 2.49 -0.17	80.61 2.36 -19.22	151.48 3.08 -82.58	177.58 4.48 -108.38	272.14 3.97 -208.62	185.03 4.84 -118.58	248.84 5.08 -186.65	257.87 8.35 -146.10	231.86 7.51 -123.20	229.54 5.94 -138.57	78.05 3.90 0.00	68.66 2.81 0.00	76.68 0.84 0.00	58.00 0.71 0.00
WOODARD__115KV_TB2 355635	50.94 -0.33 -0.06	42.86 -0.47 0.00	36.72 -0.54 -0.04	32.77 -0.54 0.00	34.06 -0.50 0.00	36.00 -0.48 0.00	49.85 -0.48 0.00	52.15 -0.49 -0.08	50.97 -0.53 -0.56	51.38 -0.26 0.00	55.04 0.00 0.00	58.99 -0.05 0.00	65.88 0.06 0.00	65.04 0.33 0.00	60.10 0.54 0.00	62.26 0.64 0.00	57.59 0.48 0.00	104.10 0.68 0.00	102.35 0.80 -0.40	90.16 1.01 -4.13	77.67 0.74 -2.78	67.91 0.33 -1.72	76.19 -0.05 -0.40	57.22 -0.08 0.00
WOODMERE_69_KV_BK1 55827	52.81 1.62 0.00	44.79 1.46 0.00	38.45 1.22 0.00	34.39 1.09 0.00	35.64 1.08 0.00	37.52 1.04 0.00	51.10 0.77 0.00	53.54 0.97 0.00	52.39 1.46 0.00	53.36 1.71 0.00	57.47 2.26 -0.17	61.44 2.40 0.00	69.08 3.04 -0.23	69.81 3.96 -1.13	63.68 3.87 -0.25	66.46 4.73 -0.12	62.08 4.97 0.00	111.88 8.47 0.00	108.56 7.40 0.00	90.72 5.68 0.00	78.24 4.09 0.00	68.71 2.85 0.00	77.36 1.53 0.00	58.39 1.09 0.00
YORK___WARBASSE 23770	52.14 0.95 0.00	44.53 1.20 0.00	38.19 0.96 0.00	34.25 0.94 0.00	35.41 0.84 0.00	37.30 0.82 0.00	50.90 0.56 0.00	52.89 0.33 0.00	51.98 1.05 0.00	52.55 0.90 0.00	56.15 1.10 0.00	60.31 1.28 0.00	67.30 1.49 0.00	67.23 2.51 0.00	62.51 2.96 0.00	65.24 3.64 0.00	60.99 3.88 0.00	109.95 6.54 0.00	106.61 5.45 -0.01	89.26 4.22 -0.01	77.22 3.06 -0.01	67.67 1.81 0.00	76.47 0.63 0.00	57.54 0.23 0.00