

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/30/2025

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	80.82	64.93	59.88	58.69	58.54	58.74	57.55	60.35	60.01	74.08	78.65	80.70	68.20	92.31	95.78	93.99	584.94	3210.36	185.53	60.71	58.33	58.42	57.23	59.85
24138	3.27	2.67	3.02	3.21	3.06	3.07	3.37	3.99	4.25	5.45	6.63	6.76	7.02	10.08	10.76	8.73	9.63	56.25	2.17	3.58	4.34	4.80	4.36	3.78
	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	-18.41	-491.37	-2662.33	-163.39	-22.12	-13.03	-5.78	0.00	0.00
74TH STREET_GT_1	81.12	65.16	60.08	58.84	58.62	58.80	57.59	60.39	60.03	74.11	78.68	80.78	68.27	92.36	95.80	93.50	584.91	3210.50	185.55	60.81	58.42	58.49	57.36	59.97
24260	3.57	2.89	3.22	3.37	3.14	3.14	3.40	4.04	4.27	5.48	6.66	6.85	7.09	10.13	10.78	8.77	9.73	57.03	2.22	3.69	4.44	4.87	4.49	3.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.88	-491.25	-2661.69	-163.36	-22.12	-13.03	-5.78	0.00	0.00
74TH STREET_GT_2	81.12	65.16	60.08	58.84	58.62	58.80	57.59	60.39	60.03	74.11	78.68	80.78	68.27	92.36	95.80	93.50	584.91	3210.50	185.55	60.81	58.42	58.49	57.36	59.97
24261	3.57	2.89	3.22	3.37	3.14	3.14	3.40	4.04	4.27	5.48	6.66	6.85	7.09	10.13	10.78	8.77	9.73	57.03	2.22	3.69	4.44	4.87	4.49	3.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.88	-491.25	-2661.69	-163.36	-22.12	-13.03	-5.78	0.00	0.00
ADK HUDSON___FALLS	82.83	66.35	60.57	59.00	58.98	59.38	58.03	60.11	59.22	72.66	76.47	77.73	64.70	88.29	92.22	72.81	92.67	604.01	49.87	38.40	113.39	98.78	57.16	59.66
24011	5.29	4.08	3.71	3.52	3.50	3.71	3.84	3.76	3.46	4.03	4.46	3.80	3.52	6.06	7.20	5.91	7.88	48.09	1.95	3.39	4.31	4.86	4.29	3.59
	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	-0.05	-0.85	-64.14	-27.96	0.00	-68.13	-46.07	0.00	0.00
ADK RESOURCE___RCVRY	83.66	66.97	61.07	59.43	59.40	59.89	58.49	60.51	59.52	73.01	76.78	77.99	64.91	88.90	93.03	73.48	93.42	609.86	50.22	38.78	114.26	99.32	57.57	60.10
23798	6.12	4.71	4.21	3.95	3.92	4.22	4.30	4.15	3.76	4.38	4.76	4.05	3.72	6.67	8.02	6.58	8.64	52.90	2.15	3.77	4.81	5.41	4.70	4.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.85	-65.19	-28.10	0.00	-68.50	-46.06	0.00	0.00
ADK S GLENS___FALLS	82.83	66.35	60.57	59.00	58.98	59.38	58.03	60.11	59.22	72.66	76.47	77.73	64.70	88.29	92.22	72.81	92.67	604.01	49.87	38.40	113.39	98.78	57.16	59.66
24028	5.29	4.08	3.71	3.52	3.50	3.71	3.84	3.76	3.46	4.03	4.46	3.80	3.52	6.06	7.20	5.91	7.88	48.09	1.95	3.39	4.31	4.86	4.29	3.59
	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	-0.05	-0.85	-64.14	-27.96	0.00	-68.13	-46.07	0.00	0.00
ADK_NYS___DAM	81.28	65.38	59.88	58.27	58.31	58.61	57.33	59.44	58.68	71.90	75.68	77.14	63.99	87.02	90.61	72.49	101.99	598.41	47.47	38.52	92.69	90.82	55.87	58.38
23527	3.74	3.11	3.02	2.79	2.83	2.94	3.14	3.09	2.92	3.27	3.66	3.21	2.81	4.78	5.59	4.96	5.90	36.49	1.43	2.44	2.99	3.58	3.00	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-12.16	-70.14	-26.07	-1.08	-48.75	-39.39	0.00	0.00
AIR_PRODUCTS___DRP	77.50	62.35	57.22	56.01	56.03	56.00	54.64	56.84	56.08	68.95	72.64	74.29	62.04	83.72	87.03	68.71	87.17	500.01	36.63	35.84	78.66	48.13	53.39	56.10
24190	-0.05	0.08	0.36	0.53	0.55	0.34	0.45	0.48	0.32	0.32	0.62	0.36	0.86	1.49	2.01	1.99	2.33	15.39	0.55	0.84	0.90	1.02	0.52	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	-0.91	7.15	-16.11	0.00	-36.82	0.74	0.00	0.00
AKWESSNE_115KV_BK	77.16	62.28	56.96	55.61	55.70	55.87	54.20	56.29	55.73	68.43	71.40	73.21	59.79	79.46	81.61	47.94	80.12	471.70	19.17	33.58	37.28	46.05	51.76	56.17
355683	-0.39	0.02	0.10	0.13	0.22	0.20	0.02	-0.07	-0.03	-0.20	-0.61	-0.73	-1.39	-2.77	-3.41	-3.21	-3.80	-20.08	-0.80	-1.43	-1.68	-1.79	-1.11	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.70	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.00
ALBANY_1_SOLAR	77.84	62.65	57.45	56.17	56.19	56.26	54.81	56.66	55.62	68.18	71.64	73.27	61.06	82.54	85.76	67.81	89.89	506.23	35.49	36.12	70.27	44.30	53.56	56.32
323833	0.30	0.38	0.59	0.69	0.71	0.59	0.62	0.31	-0.14	-0.44	-0.38	-0.66	-0.12	0.31	0.74	0.88	1.50	8.67	0.39	0.77	0.90	1.13	0.69	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-4.46	-5.79	-15.13	-0.35	-28.44	4.67	0.00	0.00
ALBANY_2_SOLAR	77.80	62.62	57.42	56.14	56.15	56.23	54.80	56.65	55.59	68.16	71.63	73.24	61.04	82.48	85.73	67.79	89.83	505.77	35.45	36.11	70.24	44.30	53.55	56.30
323834	0.25	0.36	0.56	0.67	0.67	0.56	0.61	0.29	-0.16	-0.47	-0.39	-0.69	-0.14	0.25	0.71	0.87	1.49	8.55	0.38	0.76	0.87	1.11	0.67	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-4.41	-5.44	-15.10	-0.34	-28.42	4.64	0.00	0.00
ALBANY___1	77.50	62.35	57.22	56.01	56.03	56.00	54.64	56.84	56.08	68.95	72.64	74.29	62.04	83.72	87.03	68.71	87.17	500.01	36.63	35.84	78.66	48.13	53.39	56.10
23571	-0.05	0.08	0.36	0.53	0.55	0.34	0.45	0.48	0.32	0.32	0.62	0.36	0.86	1.49	2.01	1.99	2.33	15.39	0.55	0.84	0.90	1.02	0.52	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	-0.91	7.15	-16.11	0.00	-36.82	0.74	0.00	0.00

ALBANY___2 23572	77.50 -0.05 0.00	62.35 0.08 0.00	57.22 0.36 0.00	56.01 0.53 0.00	56.03 0.55 0.00	56.00 0.34 0.00	54.64 0.45 0.00	56.84 0.48 0.00	56.08 0.32 0.00	68.95 0.32 0.00	72.64 0.62 0.00	74.29 0.36 0.00	62.04 0.86 0.00	83.72 1.49 0.00	87.03 2.01 0.00	68.71 1.99 0.13	87.17 2.33 -0.91	500.01 15.39 7.15	36.63 0.55 -16.11	35.84 0.84 0.00	78.66 0.90 -36.82	48.13 1.02 0.74	53.39 0.52 0.00	56.10 0.02 0.00
ALBANY___3 23573	77.50 -0.05 0.00	62.35 0.08 0.00	57.22 0.36 0.00	56.01 0.53 0.00	56.03 0.55 0.00	56.00 0.34 0.00	54.64 0.45 0.00	56.84 0.48 0.00	56.08 0.32 0.00	68.95 0.32 0.00	72.64 0.62 0.00	74.29 0.36 0.00	62.04 0.86 0.00	83.72 1.49 0.00	87.03 2.01 0.00	68.71 1.99 0.13	87.17 2.33 -0.91	500.01 15.39 7.15	36.63 0.55 -16.11	35.84 0.84 0.00	78.66 0.90 -36.82	48.13 1.02 0.74	53.39 0.52 0.00	56.10 0.02 0.00
ALBANY___4 23574	77.50 -0.05 0.00	62.35 0.08 0.00	57.22 0.36 0.00	56.01 0.53 0.00	56.03 0.55 0.00	56.00 0.34 0.00	54.64 0.45 0.00	56.84 0.48 0.00	56.08 0.32 0.00	68.95 0.32 0.00	72.64 0.62 0.00	74.29 0.36 0.00	62.04 0.86 0.00	83.72 1.49 0.00	87.03 2.01 0.00	68.71 1.99 0.13	87.17 2.33 -0.91	500.01 15.39 7.15	36.63 0.55 -16.11	35.84 0.84 0.00	78.66 0.90 -36.82	48.13 1.02 0.74	53.39 0.52 0.00	56.10 0.02 0.00
ALBANY___LFGE 323615	78.61 1.07 0.00	63.21 0.95 0.00	57.97 1.11 0.00	56.69 1.20 0.00	56.70 1.22 0.00	56.73 1.06 0.00	55.36 1.17 0.00	57.58 1.23 0.00	56.88 1.12 0.00	69.97 1.35 0.00	73.73 1.71 0.00	75.47 1.53 0.00	63.01 1.83 0.00	85.13 2.90 0.00	88.51 3.49 0.00	69.96 3.10 -0.01	88.74 3.90 -0.91	529.29 24.15 -13.36	40.45 0.90 -19.58	36.44 1.44 0.00	88.62 1.60 -46.08	76.53 1.83 -26.86	54.25 1.38 0.00	56.94 0.86 0.00
ALCOA_PA_115KV_PL-6C 55860	77.91 0.36 0.00	62.60 0.34 0.00	57.22 0.36 0.00	55.88 0.40 0.00	55.96 0.48 0.00	56.20 0.53 0.00	54.51 0.32 0.00	56.56 0.21 0.00	55.96 0.20 0.00	68.63 0.00 0.00	71.59 -0.43 0.00	73.23 -0.71 0.00	59.77 -1.42 0.00	78.98 -3.25 0.00	81.05 -3.98 0.00	48.42 -3.24 15.19	80.21 -3.72 0.00	472.41 -19.37 0.00	19.22 -0.75 0.00	33.69 -1.32 0.00	36.68 -1.55 2.72	46.29 -1.55 0.00	52.16 -0.71 0.00	56.48 0.40 0.00
ALCOA_RYNLDS___DRP 24188	77.91 0.36 0.00	62.60 0.34 0.00	57.22 0.36 0.00	55.88 0.40 0.00	55.96 0.48 0.00	56.20 0.53 0.00	54.51 0.32 0.00	56.56 0.21 0.00	55.96 0.20 0.00	68.63 0.00 0.00	71.59 -0.43 0.00	73.23 -0.71 0.00	59.77 -1.42 0.00	78.98 -3.25 0.00	81.05 -3.98 0.00	48.42 -3.24 15.19	80.21 -3.72 0.00	472.41 -19.37 0.00	19.22 -0.75 0.00	33.69 -1.32 0.00	36.68 -1.55 2.72	46.29 -1.55 0.00	52.16 -0.71 0.00	56.48 0.40 0.00
ALCOA___DSASP 323711	77.91 0.37 0.00	62.60 0.34 0.00	57.22 0.36 0.00	55.88 0.40 0.00	55.96 0.48 0.00	56.20 0.53 0.00	54.51 0.32 0.00	56.56 0.21 0.00	55.96 0.20 0.00	68.63 0.00 0.00	71.59 -0.43 0.00	73.23 -0.71 0.00	59.77 -1.42 0.00	78.98 -3.25 0.00	81.04 -3.98 0.00	48.42 -3.24 15.19	80.21 -3.72 0.00	472.38 -19.40 0.00	19.22 -0.75 0.00	33.69 -1.32 0.00	36.68 -1.55 2.72	46.29 -1.56 0.00	52.16 -0.71 0.00	56.48 0.40 0.00
ALLEGHENY___COGEN 23514	82.25 4.70 0.00	65.06 2.80 0.00	58.02 1.16 0.00	56.35 0.87 0.00	56.25 0.77 0.00	56.73 1.07 0.00	55.39 1.21 0.00	57.56 1.20 0.00	56.31 0.55 0.00	69.08 0.45 0.00	72.32 0.30 0.00	72.63 -1.31 0.00	58.74 -2.45 0.00	78.49 -3.74 0.00	80.95 -4.07 0.00	64.93 -1.92 0.00	81.45 -2.48 0.00	501.10 -21.34 -30.66	21.69 -0.33 -2.04	34.81 -0.19 0.00	41.51 0.21 -0.36	48.57 0.72 -0.01	57.24 4.37 0.00	58.26 2.19 0.00
ALTAMONT_115KV_TB 2 55880	78.52 0.98 0.00	63.15 0.88 0.00	57.89 1.03 0.00	56.56 1.09 0.00	56.54 1.06 0.00	56.68 1.02 0.00	55.31 1.12 0.00	57.49 1.14 0.00	56.74 0.98 0.00	69.78 1.15 0.00	73.43 1.41 0.00	75.23 1.29 0.00	62.70 1.51 0.00	84.72 2.49 0.00	87.91 2.89 0.00	69.11 2.51 0.25	84.60 3.19 2.52	472.95 19.12 37.95	32.60 0.74 -11.88	35.89 1.22 0.33	72.39 1.42 -30.03	54.34 1.63 -4.87	54.14 1.26 0.00	56.88 0.80 0.00
ALTONA_WT_PWR 323606	77.70 0.15 0.00	62.37 0.10 0.00	57.03 0.17 0.00	55.84 0.36 0.00	55.90 0.42 0.00	55.97 0.30 0.00	54.35 0.17 0.00	56.43 0.07 0.00	55.79 0.03 0.00	68.49 -0.14 0.00	71.54 -0.48 0.00	73.22 -0.72 0.00	59.81 -1.37 0.00	79.74 -2.48 0.00	81.68 -3.34 0.00	48.03 -3.05 15.78	80.32 -3.61 0.00	474.81 -16.97 0.00	19.33 -0.64 0.00	33.85 -1.16 0.00	37.76 -1.31 1.87	46.33 -1.51 0.00	51.91 -0.96 0.00	56.24 0.16 0.00
AMERICAN_REF_FUEL 24010	79.35 1.80 0.00	62.70 0.43 0.00	55.44 -1.42 0.00	53.72 -1.76 0.00	53.63 -1.85 0.00	54.02 -1.65 0.00	52.24 -1.95 0.00	54.00 -2.36 0.00	54.10 -1.66 0.00	67.70 -0.93 0.00	70.76 -1.26 0.00	73.43 -0.50 0.00	61.23 0.04 0.00	82.40 0.17 0.00	84.41 -0.61 0.00	65.11 -1.74 0.00	80.89 -3.04 0.00	500.66 -18.36 -27.24	20.85 -0.93 -1.81	33.59 -1.42 0.00	39.63 -1.63 -0.31	46.59 -1.26 -0.01	52.23 -0.65 0.00	54.51 -1.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	82.25 4.71 0.00	65.11 2.85 0.00	57.51 0.66 0.00	55.78 0.31 0.00	55.71 0.23 0.00	56.24 0.57 0.00	54.66 0.48 0.00	57.11 0.76 0.00	57.11 1.35 0.00	71.65 3.03 0.00	75.16 3.14 0.00	78.20 4.26 0.00	64.85 3.67 0.00	87.66 5.43 0.00	90.15 5.14 0.00	69.81 2.96 0.00	86.78 2.85 0.00	538.84 15.89 -31.17	22.58 0.53 -2.08	36.31 1.31 0.00	43.01 1.70 -0.36	49.89 2.05 -0.01	55.50 2.63 0.00	56.34 0.26 0.00
ARTHUR KILL_GT_1 23520	79.84 2.30 0.00	64.26 2.00 0.00	59.10 2.45 0.20	57.63 2.61 0.46	56.66 2.16 0.98	57.69 2.33 0.30	56.92 2.73 0.00	59.73 3.38 0.00	59.37 3.61 0.00	73.03 4.40 0.00	77.80 5.79 0.00	79.92 5.98 0.00	67.58 6.39 0.00	91.41 9.19 0.00	95.01 9.98 -0.01	92.15 8.09 -17.21	578.95 7.96 -487.07	3201.28 47.81 -2661.69	185.24 1.91 -163.36	60.46 3.34 -22.12	58.00 4.02 -13.03	57.91 4.29 -5.78	56.90 4.03 0.00	59.36 3.28 0.00
ARTHUR_KILL_2 23512	79.45 1.90 0.00	63.95 1.68 0.00	58.84 2.19 0.20	57.38 2.36 0.46	56.42 1.92 0.98	57.43 2.07 0.30	56.69 2.50 0.00	59.49 3.14 0.00	59.12 3.36 0.00	72.70 4.08 0.00	77.47 5.46 0.00	79.55 5.62 0.00	67.28 6.10 0.00	91.01 8.78 0.00	94.56 9.53 -0.01	91.77 7.71 -17.21	578.44 7.45 -487.06	3198.65 45.19 -2661.69	185.14 1.81 -163.36	60.25 3.12 -22.12	57.77 3.79 -13.03	57.64 4.01 -5.78	56.61 3.74 0.00	59.07 3.00 0.00
ARTHUR_KILL_3 23513	79.78 2.24 0.00	64.05 1.78 0.00	58.83 2.18 0.21	57.39 2.38 0.47	56.67 2.18 0.99	57.56 2.20 0.31	56.66 2.47 0.00	59.35 2.99 0.00	58.95 3.19 0.00	72.77 4.14 0.00	77.26 5.25 0.00	79.34 5.40 0.00	67.08 5.89 0.00	90.73 8.50 0.00	94.18 9.16 0.00	88.94 7.50 -14.59	571.10 7.96 -479.21	3200.92 47.15 -2661.99	185.16 1.83 -163.36	60.14 3.02 -22.11	57.65 3.67 -13.03	57.64 4.02 -5.78	56.33 3.47 0.01	58.94 2.87 0.00

ARTHUR_KILL_COGEN 323718	79.84 2.30 0.00	64.26 1.99 0.00	59.10 2.45 0.20	57.63 2.61 0.46	56.66 2.16 0.98	57.70 2.33 0.30	56.92 2.73 0.00	59.73 3.38 0.00	59.38 3.62 0.00	73.03 4.40 0.00	77.80 5.79 0.00	79.92 5.98 0.00	67.58 6.40 0.00	91.42 9.19 0.00	95.00 9.97 -0.01	92.13 8.07 -17.21	578.86 7.87 -487.06	3201.23 47.76 -2661.69	185.25 1.92 -163.36	60.45 3.33 -22.12	58.02 4.03 -13.03	57.91 4.29 -5.78	56.90 4.03 0.00	59.36 3.28 0.00
ASHOKAN____ 23654	79.95 2.40 0.00	64.21 1.95 0.00	58.99 2.13 0.00	57.58 2.11 0.00	57.45 1.97 0.00	57.61 1.94 0.00	56.28 2.09 0.00	58.71 2.36 0.00	58.00 2.24 0.00	71.28 2.65 0.00	75.16 3.14 0.00	77.06 3.13 0.00	64.67 3.48 0.00	87.61 5.38 0.00	91.43 6.41 0.00	74.01 5.60 -1.56	123.41 8.65 -30.83	725.24 47.59 -185.87	49.52 1.95 -27.60	41.42 3.49 -2.93	66.04 3.37 -21.73	48.90 4.19 3.13	56.27 3.40 0.00	58.66 2.59 0.00
ASTORIA_EAST_ENERGY_CC1 323581	79.55 2.00 0.00	64.18 1.92 0.00	59.44 2.58 0.00	58.38 2.90 0.00	57.85 2.36 0.00	58.06 2.40 0.00	56.86 2.68 0.00	59.64 3.28 0.00	59.16 3.41 0.00	72.79 4.16 0.00	77.36 5.34 0.00	79.40 5.46 0.00	67.16 5.95 -0.03	91.33 8.63 -0.47	94.77 9.24 -0.50	93.70 7.59 -19.26	590.99 7.91 -499.14	3238.51 47.07 -2699.66	187.22 1.85 -165.40	60.49 3.21 -22.27	57.78 3.81 -13.03	57.66 4.04 -5.78	56.50 3.63 0.00	59.03 2.96 0.00
ASTORIA_EAST_ENERGY_CC2 323582	79.55 2.00 0.00	64.18 1.92 0.00	59.44 2.58 0.00	58.38 2.90 0.00	57.85 2.36 0.00	58.06 2.40 0.00	56.86 2.68 0.00	59.64 3.28 0.00	59.16 3.41 0.00	72.79 4.16 0.00	77.36 5.34 0.00	79.40 5.46 0.00	67.16 5.95 -0.03	91.33 8.63 -0.47	94.77 9.24 -0.50	93.70 7.59 -19.26	590.99 7.91 -499.14	3238.51 47.07 -2699.66	187.22 1.85 -165.40	60.49 3.21 -22.27	57.78 3.81 -13.03	57.66 4.04 -5.78	56.50 3.63 0.00	59.03 2.96 0.00
ASTORIA_GT2_1 24094	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT2_2 24095	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT2_3 24096	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT2_4 24097	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT3_1 24098	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT3_2 24099	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT3_3 24100	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT3_4 24101	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT4_1 24102	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT4_2 24103	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT4_3 24104	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00

ASTORIA_GT4_4 24105	79.60 2.05 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.19 5.98 -0.03	91.35 8.64 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.08 3.00 0.00
ASTORIA_GT_1 23523	79.83 2.28 0.00	64.40 2.13 0.00	59.62 2.76 0.00	58.55 3.07 0.00	58.01 2.53 0.00	58.23 2.56 0.00	57.03 2.84 0.00	59.83 3.47 0.00	59.34 3.58 0.00	73.03 4.40 0.00	77.65 5.63 0.00	79.70 5.77 0.00	67.40 6.19 -0.03	91.63 8.92 -0.47	95.11 9.59 -0.50	93.99 7.88 -19.26	591.43 8.36 -499.15	3240.60 49.16 -2699.66	187.30 1.93 -165.40	60.62 3.34 -22.27	57.94 3.96 -13.03	57.84 4.21 -5.78	56.70 3.83 0.00	59.23 3.16 0.00
ASTORIA_GT_10 24110	79.63 2.08 0.00	64.06 1.79 0.00	59.25 2.39 0.00	58.18 2.70 0.00	57.82 2.34 0.00	58.04 2.37 0.00	56.87 2.68 0.00	59.70 3.35 0.00	59.27 3.52 0.00	72.94 4.31 0.00	77.55 5.53 0.00	79.58 5.64 0.00	67.32 6.13 0.00	91.01 8.78 0.00	94.46 9.44 0.00	93.51 7.73 -18.93	578.96 7.96 -487.07	3200.61 47.14 -2661.69	185.18 1.84 -163.36	60.27 3.14 -22.12	57.75 3.77 -13.03	57.65 4.03 -5.78	56.49 3.62 0.00	59.06 2.99 0.00
ASTORIA_GT_11 24225	79.63 2.08 0.00	64.06 1.79 0.00	59.25 2.39 0.00	58.18 2.70 0.00	57.82 2.34 0.00	58.04 2.37 0.00	56.87 2.68 0.00	59.70 3.35 0.00	59.27 3.52 0.00	72.94 4.31 0.00	77.55 5.53 0.00	79.58 5.64 0.00	67.32 6.13 0.00	91.01 8.78 0.00	94.46 9.44 0.00	93.51 7.73 -18.93	578.96 7.96 -487.07	3200.61 47.14 -2661.69	185.18 1.84 -163.36	60.27 3.14 -22.12	57.75 3.77 -13.03	57.65 4.03 -5.78	56.49 3.62 0.00	59.06 2.99 0.00
ASTORIA_GT_12 24226	79.63 2.08 0.00	64.06 1.79 0.00	59.25 2.39 0.00	58.18 2.70 0.00	57.82 2.34 0.00	58.04 2.37 0.00	56.87 2.68 0.00	59.70 3.35 0.00	59.27 3.52 0.00	72.94 4.31 0.00	77.55 5.53 0.00	79.58 5.64 0.00	67.32 6.13 0.00	91.01 8.78 0.00	94.46 9.44 0.00	93.51 7.73 -18.93	578.96 7.96 -487.07	3200.61 47.14 -2661.69	185.18 1.84 -163.36	60.27 3.14 -22.12	57.75 3.77 -13.03	57.65 4.03 -5.78	56.49 3.62 0.00	59.06 2.99 0.00
ASTORIA_GT_13 24227	79.63 2.08 0.00	64.06 1.79 0.00	59.25 2.39 0.00	58.18 2.70 0.00	57.82 2.34 0.00	58.04 2.37 0.00	56.87 2.68 0.00	59.70 3.35 0.00	59.27 3.52 0.00	72.94 4.31 0.00	77.55 5.53 0.00	79.58 5.64 0.00	67.32 6.13 0.00	91.01 8.78 0.00	94.46 9.44 0.00	93.51 7.73 -18.93	578.96 7.96 -487.07	3200.61 47.14 -2661.69	185.18 1.84 -163.36	60.27 3.14 -22.12	57.75 3.77 -13.03	57.65 4.03 -5.78	56.49 3.62 0.00	59.06 2.99 0.00
ASTORIA_GT_5 24106	79.83 2.28 0.00	64.40 2.13 0.00	59.62 2.76 0.00	58.55 3.07 0.00	58.01 2.53 0.00	58.23 2.56 0.00	57.03 2.84 0.00	59.83 3.47 0.00	59.34 3.58 0.00	73.03 4.40 0.00	77.65 5.63 0.00	79.70 5.77 0.00	67.40 6.19 -0.03	91.63 8.92 -0.47	95.11 9.59 -0.50	93.99 7.88 -19.26	591.43 8.36 -499.15	3240.60 49.16 -2699.66	187.30 1.93 -165.40	60.62 3.34 -22.27	57.94 3.96 -13.03	57.84 4.21 -5.78	56.70 3.83 0.00	59.23 3.16 0.00
ASTORIA_GT_7 24107	79.83 2.28 0.00	64.40 2.13 0.00	59.62 2.76 0.00	58.55 3.07 0.00	58.01 2.53 0.00	58.23 2.56 0.00	57.03 2.84 0.00	59.83 3.47 0.00	59.34 3.58 0.00	73.03 4.40 0.00	77.65 5.63 0.00	79.70 5.77 0.00	67.40 6.19 -0.03	91.63 8.92 -0.47	95.11 9.59 -0.50	93.99 7.88 -19.26	591.43 8.36 -499.15	3240.60 49.16 -2699.66	187.30 1.93 -165.40	60.62 3.34 -22.27	57.94 3.96 -13.03	57.84 4.21 -5.78	56.70 3.83 0.00	59.23 3.16 0.00
ASTORIA_GT_8 24108	79.83 2.28 0.00	64.40 2.13 0.00	59.62 2.76 0.00	58.55 3.07 0.00	58.01 2.53 0.00	58.23 2.56 0.00	57.03 2.84 0.00	59.83 3.47 0.00	59.34 3.58 0.00	73.03 4.40 0.00	77.65 5.63 0.00	79.70 5.77 0.00	67.40 6.19 -0.03	91.63 8.92 -0.47	95.11 9.59 -0.50	93.99 7.88 -19.26	591.43 8.36 -499.15	3240.60 49.16 -2699.66	187.30 1.93 -165.40	60.62 3.34 -22.27	57.94 3.96 -13.03	57.84 4.21 -5.78	56.70 3.83 0.00	59.23 3.16 0.00
ASTORIA___2 24149	79.59 2.05 0.00	64.21 1.95 0.00	59.48 2.62 0.00	58.41 2.93 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.69 0.00	59.67 3.31 0.00	59.17 3.42 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.20 5.99 -0.03	91.35 8.65 -0.47	94.81 9.29 -0.50	93.75 7.64 -19.26	591.06 7.98 -499.14	3238.81 47.37 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.81 3.83 -13.03	57.68 4.06 -5.78	56.54 3.67 0.00	59.07 2.99 0.00
ASTORIA___3 23516	79.59 2.05 0.00	64.21 1.95 0.00	59.48 2.62 0.00	58.41 2.93 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.69 0.00	59.67 3.31 0.00	59.17 3.42 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.20 5.99 -0.03	91.35 8.65 -0.47	94.81 9.29 -0.50	93.75 7.64 -19.26	591.06 7.98 -499.14	3238.81 47.37 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.81 3.83 -13.03	57.68 4.06 -5.78	56.54 3.67 0.00	59.07 2.99 0.00
ASTORIA___4 23517	79.59 2.04 0.00	64.22 1.95 0.00	59.48 2.63 0.00	58.42 2.94 0.00	57.87 2.39 0.00	58.09 2.42 0.00	56.88 2.70 0.00	59.67 3.31 0.00	59.17 3.41 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.18 5.97 -0.03	91.32 8.62 -0.47	94.80 9.28 -0.50	93.74 7.63 -19.26	591.11 8.03 -499.15	3238.80 47.36 -2699.66	187.23 1.86 -165.40	60.51 3.23 -22.27	57.80 3.82 -13.03	57.68 4.05 -5.78	56.53 3.66 0.00	59.06 2.99 0.00
ASTORIA___5 23518	79.60 2.07 0.00	64.05 1.79 0.00	59.25 2.39 0.00	58.18 2.70 0.00	57.82 2.34 0.00	58.04 2.37 0.00	56.87 2.68 0.00	59.70 3.34 0.00	59.27 3.51 0.00	72.93 4.30 0.00	77.54 5.53 0.00	79.58 5.64 0.00	67.32 6.13 0.00	91.01 8.78 0.00	94.47 9.46 0.00	93.51 7.73 -18.93	578.92 7.92 -487.06	3200.54 47.07 -2661.69	185.17 1.85 -163.36	60.26 3.14 -22.12	57.75 3.77 -13.03	57.65 4.03 -5.78	56.48 3.61 0.00	59.06 2.98 0.00
AST_ENERGY_2_CC3 323677	80.02 2.48 0.00	64.27 2.00 0.00	59.26 2.40 0.00	58.06 2.58 0.00	57.87 2.39 0.00	58.05 2.38 0.00	56.81 2.62 0.00	59.55 3.19 0.00	59.18 3.41 0.00	73.03 4.40 0.00	77.54 5.52 0.00	79.58 5.65 0.00	67.26 6.08 0.00	91.02 8.79 0.00	94.43 9.41 0.00	92.43 7.69 -17.89	583.61 8.38 -491.31	3202.98 49.21 -2661.99	185.26 1.92 -163.37	60.29 3.16 -22.12	57.79 3.81 -13.03	57.78 4.16 -5.78	56.54 3.67 0.00	59.13 3.05 0.00
AST_ENERGY_2_CC4 323678	80.02 2.48 0.00	64.27 2.00 0.00	59.26 2.40 0.00	58.06 2.58 0.00	57.87 2.39 0.00	58.05 2.38 0.00	56.81 2.62 0.00	59.55 3.19 0.00	59.18 3.41 0.00	73.03 4.40 0.00	77.54 5.52 0.00	79.58 5.65 0.00	67.26 6.08 0.00	91.02 8.79 0.00	94.43 9.41 0.00	92.43 7.69 -17.89	583.61 8.38 -491.31	3202.98 49.21 -2661.99	185.26 1.92 -163.37	60.29 3.16 -22.12	57.79 3.81 -13.03	57.78 4.16 -5.78	56.54 3.67 0.00	59.13 3.05 0.00

ATHENS_STG_1 23668	78.73 1.19 0.00	63.38 1.11 0.00	58.19 1.33 0.00	56.90 1.42 0.00	56.82 1.34 0.00	56.99 1.32 0.00	55.68 1.49 0.00	57.97 1.62 0.00	57.27 1.51 0.00	70.53 1.90 0.00	74.40 2.39 0.00	76.30 2.36 0.00	63.77 2.58 0.00	86.23 4.00 0.00	89.41 4.40 0.00	68.25 3.67 2.27	48.16 4.43 40.20	151.80 25.77 365.76	1.78 1.00 19.19	32.57 1.59 4.02	49.33 1.87 -6.51	52.80 2.09 -2.87	54.56 1.69 0.00	57.22 1.14 0.00
ATHENS_STG_2 23670	78.73 1.19 0.00	63.38 1.11 0.00	58.19 1.33 0.00	56.90 1.42 0.00	56.82 1.34 0.00	56.99 1.32 0.00	55.68 1.49 0.00	57.97 1.62 0.00	57.27 1.51 0.00	70.53 1.90 0.00	74.40 2.39 0.00	76.30 2.36 0.00	63.77 2.58 0.00	86.23 4.00 0.00	89.41 4.40 0.00	68.25 3.67 2.27	48.16 4.43 40.20	151.80 25.77 365.76	1.78 1.00 19.19	32.57 1.59 4.02	49.33 1.87 -6.51	52.80 2.09 -2.87	54.56 1.69 0.00	57.22 1.14 0.00
ATHENS_STG_3 23677	78.73 1.19 0.00	63.38 1.11 0.00	58.19 1.33 0.00	56.90 1.42 0.00	56.82 1.34 0.00	56.99 1.32 0.00	55.68 1.49 0.00	57.97 1.62 0.00	57.27 1.51 0.00	70.53 1.90 0.00	74.40 2.39 0.00	76.30 2.36 0.00	63.77 2.58 0.00	86.23 4.00 0.00	89.41 4.40 0.00	68.25 3.67 2.27	48.16 4.43 40.20	151.80 25.77 365.76	1.78 1.00 19.19	32.57 1.59 4.02	49.33 1.87 -6.51	52.80 2.09 -2.87	54.56 1.69 0.00	57.22 1.14 0.00
AUBURN____LFGE 323710	78.79 1.25 0.00	63.16 0.89 0.00	57.24 0.38 0.00	55.79 0.31 0.00	55.51 0.04 0.00	55.96 0.29 0.00	54.62 0.43 0.00	56.80 0.44 0.00	56.18 0.42 0.00	69.12 0.49 0.00	72.57 0.56 0.00	74.73 0.80 0.00	62.23 1.05 0.00	84.03 1.80 0.00	86.86 1.84 0.00	68.13 1.28 0.00	85.59 1.66 0.00	522.87 8.89 -22.21	21.86 0.41 -1.48	36.00 1.00 0.00	42.78 1.20 -0.63	49.11 1.26 0.00	53.95 1.08 0.00	56.76 0.69 0.00
BABYLON_RES_REC 323704	80.12 2.58 0.00	64.74 2.48 0.00	61.87 3.30 -1.71	58.64 3.17 0.00	58.37 2.89 0.00	58.50 2.84 0.00	57.00 2.81 0.00	59.77 3.42 0.00	59.27 3.51 0.00	73.00 4.37 0.00	79.54 5.19 -2.33	79.15 5.22 0.00	67.69 5.84 -0.66	90.19 8.17 0.20	105.35 9.35 -10.98	140.41 7.15 -66.40	581.76 8.14 -489.70	3111.20 47.73 -2571.70	214.41 1.99 -192.45	108.92 3.58 -70.33	85.96 4.32 -40.70	67.13 4.44 -14.85	56.91 3.46 -0.58	60.69 3.17 -1.44
BALL_HILL_WT_PWR 323825	81.01 3.46 0.00	64.10 1.83 0.00	56.74 -0.12 0.00	55.09 -0.39 0.00	54.95 -0.53 0.00	55.40 -0.27 0.00	53.79 -0.40 0.00	56.09 -0.26 0.00	56.09 0.33 0.00	70.27 1.64 0.00	73.65 1.63 0.00	76.58 2.65 0.00	63.76 2.58 0.00	86.16 3.93 0.00	88.61 3.59 0.00	68.54 1.70 0.00	85.18 1.25 0.00	528.57 6.64 -30.15	22.12 0.14 -2.01	35.57 0.57 0.00	42.09 0.79 -0.35	48.98 1.13 -0.01	54.47 1.60 0.00	56.06 -0.01 0.00
BARON_WINDS____WT_PWR 323822	79.84 2.30 0.00	63.51 1.24 0.00	56.75 -0.12 0.00	55.31 -0.17 0.00	55.18 -0.30 0.00	55.59 -0.08 0.00	54.11 -0.07 0.00	56.25 -0.10 0.00	55.53 -0.22 0.00	69.07 0.44 0.00	72.37 0.36 0.00	74.98 1.04 0.00	62.48 1.29 0.00	84.52 2.29 0.00	87.46 2.44 0.00	68.36 1.51 0.00	84.98 1.05 0.00	535.63 3.37 -40.48	22.89 0.25 -2.67	35.82 0.81 0.00	44.28 1.25 -2.08	50.27 1.42 -1.01	54.51 1.63 0.00	56.43 0.35 0.00
BARRETT_IC_1 23704	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.25 5.88 -4.18	95.61 8.16 -5.22	175.90 9.19 -81.69	260.18 7.20 -186.13	748.98 8.22 -656.83	3048.44 46.91 -2509.75	348.05 1.95 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_10 23701	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	79.14 5.28 -1.85	89.10 5.44 -9.72	67.01 5.88 0.06	61.34 8.16 29.05	86.29 9.19 7.92	80.66 7.20 -6.62	123.31 8.22 -31.17	429.27 46.91 109.42	105.10 1.95 -83.18	118.51 3.36 -80.15	81.89 4.02 -36.93	124.25 4.30 -72.11	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_11 23702	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	79.14 5.28 -1.85	89.10 5.44 -9.72	67.01 5.88 0.06	61.34 8.16 29.05	86.29 9.19 7.92	80.66 7.20 -6.62	123.31 8.22 -31.17	429.27 46.91 109.42	105.10 1.95 -83.18	118.51 3.36 -80.15	81.89 4.02 -36.93	124.25 4.30 -72.11	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_12 23703	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	79.14 5.28 -1.85	89.10 5.44 -9.72	67.01 5.88 0.06	61.34 8.16 29.05	86.29 9.19 7.92	80.66 7.20 -6.62	123.31 8.22 -31.17	429.27 46.91 109.42	105.10 1.95 -83.18	118.51 3.36 -80.15	81.89 4.02 -36.93	124.25 4.30 -72.11	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_2 23705	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.25 5.88 -4.18	95.61 8.16 -5.22	175.90 9.19 -81.69	260.18 7.20 -186.13	748.98 8.22 -656.83	3048.44 46.91 -2509.75	348.05 1.95 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_3 23706	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.25 5.88 -4.18	95.61 8.16 -5.22	175.90 9.19 -81.69	260.18 7.20 -186.13	748.98 8.22 -656.83	3048.44 46.91 -2509.75	348.05 1.95 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_4 23707	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.25 5.88 -4.18	95.61 8.16 -5.22	175.90 9.19 -81.69	260.18 7.20 -186.13	748.98 8.22 -656.83	3048.44 46.91 -2509.75	348.05 1.95 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_5 23708	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.25 5.88 -4.18	95.61 8.16 -5.22	175.90 9.19 -81.69	260.18 7.20 -186.13	748.98 8.22 -656.83	3048.44 46.91 -2509.75	348.05 1.95 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.39 3.61 -16.91	67.68 3.17 -8.43

BARRETT_IC_6 23709	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.25 5.88 -4.18	95.61 8.16 -5.22	175.90 9.19 -81.69	260.18 7.20 -186.13	748.98 8.22 -656.83	3048.44 46.91 -2509.75	348.05 1.95 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_7 23710	149.65 2.95 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.42 2.94 0.00	58.55 2.89 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.27 5.90 -4.18	95.75 8.31 -5.22	175.98 9.27 -81.69	260.26 7.28 -186.13	749.36 8.60 -656.83	3048.76 47.23 -2509.75	348.06 1.96 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.38 3.60 -16.91	67.69 3.18 -8.43
BARRETT_IC_8 23711	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.25 5.88 -4.18	95.61 8.16 -5.22	175.90 9.19 -81.69	260.18 7.20 -186.13	748.98 8.22 -656.83	3048.44 46.91 -2509.75	348.05 1.95 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT_IC_9 23700	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	79.14 5.28 -1.85	89.10 5.44 -9.72	67.01 5.88 0.06	61.34 8.16 29.05	86.29 9.19 7.92	80.66 7.20 -6.62	123.31 8.22 -31.17	429.27 46.91 109.42	105.10 1.95 -83.18	118.51 3.36 -80.15	81.89 4.02 -36.93	124.25 4.30 -72.11	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT___1 23545	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	84.98 5.28 -7.68	119.80 5.44 -40.42	71.25 5.88 -4.18	95.61 8.16 -5.22	175.90 9.19 -81.69	260.18 7.20 -186.13	748.98 8.22 -656.83	3048.44 46.91 -2509.75	348.05 1.95 -326.13	199.11 3.36 -160.75	82.67 4.02 -37.70	124.26 4.30 -72.12	73.39 3.61 -16.91	67.68 3.17 -8.43
BARRETT___2 23546	149.67 2.97 -69.15	64.95 2.63 -0.05	61.79 3.22 -1.71	58.65 3.17 0.00	58.41 2.93 0.00	58.55 2.88 0.00	56.95 2.77 0.00	59.50 3.15 0.00	58.98 3.23 0.00	72.81 4.19 0.00	79.14 5.28 -1.85	89.10 5.44 -9.72	67.01 5.88 0.06	61.34 8.16 29.05	86.29 9.19 7.92	80.66 7.20 -6.62	123.31 8.22 -31.17	429.27 46.91 109.42	105.10 1.95 -83.18	118.51 3.36 -80.15	81.89 4.02 -36.93	124.25 4.30 -72.11	73.39 3.61 -16.91	67.68 3.17 -8.43
BATAVIA__115KV_TB1 55881	81.22 3.68 0.00	64.15 1.88 0.00	56.88 0.02 0.00	55.10 -0.38 0.00	55.01 -0.47 0.00	55.43 -0.23 0.00	53.80 -0.38 0.00	55.94 -0.42 0.00	55.82 0.06 0.00	69.49 0.87 0.00	72.62 0.60 0.00	75.48 1.55 0.00	63.26 2.07 0.00	84.95 2.72 0.00	87.82 2.80 0.00	67.96 1.11 0.00	84.70 0.77 0.00	519.65 3.02 -24.86	21.71 0.09 -1.65	35.45 0.44 0.00	41.89 0.66 -0.28	49.01 1.17 0.00	54.43 1.56 0.00	56.74 0.67 0.00
BAYONEEC___CTG1 323682	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BAYONEEC___CTG10 323750	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BAYONEEC___CTG2 323683	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BAYONEEC___CTG3 323684	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BAYONEEC___CTG4 323685	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BAYONEEC___CTG5 323686	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BAYONEEC___CTG6 323687	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BAYONEEC___CTG7 323688	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00

BAYONEEC___CTG8 323689	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BAYONEEC___CTG9 323749	80.15 2.60 0.00	64.36 2.10 0.00	59.34 2.48 0.00	58.15 2.67 0.00	57.97 2.49 0.00	58.16 2.49 0.00	56.91 2.72 0.00	59.66 3.31 0.00	59.27 3.52 0.00	73.16 4.53 0.00	77.69 5.67 0.00	79.72 5.79 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	90.76 7.82 -16.09	583.72 8.48 -491.31	3203.78 50.01 -2661.99	185.29 1.94 -163.37	60.34 3.22 -22.12	57.87 3.89 -13.03	57.88 4.26 -5.78	56.65 3.78 0.00	59.24 3.16 0.00
BEACON___LESR 323632	78.84 1.30 0.00	63.31 1.05 0.00	58.06 1.20 0.00	56.78 1.30 0.00	56.79 1.31 0.00	56.79 1.12 0.00	55.46 1.27 0.00	57.65 1.30 0.00	56.93 1.17 0.00	70.04 1.41 0.00	73.78 1.77 0.00	75.51 1.57 0.00	63.04 1.86 0.00	85.25 3.02 0.00	88.70 3.68 0.00	69.91 3.30 0.23	89.08 4.23 -0.93	511.25 25.91 6.44	37.30 0.97 -16.36	36.58 1.58 0.00	80.28 1.79 -37.54	32.31 2.05 17.57	54.43 1.57 0.00	57.12 1.04 0.00
BEAVER RIVER___HYD 24048	81.72 4.18 0.00	65.14 2.87 0.00	59.34 2.48 0.00	57.84 2.36 0.00	57.66 2.18 0.00	57.36 1.69 0.00	55.45 1.26 0.00	57.86 1.51 0.00	57.39 1.63 0.00	70.53 1.90 0.00	73.60 1.58 0.00	74.78 0.85 0.00	60.64 -0.55 0.00	80.26 -1.97 0.00	82.56 -2.46 0.00	60.64 -1.93 4.27	82.59 -1.34 0.00	487.87 -3.90 0.00	20.09 0.12 0.00	35.75 0.75 0.00	49.49 1.40 -7.14	50.20 2.36 0.00	55.35 2.48 0.00	58.70 2.63 0.00
BEEBEE_GT_13 23619	80.17 2.62 0.00	63.62 1.36 0.00	56.94 0.08 0.00	55.28 -0.20 0.00	55.18 -0.30 0.00	55.53 -0.13 0.00	54.00 -0.19 0.00	56.33 -0.02 0.00	56.27 0.51 0.00	70.02 1.39 0.00	73.44 1.43 0.00	76.14 2.20 0.00	63.52 2.34 0.00	85.76 3.53 0.00	88.46 3.44 0.00	68.78 1.93 0.00	85.61 1.68 0.00	517.19 8.59 -16.82	20.69 0.25 -0.47	35.65 0.64 0.00	41.74 0.80 0.00	49.03 1.19 0.00	54.34 1.46 0.00	56.67 0.59 0.00
BENSHRST_27_KV_BENSHRST_1 355998	80.87 3.33 0.00	65.03 2.76 0.00	60.00 3.15 0.00	58.80 3.33 0.00	58.39 2.91 0.00	58.70 3.03 0.00	57.57 3.38 0.00	60.44 4.09 0.00	60.05 4.30 0.00	73.93 5.31 0.00	78.74 6.72 0.00	80.90 6.97 0.00	68.42 7.23 0.00	92.56 10.33 0.00	96.15 11.12 -0.01	100.37 9.02 -24.50	579.96 8.96 -487.07	3206.76 53.29 -2661.69	185.42 2.09 -163.36	60.72 3.60 -22.12	58.37 4.39 -13.03	58.44 4.81 -5.78	57.38 4.51 0.00	59.93 3.85 0.00
BETHLEHEM___GRP 23843	77.50 -0.05 0.00	62.35 0.08 0.00	57.22 0.36 0.00	56.01 0.53 0.00	56.03 0.55 0.00	56.00 0.34 0.00	54.64 0.45 0.00	56.84 0.48 0.00	56.08 0.32 0.00	68.95 0.32 0.00	72.64 0.62 0.00	74.29 0.36 0.00	62.04 0.86 0.00	83.72 1.49 0.00	87.03 2.01 0.00	68.71 1.99 0.13	87.17 2.33 -0.91	500.01 15.39 7.15	36.63 0.55 -16.11	35.84 0.84 0.00	78.66 0.90 -36.82	48.13 1.02 0.74	53.39 0.52 0.00	56.10 0.02 0.00
BETHLEHEM___GS1 323560	77.50 -0.04 0.00	62.35 0.08 0.00	57.22 0.36 0.00	56.01 0.53 0.00	56.03 0.55 0.00	56.01 0.34 0.00	54.64 0.45 0.00	56.84 0.48 0.00	56.08 0.33 0.00	68.95 0.32 0.00	72.64 0.62 0.00	74.30 0.37 0.00	62.05 0.86 0.00	83.74 1.51 0.00	87.03 2.01 0.00	68.69 1.97 0.13	87.24 2.39 -0.91	500.06 15.44 7.15	36.63 0.55 -16.11	35.84 0.83 0.00	78.67 0.90 -36.82	48.13 1.02 0.74	53.39 0.52 0.00	56.10 0.03 0.00
BETHLEHEM___GS2 323561	77.50 -0.04 0.00	62.35 0.08 0.00	57.22 0.36 0.00	56.01 0.53 0.00	56.03 0.55 0.00	56.01 0.34 0.00	54.64 0.45 0.00	56.84 0.48 0.00	56.08 0.33 0.00	68.95 0.32 0.00	72.64 0.62 0.00	74.30 0.37 0.00	62.05 0.86 0.00	83.74 1.51 0.00	87.03 2.01 0.00	68.69 1.97 0.13	87.24 2.39 -0.91	500.06 15.44 7.15	36.63 0.55 -16.11	35.84 0.83 0.00	78.67 0.90 -36.82	48.13 1.02 0.74	53.39 0.52 0.00	56.10 0.03 0.00
BETHLEHEM___GS3 323562	77.50 -0.04 0.00	62.35 0.08 0.00	57.22 0.36 0.00	56.01 0.53 0.00	56.03 0.55 0.00	56.01 0.34 0.00	54.64 0.45 0.00	56.84 0.48 0.00	56.08 0.33 0.00	68.95 0.32 0.00	72.64 0.62 0.00	74.30 0.37 0.00	62.05 0.86 0.00	83.74 1.51 0.00	87.03 2.01 0.00	68.69 1.97 0.13	87.24 2.39 -0.91	500.06 15.44 7.15	36.63 0.55 -16.11	35.84 0.83 0.00	78.67 0.90 -36.82	48.13 1.02 0.74	53.39 0.52 0.00	56.10 0.03 0.00
BETHLEHEM___STEEL 23779	81.08 3.54 0.00	64.07 1.80 0.00	56.74 -0.12 0.00	55.00 -0.48 0.00	54.86 -0.62 0.00	55.26 -0.40 0.00	53.61 -0.58 0.00	55.82 -0.54 0.00	55.94 0.18 0.00	70.03 1.40 0.00	73.34 1.32 0.00	76.24 2.31 0.00	63.60 2.41 0.00	85.85 3.62 0.00	88.24 3.22 0.00	68.13 1.28 0.00	84.65 0.72 0.00	525.36 4.05 -29.53	21.96 0.02 -1.97	35.30 0.29 0.00	41.70 0.41 -0.34	48.62 0.77 -0.01	54.15 1.28 0.00	56.06 -0.01 0.00
BETHLHEM_115KV_TB1 79974	77.68 0.14 0.00	62.50 0.23 0.00	57.35 0.49 0.00	56.11 0.63 0.00	56.14 0.66 0.00	56.12 0.45 0.00	54.78 0.59 0.00	56.96 0.61 0.00	56.23 0.47 0.00	69.14 0.51 0.00	72.82 0.80 0.00	74.52 0.58 0.00	62.20 1.01 0.00	83.96 1.73 0.00	87.21 2.19 0.00	68.86 2.13 0.12	87.33 2.49 -0.91	497.71 16.16 10.23	36.07 0.58 -15.51	35.91 0.91 0.00	77.11 0.99 -35.17	48.53 1.14 0.44	53.53 0.66 0.00	56.26 0.18 0.00
BETHPAGE_CC_5 323564	82.34 2.78 -2.01	64.86 2.59 0.00	61.93 3.36 -1.71	58.74 3.26 0.00	58.45 2.97 0.00	58.59 2.92 0.00	57.13 2.94 0.00	59.87 3.51 0.00	59.38 3.62 0.00	73.15 4.52 0.00	78.89 5.47 -1.40	80.52 5.73 -0.85	68.19 6.27 -0.74	90.77 8.82 0.28	105.04 9.95 -10.07	144.64 7.74 -70.05	587.96 8.89 -495.14	3122.51 51.85 -2578.88	217.82 2.13 -195.72	110.49 3.73 -71.76	83.85 4.44 -38.47	66.96 4.61 -14.51	57.38 3.71 -0.80	60.32 3.24 -1.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	81.24 3.70 0.00	64.20 1.93 0.00	56.85 -0.01 0.00	55.11 -0.37 0.00	54.97 -0.51 0.00	55.37 -0.30 0.00	53.72 -0.46 0.00	55.99 -0.37 0.00	56.11 0.35 0.00	70.25 1.63 0.00	73.61 1.59 0.00	76.55 2.62 0.00	63.87 2.68 0.00	86.25 4.02 0.00	88.66 3.64 0.00	68.47 1.62 0.00	85.08 1.15 0.00	528.56 6.84 -29.94	22.10 0.13 -1.99	35.50 0.49 0.00	41.91 0.62 -0.35	48.83 0.98 -0.01	54.34 1.47 0.00	56.24 0.16 0.00
BINGHAMTON___COGEN 23790	78.89 1.35 0.00	63.12 0.85 0.00	57.14 0.28 0.00	55.81 0.33 0.00	55.70 0.22 0.00	56.00 0.34 0.00	54.63 0.45 0.00	56.92 0.56 0.00	56.33 0.57 0.00	69.77 1.14 0.00	73.28 1.26 0.00	75.64 1.71 0.00	63.05 1.87 0.00	85.26 3.03 0.00	88.26 3.24 0.00	69.32 2.30 -0.16	89.57 2.72 -2.92	583.58 14.22 -77.58	26.20 0.59 -5.63	36.47 1.18 -0.28	45.73 1.47 -3.31	51.06 1.61 -1.61	54.36 1.48 0.00	56.78 0.71 0.00

BIXINCNT_115KV_LOAD 355685	81.40 3.85 0.00	64.37 2.10 0.00	57.10 0.24 0.00	55.43 -0.05 0.00	55.27 -0.20 0.00	55.68 0.01 0.00	54.15 -0.04 0.00	56.60 0.25 0.00	56.62 0.86 0.00	70.92 2.29 0.00	74.26 2.24 0.00	77.27 3.33 0.00	64.36 3.17 0.00	87.05 4.82 0.00	89.54 4.52 0.00	68.90 2.05 0.00	85.97 2.04 0.00	535.65 12.04 -31.83	22.45 0.36 -2.12	35.98 0.97 0.00	42.57 1.25 -0.37	49.36 1.51 -0.01	54.74 1.87 0.00	56.56 0.48 0.00
BLACK RIVER___HYD 24047	82.93 5.38 0.00	65.92 3.65 0.00	59.97 3.12 0.00	58.40 2.92 0.00	58.10 2.62 0.00	57.73 2.06 0.00	55.91 1.72 0.00	58.51 2.15 0.00	58.06 2.30 0.00	71.49 2.87 0.00	74.63 2.61 0.00	75.77 1.84 0.00	61.26 0.08 0.00	81.20 -1.03 0.00	83.34 -1.68 0.00	62.54 -1.41 2.90	83.35 -0.58 0.00	493.08 1.30 0.00	20.41 0.44 0.00	36.49 1.49 0.00	48.33 2.46 -4.92	51.33 3.48 0.00	56.34 3.47 0.00	59.43 3.35 0.00
BLACKRVR_115KV_TB2 79977	82.94 5.39 0.00	65.92 3.66 0.00	59.98 3.12 0.00	58.41 2.93 0.00	58.10 2.62 0.00	57.72 2.06 0.00	55.91 1.72 0.00	58.51 2.15 0.00	58.06 2.30 0.00	71.50 2.87 0.00	74.63 2.61 0.00	75.78 1.84 0.00	61.26 0.08 0.00	81.20 -1.03 0.00	83.34 -1.68 0.00	62.52 -1.42 2.90	83.35 -0.58 0.00	492.99 1.21 0.00	20.41 0.44 0.00	36.49 1.49 0.00	48.33 2.46 -4.92	51.32 3.48 0.00	56.34 3.46 0.00	59.43 3.36 0.00
BLDWN_LI_69_KV_BK4 356085	100.82 3.68 -19.59	65.62 3.34 -0.01	62.38 3.81 -1.71	59.18 3.70 0.00	58.93 3.45 0.00	59.08 3.41 0.00	57.56 3.38 0.00	60.26 3.91 0.00	59.82 4.06 0.00	73.79 5.16 0.00	80.16 6.11 -2.03	90.90 6.26 -10.70	69.46 6.68 -1.59	92.56 9.47 -0.87	121.30 10.57 -25.71	177.12 8.32 -101.94	631.54 9.94 -537.67	3125.08 55.93 -2577.37	251.20 2.30 -228.93	132.47 3.96 -93.51	82.59 4.69 -36.95	80.72 5.09 -27.80	61.98 4.32 -4.79	62.31 3.84 -2.39
BLISS_WT_PWR 323608	81.37 3.83 0.00	64.35 2.09 0.00	57.10 0.24 0.00	55.43 -0.05 0.00	55.27 -0.20 0.00	55.68 0.01 0.00	54.15 -0.04 0.00	56.61 0.26 0.00	56.64 0.88 0.00	70.96 2.33 0.00	74.32 2.30 0.00	77.33 3.39 0.00	64.40 3.22 0.00	87.11 4.88 0.00	89.60 4.58 0.00	68.89 2.04 0.00	86.09 2.17 0.00	536.17 12.56 -31.83	22.46 0.36 -2.12	35.99 0.99 0.00	42.57 1.26 -0.37	49.33 1.49 -0.01	54.68 1.81 0.00	56.50 0.42 0.00
BLUESTONE___WT_PWR 323821	82.72 5.17 0.00	66.05 3.79 0.00	59.82 2.96 0.00	58.47 3.00 0.00	58.35 2.87 0.00	58.75 3.08 0.00	57.37 3.18 0.00	59.79 3.44 0.00	59.13 3.37 0.00	72.82 4.19 0.00	76.59 4.57 0.00	78.95 5.01 0.00	65.81 4.62 0.00	88.98 6.75 0.00	92.23 7.21 0.00	72.48 5.45 -0.18	93.93 6.76 -3.24	620.00 39.46 -88.77	28.79 1.66 -7.15	38.40 3.08 -0.31	50.03 3.26 -5.82	54.47 3.66 -2.97	56.90 4.03 0.00	59.72 3.64 0.00
BLUE_CIRC_CHEM_DRP 24182	76.90 -0.64 0.00	61.93 -0.33 0.00	56.82 -0.04 0.00	55.56 0.08 0.00	55.58 0.10 0.00	55.65 -0.02 0.00	54.25 0.06 0.00	56.22 -0.13 0.00	55.33 -0.43 0.00	67.94 -0.69 0.00	71.42 -0.60 0.00	73.07 -0.87 0.00	60.87 -0.32 0.00	82.20 -0.03 0.00	85.34 0.33 0.00	67.26 0.52 0.12	85.61 0.81 -0.87	479.74 5.04 17.09	33.26 0.20 -13.08	35.33 0.33 0.00	69.48 0.35 -28.18	44.42 0.48 3.90	52.89 0.02 0.00	55.64 -0.43 0.00
BOC_GAS_DRP 24189	77.98 0.44 0.00	62.76 0.49 0.00	57.58 0.71 0.00	56.29 0.81 0.00	56.26 0.79 0.00	56.38 0.71 0.00	55.01 0.82 0.00	57.20 0.85 0.00	56.46 0.70 0.00	69.48 0.85 0.00	73.15 1.13 0.00	74.95 1.01 0.00	62.51 1.32 0.00	84.40 2.17 0.00	87.53 2.51 0.00	68.78 2.21 0.28	83.87 2.70 2.75	459.38 16.04 48.44	30.82 0.60 -10.24	35.61 0.95 0.35	68.06 1.09 -26.02	50.28 1.26 -1.18	53.75 0.88 0.00	56.51 0.43 0.00
BOONVILLE_115KV_TB1 79983	80.72 3.17 0.00	64.51 2.25 0.00	58.78 1.93 0.00	57.31 1.84 0.00	57.23 1.75 0.00	57.21 1.54 0.00	55.51 1.32 0.00	57.85 1.50 0.00	57.29 1.53 0.00	70.47 1.84 0.00	73.83 1.81 0.00	75.55 1.61 0.00	62.23 1.05 0.00	83.38 1.15 0.00	86.28 1.26 0.00	66.91 1.05 0.99	85.98 2.06 0.00	505.85 14.07 0.00	20.63 0.66 0.00	36.45 1.45 0.00	45.52 1.88 -2.70	50.18 2.34 0.00	55.15 2.28 0.00	58.23 2.15 0.00
BORALEX_4TH_BRANCH 23824	81.28 3.74 0.00	65.38 3.11 0.00	59.88 3.02 0.00	58.28 2.80 0.00	58.31 2.83 0.00	58.61 2.94 0.00	57.33 3.14 0.00	59.44 3.09 0.00	58.68 2.92 0.00	71.89 3.26 0.00	75.68 3.66 0.00	77.14 3.20 0.00	63.99 2.81 0.00	87.01 4.78 0.00	90.61 5.59 0.00	72.50 4.97 -0.69	101.99 5.90 -12.16	598.37 36.45 -70.14	47.47 1.42 -26.07	38.52 2.44 -1.08	92.69 2.99 -48.75	90.81 3.58 -39.39	55.87 3.00 0.00	58.38 2.31 0.00
BOWLINE___1 23526	79.51 1.96 0.00	63.82 1.55 0.00	58.66 1.80 0.00	57.38 1.90 0.00	57.18 1.70 0.00	57.36 1.69 0.00	56.10 1.92 0.00	58.73 2.37 0.00	58.32 2.56 0.00	71.96 3.33 0.00	76.30 4.29 0.00	78.52 4.58 0.00	66.18 4.99 0.00	89.57 7.33 0.00	93.08 8.06 0.00	73.69 6.66 -0.18	54.13 7.39 37.20	1134.62 43.54 -599.30	56.08 1.71 -34.39	40.78 2.80 -2.97	50.38 3.30 -6.13	56.93 3.57 -5.52	55.95 3.07 0.00	58.47 2.40 0.00
BOWLINE___2 23595	79.53 1.99 0.00	63.85 1.58 0.00	58.67 1.81 0.00	57.40 1.93 0.00	57.20 1.73 0.00	57.37 1.71 0.00	56.12 1.93 0.00	58.75 2.40 0.00	58.35 2.60 0.00	71.98 3.36 0.00	76.33 4.31 0.00	78.55 4.62 0.00	66.21 5.03 0.00	89.59 7.36 0.00	93.11 8.09 0.00	73.70 6.68 -0.17	53.82 7.40 37.50	1133.39 43.52 -598.09	56.01 1.71 -34.33	40.77 2.81 -2.97	50.39 3.32 -6.13	56.95 3.59 -5.52	55.95 3.08 0.00	58.49 2.42 0.00
BRADY___115KV_TB2 356060	79.17 1.63 0.00	63.52 1.25 0.00	58.07 1.21 0.00	56.70 1.23 0.00	56.81 1.33 0.00	57.05 1.38 0.00	55.32 1.13 0.00	57.29 0.94 0.00	56.50 0.74 0.00	68.97 0.35 0.00	71.77 -0.25 0.00	73.28 -0.66 0.00	59.65 -1.54 0.00	78.55 -3.68 0.00	80.43 -4.59 0.00	49.17 -3.39 14.29	80.20 -3.73 0.00	472.11 -19.67 0.00	19.33 -0.65 0.00	34.01 -0.99 0.00	35.82 -1.09 4.03	46.87 -0.97 0.00	52.92 0.05 0.00	57.35 1.27 0.00
BRANSCOMB___SOLAR 323811	81.68 4.13 0.00	65.52 3.25 0.00	59.90 3.04 0.00	58.37 2.89 0.00	58.37 2.89 0.00	58.68 3.01 0.00	57.34 3.15 0.00	59.45 3.10 0.00	58.54 2.79 0.00	71.79 3.17 0.00	75.54 3.52 0.00	77.02 3.09 0.00	64.09 2.91 0.00	87.11 4.88 0.00	90.76 5.74 0.00	71.70 4.78 -0.07	91.29 6.47 -0.89	587.27 40.15 -55.34	48.32 1.62 -26.73	37.79 2.79 0.00	109.46 3.47 -65.04	97.95 3.95 -46.16	56.37 3.50 0.00	58.93 2.86 0.00
BRDGHMPT_69_KV_BK1 55812	77.28 3.40 3.66	66.39 4.13 0.00	63.64 5.07 -1.71	60.52 5.04 0.00	60.38 4.90 0.00	60.63 4.96 0.00	59.21 5.02 0.00	62.28 5.92 0.00	61.62 5.86 0.00	76.19 7.56 0.00	82.34 8.63 -1.69	80.97 9.07 2.04	88.52 9.02 -18.32	110.58 12.23 -16.12	181.31 13.52 -82.78	215.44 10.10 -138.49	582.02 11.92 -486.17	3128.04 69.62 -2566.65	243.07 2.66 -220.44	161.02 5.01 -121.01	108.27 6.20 -61.13	70.86 6.24 -16.78	57.34 4.84 0.37	61.07 4.15 -0.84



BRENTWOD_69_KV_W. BRTWOOD 56703	77.93 3.48 3.09	65.67 3.40 0.00	62.81 4.24 -1.71	59.55 4.07 0.00	59.29 3.81 0.00	59.41 3.75 0.00	57.83 3.64 0.00	60.66 4.30 0.00	60.08 4.32 0.00	74.00 5.36 -0.01	95.41 6.23 -17.17	78.48 6.29 1.75	68.42 6.73 -0.51	95.07 9.51 -3.33	139.20 10.56 -43.62	139.08 7.77 -64.46	574.30 8.77 -481.60	3110.94 50.33 -2568.83	208.20 2.10 -186.13	112.65 3.82 -73.83	109.56 4.77 -63.84	94.77 5.07 -41.86	60.61 4.13 -3.61	70.44 3.90 -10.46
BRISTLHL_115KV_TB1 79998	76.63 -0.92 0.00	61.34 -0.92 0.00	55.74 -1.12 0.00	54.33 -1.15 0.00	54.28 -1.20 0.00	54.50 -1.17 0.00	53.12 -1.07 0.00	55.33 -1.02 0.00	54.77 -0.98 0.00	67.61 -1.02 0.00	70.88 -1.14 0.00	72.92 -1.02 0.00	60.68 -0.51 0.00	81.85 -0.38 0.00	84.63 -0.39 0.00	66.52 -0.33 0.00	83.49 -0.44 0.00	487.00 -4.78 0.00	19.81 -0.16 0.00	34.92 -0.09 0.00	41.46 -0.11 -0.62	47.66 -0.18 0.00	52.39 -0.48 0.00	55.19 -0.88 0.00
BROOKHAVEN___DRP 24191	76.29 2.42 3.68	64.95 2.69 0.00	62.18 3.61 -1.71	58.94 3.47 0.00	58.69 3.21 0.00	58.84 3.17 0.00	57.34 3.15 0.00	60.17 3.82 0.00	59.59 3.84 0.00	73.41 4.79 0.00	79.24 5.57 -1.65	77.75 5.86 2.04	85.15 6.35 -17.62	106.58 8.91 -15.45	174.72 10.06 -79.64	209.44 7.33 -135.27	578.02 8.21 -485.88	3105.46 47.15 -2566.53	240.88 1.89 -219.01	157.55 3.77 -118.77	106.15 4.72 -60.49	69.14 4.84 -16.46	56.23 3.75 0.39	60.16 3.28 -0.81
BROOKLYN_NAVY_YARD 23515	80.19 2.65 0.00	64.43 2.17 0.00	59.41 2.55 0.00	58.23 2.75 0.00	58.02 2.54 0.00	58.18 2.51 0.00	56.98 2.79 0.00	59.75 3.39 0.00	59.36 3.60 0.00	73.22 4.60 0.00	77.73 5.71 0.00	79.78 5.84 0.00	67.48 6.26 -0.04	91.99 9.06 -0.70	95.44 9.67 -0.74	94.70 7.93 -19.93	595.57 8.63 -503.01	3260.67 50.68 -2718.21	188.34 1.97 -166.40	60.63 3.28 -22.35	57.94 3.96 -13.03	57.95 4.33 -5.78	56.76 3.89 0.00	59.32 3.25 0.00
BROOKLYN___ARMY_DRP 323595	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	93.56 8.22 -18.49	578.96 7.96 -487.07	3200.96 47.49 -2661.69	185.18 1.85 -163.36	60.32 3.20 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
BROOME_2_LFGE 323671	78.89 1.34 0.00	63.12 0.86 0.00	57.14 0.28 0.00	55.81 0.33 0.00	55.70 0.22 0.00	56.01 0.34 0.00	54.63 0.45 0.00	56.92 0.57 0.00	56.33 0.57 0.00	69.76 1.14 0.00	73.28 1.26 0.00	75.64 1.71 0.00	63.04 1.86 0.00	85.26 3.03 0.00	88.26 3.24 0.00	69.33 2.32 -0.16	89.56 2.71 -2.92	583.56 14.21 -77.58	26.20 0.59 -5.63	36.46 1.18 -0.28	45.72 1.47 -3.31	51.06 1.61 -1.61	54.35 1.48 0.00	56.79 0.71 0.00
BROOME___LFGE 323600	78.89 1.34 0.00	63.12 0.86 0.00	57.14 0.28 0.00	55.81 0.33 0.00	55.70 0.22 0.00	56.01 0.34 0.00	54.63 0.45 0.00	56.92 0.57 0.00	56.33 0.57 0.00	69.76 1.14 0.00	73.28 1.26 0.00	75.64 1.71 0.00	63.04 1.86 0.00	85.26 3.03 0.00	88.26 3.24 0.00	69.33 2.32 -0.16	89.56 2.71 -2.92	583.56 14.21 -77.58	26.20 0.59 -5.63	36.46 1.18 -0.28	45.72 1.47 -3.31	51.06 1.61 -1.61	54.35 1.48 0.00	56.79 0.71 0.00
BROWNFLS_115KV_TB_3_5 80003	80.07 2.53 0.00	63.98 1.72 0.00	58.39 1.53 0.00	56.96 1.48 0.00	56.88 1.40 0.00	56.81 1.14 0.00	54.96 0.77 0.00	57.15 0.79 0.00	56.47 0.71 0.00	69.21 0.58 0.00	72.14 0.13 0.00	73.44 -0.49 0.00	59.60 -1.58 0.00	78.61 -3.62 0.00	80.70 -4.32 0.00	55.25 -3.35 8.25	80.59 -3.33 0.00	475.54 -16.24 0.00	19.53 -0.45 0.00	34.57 -0.44 0.00	53.69 -0.15 -12.90	48.29 0.45 0.00	53.87 1.00 0.00	57.75 1.67 0.00
BROWNSV1_27_KV_LOAD 356125	81.49 3.95 0.00	65.42 3.16 0.00	60.26 3.40 0.00	59.02 3.54 0.00	58.82 3.34 0.00	59.01 3.35 0.00	57.77 3.59 0.00	60.57 4.22 0.00	60.21 4.45 0.00	74.34 5.71 0.00	78.97 6.95 0.00	81.07 7.13 0.00	68.52 7.33 0.00	92.72 10.49 0.00	96.23 11.21 0.00	93.84 9.11 -17.89	585.45 10.21 -491.31	3213.47 59.70 -2661.99	185.67 2.32 -163.37	60.98 3.85 -22.12	58.62 4.64 -13.03	58.75 5.12 -5.78	57.60 4.72 0.00	60.20 4.12 0.00
BURROWS___LYONSDAL 23803	80.95 3.41 0.00	64.66 2.40 0.00	58.91 2.05 0.00	57.44 1.97 0.00	57.33 1.85 0.00	57.19 1.53 0.00	55.43 1.24 0.00	57.79 1.44 0.00	57.28 1.52 0.00	70.45 1.83 0.00	73.73 1.72 0.00	75.32 1.39 0.00	61.84 0.66 0.00	82.61 0.38 0.00	85.38 0.36 0.00	65.54 0.33 1.63	85.23 1.30 0.00	502.06 10.28 0.00	20.53 0.55 0.00	36.33 1.32 0.00	46.32 1.81 -3.57	50.19 2.35 0.00	55.18 2.30 0.00	58.31 2.24 0.00
CAITHNESS_CC_1 323624	76.20 2.34 3.69	64.85 2.59 0.00	62.11 3.54 -1.71	58.89 3.41 0.00	58.62 3.14 0.00	58.76 3.10 0.00	57.24 3.05 0.00	60.06 3.70 0.00	59.50 3.74 0.00	73.27 4.64 0.00	79.02 5.40 -1.60	77.53 5.65 2.05	84.24 6.15 -16.91	105.50 8.50 -14.77	171.22 9.70 -76.49	205.93 7.03 -132.05	577.10 7.58 -485.60	3103.48 45.30 -2566.40	239.40 1.84 -217.59	155.21 3.67 -116.53	105.36 4.56 -59.85	68.67 4.69 -16.14	56.11 3.65 0.40	60.03 3.18 -0.78
CALPINE BETH_PAGE_GT4 24209	84.80 2.76 -4.50	64.85 2.58 -0.01	61.87 3.31 -1.71	58.68 3.20 0.00	58.40 2.92 0.00	58.54 2.87 0.00	57.07 2.88 0.00	59.81 3.45 0.00	59.33 3.57 0.00	73.11 4.48 0.00	78.74 5.44 -1.28	81.75 5.71 -2.10	68.31 6.28 -0.85	91.02 8.93 0.13	106.68 10.02 -11.65	149.94 7.82 -75.27	595.30 9.26 -502.11	3131.62 52.22 -2587.63	222.52 2.14 -200.41	113.18 3.72 -74.45	83.36 4.41 -38.00	68.48 4.60 -16.04	57.88 3.69 -1.32	60.40 3.22 -1.10
CALPINE_BETH_PAGE_GT_4 323586	84.82 2.78 -4.50	64.84 2.58 -0.01	61.88 3.31 -1.71	58.69 3.21 0.00	58.39 2.92 0.00	58.53 2.87 0.00	57.06 2.87 0.00	59.80 3.45 0.00	59.33 3.57 0.00	73.12 4.49 0.00	78.74 5.43 -1.28	81.75 5.71 -2.10	68.29 6.25 -0.85	90.90 8.80 0.13	106.59 9.92 -11.65	149.88 7.77 -75.27	595.00 8.96 -502.11	3131.42 52.02 -2587.63	222.52 2.13 -200.41	113.19 3.73 -74.45	83.36 4.42 -38.00	68.48 4.60 -16.04	57.89 3.70 -1.32	60.40 3.22 -1.10
CALPINE_BP_GT1 23823	84.82 2.78 -4.50	64.84 2.58 -0.01	61.88 3.31 -1.71	58.69 3.21 0.00	58.39 2.92 0.00	58.53 2.87 0.00	57.06 2.87 0.00	59.80 3.45 0.00	59.33 3.57 0.00	73.12 4.49 0.00	78.74 5.43 -1.28	81.75 5.71 -2.10	68.29 6.25 -0.85	90.90 8.80 0.13	106.59 9.92 -11.65	149.88 7.77 -75.27	595.00 8.96 -502.11	3131.42 52.02 -2587.63	222.52 2.13 -200.41	113.19 3.73 -74.45	83.36 4.42 -38.00	68.48 4.60 -16.04	57.89 3.70 -1.32	60.40 3.22 -1.10
CALSPAN___DRP 24200	81.08 3.54 0.00	64.07 1.80 0.00	56.74 -0.12 0.00	55.00 -0.48 0.00	54.86 -0.62 0.00	55.26 -0.40 0.00	53.61 -0.58 0.00	55.82 -0.54 0.00	55.94 0.18 0.00	70.03 1.40 0.00	73.34 1.32 0.00	76.24 2.31 0.00	63.60 2.41 0.00	85.85 3.62 0.00	88.24 3.22 0.00	68.13 1.28 0.00	84.65 0.72 0.00	525.36 4.05 -29.53	21.96 0.02 -1.97	35.30 0.29 0.00	41.70 0.41 -0.34	48.62 0.77 -0.01	54.15 1.28 0.00	56.06 -0.01 0.00

CALVERTON___SOLAR 323806	76.49 2.62 3.67	65.13 2.86 0.00	62.35 3.79 -1.71	59.12 3.64 0.00	58.85 3.38 0.00	59.01 3.35 0.00	57.52 3.33 0.00	60.38 4.02 0.00	59.79 4.04 0.00	73.71 5.08 0.00	79.58 5.90 -1.66	78.09 6.19 2.04	85.70 6.64 -17.88	107.08 9.15 -15.70	176.25 10.41 -80.81	210.94 7.61 -136.48	578.26 8.34 -485.99	3107.94 49.60 -2566.57	241.49 1.96 -219.55	158.58 3.96 -119.61	106.62 4.95 -60.72	69.49 5.07 -16.57	56.43 3.95 0.38	60.33 3.43 -0.82
CANDIGU_WT_PWR 323617	79.84 2.30 0.00	63.51 1.24 0.00	56.75 -0.12 0.00	55.31 -0.17 0.00	55.18 -0.30 0.00	55.59 -0.08 0.00	54.11 -0.07 0.00	56.25 -0.10 0.00	55.53 -0.22 0.00	69.07 0.44 0.00	72.37 0.36 0.00	74.98 1.04 0.00	62.48 1.29 0.00	84.52 2.29 0.00	87.46 2.44 0.00	68.36 1.51 0.00	84.98 1.05 0.00	535.63 3.37 -40.48	22.89 0.25 -2.67	35.82 0.81 0.00	44.28 1.25 -2.08	50.27 1.42 -1.01	54.51 1.63 0.00	56.43 0.35 0.00
CARR STREET_E_SYR 24060	76.99 -0.55 0.00	61.62 -0.65 0.00	55.93 -0.93 0.00	54.52 -0.96 0.00	54.44 -1.04 0.00	54.70 -0.96 0.00	53.32 -0.86 0.00	55.54 -0.81 0.00	54.99 -0.77 0.00	67.95 -0.67 0.00	71.28 -0.74 0.00	73.48 -0.45 0.00	61.15 -0.04 0.00	82.60 0.37 0.00	85.47 0.45 0.00	67.16 0.31 0.00	84.29 0.36 0.00	491.46 -0.31 0.00	19.98 0.01 0.00	35.15 0.15 0.00	41.62 0.15 -0.52	47.95 0.11 0.00	52.71 -0.16 0.00	55.44 -0.64 0.00
CARTHAGE___PAPER 23857	82.80 5.26 0.00	65.91 3.64 0.00	60.03 3.17 0.00	58.49 3.01 0.00	58.26 2.78 0.00	57.91 2.25 0.00	56.04 1.85 0.00	58.54 2.18 0.00	58.01 2.25 0.00	71.29 2.66 0.00	74.36 2.34 0.00	75.29 1.36 0.00	60.40 -0.78 0.00	79.64 -2.59 0.00	81.81 -3.21 0.00	60.87 -2.54 3.43	81.93 -2.00 0.00	485.06 -6.71 0.00	20.05 0.08 0.00	35.77 0.76 0.00	48.36 1.63 -5.78	51.03 3.19 0.00	56.19 3.32 0.00	59.50 3.42 0.00
CASSADAGA_WT_PWR 323784	82.82 5.28 0.00	65.51 3.24 0.00	57.92 1.07 0.00	56.20 0.72 0.00	56.10 0.62 0.00	56.62 0.95 0.00	55.10 0.91 0.00	57.63 1.27 0.00	57.65 1.89 0.00	72.34 3.71 0.00	75.88 3.86 0.00	78.99 5.05 0.00	65.26 4.08 0.00	88.26 6.03 0.00	90.71 5.69 0.00	70.31 3.46 0.00	87.42 3.49 0.00	543.29 20.13 -31.39	22.76 0.70 -2.09	36.63 1.62 0.00	43.35 2.05 -0.36	50.24 2.39 -0.01	55.98 3.11 0.00	56.87 0.80 0.00
CE_DUNWOOD___DRP 24194	80.21 2.67 0.00	64.44 2.18 0.00	59.31 2.45 0.00	58.03 2.55 0.00	57.85 2.37 0.00	58.02 2.36 0.00	56.76 2.57 0.00	59.42 3.07 0.00	59.01 3.25 0.00	72.80 4.17 0.00	77.22 5.21 0.00	79.35 5.41 0.00	66.91 5.72 0.00	90.57 8.34 0.00	94.09 9.06 0.00	92.25 7.43 -17.97	586.35 8.32 -494.10	3215.98 48.49 -2675.72	185.93 1.90 -164.05	60.36 3.15 -22.21	57.75 3.74 -13.06	57.70 4.08 -5.77	56.46 3.59 0.00	59.02 2.94 0.00
CE_MILLWOOD___DRP 24193	80.03 2.49 0.00	64.30 2.04 0.00	59.15 2.29 0.00	57.86 2.38 0.00	57.68 2.20 0.00	57.86 2.19 0.00	56.60 2.41 0.00	59.24 2.88 0.00	58.81 3.05 0.00	72.54 3.91 0.00	76.94 4.92 0.00	79.06 5.12 0.00	66.65 5.46 0.00	90.23 8.00 0.00	93.72 8.70 0.00	91.23 7.16 -17.22	563.92 7.99 -472.00	3149.60 46.75 -2611.07	180.45 1.83 -158.65	59.42 3.03 -21.39	57.32 3.61 -12.76	57.52 3.93 -5.75	56.30 3.43 0.00	58.86 2.78 0.00
CE_NYC2_DRP 24202	79.69 2.14 0.00	64.11 1.85 0.00	59.30 2.44 0.00	58.23 2.75 0.00	57.87 2.40 0.00	58.10 2.43 0.00	56.93 2.74 0.00	59.77 3.41 0.00	59.36 3.60 0.00	73.01 4.38 0.00	77.62 5.60 0.00	79.65 5.71 0.00	67.37 6.19 0.00	91.09 8.86 0.00	94.55 9.53 0.00	93.60 7.79 -18.95	579.03 8.03 -487.07	3201.05 47.58 -2661.69	185.18 1.85 -163.36	60.28 3.16 -22.12	57.77 3.79 -13.03	57.68 4.05 -5.78	56.52 3.66 0.00	59.12 3.04 0.00
CE_NYC_DRP 24195	80.36 2.82 0.00	64.55 2.28 0.00	59.51 2.65 0.00	58.30 2.82 0.00	58.11 2.64 0.00	58.29 2.63 0.00	57.08 2.89 0.00	59.84 3.48 0.00	59.46 3.71 0.00	73.42 4.79 0.00	77.97 5.95 0.00	80.01 6.07 0.00	67.62 6.43 0.00	91.50 9.27 0.00	94.93 9.92 0.00	92.82 8.09 -17.89	584.14 8.89 -491.33	3205.85 52.02 -2662.06	185.37 2.02 -163.38	60.47 3.34 -22.12	58.02 4.03 -13.03	58.03 4.41 -5.78	56.82 3.95 0.00	59.43 3.35 0.00
CHAFFEE___LFGE 323603	81.30 3.75 0.00	64.27 2.00 0.00	56.93 0.07 0.00	55.20 -0.28 0.00	55.06 -0.42 0.00	55.47 -0.19 0.00	53.83 -0.36 0.00	56.10 -0.26 0.00	56.19 0.43 0.00	70.34 1.71 0.00	73.69 1.67 0.00	76.63 2.69 0.00	63.93 2.74 0.00	86.35 4.12 0.00	88.75 3.73 0.00	68.56 1.71 0.00	85.29 1.36 0.00	530.39 7.94 -30.68	22.18 0.17 -2.04	35.57 0.57 0.00	42.01 0.71 -0.36	48.93 1.09 -0.01	54.42 1.55 0.00	56.34 0.26 0.00
CHATEAUG_35_KV_LOAD 355732	77.68 0.14 0.00	62.36 0.09 0.00	57.02 0.16 0.00	55.77 0.29 0.00	55.84 0.35 0.00	55.92 0.26 0.00	54.28 0.09 0.00	56.32 -0.04 0.00	55.67 -0.09 0.00	68.37 -0.26 0.00	71.32 -0.70 0.00	73.06 -0.88 0.00	59.61 -1.58 0.00	79.29 -2.95 0.00	81.20 -3.82 0.00	48.08 -3.29 15.47	80.26 -3.67 0.00	473.47 -18.31 0.00	19.28 -0.69 0.00	33.78 -1.22 0.00	37.25 -1.39 2.31	46.32 -1.52 0.00	52.00 -0.88 0.00	56.27 0.19 0.00
CHATEAUG_WT_PWR 323614	77.50 -0.04 0.00	62.23 -0.04 0.00	56.91 0.05 0.00	55.67 0.19 0.00	55.74 0.26 0.00	55.83 0.17 0.00	54.21 0.01 0.00	56.28 -0.07 0.00	55.68 -0.08 0.00	68.36 -0.27 0.00	71.38 -0.64 0.00	73.11 -0.83 0.00	59.71 -1.48 0.00	79.51 -2.72 0.00	81.45 -3.57 0.00	47.92 -3.13 15.79	80.35 -3.58 0.00	474.23 -17.54 0.00	19.29 -0.68 0.00	33.78 -1.23 0.00	37.68 -1.41 1.85	46.25 -1.59 0.00	51.87 -1.00 0.00	56.12 0.05 0.00
CHAT_HIGH_FALL_HYD 323578	77.68 0.14 0.00	62.36 0.09 0.00	57.02 0.16 0.00	55.77 0.29 0.00	55.84 0.35 0.00	55.92 0.26 0.00	54.28 0.09 0.00	56.32 -0.04 0.00	55.67 -0.09 0.00	68.37 -0.26 0.00	71.32 -0.70 0.00	73.06 -0.88 0.00	59.61 -1.58 0.00	79.29 -2.95 0.00	81.20 -3.82 0.00	48.08 -3.29 15.47	80.26 -3.67 0.00	473.47 -18.31 0.00	19.28 -0.69 0.00	33.78 -1.22 0.00	37.25 -1.39 2.31	46.32 -1.52 0.00	52.00 -0.88 0.00	56.27 0.19 0.00
CHAUTAUQUA___LFGE 323629	81.78 4.24 0.00	64.74 2.48 0.00	57.24 0.38 0.00	55.60 0.12 0.00	55.46 -0.01 0.00	55.96 0.30 0.00	54.40 0.21 0.00	56.79 0.44 0.00	56.75 0.99 0.00	71.15 2.52 0.00	74.64 2.62 0.00	77.62 3.69 0.00	64.49 3.31 0.00	87.20 4.97 0.00	89.76 4.74 0.00	69.47 2.63 0.00	86.37 2.44 0.00	535.59 13.14 -30.67	22.44 0.43 -2.04	36.12 1.12 0.00	42.80 1.50 -0.36	49.69 1.84 -0.01	55.26 2.39 0.00	56.48 0.41 0.00
CHERRYST_13_KV_LD 356241	80.71 3.16 0.00	64.80 2.54 0.00	59.74 2.88 0.00	58.52 3.04 0.00	58.34 2.86 0.00	58.55 2.89 0.00	57.32 3.13 0.00	60.11 3.76 0.00	59.78 4.02 0.00	73.80 5.17 0.00	78.39 6.37 0.00	80.45 6.51 0.00	68.00 6.82 0.00	92.01 9.78 0.00	95.46 10.44 0.00	93.24 8.50 -17.89	584.64 9.40 -491.32	3208.80 54.97 -2662.05	185.48 2.13 -163.38	60.64 3.51 -22.12	58.21 4.23 -13.03	58.26 4.64 -5.78	57.05 4.18 0.00	59.66 3.59 0.00

CHESTROR_138KV_BK263 355645	79.69 2.15 0.00	63.96 1.70 0.00	58.69 1.83 0.00	57.39 1.91 0.00	57.22 1.74 0.00	57.39 1.72 0.00	56.11 1.92 0.00	58.66 2.30 0.00	58.20 2.44 0.00	71.77 3.15 0.00	75.99 3.98 0.00	78.17 4.23 0.00	65.73 4.55 0.00	88.96 6.74 0.00	92.45 7.43 0.00	75.37 6.13 -2.39	145.46 6.93 -54.59	1463.84 40.44 -931.62	71.19 1.59 -49.62	42.79 2.65 -5.14	50.83 3.11 -6.77	56.37 3.39 -5.15	55.81 2.94 0.00	58.39 2.31 0.00
CH_MIDHUDSON___DRP 24192	80.28 2.74 0.00	64.48 2.21 0.00	59.20 2.34 0.00	57.87 2.39 0.00	57.70 2.22 0.00	57.89 2.22 0.00	56.66 2.47 0.00	59.22 2.86 0.00	58.71 2.96 0.00	72.41 3.78 0.00	76.69 4.68 0.00	78.81 4.88 0.00	66.26 5.07 0.00	89.76 7.53 0.00	93.28 8.26 0.00	77.94 6.86 -4.23	170.48 7.94 -78.61	932.84 45.60 -395.47	67.91 1.79 -46.15	45.46 2.99 -7.47	52.73 3.50 -8.28	57.38 3.87 -5.67	56.27 3.40 0.00	58.81 2.73 0.00
CH_MISC_IPPS 23765	80.68 3.14 0.00	64.78 2.51 0.00	59.42 2.56 0.00	58.06 2.58 0.00	57.88 2.40 0.00	58.08 2.41 0.00	56.84 2.64 0.00	59.45 3.10 0.00	58.99 3.23 0.00	72.79 4.17 0.00	77.15 5.13 0.00	79.38 5.44 0.00	66.76 5.58 0.00	90.38 8.15 0.00	93.98 8.95 0.00	78.36 7.41 -4.11	168.88 8.52 -76.43	1018.03 48.67 -477.58	69.38 1.92 -47.49	45.47 3.21 -7.26	52.85 3.80 -8.10	57.59 4.28 -5.47	56.78 3.91 0.00	59.29 3.21 0.00
CH_RES_BVR_FALLS 23983	77.08 -0.46 0.00	62.12 -0.15 0.00	56.77 -0.09 0.00	55.42 -0.06 0.00	55.45 -0.03 0.00	55.48 -0.19 0.00	53.86 -0.33 0.00	56.04 -0.31 0.00	55.55 -0.20 0.00	68.37 -0.26 0.00	71.51 -0.51 0.00	73.16 -0.78 0.00	60.11 -1.07 0.00	80.29 -1.94 0.00	82.77 -2.25 0.00	40.65 -1.74 24.46	81.97 -1.96 0.00	481.55 -10.22 0.00	19.58 -0.40 0.00	34.30 -0.70 0.00	39.49 -0.83 0.62	46.90 -0.94 0.00	52.09 -0.78 0.00	55.66 -0.42 0.00
CH_RES_NIAGARA 23895	78.44 0.90 0.00	62.25 -0.02 0.00	55.09 -1.77 0.00	53.38 -2.10 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.81 0.00	70.93 -1.09 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.02 0.00	84.03 -0.99 0.00	64.74 -2.11 0.00	80.30 -3.63 0.00	496.65 -22.10 -26.98	20.69 -1.08 -1.79	33.32 -1.69 0.00	39.33 -1.93 -0.31	46.26 -1.59 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
CH_RES_SYRACUSE 23985	77.31 -0.24 0.00	61.90 -0.37 0.00	56.18 -0.68 0.00	54.77 -0.71 0.00	54.68 -0.80 0.00	54.96 -0.70 0.00	53.60 -0.59 0.00	55.81 -0.54 0.00	55.22 -0.53 0.00	68.12 -0.51 0.00	71.46 -0.56 0.00	73.62 -0.31 0.00	61.21 0.03 0.00	82.66 0.44 0.00	85.59 0.57 0.00	67.30 0.45 0.00	84.48 0.55 0.00	506.76 1.11 -13.87	20.44 0.09 -0.38	35.33 0.33 0.00	41.75 0.35 -0.46	48.15 0.31 0.00	52.94 0.07 0.00	55.73 -0.35 0.00
CLINTON_WT_PWR 323605	77.50 -0.04 0.00	62.23 -0.04 0.00	56.91 0.05 0.00	55.67 0.19 0.00	55.74 0.26 0.00	55.83 0.17 0.00	54.21 0.01 0.00	56.28 -0.07 0.00	55.68 -0.08 0.00	68.36 -0.27 0.00	71.38 -0.64 0.00	73.11 -0.83 0.00	59.71 -1.48 0.00	79.51 -2.72 0.00	81.45 -3.57 0.00	47.92 -3.13 15.79	80.35 -3.58 0.00	474.23 -17.54 0.00	19.29 -0.68 0.00	33.78 -1.23 0.00	37.68 -1.41 1.85	46.25 -1.59 0.00	51.87 -1.00 0.00	56.12 0.05 0.00
CLINTON___LFGE 323618	78.41 0.86 0.00	62.86 0.59 0.00	57.43 0.57 0.00	56.26 0.78 0.00	56.30 0.82 0.00	56.37 0.71 0.00	54.76 0.57 0.00	56.83 0.47 0.00	56.16 0.40 0.00	68.96 0.33 0.00	71.95 -0.07 0.00	73.65 -0.29 0.00	60.12 -1.07 0.00	80.31 -1.92 0.00	82.23 -2.79 0.00	48.43 -2.71 15.71	80.98 -2.95 0.00	479.47 -12.30 0.00	19.50 -0.48 0.00	34.19 -0.82 0.00	38.06 -0.92 1.97	46.83 -1.01 0.00	52.49 -0.38 0.00	56.78 0.70 0.00
COBBLENY_34_KV_TB1 80064	81.32 3.77 0.00	64.27 2.01 0.00	56.93 0.07 0.00	55.20 -0.28 0.00	55.06 -0.42 0.00	55.47 -0.19 0.00	53.83 -0.35 0.00	56.09 -0.26 0.00	56.19 0.43 0.00	70.34 1.71 0.00	73.67 1.65 0.00	76.63 2.69 0.00	63.93 2.74 0.00	86.33 4.10 0.00	88.75 3.73 0.00	68.53 1.69 0.00	85.16 1.23 0.00	529.87 7.41 -30.68	22.18 0.16 -2.04	35.56 0.56 0.00	42.01 0.71 -0.36	48.92 1.08 -0.01	54.43 1.55 0.00	56.34 0.26 0.00
COFFEEN___115KV_TB3 355620	83.57 6.03 0.00	66.40 4.14 0.00	60.38 3.52 0.00	58.79 3.31 0.00	58.49 3.01 0.00	58.13 2.47 0.00	56.37 2.18 0.00	58.95 2.59 0.00	58.50 2.75 0.00	72.03 3.40 0.00	75.17 3.15 0.00	76.34 2.40 0.00	61.67 0.48 0.00	81.70 -0.53 0.00	83.77 -1.25 0.00	62.99 -1.05 2.81	83.69 -0.24 0.00	495.70 3.92 0.00	20.55 0.58 0.00	36.81 1.81 0.00	48.66 2.94 -4.77	51.88 4.04 0.00	56.89 4.02 0.00	59.92 3.84 0.00
COLDSPRG_115KV_BK1 355956	82.63 5.08 0.00	65.34 3.07 0.00	57.89 1.03 0.00	56.23 0.75 0.00	56.10 0.62 0.00	56.60 0.93 0.00	55.16 0.97 0.00	57.79 1.43 0.00	57.77 2.01 0.00	72.45 3.83 0.00	75.92 3.90 0.00	79.03 5.10 0.00	65.21 4.02 0.00	88.25 6.02 0.00	90.84 5.82 0.00	70.40 3.55 0.00	87.50 3.57 0.00	545.12 20.83 -32.51	22.88 0.74 -2.17	36.70 1.70 0.00	43.45 2.13 -0.38	50.32 2.48 -0.01	56.21 3.34 0.00	57.52 1.44 0.00
COLONIE_LFGE___ 323577	80.17 2.63 0.00	64.43 2.16 0.00	59.00 2.14 0.00	57.51 2.04 0.00	57.54 2.06 0.00	57.74 2.08 0.00	56.42 2.23 0.00	58.61 2.25 0.00	57.84 2.08 0.00	71.02 2.40 0.00	74.80 2.78 0.00	76.40 2.46 0.00	63.60 2.41 0.00	86.23 4.00 0.00	89.65 4.63 0.00	71.17 3.99 -0.33	94.28 5.02 -5.32	582.18 31.00 -59.41	47.09 1.21 -25.91	37.46 2.03 -0.43	100.33 2.44 -56.94	96.78 2.84 -46.11	55.26 2.39 0.00	57.88 1.80 0.00
COOPERNY_115KV_TB1 80082	79.13 1.58 0.00	63.51 1.24 0.00	58.19 1.33 0.00	56.88 1.40 0.00	56.75 1.27 0.00	56.94 1.27 0.00	55.61 1.42 0.00	58.04 1.69 0.00	57.52 1.76 0.00	70.95 2.32 0.00	74.98 2.96 0.00	77.13 3.20 0.00	64.64 3.46 0.00	87.36 5.14 0.00	90.62 5.60 0.00	73.35 4.60 -1.90	113.91 5.26 -24.72	1139.02 30.51 -616.73	57.95 1.20 -36.78	40.74 1.99 -3.75	49.09 2.35 -5.79	54.25 2.57 -3.84	55.08 2.21 0.00	57.77 1.69 0.00
COPENHAGEN_WT_PWR 323753	82.27 4.72 0.00	65.45 3.19 0.00	59.57 2.71 0.00	58.02 2.53 0.00	57.64 2.16 0.00	57.13 1.46 0.00	55.30 1.11 0.00	58.00 1.65 0.00	57.63 1.87 0.00	71.02 2.39 0.00	74.19 2.17 0.00	75.38 1.45 0.00	60.98 -0.21 0.00	80.89 -1.34 0.00	83.05 -1.97 0.00	62.48 -1.72 2.64	83.04 -0.89 0.00	491.16 -0.62 0.00	20.32 0.34 0.00	36.31 1.30 0.00	47.58 2.14 -4.50	50.78 2.94 0.00	55.75 2.87 0.00	58.86 2.78 0.00
CORNELL_____ 23752	80.15 2.61 0.00	64.08 1.82 0.00	58.00 1.14 0.00	56.57 1.09 0.00	56.44 0.96 0.00	56.77 1.10 0.00	55.39 1.21 0.00	57.63 1.27 0.00	56.85 1.09 0.00	69.93 1.30 0.00	73.26 1.24 0.00	75.44 1.51 0.00	62.85 1.67 0.00	84.95 2.72 0.00	88.07 3.05 0.00	69.11 2.26 0.00	86.82 2.89 0.00	550.65 17.47 -41.40	23.57 0.81 -2.79	36.79 1.78 0.00	45.40 2.16 -2.30	51.33 2.36 -1.13	55.13 2.26 0.00	57.70 1.63 0.00

CORONA_69_KV_TB1 355595	122.68 3.90 -41.24	65.64 3.35 -0.03	62.32 3.76 -1.71	59.21 3.73 0.00	58.98 3.51 0.00	59.14 3.47 0.00	57.62 3.43 0.00	60.32 3.97 0.00	59.77 4.01 0.00	73.81 5.18 0.00	82.98 6.35 -4.61	104.84 6.65 -24.25	70.97 7.00 -2.79	95.19 9.86 -3.09	147.33 10.82 -51.49	227.88 8.58 -152.45	697.50 10.20 -603.38	3331.25 57.39 -2782.09	306.59 2.35 -284.27	164.27 3.99 -125.28	82.96 4.72 -37.29	100.04 5.04 -47.16	67.30 4.35 -10.08	64.98 3.87 -5.03
CORTLAND_115KV_TB3 80093	79.04 1.50 0.00	63.23 0.97 0.00	57.35 0.49 0.00	55.96 0.48 0.00	55.87 0.39 0.00	56.16 0.49 0.00	54.78 0.59 0.00	57.03 0.68 0.00	56.33 0.57 0.00	69.46 0.84 0.00	72.86 0.84 0.00	75.09 1.15 0.00	62.53 1.34 0.00	84.47 2.24 0.00	87.51 2.49 0.00	68.74 1.89 0.00	86.31 2.38 0.00	537.15 13.12 -32.25	22.72 0.59 -2.16	36.27 1.26 0.00	43.28 1.52 -0.81	49.51 1.66 -0.01	54.36 1.49 0.00	56.98 0.91 0.00
COXSACKIE___GT 23611	81.70 4.15 0.00	65.47 3.21 0.00	59.86 3.00 0.00	58.44 2.96 0.00	58.41 2.93 0.00	58.52 2.85 0.00	57.07 2.88 0.00	59.23 2.87 0.00	58.10 2.34 0.00	70.73 2.10 0.00	74.06 2.04 0.00	75.70 1.77 0.00	63.13 1.95 0.00	85.48 3.25 0.00	89.14 4.12 0.00	71.41 3.83 -0.73	106.30 6.00 -16.37	610.16 29.64 -88.74	42.30 1.08 -21.24	39.51 2.99 -1.51	71.28 3.55 -26.78	46.03 4.21 6.02	56.52 3.65 0.00	59.06 2.98 0.00
CPV_VALLEY___CC1 323721	79.02 1.47 0.00	63.45 1.19 0.00	58.23 1.37 0.00	56.94 1.45 0.00	56.78 1.30 0.00	56.95 1.28 0.00	55.67 1.49 0.00	58.19 1.83 0.00	57.70 1.94 0.00	71.15 2.53 0.00	75.29 3.27 0.00	77.43 3.49 0.00	65.06 3.88 0.00	87.97 5.75 0.00	91.37 6.35 0.00	74.60 5.26 -2.49	122.25 5.85 -32.47	1382.05 34.45 -855.83	70.01 1.35 -48.69	42.16 2.23 -4.94	50.03 2.62 -6.46	55.37 2.84 -4.69	55.26 2.39 0.00	57.86 1.79 0.00
CPV_VALLEY___CC2 323722	79.02 1.47 0.00	63.45 1.19 0.00	58.23 1.37 0.00	56.94 1.45 0.00	56.78 1.30 0.00	56.95 1.28 0.00	55.67 1.49 0.00	58.19 1.83 0.00	57.70 1.94 0.00	71.15 2.53 0.00	75.29 3.27 0.00	77.43 3.49 0.00	65.06 3.88 0.00	87.97 5.75 0.00	91.37 6.35 0.00	74.60 5.26 -2.49	122.25 5.85 -32.47	1382.05 34.45 -855.83	70.01 1.35 -48.69	42.16 2.23 -4.94	50.03 2.62 -6.46	55.37 2.84 -4.69	55.26 2.39 0.00	57.86 1.79 0.00
CRESCENT___HYD 24018	80.17 2.63 0.00	64.43 2.16 0.00	59.00 2.14 0.00	57.51 2.04 0.00	57.54 2.06 0.00	57.74 2.08 0.00	56.42 2.23 0.00	58.61 2.25 0.00	57.84 2.08 0.00	71.02 2.40 0.00	74.80 2.78 0.00	76.40 2.46 0.00	63.60 2.41 0.00	86.23 4.00 0.00	89.65 4.63 0.00	71.17 3.99 -0.33	94.28 5.02 -5.32	582.18 31.00 -59.41	47.09 1.21 -25.91	37.46 2.03 -0.43	100.33 2.44 -56.94	96.78 2.84 -46.11	55.26 2.39 0.00	57.88 1.80 0.00
CRICKET___VALLEY_CC1 323756	79.32 1.78 0.00	63.74 1.48 0.00	58.55 1.69 0.00	57.19 1.71 0.00	57.07 1.58 0.00	57.26 1.59 0.00	56.07 1.88 0.00	58.55 2.20 0.00	58.02 2.26 0.00	71.46 2.83 0.00	75.62 3.60 0.00	77.60 3.66 0.00	65.08 3.90 0.00	88.25 6.02 0.00	91.78 6.76 0.00	77.45 5.78 -4.82	185.43 6.75 -94.74	868.60 39.19 -337.63	69.26 1.53 -47.75	45.76 2.54 -8.22	53.41 2.97 -9.50	58.41 3.18 -7.40	55.47 2.60 0.00	57.95 1.87 0.00
CRICKET___VALLEY_CC2 323757	79.32 1.78 0.00	63.74 1.48 0.00	58.55 1.69 0.00	57.19 1.71 0.00	57.07 1.58 0.00	57.26 1.59 0.00	56.07 1.88 0.00	58.55 2.20 0.00	58.02 2.26 0.00	71.46 2.83 0.00	75.62 3.60 0.00	77.60 3.66 0.00	65.08 3.90 0.00	88.25 6.02 0.00	91.78 6.76 0.00	77.45 5.78 -4.82	185.43 6.75 -94.74	868.60 39.19 -337.63	69.26 1.53 -47.75	45.76 2.54 -8.22	53.41 2.97 -9.50	58.41 3.18 -7.40	55.47 2.60 0.00	57.95 1.87 0.00
CRICKET___VALLEY_CC3 323758	79.32 1.78 0.00	63.74 1.48 0.00	58.55 1.69 0.00	57.19 1.71 0.00	57.07 1.58 0.00	57.26 1.59 0.00	56.07 1.88 0.00	58.55 2.20 0.00	58.02 2.26 0.00	71.46 2.83 0.00	75.62 3.60 0.00	77.60 3.66 0.00	65.08 3.90 0.00	88.25 6.02 0.00	91.78 6.76 0.00	77.45 5.78 -4.82	185.43 6.75 -94.74	868.60 39.19 -337.63	69.26 1.53 -47.75	45.76 2.54 -8.22	53.41 2.97 -9.50	58.41 3.18 -7.40	55.47 2.60 0.00	57.95 1.87 0.00
CRUCIBLE_METL_DRP 24180	77.31 -0.24 0.00	61.90 -0.37 0.00	56.18 -0.68 0.00	54.76 -0.72 0.00	54.68 -0.80 0.00	54.96 -0.71 0.00	53.60 -0.59 0.00	55.81 -0.54 0.00	55.23 -0.53 0.00	68.12 -0.51 0.00	71.45 -0.57 0.00	73.62 -0.31 0.00	61.21 0.03 0.00	82.65 0.42 0.00	85.59 0.57 0.00	67.27 0.42 0.00	84.48 0.55 0.00	506.63 0.98 -13.87	20.44 0.09 -0.38	35.32 0.32 0.00	41.75 0.35 -0.46	48.15 0.31 0.00	52.94 0.07 0.00	55.72 -0.35 0.00
DAHOWA___HYDRO 323763	82.19 4.64 0.00	65.91 3.65 0.00	60.22 3.36 0.00	58.68 3.20 0.00	58.67 3.19 0.00	59.02 3.35 0.00	57.68 3.49 0.00	59.80 3.45 0.00	58.89 3.13 0.00	72.22 3.59 0.00	76.00 3.98 0.00	77.41 3.48 0.00	64.44 3.26 0.00	87.67 5.44 0.00	91.39 6.37 0.00	72.23 5.32 -0.06	92.00 7.20 -0.87	594.61 44.13 -58.70	48.95 1.78 -27.20	38.08 3.08 0.00	111.01 3.85 -66.22	98.34 4.38 -46.12	56.76 3.89 0.00	59.29 3.22 0.00
DANC___LFGE 323619	80.11 2.57 0.00	63.87 1.60 0.00	58.10 1.24 0.00	56.59 1.11 0.00	56.35 0.86 0.00	56.13 0.46 0.00	54.46 0.27 0.00	56.96 0.61 0.00	56.51 0.75 0.00	69.66 1.04 0.00	72.83 0.81 0.00	74.35 0.42 0.00	60.76 -0.42 0.00	81.15 -1.08 0.00	83.53 -1.49 0.00	63.80 -1.32 1.73	82.99 -0.94 0.00	488.34 -3.43 0.00	20.09 0.12 0.00	35.71 0.71 0.00	45.18 1.21 -3.02	49.57 1.73 0.00	54.49 1.62 0.00	57.46 1.38 0.00
DANSKAMMER___1 23586	80.68 3.14 0.00	64.78 2.51 0.00	59.42 2.56 0.00	58.06 2.58 0.00	57.88 2.40 0.00	58.08 2.41 0.00	56.84 2.64 0.00	59.45 3.10 0.00	58.99 3.23 0.00	72.79 4.17 0.00	77.15 5.13 0.00	79.38 5.44 0.00	66.76 5.58 0.00	90.38 8.15 0.00	93.98 8.95 0.00	78.36 7.41 -4.11	168.88 8.52 -76.43	1018.03 48.67 -477.58	69.38 1.92 -47.49	45.47 3.21 -7.26	52.85 3.80 -8.10	57.59 4.28 -5.47	56.78 3.91 0.00	59.29 3.21 0.00
DANSKAMMER___2 23589	80.68 3.14 0.00	64.78 2.51 0.00	59.42 2.56 0.00	58.06 2.58 0.00	57.88 2.40 0.00	58.08 2.41 0.00	56.84 2.64 0.00	59.45 3.10 0.00	58.99 3.23 0.00	72.79 4.17 0.00	77.15 5.13 0.00	79.38 5.44 0.00	66.76 5.58 0.00	90.38 8.15 0.00	93.98 8.95 0.00	78.36 7.41 -4.11	168.88 8.52 -76.43	1018.03 48.67 -477.58	69.38 1.92 -47.49	45.47 3.21 -7.26	52.85 3.80 -8.10	57.59 4.28 -5.47	56.78 3.91 0.00	59.29 3.21 0.00
DANSKAMMER___3 23590	80.68 3.14 0.00	64.78 2.51 0.00	59.42 2.56 0.00	58.06 2.58 0.00	57.88 2.40 0.00	58.08 2.41 0.00	56.84 2.64 0.00	59.45 3.10 0.00	58.99 3.23 0.00	72.79 4.17 0.00	77.15 5.13 0.00	79.38 5.44 0.00	66.76 5.58 0.00	90.38 8.15 0.00	93.98 8.95 0.00	78.36 7.41 -4.11	168.88 8.52 -76.43	1018.03 48.67 -477.58	69.38 1.92 -47.49	45.47 3.21 -7.26	52.85 3.80 -8.10	57.59 4.28 -5.47	56.78 3.91 0.00	59.29 3.21 0.00

DANSKAMMER___4 23591	80.68 3.14 0.00	64.78 2.51 0.00	59.42 2.56 0.00	58.06 2.58 0.00	57.88 2.40 0.00	58.08 2.41 0.00	56.84 2.64 0.00	59.45 3.10 0.00	58.99 3.23 0.00	72.79 4.17 0.00	77.15 5.13 0.00	79.38 5.44 0.00	66.76 5.58 0.00	90.38 8.15 0.00	93.98 8.95 0.00	78.36 7.41 -4.11	168.88 8.52 -76.43	1018.03 48.67 -477.58	69.38 1.92 -47.49	45.47 3.21 -7.26	52.85 3.80 -8.10	57.59 4.28 -5.47	56.78 3.91 0.00	59.29 3.21 0.00
DANSKAMMER___DIESEL 23592	80.68 3.14 0.00	64.78 2.51 0.00	59.42 2.56 0.00	58.06 2.58 0.00	57.88 2.41 0.00	58.08 2.41 0.00	56.83 2.64 0.00	59.46 3.11 0.00	58.99 3.23 0.00	72.79 4.17 0.00	77.15 5.13 0.00	79.38 5.44 0.00	66.76 5.58 0.00	90.40 8.17 0.00	93.98 8.96 0.00	78.36 7.40 -4.11	168.90 8.53 -76.43	1018.01 48.65 -477.58	69.38 1.91 -47.49	45.47 3.21 -7.26	52.85 3.80 -8.10	57.60 4.29 -5.47	56.78 3.91 0.00	59.29 3.21 0.00
DARBY___SOLAR 323810	81.69 4.14 0.00	65.53 3.26 0.00	59.90 3.04 0.00	58.37 2.89 0.00	58.37 2.89 0.00	58.68 3.01 0.00	57.35 3.16 0.00	59.45 3.10 0.00	58.55 2.79 0.00	71.80 3.17 0.00	75.52 3.50 0.00	76.97 3.04 0.00	64.07 2.88 0.00	87.11 4.88 0.00	90.79 5.77 0.00	71.70 4.79 -0.06	91.35 6.54 -0.88	587.44 40.15 -55.51	48.34 1.62 -26.75	37.79 2.79 0.00	109.52 3.48 -65.09	97.96 3.97 -46.15	56.37 3.50 0.00	58.94 2.86 0.00
DASHVILLE___HYD 23610	79.75 2.21 0.00	64.11 1.85 0.00	58.91 2.05 0.00	57.58 2.10 0.00	57.40 1.92 0.00	57.60 1.94 0.00	56.37 2.18 0.00	58.93 2.58 0.00	58.40 2.64 0.00	71.99 3.36 0.00	76.22 4.20 0.00	78.31 4.38 0.00	65.80 4.61 0.00	89.10 6.87 0.00	92.64 7.62 0.00	76.38 6.35 -3.18	150.52 7.69 -58.90	921.98 43.29 -386.91	61.99 1.72 -40.30	43.55 2.87 -5.67	56.04 3.19 -11.91	53.95 3.65 -2.47	55.99 3.12 0.00	58.50 2.43 0.00
DELAWARE___LFGE 323621	79.61 2.07 0.00	63.96 1.70 0.00	58.43 1.57 0.00	57.07 1.59 0.00	56.98 1.50 0.00	57.23 1.57 0.00	55.84 1.65 0.00	58.09 1.74 0.00	57.43 1.67 0.00	70.85 2.22 0.00	74.64 2.62 0.00	76.78 2.84 0.00	64.04 2.86 0.00	86.43 4.20 0.00	89.45 4.43 0.00	70.53 3.46 -0.23	92.36 4.26 -4.17	632.68 24.14 -116.77	31.20 0.98 -10.25	37.11 1.70 -0.41	52.95 1.97 -10.03	55.30 2.24 -5.22	54.97 2.10 0.00	57.73 1.65 0.00
DERFIELD_115KV_TB7 355931	77.83 0.28 0.00	62.51 0.25 0.00	57.11 0.25 0.00	55.74 0.26 0.00	55.70 0.22 0.00	55.89 0.22 0.00	54.44 0.25 0.00	56.63 0.28 0.00	55.98 0.22 0.00	68.90 0.27 0.00	72.38 0.36 0.00	74.29 0.35 0.00	61.65 0.46 0.00	83.04 0.81 0.00	85.99 0.97 0.00	68.58 0.83 -0.91	85.02 1.09 0.00	498.17 6.39 0.00	20.23 0.26 0.00	35.46 0.45 0.00	41.87 0.53 -0.39	48.44 0.60 0.00	53.29 0.42 0.00	56.29 0.21 0.00
DOGLEVILLE___HYD 23807	79.49 1.94 0.00	63.75 1.48 0.00	58.35 1.50 0.00	57.07 1.59 0.00	56.96 1.48 0.00	57.28 1.61 0.00	55.96 1.78 0.00	57.69 1.33 0.00	56.15 0.39 0.00	68.64 0.02 0.00	72.33 0.31 0.00	74.06 0.13 0.00	62.10 0.92 0.00	84.48 2.25 0.00	88.32 3.30 0.00	70.66 2.91 -0.91	88.72 4.79 0.00	521.25 29.47 0.00	21.31 1.34 0.00	37.25 2.24 0.00	44.23 2.89 -0.39	51.26 3.42 0.00	55.37 2.51 0.00	57.65 1.58 0.00
DUNKIRK___115KV_TB_200 55889	81.63 4.08 0.00	64.58 2.32 0.00	57.11 0.25 0.00	55.49 0.01 0.00	55.34 -0.14 0.00	55.83 0.16 0.00	54.27 0.08 0.00	56.66 0.30 0.00	56.60 0.84 0.00	70.99 2.36 0.00	74.42 2.40 0.00	77.43 3.49 0.00	64.36 3.17 0.00	87.03 4.80 0.00	89.58 4.56 0.00	69.31 2.46 0.00	86.10 2.17 0.00	534.14 11.76 -30.61	22.39 0.38 -2.04	36.02 1.02 0.00	42.70 1.40 -0.35	49.58 1.73 -0.01	55.14 2.26 0.00	56.43 0.35 0.00
DUNKIRK___1 23563	81.63 4.08 0.00	64.58 2.32 0.00	57.11 0.25 0.00	55.49 0.01 0.00	55.34 -0.14 0.00	55.83 0.16 0.00	54.27 0.08 0.00	56.66 0.30 0.00	56.60 0.84 0.00	70.99 2.36 0.00	74.42 2.40 0.00	77.43 3.49 0.00	64.36 3.17 0.00	87.03 4.80 0.00	89.58 4.56 0.00	69.31 2.46 0.00	86.10 2.17 0.00	534.14 11.76 -30.61	22.39 0.38 -2.04	36.02 1.02 0.00	42.70 1.40 -0.35	49.58 1.73 -0.01	55.14 2.26 0.00	56.43 0.35 0.00
DUNKIRK___2 23564	81.63 4.08 0.00	64.58 2.32 0.00	57.11 0.25 0.00	55.49 0.01 0.00	55.34 -0.14 0.00	55.83 0.16 0.00	54.27 0.08 0.00	56.66 0.30 0.00	56.60 0.84 0.00	70.99 2.36 0.00	74.42 2.40 0.00	77.43 3.49 0.00	64.36 3.17 0.00	87.03 4.80 0.00	89.58 4.56 0.00	69.31 2.46 0.00	86.10 2.17 0.00	534.14 11.76 -30.61	22.39 0.38 -2.04	36.02 1.02 0.00	42.70 1.40 -0.35	49.58 1.73 -0.01	55.14 2.26 0.00	56.43 0.35 0.00
DUNKIRK___3 23565	81.10 3.55 0.00	64.17 1.91 0.00	56.81 -0.05 0.00	55.18 -0.30 0.00	55.03 -0.45 0.00	55.49 -0.18 0.00	53.92 -0.27 0.00	56.24 -0.11 0.00	56.22 0.46 0.00	70.47 1.84 0.00	73.86 1.84 0.00	76.81 2.88 0.00	63.93 2.75 0.00	86.42 4.18 0.00	88.93 3.91 0.00	68.79 1.94 0.00	85.48 1.56 0.00	530.34 8.10 -30.46	22.22 0.22 -2.03	35.72 0.72 0.00	42.31 1.02 -0.35	49.18 1.33 -0.01	54.68 1.81 0.00	56.20 0.13 0.00
DUNKIRK___4 23566	81.10 3.55 0.00	64.17 1.91 0.00	56.81 -0.05 0.00	55.18 -0.30 0.00	55.03 -0.45 0.00	55.49 -0.18 0.00	53.92 -0.27 0.00	56.24 -0.11 0.00	56.22 0.46 0.00	70.47 1.84 0.00	73.86 1.84 0.00	76.81 2.88 0.00	63.93 2.75 0.00	86.42 4.18 0.00	88.93 3.91 0.00	68.79 1.94 0.00	85.48 1.56 0.00	530.34 8.10 -30.46	22.22 0.22 -2.03	35.72 0.72 0.00	42.31 1.02 -0.35	49.18 1.33 -0.01	54.68 1.81 0.00	56.20 0.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	80.47 2.93 0.00	64.65 2.38 0.00	59.52 2.67 0.00	58.26 2.78 0.00	58.08 2.60 0.00	58.24 2.58 0.00	56.99 2.80 0.00	59.68 3.33 0.00	59.25 3.49 0.00	73.09 4.46 0.00	77.55 5.53 0.00	79.68 5.74 0.00	67.23 6.04 0.00	90.99 8.76 0.00	94.51 9.49 0.00	92.50 7.76 -17.89	583.92 8.66 -491.33	3204.59 50.72 -2662.10	185.33 1.98 -163.38	60.42 3.30 -22.12	57.91 3.93 -13.03	57.91 4.28 -5.78	56.68 3.81 0.00	59.25 3.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	80.17 2.63 0.00	64.35 2.09 0.00	59.05 2.19 0.00	57.72 2.24 0.00	57.53 2.05 0.00	57.72 2.05 0.00	56.46 2.27 0.00	59.06 2.71 0.00	58.59 2.83 0.00	72.29 3.66 0.00	76.58 4.56 0.00	78.78 4.84 0.00	66.27 5.08 0.00	89.74 7.51 0.00	93.28 8.26 0.00	77.12 6.84 -3.43	150.45 7.84 -58.67	1200.20 44.86 -663.56	70.89 1.77 -49.15	44.32 2.95 -6.37	52.10 3.48 -7.68	56.83 3.84 -5.15	56.28 3.41 0.00	58.82 2.75 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	79.75 2.21 0.00	64.28 2.01 0.00	59.46 2.60 0.00	58.36 2.88 0.00	57.85 2.37 0.00	58.09 2.43 0.00	56.92 2.73 0.00	59.71 3.36 0.00	59.27 3.51 0.00	72.94 4.31 0.00	77.57 5.55 0.00	79.59 5.66 0.00	67.27 6.09 0.00	91.01 8.78 0.00	94.43 9.41 0.00	93.08 7.73 -18.49	583.30 8.12 -491.25	3201.54 48.07 -2661.69	185.23 1.90 -163.36	60.39 3.27 -22.12	57.86 3.88 -13.03	57.75 4.12 -5.78	56.61 3.73 0.00	59.15 3.07 0.00

E179THST_13_KV_LOAD 356214	80.40 2.86 0.00	64.78 2.51 0.00	59.89 3.03 0.00	58.76 3.28 0.00	58.23 2.75 0.00	58.48 2.81 0.00	57.31 3.12 0.00	60.14 3.79 0.00	59.68 3.92 0.00	73.46 4.83 0.00	78.14 6.12 0.00	80.19 6.25 0.00	67.80 6.61 0.00	91.72 9.49 0.00	95.19 10.17 0.00	93.65 8.31 -18.49	584.06 8.88 -491.25	3205.97 52.50 -2661.69	185.41 2.08 -163.36	60.69 3.56 -22.12	58.20 4.22 -13.03	58.16 4.54 -5.78	57.04 4.18 0.00	59.59 3.51 0.00
EAST HAMPTON___GT 23717	76.50 2.61 3.66	66.59 4.33 0.00	64.17 5.60 -1.71	61.27 5.79 0.00	61.29 5.81 0.00	61.66 5.99 0.00	60.32 6.14 0.00	63.51 7.15 0.00	62.50 6.74 0.00	77.36 8.73 0.00	83.35 9.64 -1.69	81.93 10.04 2.04	89.17 9.63 -18.35	110.82 12.44 -16.14	181.59 13.67 -82.90	215.76 10.30 -138.62	582.40 12.29 -486.18	3132.28 73.85 -2566.65	243.24 2.78 -220.49	161.17 5.08 -121.09	108.47 6.38 -61.15	70.80 6.16 -16.80	56.88 4.38 0.37	60.45 3.53 -0.84
EAST RIVER___6 23660	80.26 2.72 0.00	64.48 2.22 0.00	59.45 2.59 0.00	58.25 2.77 0.00	58.06 2.58 0.00	58.24 2.58 0.00	57.03 2.84 0.00	59.79 3.43 0.00	59.41 3.65 0.00	73.33 4.70 0.00	77.88 5.86 0.00	79.93 5.99 0.00	67.57 6.38 0.00	91.40 9.17 0.00	94.84 9.82 0.00	92.76 8.03 -17.89	583.96 8.71 -491.32	3204.94 51.13 -2662.03	185.34 1.99 -163.38	60.44 3.31 -22.12	58.00 4.02 -13.03	58.00 4.38 -5.78	56.77 3.90 0.00	59.38 3.31 0.00
EAST RIVER___7 23524	80.26 2.72 0.00	64.48 2.22 0.00	59.45 2.59 0.00	58.25 2.77 0.00	58.06 2.58 0.00	58.24 2.58 0.00	57.03 2.84 0.00	59.79 3.43 0.00	59.41 3.65 0.00	73.33 4.70 0.00	77.88 5.86 0.00	79.93 5.99 0.00	67.57 6.38 0.00	91.40 9.17 0.00	94.84 9.82 0.00	92.76 8.03 -17.89	583.96 8.71 -491.32	3204.94 51.13 -2662.03	185.34 1.99 -163.38	60.44 3.31 -22.12	58.00 4.02 -13.03	58.00 4.38 -5.78	56.77 3.90 0.00	59.38 3.31 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	80.21 2.67 0.00	64.44 2.18 0.00	59.31 2.45 0.00	58.03 2.55 0.00	57.85 2.37 0.00	58.02 2.36 0.00	56.76 2.57 0.00	59.42 3.07 0.00	59.01 3.25 0.00	72.80 4.17 0.00	77.22 5.21 0.00	79.35 5.41 0.00	66.91 5.72 0.00	90.57 8.34 0.00	94.09 9.06 0.00	92.25 7.43 -17.97	586.35 8.32 -494.10	3215.98 48.49 -2675.72	185.93 1.90 -164.05	60.36 3.15 -22.21	57.75 3.74 -13.06	57.70 4.08 -5.77	56.46 3.59 0.00	59.02 2.94 0.00
EAST_HAMPTON___DIESEL 23722	76.29 2.40 3.66	66.51 4.25 0.00	64.11 5.54 -1.71	61.24 5.76 0.00	61.30 5.82 0.00	61.67 6.00 0.00	60.34 6.15 0.00	63.53 7.18 0.00	62.55 6.79 0.00	77.42 8.79 0.00	83.45 9.74 -1.69	82.01 10.11 2.04	89.21 9.68 -18.35	110.81 12.44 -16.14	181.58 13.66 -82.89	215.72 10.26 -138.61	582.40 12.29 -486.18	3132.51 74.08 -2566.65	243.24 2.78 -220.49	161.15 5.06 -121.09	108.44 6.34 -61.15	70.71 6.07 -16.80	56.73 4.24 0.37	60.28 3.36 -0.84
EAST_POINT___SOLAR 323840	83.48 5.93 0.00	66.85 4.58 0.00	60.82 3.97 0.00	59.18 3.70 0.00	59.15 3.68 0.00	59.47 3.80 0.00	57.75 3.57 0.00	58.48 2.12 0.00	56.78 1.02 0.00	69.47 0.84 0.00	72.88 0.87 0.00	74.88 0.94 0.00	62.03 0.85 0.00	83.35 1.12 0.00	87.04 2.02 0.00	68.21 1.33 -0.03	87.26 3.33 0.00	597.17 23.42 -81.97	48.94 1.43 -27.54	37.84 2.83 0.00	110.69 3.70 -66.04	92.75 4.32 -40.59	57.38 4.51 0.00	60.49 4.41 0.00
EAST_PULASKI___ESR 323781	77.85 0.30 0.00	62.21 -0.05 0.00	56.57 -0.29 0.00	55.13 -0.34 0.00	55.01 -0.47 0.00	55.06 -0.61 0.00	53.56 -0.63 0.00	55.86 -0.50 0.00	55.33 -0.43 0.00	68.24 -0.39 0.00	71.38 -0.64 0.00	73.21 -0.73 0.00	60.47 -0.71 0.00	81.23 -1.00 0.00	83.87 -1.15 0.00	65.02 -1.00 0.84	82.88 -1.05 0.00	484.93 -6.84 0.00	19.87 -0.10 0.00	35.13 0.13 0.00	42.83 0.31 -1.57	48.34 0.50 0.00	53.16 0.29 0.00	56.02 -0.06 0.00
EAST_RIVER___1 323558	80.37 2.83 0.00	64.55 2.28 0.00	59.51 2.65 0.00	58.29 2.82 0.00	58.12 2.64 0.00	58.29 2.63 0.00	57.08 2.89 0.00	59.84 3.48 0.00	59.46 3.71 0.00	73.42 4.79 0.00	77.96 5.94 0.00	80.00 6.06 0.00	67.62 6.43 0.00	91.49 9.26 0.00	94.93 9.91 0.00	92.80 8.06 -17.89	584.06 8.81 -491.32	3205.81 51.97 -2662.06	185.37 2.02 -163.38	60.46 3.34 -22.12	58.02 4.04 -13.03	58.04 4.41 -5.78	56.83 3.95 0.00	59.43 3.35 0.00
EAST_RIVER___2 323559	80.26 2.72 0.00	64.48 2.22 0.00	59.45 2.59 0.00	58.25 2.77 0.00	58.06 2.58 0.00	58.24 2.58 0.00	57.03 2.84 0.00	59.79 3.43 0.00	59.41 3.65 0.00	73.33 4.70 0.00	77.88 5.86 0.00	79.93 5.99 0.00	67.57 6.38 0.00	91.40 9.17 0.00	94.84 9.82 0.00	92.76 8.03 -17.89	583.96 8.71 -491.32	3204.94 51.13 -2662.03	185.34 1.99 -163.38	60.44 3.31 -22.12	58.00 4.02 -13.03	58.00 4.38 -5.78	56.77 3.90 0.00	59.38 3.31 0.00
EAST___DELAWARE_HYD 23607	79.07 1.53 0.00	63.36 1.10 0.00	58.06 1.20 0.00	56.72 1.24 0.00	56.53 1.04 0.00	56.72 1.05 0.00	55.50 1.32 0.00	58.06 1.70 0.00	57.57 1.82 0.00	71.03 2.40 0.00	75.25 3.23 0.00	77.43 3.49 0.00	65.06 3.88 0.00	87.83 5.60 0.00	89.69 4.67 0.00	73.69 3.96 -2.88	136.39 4.25 -48.21	1057.57 25.21 -540.58	62.76 1.03 -41.77	42.08 1.75 -5.33	52.06 3.00 -8.11	55.01 3.20 -3.97	55.52 2.65 0.00	57.99 1.91 0.00
EIGHT_POINT___WT_PWR 323820	81.15 3.60 0.00	64.50 2.24 0.00	57.51 0.65 0.00	56.01 0.54 0.00	55.89 0.41 0.00	56.32 0.65 0.00	54.86 0.67 0.00	57.02 0.67 0.00	56.15 0.39 0.00	69.75 1.12 0.00	73.03 1.02 0.00	75.63 1.70 0.00	63.08 1.89 0.00	85.40 3.17 0.00	88.26 3.24 0.00	69.10 2.25 0.00	85.96 2.03 0.00	537.81 8.38 -37.66	22.94 0.49 -2.48	36.33 1.32 0.00	44.86 1.96 -1.95	50.98 2.19 -0.95	55.41 2.54 0.00	57.26 1.18 0.00
ELBRIDGE_115KV_TB2 80188	77.31 -0.23 0.00	61.91 -0.35 0.00	56.20 -0.66 0.00	54.80 -0.68 0.00	54.65 -0.83 0.00	54.97 -0.70 0.00	53.61 -0.57 0.00	55.79 -0.56 0.00	55.22 -0.54 0.00	68.10 -0.53 0.00	71.43 -0.59 0.00	73.56 -0.37 0.00	61.22 0.04 0.00	82.61 0.38 0.00	85.48 0.46 0.00	67.12 0.27 0.00	84.22 0.29 0.00	506.22 -0.38 -14.82	20.41 0.03 -0.41	35.24 0.24 0.00	41.63 0.27 -0.41	48.09 0.25 0.00	52.90 0.02 0.00	55.69 -0.38 0.00
ELEC_TRO_TEK 24086	96.63 3.14 -15.94	65.01 2.73 -0.01	61.84 3.27 -1.71	58.70 3.22 0.00	58.47 2.99 0.00	58.63 2.97 0.00	57.17 2.99 0.00	59.88 3.53 0.00	59.38 3.62 0.00	73.26 4.64 0.00	79.43 5.69 -1.72	88.96 5.97 -9.06	69.05 6.40 -1.46	92.06 9.07 -0.77	117.83 10.04 -22.77	180.72 7.92 -105.94	631.99 9.35 -538.71	3202.37 52.50 -2658.09	249.32 2.14 -227.21	128.81 3.64 -90.17	82.17 4.32 -36.91	76.96 4.58 -24.54	60.60 3.84 -3.90	61.42 3.40 -1.94
ELLENBURG_WT_PWR 323604	77.50 -0.04 0.00	62.23 -0.04 0.00	56.91 0.05 0.00	55.67 0.19 0.00	55.74 0.26 0.00	55.83 0.17 0.00	54.21 0.01 0.00	56.28 -0.07 0.00	55.68 -0.08 0.00	68.36 -0.27 0.00	71.38 -0.64 0.00	73.11 -0.83 0.00	59.71 -1.48 0.00	79.51 -2.72 0.00	81.45 -3.57 0.00	47.92 -3.13 15.79	80.35 -3.58 0.00	474.23 -17.54 0.00	19.29 -0.68 0.00	33.78 -1.23 0.00	37.68 -1.41 1.85	46.25 -1.59 0.00	51.87 -1.00 0.00	56.12 0.05 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	80.66 3.11 0.00	63.76 1.49 0.00	56.46 -0.40 0.00	54.74 -0.74 0.00	54.60 -0.88 0.00	54.99 -0.67 0.00	53.34 -0.85 0.00	55.53 -0.82 0.00	55.67 -0.09 0.00	69.66 1.03 0.00	72.92 0.90 0.00	75.77 1.84 0.00	63.18 1.99 0.00	85.24 3.00 0.00	87.50 2.48 0.00	67.56 0.70 0.00	83.90 -0.03 0.00	520.00 -0.56 -28.78	21.71 -0.17 -1.92	34.95 -0.05 0.00	41.28 0.00 -0.33	48.20 0.36 -0.01	53.77 0.90 0.00	55.73 -0.34 0.00
EMPIRE_CC_1 323656	78.38 0.84 0.00	63.08 0.81 0.00	57.98 1.12 0.00	56.57 1.09 0.00	56.74 1.26 0.00	56.80 1.14 0.00	55.34 1.15 0.00	57.50 1.15 0.00	56.80 1.04 0.00	69.82 1.20 0.00	73.50 1.49 0.00	75.04 1.10 0.00	62.52 1.34 0.00	84.65 2.42 0.00	87.94 2.92 0.00	70.35 2.67 -0.83	102.18 3.20 -15.06	525.67 20.56 -13.33	37.01 0.79 -16.25	37.58 1.23 -1.35	61.82 1.41 -19.46	71.57 1.65 -22.07	54.05 1.18 0.00	56.67 0.59 0.00
EMPIRE_CC_2 323658	78.38 0.84 0.00	63.08 0.81 0.00	57.98 1.12 0.00	56.57 1.09 0.00	56.74 1.26 0.00	56.80 1.14 0.00	55.34 1.15 0.00	57.50 1.15 0.00	56.80 1.04 0.00	69.82 1.20 0.00	73.50 1.49 0.00	75.04 1.10 0.00	62.52 1.34 0.00	84.65 2.42 0.00	87.94 2.92 0.00	70.35 2.67 -0.83	102.18 3.20 -15.06	525.67 20.56 -13.33	37.01 0.79 -16.25	37.58 1.23 -1.35	61.82 1.41 -19.46	71.57 1.65 -22.07	54.05 1.18 0.00	56.67 0.59 0.00
ENORWICH_115KV_TB1 80156	84.29 6.74 0.00	67.21 4.95 0.00	60.85 3.99 0.00	59.44 3.96 0.00	59.31 3.83 0.00	59.76 4.09 0.00	58.40 4.21 0.00	60.80 4.44 0.00	59.93 4.17 0.00	73.50 4.87 0.00	77.19 5.17 0.00	79.62 5.68 0.00	66.28 5.10 0.00	89.60 7.37 0.00	93.05 8.03 0.00	73.07 6.07 -0.16	94.60 7.82 -2.85	615.71 46.29 -77.64	28.17 2.07 -6.13	39.25 3.97 -0.28	50.24 4.56 -4.73	55.33 5.09 -2.40	58.13 5.26 0.00	60.72 4.64 0.00
ERIE_ST__34_KV_TB1-2 80199	81.31 3.77 0.00	64.16 1.89 0.00	56.82 -0.04 0.00	55.10 -0.38 0.00	54.96 -0.52 0.00	55.35 -0.31 0.00	53.72 -0.46 0.00	56.04 -0.31 0.00	56.21 0.45 0.00	70.47 1.84 0.00	73.89 1.88 0.00	76.87 2.94 0.00	64.17 2.99 0.00	86.72 4.49 0.00	89.25 4.23 0.00	69.05 2.20 0.00	85.82 1.89 0.00	533.59 11.87 -29.94	22.30 0.33 -2.00	35.86 0.86 0.00	42.29 1.00 -0.35	49.18 1.33 -0.01	54.69 1.82 0.00	56.53 0.45 0.00
ERIE_WT_PWR 323693	81.11 3.57 0.00	64.13 1.86 0.00	56.78 -0.08 0.00	55.04 -0.45 0.00	54.90 -0.58 0.00	55.31 -0.36 0.00	53.67 -0.52 0.00	55.87 -0.48 0.00	55.97 0.21 0.00	70.07 1.44 0.00	73.39 1.37 0.00	76.28 2.34 0.00	63.63 2.44 0.00	85.91 3.69 0.00	88.29 3.27 0.00	68.19 1.34 0.00	84.80 0.87 0.00	526.17 4.86 -29.53	21.98 0.04 -1.97	35.35 0.35 0.00	41.74 0.45 -0.34	48.67 0.82 -0.01	54.15 1.28 0.00	56.08 0.00 0.00
ESPRGFLD_115KV_TB1 80157	81.86 4.32 0.00	65.63 3.36 0.00	59.65 2.79 0.00	58.07 2.60 0.00	57.97 2.49 0.00	58.29 2.63 0.00	56.80 2.61 0.00	58.88 2.53 0.00	58.27 2.51 0.00	71.88 3.26 0.00	75.55 3.53 0.00	77.85 3.92 0.00	64.55 3.37 0.00	86.61 4.39 0.00	89.30 4.28 0.00	69.95 3.08 -0.02	87.87 3.94 0.00	601.23 23.64 -85.82	42.16 1.08 -21.11	37.08 2.08 0.00	90.93 2.44 -47.54	79.75 2.79 -29.12	55.98 3.10 0.00	59.20 3.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	79.92 2.37 0.00	63.92 1.65 0.00	57.88 1.03 0.00	56.46 0.99 0.00	56.33 0.85 0.00	56.66 0.99 0.00	55.29 1.10 0.00	57.52 1.16 0.00	56.75 0.99 0.00	69.85 1.23 0.00	73.18 1.16 0.00	75.35 1.42 0.00	62.76 1.58 0.00	84.84 2.60 0.00	87.94 2.92 0.00	69.00 2.15 0.00	86.72 2.79 0.00	549.34 16.30 -41.26	23.51 0.76 -2.78	36.66 1.65 0.00	45.25 2.00 -2.30	51.17 2.20 -1.13	54.96 2.09 0.00	57.55 1.48 0.00
ETNA____115KV_TB2 80207	79.92 2.37 0.00	63.92 1.65 0.00	57.88 1.03 0.00	56.46 0.99 0.00	56.33 0.85 0.00	56.66 0.99 0.00	55.29 1.10 0.00	57.52 1.16 0.00	56.75 0.99 0.00	69.85 1.23 0.00	73.18 1.16 0.00	75.35 1.42 0.00	62.76 1.58 0.00	84.84 2.60 0.00	87.94 2.92 0.00	69.00 2.15 0.00	86.72 2.79 0.00	549.34 16.30 -41.26	23.51 0.76 -2.78	36.66 1.65 0.00	45.25 2.00 -2.30	51.17 2.20 -1.13	54.96 2.09 0.00	57.55 1.48 0.00
EUCLID__115KV_TB2 356179	76.87 -0.67 0.00	61.54 -0.73 0.00	55.89 -0.97 0.00	54.47 -1.01 0.00	54.40 -1.08 0.00	54.65 -1.02 0.00	53.27 -0.92 0.00	55.48 -0.88 0.00	54.93 -0.82 0.00	67.85 -0.78 0.00	71.14 -0.88 0.00	73.27 -0.66 0.00	60.97 -0.21 0.00	82.30 0.08 0.00	85.14 0.12 0.00	66.89 0.04 0.00	83.88 -0.05 0.00	489.68 -2.10 0.00	19.91 -0.07 0.00	35.02 0.02 0.00	41.49 0.01 -0.54	47.79 -0.05 0.00	52.59 -0.29 0.00	55.33 -0.75 0.00
E_CANADA_CAP_HY 24051	82.50 4.96 0.00	66.17 3.91 0.00	60.18 3.32 0.00	58.51 3.03 0.00	58.49 3.01 0.00	58.76 3.09 0.00	57.19 3.00 0.00	58.93 2.57 0.00	58.06 2.31 0.00	71.39 2.76 0.00	74.82 2.81 0.00	76.94 3.00 0.00	63.58 2.39 0.00	85.14 2.91 0.00	87.86 2.84 0.00	68.81 1.93 -0.03	86.77 2.85 0.00	594.85 20.15 -82.93	46.91 1.00 -25.94	37.04 2.04 0.00	104.88 2.50 -61.44	88.54 2.97 -37.73	56.20 3.33 0.00	59.61 3.53 0.00
E_CANADA_MHWK_HY 24050	79.49 1.94 0.00	63.75 1.48 0.00	58.35 1.49 0.00	57.07 1.59 0.00	56.96 1.48 0.00	57.28 1.61 0.00	55.96 1.78 0.00	57.69 1.33 0.00	56.15 0.39 0.00	68.64 0.02 0.00	72.33 0.31 0.00	74.06 0.13 0.00	62.10 0.92 0.00	84.48 2.25 0.00	88.32 3.30 0.00	70.66 2.91 -0.91	88.72 4.79 0.00	521.25 29.47 0.00	21.31 1.34 0.00	37.25 2.25 0.00	44.23 2.89 -0.39	51.26 3.42 0.00	55.37 2.50 0.00	57.65 1.58 0.00
E_FISHKILL__LBMP 23776	79.62 2.07 0.00	64.01 1.74 0.00	58.83 1.97 0.00	57.53 2.05 0.00	57.36 1.88 0.00	57.56 1.89 0.00	56.31 2.12 0.00	58.83 2.48 0.00	58.33 2.58 0.00	71.90 3.28 0.00	76.14 4.12 0.00	78.17 4.23 0.00	65.70 4.52 0.00	88.94 6.71 0.00	92.38 7.36 0.00	77.74 6.15 -4.74	183.45 7.00 -92.52	792.72 40.50 -260.44	66.37 1.59 -44.81	45.79 2.64 -8.15	52.18 3.10 -8.14	57.16 3.37 -5.94	55.74 2.87 0.00	58.31 2.24 0.00
FALCON__SEABRD_CC1 323796	77.61 0.06 0.00	62.29 0.02 0.00	56.96 0.10 0.00	55.90 0.42 0.00	55.94 0.46 0.00	55.89 0.23 0.00	54.32 0.13 0.00	56.37 0.02 0.00	55.72 -0.04 0.00	68.37 -0.26 0.00	71.45 -0.57 0.00	73.10 -0.83 0.00	59.71 -1.47 0.00	79.73 -2.50 0.00	81.64 -3.38 0.00	47.98 -3.12 15.75	80.24 -3.69 0.00	474.49 -17.28 0.00	19.31 -0.67 0.00	33.82 -1.18 0.00	37.71 -1.32 1.91	46.30 -1.54 0.00	51.85 -1.02 0.00	56.24 0.16 0.00
FALCON__SEABRD_CC2 323797	77.61 0.06 0.00	62.29 0.02 0.00	56.96 0.10 0.00	55.90 0.42 0.00	55.94 0.46 0.00	55.89 0.23 0.00	54.32 0.13 0.00	56.37 0.02 0.00	55.72 -0.04 0.00	68.37 -0.26 0.00	71.45 -0.57 0.00	73.10 -0.83 0.00	59.71 -1.47 0.00	79.73 -2.50 0.00	81.64 -3.38 0.00	47.98 -3.12 15.75	80.24 -3.69 0.00	474.49 -17.28 0.00	19.31 -0.67 0.00	33.82 -1.18 0.00	37.71 -1.32 1.91	46.30 -1.54 0.00	51.85 -1.02 0.00	56.24 0.16 0.00

FAR ROCKAWAY___4 23548	126.11 4.44 -44.13	66.27 3.97 -0.03	62.87 4.30 -1.71	59.86 4.38 0.00	59.64 4.16 0.00	59.79 4.12 0.00	58.27 4.09 0.00	61.05 4.69 0.00	60.25 4.49 0.00	74.45 5.82 0.00	83.99 7.04 -4.94	107.32 7.41 -25.97	71.77 7.64 -2.94	96.22 10.68 -3.31	151.25 11.54 -54.69	230.31 9.14 -154.32	702.77 11.02 -607.83	3349.71 61.61 -2796.33	313.21 2.52 -290.73	168.53 4.27 -129.26	83.32 5.03 -37.34	102.97 5.38 -49.75	68.34 4.68 -10.79	65.62 4.16 -5.38
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	80.42 2.87 0.00	64.59 2.33 0.00	59.55 2.69 0.00	58.34 2.86 0.00	58.14 2.67 0.00	58.34 2.67 0.00	57.11 2.92 0.00	59.87 3.52 0.00	59.50 3.75 0.00	73.44 4.81 0.00	77.98 5.97 0.00	80.04 6.10 0.00	67.63 6.45 0.00	91.55 9.32 0.00	94.98 9.96 0.00	92.86 8.12 -17.89	584.13 8.90 -491.31	3206.00 52.23 -2661.99	185.38 2.03 -163.37	60.49 3.37 -22.12	58.03 4.05 -13.03	58.07 4.45 -5.78	56.85 3.98 0.00	59.46 3.38 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	80.47 2.93 0.00	64.64 2.37 0.00	59.58 2.72 0.00	58.36 2.88 0.00	58.18 2.70 0.00	58.36 2.70 0.00	57.13 2.95 0.00	59.88 3.53 0.00	59.51 3.76 0.00	73.45 4.82 0.00	78.00 5.98 0.00	80.05 6.11 0.00	67.66 6.48 0.00	91.56 9.33 0.00	95.01 9.99 0.00	92.87 8.13 -17.89	584.21 8.97 -491.31	3206.17 52.40 -2661.99	185.39 2.04 -163.37	60.51 3.39 -22.12	58.05 4.07 -13.03	58.08 4.46 -5.78	56.88 4.01 0.00	59.48 3.41 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	80.34 2.79 0.00	64.52 2.26 0.00	59.51 2.65 0.00	58.29 2.81 0.00	58.10 2.63 0.00	58.29 2.63 0.00	57.06 2.87 0.00	59.83 3.47 0.00	59.45 3.69 0.00	73.37 4.74 0.00	77.92 5.90 0.00	79.95 6.02 0.00	67.57 6.39 0.00	91.44 9.21 0.00	94.88 9.86 0.00	92.77 8.04 -17.89	584.04 8.80 -491.31	3205.31 51.54 -2661.99	185.35 2.00 -163.37	60.45 3.32 -22.12	57.99 4.00 -13.03	58.00 4.38 -5.78	56.78 3.91 0.00	59.39 3.31 0.00
FARRAGUT___LBMP 323566	80.25 2.71 0.00	64.46 2.20 0.00	59.45 2.59 0.00	58.24 2.76 0.00	58.04 2.56 0.00	58.23 2.57 0.00	57.00 2.81 0.00	59.75 3.39 0.00	59.36 3.60 0.00	73.27 4.64 0.00	77.81 5.79 0.00	79.83 5.90 0.00	67.49 6.30 0.00	91.31 9.08 0.00	94.74 9.72 0.00	92.66 7.93 -17.89	583.89 8.65 -491.31	3204.61 50.84 -2661.99	185.33 1.98 -163.37	60.41 3.28 -22.12	57.93 3.95 -13.03	57.94 4.32 -5.78	56.72 3.85 0.00	59.33 3.25 0.00
FENNER___WINDPWR 24204	79.43 1.89 0.00	63.53 1.27 0.00	57.77 0.91 0.00	56.35 0.87 0.00	56.27 0.79 0.00	56.51 0.84 0.00	55.06 0.87 0.00	57.29 0.94 0.00	56.55 0.79 0.00	69.65 1.02 0.00	73.07 1.05 0.00	75.16 1.22 0.00	62.42 1.23 0.00	84.15 1.93 0.00	87.24 2.23 0.00	68.65 1.80 0.00	86.44 2.51 0.00	522.95 14.71 -16.45	21.08 0.66 -0.45	36.37 1.37 0.00	43.32 1.63 -0.75	49.66 1.82 0.00	54.54 1.67 0.00	57.40 1.32 0.00
FIBERTEK___ENERGY 23856	77.31 -0.24 0.00	61.90 -0.37 0.00	56.18 -0.68 0.00	54.76 -0.72 0.00	54.68 -0.80 0.00	54.96 -0.71 0.00	53.60 -0.59 0.00	55.81 -0.54 0.00	55.23 -0.53 0.00	68.12 -0.51 0.00	71.45 -0.57 0.00	73.62 -0.31 0.00	61.21 0.03 0.00	82.65 0.42 0.00	85.59 0.57 0.00	67.27 0.42 0.00	84.48 0.55 0.00	506.63 0.98 -13.87	20.44 0.09 -0.38	35.32 0.32 0.00	41.75 0.35 -0.46	48.15 0.31 0.00	52.94 0.07 0.00	55.72 -0.35 0.00
FITZPATRICK___ 23598	75.56 -1.98 0.00	60.54 -1.72 0.00	55.07 -1.79 0.00	53.69 -1.79 0.00	53.64 -1.84 0.00	53.87 -1.80 0.00	52.47 -1.72 0.00	54.62 -1.74 0.00	54.08 -1.68 0.00	66.70 -1.92 0.00	69.86 -2.16 0.00	71.87 -2.07 0.00	59.69 -1.49 0.00	80.45 -1.78 0.00	83.18 -1.84 0.00	65.38 -1.47 0.00	82.11 -1.82 0.00	479.53 -12.25 0.00	19.50 -0.47 0.00	34.28 -0.73 0.00	40.06 -0.88 0.00	46.79 -1.05 0.00	51.57 -1.30 0.00	54.45 -1.62 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	80.92 3.37 0.00	64.97 2.70 0.00	59.59 2.73 0.00	58.23 2.74 0.00	58.04 2.56 0.00	58.23 2.56 0.00	56.99 2.81 0.00	59.63 3.28 0.00	59.17 3.41 0.00	73.02 4.39 0.00	77.40 5.38 0.00	79.64 5.71 0.00	66.99 5.81 0.00	90.76 8.54 0.00	94.39 9.37 0.00	78.73 7.72 -4.16	170.29 8.94 -77.42	985.02 50.62 -442.62	68.82 1.99 -46.86	45.69 3.35 -7.34	53.00 3.95 -8.11	57.82 4.43 -5.55	56.91 4.04 0.00	59.42 3.35 0.00
FORT ORANGE___ 23900	78.32 0.78 0.00	63.02 0.75 0.00	57.80 0.94 0.00	56.52 1.04 0.00	56.53 1.05 0.00	56.52 0.85 0.00	55.03 0.84 0.00	56.99 0.64 0.00	56.15 0.40 0.00	68.95 0.32 0.00	72.55 0.53 0.00	74.11 0.18 0.00	61.83 0.64 0.00	83.51 1.28 0.00	86.86 1.84 0.00	68.64 1.85 0.06	90.16 2.47 -3.76	517.62 15.71 -10.13	38.03 0.58 -17.47	36.28 1.00 -0.28	78.34 1.12 -36.28	33.06 1.28 16.06	53.62 0.75 0.00	56.39 0.31 0.00
FORT_DRUM_COGEN 23780	82.87 5.33 0.00	65.90 3.63 0.00	59.97 3.11 0.00	58.40 2.92 0.00	58.09 2.61 0.00	57.73 2.06 0.00	55.90 1.71 0.00	58.50 2.14 0.00	58.04 2.29 0.00	71.48 2.85 0.00	74.58 2.57 0.00	75.77 1.83 0.00	61.27 0.08 0.00	81.20 -1.03 0.00	83.37 -1.66 0.00	62.47 -1.38 3.00	83.35 -0.58 0.00	493.07 1.29 0.00	20.40 0.43 0.00	36.47 1.46 0.00	48.44 2.41 -5.08	51.28 3.44 0.00	56.29 3.42 0.00	59.41 3.33 0.00
FOX_HILLS___ESR 323835	79.84 2.29 0.00	64.25 1.98 0.00	59.31 2.45 0.00	58.13 2.65 0.00	57.69 2.21 0.00	58.03 2.36 0.00	56.93 2.74 0.00	59.75 3.40 0.00	59.34 3.58 0.00	73.01 4.38 0.00	77.78 5.76 0.00	79.89 5.95 0.00	67.56 6.37 0.00	91.36 9.13 0.00	94.90 9.87 -0.01	92.47 8.02 -17.60	578.80 7.80 -487.07	3200.34 46.87 -2661.69	185.18 1.85 -163.36	60.33 3.21 -22.12	57.87 3.89 -13.03	57.80 4.18 -5.78	56.75 3.87 0.00	59.27 3.20 0.00
FPL_FAR_ROCK_GT1 24212	126.12 4.45 -44.13	66.27 3.97 -0.03	62.87 4.31 -1.71	59.86 4.38 0.00	59.63 4.15 0.00	59.78 4.12 0.00	58.27 4.08 0.00	61.04 4.69 0.00	60.25 4.49 0.00	74.45 5.82 0.00	84.00 7.04 -4.94	107.32 7.41 -25.97	71.74 7.62 -2.94	96.12 10.57 -3.31	151.18 11.46 -54.69	230.25 9.08 -154.32	702.41 10.65 -607.83	3349.42 61.32 -2796.33	313.21 2.51 -290.73	168.54 4.27 -129.26	83.32 5.03 -37.34	102.96 5.38 -49.75	68.34 4.69 -10.79	65.62 4.16 -5.38
FPL_FAR_ROCK_GT2 23815	126.12 4.45 -44.13	66.27 3.97 -0.03	62.87 4.31 -1.71	59.86 4.38 0.00	59.63 4.15 0.00	59.78 4.12 0.00	58.27 4.08 0.00	61.04 4.69 0.00	60.25 4.49 0.00	74.45 5.82 0.00	84.00 7.04 -4.94	107.32 7.41 -25.97	71.74 7.62 -2.94	96.12 10.57 -3.31	151.18 11.46 -54.69	230.25 9.08 -154.32	702.41 10.65 -607.83	3349.42 61.32 -2796.33	313.21 2.51 -290.73	168.54 4.27 -129.26	83.32 5.03 -37.34	102.96 5.38 -49.75	68.34 4.69 -10.79	65.62 4.16 -5.38
FRANKLIN_FALL_HYD 24054	78.72 1.17 0.00	63.03 0.76 0.00	57.59 0.73 0.00	56.26 0.78 0.00	56.32 0.83 0.00	56.50 0.83 0.00	54.78 0.59 0.00	56.91 0.56 0.00	56.27 0.51 0.00	69.13 0.51 0.00	71.96 -0.06 0.00	73.68 -0.26 0.00	59.96 -1.23 0.00	79.64 -2.59 0.00	81.45 -3.57 0.00	49.17 -2.96 0.00	80.94 -2.99 0.00	476.54 -15.24 0.00	19.46 -0.52 0.00	34.09 -0.91 0.00	36.49 -1.06 3.40	46.93 -0.91 0.00	52.88 0.01 0.00	57.09 1.01 0.00



FREEPORT_EQUS_GT1 23764	94.57	65.56	62.39	59.18	58.92	59.07	57.56	60.31	59.88	73.84	79.42	87.13	69.10	92.19	114.62	167.54	621.72	3158.40	240.55	124.26	82.48	75.24	60.45	61.50
	3.56	3.29	3.82	3.71	3.44	3.40	3.38	3.95	4.12	5.22	6.07	6.17	6.62	9.31	10.47	8.22	9.55	55.50	2.28	3.94	4.68	5.07	4.28	3.78
	-13.47	-0.01	-1.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-7.03	-1.29	-0.64	-19.13	-92.47	-528.24	-2611.12	-218.30	-85.31	-36.86	-22.33	-3.29	-1.64
FREEPORT___CT2 23818	94.57	65.56	62.39	59.18	58.92	59.07	57.56	60.31	59.88	73.84	79.42	87.13	69.10	92.19	114.62	167.54	621.72	3158.40	240.55	124.26	82.48	75.24	60.45	61.50
	3.56	3.29	3.82	3.71	3.44	3.40	3.38	3.95	4.12	5.22	6.07	6.17	6.62	9.31	10.47	8.22	9.55	55.50	2.28	3.94	4.68	5.07	4.28	3.78
	-13.47	-0.01	-1.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.34	-7.03	-1.29	-0.64	-19.13	-92.47	-528.24	-2611.12	-218.30	-85.31	-36.86	-22.33	-3.29	-1.64
FRESHKLS_33_KV_LOAD 356253	79.84	64.26	59.10	57.63	56.66	57.69	56.92	59.73	59.37	73.03	77.80	79.92	67.58	91.41	95.01	92.15	578.95	3201.28	185.24	60.46	58.00	57.91	56.90	59.36
	2.30	2.00	2.45	2.61	2.16	2.33	2.73	3.38	3.61	4.40	5.79	5.98	6.39	9.19	9.98	8.09	7.96	47.81	1.91	3.34	4.02	4.29	4.03	3.28
	0.00	0.00	0.20	0.46	0.98	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-17.21	-487.07	-2661.69	-163.36	-22.12	-13.03	-5.78	0.00	0.00
FULTON COGEN____ 23766	76.63	61.34	55.74	54.33	54.28	54.50	53.12	55.33	54.77	67.61	70.88	72.92	60.68	81.85	84.63	66.52	83.49	487.00	19.81	34.92	41.46	47.66	52.39	55.19
	-0.92	-0.92	-1.12	-1.15	-1.20	-1.17	-1.07	-1.02	-0.98	-1.02	-1.14	-1.02	-0.51	-0.38	-0.39	-0.33	-0.44	-4.78	-0.16	-0.09	-0.11	-0.18	-0.48	-0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	0.00	0.00	0.00
FULTON___LFGE 323630	82.58	66.13	60.29	58.67	58.72	58.96	57.48	59.17	57.99	71.04	74.49	76.47	63.35	85.21	88.39	69.37	88.08	603.44	49.29	37.70	111.51	93.03	56.88	59.94
	5.03	3.87	3.43	3.19	3.23	3.30	3.29	2.81	2.23	2.41	2.48	2.54	2.16	2.98	3.37	2.49	4.15	29.93	1.38	2.70	3.37	3.88	4.01	3.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-81.73	-27.94	0.00	-67.20	-41.31	0.00	0.00
G.F.CEMENT___DRP 24184	82.83	66.35	60.57	59.00	58.98	59.38	58.03	60.11	59.22	72.66	76.47	77.73	64.70	88.29	92.22	72.81	92.67	604.01	49.87	38.40	113.39	98.78	57.16	59.66
	5.29	4.08	3.71	3.52	3.50	3.71	3.84	3.76	3.46	4.03	4.46	3.80	3.52	6.06	7.20	5.91	7.88	48.09	1.95	3.39	4.31	4.86	4.29	3.59
	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	-0.05	-0.85	-64.14	-27.96	0.00	-68.13	-46.07	0.00	0.00
GARDENVILLE___LBMP 24039	80.83	63.90	56.58	54.87	54.73	55.14	53.49	55.70	55.78	69.81	73.10	75.98	63.35	85.51	87.84	67.85	84.26	522.99	21.86	35.16	41.54	48.47	54.00	55.91
	3.29	1.63	-0.28	-0.61	-0.75	-0.52	-0.70	-0.66	0.02	1.18	1.08	2.05	2.17	3.27	2.83	1.00	0.33	1.79	-0.07	0.15	0.26	0.62	1.13	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.41	-1.96	0.00	-0.34	-0.01	0.00	0.00
GARDNVLA_35_KV_LD 355827	81.27	64.20	56.84	55.09	54.94	55.34	53.67	55.93	56.06	70.20	73.55	76.50	63.82	86.19	88.59	68.40	84.99	527.53	22.04	35.43	41.84	48.77	54.29	56.19
	3.73	1.93	-0.01	-0.38	-0.54	-0.32	-0.52	-0.43	0.30	1.57	1.53	2.56	2.64	3.96	3.56	1.55	1.06	6.18	0.10	0.43	0.55	0.92	1.42	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.58	-1.97	0.00	-0.34	-0.01	0.00	0.00
GELCKHM___115KV_LOAD 80723	77.02	61.66	55.99	54.57	54.50	54.76	53.38	55.58	55.03	67.95	71.24	73.40	61.05	82.43	85.28	67.02	84.13	490.83	19.96	35.13	41.58	47.91	52.70	55.48
	-0.52	-0.60	-0.87	-0.91	-0.98	-0.91	-0.81	-0.77	-0.73	-0.68	-0.77	-0.53	-0.14	0.20	0.26	0.17	0.20	-0.95	-0.01	0.12	0.13	0.07	-0.17	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	0.00	0.00	0.00
GENERAL___MILLS 23808	81.08	64.07	56.74	55.00	54.86	55.26	53.61	55.82	55.94	70.03	73.34	76.24	63.60	85.85	88.24	68.13	84.65	525.36	21.96	35.30	41.70	48.62	54.15	56.06
	3.54	1.80	-0.12	-0.48	-0.62	-0.40	-0.58	-0.54	0.18	1.40	1.32	2.31	2.41	3.62	3.22	1.28	0.72	4.05	0.02	0.29	0.41	0.77	1.28	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.53	-1.97	0.00	-0.34	-0.01	0.00	0.00
GE_PLASTICS___DRP 24183	77.49	62.34	57.21	55.94	55.95	56.01	54.65	56.82	56.06	68.92	72.53	74.22	61.87	83.55	86.73	68.34	86.78	485.10	34.10	35.67	71.84	42.88	53.30	56.05
	-0.06	0.08	0.36	0.46	0.47	0.35	0.46	0.46	0.31	0.30	0.51	0.28	0.68	1.32	1.72	1.63	1.97	12.04	0.43	0.66	0.75	0.86	0.43	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	-0.89	18.72	-13.70	0.00	-30.15	5.81	0.00	0.00
GILBOA___1 23756	78.71	63.48	58.37	57.15	57.08	57.27	55.89	57.96	57.01	70.23	73.99	75.92	63.36	85.62	88.46	68.72	72.69	396.63	17.59	34.77	47.79	51.94	54.39	57.08
	1.17	1.22	1.51	1.67	1.60	1.60	1.70	1.61	1.25	1.59	1.97	1.98	2.18	3.39	3.43	2.69	3.59	19.58	0.75	1.21	1.40	1.73	1.52	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	14.84	114.72	3.13	1.45	-5.45	-2.36	0.00	0.00
GILBOA___2 23757	78.71	63.48	58.37	57.15	57.08	57.27	55.89	57.96	57.01	70.23	73.99	75.92	63.36	85.62	88.46	68.72	72.69	396.63	17.59	34.77	47.79	51.94	54.39	57.08
	1.17	1.22	1.51	1.67	1.60	1.60	1.70	1.61	1.25	1.59	1.97	1.98	2.18	3.39	3.43	2.69	3.59	19.58	0.75	1.21	1.40	1.73	1.52	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	14.84	114.72	3.13	1.45	-5.45	-2.36	0.00	0.00
GILBOA___3 23758	78.71	63.48	58.37	57.15	57.08	57.27	55.89	57.96	57.01	70.23	73.99	75.92	63.36	85.62	88.46	68.72	72.69	396.63	17.59	34.77	47.79	51.94	54.39	57.08
	1.17	1.22	1.51	1.67	1.60	1.60	1.70	1.61	1.25	1.59	1.97	1.98	2.18	3.39	3.43	2.69	3.59	19.58	0.75	1.21	1.40	1.73	1.52	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	14.84	114.72	3.13	1.45	-5.45	-2.36	0.00	0.00
GILBOA___4 23759	78.71	63.48	58.37	57.15	57.08	57.27	55.89	57.96	57.01	70.23	73.99	75.92	63.36	85.62	88.46	68.72	72.69	396.63	17.59	34.77	47.79	51.94	54.39	57.08
	1.17	1.22	1.51	1.67	1.60	1.60	1.70	1.61	1.25	1.59	1.97	1.98	2.18	3.39	3.43	2.69	3.59	19.58	0.75	1.21	1.40	1.73	1.52	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	14.84	114.72	3.13	1.45	-5.45	-2.36	0.00	0.00

GILBOA____ 23599	78.71 1.17 0.00	63.48 1.22 0.00	58.37 1.51 0.00	57.15 1.67 0.00	57.08 1.60 0.00	57.27 1.61 0.00	55.89 1.70 0.00	57.96 1.61 0.00	57.01 1.25 0.00	70.22 1.59 0.00	74.00 1.98 0.00	75.92 1.99 0.00	63.36 2.18 0.00	85.62 3.39 0.00	88.46 3.43 0.00	68.72 2.69 0.82	72.69 3.60 14.84	396.67 19.62 114.72	17.59 0.75 3.13	34.77 1.21 1.45	47.79 1.40 -5.45	51.94 1.73 -2.36	54.39 1.51 0.00	57.09 1.01 0.00
GINNA____ 23603	76.35 -1.19 0.00	60.67 -1.60 0.00	54.43 -2.43 0.00	52.84 -2.64 0.00	52.74 -2.74 0.00	53.07 -2.60 0.00	51.65 -2.54 0.00	53.90 -2.46 0.00	53.78 -1.98 0.00	66.85 -1.78 0.00	70.17 -1.85 0.00	72.67 -1.27 0.00	60.62 -0.56 0.00	81.89 -0.34 0.00	84.50 -0.52 0.00	65.85 -1.00 0.00	82.05 -1.87 0.00	496.05 -11.92 -16.19	19.87 -0.55 -0.45	34.22 -0.78 0.00	39.99 -0.95 0.00	46.87 -0.97 0.00	51.81 -1.06 0.00	54.15 -1.92 0.00
GLEN PARK____ 23778	83.41 5.87 0.00	66.28 4.02 0.00	60.29 3.43 0.00	58.69 3.21 0.00	58.38 2.90 0.00	58.02 2.36 0.00	56.24 2.05 0.00	58.83 2.48 0.00	58.39 2.63 0.00	71.89 3.27 0.00	75.02 3.00 0.00	76.19 2.26 0.00	61.57 0.39 0.00	81.57 -0.66 0.00	83.67 -1.35 0.00	62.88 -1.13 2.83	83.61 -0.33 0.00	495.00 3.23 0.00	20.51 0.54 0.00	36.73 1.73 0.00	48.57 2.81 -4.81	51.74 3.90 0.00	56.75 3.88 0.00	59.80 3.72 0.00
GLENDALE_27_KV_LOAD 356172	80.29 2.74 0.00	64.57 2.31 0.00	59.69 2.83 0.00	58.58 3.11 0.00	58.23 2.76 0.00	58.48 2.81 0.00	57.30 3.11 0.00	60.18 3.82 0.00	59.77 4.01 0.00	73.56 4.93 0.00	78.19 6.17 0.00	80.27 6.33 0.00	67.89 6.70 0.00	91.81 9.58 0.00	95.30 10.28 0.00	95.22 8.40 -19.98	579.78 8.78 -487.07	3205.23 51.76 -2661.69	185.35 2.02 -163.36	60.56 3.44 -22.12	58.09 4.11 -13.03	58.08 4.45 -5.78	56.95 4.08 0.00	59.53 3.45 0.00
GLENWOOD_IC_1_G5 23712	87.53 3.05 -6.94	64.88 2.61 -0.01	61.95 3.38 -1.71	58.84 3.37 0.00	58.62 3.14 0.00	58.78 3.11 0.00	57.40 3.21 0.00	60.12 3.77 0.00	59.36 3.60 0.00	73.26 4.64 0.00	78.54 5.84 -0.68	83.64 6.14 -3.57	68.73 6.53 -1.01	92.06 9.39 -0.43	108.29 10.34 -12.94	165.24 8.27 -90.12	617.03 9.55 -523.55	3197.14 54.79 -2650.58	230.78 2.18 -208.63	116.29 3.65 -77.63	82.02 4.30 -36.77	68.90 4.58 -16.48	58.41 3.85 -1.70	60.20 3.28 -0.85
GLENWOOD_IC_2_G1 23688	80.58 3.03 0.00	64.81 2.54 0.00	61.52 2.95 -1.71	58.47 2.99 0.00	58.26 2.78 0.00	58.44 2.77 0.00	57.10 2.91 0.00	59.80 3.44 0.00	59.31 3.55 0.00	73.18 4.56 0.00	77.72 5.70 0.00	79.86 5.93 0.00	68.17 6.27 -0.71	91.44 8.99 -0.22	101.36 9.80 -6.54	122.89 7.91 -48.13	586.30 8.90 -493.47	3204.34 51.81 -2660.76	219.35 2.08 -197.30	108.05 3.49 -69.55	81.77 4.15 -36.68	62.58 4.46 -10.28	56.70 3.83 0.00	59.33 3.25 0.00
GLENWOOD_IC_3_G1 23689	80.58 3.03 0.00	64.81 2.54 0.00	61.52 2.95 -1.71	58.47 2.99 0.00	58.26 2.78 0.00	58.44 2.77 0.00	57.10 2.91 0.00	59.80 3.44 0.00	59.31 3.55 0.00	73.18 4.56 0.00	77.72 5.70 0.00	79.86 5.93 0.00	68.17 6.27 -0.71	91.44 8.99 -0.22	101.36 9.80 -6.54	122.89 7.91 -48.13	586.30 8.90 -493.47	3204.34 51.81 -2660.76	219.35 2.08 -197.30	108.05 3.49 -69.55	81.77 4.15 -36.68	62.58 4.46 -10.28	56.70 3.83 0.00	59.33 3.25 0.00
GLENWOOD____4 23550	87.73 3.25 -6.94	65.02 2.75 -0.01	61.95 3.38 -1.71	58.84 3.37 0.00	58.62 3.14 0.00	58.78 3.11 0.00	57.40 3.21 0.00	60.13 3.78 0.00	59.49 3.74 0.00	73.44 4.81 0.00	78.69 5.99 -0.68	83.82 6.31 -3.57	68.87 6.68 -1.01	92.24 9.58 -0.43	108.49 10.53 -12.94	165.42 8.44 -90.12	617.27 9.79 -523.55	3198.24 55.88 -2650.58	230.83 2.23 -208.63	116.38 3.75 -77.63	82.12 4.40 -36.77	69.02 4.69 -16.48	58.54 3.98 -1.70	60.32 3.40 -0.85
GLENWOOD____5 23614	87.73 3.25 -6.94	65.02 2.75 -0.01	61.95 3.38 -1.71	58.84 3.37 0.00	58.62 3.14 0.00	58.78 3.11 0.00	57.40 3.21 0.00	60.13 3.78 0.00	59.49 3.74 0.00	73.44 4.81 0.00	78.69 5.99 -0.68	83.82 6.31 -3.57	68.87 6.68 -1.01	92.24 9.58 -0.43	108.49 10.53 -12.94	165.42 8.44 -90.12	617.27 9.79 -523.55	3198.24 55.88 -2650.58	230.83 2.23 -208.63	116.38 3.75 -77.63	82.12 4.40 -36.77	69.02 4.69 -16.48	58.54 3.98 -1.70	60.32 3.40 -0.85
GLOBAL GREEN_PORT_GT1 23814	77.51 3.63 3.66	66.92 4.66 0.00	64.23 5.66 -1.71	61.20 5.72 0.00	61.13 5.65 0.00	61.43 5.76 0.00	60.04 5.86 0.00	63.21 6.85 0.00	61.71 5.95 0.00	76.25 7.62 0.00	82.35 8.64 -1.70	80.99 9.09 2.04	88.55 8.97 -18.39	109.99 11.57 -16.19	180.96 12.84 -83.10	215.33 9.67 -138.82	581.49 11.37 -486.20	3126.92 68.47 -2566.66	243.13 2.58 -220.58	161.02 4.79 -121.23	108.45 6.31 -61.20	71.13 6.47 -16.82	57.40 4.91 0.37	61.22 4.30 -0.84
GLOBE____DSASP 323697	78.25 0.71 0.00	62.10 -0.16 0.00	54.97 -1.88 0.00	53.27 -2.21 0.00	53.17 -2.31 0.00	53.51 -2.15 0.00	51.78 -2.41 0.00	53.88 -2.48 0.00	54.12 -1.64 0.00	67.69 -0.94 0.00	70.76 -1.26 0.00	73.40 -0.54 0.00	61.18 -0.01 0.00	81.97 -0.26 0.00	83.78 -1.24 0.00	64.57 -2.28 0.00	80.06 -3.87 0.00	495.18 -23.54 -26.94	20.63 -1.14 -1.79	33.22 -1.78 0.00	39.22 -2.03 -0.31	46.14 -1.71 -0.01	51.72 -1.15 0.00	54.10 -1.97 0.00
GOETHSLN____LBMP 323567	79.77 2.23 0.00	64.06 1.79 0.00	58.84 2.19 0.21	57.39 2.38 0.47	56.67 2.18 0.99	57.56 2.20 0.31	56.66 2.47 0.00	59.36 3.00 0.00	58.98 3.22 0.00	72.80 4.17 0.00	77.30 5.29 0.00	79.37 5.44 0.00	67.10 5.91 0.00	90.76 8.53 0.00	94.22 9.20 0.00	88.93 7.54 -14.55	571.18 8.05 -479.21	3201.18 47.41 -2661.99	185.18 1.84 -163.37	60.15 3.03 -22.12	57.65 3.67 -13.03	57.64 4.02 -5.78	56.34 3.47 0.01	58.96 2.89 0.00
GOLAH____69_KV_TB 1_2 80279	81.04 3.49 0.00	64.19 1.93 0.00	57.23 0.37 0.00	55.47 -0.01 0.00	55.34 -0.13 0.00	55.72 0.06 0.00	54.19 0.00 0.00	56.44 0.08 0.00	56.35 0.59 0.00	70.06 1.43 0.00	73.39 1.37 0.00	76.11 2.17 0.00	63.54 2.36 0.00	85.67 3.44 0.00	88.49 3.47 0.00	68.82 1.97 0.00	85.67 1.74 0.00	521.94 8.82 -21.34	21.71 0.32 -1.41	35.76 0.76 0.00	42.17 0.98 -0.24	49.27 1.42 0.00	54.59 1.72 0.00	56.96 0.88 0.00
GOODYEAR_LAKE_HYD 323669	80.74 3.19 0.00	64.76 2.50 0.00	59.02 2.16 0.00	57.60 2.12 0.00	57.48 2.00 0.00	57.78 2.11 0.00	56.38 2.19 0.00	58.62 2.26 0.00	58.01 2.25 0.00	71.57 2.94 0.00	75.41 3.40 0.00	77.65 3.72 0.00	64.69 3.51 0.00	87.20 4.97 0.00	90.12 5.10 0.00	70.98 3.94 -0.20	92.24 4.93 -3.39	630.80 27.94 -111.09	34.93 1.17 -13.78	37.43 2.09 -0.33	64.61 2.43 -21.24	63.39 2.74 -12.81	55.63 2.76 0.00	58.50 2.42 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	78.90 1.35 0.00	63.12 0.85 0.00	57.12 0.26 0.00	55.80 0.32 0.00	55.69 0.21 0.00	56.01 0.34 0.00	54.63 0.44 0.00	56.92 0.57 0.00	56.34 0.58 0.00	69.78 1.15 0.00	73.28 1.26 0.00	75.64 1.70 0.00	63.04 1.85 0.00	85.26 3.03 0.00	88.25 3.23 0.00	69.30 2.29 -0.16	89.47 2.65 -2.90	582.70 13.87 -77.05	26.14 0.58 -5.60	36.46 1.18 -0.28	45.71 1.48 -3.28	51.06 1.62 -1.60	54.38 1.51 0.00	56.79 0.71 0.00

GOUDEY___7 23579	78.90 1.35 0.00	63.12 0.85 0.00	57.12 0.26 0.00	55.80 0.32 0.00	55.69 0.21 0.00	56.01 0.34 0.00	54.63 0.44 0.00	56.92 0.57 0.00	56.34 0.58 0.00	69.78 1.15 0.00	73.28 1.26 0.00	75.64 1.70 0.00	63.04 1.85 0.00	85.26 3.03 0.00	88.25 3.23 0.00	69.30 2.29 -0.16	89.47 2.65 -2.90	582.70 13.87 -77.05	26.14 0.58 -5.60	36.46 1.18 -0.28	45.71 1.48 -3.28	51.06 1.62 -1.60	54.38 1.51 0.00	56.79 0.71 0.00
GOUDEY___8 23580	78.90 1.35 0.00	63.12 0.85 0.00	57.12 0.26 0.00	55.80 0.32 0.00	55.69 0.21 0.00	56.01 0.34 0.00	54.63 0.44 0.00	56.92 0.57 0.00	56.34 0.58 0.00	69.78 1.15 0.00	73.28 1.26 0.00	75.64 1.70 0.00	63.04 1.85 0.00	85.26 3.03 0.00	88.25 3.23 0.00	69.30 2.29 -0.16	89.47 2.65 -2.90	582.70 13.87 -77.05	26.14 0.58 -5.60	36.46 1.18 -0.28	45.71 1.48 -3.28	51.06 1.62 -1.60	54.38 1.51 0.00	56.79 0.71 0.00
GOWANUS_GT1_1 24077	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	105.71 8.22 -30.64	578.95 7.95 -487.07	3200.71 47.24 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GOWANUS_GT1_2 24078	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	105.71 8.22 -30.64	578.95 7.95 -487.07	3200.71 47.24 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GOWANUS_GT1_3 24079	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	105.71 8.22 -30.64	578.95 7.95 -487.07	3200.71 47.24 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GOWANUS_GT1_4 24080	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	105.71 8.22 -30.64	578.95 7.95 -487.07	3200.71 47.24 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GOWANUS_GT1_5 24084	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	105.71 8.22 -30.64	578.95 7.95 -487.07	3200.71 47.24 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GOWANUS_GT1_6 24111	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 																				

GOWANUS_GT2_6 24119	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.85 7.86 -487.06	3200.63 47.16 -2661.69	185.18 1.85 -163.36	60.31 3.19 -22.12	57.90 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
GOWANUS_GT2_7 24120	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.85 7.86 -487.06	3200.63 47.16 -2661.69	185.18 1.85 -163.36	60.31 3.19 -22.12	57.90 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
GOWANUS_GT2_8 24121	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.85 7.86 -487.06	3200.63 47.16 -2661.69	185.18 1.85 -163.36	60.31 3.19 -22.12	57.90 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
GOWANUS_GT3_1 24122	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.91 7.92 -487.06	3200.77 47.30 -2661.69	185.18 1.85 -163.36	60.31 3.19 -22.12	57.90 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
GOWANUS_GT3_2 24123	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.91 7.92 -487.06	3200.77 47.30 -2661.69	185.18 1.85 -163.36	60.31 3.19 -22.12	57.90 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
GOWANUS_GT3_3 24124	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.91 7.92 -487.06	3200.77 47.30 -2661.69	185.18 1.85 -163.36	60.31 3.19 -22.12	57.90 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
GOWANUS_GT3_4 24125	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.91 7.92 -487.06	3200.77 47.30 -2661.69	185.18 1.85 -163.36	60.31 3.19 -22.12	57.90 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
GOWANUS_GT3_5 24126	80.08 2.53 0.00	64.43 2.16 0.00																						

GOWANUS_GT4_5 24134	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	93.56 8.22 -18.49	578.95 7.95 -487.07	3200.67 47.20 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GOWANUS_GT4_6 24135	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	93.56 8.22 -18.49	578.95 7.95 -487.07	3200.67 47.20 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GOWANUS_GT4_7 24136	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	93.56 8.22 -18.49	578.95 7.95 -487.07	3200.67 47.20 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GOWANUS_GT4_8 24137	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	93.56 8.22 -18.49	578.95 7.95 -487.07	3200.67 47.20 -2661.69	185.18 1.85 -163.36	60.32 3.19 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GREATVRV_69_KV_BK1 356245	79.49 4.62 2.67	66.45 4.19 0.00	63.43 4.86 -1.71	60.12 4.65 0.00	59.82 4.34 0.00	59.96 4.29 0.00	58.40 4.21 0.00	61.30 4.95 0.00	60.84 5.08 0.00	75.07 6.44 0.00	86.69 7.45 -7.23	80.22 7.82 1.53	82.39 8.03 -13.18	106.25 11.31 -12.71	172.05 12.56 -74.47	195.20 9.32 -119.02	581.83 10.86 -487.04	3126.22 63.26 -2571.18	234.66 2.59 -212.09	148.53 4.78 -108.75	108.60 5.81 -61.84	80.68 6.15 -26.69	59.32 5.22 -1.22	65.25 4.84 -4.33
GREENBSH_115KV_TB3 55895	77.85 0.31 0.00	62.63 0.36 0.00	57.47 0.61 0.00	56.21 0.73 0.00	56.25 0.77 0.00	56.23 0.57 0.00	54.87 0.68 0.00	57.05 0.70 0.00	56.29 0.53 0.00	69.20 0.57 0.00	72.87 0.85 0.00	74.51 0.58 0.00	62.16 0.98 0.00	83.92 1.69 0.00	87.21 2.19 0.00	68.76 2.14 0.23	87.42 2.57 -0.93	501.83 16.49 6.44	36.93 0.60 -16.36	35.94 0.94 0.00	79.52 1.03 -37.54	31.45 1.19 17.57	53.57 0.70 0.00	56.31 0.23 0.00
GREENDGE_115KV_TB5 80291	79.84 2.30 0.00	63.59 1.32 0.00	57.05 0.19 0.00	55.57 0.09 0.00	55.46 -0.02 0.00	55.85 0.19 0.00	54.47 0.28 0.00	56.77 0.42 0.00	56.09 0.33 0.00	69.50 0.87 0.00	72.75 0.74 0.00	75.21 1.28 0.00	62.74 1.55 0.00	84.94 2.71 0.00	87.84 2.82 0.00	68.92 2.07 0.00	86.30 2.37 0.00	537.55 9.91 -35.86	22.99 0.65 -2.37	36.61 1.61 0.00	44.73 1.91 -1.87	50.65 1.90 -0.91	54.79 1.91 0.00	56.91 0.83 0.00
GREENIDGE___3 23582	79.84 2.30 0.00	63.59 1.32 0.00	57.05 0.19 0.00	55.57 0.09 0.00	55.46 -0.02 0.00	55.85 0.19 0.00	54.47 0.28 0.00	56.77 0.42 0.00	56.09 0.33 0.00	69.50 0.87 0.00	72.75 0.74 0.00	75.21 1.28 0.00	62.74 1.55 0.00	84.94 2.71 0.00	87.84 2.82 0.00	68.92 2.07 0.00	86.30 2.37 0.00	537.55 9.91 -35.86	22.99 0.65 -2.37	36.61 1.61 0.00	44.73 1.91 -1.87	50.65 1.90 -0.91	54.79 1.91 0.00	56.91 0.83 0.00
GREENIDGE___4 23583	79.84 2.29 0.00	63.58 1.32 0.00	57.06 0.19 0.00	55.57 0.09 0.00	55.46 -0.02 0.00	55.85 0.19 0.00	54.47 0.28 0.00	56.78 0.42 0.00	56.10 0.34 0.00	69.50 0.87 0.00	72.76 0.74 0.00	75.21 1.28 0.00	62.73 1.55 0.00	84.96 2.73 0.00	87.84 2.82 0.00	68.94 2.09 0.00	86.30 2.37 0.00	537.63 9.99 -35.86	22.99 0.65 -2.37	36.62 1.61 0.00	44.71 1.90 -1.87	50.65 1.90 -0.91	54.77 1.90 0.00	56.91 0.83 0.00
GREENLWN_69_KV_BK 3 55738	76.65 2.21 3.10	64.67 2.40 0.00	61.99 3.42 -1.71	58.80 3.32 0.00	58.55 3.07 0.00	58.67 3.01 0.00	57.05 2.87 0.00	59.72 3.37 0.00	59.10 3.34 0.00	72.61 3.99 0.00	75.16 4.61 1.47	77.17 4.99 1.76	48.08 5.79 18.90	70.82 8.09 19.50	10.79 9.25 83.48	45.46 7.07 28.46	568.46 8.27 -476.27	3106.13 46.71 -2567.65	170.26 1.98 -148.30	42.87 3.59 -4.28	64.61 4.35 -19.32	51.18 4.28 0.94	55.00 3.17 1.04	57.82 2.83 1.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	93.56 8.22 -18.49	578.96 7.96 -487.07	3200.96 47.49 -2661.69	185.18 1.85 -163.36	60.32 3.20 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00
GRISSOM___SOLAR 323813	82.20 4.65 0.00	65.81 3.55 0.00	60.14 3.28 0.00	58.54 3.06 0.00	58.60 3.12 0.00	58.83 3.17 0.00	57.37 3.18 0.00	59.15 2.79 0.00	57.96 2.21 0.00	71.04 2.41 0.00	74.54 2.52 0.00	76.46 2.53 0.00	63.38 2.20 0.00	85.36 3.13 0.00	88.58 3.56 0.00	69.60 2.72 -0.03	88.32 4.39 0.00	604.29 31.01 -81.51	49.68 1.39 -28.31	37.69 2.69 0.00	112.54 3.34 -68.26	93.65 3.85 -41.96	56.77 3.91 0.00	59.75 3.67 0.00
GROVEVILLE___HYD 323602	80.92 3.37 0.00	64.97 2.70 0.00	59.59 2.73 0.00	58.23 2.74 0.00	58.04 2.56 0.00	58.23 2.56 0.00	56.99 2.81 0.00	59.63 3.28 0.00	59.17 3.41 0.00	73.02 4.39 0.00	77.40 5.38 0.00	79.64 5.71 0.00	66.99 5.81 0.00	90.76 8.54 0.00	94.39 9.37 0.00	78.73 7.72 -4.16	170.29 8.94 -77.42	985.02 50.62 -442.62	68.82 1.99 -46.86	45.69 3.35 -7.34	53.00 3.95 -8.11	57.82 4.43 -5.55	56.91 4.04 0.00	59.42 3.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	77.31 -0.24 0.00	61.90 -0.37 0.00	56.18 -0.68 0.00	54.76 -0.72 0.00	54.68 -0.80 0.00	54.96 -0.71 0.00	53.60 -0.59 0.00	55.81 -0.54 0.00	55.23 -0.53 0.00	68.12 -0.51 0.00	71.45 -0.57 0.00	73.62 -0.31 0.00	61.21 0.03 0.00	82.65 0.42 0.00	85.59 0.57 0.00	67.27 0.42 0.00	84.48 0.55 0.00	506.63 0.98 -13.87	20.44 0.09 -0.38	35.32 0.32 0.00	41.75 0.35 -0.46	48.15 0.31 0.00	52.94 0.07 0.00	55.72 -0.35 0.00
HAMLTNNY_34_KV_TB 80303	78.55 1.00 0.00	62.80 0.53 0.00	56.81 -0.05 0.00	55.31 -0.17 0.00	55.16 -0.32 0.00	55.50 -0.17 0.00	54.12 -0.07 0.00	56.33 -0.02 0.00	55.75 0.00 0.00	68.86 0.23 0.00	72.29 0.27 0.00	74.55 0.61 0.00	62.10 0.92 0.00	83.85 1.62 0.00	86.74 1.72 0.00	68.03 1.18 0.00	85.15 1.22 0.00	511.71 4.89 -15.04	20.65 0.26 -0.42	35.67 0.66 0.00	42.13 0.78 -0.40	48.72 0.88 0.00	53.61 0.74 0.00	56.37 0.29 0.00

HAMPSHIRE___PAPER_HYD 323593	80.07 2.53 0.00	63.98 1.72 0.00	58.39 1.53 0.00	56.95 1.47 0.00	56.88 1.39 0.00	56.81 1.14 0.00	54.96 0.77 0.00	57.15 0.79 0.00	56.47 0.71 0.00	69.21 0.58 0.00	72.14 0.13 0.00	73.44 -0.49 0.00	59.60 -1.58 0.00	78.61 -3.62 0.00	80.70 -4.32 0.00	55.25 -3.35 8.25	80.60 -3.33 0.00	475.43 -16.35 0.00	19.53 -0.45 0.00	34.57 -0.44 0.00	53.70 -0.15 -12.90	48.29 0.44 0.00	53.87 1.00 0.00	57.75 1.67 0.00
HARDSCRABBLE_WT_PWR 323673	79.29 1.74 0.00	63.62 1.36 0.00	58.19 1.33 0.00	56.90 1.42 0.00	56.82 1.34 0.00	57.09 1.43 0.00	55.75 1.57 0.00	57.58 1.22 0.00	56.25 0.50 0.00	68.89 0.26 0.00	72.56 0.54 0.00	74.31 0.37 0.00	62.12 0.94 0.00	84.27 2.05 0.00	87.85 2.83 0.00	70.25 2.49 -0.91	87.99 4.06 0.00	516.46 24.68 0.00	21.10 1.13 0.00	36.89 1.88 0.00	43.73 2.39 -0.39	50.68 2.84 0.00	54.92 2.05 0.00	57.43 1.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	80.62 3.07 0.00	64.65 2.38 0.00	59.30 2.44 0.00	57.96 2.49 0.00	57.75 2.27 0.00	57.93 2.27 0.00	56.66 2.47 0.00	59.31 2.96 0.00	58.94 3.18 0.00	72.79 4.17 0.00	77.22 5.20 0.00	79.60 5.66 0.00	67.09 5.91 0.00	90.86 8.63 0.00	94.49 9.47 0.00	76.83 7.77 -2.21	124.51 8.85 -31.72	1405.87 51.70 -862.40	70.60 2.01 -48.61	43.36 3.35 -5.00	51.61 3.90 -6.76	57.34 4.26 -5.24	56.67 3.81 0.00	59.18 3.11 0.00
HARSNRAD_115KV_TB1 81005	79.50 1.96 0.00	62.83 0.57 0.00	55.58 -1.28 0.00	53.83 -1.65 0.00	53.72 -1.76 0.00	54.11 -1.56 0.00	52.37 -1.82 0.00	54.31 -2.04 0.00	54.42 -1.34 0.00	68.06 -0.57 0.00	71.11 -0.91 0.00	73.80 -0.13 0.00	61.55 0.37 0.00	82.87 0.64 0.00	85.06 0.04 0.00	65.61 -1.23 0.00	81.40 -2.53 0.00	503.25 -15.03 -26.50	20.98 -0.76 -1.76	33.90 -1.10 0.00	40.04 -1.21 -0.30	46.99 -0.85 -0.01	52.60 -0.27 0.00	54.78 -1.30 0.00
HARZA MOOSE___RIVER 24016	80.95 3.41 0.00	64.66 2.40 0.00	58.91 2.05 0.00	57.44 1.97 0.00	57.33 1.85 0.00	57.19 1.53 0.00	55.43 1.24 0.00	57.79 1.44 0.00	57.28 1.52 0.00	70.45 1.83 0.00	73.73 1.72 0.00	75.32 1.39 0.00	61.84 0.66 0.00	82.61 0.38 0.00	85.38 0.36 0.00	65.54 0.33 1.63	85.23 1.30 0.00	502.06 10.28 0.00	20.53 0.55 0.00	36.33 1.32 0.00	46.32 1.81 -3.57	50.19 2.35 0.00	55.18 2.30 0.00	58.31 2.24 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	77.20 -0.34 0.00	61.78 -0.49 0.00	56.09 -0.77 0.00	54.64 -0.84 0.00	54.59 -0.89 0.00	54.84 -0.83 0.00	53.46 -0.73 0.00	55.69 -0.66 0.00	55.14 -0.62 0.00	68.15 -0.48 0.00	71.49 -0.53 0.00	73.65 -0.29 0.00	61.32 0.13 0.00	82.82 0.60 0.00	85.68 0.66 0.00	67.32 0.47 0.00	84.46 0.53 0.00	492.62 0.84 0.00	20.03 0.06 0.00	35.23 0.23 0.00	41.71 0.25 -0.51	48.05 0.21 0.00	52.84 -0.03 0.00	55.56 -0.51 0.00
HELLGATE_13_KV_LD 55870	80.58 3.03 0.00	64.81 2.54 0.00	59.91 3.05 0.00	58.81 3.33 0.00	58.42 2.94 0.00	58.65 2.98 0.00	57.48 3.30 0.00	60.37 4.02 0.00	59.97 4.21 0.00	73.79 5.16 0.00	78.48 6.46 0.00	80.53 6.60 0.00	68.13 6.94 0.00	92.13 9.90 0.00	95.63 10.61 0.00	95.33 8.64 -19.84	582.30 9.11 -489.26	3207.14 53.67 -2661.69	185.44 2.11 -163.36	60.72 3.60 -22.12	58.26 4.27 -13.03	58.26 4.64 -5.78	57.16 4.29 0.00	59.73 3.66 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	80.58 3.03 0.00	64.81 2.54 0.00	59.91 3.05 0.00	58.81 3.33 0.00	58.42 2.94 0.00	58.65 2.98 0.00	57.48 3.30 0.00	60.37 4.02 0.00	59.97 4.21 0.00	73.79 5.16 0.00	78.48 6.46 0.00	80.53 6.60 0.00	68.13 6.94 0.00	92.13 9.90 0.00	95.63 10.61 0.00	95.33 8.64 -19.84	582.30 9.11 -489.26	3207.14 53.67 -2661.69	185.44 2.11 -163.36	60.72 3.60 -22.12	58.26 4.27 -13.03	58.26 4.64 -5.78	57.16 4.29 0.00	59.73 3.66 0.00
HEMPSTEAD____ 23647	89.62 2.94 -9.13	64.89 2.61 -0.01	61.81 3.24 -1.71	58.67 3.19 0.00	58.43 2.95 0.00	58.58 2.91 0.00	57.13 2.95 0.00	59.87 3.51 0.00	59.35 3.59 0.00	73.21 4.58 0.00	78.48 5.62 -0.84	84.23 5.87 -4.43	68.61 6.34 -1.08	91.67 8.96 -0.49	109.51 10.02 -14.47	162.82 7.91 -88.07	616.03 9.07 -523.03	3184.50 52.73 -2639.99	233.10 2.14 -210.99	118.20 3.66 -79.53	82.07 4.33 -36.79	70.87 4.58 -18.45	58.88 3.78 -2.23	60.45 3.26 -1.11
HICKLING___1 23621	80.01 2.47 0.00	63.74 1.48 0.00	57.11 0.25 0.00	55.78 0.30 0.00	55.64 0.17 0.00	56.08 0.42 0.00	54.65 0.46 0.00	57.02 0.66 0.00	56.35 0.59 0.00	70.15 1.52 0.00	73.62 1.60 0.00	76.31 2.37 0.00	63.62 2.44 0.00	86.20 3.97 0.00	89.28 4.26 0.00	69.80 2.95 0.00	87.19 3.26 0.00	554.05 15.76 -46.51	23.76 0.72 -3.07	36.59 1.58 0.00	45.45 2.09 -2.41	51.24 2.23 -1.17	55.12 2.25 0.00	57.08 1.00 0.00
HICKLING___2 23622	80.01 2.47 0.00	63.74 1.48 0.00	57.11 0.25 0.00	55.78 0.30 0.00	55.64 0.17 0.00	56.08 0.42 0.00	54.65 0.46 0.00	57.02 0.66 0.00	56.35 0.59 0.00	70.15 1.52 0.00	73.62 1.60 0.00	76.31 2.37 0.00	63.62 2.44 0.00	86.20 3.97 0.00	89.28 4.26 0.00	69.80 2.95 0.00	87.19 3.26 0.00	554.05 15.76 -46.51	23.76 0.72 -3.07	36.59 1.58 0.00	45.45 2.09 -2.41	51.24 2.23 -1.17	55.12 2.25 0.00	57.08 1.00 0.00
HIGH FALLS___HY 23754	81.40 3.85 0.00	65.22 2.96 0.00	59.77 2.91 0.00	58.38 2.90 0.00	58.16 2.68 0.00	58.38 2.72 0.00	57.16 2.98 0.00	59.87 3.52 0.00	59.45 3.69 0.00	73.36 4.73 0.00	77.74 5.72 0.00	80.06 6.12 0.00	67.42 6.23 0.00	91.36 9.13 0.00	95.12 10.10 0.00	78.29 8.17 -3.28	152.75 9.11 -59.71	979.33 53.66 -433.90	63.88 2.17 -41.74	44.44 3.61 -5.83	56.04 4.45 -10.65	55.79 4.86 -3.10	57.31 4.44 0.00	59.77 3.69 0.00
HIGH_RIVER___SOLAR 323847	80.84 3.29 0.00	64.90 2.63 0.00	59.28 2.42 0.00	57.79 2.32 0.00	57.75 2.27 0.00	58.00 2.33 0.00	56.53 2.34 0.00	58.37 2.02 0.00	57.19 1.43 0.00	69.87 1.24 0.00	73.22 1.20 0.00	75.05 1.12 0.00	62.31 1.13 0.00	84.12 1.90 0.00	87.28 2.26 0.00	68.60 1.72 -0.03	87.25 3.32 0.00	595.74 23.25 -80.72	50.66 1.05 -29.64	36.99 1.98 0.00	115.50 2.49 -72.07	95.01 2.85 -44.32	55.60 2.73 0.00	58.48 2.40 0.00
HILLBURN___GT 23639	80.05 2.51 0.00	64.23 1.96 0.00	58.98 2.12 0.00	57.69 2.22 0.00	57.48 2.00 0.00	57.65 1.98 0.00	56.40 2.21 0.00	59.06 2.71 0.00	58.69 2.94 0.00	72.46 3.83 0.00	76.82 4.81 0.00	79.19 5.25 0.00	66.79 5.60 0.00	90.39 8.16 0.00	93.96 8.94 0.00	76.16 7.35 -1.96	113.58 8.15 -21.50	1368.04 47.31 -828.96	68.98 1.86 -47.15	42.90 3.10 -4.80	51.33 3.66 -6.73	57.19 3.99 -5.36	56.37 3.49 0.00	58.90 2.82 0.00
HILLSIDE_115KV_TB1 80332	78.35 0.81 0.00	62.52 0.26 0.00	56.13 -0.73 0.00	54.89 -0.59 0.00	54.74 -0.73 0.00	55.16 -0.51 0.00	53.81 -0.38 0.00	56.13 -0.22 0.00	55.50 -0.26 0.00	69.12 0.49 0.00	72.57 0.56 0.00	75.20 1.26 0.00	62.69 1.51 0.00	84.93 2.70 0.00	87.99 2.97 0.00	68.76 1.91 0.00	85.88 1.95 0.00	547.98 7.88 -48.32	23.53 0.37 -3.20	35.95 0.94 0.00	44.81 1.36 -2.50	50.43 1.37 -1.21	54.13 1.26 0.00	56.11 0.03 0.00

HISHELDN_WT_PWR 323625	80.32 2.78 0.00	63.62 1.36 0.00	56.47 -0.38 0.00	54.82 -0.66 0.00	54.70 -0.78 0.00	55.10 -0.57 0.00	53.47 -0.71 0.00	55.57 -0.78 0.00	55.33 -0.42 0.00	69.05 0.42 0.00	72.32 0.30 0.00	75.06 1.12 0.00	62.56 1.38 0.00	84.47 2.24 0.00	86.97 1.95 0.00	67.50 0.65 0.00	83.84 -0.09 0.00	521.76 -1.84 -31.83	21.98 -0.11 -2.12	35.13 0.12 0.00	41.60 0.29 -0.37	48.43 0.58 -0.01	53.86 0.99 0.00	55.78 -0.30 0.00
HOLTSVILLE_IC_1 23690	76.34 2.51 3.71	64.98 2.71 0.00	62.22 3.65 -1.71	58.99 3.51 0.00	58.71 3.23 0.00	58.85 3.18 0.00	57.31 3.12 0.00	60.11 3.76 0.00	59.56 3.80 0.00	73.30 4.68 0.00	78.91 5.40 -1.49	77.51 5.64 2.06	83.05 6.13 -15.73	104.33 8.46 -13.64	165.84 9.63 -71.19	200.47 6.95 -126.67	576.54 7.49 -485.12	3102.75 44.75 -2566.22	237.05 1.86 -215.22	151.42 3.63 -112.79	104.19 4.50 -58.75	68.01 4.64 -15.53	56.09 3.66 0.44	60.02 3.23 -0.71
HOLTSVILLE_IC_10 23699	77.25 3.17 3.47	65.47 3.21 0.00	62.64 4.07 -1.71	59.37 3.90 0.00	59.09 3.61 0.00	59.23 3.56 0.00	57.68 3.49 0.00	60.54 4.19 0.00	60.04 4.28 0.00	73.98 5.35 0.00	80.56 6.13 -2.41	78.45 6.46 1.94	94.50 6.83 -26.48	115.59 9.41 -23.94	215.14 10.65 -119.47	250.06 7.41 -175.81	581.60 8.10 -489.57	3108.98 48.89 -2568.31	258.90 2.00 -236.93	185.92 3.98 -146.93	114.71 5.00 -68.77	73.97 5.20 -20.93	56.95 4.24 0.15	61.15 3.78 -1.30
HOLTSVILLE_IC_2 23691	76.34 2.51 3.71	64.98 2.71 0.00	62.22 3.65 -1.71	58.99 3.51 0.00	58.71 3.23 0.00	58.85 3.18 0.00	57.31 3.12 0.00	60.11 3.76 0.00	59.56 3.80 0.00	73.30 4.68 0.00	78.91 5.40 -1.49	77.51 5.64 2.06	83.05 6.13 -15.73	104.33 8.46 -13.64	165.84 9.63 -71.19	200.47 6.95 -126.67	576.54 7.49 -485.12	3102.75 44.75 -2566.22	237.05 1.86 -215.22	151.42 3.63 -112.79	104.19 4.50 -58.75	68.01 4.64 -15.53	56.09 3.66 0.44	60.02 3.23 -0.71
HOLTSVILLE_IC_3 23692	76.34 2.51 3.71	64.98 2.71 0.00	62.22 3.65 -1.71	58.99 3.51 0.00	58.71 3.23 0.00	58.85 3.18 0.00	57.31 3.12 0.00	60.11 3.76 0.00	59.56 3.80 0.00	73.30 4.68 0.00	78.91 5.40 -1.49	77.51 5.64 2.06	83.05 6.13 -15.73	104.33 8.46 -13.64	165.84 9.63 -71.19	200.47 6.95 -126.67	576.54 7.49 -485.12	3102.75 44.75 -2566.22	237.05 1.86 -215.22	151.42 3.63 -112.79	104.19 4.50 -58.75	68.01 4.64 -15.53	56.09 3.66 0.44	60.02 3.23 -0.71
HOLTSVILLE_IC_4 23693	76.34 2.51 3.71	64.98 2.71 0.00	62.22 3.65 -1.71	58.99 3.51 0.00	58.71 3.23 0.00	58.85 3.18 0.00	57.31 3.12 0.00	60.11 3.76 0.00	59.56 3.80 0.00	73.30 4.68 0.00	78.91 5.40 -1.49	77.51 5.64 2.06	83.05 6.13 -15.73	104.33 8.46 -13.64	165.84 9.63 -71.19	200.47 6.95 -126.67	576.54 7.49 -485.12	3102.75 44.75 -2566.22	237.05 1.86 -215.22	151.42 3.63 -112.79	104.19 4.50 -58.75	68.01 4.64 -15.53	56.09 3.66 0.44	60.02 3.23 -0.71
HOLTSVILLE_IC_5 23694	76.34 2.51 3.71	64.98 2.71 0.00	62.22 3.65 -1.71	58.99 3.51 0.00	58.71 3.23 0.00	58.85 3.18 0.00	57.31 3.12 0.00	60.11 3.76 0.00	59.56 3.80 0.00	73.30 4.68 0.00	78.91 5.40 -1.49	77.51 5.64 2.06	83.05 6.13 -15.73	104.33 8.46 -13.64	165.84 9.63 -71.19	200.47 6.95 -126.67	576.54 7.49 -485.12	3102.75 44.75 -2566.22	237.05 1.86 -215.22	151.42 3.63 -112.79	104.19 4.50 -58.75	68.01 4.64 -15.53	56.09 3.66 0.44	60.02 3.23 -0.71
HOLTSVILLE_IC_6 23695	77.25 3.17 3.47	65.47 3.21 0.00	62.64 4.07 -1.71	59.37 3.90 0.00	59.09 3.61 0.00	59.23 3.56 0.00	57.68 3.49 0.00	60.54 4.19 0.00	60.04 4.28 0.00	73.98 5.35 0.00	80.56 6.13 -2.41	78.45 6.46 1.94	94.50 6.83 -26.48	115.59 9.41 -23.94	215.14 10.65 -119.47	250.06 7.41 -175.81	581.60 8.10 -489.57	3108.98 48.89 -2568.31	258.90 2.00 -236.93	185.92 3.98 -146.93	114.71 5.00 -68.77	73.97 5.20 -20.93	56.95 4.24 0.15	61.15 3.78 -1.30
HOLTSVILLE_IC_7 23696	77.25 3.17 3.47	65.47 3.21 0.00	62.64 4.07 -1.71	59.37 3.90 0.00	59.09 3.61 0.00	59.23 3.56 0.00	57.68 3.49 0.00	60.54 4.19 0.00	60.04 4.28 0.00	73.98 5.35 0.00	80.56 6.13 -2.41	78.45 6.46 1.94	94.50 6.83 -26.48	115.59 9.41 -23.94	215.14 10.65 -119.47	250.06 7.41 -175.81	581.60 8.10 -489.57	3108.98 48.89 -2568.31	258.90 2.00 -236.93	185.92 3.98 -146.93	114.71 5.00 -68.77	73.97 5.20 -20.93	56.95 4.24 0.15	61.15 3.78 -1.30
HOLTSVILLE_IC_8 23697	77.25 3.17 3.47	65.47 3.21 0.00	62.64 4.07 -1.71	59.37 3.90 0.00	59.09 3.61 0.00	59.23 3.56 0.00	57.68 3.49 0.00	60.54 4.19 0.00	60.04 4.28 0.00	73.98 5.35 0.00	80.56 6.13 -2.41	78.45 6.46 1.94	94.50 6.83 -26.48	115.59 9.41 -23.94	215.14 10.65 -119.47	250.06 7.41 -175.81	581.60 8.10 -489.57	3108.98 48.89 -2568.31	258.90 2.00 -236.93	185.92 3.98 -146.93	114.71 5.00 -68.77	73.97 5.20 -20.93	56.95 4.24 0.15	61.15 3.78 -1.30
HOLTSVILLE_IC_9 23698	77.25 3.17 3.47	65.47 3.21 0.00	62.64 4.07 -1.71	59.37 3.90 0.00	59.09 3.61 0.00	59.23 3.56 0.00	57.68 3.49 0.00	60.54 4.19 0.00	60.04 4.28 0.00	73.98 5.35 0.00	80.56 6.13 -2.41	78.45 6.46 1.94	94.50 6.83 -26.48	115.59 9.41 -23.94	215.14 10.65 -119.47	250.06 7.41 -175.81	581.60 8.10 -489.57	3108.98 48.89 -2568.31	258.90 2.00 -236.93	185.92 3.98 -146.93	114.71 5.00 -68.77	73.97 5.20 -20.93	56.95 4.24 0.15	61.15 3.78 -1.30
HOMER_HL_115KV_TB2 355744	79.35 1.81 0.00	62.89 0.62 0.00	55.97 -0.89 0.00	54.46 -1.01 0.00	54.34 -1.14 0.00	54.73 -0.94 0.00	53.32 -0.87 0.00	55.81 -0.54 0.00	55.74 -0.02 0.00	69.73 1.10 0.00	72.85 0.83 0.00	75.74 1.81 0.00	62.87 1.69 0.00	85.04 2.81 0.00	87.58 2.56 0.00	67.91 1.06 0.00	84.45 0.52 0.00	528.14 2.87 -33.49	22.25 0.04 -2.23	35.52 0.51 0.00	42.15 0.81 -0.39	48.88 1.03 -0.01	54.31 1.44 0.00	55.95 -0.13 0.00
HOWARD_WT_PWR 323690	81.26 3.72 0.00	64.59 2.32 0.00	57.58 0.71 0.00	56.07 0.59 0.00	55.94 0.46 0.00	56.38 0.72 0.00	54.92 0.73 0.00	57.10 0.75 0.00	56.24 0.48 0.00	69.89 1.26 0.00	73.15 1.14 0.00	75.77 1.83 0.00	63.18 2.00 0.00	85.55 3.32 0.00	88.39 3.38 0.00	69.20 2.35 0.00	86.10 2.17 0.00	539.57 9.55 -38.25	23.02 0.53 -2.52	36.40 1.39 0.00	44.94 2.01 -1.98	51.06 2.26 -0.96	55.48 2.61 0.00	57.32 1.24 0.00
HQ_GEN_CEDARS 23644	77.95 0.40 0.00	62.61 0.35 0.00	57.24 0.38 0.00	55.90 0.42 0.00	55.99 0.51 0.00	56.27 0.60 0.00	54.57 0.38 0.00	56.60 0.25 0.00	55.98 0.22 0.00	68.61 -0.02 0.00	71.53 -0.48 0.00	73.08 -0.86 0.00	59.58 -1.61 0.00	78.46 -3.77 0.00	80.50 -4.52 0.00	48.34 -3.69 14.82	79.72 -4.21 0.00	469.74 -22.04 0.00	19.13 -0.84 0.00	33.52 -1.48 0.00	35.97 -1.72 3.26	46.12 -1.72 0.00	52.04 -0.83 0.00	56.52 0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	77.96 0.41 0.00	62.61 0.35 0.00	57.24 0.38 0.00	55.90 0.42 0.00	55.99 0.51 0.00	56.27 0.60 0.00	54.37 0.38 0.19	53.26 0.25 3.34	55.98 0.22 0.00	68.61 -0.02 0.00	71.53 -0.48 0.00	73.08 -0.85 0.00	59.58 -1.60 0.00	78.46 -3.77 0.00	47.81 -4.52 32.69	39.72 -3.69 23.43	19.31 -4.21 60.40	341.03 -22.20 128.55	15.28 -0.84 3.85	25.40 -1.48 8.13	27.34 -1.72 11.88	33.04 -1.72 13.08	52.05 -0.83 0.00	60.15 0.44 -3.63

HQ_GEN_IMPORT 323601	77.30 -0.25 0.00	62.11 -0.15 0.00	54.28 -0.12 2.46	55.31 -0.12 0.05	55.44 -0.04 0.00	55.62 -0.05 0.00	54.00 -0.18 0.00	59.03 -0.27 -2.94	55.52 -0.24 0.00	68.21 -0.42 0.00	71.35 -0.67 0.00	73.19 -0.75 0.00	56.77 -1.25 3.16	79.92 -2.31 0.00	82.35 -2.67 0.00	45.29 -2.23 19.33	19.69 -2.70 61.55	346.42 -14.51 130.84	15.49 -0.58 3.90	25.74 -1.03 8.24	30.12 -1.22 9.61	33.32 -1.33 13.19	39.03 -0.84 13.00	59.44 -0.15 -3.51
HQ_GEN_WHEEL 23651	77.30 -0.25 0.00	62.11 -0.15 0.00	54.28 -0.12 2.46	55.31 -0.12 0.05	55.44 -0.04 0.00	55.62 -0.05 0.00	54.00 -0.18 0.00	59.03 -0.27 -2.94	55.52 -0.24 0.00	68.21 -0.42 0.00	71.35 -0.67 0.00	73.19 -0.75 0.00	56.77 -1.25 3.16	79.92 -2.31 0.00	82.35 -2.67 0.00	45.29 -2.23 19.33	19.69 -2.70 61.55	346.42 -14.51 130.84	15.49 -0.58 3.90	25.74 -1.03 8.24	30.12 -1.22 9.61	33.32 -1.33 13.19	39.03 -0.84 13.00	59.44 -0.15 -3.51
HUDSON AVE_GT_3 23810	80.47 2.93 0.00	64.62 2.35 0.00	59.57 2.71 0.00	58.36 2.88 0.00	58.18 2.70 0.00	58.35 2.68 0.00	57.13 2.95 0.00	59.89 3.54 0.00	59.53 3.77 0.00	73.49 4.86 0.00	78.03 6.01 0.00	80.08 6.14 0.00	67.69 6.50 0.00	91.60 9.37 0.00	95.04 10.02 0.00	92.90 8.17 -17.89	584.21 8.98 -491.31	3206.30 52.53 -2661.99	185.39 2.05 -163.37	60.51 3.39 -22.12	58.06 4.08 -13.03	58.09 4.47 -5.78	56.88 4.01 0.00	59.48 3.41 0.00
HUDSON AVE_GT_4 23540	80.47 2.93 0.00	64.62 2.35 0.00	59.57 2.71 0.00	58.36 2.88 0.00	58.18 2.70 0.00	58.35 2.68 0.00	57.13 2.95 0.00	59.89 3.54 0.00	59.53 3.77 0.00	73.49 4.86 0.00	78.03 6.01 0.00	80.08 6.14 0.00	67.69 6.50 0.00	91.60 9.37 0.00	95.04 10.02 0.00	92.90 8.17 -17.89	584.21 8.98 -491.31	3206.30 52.53 -2661.99	185.39 2.05 -163.37	60.51 3.39 -22.12	58.06 4.08 -13.03	58.09 4.47 -5.78	56.88 4.01 0.00	59.48 3.41 0.00
HUDSON AVE_GT_5 23657	80.47 2.93 0.00	64.62 2.35 0.00	59.57 2.71 0.00	58.36 2.88 0.00	58.18 2.70 0.00	58.35 2.68 0.00	57.13 2.95 0.00	59.89 3.54 0.00	59.53 3.77 0.00	73.49 4.86 0.00	78.03 6.01 0.00	80.08 6.14 0.00	67.69 6.50 0.00	91.60 9.37 0.00	95.04 10.02 0.00	92.90 8.17 -17.89	584.21 8.98 -491.31	3206.30 52.53 -2661.99	185.39 2.05 -163.37	60.51 3.39 -22.12	58.06 4.08 -13.03	58.09 4.47 -5.78	56.88 4.01 0.00	59.48 3.41 0.00
HUDSON_AVE_10 24168	80.19 2.65 0.00	64.43 2.16 0.00	59.41 2.55 0.00	58.22 2.74 0.00	58.02 2.54 0.00	58.18 2.51 0.00	56.99 2.80 0.00	59.75 3.39 0.00	59.36 3.60 0.00	73.22 4.59 0.00	77.73 5.72 0.00	79.78 5.84 0.00	67.49 6.27 -0.04	91.98 9.06 -0.70	95.45 9.69 -0.74	94.71 7.94 -19.93	595.58 8.65 -503.01	3260.67 50.68 -2718.21	188.34 1.97 -166.40	60.64 3.29 -22.35	57.93 3.95 -13.03	57.95 4.33 -5.78	56.75 3.89 0.00	59.33 3.25 0.00
HUDSON___115KV_TB 4 355613	79.62 2.08 0.00	63.98 1.71 0.00	58.60 1.74 0.00	57.26 1.78 0.00	57.25 1.78 0.00	57.31 1.65 0.00	55.86 1.67 0.00	57.86 1.51 0.00	56.89 1.13 0.00	69.63 1.00 0.00	73.09 1.07 0.00	74.71 0.78 0.00	62.33 1.14 0.00	84.25 2.02 0.00	87.77 2.75 0.00	69.69 2.59 -0.25	96.11 3.74 -8.44	552.70 23.67 -37.26	39.18 0.94 -18.27	37.62 1.88 -0.74	74.10 2.13 -31.03	40.57 2.50 9.77	54.86 1.99 0.00	57.52 1.45 0.00
HUNTER MOUNT___DRP 323613	79.84 2.30 0.00	64.11 1.85 0.00	58.71 1.85 0.00	57.35 1.87 0.00	57.36 1.88 0.00	57.42 1.76 0.00	55.98 1.80 0.00	58.05 1.69 0.00	57.05 1.30 0.00	69.80 1.17 0.00	73.22 1.20 0.00	74.85 0.91 0.00	62.39 1.20 0.00	84.38 2.15 0.00	87.88 2.86 0.00	70.30 2.72 -0.73	104.61 4.32 -16.37	605.57 25.06 -88.74	42.20 0.98 -21.24	38.60 2.08 -1.51	70.02 2.29 -26.78	44.59 2.77 6.02	55.08 2.21 0.00	57.71 1.63 0.00
HUNTINGTON_RES_REC 323705	76.89 2.81 3.47	65.13 2.87 0.00	62.40 3.83 -1.71	59.15 3.67 0.00	58.88 3.40 0.00	58.99 3.33 0.00	57.39 3.20 0.00	60.13 3.78 0.00	59.67 3.91 0.00	73.44 4.81 0.00	75.97 5.51 1.56	77.95 5.94 1.93	199.92 6.54 -132.19	213.09 8.98 -121.89	657.15 10.27 -561.86	723.98 7.69 -649.44	615.93 8.71 -523.30	3116.37 51.44 -2573.15	466.87 2.14 -444.76	512.63 3.99 -473.64	196.27 4.85 -150.47	99.70 4.92 -46.94	55.60 3.87 1.14	58.41 3.48 1.14
HUNTLEY___63 23557	80.61 3.06 0.00	63.75 1.49 0.00	56.37 -0.49 0.00	54.59 -0.89 0.00	54.45 -1.03 0.00	54.85 -0.82 0.00	53.13 -1.06 0.00	55.26 -1.10 0.00	55.43 -0.33 0.00	69.42 0.80 0.00	72.72 0.71 0.00	75.52 1.59 0.00	62.95 1.77 0.00	84.81 2.58 0.00	87.02 2.00 0.00	67.14 0.29 0.00	83.29 -0.63 0.00	516.15 -3.18 -27.56	21.50 -0.30 -1.83	34.70 -0.30 0.00	40.93 -0.34 -0.32	47.90 0.05 -0.01	53.48 0.62 0.00	55.70 -0.38 0.00
HUNTLEY___64 23558	80.61 3.06 0.00	63.75 1.49 0.00	56.37 -0.49 0.00	54.59 -0.89 0.00	54.45 -1.03 0.00	54.85 -0.82 0.00	53.13 -1.06 0.00	55.26 -1.10 0.00	55.43 -0.33 0.00	69.42 0.80 0.00	72.72 0.71 0.00	75.52 1.59 0.00	62.95 1.77 0.00	84.81 2.58 0.00	87.02 2.00 0.00	67.14 0.29 0.00	83.29 -0.63 0.00	516.15 -3.18 -27.56	21.50 -0.30 -1.83	34.70 -0.30 0.00	40.93 -0.34 -0.32	47.90 0.05 -0.01	53.48 0.62 0.00	55.70 -0.38 0.00
HUNTLEY___65 23559	80.61 3.06 0.00	63.75 1.49 0.00	56.37 -0.49 0.00	54.59 -0.89 0.00	54.45 -1.03 0.00	54.85 -0.82 0.00	53.13 -1.06 0.00	55.26 -1.10 0.00	55.43 -0.33 0.00	69.42 0.80 0.00	72.72 0.71 0.00	75.52 1.59 0.00	62.95 1.77 0.00	84.81 2.58 0.00	87.02 2.00 0.00	67.14 0.29 0.00	83.29 -0.63 0.00	516.15 -3.18 -27.56	21.50 -0.30 -1.83	34.70 -0.30 0.00	40.93 -0.34 -0.32	47.90 0.05 -0.01	53.48 0.62 0.00	55.70 -0.38 0.00
HUNTLEY___66 23560	80.61 3.06 0.00	63.75 1.49 0.00	56.37 -0.49 0.00	54.59 -0.89 0.00	54.45 -1.03 0.00	54.85 -0.82 0.00	53.13 -1.06 0.00	55.26 -1.10 0.00	55.43 -0.33 0.00	69.42 0.80 0.00	72.72 0.71 0.00	75.52 1.59 0.00	62.95 1.77 0.00	84.81 2.58 0.00	87.02 2.00 0.00	67.14 0.29 0.00	83.29 -0.63 0.00	516.15 -3.18 -27.56	21.50 -0.30 -1.83	34.70 -0.30 0.00	40.93 -0.34 -0.32	47.90 0.05 -0.01	53.48 0.62 0.00	55.70 -0.38 0.00
HUNTLEY___67 23561	80.11 2.57 0.00	63.31 1.05 0.00	56.07 -0.79 0.00	54.33 -1.15 0.00	54.21 -1.27 0.00	54.59 -1.08 0.00	52.90 -1.29 0.00	55.07 -1.29 0.00	55.22 -0.54 0.00	69.08 0.45 0.00	72.27 0.26 0.00	75.08 1.15 0.00	62.60 1.42 0.00	84.38 2.15 0.00	86.56 1.54 0.00	66.79 -0.06 0.00	82.90 -1.03 0.00	513.63 -6.32 -28.17	21.43 -0.42 -1.87	34.51 -0.49 0.00	40.76 -0.51 -0.33	47.69 -0.16 -0.01	53.27 0.40 0.00	55.29 -0.79 0.00
HUNTLEY___68 23562	80.11 2.57 0.00	63.31 1.05 0.00	56.07 -0.79 0.00	54.33 -1.15 0.00	54.21 -1.27 0.00	54.59 -1.08 0.00	52.90 -1.29 0.00	55.07 -1.29 0.00	55.22 -0.54 0.00	69.08 0.45 0.00	72.27 0.26 0.00	75.08 1.15 0.00	62.60 1.42 0.00	84.38 2.15 0.00	86.56 1.54 0.00	66.79 -0.06 0.00	82.90 -1.03 0.00	513.63 -6.32 -28.17	21.43 -0.42 -1.87	34.51 -0.49 0.00	40.76 -0.51 -0.33	47.69 -0.16 -0.01	53.27 0.40 0.00	55.29 -0.79 0.00



HYLAND___LFGE 323620	82.80 5.26 0.00	65.47 3.20 0.00	58.35 1.49 0.00	56.66 1.18 0.00	56.55 1.07 0.00	57.06 1.40 0.00	55.73 1.54 0.00	57.90 1.55 0.00	56.49 0.73 0.00	69.10 0.47 0.00	72.32 0.30 0.00	72.66 -1.28 0.00	58.80 -2.38 0.00	78.62 -3.61 0.00	81.07 -3.95 0.00	65.01 -1.84 0.00	81.62 -2.31 0.00	501.64 -20.80 -30.66	21.80 -0.22 -2.04	35.05 0.04 0.00	41.88 0.58 -0.36	48.97 1.13 -0.01	57.85 4.98 0.00	58.69 2.61 0.00
INDECK___CORINTH 23802	81.68 4.14 0.00	65.42 3.15 0.00	59.73 2.87 0.00	58.18 2.70 0.00	58.15 2.67 0.00	58.53 2.87 0.00	57.22 3.03 0.00	59.31 2.96 0.00	58.46 2.70 0.00	71.79 3.17 0.00	75.57 3.55 0.00	76.70 2.77 0.00	63.87 2.68 0.00	87.08 4.85 0.00	90.94 5.92 0.00	71.79 4.89 -0.05	91.40 6.62 -0.84	599.42 40.68 -66.97	49.96 1.64 -28.35	37.83 2.83 0.00	113.77 3.69 -69.13	98.05 4.17 -46.05	56.43 3.56 0.00	58.87 2.79 0.00
INDECK___ILION 23567	78.66 1.11 0.00	63.13 0.86 0.00	57.72 0.86 0.00	56.37 0.90 0.00	56.31 0.83 0.00	56.54 0.88 0.00	55.15 0.96 0.00	57.16 0.80 0.00	56.17 0.41 0.00	68.97 0.34 0.00	72.55 0.53 0.00	74.39 0.46 0.00	61.98 0.80 0.00	83.81 1.58 0.00	87.11 2.09 0.00	69.60 1.85 -0.91	86.75 2.82 0.00	508.70 16.93 0.00	20.72 0.75 0.00	36.26 1.26 0.00	42.91 1.57 -0.39	49.68 1.84 0.00	54.23 1.35 0.00	56.95 0.88 0.00
INDECK___OLEAN 23982	79.34 1.79 0.00	62.88 0.62 0.00	55.98 -0.87 0.00	54.46 -1.01 0.00	54.33 -1.15 0.00	54.72 -0.94 0.00	53.31 -0.88 0.00	55.81 -0.54 0.00	55.74 -0.02 0.00	69.72 1.09 0.00	72.86 0.85 0.00	75.74 1.81 0.00	62.87 1.69 0.00	85.05 2.82 0.00	87.58 2.56 0.00	67.96 1.11 0.00	84.56 0.63 0.00	528.49 3.21 -33.49	22.25 0.05 -2.23	35.53 0.52 0.00	42.15 0.81 -0.39	48.89 1.04 -0.01	54.30 1.43 0.00	55.95 -0.13 0.00
INDECK___OSWEGO 23783	75.51 -2.03 0.00	60.46 -1.80 0.00	55.01 -1.85 0.00	53.63 -1.85 0.00	53.56 -1.92 0.00	53.73 -1.94 0.00	52.35 -1.83 0.00	54.52 -1.84 0.00	53.97 -1.79 0.00	66.57 -2.06 0.00	69.70 -2.32 0.00	71.66 -2.27 0.00	59.49 -1.70 0.00	80.16 -2.07 0.00	82.91 -2.11 0.00	65.16 -1.69 0.00	81.81 -2.11 0.00	476.65 -15.12 0.00	19.44 -0.53 0.00	34.30 -0.70 0.00	40.94 -0.81 -0.80	46.88 -0.96 0.00	51.58 -1.29 0.00	54.42 -1.66 0.00
INDECK___YERKES 23781	80.59 3.05 0.00	63.77 1.50 0.00	56.37 -0.49 0.00	54.60 -0.88 0.00	54.46 -1.01 0.00	54.86 -0.81 0.00	53.13 -1.06 0.00	55.27 -1.09 0.00	55.44 -0.32 0.00	69.44 0.81 0.00	72.76 0.74 0.00	75.55 1.61 0.00	62.97 1.78 0.00	84.83 2.60 0.00	87.06 2.04 0.00	67.21 0.36 0.00	83.44 -0.49 0.00	517.06 -2.27 -27.56	21.52 -0.28 -1.83	34.74 -0.26 0.00	40.96 -0.30 -0.32	47.93 0.08 -0.01	53.51 0.64 0.00	55.72 -0.36 0.00
INDIAN POINT_GT_1 24139	79.99 2.44 0.00	64.25 1.98 0.00	59.08 2.22 0.00	57.80 2.33 0.00	57.60 2.13 0.00	57.78 2.11 0.00	56.53 2.34 0.00	59.17 2.81 0.00	58.75 2.99 0.00	72.46 3.83 0.00	76.86 4.85 0.00	79.02 5.08 0.00	66.61 5.43 0.00	90.17 7.94 0.00	93.67 8.65 0.00	89.09 7.14 -15.11	500.92 7.99 -409.01	2918.62 46.56 -2380.28	165.04 1.83 -143.25	57.13 3.03 -19.09	56.46 3.59 -11.93	57.45 3.90 -5.71	56.28 3.40 0.00	58.84 2.76 0.00
INDIAN POINT_GT_2 23659	79.99 2.44 0.00	64.25 1.98 0.00	59.08 2.22 0.00	57.80 2.33 0.00	57.60 2.13 0.00	57.78 2.11 0.00	56.53 2.34 0.00	59.17 2.81 0.00	58.75 2.99 0.00	72.46 3.83 0.00	76.86 4.85 0.00	79.02 5.08 0.00	66.61 5.43 0.00	90.17 7.94 0.00	93.67 8.65 0.00	89.09 7.14 -15.11	500.92 7.99 -409.01	2918.62 46.56 -2380.28	165.04 1.83 -143.25	57.13 3.03 -19.09	56.46 3.59 -11.93	57.45 3.90 -5.71	56.28 3.40 0.00	58.84 2.76 0.00
INDIAN POINT_GT_3 24019	79.99 2.44 0.00	64.25 1.98 0.00	59.08 2.22 0.00	57.80 2.33 0.00	57.60 2.13 0.00	57.78 2.11 0.00	56.53 2.34 0.00	59.17 2.81 0.00	58.75 2.99 0.00	72.46 3.83 0.00	76.86 4.85 0.00	79.02 5.08 0.00	66.61 5.43 0.00	90.17 7.94 0.00	93.67 8.65 0.00	89.09 7.14 -15.11	500.92 7.99 -409.01	2918.62 46.56 -2380.28	165.04 1.83 -143.25	57.13 3.03 -19.09	56.46 3.59 -11.93	57.45 3.90 -5.71	56.28 3.40 0.00	58.84 2.76 0.00
INDIAN POINT___2 23530	79.87 2.33 0.00	64.14 1.87 0.00	58.98 2.12 0.00	57.70 2.23 0.00	57.51 2.03 0.00	57.67 2.00 0.00	56.42 2.23 0.00	59.06 2.71 0.00	58.65 2.89 0.00	72.37 3.74 0.00	76.74 4.73 0.00	78.94 5.00 0.00	66.54 5.35 0.00	90.06 7.83 0.00	93.58 8.56 0.00	82.40 7.03 -8.52	304.56 7.81 -212.83	2110.93 45.86 -1573.29	117.04 1.80 -95.27	49.94 2.98 -11.96	53.81 3.53 -9.34	57.26 3.84 -5.57	56.21 3.34 0.00	58.76 2.68 0.00
INDIAN POINT___3 23531	79.83 2.29 0.00	64.13 1.86 0.00	58.96 2.10 0.00	57.69 2.21 0.00	57.49 2.01 0.00	57.67 2.00 0.00	56.41 2.22 0.00	59.05 2.69 0.00	58.62 2.86 0.00	72.32 3.69 0.00	76.68 4.66 0.00	78.83 4.90 0.00	66.44 5.25 0.00	89.93 7.70 0.00	93.45 8.43 0.00	96.14 6.94 -22.36	718.58 7.74 -626.91	3732.58 45.23 -3195.57	217.94 1.78 -196.19	64.82 2.94 -26.88	59.12 3.48 -14.70	57.33 3.78 -5.71	56.16 3.29 0.00	58.70 2.62 0.00
INGHAM_C_115KV_TB7 356103	79.49 1.94 0.00	63.75 1.48 0.00	58.35 1.50 0.00	57.07 1.59 0.00	56.96 1.48 0.00	57.28 1.61 0.00	55.96 1.78 0.00	57.69 1.33 0.00	56.15 0.39 0.00	68.64 0.02 0.00	72.33 0.31 0.00	74.06 0.13 0.00	62.10 0.92 0.00	84.48 2.25 0.00	88.32 3.30 0.00	70.66 2.91 -0.91	88.72 4.79 0.00	521.25 29.47 0.00	21.31 1.34 0.00	37.25 2.24 0.00	44.23 2.89 -0.39	51.26 3.42 0.00	55.37 2.51 0.00	57.65 1.58 0.00
IP CORINTH___1 23988	82.15 4.61 0.00	65.79 3.53 0.00	60.07 3.20 0.00	58.50 3.02 0.00	58.47 2.99 0.00	58.86 3.19 0.00	57.53 3.34 0.00	59.65 3.29 0.00	58.79 3.03 0.00	72.20 3.57 0.00	76.00 3.98 0.00	77.14 3.20 0.00	64.21 3.03 0.00	87.57 5.34 0.00	91.42 6.40 0.00	72.17 5.27 -0.05	91.90 7.12 -0.84	602.19 43.44 -66.97	50.08 1.76 -28.35	38.03 3.03 0.00	114.01 3.93 -69.13	98.33 4.44 -46.05	56.75 3.88 0.00	59.19 3.11 0.00
IP___TICONDEROGA 23804	87.89 10.35 0.00	70.16 7.89 0.00	63.83 6.96 0.00	61.98 6.51 0.00	61.93 6.45 0.00	62.62 6.95 0.00	61.08 6.89 0.00	62.69 6.33 0.00	61.56 5.80 0.00	75.49 6.86 0.00	79.15 7.13 0.00	80.42 6.48 0.00	66.83 5.64 0.00	92.50 10.28 0.00	97.17 12.15 0.00	76.75 9.85 -0.05	96.71 11.93 -0.85	631.34 74.38 -65.19	50.96 2.89 -28.10	40.32 5.32 0.00	116.33 6.89 -68.50	101.94 8.04 -46.06	60.05 7.18 0.00	62.74 6.66 0.00
ISLIP_RES_REC 323679	78.07 3.83 3.31	65.94 3.68 0.00	63.05 4.48 -1.71	59.74 4.26 0.00	59.45 3.97 0.00	59.60 3.94 0.00	58.05 3.86 0.00	60.98 4.63 0.00	60.51 4.75 0.00	74.65 6.03 0.00	82.32 6.88 -3.42	79.39 7.31 1.85	92.54 7.57 -23.79	114.33 10.43 -21.67	207.17 11.73 -110.42	239.47 8.31 -164.31	582.27 9.27 -489.07	3116.55 55.85 -2568.92	254.13 2.26 -231.90	178.62 4.41 -139.21	113.82 5.48 -67.39	75.72 5.71 -22.16	57.77 4.77 -0.13	62.31 4.30 -1.93

JAMAICA__27_KV_LOAD 355505	80.91 3.37 0.00	65.03 2.77 0.00	59.92 3.06 0.00	58.73 3.25 0.00	58.54 3.06 0.00	58.64 2.97 0.00	57.46 3.27 0.00	60.30 3.95 0.00	59.87 4.11 0.00	73.79 5.16 0.00	78.26 6.24 0.00	80.34 6.40 0.00	67.99 6.76 -0.05	92.87 9.77 -0.87	96.39 10.44 -0.93	95.89 8.61 -20.43	599.31 9.48 -505.90	3279.15 55.22 -2732.15	189.29 2.17 -167.15	61.08 3.68 -22.41	58.41 4.43 -13.03	58.51 4.89 -5.78	57.43 4.55 0.00	59.95 3.87 0.00
JANIS__SOLAR 323808	82.33 4.79 0.00	65.68 3.42 0.00	59.41 2.55 0.00	57.97 2.49 0.00	57.84 2.36 0.00	58.25 2.58 0.00	56.87 2.68 0.00	59.07 2.72 0.00	58.01 2.26 0.00	71.01 2.38 0.00	74.32 2.31 0.00	76.55 2.61 0.00	63.71 2.53 0.00	86.15 3.92 0.00	89.38 4.36 0.00	70.11 3.27 0.00	88.39 4.47 0.00	570.93 27.05 -52.10	25.11 1.35 -3.78	37.83 2.83 0.00	47.99 3.41 -3.64	53.47 3.81 -1.83	56.69 3.83 0.00	59.25 3.17 0.00
JARVIS____ 23743	77.83 0.28 0.00	62.52 0.25 0.00	57.11 0.25 0.00	55.74 0.27 0.00	55.70 0.22 0.00	55.89 0.22 0.00	54.44 0.25 0.00	56.63 0.28 0.00	55.98 0.22 0.00	68.91 0.28 0.00	72.38 0.36 0.00	74.29 0.35 0.00	61.65 0.46 0.00	83.04 0.81 0.00	85.99 0.97 0.00	68.58 0.82 -0.91	85.02 1.09 0.00	498.15 6.38 0.00	20.23 0.26 0.00	35.46 0.45 0.00	41.87 0.53 -0.39	48.44 0.60 0.00	53.29 0.42 0.00	56.29 0.21 0.00
JENNISON____1 23625	82.29 4.74 0.00	65.74 3.48 0.00	59.57 2.71 0.00	58.22 2.74 0.00	58.09 2.61 0.00	58.47 2.81 0.00	57.10 2.91 0.00	59.50 3.14 0.00	58.80 3.04 0.00	72.37 3.75 0.00	76.09 4.07 0.00	78.45 4.52 0.00	65.37 4.18 0.00	88.39 6.16 0.00	91.62 6.60 0.00	72.03 5.00 -0.18	93.45 6.28 -3.24	617.43 36.89 -88.77	28.70 1.57 -7.15	38.26 2.94 -0.31	50.03 3.27 -5.82	54.47 3.66 -2.97	56.71 3.83 0.00	59.38 3.31 0.00
JENNISON____2 23626	82.29 4.74 0.00	65.74 3.48 0.00	59.57 2.71 0.00	58.22 2.74 0.00	58.09 2.61 0.00	58.47 2.81 0.00	57.10 2.91 0.00	59.50 3.14 0.00	58.80 3.04 0.00	72.37 3.75 0.00	76.09 4.07 0.00	78.45 4.52 0.00	65.37 4.18 0.00	88.39 6.16 0.00	91.62 6.60 0.00	72.03 5.00 -0.18	93.45 6.28 -3.24	617.43 36.89 -88.77	28.70 1.57 -7.15	38.26 2.94 -0.31	50.03 3.27 -5.82	54.47 3.66 -2.97	56.71 3.83 0.00	59.38 3.31 0.00
JERICOHO_RISE_WT_PWR 323719	77.47 -0.07 0.00	62.22 -0.05 0.00	56.88 0.02 0.00	55.63 0.15 0.00	55.70 0.22 0.00	55.80 0.13 0.00	54.15 -0.04 0.00	56.23 -0.12 0.00	55.67 -0.09 0.00	68.35 -0.28 0.00	71.31 -0.71 0.00	73.05 -0.89 0.00	59.59 -1.59 0.00	79.28 -2.95 0.00	81.19 -3.83 0.00	48.08 -3.30 15.47	80.18 -3.75 0.00	473.11 -18.66 0.00	19.25 -0.72 0.00	33.69 -1.31 0.00	37.11 -1.52 2.32	46.16 -1.68 0.00	51.83 -1.04 0.00	56.10 0.03 0.00
KATONAH__115KV_46KV_TB4 355592	80.57 3.02 0.00	64.70 2.44 0.00	59.46 2.60 0.00	58.13 2.65 0.00	57.94 2.46 0.00	58.13 2.47 0.00	56.88 2.70 0.00	59.52 3.16 0.00	59.09 3.33 0.00	72.92 4.29 0.00	77.35 5.34 0.00	79.53 5.60 0.00	67.03 5.85 0.00	90.85 8.62 0.00	94.42 9.40 0.00	79.49 7.74 -4.89	191.00 8.76 -98.31	895.90 50.81 -353.31	69.68 1.98 -47.73	46.57 3.29 -8.27	53.03 3.87 -8.21	57.96 4.20 -5.92	56.58 3.71 0.00	59.11 3.03 0.00
KCE_NY_1 323755	81.84 4.30 0.00	65.59 3.32 0.00	59.89 3.03 0.00	58.38 2.90 0.00	58.38 2.90 0.00	58.69 3.02 0.00	57.40 3.22 0.00	59.58 3.23 0.00	58.76 3.00 0.00	72.02 3.39 0.00	75.88 3.86 0.00	77.52 3.59 0.00	64.49 3.30 0.00	87.61 5.39 0.00	91.21 6.19 0.00	71.99 5.08 -0.06	91.66 6.88 -0.86	596.01 41.56 -62.67	49.35 1.63 -27.75	37.81 2.80 0.00	112.12 3.56 -67.62	97.92 3.99 -46.09	56.46 3.59 0.00	59.06 2.98 0.00
KCE_NY_6_ESR 323823	81.11 3.57 0.00	64.13 1.86 0.00	56.78 -0.08 0.00	55.04 -0.45 0.00	54.90 -0.58 0.00	55.31 -0.36 0.00	53.67 -0.52 0.00	55.87 -0.48 0.00	55.97 0.21 0.00	70.07 1.44 0.00	73.39 1.37 0.00	76.28 2.34 0.00	63.63 2.44 0.00	85.91 3.69 0.00	88.29 3.27 0.00	68.19 1.34 0.00	84.80 0.87 0.00	526.17 4.86 -29.53	21.98 0.04 -1.97	35.35 0.35 0.00	41.74 0.45 -0.34	48.67 0.82 -0.01	54.15 1.28 0.00	56.08 0.00 0.00
KEDC_PORT_JEFF_GT2 24210	76.71 2.73 3.57	65.19 2.93 0.00	62.44 3.88 -1.71	59.17 3.69 0.00	58.90 3.42 0.00	59.03 3.37 0.00	57.48 3.30 0.00	60.31 3.96 0.00	59.81 4.05 0.00	73.66 5.03 0.00	79.28 5.62 -1.64	77.80 5.85 1.99	100.93 6.23 -33.52	120.77 8.21 -30.33	242.06 9.39 -147.65	280.64 6.76 -207.03	583.10 7.37 -491.80	3104.59 44.36 -2568.45	272.47 1.84 -250.67	206.89 3.56 -168.33	118.92 4.43 -73.55	74.13 4.69 -21.60	56.31 3.81 0.37	60.33 3.44 -0.81
KEDC_PORT_JEFF_GT3 24211	76.71 2.73 3.57	65.19 2.93 0.00	62.44 3.88 -1.71	59.17 3.69 0.00	58.90 3.42 0.00	59.03 3.37 0.00	57.48 3.30 0.00	60.31 3.96 0.00	59.81 4.05 0.00	73.66 5.03 0.00	79.28 5.62 -1.64	77.80 5.85 1.99	100.93 6.23 -33.52	120.77 8.21 -30.33	242.06 9.39 -147.65	280.64 6.76 -207.03	583.10 7.37 -491.80	3104.59 44.36 -2568.45	272.47 1.84 -250.67	206.89 3.56 -168.33	118.92 4.43 -73.55	74.13 4.69 -21.60	56.31 3.81 0.37	60.33 3.44 -0.81
KEDC_GLWD_GT4 24219	87.54 3.06 -6.94	64.88 2.61 -0.01	61.95 3.38 -1.71	58.85 3.37 0.00	58.61 3.13 0.00	58.78 3.11 0.00	57.40 3.22 0.00	60.12 3.77 0.00	59.36 3.60 0.00	73.26 4.64 0.00	78.53 5.83 -0.68	83.64 6.13 -3.57	68.72 6.52 -1.01	91.97 9.30 -0.43	108.24 10.29 -12.94	165.20 8.23 -90.12	616.87 9.39 -523.55	3196.89 54.53 -2650.58	230.78 2.18 -208.63	116.29 3.65 -77.63	82.02 4.30 -36.77	68.90 4.58 -16.49	58.42 3.86 -1.70	60.20 3.27 -0.85
KEDC_GLWD_GT5 24220	87.54 3.06 -6.94	64.88 2.61 -0.01	61.95 3.38 -1.71	58.85 3.37 0.00	58.61 3.13 0.00	58.78 3.11 0.00	57.40 3.22 0.00	60.12 3.77 0.00	59.36 3.60 0.00	73.26 4.64 0.00	78.53 5.83 -0.68	83.64 6.13 -3.57	68.72 6.52 -1.01	91.97 9.30 -0.43	108.24 10.29 -12.94	165.20 8.23 -90.12	616.87 9.39 -523.55	3196.89 54.53 -2650.58	230.78 2.18 -208.63	116.29 3.65 -77.63	82.02 4.30 -36.77	68.90 4.58 -16.49	58.42 3.86 -1.70	60.20 3.27 -0.85
KENSICO____ 23655	80.21 2.67 0.00	64.44 2.18 0.00	59.31 2.45 0.00	58.03 2.55 0.00	57.85 2.37 0.00	58.02 2.36 0.00	56.76 2.57 0.00	59.42 3.07 0.00	59.01 3.25 0.00	72.80 4.17 0.00	77.22 5.21 0.00	79.35 5.41 0.00	66.91 5.72 0.00	90.57 8.34 0.00	94.09 9.06 0.00	92.25 7.43 -17.97	586.35 8.32 -494.10	3215.98 48.49 -2675.72	185.93 1.90 -164.05	60.36 3.15 -22.21	57.75 3.74 -13.06	57.70 4.08 -5.77	56.46 3.59 0.00	59.02 2.94 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	81.20 3.65 0.00	65.08 2.82 0.00	59.63 2.77 0.00	58.23 2.75 0.00	58.04 2.55 0.00	58.25 2.58 0.00	57.02 2.83 0.00	59.68 3.33 0.00	59.20 3.44 0.00	73.00 4.37 0.00	77.35 5.34 0.00	79.61 5.67 0.00	66.97 5.79 0.00	90.73 8.50 0.00	94.27 9.25 0.00	77.69 7.52 -3.32	152.81 8.52 -60.36	1061.31 49.85 -519.69	65.80 2.03 -43.80	44.30 3.40 -5.89	54.48 4.25 -9.28	57.03 4.66 -4.52	57.10 4.23 0.00	59.58 3.50 0.00

KIAC_JFK_GT1 23816	80.00 2.45 0.00	64.52 2.25 0.00	59.48 2.62 0.00	58.31 2.83 0.00	58.12 2.64 0.00	58.22 2.55 0.00	57.06 2.87 0.00	59.86 3.51 0.00	59.38 3.63 0.00	73.04 4.41 0.00	77.42 5.40 0.00	79.48 5.54 0.00	67.28 6.05 -0.05	91.89 8.79 -0.87	95.37 9.42 -0.93	95.09 7.80 -20.43	598.22 8.39 -505.90	3272.89 48.97 -2732.15	189.04 1.92 -167.15	60.65 3.24 -22.41	57.90 3.92 -13.03	57.91 4.29 -5.78	56.79 3.92 0.00	59.30 3.22 0.00
KIAC_JFK_GT2 23817	80.00 2.45 0.00	64.52 2.25 0.00	59.48 2.62 0.00	58.31 2.83 0.00	58.12 2.64 0.00	58.22 2.55 0.00	57.06 2.87 0.00	59.86 3.51 0.00	59.38 3.63 0.00	73.04 4.41 0.00	77.42 5.40 0.00	79.48 5.54 0.00	67.28 6.05 -0.05	91.89 8.79 -0.87	95.37 9.42 -0.93	95.09 7.80 -20.43	598.22 8.39 -505.90	3272.89 48.97 -2732.15	189.04 1.92 -167.15	60.65 3.24 -22.41	57.90 3.92 -13.03	57.91 4.29 -5.78	56.79 3.92 0.00	59.30 3.22 0.00
KIAC_JFK____ 323774	80.00 2.46 0.00	64.52 2.25 0.00	59.49 2.63 0.00	58.31 2.83 0.00	58.12 2.64 0.00	58.21 2.55 0.00	57.06 2.87 0.00	59.86 3.51 0.00	59.38 3.62 0.00	73.04 4.41 0.00	77.41 5.40 0.00	79.48 5.54 0.00	67.27 6.04 -0.05	91.88 8.78 -0.87	95.36 9.40 -0.93	95.07 7.78 -20.43	598.21 8.38 -505.90	3272.82 48.89 -2732.15	189.05 1.93 -167.15	60.65 3.24 -22.41	57.91 3.93 -13.03	57.91 4.29 -5.78	56.80 3.93 0.00	59.30 3.22 0.00
KINTIGH__24_KV_GSU 356498	79.45 1.91 0.00	62.96 0.69 0.00	56.00 -0.86 0.00	54.31 -1.17 0.00	54.21 -1.27 0.00	54.56 -1.10 0.00	52.94 -1.24 0.00	55.14 -1.22 0.00	55.23 -0.53 0.00	68.90 0.27 0.00	72.10 0.08 0.00	74.77 0.83 0.00	62.31 1.13 0.00	84.01 1.78 0.00	86.25 1.24 0.00	66.75 -0.10 0.00	82.66 -1.27 0.00	506.05 -9.62 -23.89	21.01 -0.55 -1.58	34.28 -0.72 0.00	40.60 -0.62 -0.27	47.67 -0.18 0.00	53.15 0.28 0.00	55.34 -0.74 0.00
KINTIGH____ 23543	79.44 1.89 0.00	62.91 0.64 0.00	55.95 -0.91 0.00	54.28 -1.20 0.00	54.16 -1.32 0.00	54.52 -1.15 0.00	52.89 -1.29 0.00	55.11 -1.25 0.00	55.17 -0.59 0.00	68.86 0.24 0.00	72.03 0.01 0.00	74.71 0.78 0.00	62.28 1.09 0.00	83.93 1.71 0.00	86.19 1.17 0.00	66.67 -0.18 0.00	82.60 -1.33 0.00	506.09 -9.57 -23.89	21.02 -0.54 -1.58	34.30 -0.71 0.00	40.59 -0.63 -0.27	47.62 -0.23 0.00	53.12 0.24 0.00	55.31 -0.77 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	78.41 0.86 0.00	62.86 0.59 0.00	57.43 0.57 0.00	56.26 0.78 0.00	56.30 0.82 0.00	56.37 0.71 0.00	54.76 0.57 0.00	56.83 0.47 0.00	56.15 0.40 0.00	68.95 0.33 0.00	71.95 -0.07 0.00	73.65 -0.29 0.00	60.12 -1.07 0.00	80.31 -1.92 0.00	82.23 -2.80 0.00	48.44 -2.70 15.71	80.99 -2.94 0.00	479.56 -12.22 0.00	19.50 -0.48 0.00	34.19 -0.82 0.00	38.06 -0.92 1.97	46.83 -1.01 0.00	52.49 -0.38 0.00	56.77 0.70 0.00
LACHUTE____HYDRO 323717	87.89 10.34 0.00	70.16 7.89 0.00	63.82 6.96 0.00	61.98 6.50 0.00	61.93 6.45 0.00	62.62 6.95 0.00	61.08 6.89 0.00	62.69 6.33 0.00	61.56 5.80 0.00	75.49 6.86 0.00	79.15 7.13 0.00	80.41 6.48 0.00	66.83 5.64 0.00	92.50 10.28 0.00	97.17 12.15 0.00	76.75 9.85 -0.05	96.71 11.94 -0.85	631.42 74.46 -65.19	50.97 2.89 -28.10	40.32 5.32 0.00	116.34 6.89 -68.50	101.94 8.04 -46.06	60.04 7.17 0.00	62.73 6.65 0.00
LAWRNCV_115KV_TB1 80681	78.32 0.77 0.00	62.82 0.55 0.00	57.42 0.56 0.00	56.07 0.59 0.00	56.15 0.67 0.00	56.37 0.71 0.00	54.59 0.40 0.00	56.52 0.17 0.00	55.67 -0.09 0.00	68.08 -0.55 0.00	70.87 -1.15 0.00	72.29 -1.65 0.00	58.75 -2.44 0.00	77.08 -5.15 0.00	78.90 -6.12 0.00	49.00 -4.79 13.06	78.52 -5.41 0.00	462.85 -28.92 0.00	18.92 -1.06 0.00	33.23 -1.78 0.00	33.16 -1.99 5.80	46.04 -1.80 0.00	52.20 -0.67 0.00	56.76 0.68 0.00
LEDERLE____ 23769	80.36 2.81 0.00	64.48 2.22 0.00	59.20 2.34 0.00	57.90 2.42 0.00	57.69 2.21 0.00	57.86 2.19 0.00	56.60 2.42 0.00	59.30 2.95 0.00	58.93 3.17 0.00	72.77 4.14 0.00	77.21 5.19 0.00	79.54 5.60 0.00	67.08 5.90 0.00	90.83 8.60 0.00	94.43 9.41 0.00	75.10 7.71 -0.55	68.25 8.64 24.33	1190.82 50.38 -648.66	58.98 1.98 -37.03	41.61 3.26 -3.35	51.03 3.83 -6.25	57.50 4.18 -5.48	56.56 3.69 0.00	59.09 3.01 0.00
LIGHTHSE_115KV_TB6 355974	78.51 0.96 0.00	62.70 0.44 0.00	57.01 0.15 0.00	55.54 0.06 0.00	55.41 -0.07 0.00	55.41 -0.25 0.00	53.88 -0.31 0.00	56.22 -0.14 0.00	55.71 -0.05 0.00	68.70 0.07 0.00	71.86 -0.16 0.00	73.65 -0.28 0.00	60.69 -0.49 0.00	81.45 -0.78 0.00	84.06 -0.96 0.00	64.94 -0.90 1.02	83.03 -0.90 0.00	486.73 -5.04 0.00	19.95 -0.03 0.00	35.30 0.30 0.00	43.38 0.56 -1.87	48.70 0.86 0.00	53.57 0.70 0.00	56.44 0.36 0.00
LINDEN COGEN____ 23786	79.73 2.18 0.00	64.01 1.74 0.00	58.80 2.15 0.21	57.37 2.36 0.47	56.64 2.15 0.99	57.53 2.17 0.31	56.63 2.44 0.00	59.33 2.98 0.00	58.94 3.19 0.00	72.75 4.12 0.00	77.26 5.25 0.00	79.34 5.40 0.00	67.07 5.89 0.00	90.73 8.50 0.00	94.16 9.14 0.00	88.88 7.48 -14.55	571.09 7.96 -479.21	3200.83 47.07 -2661.99	185.16 1.83 -163.36	60.13 3.01 -22.11	57.64 3.66 -13.03	57.60 3.99 -5.78	56.31 3.45 0.01	58.94 2.86 0.00
LINDHRST_69_KV_BK1 356055	81.49 3.95 0.00	65.85 3.58 0.00	62.79 4.22 -1.71	59.55 4.07 0.00	59.26 3.78 0.00	59.39 3.73 0.00	57.87 3.68 0.00	60.69 4.34 0.00	60.25 4.49 0.00	74.26 5.63 0.00	81.46 6.61 -2.83	80.84 6.90 0.00	69.10 7.26 -0.66	92.46 10.24 0.01	108.66 11.41 -12.23	142.73 8.79 -67.10	585.29 10.35 -491.01	3124.74 59.39 -2573.57	214.99 2.44 -192.57	109.94 4.36 -70.58	87.97 5.26 -41.77	69.22 5.55 -15.83	58.21 4.64 -0.70	62.06 4.23 -1.75
LIPA_MISC_IPP 23656	76.29 2.42 3.68	64.95 2.69 0.00	62.18 3.61 -1.71	58.94 3.47 0.00	58.69 3.21 0.00	58.84 3.17 0.00	57.34 3.15 0.00	60.17 3.82 0.00	59.59 3.84 0.00	73.41 4.79 0.00	79.24 5.57 -1.65	77.75 5.86 2.04	85.15 6.35 -17.62	106.58 8.91 -15.45	174.72 10.06 -79.64	209.44 7.33 -135.27	578.02 8.21 -485.88	3105.46 47.15 -2566.53	240.88 1.89 -219.01	157.55 3.77 -118.77	106.15 4.72 -60.49	69.14 4.84 -16.46	56.23 3.75 0.39	60.16 3.28 -0.81
LISF__SOLAR 323691	76.60 2.69 3.63	65.14 2.88 0.00	62.35 3.78 -1.71	59.11 3.63 0.00	58.83 3.36 0.00	58.98 3.32 0.00	57.48 3.29 0.00	60.32 3.97 0.00	59.75 3.99 0.00	73.61 4.98 0.00	79.58 5.75 -1.81	77.94 6.03 2.02	87.26 6.49 -19.58	108.54 8.98 -17.33	183.72 10.23 -88.47	218.60 7.48 -144.27	578.80 8.18 -486.70	3107.73 49.04 -2566.91	244.93 1.97 -222.99	163.97 3.94 -125.02	108.19 4.92 -62.32	70.35 5.07 -17.44	56.53 3.99 0.34	60.48 3.49 -0.91
LITTLE FALLS__HYD 24013	79.49 1.94 0.00	63.75 1.48 0.00	58.35 1.50 0.00	57.07 1.59 0.00	56.96 1.48 0.00	57.28 1.61 0.00	55.96 1.78 0.00	57.69 1.33 0.00	56.15 0.39 0.00	68.64 0.02 0.00	72.33 0.31 0.00	74.06 0.13 0.00	62.10 0.92 0.00	84.48 2.25 0.00	88.32 3.30 0.00	70.66 2.91 -0.91	88.72 4.79 0.00	521.25 29.47 0.00	21.31 1.34 0.00	37.25 2.24 0.00	44.23 2.89 -0.39	51.26 3.42 0.00	55.37 2.51 0.00	57.65 1.58 0.00

LITTLRIV_115KV_TB1 356100	79.73 2.19 0.00	63.91 1.64 0.00	58.43 1.57 0.00	57.07 1.60 0.00	57.16 1.68 0.00	57.41 1.74 0.00	55.61 1.42 0.00	57.52 1.17 0.00	56.54 0.78 0.00	68.96 0.34 0.00	71.61 -0.40 0.00	72.96 -0.97 0.00	59.18 -2.01 0.00	77.51 -4.72 0.00	79.20 -5.82 0.00	49.91 -4.16 12.77	79.36 -4.57 0.00	467.35 -24.43 0.00	19.19 -0.78 0.00	33.84 -1.17 0.00	33.50 -1.23 6.22	46.89 -0.95 0.00	53.16 0.28 0.00	57.75 1.68 0.00
LI_NEWBRDGE___DRP 323616	74.11 2.60 6.04	64.68 2.42 0.01	61.68 3.11 -1.71	58.52 3.04 0.00	58.29 2.81 0.00	58.43 2.76 0.00	56.95 2.77 0.00	59.63 3.27 0.00	59.10 3.34 0.00	72.83 4.20 0.00	76.53 5.14 0.62	76.04 5.37 3.27	67.51 5.96 -0.36	89.20 8.43 1.46	93.53 9.40 0.89	126.21 7.31 -52.05	563.43 8.60 -470.90	3081.34 48.15 -2541.41	201.94 1.98 -179.99	100.06 3.43 -61.62	81.66 4.11 -36.60	57.01 4.28 -4.89	54.84 3.45 1.48	58.37 3.03 0.74
LOCKPORT_115KV_TB60_63_64 80432	79.89 2.35 0.00	63.11 0.84 0.00	55.81 -1.05 0.00	54.05 -1.43 0.00	53.96 -1.52 0.00	54.35 -1.32 0.00	52.60 -1.59 0.00	54.50 -1.86 0.00	54.59 -1.17 0.00	68.27 -0.36 0.00	71.35 -0.67 0.00	74.09 0.16 0.00	61.80 0.62 0.00	83.19 0.96 0.00	85.41 0.39 0.00	65.90 -0.95 0.00	81.82 -2.11 0.00	505.26 -12.79 -26.28	21.06 -0.66 -1.75	34.07 -0.93 0.00	40.23 -1.01 -0.30	47.22 -0.62 -0.01	52.82 -0.05 0.00	55.04 -1.03 0.00
LOCKPORT___CC1 323769	79.48 1.94 0.00	62.83 0.56 0.00	55.59 -1.27 0.00	53.82 -1.65 0.00	53.72 -1.76 0.00	54.11 -1.56 0.00	52.37 -1.82 0.00	54.31 -2.04 0.00	54.42 -1.34 0.00	68.06 -0.57 0.00	71.12 -0.90 0.00	73.80 -0.13 0.00	61.55 0.37 0.00	82.87 0.64 0.00	85.06 0.05 0.00	65.64 -1.21 0.00	81.55 -2.39 0.00	503.86 -14.42 -26.50	20.98 -0.75 -1.76	33.93 -1.07 0.00	40.05 -1.20 -0.30	46.99 -0.85 -0.01	52.61 -0.27 0.00	54.77 -1.30 0.00
LOCKPORT___CC2 323770	79.48 1.94 0.00	62.83 0.56 0.00	55.59 -1.27 0.00	53.82 -1.65 0.00	53.72 -1.76 0.00	54.11 -1.56 0.00	52.37 -1.82 0.00	54.31 -2.04 0.00	54.42 -1.34 0.00	68.06 -0.57 0.00	71.12 -0.90 0.00	73.80 -0.13 0.00	61.55 0.37 0.00	82.87 0.64 0.00	85.06 0.05 0.00	65.64 -1.21 0.00	81.55 -2.39 0.00	503.86 -14.42 -26.50	20.98 -0.75 -1.76	33.93 -1.07 0.00	40.05 -1.20 -0.30	46.99 -0.85 -0.01	52.61 -0.27 0.00	54.77 -1.30 0.00
LOCKPORT___CC3 323771	79.48 1.94 0.00	62.83 0.56 0.00	55.59 -1.27 0.00	53.82 -1.65 0.00	53.72 -1.76 0.00	54.11 -1.56 0.00	52.37 -1.82 0.00	54.31 -2.04 0.00	54.42 -1.34 0.00	68.06 -0.57 0.00	71.12 -0.90 0.00	73.80 -0.13 0.00	61.55 0.37 0.00	82.87 0.64 0.00	85.06 0.05 0.00	65.64 -1.21 0.00	81.55 -2.39 0.00	503.86 -14.42 -26.50	20.98 -0.75 -1.76	33.93 -1.07 0.00	40.05 -1.20 -0.30	46.99 -0.85 -0.01	52.61 -0.27 0.00	54.77 -1.30 0.00
LOCUSVLY_69_KV_BK2 55797	85.71 3.63 -4.53	65.38 3.11 -0.01	62.29 3.73 -1.71	59.12 3.64 0.00	58.87 3.39 0.00	59.03 3.36 0.00	57.58 3.39 0.00	60.32 3.97 0.00	59.77 4.01 0.00	73.69 5.07 0.00	78.67 6.22 -0.44	82.87 6.65 -2.28	69.14 7.08 -0.88	92.26 10.10 0.08	106.42 11.23 -10.16	157.34 8.83 -81.66	604.88 10.45 -510.49	3167.92 59.33 -2616.81	224.89 2.40 -202.52	113.63 4.06 -74.56	82.39 4.71 -36.74	67.15 4.97 -14.34	58.14 4.16 -1.11	60.29 3.66 -0.55
LONG_LAKE_PHOENIX 24014	76.63 -0.92 0.00	61.34 -0.92 0.00	55.74 -1.12 0.00	54.33 -1.15 0.00	54.28 -1.20 0.00	54.50 -1.17 0.00	53.12 -1.07 0.00	55.33 -1.02 0.00	54.77 -0.98 0.00	67.61 -1.02 0.00	70.88 -1.14 0.00	72.92 -1.02 0.00	60.68 -0.51 0.00	81.85 -0.38 0.00	84.63 -0.39 0.00	66.52 -0.33 0.00	83.49 -0.44 0.00	487.00 -4.78 0.00	19.81 -0.16 0.00	34.92 -0.09 0.00	41.46 -0.11 -0.62	47.66 -0.18 0.00	52.39 -0.48 0.00	55.19 -0.88 0.00
LOVETT___3 23632	79.64 2.09 0.00	63.95 1.68 0.00	58.78 1.92 0.00	57.51 2.03 0.00	57.32 1.84 0.00	57.48 1.82 0.00	56.23 2.05 0.00	58.88 2.52 0.00	58.47 2.71 0.00	72.13 3.50 0.00	76.50 4.48 0.00	78.69 4.75 0.00	66.34 5.16 0.00	89.77 7.54 0.00	93.29 8.27 0.00	73.14 6.83 0.53	33.19 7.57 58.31	1048.60 44.48 -512.35	50.88 1.75 -29.16	40.10 2.87 -2.23	50.21 3.39 -5.87	57.05 3.67 -5.54	56.05 3.17 0.00	58.59 2.51 0.00
LOVETT___4 23642	79.64 2.09 0.00	63.95 1.68 0.00	58.78 1.92 0.00	57.51 2.03 0.00	57.32 1.84 0.00	57.48 1.82 0.00	56.23 2.05 0.00	58.88 2.52 0.00	58.47 2.71 0.00	72.13 3.50 0.00	76.50 4.48 0.00	78.69 4.75 0.00	66.34 5.16 0.00	89.77 7.54 0.00	93.29 8.27 0.00	73.14 6.83 0.53	33.19 7.57 58.31	1048.60 44.48 -512.35	50.88 1.75 -29.16	40.10 2.87 -2.23	50.21 3.39 -5.87	57.05 3.67 -5.54	56.05 3.17 0.00	58.59 2.51 0.00
LOVETT___5 23593	79.64 2.09 0.00	63.95 1.68 0.00	58.78 1.92 0.00	57.51 2.03 0.00	57.32 1.84 0.00	57.48 1.82 0.00	56.23 2.05 0.00	58.88 2.52 0.00	58.47 2.71 0.00	72.13 3.50 0.00	76.50 4.48 0.00	78.69 4.75 0.00	66.34 5.16 0.00	89.77 7.54 0.00	93.29 8.27 0.00	73.14 6.83 0.53	33.19 7.57 58.31	1048.60 44.48 -512.35	50.88 1.75 -29.16	40.10 2.87 -2.23	50.21 3.39 -5.87	57.05 3.67 -5.54	56.05 3.17 0.00	58.59 2.51 0.00
LOWER RAQUET___HYD 24057	78.43 0.89 0.00	62.89 0.62 0.00	57.47 0.61 0.00	56.13 0.66 0.00	56.21 0.73 0.00	56.41 0.74 0.00	54.60 0.41 0.00	56.51 0.15 0.00	55.58 -0.18 0.00	67.91 -0.72 0.00	70.66 -1.36 0.00	72.06 -1.88 0.00	58.49 -2.70 0.00	76.65 -5.57 0.00	78.40 -6.62 0.00	49.21 -5.14 12.50	78.10 -5.82 0.00	460.54 -31.24 0.00	18.85 -1.12 0.00	33.14 -1.86 0.00	32.27 -2.07 6.61	46.01 -1.83 0.00	52.26 -0.62 0.00	56.83 0.76 0.00
LOWER___HUDSON 24059	80.17 2.63 0.00	64.43 2.16 0.00	59.00 2.14 0.00	57.51 2.04 0.00	57.54 2.06 0.00	57.74 2.08 0.00	56.42 2.23 0.00	58.61 2.25 0.00	57.84 2.08 0.00	71.02 2.40 0.00	74.80 2.78 0.00	76.40 2.46 0.00	63.60 2.41 0.00	86.23 4.00 0.00	89.65 4.63 0.00	71.17 3.99 -0.33	94.28 5.02 -5.32	582.18 31.00 -59.41	47.09 1.21 -25.91	37.46 2.03 -0.43	100.33 2.44 -56.94	96.78 2.84 -46.11	55.26 2.39 0.00	57.88 1.80 0.00
LOWVILLE_115KV_TB2 356335	81.67 4.13 0.00	65.15 2.88 0.00	59.35 2.49 0.00	57.86 2.38 0.00	57.68 2.20 0.00	57.33 1.67 0.00	55.37 1.18 0.00	57.82 1.46 0.00	57.43 1.67 0.00	70.58 1.95 0.00	73.71 1.70 0.00	75.01 1.07 0.00	61.13 -0.06 0.00	81.17 -1.06 0.00	83.64 -1.38 0.00	62.83 -1.04 2.98	83.78 -0.15 0.00	494.84 3.07 0.00	20.34 0.37 0.00	36.16 1.16 0.00	48.11 1.78 -5.39	50.35 2.51 0.00	55.39 2.52 0.00	58.67 2.59 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	81.70 4.16 0.00	65.54 3.27 0.00	59.89 3.03 0.00	58.37 2.90 0.00	58.37 2.89 0.00	58.66 2.99 0.00	57.34 3.15 0.00	59.51 3.16 0.00	58.67 2.91 0.00	71.99 3.36 0.00	75.80 3.79 0.00	77.44 3.51 0.00	64.46 3.27 0.00	87.51 5.28 0.00	91.09 6.07 0.00	71.90 4.99 -0.06	91.50 6.72 -0.86	595.19 40.74 -62.67	49.35 1.62 -27.75	37.79 2.78 0.00	112.00 3.43 -67.62	97.85 3.92 -46.09	56.39 3.52 0.00	59.01 2.93 0.00

LUTHERNY_35_KV_BK2 355980	81.85 4.30 0.00	65.59 3.32 0.00	59.89 3.03 0.00	58.38 2.90 0.00	58.38 2.90 0.00	58.69 3.02 0.00	57.40 3.22 0.00	59.58 3.23 0.00	58.76 3.01 0.00	72.02 3.39 0.00	75.88 3.86 0.00	77.52 3.59 0.00	64.49 3.31 0.00	87.61 5.39 0.00	91.21 6.19 0.00	71.99 5.09 -0.06	91.67 6.88 -0.86	595.92 41.47 -62.67	49.35 1.63 -27.75	37.81 2.80 0.00	112.12 3.56 -67.62	97.92 3.99 -46.09	56.46 3.59 0.00	59.06 2.98 0.00
LWR___OSWEGATCHIE_HYD 23850	80.07 2.53 0.00	63.98 1.72 0.00	58.39 1.53 0.00	56.96 1.48 0.00	56.88 1.40 0.00	56.81 1.14 0.00	54.96 0.77 0.00	57.15 0.79 0.00	56.47 0.71 0.00	69.21 0.58 0.00	72.14 0.13 0.00	73.44 -0.49 0.00	59.60 -1.58 0.00	78.61 -3.62 0.00	80.70 -4.32 0.00	55.25 -3.35 8.25	80.59 -3.33 0.00	475.54 -16.24 0.00	19.53 -0.45 0.00	34.57 -0.44 0.00	53.69 -0.15 -12.90	48.29 0.45 0.00	53.87 1.00 0.00	57.75 1.67 0.00
LYONS_FALL_HYD 23570	80.95 3.41 0.00	64.66 2.40 0.00	58.91 2.05 0.00	57.44 1.97 0.00	57.33 1.85 0.00	57.19 1.53 0.00	55.43 1.24 0.00	57.79 1.44 0.00	57.28 1.52 0.00	70.45 1.82 0.00	73.73 1.71 0.00	75.32 1.39 0.00	61.84 0.66 0.00	82.61 0.39 0.00	85.38 0.36 0.00	65.55 0.33 1.63	85.22 1.30 0.00	502.01 10.23 0.00	20.53 0.55 0.00	36.33 1.32 0.00	46.32 1.80 -3.57	50.19 2.35 0.00	55.17 2.30 0.00	58.31 2.24 0.00
MADISON___COUNTY_LFGE 323628	79.83 2.29 0.00	63.85 1.58 0.00	58.09 1.23 0.00	56.64 1.17 0.00	56.59 1.10 0.00	56.79 1.12 0.00	55.33 1.14 0.00	57.56 1.20 0.00	56.79 1.04 0.00	69.90 1.27 0.00	73.36 1.34 0.00	75.42 1.49 0.00	62.61 1.43 0.00	84.39 2.15 0.00	87.53 2.51 0.00	68.94 2.09 0.00	87.03 3.10 0.00	509.96 18.18 0.00	20.76 0.79 0.00	36.63 1.63 0.00	43.93 1.91 -1.08	50.03 2.19 0.00	54.87 2.00 0.00	57.78 1.70 0.00
MALONE___115KV_TB1 356076	78.72 1.17 0.00	63.03 0.76 0.00	57.59 0.73 0.00	56.26 0.78 0.00	56.32 0.83 0.00	56.50 0.83 0.00	54.78 0.59 0.00	56.91 0.56 0.00	56.27 0.51 0.00	69.13 0.51 0.00	71.96 -0.06 0.00	73.68 -0.26 0.00	59.96 -1.23 0.00	79.64 -2.59 0.00	81.45 -3.57 0.00	49.17 -2.96 14.72	80.94 -2.99 0.00	476.54 -15.24 0.00	19.46 -0.52 0.00	34.09 -0.91 0.00	36.49 -1.06 3.40	46.93 -0.91 0.00	52.88 0.01 0.00	57.09 1.01 0.00
MAPLEWOD_115KV_TB3 80458	79.44 1.90 0.00	63.84 1.57 0.00	58.51 1.65 0.00	57.14 1.66 0.00	57.16 1.68 0.00	57.23 1.57 0.00	55.87 1.68 0.00	58.10 1.75 0.00	57.38 1.63 0.00	70.58 1.96 0.00	74.33 2.31 0.00	76.07 2.14 0.00	63.47 2.29 0.00	85.88 3.65 0.00	89.29 4.27 0.00	70.80 3.71 -0.24	92.16 4.71 -3.52	548.19 28.76 -27.65	42.07 1.11 -20.99	37.08 1.83 -0.25	89.28 2.09 -46.25	91.65 2.42 -41.40	54.87 2.00 0.00	57.51 1.44 0.00
MAPLE_RIDGE_WT_1 323574	77.36 -0.19 0.00	62.18 -0.08 0.00	56.84 -0.02 0.00	55.48 0.00 0.00	55.48 0.01 0.00	55.39 -0.27 0.00	53.75 -0.44 0.00	55.96 -0.39 0.00	55.54 -0.22 0.00	68.42 -0.21 0.00	71.66 -0.35 0.00	73.36 -0.58 0.00	60.42 -0.76 0.00	80.86 -1.37 0.00	83.41 -1.61 0.00	47.13 -1.19 18.53	82.79 -1.14 0.00	486.25 -5.52 0.00	19.77 -0.20 0.00	34.65 -0.35 0.00	40.07 -0.40 0.48	47.34 -0.50 0.00	52.36 -0.51 0.00	55.72 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	77.36 -0.19 0.00	62.18 -0.08 0.00	56.84 -0.02 0.00	55.48 0.00 0.00	55.48 0.01 0.00	55.39 -0.27 0.00	53.75 -0.44 0.00	55.96 -0.39 0.00	55.54 -0.22 0.00	68.42 -0.21 0.00	71.66 -0.35 0.00	73.36 -0.58 0.00	60.42 -0.76 0.00	80.86 -1.37 0.00	83.41 -1.61 0.00	47.13 -1.19 18.53	82.79 -1.14 0.00	486.25 -5.52 0.00	19.77 -0.20 0.00	34.65 -0.35 0.00	40.07 -0.40 0.48	47.34 -0.50 0.00	52.36 -0.51 0.00	55.72 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	77.50 -0.04 0.00	62.23 -0.03 0.00	56.91 0.05 0.00	55.68 0.21 0.00	55.75 0.27 0.00	55.84 0.17 0.00	54.21 0.01 0.00	56.29 -0.07 0.00	55.70 -0.06 0.00	68.36 -0.27 0.00	71.39 -0.63 0.00	73.11 -0.83 0.00	59.71 -1.48 0.00	79.51 -2.72 0.00	81.45 -3.57 0.00	47.92 -3.14 15.79	80.35 -3.58 0.00	474.18 -17.59 0.00	19.29 -0.68 0.00	33.78 -1.23 0.00	37.68 -1.41 1.86	46.25 -1.59 0.00	51.84 -1.03 0.00	56.12 0.05 0.00
MARSHVLE_115KV_TB1 80742	82.68 5.14 0.00	66.28 4.02 0.00	60.31 3.45 0.00	58.65 3.17 0.00	58.62 3.13 0.00	58.91 3.24 0.00	57.32 3.13 0.00	58.96 2.60 0.00	57.98 2.22 0.00	71.20 2.57 0.00	74.63 2.61 0.00	76.72 2.78 0.00	63.45 2.26 0.00	85.05 2.82 0.00	87.91 2.89 0.00	68.87 2.00 -0.03	87.10 3.17 0.00	596.64 22.23 -82.64	47.51 1.11 -26.43	37.24 2.23 0.00	106.55 2.77 -62.84	89.70 3.25 -38.60	56.44 3.57 0.00	59.78 3.71 0.00
MARSH_HILL_WT_PWR 323713	81.15 3.60 0.00	64.50 2.24 0.00	57.51 0.65 0.00	56.01 0.54 0.00	55.89 0.41 0.00	56.32 0.65 0.00	54.86 0.67 0.00	57.02 0.67 0.00	56.15 0.39 0.00	69.75 1.12 0.00	73.03 1.02 0.00	75.63 1.70 0.00	63.08 1.89 0.00	85.40 3.17 0.00	88.26 3.24 0.00	69.10 2.25 0.00	85.96 2.03 0.00	537.81 8.38 -37.66	22.94 0.49 -2.48	36.33 1.32 0.00	44.86 1.96 -1.95	50.98 2.19 -0.95	55.41 2.54 0.00	57.26 1.18 0.00
MCINTYRE_115KV_TB2 80467	80.15 2.60 0.00	64.25 1.98 0.00	58.76 1.90 0.00	57.40 1.92 0.00	57.50 2.02 0.00	57.76 2.10 0.00	55.98 1.80 0.00	57.90 1.55 0.00	56.94 1.19 0.00	69.31 0.68 0.00	71.98 -0.04 0.00	73.32 -0.62 0.00	59.50 -1.68 0.00	78.04 -4.19 0.00	79.69 -5.33 0.00	49.92 -3.72 13.21	80.04 -3.89 0.00	471.16 -20.62 0.00	19.35 -0.62 0.00	34.15 -0.86 0.00	34.48 -0.88 5.59	47.18 -0.66 0.00	53.44 0.56 0.00	58.04 1.96 0.00
MECO_____69_KV_BK1 80468	83.66 6.11 0.00	67.01 4.74 0.00	61.02 4.16 0.00	59.38 3.90 0.00	59.36 3.88 0.00	59.65 3.99 0.00	58.13 3.95 0.00	59.73 3.38 0.00	58.37 2.61 0.00	71.29 2.66 0.00	74.72 2.70 0.00	76.63 2.70 0.00	63.53 2.34 0.00	85.50 3.28 0.00	88.82 3.80 0.00	69.67 2.79 -0.03	89.12 5.19 0.00	610.54 37.07 -81.69	49.66 1.68 -28.01	38.26 3.25 0.00	112.35 4.02 -67.38	93.88 4.62 -41.42	57.60 4.73 0.00	60.57 4.49 0.00
MENANDS___115KV_TB5 355628	78.68 1.13 0.00	63.27 1.01 0.00	58.04 1.19 0.00	56.72 1.25 0.00	56.76 1.28 0.00	56.81 1.14 0.00	55.43 1.25 0.00	57.65 1.29 0.00	56.94 1.18 0.00	70.03 1.41 0.00	73.78 1.76 0.00	75.46 1.52 0.00	62.96 1.78 0.00	85.12 2.89 0.00	88.48 3.47 0.00	70.19 3.11 -0.23	91.25 3.81 -3.51	538.83 23.72 -23.33	41.15 0.89 -20.29	36.69 1.43 -0.25	86.98 1.62 -44.42	87.69 1.87 -37.98	54.28 1.41 0.00	56.95 0.87 0.00
MG INDUSTRY___DRP 24185	76.90 -0.64 0.00	61.93 -0.33 0.00	56.82 -0.04 0.00	55.56 0.08 0.00	55.58 0.10 0.00	55.65 -0.02 0.00	54.25 0.06 0.00	56.22 -0.13 0.00	55.33 -0.43 0.00	67.94 -0.69 0.00	71.42 -0.60 0.00	73.07 -0.87 0.00	60.87 -0.32 0.00	82.20 -0.03 0.00	85.34 0.33 0.00	67.26 0.52 0.12	85.61 0.81 -0.87	479.74 5.04 17.09	33.26 0.20 -13.08	35.33 0.33 0.00	69.48 0.35 -28.18	44.42 0.48 3.90	52.89 0.02 0.00	55.64 -0.43 0.00

MID___OSWEGATCHIE_HYD 23849	80.07 2.53 0.00	63.98 1.72 0.00	58.39 1.53 0.00	56.96 1.48 0.00	56.88 1.40 0.00	56.81 1.14 0.00	54.96 0.77 0.00	57.15 0.79 0.00	56.47 0.71 0.00	69.21 0.58 0.00	72.14 0.13 0.00	73.44 -0.49 0.00	59.60 -1.58 0.00	78.61 -3.62 0.00	80.70 -4.32 0.00	55.25 -3.35 8.25	80.59 -3.33 0.00	475.54 -16.24 0.00	19.53 -0.45 0.00	34.57 -0.44 0.00	53.69 -0.15 -12.90	48.29 0.45 0.00	53.87 1.00 0.00	57.75 1.67 0.00
MID___RAQUETTE_HYD 23851	78.43 0.89 0.00	62.89 0.62 0.00	57.47 0.61 0.00	56.13 0.66 0.00	56.21 0.73 0.00	56.41 0.74 0.00	54.60 0.41 0.00	56.51 0.15 0.00	55.58 -0.18 0.00	67.91 -0.72 0.00	70.66 -1.36 0.00	72.06 -1.88 0.00	58.48 -2.70 0.00	76.66 -5.57 0.00	78.40 -6.62 0.00	49.21 -5.13 12.50	78.10 -5.83 0.00	460.72 -31.05 0.00	18.85 -1.13 0.00	33.14 -1.86 0.00	32.27 -2.06 6.61	46.01 -1.83 0.00	52.25 -0.62 0.00	56.83 0.75 0.00
MILLIKEN___1 23584	79.94 2.39 0.00	63.97 1.71 0.00	57.93 1.07 0.00	56.48 1.00 0.00	56.33 0.85 0.00	56.69 1.02 0.00	55.32 1.13 0.00	57.54 1.19 0.00	56.80 1.05 0.00	69.91 1.28 0.00	73.23 1.21 0.00	75.42 1.49 0.00	62.82 1.64 0.00	84.90 2.67 0.00	87.98 2.96 0.00	69.01 2.16 0.00	86.72 2.79 0.00	544.98 16.17 -37.03	23.20 0.74 -2.49	36.62 1.62 0.00	45.28 1.97 -2.37	51.00 2.15 -1.00	54.93 2.05 0.00	57.58 1.50 0.00
MILLIKEN___2 23585	79.94 2.39 0.00	63.97 1.71 0.00	57.93 1.07 0.00	56.48 1.00 0.00	56.33 0.85 0.00	56.69 1.02 0.00	55.32 1.13 0.00	57.54 1.19 0.00	56.80 1.05 0.00	69.91 1.28 0.00	73.23 1.21 0.00	75.42 1.49 0.00	62.82 1.64 0.00	84.90 2.67 0.00	87.98 2.96 0.00	69.01 2.16 0.00	86.72 2.79 0.00	544.98 16.17 -37.03	23.20 0.74 -2.49	36.62 1.62 0.00	45.28 1.97 -2.37	51.00 2.15 -1.00	54.93 2.05 0.00	57.58 1.50 0.00
MILLIKEN___DIESEL 23629	79.94 2.39 0.00	63.97 1.71 0.00	57.93 1.07 0.00	56.48 1.00 0.00	56.33 0.85 0.00	56.69 1.02 0.00	55.32 1.13 0.00	57.54 1.19 0.00	56.80 1.05 0.00	69.91 1.28 0.00	73.23 1.21 0.00	75.42 1.49 0.00	62.82 1.64 0.00	84.90 2.67 0.00	87.98 2.96 0.00	69.01 2.16 0.00	86.72 2.79 0.00	544.98 16.17 -37.03	23.20 0.74 -2.49	36.62 1.62 0.00	45.28 1.97 -2.37	51.00 2.15 -1.00	54.93 2.05 0.00	57.58 1.50 0.00
MILLSEAT___LFGE 323607	80.86 3.31 0.00	63.88 1.62 0.00	56.60 -0.27 0.00	54.83 -0.65 0.00	54.73 -0.75 0.00	55.15 -0.52 0.00	53.47 -0.72 0.00	55.53 -0.82 0.00	55.47 -0.28 0.00	69.16 0.53 0.00	72.27 0.26 0.00	75.11 1.18 0.00	62.86 1.68 0.00	84.47 2.25 0.00	87.16 2.14 0.00	67.41 0.56 0.00	84.00 0.07 0.00	516.39 -0.66 -25.27	21.54 -0.11 -1.68	35.08 0.08 0.00	41.44 0.21 -0.29	48.52 0.67 0.00	54.01 1.14 0.00	56.27 0.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	80.03 2.49 0.00	64.30 2.04 0.00	59.15 2.29 0.00	57.86 2.38 0.00	57.68 2.20 0.00	57.86 2.19 0.00	56.60 2.41 0.00	59.24 2.88 0.00	58.81 3.05 0.00	72.54 3.91 0.00	76.94 4.92 0.00	79.06 5.12 0.00	66.65 5.46 0.00	90.23 8.00 0.00	93.72 8.70 0.00	91.23 7.16 -17.22	563.92 7.99 -472.00	3149.60 46.75 -2611.07	180.45 1.83 -158.65	59.42 3.03 -21.39	57.32 3.61 -12.76	57.52 3.93 -5.75	56.30 3.43 0.00	58.86 2.78 0.00
MILLWOOD_13_KV_LOAD 356217	80.25 2.71 0.00	64.45 2.18 0.00	59.28 2.42 0.00	57.97 2.50 0.00	57.79 2.31 0.00	57.96 2.30 0.00	56.71 2.53 0.00	59.37 3.01 0.00	58.94 3.18 0.00	72.71 4.09 0.00	77.13 5.11 0.00	79.28 5.34 0.00	66.84 5.66 0.00	90.48 8.25 0.00	94.01 8.99 0.00	91.47 7.40 -17.22	564.18 8.25 -472.00	3151.26 48.41 -2611.07	180.52 1.90 -158.65	59.54 3.15 -21.39	57.45 3.74 -12.76	57.66 4.07 -5.75	56.44 3.57 0.00	58.99 2.91 0.00
MODEL_CITY_ENERGY 24167	79.46 1.91 0.00	62.78 0.51 0.00	55.52 -1.34 0.00	53.77 -1.71 0.00	53.68 -1.80 0.00	54.08 -1.58 0.00	52.31 -1.87 0.00	54.09 -2.27 0.00	54.18 -1.58 0.00	67.78 -0.85 0.00	70.84 -1.18 0.00	73.55 -0.39 0.00	61.32 0.13 0.00	82.52 0.29 0.00	84.63 -0.39 0.00	65.26 -1.59 0.00	81.14 -2.79 0.00	501.56 -16.99 -26.78	20.89 -0.86 -1.78	33.71 -1.29 0.00	39.79 -1.47 -0.31	46.75 -1.10 -0.01	52.36 -0.51 0.00	54.64 -1.44 0.00
MODERN_LFGE___ 323580	79.46 1.91 0.00	62.78 0.51 0.00	55.52 -1.34 0.00	53.77 -1.71 0.00	53.68 -1.80 0.00	54.08 -1.58 0.00	52.31 -1.87 0.00	54.09 -2.27 0.00	54.18 -1.58 0.00	67.78 -0.85 0.00	70.84 -1.18 0.00	73.55 -0.39 0.00	61.32 0.13 0.00	82.52 0.29 0.00	84.63 -0.39 0.00	65.26 -1.59 0.00	81.14 -2.79 0.00	501.56 -16.99 -26.78	20.89 -0.86 -1.78	33.71 -1.29 0.00	39.79 -1.47 -0.31	46.75 -1.10 -0.01	52.36 -0.51 0.00	54.64 -1.44 0.00
MOHAWK_PAPER___DRP 24187	79.44 1.90 0.00	63.84 1.57 0.00	58.51 1.65 0.00	57.14 1.66 0.00	57.16 1.68 0.00	57.23 1.57 0.00	55.87 1.68 0.00	58.10 1.75 0.00	57.38 1.63 0.00	70.58 1.96 0.00	74.33 2.31 0.00	76.07 2.14 0.00	63.47 2.29 0.00	85.88 3.65 0.00	89.29 4.27 0.00	70.80 3.71 -0.24	92.16 4.71 -3.52	548.19 28.76 -27.65	42.07 1.11 -20.99	37.08 1.83 -0.25	89.28 2.09 -46.25	91.65 2.42 -41.40	54.87 2.00 0.00	57.51 1.44 0.00
MOHICAN___35_KV_115KV_LD 80490	82.83 5.29 0.00	66.35 4.08 0.00	60.57 3.71 0.00	59.00 3.52 0.00	58.98 3.50 0.00	59.38 3.71 0.00	58.03 3.84 0.00	60.11 3.76 0.00	59.22 3.46 0.00	72.66 4.03 0.00	76.47 4.46 0.00	77.73 3.80 0.00	64.70 3.52 0.00	88.29 6.06 0.00	92.22 7.20 0.00	72.81 5.91 -0.05	92.67 7.88 -0.85	604.01 48.09 -64.14	49.87 1.95 -27.96	38.40 3.39 0.00	113.39 4.31 -68.13	98.78 4.86 -46.07	57.16 4.29 0.00	59.66 3.59 0.00
MONGAUP___HYD 23641	81.19 3.65 0.00	65.01 2.75 0.00	59.53 2.67 0.00	58.15 2.67 0.00	57.96 2.48 0.00	58.17 2.50 0.00	56.88 2.69 0.00	59.38 3.02 0.00	58.66 2.90 0.00	72.01 3.38 0.00	75.89 3.88 0.00	77.92 3.99 0.00	65.24 4.05 0.00	88.56 6.33 0.00	92.34 7.32 0.00	75.11 5.87 -2.40	103.29 6.78 -12.58	1338.92 41.04 -806.10	70.91 1.66 -49.28	42.92 2.85 -5.07	51.32 3.69 -6.69	56.89 4.01 -5.03	56.47 3.60 0.00	59.28 3.20 0.00
MONTAUK___DIESEL 23721	76.47 2.58 3.66	66.59 4.33 0.00	64.16 5.59 -1.71	61.25 5.78 0.00	61.29 5.81 0.00	61.66 5.99 0.00	60.33 6.14 0.00	63.51 7.15 0.00	62.50 6.74 0.00	77.36 8.73 0.00	83.35 9.64 -1.69	81.94 10.04 2.04	89.19 9.66 -18.35	110.98 12.60 -16.14	181.68 13.76 -82.90	215.81 10.35 -138.62	582.69 12.58 -486.18	3132.50 74.07 -2566.65	243.25 2.79 -220.49	161.16 5.06 -121.09	108.46 6.36 -61.15	70.79 6.16 -16.80	56.87 4.38 0.37	60.45 3.53 -0.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	82.85 5.30 0.00	65.51 3.24 0.00	57.93 1.07 0.00	56.20 0.72 0.00	56.09 0.61 0.00	56.62 0.96 0.00	55.10 0.91 0.00	57.63 1.28 0.00	57.66 1.89 0.00	72.35 3.72 0.00	75.87 3.85 0.00	78.97 5.04 0.00	65.26 4.08 0.00	88.26 6.03 0.00	90.71 5.69 0.00	70.30 3.45 0.00	87.39 3.46 0.00	542.92 19.76 -31.39	22.76 0.69 -2.09	36.62 1.61 0.00	43.35 2.04 -0.36	50.24 2.39 -0.01	55.98 3.11 0.00	56.87 0.80 0.00

MORRIS_RIDGE___SOLAR 323848	80.18 2.64 0.00	63.66 1.39 0.00	56.72 -0.14 0.00	55.19 -0.29 0.00	55.06 -0.42 0.00	55.46 -0.21 0.00	53.92 -0.27 0.00	55.91 -0.44 0.00	55.17 -0.59 0.00	68.59 -0.04 0.00	71.83 -0.18 0.00	74.44 0.50 0.00	62.05 0.87 0.00	83.92 1.69 0.00	86.81 1.79 0.00	67.82 0.97 0.00	84.08 0.16 0.00	526.60 -1.55 -36.36	22.43 0.07 -2.39	35.53 0.53 0.00	43.74 0.92 -1.87	49.90 1.15 -0.91	54.35 1.47 0.00	56.24 0.16 0.00
MORTIMER_115KV_TB3 55949	79.99 2.44 0.00	63.47 1.20 0.00	56.79 -0.07 0.00	55.13 -0.34 0.00	55.05 -0.43 0.00	55.39 -0.27 0.00	53.86 -0.33 0.00	56.18 -0.18 0.00	56.10 0.34 0.00	69.79 1.15 0.00	73.19 1.17 0.00	75.82 1.89 0.00	63.26 2.07 0.00	85.39 3.16 0.00	88.07 3.05 0.00	68.50 1.66 0.00	85.27 1.34 0.00	515.20 6.49 -16.93	20.61 0.17 -0.47	35.51 0.50 0.00	41.59 0.65 0.00	48.85 1.01 0.00	54.15 1.28 0.00	56.48 0.40 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	80.29 2.75 0.00	64.51 2.25 0.00	59.48 2.62 0.00	58.25 2.77 0.00	58.06 2.58 0.00	58.24 2.57 0.00	57.00 2.81 0.00	59.72 3.37 0.00	59.33 3.57 0.00	73.20 4.57 0.00	77.70 5.68 0.00	79.74 5.81 0.00	67.37 6.18 0.00	91.16 8.93 0.00	94.60 9.57 0.00	92.55 7.82 -17.88	583.77 8.63 -491.20	3203.70 50.48 -2661.44	185.28 1.96 -163.35	60.39 3.27 -22.12	57.90 3.92 -13.03	57.90 4.28 -5.78	56.69 3.82 0.00	59.29 3.21 0.00
MUNSVILLE_WIND_PWR 323609	84.86 7.32 0.00	67.66 5.40 0.00	61.24 4.38 0.00	59.84 4.36 0.00	59.70 4.22 0.00	60.17 4.50 0.00	58.81 4.62 0.00	61.25 4.90 0.00	60.37 4.61 0.00	74.05 5.42 0.00	77.78 5.76 0.00	80.25 6.31 0.00	66.80 5.62 0.00	90.31 8.08 0.00	93.79 8.77 0.00	73.65 6.65 -0.16	95.34 8.56 -2.85	620.02 50.60 -77.64	28.36 2.25 -6.13	39.57 4.29 -0.28	50.61 4.93 -4.73	55.75 5.50 -2.40	58.54 5.67 0.00	61.11 5.04 0.00
N SALMON___HYD 24042	78.72 1.17 0.00	63.03 0.77 0.00	57.59 0.73 0.00	56.26 0.78 0.00	56.32 0.84 0.00	56.50 0.83 0.00	54.78 0.59 0.00	56.91 0.56 0.00	56.27 0.51 0.00	69.13 0.50 0.00	71.96 -0.06 0.00	73.68 -0.26 0.00	59.96 -1.23 0.00	79.64 -2.59 0.00	81.46 -3.56 0.00	49.16 -2.96 14.72	80.94 -2.99 0.00	476.40 -15.37 0.00	19.46 -0.52 0.00	34.09 -0.91 0.00	36.49 -1.06 3.40	46.92 -0.92 0.00	52.88 0.01 0.00	57.09 1.01 0.00
N.AKRON__115KV_KNAPP 355671	80.77 3.22 0.00	63.78 1.51 0.00	56.47 -0.39 0.00	54.70 -0.77 0.00	54.61 -0.87 0.00	55.02 -0.65 0.00	53.31 -0.87 0.00	55.34 -1.02 0.00	55.35 -0.41 0.00	69.10 0.47 0.00	72.21 0.20 0.00	75.02 1.09 0.00	62.71 1.53 0.00	84.34 2.11 0.00	86.88 1.86 0.00	67.09 0.24 0.00	83.49 -0.43 0.00	513.86 -3.58 -25.67	21.42 -0.26 -1.71	34.83 -0.17 0.00	41.15 -0.09 -0.30	48.21 0.37 -0.01	53.76 0.89 0.00	55.99 -0.09 0.00
N.E_GEN_SANDY PD 24062	74.73 2.05 4.86	64.49 1.77 -0.45	56.31 1.91 2.46	57.27 1.84 0.05	57.30 1.82 0.00	57.51 1.84 0.00	58.43 2.06 -2.18	61.49 2.20 -2.94	57.93 2.17 0.00	71.18 2.55 0.00	75.15 3.13 0.00	76.58 2.94 0.29	60.25 2.98 3.92	87.04 4.81 0.00	90.49 5.48 0.00	74.36 4.75 -2.76	144.43 5.59 -54.91	720.77 33.65 -195.34	54.36 1.30 -33.09	41.77 2.14 -4.62	80.34 2.55 -36.84	78.75 2.88 -28.02	55.19 2.32 0.00	64.18 1.65 -6.45
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	80.00 2.45 0.00	64.19 1.92 0.00	58.96 2.10 0.00	57.68 2.20 0.00	57.47 1.99 0.00	57.64 1.97 0.00	56.39 2.20 0.00	59.04 2.69 0.00	58.65 2.89 0.00	72.41 3.78 0.00	76.82 4.80 0.00	79.11 5.17 0.00	66.72 5.53 0.00	90.31 8.08 0.00	93.91 8.89 0.00	74.30 7.29 -0.16	55.44 8.07 36.56	1138.99 47.49 -599.73	56.05 1.86 -34.21	41.00 3.05 -2.95	50.66 3.60 -6.12	57.26 3.91 -5.50	56.28 3.41 0.00	58.81 2.73 0.00
N.QUEENS_27_KV_LOAD 356247	79.83 2.28 0.00	64.40 2.13 0.00	59.62 2.76 0.00	58.55 3.07 0.00	58.01 2.53 0.00	58.23 2.56 0.00	57.03 2.84 0.00	59.83 3.47 0.00	59.34 3.58 0.00	73.03 4.40 0.00	77.65 5.63 0.00	79.70 5.77 0.00	67.40 6.19 -0.03	91.63 8.92 -0.47	95.11 9.59 -0.50	93.99 7.88 -19.26	591.43 8.36 -499.15	3240.60 49.16 -2699.66	187.30 1.93 -165.40	60.62 3.34 -22.27	57.94 3.96 -13.03	57.84 4.21 -5.78	56.70 3.83 0.00	59.23 3.16 0.00
N.TROY___115KV_TB1 355778	80.17 2.63 0.00	64.43 2.17 0.00	59.01 2.15 0.00	57.52 2.04 0.00	57.54 2.06 0.00	57.74 2.08 0.00	56.41 2.23 0.00	58.60 2.25 0.00	57.84 2.08 0.00	71.02 2.40 0.00	74.80 2.78 0.00	76.40 2.47 0.00	63.60 2.41 0.00	86.23 4.00 0.00	89.65 4.63 0.00	71.18 4.00 -0.33	94.27 5.02 -5.32	582.16 30.98 -59.41	47.09 1.21 -25.91	37.47 2.03 -0.43	100.33 2.45 -56.94	96.78 2.84 -46.11	55.26 2.39 0.00	57.89 1.81 0.00
NARROWS_GT1_1 24228	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT1_2 24229	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT1_3 24230	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT1_4 24231	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT1_5 24232	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00

NARROWS_GT1_6 24233	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT1_7 24234	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT1_8 24235	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	93.55 8.21 -18.49	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT2_1 24236	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT2_2 24237	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT2_3 24238	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT2_4 24239	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT2_5 24240	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT2_6 24241	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT2_7 24242	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NARROWS_GT2_8 24243	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.77 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.55 0.00	91.61 9.38 0.00	95.11 10.08 -0.01	105.70 8.21 -30.64	578.93 7.93 -487.06	3200.87 47.40 -2661.69	185.18 1.86 -163.36	60.31 3.19 -22.12	57.91 3.93 -13.03	57.89 4.27 -5.78	56.78 3.91 0.00	59.35 3.28 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	79.84 2.30 0.00	64.11 1.85 0.00	58.71 1.85 0.00	57.35 1.87 0.00	57.36 1.88 0.00	57.42 1.76 0.00	55.98 1.80 0.00	58.05 1.69 0.00	57.05 1.30 0.00	69.80 1.17 0.00	73.22 1.20 0.00	74.85 0.91 0.00	62.39 1.20 0.00	84.38 2.15 0.00	87.88 2.86 0.00	70.30 2.72 -0.73	104.61 4.32 -16.37	605.57 25.06 -88.74	42.20 0.98 -21.24	38.60 2.08 -1.51	70.02 2.29 -26.78	44.59 2.77 6.02	55.08 2.21 0.00	57.71 1.63 0.00
NCHELSEA_115KV_TR2 355582	80.75 3.21 0.00	64.84 2.58 0.00	59.48 2.62 0.00	58.11 2.63 0.00	57.93 2.45 0.00	58.11 2.45 0.00	56.88 2.69 0.00	59.51 3.16 0.00	59.03 3.28 0.00	72.86 4.23 0.00	77.22 5.20 0.00	79.45 5.51 0.00	66.82 5.64 0.00	90.48 8.25 0.00	94.10 9.08 0.00	78.48 7.50 -4.12	169.37 8.68 -76.75	1020.36 49.19 -479.40	69.57 1.94 -47.65	45.53 3.24 -7.29	52.90 3.84 -8.11	57.65 4.31 -5.50	56.80 3.93 0.00	59.32 3.24 0.00
NEG CAPITAL___MECHNVIL 23645	81.87 4.33 0.00	65.68 3.42 0.00	60.02 3.16 0.00	58.47 3.00 0.00	58.47 2.99 0.00	58.74 3.07 0.00	57.42 3.24 0.00	59.61 3.25 0.00	58.83 3.07 0.00	72.20 3.57 0.00	76.08 4.06 0.00	77.76 3.82 0.00	64.74 3.56 0.00	87.93 5.71 0.00	91.54 6.52 0.00	72.40 5.35 -0.21	94.54 7.14 -3.47	604.90 43.44 -69.68	49.70 1.72 -28.01	38.20 2.94 -0.25	109.28 3.57 -64.77	98.07 4.07 -46.16	56.54 3.66 0.00	59.13 3.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	78.39 0.85 0.00	62.30 0.04 0.00	55.92 -0.94 0.00	54.33 -1.14 0.00	54.25 -1.23 0.00	54.58 -1.08 0.00	53.14 -1.05 0.00	55.44 -0.91 0.00	55.25 -0.51 0.00	68.67 0.05 0.00	72.01 -0.01 0.00	74.51 0.57 0.00	62.14 0.95 0.00	84.03 1.80 0.00	86.60 1.58 0.00	67.53 0.68 0.00	84.23 0.30 0.00	508.25 0.27 -16.21	20.37 -0.05 -0.45	35.15 0.15 0.00	41.10 0.16 0.00	48.16 0.32 0.00	53.23 0.36 0.00	55.60 -0.47 0.00



NEG CENTRAL___DRP 24199	79.38 1.83 0.00	63.36 1.09 0.00	57.10 0.24 0.00	55.61 0.13 0.00	55.47 -0.01 0.00	55.85 0.19 0.00	54.48 0.29 0.00	56.75 0.40 0.00	56.13 0.37 0.00	69.40 0.77 0.00	72.77 0.76 0.00	75.12 1.19 0.00	62.65 1.47 0.00	84.89 2.66 0.00	87.72 2.70 0.00	68.81 1.97 0.00	86.12 2.20 0.00	525.17 10.73 -22.66	22.03 0.55 -1.50	36.27 1.27 0.00	43.06 1.51 -0.61	49.45 1.61 0.00	54.38 1.51 0.00	56.82 0.75 0.00
NEG CENTRAL___INDECK 23768	81.17 3.62 0.00	64.30 2.03 0.00	57.38 0.53 0.00	55.75 0.27 0.00	55.65 0.17 0.00	56.08 0.42 0.00	54.73 0.54 0.00	56.91 0.56 0.00	55.96 0.20 0.00	69.03 0.40 0.00	72.33 0.31 0.00	73.81 -0.12 0.00	60.69 -0.49 0.00	81.76 -0.47 0.00	84.28 -0.73 0.00	66.92 0.07 0.00	83.54 -0.39 0.00	514.46 -8.03 -30.71	22.02 0.00 -2.05	35.35 0.35 0.00	42.01 0.71 -0.36	49.01 1.16 -0.01	56.02 3.15 0.00	57.41 1.34 0.00
NEG CENTRAL___SENECA 23627	80.11 2.56 0.00	63.81 1.55 0.00	57.32 0.46 0.00	55.81 0.33 0.00	55.70 0.22 0.00	56.10 0.44 0.00	54.72 0.54 0.00	57.04 0.68 0.00	56.43 0.67 0.00	69.91 1.28 0.00	73.26 1.24 0.00	75.75 1.81 0.00	63.19 2.01 0.00	85.68 3.45 0.00	88.57 3.55 0.00	69.40 2.55 0.00	86.82 2.89 0.00	531.38 14.27 -25.33	22.38 0.72 -1.69	36.63 1.63 0.00	43.18 1.94 -0.29	49.91 2.07 0.00	54.95 2.07 0.00	57.15 1.07 0.00
NEG CENTRAL___STATE_STREET 24147	78.79 1.25 0.00	63.16 0.89 0.00	57.24 0.38 0.00	55.79 0.31 0.00	55.51 0.04 0.00	55.96 0.29 0.00	54.62 0.43 0.00	56.80 0.44 0.00	56.18 0.42 0.00	69.12 0.49 0.00	72.57 0.56 0.00	74.73 0.80 0.00	62.23 1.05 0.00	84.03 1.80 0.00	86.86 1.84 0.00	68.13 1.28 0.00	85.59 1.66 0.00	522.87 8.89 -22.21	21.86 0.41 -1.48	36.00 1.00 0.00	42.78 1.20 -0.63	49.11 1.26 0.00	53.95 1.08 0.00	56.76 0.69 0.00
NEG MILLWOOD___DRP 24198	81.09 3.54 0.00	65.08 2.81 0.00	59.74 2.88 0.00	58.39 2.91 0.00	58.18 2.70 0.00	58.39 2.72 0.00	57.15 2.96 0.00	59.80 3.44 0.00	59.36 3.60 0.00	73.29 4.66 0.00	77.76 5.74 0.00	79.99 6.05 0.00	67.39 6.21 0.00	91.39 9.16 0.00	94.99 9.97 0.00	79.33 8.22 -4.27	173.33 9.43 -79.96	902.57 54.00 -356.78	67.25 2.10 -45.17	46.06 3.52 -7.54	53.16 4.13 -8.09	58.14 4.55 -5.75	56.96 4.09 0.00	59.45 3.38 0.00
NEG NORTH_FLCN_SEA 23793	77.61 0.06 0.00	62.29 0.02 0.00	56.96 0.10 0.00	55.90 0.42 0.00	55.94 0.46 0.00	55.89 0.23 0.00	54.32 0.13 0.00	56.37 0.02 0.00	55.72 -0.04 0.00	68.37 -0.26 0.00	71.45 -0.56 0.00	73.10 -0.83 0.00	59.71 -1.47 0.00	79.73 -2.50 0.00	81.64 -3.38 0.00	47.98 -3.12 15.75	80.24 -3.69 0.00	474.63 -17.15 0.00	19.31 -0.67 0.00	33.82 -1.18 0.00	37.71 -1.32 1.91	46.31 -1.53 0.00	51.85 -1.02 0.00	56.24 0.16 0.00
NEG NORTH_KES_CHATEGAY 23792	77.68 0.14 0.00	62.36 0.09 0.00	57.02 0.16 0.00	55.77 0.29 0.00	55.84 0.35 0.00	55.92 0.26 0.00	54.28 0.09 0.00	56.32 -0.04 0.00	55.67 -0.09 0.00	68.37 -0.26 0.00	71.32 -0.70 0.00	73.06 -0.88 0.00	59.61 -1.58 0.00	79.29 -2.95 0.00	81.20 -3.82 0.00	48.08 -3.29 15.47	80.26 -3.67 0.00	473.47 -18.31 0.00	19.28 -0.69 0.00	33.78 -1.22 0.00	37.25 -1.39 2.31	46.32 -1.52 0.00	52.00 -0.88 0.00	56.27 0.19 0.00
NEG NORTH___ALICE_FALLS 23915	78.41 0.86 0.00	62.86 0.59 0.00	57.43 0.57 0.00	56.26 0.78 0.00	56.30 0.82 0.00	56.37 0.71 0.00	54.76 0.57 0.00	56.83 0.47 0.00	56.15 0.40 0.00	68.95 0.33 0.00	71.95 -0.07 0.00	73.65 -0.29 0.00	60.12 -1.07 0.00	80.31 -1.92 0.00	82.23 -2.80 0.00	48.44 -2.70 15.71	80.99 -2.94 0.00	479.56 -12.22 0.00	19.50 -0.48 0.00	34.19 -0.82 0.00	38.06 -0.92 1.97	46.83 -1.01 0.00	52.49 -0.38 0.00	56.77 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	78.41 0.86 0.00	62.86 0.59 0.00	57.43 0.57 0.00	56.26 0.78 0.00	56.30 0.82 0.00	56.37 0.71 0.00	54.76 0.57 0.00	56.83 0.47 0.00	56.15 0.40 0.00	68.95 0.33 0.00	71.95 -0.07 0.00	73.65 -0.29 0.00	60.12 -1.07 0.00	80.31 -1.92 0.00	82.23 -2.80 0.00	48.44 -2.70 15.71	80.99 -2.94 0.00	479.56 -12.22 0.00	19.50 -0.48 0.00	34.19 -0.82 0.00	38.06 -0.92 1.97	46.83 -1.01 0.00	52.49 -0.38 0.00	56.77 0.70 0.00
NEG NORTH___PLATTSBURG 23628	78.41 0.86 0.00	62.86 0.59 0.00	57.43 0.57 0.00	56.26 0.78 0.00	56.30 0.82 0.00	56.37 0.71 0.00	54.76 0.57 0.00	56.83 0.47 0.00	56.16 0.40 0.00	68.96 0.33 0.00	71.95 -0.07 0.00	73.65 -0.29 0.00	60.12 -1.07 0.00	80.31 -1.92 0.00	82.23 -2.79 0.00	48.43 -2.71 15.71	80.98 -2.95 0.00	479.47 -12.30 0.00	19.50 -0.48 0.00	34.19 -0.82 0.00	38.06 -0.92 1.97	46.83 -1.01 0.00	52.49 -0.38 0.00	56.78 0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	79.50 1.96 0.00	62.83 0.57 0.00	55.58 -1.28 0.00	53.83 -1.65 0.00	53.72 -1.76 0.00	54.11 -1.56 0.00	52.37 -1.82 0.00	54.31 -2.04 0.00	54.42 -1.34 0.00	68.06 -0.57 0.00	71.11 -0.91 0.00	73.80 -0.13 0.00	61.55 0.37 0.00	82.87 0.64 0.00	85.06 0.04 0.00	65.61 -1.23 0.00	81.40 -2.53 0.00	503.25 -15.03 -26.50	20.98 -0.76 -1.76	33.90 -1.10 0.00	40.04 -1.21 -0.30	46.99 -0.85 -0.01	52.60 -0.27 0.00	54.78 -1.30 0.00
NEG WEST___LANCASTR 23811	79.96 2.42 0.00	63.26 0.99 0.00	56.12 -0.74 0.00	54.47 -1.00 0.00	54.35 -1.13 0.00	54.75 -0.91 0.00	53.14 -1.05 0.00	55.47 -0.88 0.00	55.55 -0.21 0.00	69.49 0.86 0.00	72.79 0.78 0.00	75.65 1.72 0.00	63.06 1.87 0.00	85.21 2.98 0.00	87.66 2.64 0.00	67.80 0.95 0.00	84.25 0.32 0.00	524.81 1.66 -31.37	21.99 -0.07 -2.09	35.17 0.17 0.00	41.59 0.29 -0.36	48.35 0.51 -0.01	53.78 0.91 0.00	55.67 -0.41 0.00
NEG_PENN_ALLEGHNY 23528	79.17 1.62 0.00	63.32 1.06 0.00	57.31 0.45 0.00	55.97 0.49 0.00	55.87 0.38 0.00	56.17 0.50 0.00	54.80 0.61 0.00	57.12 0.76 0.00	56.52 0.77 0.00	70.04 1.41 0.00	73.56 1.55 0.00	75.96 2.03 0.00	63.33 2.14 0.00	85.66 3.43 0.00	88.69 3.67 0.00	69.67 2.66 -0.16	89.98 3.14 -2.91	585.99 16.72 -77.49	26.29 0.69 -5.63	36.64 1.35 -0.28	45.90 1.65 -3.30	51.27 1.82 -1.61	54.58 1.71 0.00	56.99 0.91 0.00
NEG___GEN_MONROE 24207	81.04 3.49 0.00	64.19 1.93 0.00	57.23 0.37 0.00	55.47 -0.01 0.00	55.34 -0.13 0.00	55.72 0.06 0.00	54.19 0.00 0.00	56.44 0.08 0.00	56.35 0.59 0.00	70.06 1.43 0.00	73.39 1.37 0.00	76.11 2.17 0.00	63.54 2.36 0.00	85.67 3.44 0.00	88.49 3.47 0.00	68.82 1.97 0.00	85.67 1.74 0.00	521.94 8.82 -21.34	21.71 0.32 -1.41	35.76 0.76 0.00	42.17 0.98 -0.24	49.27 1.42 0.00	54.59 1.72 0.00	56.96 0.88 0.00
NEPA___ENERGY 23901	80.25 2.70 0.00	63.61 1.34 0.00	56.31 -0.55 0.00	54.89 -0.59 0.00	54.68 -0.80 0.00	55.18 -0.49 0.00	53.67 -0.52 0.00	56.05 -0.31 0.00	55.93 0.17 0.00	70.18 1.55 0.00	73.59 1.58 0.00	76.66 2.72 0.00	63.84 2.65 0.00	86.41 4.18 0.00	89.14 4.11 0.00	69.03 2.18 0.00	85.70 1.77 0.00	531.70 8.22 -31.70	22.33 0.25 -2.11	35.80 0.80 0.00	42.51 1.20 -0.37	49.25 1.40 -0.01	54.62 1.75 0.00	56.10 0.03 0.00

NEVERSINK___HYD 23608	79.69 2.14 0.00	63.85 1.58 0.00	58.49 1.63 0.00	57.14 1.66 0.00	56.96 1.48 0.00	57.14 1.48 0.00	55.92 1.73 0.00	58.48 2.13 0.00	58.00 2.24 0.00	71.56 2.93 0.00	75.79 3.77 0.00	78.00 4.07 0.00	65.54 4.35 0.00	88.40 6.17 0.00	90.02 5.01 0.00	73.92 4.23 -2.85	136.06 4.59 -47.54	1062.22 27.13 -543.32	62.68 1.10 -41.60	42.19 1.90 -5.28	52.28 3.30 -8.03	55.33 3.56 -3.93	55.94 3.07 0.00	58.42 2.34 0.00
NEWKRMKL_115KV_TB1 55635	78.28 0.73 0.00	62.95 0.69 0.00	57.75 0.89 0.00	56.48 1.01 0.00	56.51 1.03 0.00	56.51 0.84 0.00	55.15 0.96 0.00	57.36 1.00 0.00	56.64 0.88 0.00	69.66 1.04 0.00	73.40 1.39 0.00	75.11 1.17 0.00	62.71 1.53 0.00	84.70 2.47 0.00	88.05 3.03 0.00	69.58 2.77 0.04	88.25 3.41 -0.91	519.38 21.48 -6.12	39.13 0.79 -18.36	36.27 1.26 0.00	85.15 1.39 -42.81	66.56 1.60 -17.12	54.00 1.13 0.00	56.68 0.60 0.00
NEWTON___FALLS_HYD 23847	80.07 2.53 0.00	63.98 1.72 0.00	58.39 1.53 0.00	56.96 1.48 0.00	56.88 1.40 0.00	56.81 1.14 0.00	54.96 0.77 0.00	57.15 0.79 0.00	56.47 0.71 0.00	69.21 0.58 0.00	72.14 0.13 0.00	73.44 -0.49 0.00	59.60 -1.58 0.00	78.61 -3.62 0.00	80.70 -4.32 0.00	55.25 -3.35 8.25	80.59 -3.33 0.00	475.54 -16.24 0.00	19.53 -0.45 0.00	34.57 -0.44 0.00	53.69 -0.15 -12.90	48.29 0.45 0.00	53.87 1.00 0.00	57.75 1.67 0.00
NGRID_A1_DSASP 323792	78.42 0.88 0.00	62.25 -0.02 0.00	55.10 -1.77 0.00	53.37 -2.11 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.80 0.00	70.94 -1.08 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.01 0.00	84.04 -0.98 0.00	64.78 -2.07 0.00	80.38 -3.54 0.00	497.19 -21.57 -26.98	20.69 -1.08 -1.79	33.34 -1.67 0.00	39.33 -1.92 -0.31	46.26 -1.58 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
NGRID_A2_DSASP 323793	78.42 0.88 0.00	62.25 -0.02 0.00	55.10 -1.77 0.00	53.37 -2.11 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.80 0.00	70.94 -1.08 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.01 0.00	84.04 -0.98 0.00	64.78 -2.07 0.00	80.38 -3.54 0.00	497.19 -21.57 -26.98	20.69 -1.08 -1.79	33.34 -1.67 0.00	39.33 -1.92 -0.31	46.26 -1.58 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
NGRID_A4_DSASP 323807	78.42 0.88 0.00	62.25 -0.02 0.00	55.10 -1.77 0.00	53.37 -2.11 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.80 0.00	70.94 -1.08 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.01 0.00	84.04 -0.98 0.00	64.78 -2.07 0.00	80.38 -3.54 0.00	497.19 -21.57 -26.98	20.69 -1.08 -1.79	33.34 -1.67 0.00	39.33 -1.92 -0.31	46.26 -1.58 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
NIAGARA_115E_LBMP 323715	79.27 1.72 0.00	62.64 0.37 0.00	55.38 -1.48 0.00	53.65 -1.83 0.00	53.56 -1.92 0.00	53.96 -1.70 0.00	52.17 -2.02 0.00	53.87 -2.48 0.00	53.96 -1.80 0.00	67.51 -1.12 0.00	70.57 -1.45 0.00	73.27 -0.67 0.00	61.06 -0.13 0.00	82.15 -0.08 0.00	84.18 -0.84 0.00	64.92 -1.93 0.00	80.72 -3.21 0.00	499.15 -19.65 -27.02	20.79 -0.98 -1.79	33.49 -1.51 0.00	39.54 -1.71 -0.31	46.49 -1.36 -0.01	52.12 -0.76 0.00	54.42 -1.66 0.00
NIAGARA_115W_LBMP 323714	78.23 0.69 0.00	62.11 -0.15 0.00	54.98 -1.88 0.00	53.26 -2.21 0.00	53.17 -2.31 0.00	53.51 -2.15 0.00	51.78 -2.41 0.00	53.87 -2.48 0.00	54.12 -1.64 0.00	67.68 -0.95 0.00	70.77 -1.25 0.00	73.40 -0.54 0.00	61.18 -0.01 0.00	81.97 -0.26 0.00	83.78 -1.24 0.00	64.58 -2.27 0.00	80.20 -3.72 0.00	495.67 -23.05 -26.93	20.63 -1.13 -1.79	33.24 -1.76 0.00	39.22 -2.03 -0.31	46.14 -1.70 -0.01	51.71 -1.16 0.00	54.10 -1.97 0.00
NIAGARA_230_LBMP 323716	79.08 1.54 0.00	62.56 0.29 0.00	55.40 -1.46 0.00	53.68 -1.80 0.00	53.58 -1.91 0.00	53.91 -1.76 0.00	52.20 -1.99 0.00	54.31 -2.04 0.00	54.51 -1.25 0.00	68.13 -0.50 0.00	71.25 -0.77 0.00	73.92 -0.02 0.00	61.60 0.41 0.00	82.93 0.70 0.00	84.98 -0.04 0.00	65.53 -1.31 0.00	81.38 -2.55 0.00	502.75 -15.56 -26.54	20.91 -0.82 -1.76	33.77 -1.23 0.00	39.87 -1.38 -0.30	46.81 -1.04 -0.01	52.41 -0.46 0.00	54.55 -1.53 0.00
NIAGARA___115KV_198_GIBSON 55903	78.25 0.71 0.00	62.10 -0.16 0.00	54.97 -1.88 0.00	53.27 -2.21 0.00	53.17 -2.31 0.00	53.51 -2.15 0.00	51.78 -2.41 0.00	53.88 -2.48 0.00	54.12 -1.64 0.00	67.69 -0.94 0.00	70.76 -1.26 0.00	73.40 -0.54 0.00	61.18 -0.01 0.00	81.97 -0.26 0.00	83.78 -1.24 0.00	64.57 -2.28 0.00	80.06 -3.87 0.00	495.18 -23.54 -26.94	20.63 -1.14 -1.79	33.22 -1.78 0.00	39.22 -2.03 -0.31	46.14 -1.71 -0.01	51.72 -1.15 0.00	54.10 -1.97 0.00
NIAGARA____ 23760	79.08 1.54 0.00	62.56 0.29 0.00	55.40 -1.46 0.00	53.68 -1.80 0.00	53.58 -1.91 0.00	53.91 -1.76 0.00	52.20 -1.99 0.00	54.31 -2.04 0.00	54.51 -1.25 0.00	68.13 -0.50 0.00	71.25 -0.77 0.00	73.92 -0.02 0.00	61.60 0.41 0.00	82.93 0.70 0.00	84.98 -0.04 0.00	65.53 -1.31 0.00	81.38 -2.55 0.00	502.98 -15.56 -26.77	20.93 -0.82 -1.78	33.77 -1.23 0.00	39.87 -1.38 -0.31	46.81 -1.04 -0.01	52.41 -0.46 0.00	54.55 -1.53 0.00
NINE_MILE_1 23575	75.56 -1.98 0.00	60.54 -1.72 0.00	55.07 -1.79 0.00	53.69 -1.79 0.00	53.64 -1.84 0.00	53.87 -1.80 0.00	52.46 -1.73 0.00	54.61 -1.74 0.00	54.08 -1.68 0.00	66.70 -1.92 0.00	69.86 -2.16 0.00	71.87 -2.07 0.00	59.70 -1.49 0.00	80.45 -1.78 0.00	83.20 -1.82 0.00	65.38 -1.47 0.00	82.11 -1.82 0.00	479.53 -12.25 0.00	19.50 -0.47 0.00	34.28 -0.73 0.00	40.07 -0.88 0.00	46.80 -1.04 0.00	51.57 -1.30 0.00	54.45 -1.62 0.00
NINE_MILE_2 23744	75.56 -1.98 0.00	60.54 -1.72 0.00	55.07 -1.79 0.00	53.69 -1.79 0.00	53.64 -1.84 0.00	53.87 -1.80 0.00	52.47 -1.72 0.00	54.62 -1.74 0.00	54.08 -1.68 0.00	66.70 -1.92 0.00	69.86 -2.16 0.00	71.87 -2.07 0.00	59.70 -1.49 0.00	80.45 -1.78 0.00	83.20 -1.82 0.00	65.38 -1.47 0.00	82.11 -1.82 0.00	479.53 -12.25 0.00	19.50 -0.47 0.00	34.28 -0.73 0.00	40.06 -0.88 0.00	46.80 -1.04 0.00	51.57 -1.30 0.00	54.45 -1.62 0.00
NM_CAPITAL___DRP 24208	78.43 0.89 0.00	63.08 0.82 0.00	57.87 1.02 0.00	56.58 1.10 0.00	56.63 1.15 0.00	56.64 0.97 0.00	55.27 1.09 0.00	57.50 1.14 0.00	56.78 1.02 0.00	69.82 1.19 0.00	73.55 1.53 0.00	75.23 1.29 0.00	62.78 1.60 0.00	84.84 2.62 0.00	88.19 3.17 0.00	69.79 2.88 -0.06	88.37 3.50 -0.94	516.73 22.08 -2.87	38.81 0.82 -18.02	36.31 1.30 0.00	84.49 1.47 -42.07	82.35 1.69 -32.82	54.09 1.22 0.00	56.78 0.70 0.00
NM_CENTRAL___DRP 24181	77.31 -0.24 0.00	61.85 -0.42 0.00	56.15 -0.71 0.00	54.70 -0.78 0.00	54.65 -0.83 0.00	54.89 -0.78 0.00	53.52 -0.67 0.00	55.76 -0.59 0.00	55.21 -0.55 0.00	68.22 -0.41 0.00	71.57 -0.45 0.00	73.77 -0.16 0.00	61.38 0.20 0.00	82.92 0.69 0.00	85.80 0.78 0.00	67.40 0.56 0.00	84.55 0.63 0.00	493.30 1.52 0.00	20.06 0.09 0.00	35.29 0.28 0.00	41.80 0.30 -0.55	48.14 0.30 0.00	52.90 0.03 0.00	55.65 -0.43 0.00

NM_FRONTIER___DRP 24179	78.25 0.71 0.00	62.10 -0.16 0.00	54.97 -1.88 0.00	53.27 -2.21 0.00	53.17 -2.31 0.00	53.51 -2.15 0.00	51.78 -2.41 0.00	53.88 -2.48 0.00	54.12 -1.64 0.00	67.69 -0.94 0.00	70.76 -1.26 0.00	73.40 -0.54 0.00	61.18 -0.01 0.00	81.97 -0.26 0.00	83.78 -1.24 0.00	64.57 -2.28 0.00	80.06 -3.87 0.00	495.18 -23.54 -26.94	20.63 -1.14 -1.79	33.22 -1.78 0.00	39.22 -2.03 -0.31	46.14 -1.71 -0.01	51.72 -1.15 0.00	54.10 -1.97 0.00
NM_ST_REGIS___HYD 24053	78.56 1.02 0.00	62.97 0.70 0.00	57.54 0.68 0.00	56.20 0.72 0.00	56.28 0.80 0.00	56.46 0.79 0.00	54.68 0.48 0.00	56.63 0.27 0.00	55.78 0.02 0.00	68.24 -0.39 0.00	70.98 -1.04 0.00	72.44 -1.50 0.00	58.82 -2.36 0.00	77.34 -4.89 0.00	79.10 -5.92 0.00	49.28 -4.61 12.96	78.78 -5.15 0.00	464.57 -27.20 0.00	19.00 -0.97 0.00	33.38 -1.63 0.00	33.19 -1.80 5.95	46.24 -1.60 0.00	52.44 -0.43 0.00	56.93 0.85 0.00
NORTHPORT___1 23551	75.07 1.66 4.14	64.34 2.08 0.01	61.82 3.25 -1.71	58.64 3.16 0.00	58.40 2.92 0.00	58.49 2.82 0.00	56.90 2.71 0.00	59.52 3.17 0.00	58.85 3.10 0.00	72.27 3.64 0.00	74.50 4.33 1.85	76.03 4.38 2.29	59.08 5.13 7.23	80.96 7.15 8.42	60.40 8.24 32.87	72.03 6.11 0.93	440.73 6.54 -350.25	2945.17 38.96 -2414.43	143.39 1.65 -121.77	77.87 3.04 -39.83	77.72 3.75 -33.02	54.90 3.85 -3.21	54.25 2.74 1.37	57.15 2.45 1.38
NORTHPORT___2 23552	75.07 1.66 4.14	64.34 2.08 0.01	61.82 3.25 -1.71	58.64 3.16 0.00	58.40 2.92 0.00	58.49 2.82 0.00	56.90 2.71 0.00	59.52 3.17 0.00	58.85 3.10 0.00	72.27 3.64 0.00	74.50 4.33 1.85	76.03 4.38 2.29	59.08 5.13 7.23	80.96 7.15 8.42	60.40 8.24 32.87	72.03 6.11 0.93	440.73 6.54 -350.25	2945.17 38.96 -2414.43	143.39 1.65 -121.77	77.87 3.04 -39.83	77.72 3.75 -33.02	54.90 3.85 -3.21	54.25 2.74 1.37	57.15 2.45 1.38
NORTHPORT___3 23553	75.01 1.69 4.23	64.32 2.05 0.01	61.79 3.22 -1.71	58.63 3.16 0.00	58.39 2.91 0.00	58.50 2.83 0.00	56.88 2.69 0.00	59.47 3.12 0.00	58.78 3.02 0.00	72.11 3.48 0.00	74.58 3.93 1.37	75.90 4.30 2.33	59.09 5.15 7.25	80.86 6.99 8.35	61.35 8.18 31.86	72.07 6.24 1.02	439.50 6.95 -348.62	2941.12 40.44 -2408.90	142.88 1.75 -121.16	78.19 3.30 -39.89	75.39 4.05 -30.39	55.79 3.91 -4.05	54.60 2.76 1.03	58.01 2.45 0.51
NORTHPORT___4 23650	75.01 1.69 4.23	64.32 2.05 0.01	61.79 3.22 -1.71	58.63 3.16 0.00	58.39 2.91 0.00	58.50 2.83 0.00	56.88 2.69 0.00	59.47 3.12 0.00	58.78 3.02 0.00	72.11 3.48 0.00	74.58 3.93 1.37	75.90 4.30 2.33	59.09 5.15 7.25	80.86 6.99 8.35	61.35 8.18 31.86	72.07 6.24 1.02	439.50 6.95 -348.62	2941.12 40.44 -2408.90	142.88 1.75 -121.16	78.19 3.30 -39.89	75.39 4.05 -30.39	55.79 3.91 -4.05	54.60 2.76 1.03	58.01 2.45 0.51
NORTHPORT___IC 23718	75.04 1.63 4.14	64.35 2.09 0.01	61.81 3.24 -1.71	58.64 3.16 0.00	58.40 2.92 0.00	58.49 2.82 0.00	56.90 2.72 0.00	59.53 3.18 0.00	58.85 3.10 0.00	72.26 3.64 0.00	74.50 4.33 1.85	76.03 4.38 2.29	59.10 5.15 7.24	81.10 7.29 8.42	60.48 8.33 32.87	72.09 6.17 0.93	441.04 6.85 -350.25	2945.37 39.16 -2414.43	143.40 1.66 -121.77	77.86 3.03 -39.83	77.71 3.75 -33.02	54.87 3.83 -3.21	54.24 2.74 1.37	57.16 2.46 1.38
NORTH___COUNTRY_ESR 323785	77.47 -0.07 0.00	62.22 -0.05 0.00	56.88 0.02 0.00	55.63 0.15 0.00	55.70 0.22 0.00	55.80 0.13 0.00	54.15 -0.04 0.00	56.23 -0.12 0.00	55.67 -0.09 0.00	68.35 -0.28 0.00	71.31 -0.71 0.00	73.05 -0.89 0.00	59.59 -1.59 0.00	79.28 -2.95 0.00	81.19 -3.83 0.00	48.08 -3.30 15.47	80.18 -3.75 0.00	473.11 -18.66 0.00	19.25 -0.72 0.00	33.69 -1.31 0.00	37.11 -1.52 2.32	46.16 -1.68 0.00	51.83 -1.04 0.00	56.10 0.03 0.00
NPX_GEN_1385_PROXY 323591	75.09 1.69 4.14	64.31 2.05 0.01	62.02 3.45 -1.71	58.97 3.49 0.00	59.00 3.52 0.00	58.75 3.09 0.00	56.93 2.93 0.19	56.34 3.33 3.34	58.99 3.23 0.00	72.48 3.85 0.00	75.56 5.39 1.85	76.82 5.17 2.29	59.45 5.50 7.23	80.75 6.95 8.42	60.30 8.15 32.87	71.83 5.91 0.93	440.90 6.71 -350.25	2948.62 42.41 -2414.43	143.40 1.65 -121.77	77.44 2.61 -39.83	78.06 4.10 -33.02	55.57 4.53 -3.21	54.97 3.47 1.37	61.54 3.21 -2.25
NPX_GEN_CSC 323557	76.03 2.15 3.67	64.75 2.48 0.00	62.00 3.43 -1.71	58.77 3.30 0.00	58.50 3.02 0.00	58.66 2.99 0.00	56.97 2.98 0.19	56.68 3.67 3.34	59.46 3.70 0.00	73.29 4.66 0.00	79.14 5.47 -1.65	77.68 5.79 2.05	72.34 6.28 -4.88	94.46 8.70 -3.53	120.18 9.93 -25.23	152.14 7.24 -78.05	573.09 7.77 -481.39	3102.95 45.76 -2565.42	215.53 1.77 -193.79	117.95 3.74 -79.20	99.74 4.72 -54.08	65.05 4.80 -12.40	56.16 3.67 0.39	63.64 3.11 -4.45
NSINS_S_GLNS_FALLS 23858	82.67 5.12 0.00	66.22 3.96 0.00	60.42 3.57 0.00	58.87 3.39 0.00	58.84 3.36 0.00	59.24 3.57 0.00	57.90 3.71 0.00	59.99 3.64 0.00	59.12 3.36 0.00	72.58 3.95 0.00	76.41 4.39 0.00	77.64 3.44 0.00	64.63 3.44 0.00	88.19 5.96 0.00	92.08 7.06 0.00	72.68 5.78 -0.05	92.49 7.71 -0.85	603.93 46.93 -65.22	49.98 1.90 -28.10	38.29 3.29 0.00	113.68 4.22 -68.52	98.67 4.77 -46.06	57.08 4.20 0.00	59.56 3.48 0.00
NUCOR_STEEL___DRP 24197	78.59 1.05 0.00	63.06 0.79 0.00	57.16 0.30 0.00	55.74 0.25 0.00	55.42 -0.06 0.00	55.88 0.21 0.00	54.55 0.36 0.00	56.71 0.35 0.00	56.12 0.36 0.00	68.99 0.36 0.00	72.47 0.45 0.00	74.60 0.66 0.00	62.12 0.94 0.00	83.74 1.51 0.00	86.58 1.56 0.00	67.91 1.06 0.00	85.31 1.39 0.00	519.83 6.84 -21.22	21.72 0.33 -1.41	35.82 0.82 0.00	42.55 0.97 -0.63	48.89 1.05 0.00	53.76 0.89 0.00	56.65 0.58 0.00
NUMBER_THREE_WT_PWR 323818	81.63 4.09 0.00	65.12 2.85 0.00	59.34 2.48 0.00	57.83 2.35 0.00	57.65 2.17 0.00	57.28 1.61 0.00	55.28 1.10 0.00	57.76 1.41 0.00	57.38 1.62 0.00	70.54 1.92 0.00	73.69 1.67 0.00	74.95 1.01 0.00	61.04 -0.15 0.00	81.00 -1.22 0.00	83.45 -1.56 0.00	62.54 -1.19 3.12	83.61 -0.32 0.00	493.95 2.18 0.00	20.30 0.33 0.00	36.09 1.09 0.00	48.24 1.72 -5.58	50.30 2.46 0.00	55.34 2.47 0.00	58.63 2.55 0.00
NYISO_LBMP_REFERENCE 24008	77.55 0.00 0.00	62.26 0.00 0.00	56.86 0.00 0.00	55.48 0.00 0.00	55.48 0.00 0.00	55.67 0.00 0.00	54.19 0.00 0.00	56.35 0.00 0.00	55.76 0.00 0.00	68.63 0.00 0.00	72.02 0.00 0.00	73.94 0.00 0.00	61.19 0.00 0.00	82.23 0.00 0.00	85.02 0.00 0.00	66.85 0.00 0.00	83.93 0.00 0.00	491.78 0.00 0.00	19.97 0.00 0.00	35.00 0.00 0.00	40.95 0.00 0.00	47.84 0.00 0.00	52.87 0.00 0.00	56.08 0.00 0.00
NYPA_BRENTWD____GT 24164	77.97 3.52 3.09	65.66 3.40 0.00	62.82 4.25 -1.71	59.56 4.08 0.00	59.29 3.81 0.00	59.41 3.75 0.00	57.83 3.64 0.00	60.65 4.30 0.00	60.08 4.32 0.00	74.00 5.36 -0.01	95.40 6.22 -17.17	78.48 6.29 1.75	68.40 6.71 -0.51	94.92 9.36 -3.33	139.11 10.48 -43.62	139.03 7.72 -64.46	573.92 8.40 -481.60	3110.71 50.10 -2568.83	208.19 2.09 -186.13	112.66 3.83 -73.83	109.57 4.78 -63.84	94.78 5.08 -41.86	60.61 4.13 -3.61	70.44 3.90 -10.46

NYPA_GOWANUS____GT5 24156	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.51 3.76 0.00	73.24 4.61 0.00	77.96 5.94 0.00	80.08 6.14 0.00	67.72 6.53 0.00	91.58 9.35 0.00	95.10 10.07 -0.01	93.54 8.20 -18.49	578.91 7.92 -487.06	3200.77 47.30 -2661.69	185.18 1.85 -163.36	60.30 3.18 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.76 3.89 0.00	59.34 3.26 0.00
NYPA_GOWANUS____GT6 24157	80.08 2.53 0.00	64.43 2.16 0.00	59.50 2.65 0.00	58.33 2.85 0.00	57.93 2.45 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.51 3.76 0.00	73.24 4.61 0.00	77.96 5.94 0.00	80.08 6.14 0.00	67.72 6.53 0.00	91.58 9.35 0.00	95.10 10.07 -0.01	93.54 8.20 -18.49	578.91 7.92 -487.06	3200.77 47.30 -2661.69	185.18 1.85 -163.36	60.30 3.18 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.76 3.89 0.00	59.34 3.26 0.00
NYPA_HARLEM__RVR__GT1 24160	79.61 2.06 0.00	64.21 1.94 0.00	59.45 2.59 0.00	58.38 2.91 0.00	57.85 2.37 0.00	58.08 2.41 0.00	56.88 2.69 0.00	59.66 3.31 0.00	59.17 3.42 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.17 5.98 0.00	90.87 8.64 0.00	94.30 9.28 0.00	92.94 7.62 -18.47	583.10 7.92 -491.25	3200.75 47.28 -2661.69	185.19 1.86 -163.36	60.34 3.22 -22.12	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.05 2.97 0.00
NYPA_HARLEM__RVR__GT2 24161	79.61 2.06 0.00	64.21 1.94 0.00	59.45 2.59 0.00	58.38 2.91 0.00	57.85 2.37 0.00	58.08 2.41 0.00	56.88 2.69 0.00	59.66 3.31 0.00	59.17 3.42 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.17 5.98 0.00	90.87 8.64 0.00	94.30 9.28 0.00	92.94 7.62 -18.47	583.10 7.92 -491.25	3200.75 47.28 -2661.69	185.19 1.86 -163.36	60.34 3.22 -22.12	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.05 2.97 0.00
NYPA_KENT____GT 24152	79.95 2.41 0.00	64.32 2.05 0.00	59.43 2.57 0.00	58.30 2.82 0.00	57.94 2.46 0.00	58.19 2.52 0.00	57.04 2.86 0.00	59.88 3.53 0.00	59.46 3.70 0.00	73.14 4.51 0.00	77.81 5.79 0.00	79.88 5.94 0.00	67.56 6.38 0.00	91.36 9.13 0.00	94.84 9.82 0.00	100.63 8.01 -25.76	578.94 7.95 -487.06	3201.01 47.54 -2661.69	185.19 1.86 -163.36	60.29 3.17 -22.12	57.85 3.87 -13.03	57.80 4.17 -5.78	56.66 3.80 0.00	59.23 3.16 0.00
NYPA_POUCH1____GT 24155	79.83 2.29 0.00	64.25 1.98 0.00	59.31 2.45 0.00	58.12 2.65 0.00	57.69 2.22 0.00	58.03 2.36 0.00	56.93 2.74 0.00	59.75 3.39 0.00	59.34 3.58 0.00	73.02 4.38 0.00	77.77 5.75 0.00	79.89 5.95 0.00	67.55 6.37 0.00	91.37 9.14 0.00	94.90 9.87 -0.01	92.46 8.01 -17.60	578.76 7.77 -487.06	3200.25 46.78 -2661.69	185.19 1.86 -163.36	60.32 3.20 -22.12	57.87 3.89 -13.03	57.80 4.18 -5.78	56.75 3.88 0.00	59.27 3.20 0.00
NYPA_VERNON____GT2 24162	79.81 2.27 0.00	64.21 1.95 0.00	59.37 2.51 0.00	58.27 2.80 0.00	57.95 2.47 0.00	58.16 2.49 0.00	56.99 2.81 0.00	59.82 3.47 0.00	59.41 3.65 0.00	73.10 4.47 0.00	77.69 5.67 0.00	79.75 5.81 0.00	67.44 6.26 0.00	91.19 8.96 0.00	94.65 9.63 0.00	95.60 7.86 -20.89	579.10 8.11 -487.06	3201.64 48.17 -2661.69	185.21 1.88 -163.36	60.31 3.19 -22.12	57.81 3.84 -13.03	57.75 4.12 -5.78	56.60 3.73 0.00	59.18 3.10 0.00
NYPA_VERNON____GT3 24163	79.81 2.27 0.00	64.21 1.95 0.00	59.37 2.51 0.00	58.27 2.80 0.00	57.95 2.47 0.00	58.16 2.49 0.00	56.99 2.81 0.00	59.82 3.47 0.00	59.41 3.65 0.00	73.10 4.47 0.00	77.69 5.67 0.00	79.75 5.81 0.00	67.44 6.26 0.00	91.19 8.96 0.00	94.65 9.63 0.00	95.60 7.86 -20.89	579.10 8.11 -487.06	3201.64 48.17 -2661.69	185.21 1.88 -163.36	60.31 3.19 -22.12	57.81 3.84 -13.03	57.75 4.12 -5.78	56.60 3.73 0.00	59.18 3.10 0.00
NYPA____ASTORIA_CC1 323568	79.62 2.08 0.00	64.05 1.79 0.00	59.26 2.40 0.00	58.18 2.70 0.00	57.82 2.34 0.00	58.04 2.37 0.00	56.87 2.68 0.00	59.70 3.35 0.00	59.27 3.51 0.00	72.94 4.31 0.00	77.54 5.53 0.00	79.58 5.64 0.00	67.32 6.13 0.00	91.01 8.78 0.00	94.47 9.46 0.00	93.51 7.73 -18.93	578.92 7.93 -487.06	3200.59 47.12 -2661.69	185.18 1.85 -163.36	60.27 3.14 -22.12	57.75 3.77 -13.03	57.65 4.03 -5.78	56.49 3.62 0.00	59.06 2.99 0.00
NYPA____ASTORIA_CC2 323569	79.62 2.08 0.00	64.05 1.79 0.00	59.26 2.40 0.00	58.18 2.70 0.00	57.82 2.34 0.00	58.04 2.37 0.00	56.87 2.68 0.00	59.70 3.35 0.00	59.27 3.51 0.00	72.94 4.31 0.00	77.54 5.53 0.00	79.58 5.64 0.00	67.32 6.13 0.00	91.01 8.78 0.00	94.47 9.46 0.00	93.51 7.73 -18.93	578.92 7.93 -487.06	3200.59 47.12 -2661.69	185.18 1.85 -163.36	60.27 3.14 -22.12	57.75 3.77 -13.03	57.65 4.03 -5.78	56.49 3.62 0.00	59.06 2.99 0.00
NYPA____HOLTSVILL 23794	76.32 2.49 3.71	64.94 2.68 0.00	62.21 3.64 -1.71	58.97 3.49 0.00	58.71 3.23 0.00	58.83 3.16 0.00	57.29 3.11 0.00	60.10 3.74 0.00	59.53 3.77 0.00	73.29 4.66 0.00	78.89 5.38 -1.49	77.49 5.62 2.06	83.02 6.11 -15.73	104.30 8.43 -13.64	165.81 9.60 -71.19	200.45 6.93 -126.67	576.54 7.49 -485.12	3102.70 44.71 -2566.22	237.04 1.85 -215.22	151.41 3.62 -112.79	104.18 4.48 -58.75	68.00 4.64 -15.53	56.07 3.63 0.44	60.00 3.21 -0.71
NYPA____HELLGATE_GT1 24158	79.59 2.05 0.00	64.21 1.94 0.00	59.45 2.59 0.00	58.38 2.91 0.00	57.85 2.37 0.00	58.08 2.41 0.00	56.88 2.69 0.00	59.66 3.31 0.00	59.17 3.42 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.17 5.98 0.00	90.87 8.64 0.00	94.30 9.28 0.00	92.94 7.62 -18.47	583.10 7.92 -491.25	3200.75 47.28 -2661.69	185.19 1.86 -163.36	60.34 3.22 -22.12	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.05 2.97 0.00
NYPA____HELLGATE_GT2 24159	79.59 2.05 0.00	64.21 1.94 0.00	59.45 2.59 0.00	58.38 2.91 0.00	57.85 2.37 0.00	58.08 2.41 0.00	56.88 2.69 0.00	59.66 3.31 0.00	59.17 3.42 0.00	72.82 4.19 0.00	77.41 5.39 0.00	79.45 5.51 0.00	67.17 5.98 0.00	90.87 8.64 0.00	94.30 9.28 0.00	92.94 7.62 -18.47	583.10 7.92 -491.25	3200.75 47.28 -2661.69	185.19 1.86 -163.36	60.34 3.22 -22.12	57.80 3.82 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.05 2.97 0.00
NYS_BARGE____HYD 23848	79.87 2.32 0.00	63.11 0.84 0.00	55.82 -1.04 0.00	54.05 -1.43 0.00	53.96 -1.52 0.00	54.35 -1.32 0.00	52.60 -1.59 0.00	54.50 -1.86 0.00	54.59 -1.17 0.00	68.26 -0.36 0.00	71.36 -0.65 0.00	74.09 0.15 0.00	61.80 0.61 0.00	83.20 0.97 0.00	85.41 0.40 0.00	65.92 -0.93 0.00	81.95 -1.97 0.00	506.11 -11.95 -26.28	21.06 -0.65 -1.75	34.10 -0.91 0.00	40.24 -1.01 -0.30	47.23 -0.62 -0.01	52.82 -0.05 0.00	55.04 -1.04 0.00
OAK ORCHARD____HYD 24046	79.97 2.42 0.00	63.47 1.20 0.00	56.79 -0.07 0.00	55.14 -0.34 0.00	55.05 -0.43 0.00	55.39 -0.27 0.00	53.86 -0.33 0.00	56.18 -0.18 0.00	56.10 0.34 0.00	69.78 1.16 0.00	73.19 1.17 0.00	75.82 1.89 0.00	63.26 2.08 0.00	85.40 3.17 0.00	88.07 3.05 0.00	68.53 1.68 0.00	85.39 1.46 0.00	515.54 6.83 -16.93	20.62 0.18 -0.47	35.52 0.52 0.00	41.60 0.65 0.00	48.85 1.01 0.00	54.15 1.28 0.00	56.48 0.40 0.00

OAKDALE___35_KV_LOAD 356122	78.68 1.13 0.00	62.97 0.71 0.00	57.02 0.16 0.00	55.71 0.23 0.00	55.59 0.11 0.00	55.89 0.23 0.00	54.52 0.33 0.00	56.80 0.44 0.00	56.22 0.46 0.00	69.62 0.99 0.00	73.14 1.12 0.00	75.49 1.55 0.00	62.91 1.72 0.00	85.06 2.83 0.00	88.04 3.02 0.00	69.16 2.15 -0.16	89.30 2.47 -2.90	581.74 12.75 -77.21	26.14 0.52 -5.65	36.35 1.06 -0.28	45.69 1.33 -3.41	50.97 1.46 -1.67	54.20 1.33 0.00	56.65 0.57 0.00
OCC_CHEM___DRP 24175	78.44 0.90 0.00	62.25 -0.02 0.00	55.09 -1.77 0.00	53.38 -2.10 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.81 0.00	70.93 -1.09 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.02 0.00	84.03 -0.99 0.00	64.74 -2.11 0.00	80.30 -3.63 0.00	496.65 -22.10 -26.98	20.69 -1.08 -1.79	33.32 -1.69 0.00	39.33 -1.93 -0.31	46.26 -1.59 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
OH_GEN_PROXY 24063	129.21 1.46 -50.21	62.52 0.26 0.00	55.39 -1.47 0.00	53.68 -1.80 0.00	53.58 -1.91 0.00	53.91 -1.75 0.00	52.03 -1.97 0.19	51.05 -1.97 3.34	54.57 -1.19 0.00	68.21 -0.41 0.00	71.33 -0.69 0.00	74.02 0.08 0.00	61.71 0.52 0.00	83.14 0.91 0.00	85.21 0.18 0.00	65.72 -1.13 0.00	81.63 -2.30 0.00	504.05 -14.36 -26.64	20.97 -0.77 -1.77	33.88 -1.13 0.00	40.00 -1.26 -0.31	46.92 -0.93 -0.01	52.48 -0.39 0.00	58.21 -1.50 -3.63
OLIN_CORP_DRP 24177	79.38 1.83 0.00	62.70 0.44 0.00	55.44 -1.42 0.00	53.72 -1.76 0.00	53.62 -1.85 0.00	54.02 -1.65 0.00	52.24 -1.95 0.00	54.00 -2.36 0.00	54.10 -1.66 0.00	67.70 -0.93 0.00	70.74 -1.27 0.00	73.43 -0.51 0.00	61.23 0.05 0.00	82.38 0.16 0.00	84.41 -0.61 0.00	65.06 -1.79 0.00	80.75 -3.18 0.00	499.83 -19.19 -27.24	20.85 -0.93 -1.81	33.56 -1.44 0.00	39.63 -1.62 -0.31	46.59 -1.25 -0.01	52.22 -0.65 0.00	54.51 -1.56 0.00
OLIN_CORP_DSASP 323712	78.42 0.88 0.00	62.25 -0.02 0.00	55.10 -1.77 0.00	53.37 -2.11 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.80 0.00	70.94 -1.08 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.01 0.00	84.04 -0.98 0.00	64.78 -2.07 0.00	80.38 -3.54 0.00	497.19 -21.57 -26.98	20.69 -1.08 -1.79	33.34 -1.67 0.00	39.33 -1.92 -0.31	46.26 -1.58 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
ONEIDA_HERK_LFGE 323681	80.56 3.02 0.00	64.42 2.16 0.00	58.69 1.83 0.00	57.24 1.77 0.00	57.14 1.67 0.00	57.15 1.48 0.00	55.47 1.29 0.00	57.80 1.44 0.00	57.23 1.47 0.00	70.40 1.77 0.00	73.78 1.76 0.00	75.51 1.58 0.00	62.22 1.04 0.00	83.39 1.16 0.00	86.28 1.26 0.00	67.03 1.05 0.87	85.97 2.05 0.00	505.64 13.86 0.00	20.62 0.65 0.00	36.41 1.41 0.00	45.31 1.82 -2.55	50.09 2.25 0.00	55.07 2.20 0.00	58.12 2.04 0.00
ONEIDA___115KV_TB4 55905	79.83 2.29 0.00	63.85 1.58 0.00	58.09 1.23 0.00	56.64 1.17 0.00	56.59 1.10 0.00	56.79 1.12 0.00	55.33 1.14 0.00	57.56 1.20 0.00	56.79 1.04 0.00	69.90 1.27 0.00	73.36 1.34 0.00	75.42 1.49 0.00	62.61 1.43 0.00	84.39 2.15 0.00	87.53 2.51 0.00	68.94 2.09 0.00	87.03 3.10 0.00	509.96 18.18 0.00	20.76 0.79 0.00	36.63 1.63 0.00	43.93 1.91 -1.08	50.03 2.19 0.00	54.87 2.00 0.00	57.78 1.70 0.00
ONONDAGA_REF_OCCRA 23987	77.84 0.29 0.00	62.27 0.01 0.00	56.50 -0.36 0.00	55.08 -0.40 0.00	55.01 -0.47 0.00	55.28 -0.39 0.00	53.89 -0.30 0.00	56.13 -0.23 0.00	55.54 -0.22 0.00	68.60 -0.03 0.00	71.98 -0.04 0.00	74.17 0.24 0.00	61.75 0.57 0.00	83.42 1.19 0.00	86.35 1.33 0.00	67.87 1.01 0.00	85.21 1.29 0.00	512.31 5.53 -15.00	20.64 0.25 -0.42	35.60 0.60 0.00	42.10 0.68 -0.48	48.53 0.69 0.00	53.34 0.47 0.00	56.06 -0.02 0.00
ONONDAGA___COGEN 23986	77.31 -0.24 0.00	61.90 -0.37 0.00	56.18 -0.68 0.00	54.76 -0.72 0.00	54.68 -0.80 0.00	54.96 -0.71 0.00	53.60 -0.59 0.00	55.81 -0.54 0.00	55.23 -0.53 0.00	68.12 -0.51 0.00	71.45 -0.57 0.00	73.62 -0.31 0.00	61.21 0.03 0.00	82.65 0.42 0.00	85.59 0.57 0.00	67.27 0.42 0.00	84.48 0.55 0.00	506.63 0.98 -13.87	20.44 0.09 -0.38	35.32 0.32 0.00	41.75 0.35 -0.46	48.15 0.31 0.00	52.94 0.07 0.00	55.72 -0.35 0.00
ONTARIO___LFGE 23819	80.11 2.56 0.00	63.81 1.55 0.00	57.32 0.46 0.00	55.81 0.34 0.00	55.71 0.23 0.00	56.10 0.44 0.00	54.72 0.54 0.00	57.04 0.68 0.00	56.43 0.67 0.00	69.90 1.28 0.00	73.26 1.24 0.00	75.75 1.82 0.00	63.19 2.01 0.00	85.71 3.48 0.00	88.58 3.56 0.00	69.44 2.59 0.00	86.82 2.89 0.00	531.40 14.29 -25.33	22.38 0.72 -1.69	36.64 1.64 0.00	43.18 1.94 -0.29	49.91 2.07 0.00	54.93 2.06 0.00	57.15 1.08 0.00
ORANGEVILLE_WT_PWR 323706	80.26 2.71 0.00	63.62 1.35 0.00	56.53 -0.33 0.00	54.91 -0.57 0.00	54.79 -0.69 0.00	55.19 -0.48 0.00	53.58 -0.61 0.00	55.66 -0.70 0.00	55.27 -0.49 0.00	68.91 0.29 0.00	72.15 0.13 0.00	74.86 0.92 0.00	62.41 1.22 0.00	84.28 2.06 0.00	86.90 1.88 0.00	67.56 0.71 0.00	83.87 -0.06 0.00	522.75 -1.99 -32.97	22.11 -0.07 -2.20	35.23 0.22 0.00	41.79 0.46 -0.38	48.56 0.72 -0.01	53.96 1.09 0.00	55.86 -0.22 0.00
ORANGEVILLE___ESR 323794	80.26 2.71 0.00	63.62 1.35 0.00	56.53 -0.33 0.00	54.91 -0.57 0.00	54.79 -0.69 0.00	55.19 -0.48 0.00	53.58 -0.61 0.00	55.66 -0.70 0.00	55.27 -0.49 0.00	68.91 0.29 0.00	72.15 0.13 0.00	74.86 0.92 0.00	62.41 1.22 0.00	84.28 2.06 0.00	86.90 1.88 0.00	67.56 0.71 0.00	83.87 -0.06 0.00	522.75 -1.99 -32.97	22.11 -0.07 -2.20	35.23 0.22 0.00	41.79 0.46 -0.38	48.56 0.72 -0.01	53.96 1.09 0.00	55.86 -0.22 0.00
OSWEGATCHIE___HYD 24044	80.07 2.53 0.00	63.98 1.72 0.00	58.39 1.53 0.00	56.95 1.47 0.00	56.88 1.39 0.00	56.81 1.14 0.00	54.96 0.77 0.00	57.15 0.79 0.00	56.47 0.71 0.00	69.21 0.58 0.00	72.14 0.13 0.00	73.44 -0.49 0.00	59.60 -1.58 0.00	78.61 -3.62 0.00	80.70 -4.32 0.00	55.25 -3.35 8.25	80.60 -3.33 0.00	475.43 -16.35 0.00	19.53 -0.45 0.00	34.57 -0.44 0.00	53.70 -0.15 -12.90	48.29 0.44 0.00	53.87 1.00 0.00	57.75 1.67 0.00
OSWEGO___5 23606	76.06 -1.48 0.00	60.95 -1.32 0.00	55.41 -1.45 0.00	54.02 -1.46 0.00	53.95 -1.53 0.00	54.19 -1.48 0.00	52.79 -1.40 0.00	54.95 -1.41 0.00	54.41 -1.35 0.00	67.13 -1.50 0.00	70.34 -1.68 0.00	72.38 -1.56 0.00	60.13 -1.06 0.00	81.04 -1.19 0.00	83.82 -1.20 0.00	65.84 -1.01 0.00	82.63 -1.30 0.00	481.44 -10.34 0.00	19.60 -0.37 0.00	34.53 -0.48 0.00	40.37 -0.57 0.00	47.14 -0.70 0.00	51.95 -0.92 0.00	54.81 -1.26 0.00
OSWEGO___6 23613	76.06 -1.48 0.00	60.95 -1.32 0.00	55.41 -1.45 0.00	54.02 -1.46 0.00	53.95 -1.53 0.00	54.19 -1.48 0.00	52.79 -1.40 0.00	54.95 -1.41 0.00	54.41 -1.35 0.00	67.13 -1.50 0.00	70.34 -1.68 0.00	72.38 -1.56 0.00	60.13 -1.06 0.00	81.04 -1.19 0.00	83.82 -1.20 0.00	65.84 -1.01 0.00	82.63 -1.30 0.00	481.44 -10.34 0.00	19.60 -0.37 0.00	34.53 -0.48 0.00	40.37 -0.57 0.00	47.14 -0.70 0.00	51.95 -0.92 0.00	54.81 -1.26 0.00

OUTOKUMPU-AB___DRP 24206	80.61 3.06 0.00	63.75 1.49 0.00	56.37 -0.49 0.00	54.59 -0.89 0.00	54.45 -1.03 0.00	54.85 -0.82 0.00	53.13 -1.06 0.00	55.26 -1.10 0.00	55.43 -0.33 0.00	69.42 0.80 0.00	72.72 0.71 0.00	75.52 1.59 0.00	62.95 1.77 0.00	84.81 2.58 0.00	87.02 2.00 0.00	67.14 0.29 0.00	83.29 -0.63 0.00	516.15 -3.18 -27.56	21.50 -0.30 -1.83	34.70 -0.30 0.00	40.93 -0.34 -0.32	47.90 0.05 -0.01	53.48 0.62 0.00	55.70 -0.38 0.00
OXBOW___BTM 323836	79.58 2.03 0.00	63.05 0.78 0.00	55.76 -1.09 0.00	54.00 -1.48 0.00	53.88 -1.60 0.00	54.24 -1.42 0.00	52.52 -1.66 0.00	54.66 -1.70 0.00	54.86 -0.89 0.00	68.68 0.05 0.00	71.93 -0.09 0.00	74.42 0.48 0.00	62.00 0.82 0.00	83.35 1.12 0.00	85.39 0.37 0.00	65.87 -0.98 0.00	81.78 -2.15 0.00	506.41 -12.64 -27.27	21.08 -0.71 -1.81	33.99 -1.02 0.00	40.08 -1.19 -0.31	46.99 -0.86 -0.01	52.60 -0.28 0.00	55.02 -1.06 0.00
OXBOW___ 24026	79.60 2.05 0.00	63.05 0.78 0.00	55.77 -1.09 0.00	54.00 -1.48 0.00	53.88 -1.60 0.00	54.24 -1.42 0.00	52.53 -1.66 0.00	54.65 -1.70 0.00	54.86 -0.89 0.00	68.68 0.05 0.00	71.90 -0.12 0.00	74.42 0.48 0.00	62.01 0.82 0.00	83.35 1.12 0.00	85.39 0.37 0.00	65.84 -1.01 0.00	81.64 -2.29 0.00	505.78 -13.27 -27.27	21.07 -0.71 -1.81	33.96 -1.04 0.00	40.06 -1.20 -0.31	46.98 -0.87 -0.01	52.59 -0.28 0.00	55.01 -1.06 0.00
OXY_CHEM_DSASP 323612	78.44 0.90 0.00	62.25 -0.02 0.00	55.09 -1.77 0.00	53.38 -2.10 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.81 0.00	70.93 -1.09 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.02 0.00	84.03 -0.99 0.00	64.74 -2.11 0.00	80.30 -3.63 0.00	496.65 -22.10 -26.98	20.69 -1.08 -1.79	33.32 -1.69 0.00	39.33 -1.93 -0.31	46.26 -1.59 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
OZONE_PARK_ESR 323760	81.57 4.03 0.00	65.48 3.21 0.00	60.32 3.46 0.00	59.06 3.58 0.00	58.86 3.37 0.00	59.03 3.36 0.00	57.80 3.61 0.00	60.61 4.26 0.00	60.23 4.47 0.00	74.35 5.72 0.00	78.97 6.95 0.00	81.07 7.13 0.00	68.52 7.34 0.00	92.73 10.51 0.00	96.26 11.24 0.00	93.86 9.12 -17.89	585.47 10.23 -491.31	3213.92 60.14 -2661.99	185.69 2.34 -163.37	61.02 3.90 -22.12	58.66 4.68 -13.03	58.80 5.18 -5.78	57.66 4.79 0.00	60.26 4.18 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	78.44 0.90 0.00	62.25 -0.02 0.00	55.09 -1.77 0.00	53.38 -2.10 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.81 0.00	70.93 -1.09 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.02 0.00	84.03 -0.99 0.00	64.74 -2.11 0.00	80.30 -3.63 0.00	496.65 -22.10 -26.98	20.69 -1.08 -1.79	33.32 -1.69 0.00	39.33 -1.93 -0.31	46.26 -1.59 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
PACKARD___115KV_DUPONT_184 80571	78.44 0.90 0.00	62.25 -0.02 0.00	55.09 -1.77 0.00	53.38 -2.10 0.00	53.28 -2.20 0.00	53.63 -2.04 0.00	51.89 -2.30 0.00	53.99 -2.37 0.00	54.24 -1.52 0.00	67.83 -0.81 0.00	70.93 -1.09 0.00	73.57 -0.36 0.00	61.32 0.14 0.00	82.21 -0.02 0.00	84.03 -0.99 0.00	64.74 -2.11 0.00	80.30 -3.63 0.00	496.65 -22.10 -26.98	20.69 -1.08 -1.79	33.32 -1.69 0.00	39.33 -1.93 -0.31	46.26 -1.59 -0.01	51.84 -1.03 0.00	54.22 -1.86 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	79.77 2.22 0.00	64.29 2.02 0.00	59.47 2.61 0.00	58.36 2.88 0.00	57.85 2.37 0.00	58.09 2.43 0.00	56.92 2.73 0.00	59.71 3.36 0.00	59.27 3.51 0.00	72.94 4.31 0.00	77.57 5.55 0.00	79.59 5.66 0.00	67.27 6.09 0.00	91.01 8.77 0.00	94.42 9.40 0.00	93.06 7.72 -18.49	583.37 8.18 -491.25	3201.54 48.07 -2661.69	185.23 1.90 -163.36	60.40 3.27 -22.12	57.86 3.88 -13.03	57.75 4.13 -5.78	56.62 3.74 0.00	59.15 3.08 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	82.92 5.38 0.00	66.75 4.49 0.00	61.70 4.84 0.00	60.56 5.08 0.00	59.86 4.38 0.00	60.15 4.49 0.00	58.91 4.72 0.00	61.83 5.48 0.00	61.34 5.58 0.00	75.61 6.98 0.00	80.40 8.38 0.00	82.54 8.60 0.00	69.71 8.53 0.00	94.28 12.05 0.00	97.81 12.79 0.00	95.75 10.42 -18.49	586.72 11.54 -491.25	3221.16 67.69 -2661.69	186.00 2.67 -163.36	61.71 4.58 -22.12	59.43 5.45 -13.03	59.56 5.94 -5.78	58.75 5.88 0.00	61.26 5.18 0.00
PATROON___115KV_TB1 80586	78.61 1.06 0.00	63.21 0.95 0.00	57.97 1.11 0.00	56.68 1.21 0.00	56.70 1.22 0.00	56.73 1.06 0.00	55.36 1.17 0.00	57.59 1.23 0.00	56.88 1.12 0.00	69.98 1.35 0.00	73.74 1.72 0.00	75.47 1.53 0.00	63.01 1.82 0.00	85.12 2.89 0.00	88.51 3.49 0.00	69.98 3.12 -0.01	88.73 3.89 -0.91	529.21 24.08 -13.36	40.45 0.90 -19.58	36.44 1.44 0.00	88.62 1.60 -46.08	76.53 1.83 -26.86	54.25 1.38 0.00	56.94 0.86 0.00
PATTRSNVILLE___SOLAR 323815	80.51 2.97 0.00	64.64 2.37 0.00	59.08 2.22 0.00	57.62 2.14 0.00	57.57 2.09 0.00	57.81 2.15 0.00	56.37 2.18 0.00	58.36 2.01 0.00	57.43 1.67 0.00	70.42 1.79 0.00	73.96 1.94 0.00	75.79 1.85 0.00	62.85 1.66 0.00	84.87 2.64 0.00	88.02 3.00 0.00	69.24 2.36 -0.03	87.59 3.66 0.00	596.56 24.22 -80.56	50.91 1.05 -29.89	36.91 2.36 0.00	116.10 2.36 -72.79	95.32 2.70 -44.78	55.42 2.54 0.00	58.26 2.19 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	80.81 3.26 0.00	63.85 1.59 0.00	56.60 -0.26 0.00	54.90 -0.58 0.00	54.76 -0.72 0.00	55.17 -0.50 0.00	53.52 -0.67 0.00	55.82 -0.53 0.00	55.96 0.20 0.00	70.08 1.46 0.00	73.45 1.43 0.00	76.39 2.46 0.00	63.73 2.54 0.00	86.12 3.89 0.00	88.58 3.56 0.00	68.46 1.61 0.00	85.07 1.14 0.00	529.08 7.03 -30.28	22.13 0.14 -2.02	35.52 0.52 0.00	41.94 0.65 -0.35	48.79 0.94 -0.01	54.28 1.41 0.00	56.15 0.07 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	81.09 3.54 0.00	65.08 2.81 0.00	59.74 2.88 0.00	58.39 2.91 0.00	58.18 2.70 0.00	58.39 2.72 0.00	57.15 2.96 0.00	59.80 3.44 0.00	59.36 3.60 0.00	73.29 4.66 0.00	77.76 5.74 0.00	79.99 6.05 0.00	67.39 6.21 0.00	91.39 9.16 0.00	94.99 9.97 0.00	79.33 8.22 -4.27	173.33 9.43 -79.96	902.57 54.00 -356.78	67.25 2.10 -45.17	46.06 3.52 -7.54	53.16 4.13 -8.09	58.14 4.55 -5.75	56.96 4.09 0.00	59.45 3.38 0.00
PEEKSKILL___ 23653	79.99 2.45 0.00	64.25 1.98 0.00	59.08 2.22 0.00	57.80 2.32 0.00	57.60 2.13 0.00	57.78 2.11 0.00	56.52 2.33 0.00	59.17 2.81 0.00	58.75 2.99 0.00	72.46 3.83 0.00	76.86 4.84 0.00	79.02 5.08 0.00	66.61 5.42 0.00	90.17 7.94 0.00	93.67 8.65 0.00	89.08 7.12 -15.11	500.85 7.91 -409.01	2918.59 46.53 -2380.28	165.04 1.82 -143.25	57.13 3.03 -19.09	56.47 3.59 -11.93	57.45 3.90 -5.71	56.28 3.41 0.00	58.84 2.76 0.00
PGE MADISON___WINDPWR 24146	84.86 7.32 0.00	67.66 5.40 0.00	61.24 4.38 0.00	59.84 4.36 0.00	59.70 4.22 0.00	60.17 4.50 0.00	58.81 4.62 0.00	61.25 4.90 0.00	60.37 4.61 0.00	74.05 5.42 0.00	77.78 5.76 0.00	80.25 6.31 0.00	66.80 5.62 0.00	90.31 8.08 0.00	93.79 8.77 0.00	73.65 6.65 -0.16	95.34 8.56 -2.85	620.02 50.60 -77.64	28.36 2.25 -6.13	39.57 4.29 -0.28	50.61 4.93 -4.73	55.75 5.50 -2.40	58.54 5.67 0.00	61.11 5.04 0.00

PIERCEFIELD___HYD 23852	78.43 0.89 0.00	62.89 0.62 0.00	57.47 0.61 0.00	56.13 0.66 0.00	56.21 0.73 0.00	56.41 0.74 0.00	54.60 0.41 0.00	56.51 0.15 0.00	55.58 -0.18 0.00	67.91 -0.72 0.00	70.66 -1.36 0.00	72.06 -1.88 0.00	58.48 -2.70 0.00	76.66 -5.57 0.00	78.40 -6.62 0.00	49.21 -5.13 12.50	78.10 -5.83 0.00	460.72 -31.05 0.00	18.85 -1.13 0.00	33.14 -1.86 0.00	32.27 -2.06 6.61	46.01 -1.83 0.00	52.25 -0.62 0.00	56.83 0.75 0.00
PINELAWN_CC_1 323563	80.12 2.58 0.00	64.74 2.48 0.00	61.87 3.30 -1.71	58.64 3.17 0.00	58.37 2.89 0.00	58.50 2.84 0.00	57.00 2.81 0.00	59.77 3.42 0.00	59.27 3.51 0.00	73.00 4.37 0.00	79.54 5.19 -2.33	79.15 5.22 0.00	67.69 5.84 -0.66	90.19 8.17 0.20	105.35 9.35 -10.98	140.41 7.15 -66.40	581.76 8.14 -489.70	3111.20 47.73 -2571.70	214.41 1.99 -192.45	108.92 3.58 -70.33	85.96 4.32 -40.70	67.13 4.44 -14.85	56.91 3.46 -0.58	60.69 3.17 -1.44
PJM_GEN_HTTP_PROXY 323702	75.40 2.70 4.86	64.91 2.19 -0.45	56.94 2.54 2.46	58.14 2.71 0.05	58.01 2.54 0.00	58.19 2.53 0.00	56.96 2.78 0.00	62.64 3.35 -2.94	59.32 3.56 0.00	73.23 4.60 0.00	77.81 5.79 0.00	79.81 5.88 0.00	64.28 6.25 3.16	91.31 9.08 0.00	94.69 9.67 0.00	92.60 7.86 -17.89	583.94 8.64 -491.37	3204.88 50.77 -2662.33	185.34 1.98 -163.39	60.41 3.28 -22.12	57.94 3.96 -13.03	57.94 4.32 -5.78	56.70 3.83 0.00	62.81 3.22 -3.51
PJM_GEN_KEystone 24065	74.02 1.34 4.86	63.46 0.74 -0.45	54.61 0.22 2.47	55.67 0.27 0.08	55.49 0.08 0.07	55.82 0.18 0.02	54.48 0.30 0.00	59.92 0.63 -2.94	56.72 0.96 0.00	70.41 1.78 0.00	74.25 2.24 0.00	82.59 2.81 -5.85	61.18 3.16 3.16	87.02 4.79 0.00	90.13 5.11 0.00	72.67 3.75 -2.08	129.64 3.79 -41.93	1105.80 21.51 -592.51	55.96 0.80 -35.19	40.34 1.45 -3.88	47.72 1.83 -4.95	53.32 2.04 -3.44	54.74 1.87 0.00	60.48 0.89 -3.51
PJM_GEN_NEPTUNE_PROXY 323594	69.20 2.55 10.89	65.09 2.37 -0.45	59.17 3.06 0.75	58.45 3.02 0.05	58.25 2.77 0.00	58.40 2.73 0.00	56.91 2.72 0.00	62.52 3.23 -2.94	59.06 3.30 0.00	72.79 4.16 0.00	76.49 5.09 0.62	76.00 5.33 3.27	64.29 5.90 2.80	89.02 8.25 1.46	93.42 9.29 0.89	126.11 7.21 -52.05	563.05 8.21 -470.90	3080.68 47.49 -2541.41	201.92 1.96 -179.99	100.04 3.41 -61.62	81.63 4.09 -36.60	56.97 4.25 -4.89	54.81 3.42 1.48	61.84 2.99 -2.78
PJM_GEN_VFT_PROXY 323633	74.87 2.18 4.86	64.46 1.74 -0.45	56.34 2.15 2.67	57.32 2.36 0.51	56.64 2.15 0.99	57.53 2.17 0.31	56.63 2.44 0.00	62.27 2.98 -2.94	58.94 3.19 0.00	72.75 4.12 0.00	77.26 5.25 0.00	79.34 5.40 0.00	63.91 5.89 3.16	90.73 8.50 0.00	94.16 9.14 0.00	88.88 7.96 -14.55	571.09 7.96 -479.21	3200.83 47.07 -2661.99	185.16 1.83 -163.36	60.13 3.01 -22.11	57.64 3.66 -13.03	57.60 3.99 -5.78	56.31 3.45 0.01	62.45 2.86 -3.51
PLATSBURG_115KV_PMLD1 355749	77.84 0.29 0.00	62.48 0.21 0.00	57.12 0.26 0.00	55.99 0.51 0.00	56.03 0.55 0.00	56.06 0.39 0.00	54.48 0.29 0.00	56.54 0.18 0.00	55.88 0.12 0.00	68.57 -0.06 0.00	71.66 -0.36 0.00	73.32 -0.61 0.00	59.89 -1.29 0.00	79.97 -2.26 0.00	81.90 -3.12 0.00	48.17 -2.93 15.75	80.49 -3.44 0.00	475.96 -15.82 0.00	19.37 -0.61 0.00	33.92 -1.08 0.00	37.83 -1.21 1.91	46.43 -1.41 0.00	52.00 -0.87 0.00	56.40 0.32 0.00
PLEASANTVLY___LBMP 24000	79.61 2.07 0.00	64.00 1.73 0.00	58.81 1.95 0.00	57.50 2.02 0.00	57.35 1.87 0.00	57.54 1.87 0.00	56.29 2.10 0.00	58.81 2.46 0.00	58.30 2.54 0.00	71.85 3.22 0.00	76.07 4.06 0.00	78.10 4.17 0.00	65.61 4.43 0.00	88.85 6.62 0.00	92.30 7.28 0.00	78.01 6.09 -5.08	190.52 6.93 -99.66	888.43 40.26 -356.39	71.16 1.58 -49.61	46.28 2.62 -8.66	52.47 3.08 -8.44	57.52 3.35 -6.33	55.72 2.85 0.00	58.30 2.22 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	80.17 2.62 0.00	64.39 2.12 0.00	59.22 2.36 0.00	57.93 2.45 0.00	57.75 2.27 0.00	57.92 2.26 0.00	56.69 2.50 0.00	59.29 2.94 0.00	58.86 3.10 0.00	72.56 3.93 0.00	76.93 4.90 0.00	79.02 5.09 0.00	66.54 5.36 0.00	90.13 7.90 0.00	93.62 8.60 0.00	79.06 7.11 -5.10	196.64 8.01 -104.70	868.44 46.77 -329.89	69.69 1.82 -47.90	46.54 3.04 -8.49	52.78 3.60 -8.24	57.64 3.91 -5.89	56.29 3.41 0.00	58.85 2.77 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	80.17 2.62 0.00	64.39 2.12 0.00	59.22 2.36 0.00	57.93 2.45 0.00	57.75 2.27 0.00	57.92 2.26 0.00	56.69 2.50 0.00	59.29 2.94 0.00	58.86 3.10 0.00	72.56 3.93 0.00	76.93 4.90 0.00	79.02 5.09 0.00	66.54 5.36 0.00	90.13 7.90 0.00	93.62 8.60 0.00	79.06 7.11 -5.10	196.64 8.01 -104.70	868.44 46.77 -329.89	69.69 1.82 -47.90	46.54 3.04 -8.49	52.78 3.60 -8.24	57.64 3.91 -5.89	56.29 3.41 0.00	58.85 2.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	80.63 3.08 0.00	64.73 2.46 0.00	59.39 2.53 0.00	58.04 2.57 0.00	57.86 2.38 0.00	58.05 2.39 0.00	56.81 2.63 0.00	59.40 3.05 0.00	58.91 3.16 0.00	72.66 4.04 0.00	76.97 4.95 0.00	79.15 5.21 0.00	66.57 5.39 0.00	90.20 7.96 0.00	93.79 8.77 0.00	78.29 7.28 -4.16	169.80 8.45 -77.42	921.58 48.89 -380.91	67.32 1.92 -45.43	45.58 3.23 -7.35	53.41 3.77 -8.70	58.13 4.13 -6.16	56.55 3.68 0.00	59.06 2.98 0.00
POLETTI____ 23519	80.02 2.48 0.00	64.27 2.01 0.00	59.26 2.40 0.00	58.06 2.58 0.00	57.87 2.40 0.00	58.05 2.39 0.00	56.81 2.63 0.00	59.55 3.19 0.00	59.18 3.42 0.00	73.02 4.40 0.00	77.55 5.53 0.00	79.58 5.65 0.00	67.27 6.08 0.00	91.03 8.80 0.00	94.46 9.44 0.00	92.46 7.72 -17.89	583.63 8.40 -491.31	3203.05 49.28 -2661.99	185.26 1.92 -163.37	60.29 3.17 -22.12	57.80 3.82 -13.03	57.78 4.16 -5.78	56.54 3.67 0.00	59.13 3.05 0.00
POMONA___ESR 323819	80.00 2.46 0.00	64.19 1.92 0.00	58.96 2.10 0.00	57.67 2.20 0.00	57.46 1.99 0.00	57.64 1.97 0.00	56.39 2.20 0.00	59.04 2.69 0.00	58.65 2.89 0.00	72.41 3.78 0.00	76.83 4.81 0.00	79.11 5.17 0.00	66.72 5.53 0.00	90.30 8.07 0.00	93.91 8.89 0.00	74.29 7.28 -0.16	55.42 8.05 36.56	1138.91 47.41 -599.73	56.06 1.87 -34.21	41.01 3.05 -2.95	50.66 3.60 -6.12	57.26 3.91 -5.50	56.28 3.41 0.00	58.81 2.73 0.00
PORT_JEFF_3 23555	76.26 2.39 3.67	65.00 2.73 0.00	62.27 3.70 -1.71	59.03 3.55 0.00	58.76 3.28 0.00	58.88 3.22 0.00	57.34 3.16 0.00	60.16 3.81 0.00	59.63 3.87 0.00	73.40 4.78 0.00	78.87 5.27 -1.58	77.28 5.39 2.04	86.71 5.79 -19.74	107.49 7.84 -17.42	182.60 9.00 -88.58	218.16 6.49 -144.82	577.53 6.97 -486.64	3100.35 41.88 -2566.70	244.95 1.76 -223.22	163.78 3.43 -125.35	107.36 4.27 -62.15	69.26 4.40 -17.02	55.95 3.48 0.40	60.01 3.16 -0.77
PORT_JEFF_4 23616	76.26 2.39 3.67	65.00 2.73 0.00	62.27 3.70 -1.71	59.03 3.55 0.00	58.76 3.28 0.00	58.88 3.22 0.00	57.34 3.16 0.00	60.16 3.81 0.00	59.63 3.87 0.00	73.40 4.78 0.00	78.87 5.27 -1.58	77.28 5.39 2.04	86.71 5.79 -19.74	107.49 7.84 -17.42	182.60 9.00 -88.58	218.16 6.49 -144.82	577.53 6.97 -486.64	3100.35 41.88 -2566.70	244.95 1.76 -223.22	163.78 3.43 -125.35	107.36 4.27 -62.15	69.26 4.40 -17.02	55.95 3.48 0.40	60.01 3.16 -0.77

PORT_JEFF_IC 23713	76.67 2.70 3.57	65.19 2.93 0.00	62.43 3.86 -1.71	59.17 3.69 0.00	58.90 3.42 0.00	59.03 3.36 0.00	57.48 3.29 0.00	60.31 3.96 0.00	59.81 4.05 0.00	73.65 5.02 0.00	79.28 5.62 -1.64	77.81 5.86 1.99	100.96 6.25 -33.52	120.93 8.37 -30.33	242.14 9.46 -147.65	280.70 6.82 -207.03	583.41 7.67 -491.80	3104.84 44.61 -2568.45	272.49 1.85 -250.67	206.88 3.55 -168.33	118.91 4.42 -73.55	74.12 4.68 -21.60	56.30 3.80 0.37	60.33 3.44 -0.81
PPL PILGRIM_ST_GT1 24216	77.97 3.52 3.09	65.66 3.40 0.00	62.82 4.25 -1.71	59.56 4.08 0.00	59.29 3.81 0.00	59.41 3.75 0.00	57.83 3.64 0.00	60.65 4.30 0.00	60.08 4.32 0.00	74.00 5.36 -0.01	95.40 6.22 -17.17	78.48 6.29 1.75	68.40 6.71 -0.51	94.92 9.36 -3.33	139.11 10.48 -43.62	139.03 7.72 -64.46	573.92 8.40 -481.60	3110.71 50.10 -2568.83	208.19 2.09 -186.13	112.66 3.83 -73.83	109.57 4.78 -63.84	94.78 5.08 -41.86	60.61 4.13 -3.61	70.44 3.90 -10.46
PPL PILGRIM_ST_GT2 24217	77.97 3.52 3.09	65.66 3.40 0.00	62.82 4.25 -1.71	59.56 4.08 0.00	59.29 3.81 0.00	59.41 3.75 0.00	57.83 3.64 0.00	60.65 4.30 0.00	60.08 4.32 0.00	74.00 5.36 -0.01	95.40 6.22 -17.17	78.48 6.29 1.75	68.40 6.71 -0.51	94.92 9.36 -3.33	139.11 10.48 -43.62	139.03 7.72 -64.46	573.92 8.40 -481.60	3110.71 50.10 -2568.83	208.19 2.09 -186.13	112.66 3.83 -73.83	109.57 4.78 -63.84	94.78 5.08 -41.86	60.61 4.13 -3.61	70.44 3.90 -10.46
PPL_SHRM_GT3 24213	76.16 2.23 3.62	64.81 2.55 0.00	62.06 3.49 -1.71	58.82 3.34 0.00	58.55 3.07 0.00	58.70 3.03 0.00	57.20 3.02 0.00	60.05 3.69 0.00	59.49 3.73 0.00	73.32 4.69 0.00	79.26 5.48 -1.76	77.71 5.79 2.02	89.91 6.30 -22.43	110.98 8.78 -19.98	195.57 10.05 -100.50	231.25 7.35 -157.05	578.54 6.88 -487.73	3098.80 39.81 -2567.21	250.17 1.57 -228.63	172.64 3.80 -133.84	110.34 4.80 -64.59	70.98 4.88 -18.26	56.26 3.73 0.35	60.14 3.18 -0.89
PPL_SHRM_GT4 24214	76.16 2.23 3.62	64.81 2.55 0.00	62.06 3.49 -1.71	58.82 3.34 0.00	58.55 3.07 0.00	58.70 3.03 0.00	57.20 3.02 0.00	60.05 3.69 0.00	59.49 3.73 0.00	73.32 4.69 0.00	79.26 5.48 -1.76	77.71 5.79 2.02	89.91 6.30 -22.43	110.98 8.78 -19.98	195.57 10.05 -100.50	231.25 7.35 -157.05	578.54 6.88 -487.73	3098.80 39.81 -2567.21	250.17 1.57 -228.63	172.64 3.80 -133.84	110.34 4.80 -64.59	70.98 4.88 -18.26	56.26 3.73 0.35	60.14 3.18 -0.89
PROJECT___ORANGE 1 24174	77.36 -0.19 0.00	61.89 -0.38 0.00	56.18 -0.68 0.00	54.75 -0.73 0.00	54.68 -0.80 0.00	54.94 -0.73 0.00	53.55 -0.63 0.00	55.80 -0.55 0.00	55.25 -0.51 0.00	68.29 -0.34 0.00	71.64 -0.38 0.00	73.85 -0.08 0.00	61.46 0.27 0.00	83.03 0.80 0.00	85.91 0.89 0.00	67.49 0.64 0.00	84.70 0.78 0.00	493.86 2.09 0.00	20.08 0.11 0.00	35.32 0.32 0.00	41.82 0.34 -0.54	48.15 0.31 0.00	52.94 0.07 0.00	55.66 -0.41 0.00
PROJECT___ORANGE 2 24166	77.36 -0.19 0.00	61.89 -0.38 0.00	56.18 -0.68 0.00	54.75 -0.73 0.00	54.68 -0.80 0.00	54.94 -0.73 0.00	53.55 -0.63 0.00	55.80 -0.55 0.00	55.25 -0.51 0.00	68.29 -0.34 0.00	71.64 -0.38 0.00	73.85 -0.08 0.00	61.46 0.27 0.00	83.03 0.80 0.00	85.91 0.89 0.00	67.49 0.64 0.00	84.70 0.78 0.00	493.86 2.09 0.00	20.08 0.11 0.00	35.32 0.32 0.00	41.82 0.34 -0.54	48.15 0.31 0.00	52.94 0.07 0.00	55.66 -0.41 0.00
PUCKETT___SOLAR 323809	80.18 2.63 0.00	64.11 1.84 0.00	58.05 1.18 0.00	56.71 1.23 0.00	56.59 1.11 0.00	56.93 1.27 0.00	55.56 1.37 0.00	57.86 1.51 0.00	57.12 1.36 0.00	70.35 1.72 0.00	73.77 1.75 0.00	76.02 2.09 0.00	63.32 2.13 0.00	85.61 3.38 0.00	88.71 3.69 0.00	69.77 2.76 -0.17	90.47 3.52 -3.02	593.87 21.02 -81.07	27.01 0.93 -6.11	37.13 1.84 -0.30	47.23 2.20 -4.09	52.31 2.43 -2.04	55.29 2.42 0.00	57.79 1.71 0.00
PYRITES___HYD 24023	80.12 2.58 0.00	64.20 1.93 0.00	58.72 1.86 0.00	57.36 1.88 0.00	57.47 1.99 0.00	57.71 2.05 0.00	55.92 1.74 0.00	57.85 1.50 0.00	56.82 1.06 0.00	69.27 0.64 0.00	71.87 -0.15 0.00	73.22 -0.72 0.00	59.33 -1.85 0.00	77.72 -4.51 0.00	79.35 -5.67 0.00	50.10 -3.90 12.85	79.70 -4.22 0.00	468.79 -22.98 0.00	19.29 -0.69 0.00	34.05 -0.96 0.00	33.87 -0.98 6.10	47.14 -0.70 0.00	53.42 0.54 0.00	58.02 1.94 0.00
QUAKERRD_115KV_BK1 80622	77.93 0.39 0.00	61.95 -0.32 0.00	55.59 -1.27 0.00	54.00 -1.48 0.00	53.91 -1.57 0.00	54.23 -1.43 0.00	52.78 -1.41 0.00	55.05 -1.30 0.00	54.90 -0.86 0.00	68.19 -0.44 0.00	71.53 -0.49 0.00	74.02 0.09 0.00	61.71 0.53 0.00	83.33 1.11 0.00	85.94 0.92 0.00	66.95 0.10 0.00	83.44 -0.48 0.00	504.07 -3.92 -16.21	20.20 -0.22 -0.45	34.81 -0.19 0.00	40.73 -0.22 0.00	47.75 -0.09 0.00	52.85 -0.02 0.00	55.24 -0.83 0.00
QUENSBRY_115KV_TB8 356137	82.91 5.37 0.00	66.38 4.12 0.00	60.57 3.71 0.00	58.97 3.49 0.00	58.96 3.48 0.00	59.38 3.71 0.00	58.02 3.83 0.00	60.11 3.76 0.00	59.21 3.45 0.00	72.72 4.10 0.00	76.56 4.54 0.00	77.77 3.83 0.00	64.75 3.57 0.00	88.46 6.23 0.00	92.46 7.44 0.00	72.98 6.08 -0.05	92.89 8.11 -0.85	607.17 49.22 -66.16	50.21 2.00 -28.24	38.47 3.47 0.00	114.23 4.44 -68.85	98.87 4.98 -46.05	57.22 4.35 0.00	59.69 3.61 0.00
RAMAPO___LBMP 323565	79.64 2.10 0.00	63.93 1.66 0.00	58.73 1.87 0.00	57.45 1.97 0.00	57.25 1.77 0.00	57.41 1.75 0.00	56.16 1.97 0.00	58.79 2.43 0.00	58.38 2.62 0.00	72.05 3.42 0.00	76.38 4.36 0.00	78.64 4.70 0.00	66.27 5.09 0.00	89.66 7.43 0.00	93.19 8.17 0.00	75.88 6.75 -2.29	118.69 7.48 -27.29	1397.44 43.80 -861.87	71.60 1.73 -49.90	43.04 2.84 -5.19	51.20 3.37 -6.89	56.93 3.65 -5.43	56.03 3.16 0.00	58.57 2.49 0.00
RANKINE____ 23646	81.08 3.54 0.00	64.07 1.80 0.00	56.74 -0.12 0.00	55.00 -0.48 0.00	54.86 -0.62 0.00	55.26 -0.40 0.00	53.61 -0.58 0.00	55.82 -0.54 0.00	55.94 0.18 0.00	70.03 1.40 0.00	73.34 1.32 0.00	76.24 2.31 0.00	63.60 2.41 0.00	85.85 3.62 0.00	88.24 3.22 0.00	68.13 1.28 0.00	84.65 0.72 0.00	525.36 4.05 -29.53	21.96 0.02 -1.97	35.30 0.29 0.00	41.70 0.41 -0.34	48.62 0.77 -0.01	54.15 1.28 0.00	56.06 -0.01 0.00
RAVENSWOOD_GT2_1 24244	80.18 2.64 0.00	64.43 2.16 0.00	59.43 2.57 0.00	58.23 2.75 0.00	58.03 2.55 0.00	58.21 2.54 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.33 3.57 0.00	73.20 4.57 0.00	77.70 5.69 0.00	79.73 5.79 0.00	67.38 6.19 0.00	91.17 8.94 0.00	94.58 9.56 0.00	92.55 7.82 -17.88	583.73 8.55 -491.25	3203.54 50.07 -2661.69	185.28 1.95 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.25 -5.78	56.67 3.80 0.00	59.28 3.20 0.00
RAVENSWOOD_GT2_2 24245	80.18 2.64 0.00	64.43 2.16 0.00	59.43 2.57 0.00	58.23 2.75 0.00	58.03 2.55 0.00	58.21 2.54 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.33 3.57 0.00	73.20 4.57 0.00	77.70 5.69 0.00	79.73 5.79 0.00	67.38 6.19 0.00	91.17 8.94 0.00	94.58 9.56 0.00	92.55 7.82 -17.88	583.73 8.55 -491.25	3203.54 50.07 -2661.69	185.28 1.95 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.25 -5.78	56.67 3.80 0.00	59.28 3.20 0.00



RAVENSWOOD_GT2_3 24246	80.25 2.71 0.00	64.49 2.22 0.00	59.46 2.60 0.00	58.26 2.79 0.00	58.07 2.59 0.00	58.25 2.58 0.00	57.02 2.83 0.00	59.77 3.42 0.00	59.37 3.61 0.00	73.25 4.62 0.00	77.77 5.75 0.00	79.79 5.86 0.00	67.44 6.25 0.00	91.25 9.02 0.00	94.66 9.64 0.00	92.62 7.88 -17.88	583.81 8.63 -491.25	3204.01 50.54 -2661.69	185.30 1.96 -163.36	60.39 3.27 -22.12	57.91 3.93 -13.03	57.92 4.29 -5.78	56.71 3.84 0.00	59.33 3.25 0.00
RAVENSWOOD_GT2_4 24247	80.25 2.71 0.00	64.49 2.22 0.00	59.46 2.60 0.00	58.26 2.79 0.00	58.07 2.59 0.00	58.25 2.58 0.00	57.02 2.83 0.00	59.77 3.42 0.00	59.37 3.61 0.00	73.25 4.62 0.00	77.77 5.75 0.00	79.79 5.86 0.00	67.44 6.25 0.00	91.25 9.02 0.00	94.66 9.64 0.00	92.62 7.88 -17.88	583.81 8.63 -491.25	3204.01 50.54 -2661.69	185.30 1.96 -163.36	60.39 3.27 -22.12	57.91 3.93 -13.03	57.92 4.29 -5.78	56.71 3.84 0.00	59.33 3.25 0.00
RAVENSWOOD_GT3_1 24248	80.18 2.64 0.00	64.43 2.17 0.00	59.43 2.57 0.00	58.23 2.75 0.00	58.04 2.56 0.00	58.21 2.54 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.33 3.57 0.00	73.20 4.57 0.00	77.70 5.69 0.00	79.73 5.79 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.58 9.56 0.00	92.55 7.82 -17.88	583.73 8.55 -491.25	3203.54 50.07 -2661.69	185.28 1.95 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.67 3.80 0.00	59.28 3.20 0.00
RAVENSWOOD_GT3_2 24249	80.18 2.64 0.00	64.43 2.17 0.00	59.43 2.57 0.00	58.23 2.75 0.00	58.04 2.56 0.00	58.21 2.54 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.33 3.57 0.00	73.20 4.57 0.00	77.70 5.69 0.00	79.73 5.79 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.58 9.56 0.00	92.55 7.82 -17.88	583.73 8.55 -491.25	3203.54 50.07 -2661.69	185.28 1.95 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.67 3.80 0.00	59.28 3.20 0.00
RAVENSWOOD_GT3_3 24250	80.40 2.85 0.00	64.59 2.33 0.00	59.56 2.71 0.00	58.36 2.88 0.00	58.16 2.68 0.00	58.35 2.68 0.00	57.11 2.92 0.00	59.87 3.52 0.00	59.47 3.71 0.00	73.39 4.76 0.00	77.92 5.90 0.00	79.96 6.03 0.00	67.57 6.39 0.00	91.43 9.20 0.00	94.84 9.82 0.00	92.76 8.02 -17.88	583.98 8.80 -491.25	3205.05 51.58 -2661.69	185.34 2.01 -163.36	60.46 3.34 -22.12	58.01 4.03 -13.03	58.01 4.39 -5.78	56.83 3.95 0.00	59.43 3.35 0.00
RAVENSWOOD_GT3_4 24251	80.40 2.85 0.00	64.59 2.33 0.00	59.56 2.71 0.00	58.36 2.88 0.00	58.16 2.68 0.00	58.35 2.68 0.00	57.11 2.92 0.00	59.87 3.52 0.00	59.47 3.71 0.00	73.39 4.76 0.00	77.92 5.90 0.00	79.96 6.03 0.00	67.57 6.39 0.00	91.43 9.20 0.00	94.84 9.82 0.00	92.76 8.02 -17.88	583.98 8.80 -491.25	3205.05 51.58 -2661.69	185.34 2.01 -163.36	60.46 3.34 -22.12	58.01 4.03 -13.03	58.01 4.39 -5.78	56.83 3.95 0.00	59.43 3.35 0.00
RAVENSWOOD_GT_1 23729	79.83 2.28 0.00	64.22 1.95 0.00	59.37 2.51 0.00	58.27 2.80 0.00	57.95 2.47 0.00	58.16 2.50 0.00	56.99 2.81 0.00	59.82 3.47 0.00	59.41 3.65 0.00	73.10 4.47 0.00	77.69 5.67 0.00	79.74 5.80 0.00	67.44 6.25 0.00	91.19 8.96 0.00	94.65 9.63 0.00	95.61 7.88 -20.89	579.19 8.19 -487.07	3201.64 48.17 -2661.69	185.21 1.88 -163.36	60.32 3.20 -22.12	57.81 3.83 -13.03	57.75 4.12 -5.78	56.59 3.72 0.00	59.18 3.10 0.00
RAVENSWOOD_GT_10 24258	80.20 2.66 0.00	64.45 2.19 0.00	59.45 2.59 0.00	58.23 2.75 0.00	58.04 2.56 0.00	58.22 2.55 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.34 3.58 0.00	73.21 4.59 0.00	77.71 5.69 0.00	79.74 5.81 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.59 9.57 0.00	93.28 7.82 -18.61	583.74 8.56 -491.25	3203.65 50.18 -2661.69	185.29 1.96 -163.36	60.37 3.25 -22.12	57.89 3.91 -13.03	57.89 4.27 -5.78	56.67 3.80 0.00	59.29 3.21 0.00
RAVENSWOOD_GT_11 24259	80.20 2.66 0.00	64.45 2.19 0.00	59.45 2.59 0.00	58.23 2.75 0.00	58.04 2.56 0.00	58.22 2.55 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.34 3.58 0.00	73.21 4.59 0.00	77.71 5.69 0.00	79.74 5.81 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.59 9.57 0.00	93.28 7.82 -18.61	583.74 8.56 -491.25	3203.65 50.18 -2661.69	185.29 1.96 -163.36	60.37 3.25 -22.12	57.89 3.91 -13.03	57.89 4.27 -5.78	56.67 3.80 0.00	59.29 3.21 0.00
RAVENSWOOD_GT_4 24252	80.20 2.66 0.00	64.43 2.17 0.00	59.44 2.58 0.00	58.24 2.76 0.00	58.04 2.56 0.00	58.21 2.54 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.34 3.58 0.00	73.21 4.59 0.00	77.71 5.69 0.00	79.75 5.81 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.59 9.57 0.00	92.55 7.82 -17.88	583.73 8.55 -491.25	3203.54 50.07 -2661.69	185.29 1.95 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.67 3.80 0.00	59.29 3.21 0.00
RAVENSWOOD_GT_5 24254	80.20 2.66 0.00	64.43 2.17 0.00	59.44 2.58 0.00	58.24 2.76 0.00	58.04 2.56 0.00	58.21 2.54 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.34 3.58 0.00	73.21 4.59 0.00	77.71 5.69 0.00	79.75 5.81 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.59 9.57 0.00	92.55 7.82 -17.88	583.73 8.55 -491.25	3203.54 50.07 -2661.69	185.29 1.95 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.67 3.80 0.00	59.29 3.21 0.00
RAVENSWOOD_GT_6 24253	80.20 2.66 0.00	64.43 2.17 0.00	59.44 2.58 0.00	58.24 2.76 0.00	58.04 2.56 0.00	58.21 2.54 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.34 3.58 0.00	73.21 4.59 0.00	77.71 5.69 0.00	79.75 5.81 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.59 9.57 0.00	92.55 7.82 -17.88	583.73 8.55 -491.25	3203.54 50.07 -2661.69	185.29 1.95 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.67 3.80 0.00	59.29 3.21 0.00
RAVENSWOOD_GT_7 24255	80.20 2.66 0.00	64.43 2.17 0.00	59.44 2.58 0.00	58.24 2.76 0.00	58.04 2.56 0.00	58.21 2.54 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.34 3.58 0.00	73.21 4.59 0.00	77.71 5.69 0.00	79.75 5.81 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.59 9.57 0.00	92.55 7.82 -17.88	583.73 8.55 -491.25	3203.54 50.07 -2661.69	185.29 1.95 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.67 3.80 0.00	59.29 3.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	80.20 2.66 0.00	64.45 2.19 0.00	59.45 2.59 0.00	58.23 2.75 0.00	58.04 2.56 0.00	58.22 2.55 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.34 3.58 0.00	73.21 4.59 0.00	77.71 5.69 0.00	79.74 5.81 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.59 9.57 0.00	93.28 7.82 -18.61	583.74 8.56 -491.25	3203.65 50.18 -2661.69	185.29 1.96 -163.36	60.37 3.25 -22.12	57.89 3.91 -13.03	57.89 4.27 -5.78	56.67 3.80 0.00	59.29 3.21 0.00
RAVENSWOOD_GT_9 24257	80.20 2.66 0.00	64.45 2.19 0.00	59.45 2.59 0.00	58.23 2.75 0.00	58.04 2.56 0.00	58.22 2.55 0.00	56.99 2.80 0.00	59.72 3.37 0.00	59.34 3.58 0.00	73.21 4.59 0.00	77.71 5.69 0.00	79.74 5.81 0.00	67.39 6.20 0.00	91.17 8.94 0.00	94.59 9.57 0.00	93.28 7.82 -18.61	583.74 8.56 -491.25	3203.65 50.18 -2661.69	185.29 1.96 -163.36	60.37 3.25 -22.12	57.89 3.91 -13.03	57.89 4.27 -5.78	56.67 3.80 0.00	59.29 3.21 0.00

RAVENSWOOD___1 23533	79.70 2.16 0.00	64.11 1.85 0.00	59.31 2.45 0.00	58.23 2.75 0.00	57.88 2.40 0.00	58.11 2.44 0.00	56.94 2.75 0.00	59.77 3.42 0.00	59.37 3.61 0.00	73.03 4.40 0.00	77.62 5.60 0.00	79.65 5.71 0.00	67.38 6.20 0.00	91.10 8.87 0.00	94.56 9.54 0.00	94.62 7.79 -19.98	579.00 8.01 -487.06	3200.98 47.51 -2661.69	185.19 1.86 -163.36	60.28 3.15 -22.12	57.77 3.79 -13.03	57.68 4.06 -5.78	56.53 3.66 0.00	59.12 3.04 0.00
RAVENSWOOD___2 23534	78.98 1.44 0.00	63.58 1.32 0.00	58.96 2.10 0.00	57.97 2.49 0.00	57.68 2.20 0.00	57.89 2.22 0.00	56.74 2.55 0.00	59.58 3.22 0.00	59.13 3.37 0.00	72.52 3.89 0.00	76.96 4.95 0.00	78.98 5.04 0.00	66.87 5.68 0.00	90.34 8.11 0.00	93.78 8.76 0.00	93.99 7.19 -19.96	578.10 7.11 -487.06	3195.95 42.49 -2661.69	184.99 1.67 -163.36	59.97 2.85 -22.12	57.43 3.45 -13.03	57.27 3.65 -5.78	56.17 3.30 0.00	58.83 2.76 0.00
RAVENSWOOD___3 23535	80.20 2.66 0.00	64.43 2.17 0.00	59.44 2.58 0.00	58.24 2.76 0.00	58.04 2.56 0.00	58.22 2.55 0.00	56.98 2.79 0.00	59.72 3.37 0.00	59.33 3.57 0.00	73.22 4.59 0.00	77.72 5.70 0.00	79.75 5.81 0.00	67.38 6.20 0.00	91.17 8.94 0.00	94.60 9.58 0.00	92.54 7.80 -17.88	583.66 8.48 -491.25	3203.57 50.11 -2661.69	185.29 1.96 -163.36	60.36 3.24 -22.12	57.89 3.91 -13.03	57.88 4.26 -5.78	56.67 3.80 0.00	59.28 3.20 0.00
RAVENSWOOD___4 23820	79.60 2.06 0.00	64.03 1.77 0.00	59.25 2.39 0.00	58.17 2.70 0.00	57.81 2.33 0.00	58.04 2.38 0.00	56.88 2.69 0.00	59.73 3.38 0.00	59.33 3.57 0.00	72.94 4.31 0.00	77.54 5.53 0.00	79.57 5.64 0.00	67.32 6.13 0.00	91.01 8.78 0.00	94.47 9.46 0.00	93.63 7.73 -19.06	578.85 7.85 -487.06	3200.26 46.79 -2661.69	185.16 1.83 -163.36	60.24 3.12 -22.12	57.73 3.75 -13.03	57.62 4.00 -5.78	56.47 3.60 0.00	59.06 2.98 0.00
RCPL_TRUST___DRP 24196	80.33 2.79 0.00	64.53 2.27 0.00	59.48 2.62 0.00	58.28 2.80 0.00	58.09 2.62 0.00	58.29 2.62 0.00	57.06 2.87 0.00	59.82 3.46 0.00	59.44 3.68 0.00	73.38 4.75 0.00	77.95 5.94 0.00	79.96 6.03 0.00	67.57 6.39 0.00	91.48 9.25 0.00	94.90 9.88 0.00	92.77 8.04 -17.89	584.12 8.82 -491.37	3205.89 51.78 -2662.33	185.37 2.01 -163.39	60.45 3.32 -22.12	58.00 4.01 -13.03	58.02 4.40 -5.78	56.78 3.91 0.00	59.39 3.31 0.00
RED___ROCHESTER 323720	80.71 3.17 0.00	64.06 1.79 0.00	57.31 0.46 0.00	55.62 0.15 0.00	55.53 0.05 0.00	55.89 0.23 0.00	54.36 0.17 0.00	56.72 0.37 0.00	56.68 0.92 0.00	70.59 1.96 0.00	74.09 2.07 0.00	76.84 2.91 0.00	64.15 2.97 0.00	86.63 4.40 0.00	89.41 4.39 0.00	69.56 2.71 0.00	86.64 2.71 0.00	522.98 14.38 -16.82	20.90 0.46 -0.47	36.05 1.04 0.00	42.17 1.23 0.00	49.52 1.68 0.00	54.84 1.97 0.00	57.15 1.08 0.00
REGAN___SOLAR 323812	83.10 5.55 0.00	66.57 4.30 0.00	60.69 3.83 0.00	59.07 3.59 0.00	59.06 3.58 0.00	59.33 3.67 0.00	57.81 3.62 0.00	59.22 2.87 0.00	57.56 1.80 0.00	70.18 1.55 0.00	73.64 1.62 0.00	75.47 1.53 0.00	62.55 1.37 0.00	84.21 1.98 0.00	87.64 2.62 0.00	68.68 1.80 -0.03	88.50 4.57 0.00	605.79 32.47 -81.54	49.75 1.52 -28.25	38.00 3.00 0.00	112.81 3.78 -68.09	94.02 4.32 -41.86	57.26 4.39 0.00	60.20 4.13 0.00
RENSSELAER___COGEN 23796	77.86 0.31 0.00	62.63 0.36 0.00	57.47 0.61 0.00	56.21 0.73 0.00	56.25 0.77 0.00	56.23 0.56 0.00	54.87 0.68 0.00	57.05 0.70 0.00	56.29 0.53 0.00	69.20 0.57 0.00	72.87 0.85 0.00	74.51 0.58 0.00	62.17 0.98 0.00	83.93 1.70 0.00	87.22 2.20 0.00	68.72 2.10 0.23	87.43 2.57 -0.93	501.91 16.57 6.44	36.93 0.60 -16.36	35.94 0.94 0.00	79.52 1.03 -37.54	31.45 1.19 17.57	53.56 0.69 0.00	56.30 0.22 0.00
REPUBLIC_115KV_BARTNBRK 55605	88.76 11.22 0.00	70.84 8.57 0.00	64.43 7.57 0.00	62.55 7.08 0.00	62.53 7.05 0.00	63.19 7.53 0.00	61.67 7.47 0.00	63.31 6.96 0.00	62.21 6.45 0.00	76.34 7.71 0.00	80.08 8.06 0.00	81.37 7.44 0.00	67.65 6.47 0.00	93.64 11.42 0.00	98.37 13.35 0.00	77.67 10.77 -0.05	97.71 12.93 -0.85	636.98 80.01 -65.19	51.19 3.12 -28.10	40.71 5.71 0.00	116.78 7.33 -68.50	102.54 8.64 -46.06	60.74 7.87 0.00	63.43 7.35 0.00
REVERE_CPPR_DRP 24186	81.12 3.58 0.00	64.80 2.53 0.00	58.96 2.11 0.00	57.49 2.01 0.00	57.44 1.96 0.00	57.61 1.95 0.00	56.03 1.85 0.00	58.31 1.96 0.00	57.57 1.82 0.00	70.82 2.19 0.00	74.30 2.28 0.00	76.29 2.36 0.00	63.18 2.00 0.00	85.00 2.77 0.00	88.15 3.13 0.00	69.40 2.55 0.00	87.86 3.93 0.00	516.32 24.54 0.00	20.99 1.02 0.00	37.12 2.12 0.00	45.09 2.53 -1.61	50.78 2.94 0.00	55.70 2.83 0.00	58.66 2.59 0.00
REYNLDPA_13_KV_LD 356490	77.24 -0.31 0.00	62.52 0.26 0.00	57.19 0.33 0.00	55.84 0.36 0.00	55.93 0.45 0.00	56.10 0.44 0.00	54.43 0.25 0.00	56.52 0.16 0.00	55.98 0.22 0.00	68.74 0.11 0.00	71.72 -0.30 0.00	73.53 -0.40 0.00	60.06 -1.12 0.00	79.81 -2.42 0.00	81.96 -3.07 0.00	47.98 -3.17 15.70	80.13 -3.80 0.00	471.82 -19.96 0.00	19.18 -0.79 0.00	33.58 -1.42 0.00	37.29 -1.68 1.98	46.06 -1.78 0.00	51.77 -1.11 0.00	56.38 0.30 0.00
REYNOLDS_115KV_TB3 80639	78.65 1.11 0.00	63.27 1.00 0.00	58.05 1.19 0.00	56.71 1.23 0.00	56.77 1.29 0.00	56.84 1.17 0.00	55.45 1.26 0.00	57.66 1.31 0.00	56.94 1.18 0.00	70.00 1.37 0.00	73.74 1.72 0.00	75.38 1.45 0.00	62.85 1.67 0.00	85.01 2.78 0.00	88.34 3.32 0.00	70.21 3.01 -0.35	92.11 3.65 -4.54	535.66 22.70 -21.18	40.51 0.86 -19.68	36.73 1.37 -0.35	84.04 1.58 -41.52	96.60 1.83 -46.93	54.23 1.36 0.00	56.90 0.82 0.00
RIVERBAY____ 323610	82.92 5.38 0.00	66.75 4.49 0.00	61.70 4.84 0.00	60.56 5.08 0.00	59.86 4.38 0.00	60.15 4.49 0.00	58.91 4.72 0.00	61.83 5.48 0.00	61.34 5.58 0.00	75.61 6.98 0.00	80.40 8.38 0.00	82.54 8.60 0.00	69.71 8.53 0.00	94.28 12.05 0.00	97.81 12.79 0.00	95.75 10.42 -18.49	586.72 11.54 -491.25	3221.16 67.69 -2661.69	186.00 2.67 -163.36	61.71 4.58 -22.12	59.43 5.45 -13.03	59.56 5.94 -5.78	58.75 5.88 0.00	61.26 5.18 0.00
RIVERSDE_115KV_TB3 55908	78.43 0.89 0.00	63.08 0.82 0.00	57.87 1.02 0.00	56.58 1.10 0.00	56.63 1.15 0.00	56.64 0.97 0.00	55.27 1.09 0.00	57.50 1.14 0.00	56.78 1.02 0.00	69.82 1.19 0.00	73.55 1.53 0.00	75.23 1.29 0.00	62.78 1.60 0.00	84.84 2.62 0.00	88.19 3.17 0.00	69.79 2.88 -0.06	88.37 3.50 -0.94	516.73 22.08 -2.87	38.81 0.82 -18.02	36.31 1.30 0.00	84.49 1.47 -42.07	82.35 1.69 -32.82	54.09 1.22 0.00	56.78 0.70 0.00
ROARING___BROOK_WT_PWR 323790	77.36 -0.19 0.00	62.18 -0.08 0.00	56.84 -0.02 0.00	55.48 0.00 0.00	55.48 0.01 0.00	55.39 -0.27 0.00	53.75 -0.44 0.00	55.96 -0.39 0.00	55.54 -0.22 0.00	68.42 -0.21 0.00	71.66 -0.35 0.00	73.36 -0.58 0.00	60.42 -0.76 0.00	80.86 -1.37 0.00	83.41 -1.61 0.00	47.13 -1.19 18.53	82.79 -1.14 0.00	486.25 -5.52 0.00	19.77 -0.20 0.00	34.65 -0.35 0.00	40.07 -0.40 0.48	47.34 -0.50 0.00	52.36 -0.51 0.00	55.72 -0.36 0.00

ROCHESRG_115KV_T4 355643	79.57 2.02 0.00	63.16 0.90 0.00	56.54 -0.31 0.00	54.90 -0.59 0.00	54.81 -0.68 0.00	55.14 -0.53 0.00	53.62 -0.58 0.00	55.89 -0.46 0.00	55.82 0.06 0.00	69.44 0.81 0.00	72.78 0.77 0.00	75.38 1.45 0.00	62.87 1.69 0.00	84.84 2.61 0.00	87.45 2.43 0.00	68.03 1.18 0.00	84.68 0.75 0.00	511.50 3.03 -16.69	20.46 0.03 -0.46	35.26 0.26 0.00	41.30 0.36 0.00	48.52 0.68 0.00	53.81 0.94 0.00	56.17 0.09 0.00
ROCHESTER_9_IC 23652	80.17 2.62 0.00	63.62 1.36 0.00	56.94 0.08 0.00	55.28 -0.20 0.00	55.18 -0.30 0.00	55.53 -0.13 0.00	54.00 -0.19 0.00	56.33 -0.02 0.00	56.27 0.51 0.00	70.02 1.39 0.00	73.44 1.43 0.00	76.14 2.20 0.00	63.52 2.34 0.00	85.76 3.53 0.00	88.46 3.44 0.00	68.78 1.93 0.00	85.61 1.68 0.00	517.19 8.59 -16.82	20.69 0.25 -0.47	35.65 0.64 0.00	41.74 0.80 0.00	49.03 1.19 0.00	54.34 1.46 0.00	56.67 0.59 0.00
ROCKVIEW_13_KV_LD 356306	80.90 3.36 0.00	64.98 2.71 0.00	59.79 2.93 0.00	58.51 3.04 0.00	58.32 2.84 0.00	58.49 2.83 0.00	57.22 3.04 0.00	59.94 3.59 0.00	59.53 3.77 0.00	73.46 4.83 0.00	77.97 5.95 0.00	80.12 6.19 0.00	67.62 6.43 0.00	91.55 9.32 0.00	95.11 10.09 0.00	92.97 8.24 -17.89	584.50 9.25 -491.33	3208.20 54.32 -2662.10	185.46 2.11 -163.38	60.64 3.51 -22.12	58.15 4.17 -13.03	58.19 4.57 -5.78	56.98 4.10 0.00	59.53 3.46 0.00
ROME____115KV_TB2 80656	81.12 3.58 0.00	64.80 2.53 0.00	58.96 2.11 0.00	57.49 2.01 0.00	57.44 1.96 0.00	57.61 1.95 0.00	56.03 1.85 0.00	58.31 1.96 0.00	57.57 1.82 0.00	70.82 2.19 0.00	74.30 2.28 0.00	76.29 2.36 0.00	63.18 2.00 0.00	85.00 2.77 0.00	88.15 3.13 0.00	69.40 2.55 0.00	87.86 3.93 0.00	516.32 24.54 0.00	20.99 1.02 0.00	37.12 2.12 0.00	45.09 2.53 -1.61	50.78 2.94 0.00	55.70 2.83 0.00	58.66 2.59 0.00
ROSETON___1 23587	79.48 1.94 0.00	63.90 1.63 0.00	58.70 1.84 0.00	57.39 1.92 0.00	57.24 1.76 0.00	57.42 1.76 0.00	56.16 1.97 0.00	58.70 2.34 0.00	58.19 2.43 0.00	71.71 3.08 0.00	75.92 3.90 0.00	77.94 4.00 0.00	65.50 4.32 0.00	88.62 6.39 0.00	92.04 7.02 0.00	76.86 5.86 -4.16	163.63 6.60 -73.10	603.19 38.27 -73.14	58.31 1.51 -36.83	44.85 2.51 -7.34	51.57 2.95 -7.68	56.52 3.20 -5.48	55.58 2.71 0.00	58.19 2.11 0.00
ROSETON___2 23588	79.48 1.94 0.00	63.90 1.63 0.00	58.70 1.84 0.00	57.39 1.92 0.00	57.24 1.76 0.00	57.42 1.76 0.00	56.16 1.97 0.00	58.70 2.34 0.00	58.19 2.43 0.00	71.71 3.08 0.00	75.92 3.90 0.00	77.94 4.00 0.00	65.50 4.32 0.00	88.62 6.39 0.00	92.04 7.02 0.00	76.86 5.86 -4.16	163.63 6.60 -73.10	603.19 38.27 -73.14	58.31 1.51 -36.83	44.85 2.51 -7.34	51.57 2.95 -7.68	56.52 3.20 -5.48	55.58 2.71 0.00	58.19 2.11 0.00
ROTTRDAM_115KV_TB3 80664	79.62 2.08 0.00	63.97 1.71 0.00	58.55 1.69 0.00	57.12 1.64 0.00	57.08 1.60 0.00	57.30 1.63 0.00	55.91 1.72 0.00	58.07 1.72 0.00	57.30 1.54 0.00	70.46 1.83 0.00	74.11 2.09 0.00	75.94 2.00 0.00	63.19 2.01 0.00	85.46 3.23 0.00	88.63 3.61 0.00	69.86 2.98 -0.03	88.71 3.99 -0.79	598.26 23.98 -82.50	51.45 0.96 -30.52	36.65 1.65 0.00	117.53 1.99 -74.60	96.02 2.28 -45.89	54.89 2.02 0.00	57.66 1.58 0.00
RUSSELL___1 23602	80.73 3.19 0.00	64.06 1.79 0.00	57.31 0.45 0.00	55.62 0.15 0.00	55.53 0.05 0.00	55.89 0.23 0.00	54.37 0.18 0.00	56.72 0.37 0.00	56.68 0.92 0.00	70.59 1.96 0.00	74.08 2.07 0.00	76.85 2.91 0.00	64.16 2.97 0.00	86.64 4.41 0.00	89.40 4.38 0.00	69.51 2.67 0.00	86.53 2.60 0.00	522.76 14.15 -16.82	20.89 0.45 -0.47	36.03 1.03 0.00	42.17 1.22 0.00	49.52 1.68 0.00	54.84 1.97 0.00	57.15 1.07 0.00
RUSSELL___2 23532	80.73 3.19 0.00	64.06 1.79 0.00	57.31 0.45 0.00	55.62 0.15 0.00	55.53 0.05 0.00	55.89 0.23 0.00	54.37 0.18 0.00	56.72 0.37 0.00	56.68 0.92 0.00	70.59 1.96 0.00	74.08 2.07 0.00	76.85 2.91 0.00	64.16 2.97 0.00	86.64 4.41 0.00	89.40 4.38 0.00	69.51 2.67 0.00	86.53 2.60 0.00	522.76 14.15 -16.82	20.89 0.45 -0.47	36.03 1.03 0.00	42.17 1.22 0.00	49.52 1.68 0.00	54.84 1.97 0.00	57.15 1.07 0.00
RUSSELL___3 23549	80.73 3.19 0.00	64.06 1.79 0.00	57.31 0.45 0.00	55.62 0.15 0.00	55.53 0.05 0.00	55.89 0.23 0.00	54.37 0.18 0.00	56.72 0.37 0.00	56.68 0.92 0.00	70.59 1.96 0.00	74.08 2.07 0.00	76.85 2.91 0.00	64.16 2.97 0.00	86.64 4.41 0.00	89.40 4.38 0.00	69.51 2.67 0.00	86.53 2.60 0.00	522.76 14.15 -16.82	20.89 0.45 -0.47	36.03 1.03 0.00	42.17 1.22 0.00	49.52 1.68 0.00	54.84 1.97 0.00	57.15 1.07 0.00
RUSSELL___4 23556	80.73 3.19 0.00	64.06 1.79 0.00	57.31 0.45 0.00	55.62 0.15 0.00	55.53 0.05 0.00	55.89 0.23 0.00	54.37 0.18 0.00	56.72 0.37 0.00	56.68 0.92 0.00	70.59 1.96 0.00	74.08 2.07 0.00	76.85 2.91 0.00	64.16 2.97 0.00	86.64 4.41 0.00	89.40 4.38 0.00	69.51 2.67 0.00	86.53 2.60 0.00	522.76 14.15 -16.82	20.89 0.45 -0.47	36.03 1.03 0.00	42.17 1.22 0.00	49.52 1.68 0.00	54.84 1.97 0.00	57.15 1.07 0.00
RUSSELL___STATION 23914	80.73 3.19 0.00	64.06 1.79 0.00	57.31 0.45 0.00	55.62 0.15 0.00	55.53 0.05 0.00	55.89 0.23 0.00	54.37 0.18 0.00	56.72 0.37 0.00	56.68 0.92 0.00	70.59 1.96 0.00	74.08 2.07 0.00	76.85 2.91 0.00	64.16 2.97 0.00	86.64 4.41 0.00	89.40 4.38 0.00	69.51 2.67 0.00	86.53 2.60 0.00	522.76 14.15 -16.82	20.89 0.45 -0.47	36.03 1.03 0.00	42.17 1.22 0.00	49.52 1.68 0.00	54.84 1.97 0.00	57.15 1.07 0.00
S SALMON___HYD 24043	78.51 0.96 0.00	62.70 0.44 0.00	57.01 0.15 0.00	55.54 0.06 0.00	55.41 -0.07 0.00	55.41 -0.25 0.00	53.88 -0.31 0.00	56.22 -0.14 0.00	55.71 -0.05 0.00	68.70 0.07 0.00	71.86 -0.15 0.00	73.65 -0.28 0.00	60.69 -0.49 0.00	81.45 -0.78 0.00	84.07 -0.95 0.00	64.94 -0.89 1.02	83.04 -0.89 0.00	486.77 -5.01 0.00	19.95 -0.02 0.00	35.30 0.30 0.00	43.37 0.56 -1.87	48.70 0.86 0.00	53.57 0.70 0.00	56.44 0.36 0.00
S.PERRY__115KV_TB1 80734	81.18 3.63 0.00	64.30 2.03 0.00	57.39 0.53 0.00	55.76 0.28 0.00	55.65 0.17 0.00	56.10 0.43 0.00	54.72 0.53 0.00	56.91 0.55 0.00	55.96 0.20 0.00	69.04 0.41 0.00	72.32 0.30 0.00	73.80 -0.13 0.00	60.69 -0.50 0.00	81.68 -0.55 0.00	84.27 -0.75 0.00	66.86 0.01 0.00	83.44 -0.49 0.00	514.13 -8.35 -30.71	22.02 0.00 -2.05	35.35 0.35 0.00	42.01 0.72 -0.36	49.01 1.16 -0.01	56.03 3.15 0.00	57.41 1.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	80.43 2.89 0.00	63.56 1.30 0.00	56.28 -0.58 0.00	54.53 -0.95 0.00	54.39 -1.09 0.00	54.77 -0.90 0.00	53.07 -1.12 0.00	55.26 -1.10 0.00	55.42 -0.33 0.00	69.35 0.72 0.00	72.57 0.55 0.00	75.38 1.45 0.00	62.87 1.69 0.00	84.75 2.52 0.00	86.97 1.95 0.00	67.11 0.26 0.00	83.32 -0.61 0.00	516.11 -3.82 -28.15	21.53 -0.32 -1.87	34.69 -0.31 0.00	40.96 -0.31 -0.33	47.92 0.08 -0.01	53.51 0.64 0.00	55.52 -0.56 0.00

SAWYER___23_KV_LOAD 55526	80.43 2.89 0.00	63.56 1.30 0.00	56.28 -0.58 0.00	54.53 -0.95 0.00	54.39 -1.09 0.00	54.77 -0.90 0.00	53.07 -1.12 0.00	55.26 -1.10 0.00	55.42 -0.33 0.00	69.35 0.72 0.00	72.57 0.55 0.00	75.38 1.45 0.00	62.87 1.69 0.00	84.75 2.52 0.00	86.97 1.95 0.00	67.11 0.26 0.00	83.32 -0.61 0.00	516.11 -3.82 -28.15	21.53 -0.32 -1.87	34.69 -0.31 0.00	40.96 -0.31 -0.33	47.92 0.08 -0.01	53.51 0.64 0.00	55.52 -0.56 0.00
SELKIRK___I 23801	76.90 -0.64 0.00	61.94 -0.33 0.00	56.82 -0.04 0.00	55.56 0.08 0.00	55.58 0.10 0.00	55.65 -0.02 0.00	54.25 0.06 0.00	56.22 -0.13 0.00	55.32 -0.43 0.00	67.94 -0.69 0.00	71.42 -0.60 0.00	73.07 -0.87 0.00	60.88 -0.31 0.00	82.22 -0.01 0.00	85.35 0.33 0.00	67.25 0.52 0.12	85.67 0.87 -0.87	479.66 4.96 17.09	33.26 0.20 -13.08	35.33 0.32 0.00	69.49 0.36 -28.18	44.42 0.48 3.90	52.89 0.02 0.00	55.65 -0.43 0.00
SELKIRK___II 23799	77.49 -0.06 0.00	62.34 0.08 0.00	57.22 0.36 0.00	55.94 0.47 0.00	55.94 0.47 0.00	56.02 0.35 0.00	54.64 0.45 0.00	56.82 0.46 0.00	56.07 0.31 0.00	68.93 0.30 0.00	72.53 0.51 0.00	74.21 0.28 0.00	61.88 0.69 0.00	83.56 1.33 0.00	86.74 1.72 0.00	68.34 1.62 0.13	86.78 1.97 -0.89	485.11 12.05 18.72	34.10 0.43 -13.70	35.67 0.67 0.00	71.85 0.75 -30.15	42.88 0.86 5.81	53.30 0.43 0.00	56.05 -0.03 0.00
SENECA OSWGO___HYD 24041	76.62 -0.92 0.00	61.34 -0.92 0.00	55.74 -1.12 0.00	54.33 -1.15 0.00	54.28 -1.20 0.00	54.50 -1.17 0.00	53.12 -1.07 0.00	55.33 -1.02 0.00	54.77 -0.98 0.00	67.61 -1.02 0.00	70.88 -1.14 0.00	72.92 -1.02 0.00	60.68 -0.51 0.00	81.85 -0.37 0.00	84.63 -0.39 0.00	66.52 -0.33 0.00	83.50 -0.43 0.00	487.06 -4.72 0.00	19.81 -0.17 0.00	34.92 -0.08 0.00	41.46 -0.11 -0.62	47.66 -0.18 0.00	52.39 -0.48 0.00	55.19 -0.88 0.00
SENECA___115KV_TB3 355854	81.25 3.70 0.00	64.21 1.94 0.00	56.85 0.00 0.00	55.11 -0.37 0.00	54.98 -0.50 0.00	55.38 -0.29 0.00	53.72 -0.47 0.00	55.95 -0.41 0.00	56.07 0.31 0.00	70.19 1.56 0.00	73.51 1.49 0.00	76.43 2.50 0.00	63.76 2.57 0.00	86.08 3.85 0.00	88.47 3.45 0.00	68.31 1.46 0.00	84.84 0.91 0.00	526.67 5.36 -29.53	22.02 0.08 -1.97	35.40 0.39 0.00	41.81 0.52 -0.34	48.74 0.89 -0.01	54.28 1.41 0.00	56.19 0.11 0.00
SENECA___ENERGY 23797	79.09 1.54 0.00	63.12 0.86 0.00	56.89 0.03 0.00	55.37 -0.11 0.00	55.22 -0.26 0.00	55.58 -0.09 0.00	54.24 0.05 0.00	56.50 0.15 0.00	55.94 0.18 0.00	69.18 0.55 0.00	72.60 0.58 0.00	74.93 1.00 0.00	62.53 1.35 0.00	84.72 2.49 0.00	87.53 2.52 0.00	68.71 1.86 0.00	85.78 1.85 0.00	522.96 8.72 -22.46	21.95 0.48 -1.49	36.10 1.09 0.00	42.87 1.30 -0.62	49.22 1.37 0.00	54.13 1.26 0.00	56.62 0.55 0.00
SHOEMAKER___GT 23640	79.69 2.15 0.00	63.98 1.71 0.00	58.67 1.81 0.00	57.33 1.86 0.00	57.18 1.70 0.00	57.37 1.70 0.00	56.09 1.90 0.00	58.58 2.23 0.00	58.04 2.28 0.00	71.51 2.89 0.00	75.62 3.60 0.00	77.74 3.80 0.00	65.24 4.06 0.00	88.33 6.11 0.00	91.80 6.78 0.00	74.81 5.56 -2.40	102.95 6.43 -12.58	1334.81 36.93 -806.10	70.71 1.46 -49.28	42.54 2.47 -5.07	50.56 2.92 -6.69	56.07 3.19 -5.03	55.65 2.77 0.00	58.26 2.18 0.00
SHOEMAKR_138KV_BK 111 55601	79.61 2.07 0.00	63.91 1.65 0.00	58.62 1.76 0.00	57.29 1.82 0.00	57.14 1.66 0.00	57.33 1.66 0.00	56.04 1.85 0.00	58.54 2.18 0.00	58.02 2.26 0.00	71.51 2.88 0.00	75.64 3.62 0.00	77.76 3.83 0.00	65.30 4.12 0.00	88.38 6.15 0.00	91.84 6.82 0.00	74.89 5.62 -2.42	95.89 6.44 -5.51	1313.79 37.15 -784.87	70.73 1.47 -49.29	42.53 2.46 -5.06	50.51 2.90 -6.66	55.99 3.17 -4.98	55.61 2.74 0.00	58.23 2.15 0.00
SHOREHAM_IC_1 23715	76.16 2.23 3.62	64.81 2.55 0.00	62.06 3.49 -1.71	58.82 3.34 0.00	58.55 3.07 0.00	58.70 3.03 0.00	57.20 3.02 0.00	60.05 3.69 0.00	59.49 3.73 0.00	73.32 4.69 0.00	79.26 5.48 -1.76	77.71 5.79 2.02	89.91 6.30 -22.43	110.98 8.78 -19.98	195.57 10.05 -100.50	231.25 7.35 -157.05	578.54 6.88 -487.73	3098.80 39.81 -2567.21	250.17 1.57 -228.63	172.64 3.80 -133.84	110.34 4.80 -64.59	70.98 4.88 -18.26	56.26 3.73 0.35	60.14 3.18 -0.89
SHOREHAM_IC_2 23716	76.13 2.20 3.62	64.81 2.55 0.00	62.05 3.48 -1.71	58.81 3.33 0.00	58.55 3.07 0.00	58.70 3.03 0.00	57.20 3.01 0.00	60.05 3.70 0.00	59.49 3.73 0.00	73.31 4.68 0.00	79.27 5.49 -1.76	77.71 5.79 2.02	89.94 6.32 -22.43	111.13 8.92 -19.98	195.65 10.13 -100.50	231.32 7.42 -157.05	578.84 7.18 -487.73	3099.16 40.17 -2567.21	250.18 1.58 -228.63	172.63 3.78 -133.84	110.33 4.80 -64.59	70.96 4.86 -18.26	56.24 3.72 0.35	60.14 3.18 -0.89
SISSONVILLE____ 23735	78.43 0.89 0.00	62.89 0.62 0.00	57.47 0.61 0.00	56.13 0.66 0.00	56.21 0.73 0.00	56.41 0.74 0.00	54.60 0.41 0.00	56.51 0.15 0.00	55.58 -0.18 0.00	67.91 -0.72 0.00	70.66 -1.36 0.00	72.06 -1.88 0.00	58.48 -2.70 0.00	76.66 -5.57 0.00	78.40 -6.62 0.00	49.21 -5.13 12.50	78.10 -5.83 0.00	460.72 -31.05 0.00	18.85 -1.13 0.00	33.14 -1.86 0.00	32.27 -2.06 6.61	46.01 -1.83 0.00	52.25 -0.62 0.00	56.83 0.75 0.00
SITHE_IND_GS1 24169	75.56 -1.98 0.00	60.54 -1.72 0.00	55.06 -1.80 0.00	53.68 -1.80 0.00	53.62 -1.86 0.00	53.84 -1.83 0.00	52.46 -1.73 0.00	54.60 -1.76 0.00	54.07 -1.69 0.00	66.70 -1.92 0.00	69.81 -2.21 0.00	71.84 -2.10 0.00	59.66 -1.52 0.00	80.41 -1.82 0.00	83.17 -1.86 0.00	65.36 -1.49 0.00	82.11 -1.82 0.00	479.48 -12.30 0.00	19.50 -0.47 0.00	34.27 -0.73 0.00	40.06 -0.89 0.00	46.77 -1.07 0.00	51.54 -1.33 0.00	54.44 -1.64 0.00
SITHE_IND_GS2 24170	75.56 -1.98 0.00	60.54 -1.72 0.00	55.06 -1.80 0.00	53.68 -1.80 0.00	53.62 -1.86 0.00	53.84 -1.83 0.00	52.46 -1.73 0.00	54.60 -1.76 0.00	54.07 -1.69 0.00	66.70 -1.92 0.00	69.81 -2.21 0.00	71.84 -2.10 0.00	59.66 -1.52 0.00	80.41 -1.82 0.00	83.17 -1.86 0.00	65.36 -1.49 0.00	82.11 -1.82 0.00	479.48 -12.30 0.00	19.50 -0.47 0.00	34.27 -0.73 0.00	40.06 -0.89 0.00	46.77 -1.07 0.00	51.54 -1.33 0.00	54.44 -1.64 0.00
SITHE_IND_GS3 24171	75.56 -1.98 0.00	60.54 -1.72 0.00	55.06 -1.80 0.00	53.68 -1.80 0.00	53.62 -1.86 0.00	53.84 -1.83 0.00	52.46 -1.73 0.00	54.60 -1.76 0.00	54.07 -1.69 0.00	66.70 -1.92 0.00	69.81 -2.21 0.00	71.84 -2.10 0.00	59.66 -1.52 0.00	80.41 -1.82 0.00	83.17 -1.86 0.00	65.36 -1.49 0.00	82.11 -1.82 0.00	479.48 -12.30 0.00	19.50 -0.47 0.00	34.27 -0.73 0.00	40.06 -0.89 0.00	46.77 -1.07 0.00	51.54 -1.33 0.00	54.44 -1.64 0.00
SITHE_IND_GS4 24172	75.56 -1.98 0.00	60.54 -1.72 0.00	55.06 -1.80 0.00	53.68 -1.80 0.00	53.62 -1.86 0.00	53.84 -1.83 0.00	52.46 -1.73 0.00	54.60 -1.76 0.00	54.07 -1.69 0.00	66.70 -1.92 0.00	69.81 -2.21 0.00	71.84 -2.10 0.00	59.66 -1.52 0.00	80.41 -1.82 0.00	83.17 -1.86 0.00	65.36 -1.49 0.00	82.11 -1.82 0.00	479.48 -12.30 0.00	19.50 -0.47 0.00	34.27 -0.73 0.00	40.06 -0.89 0.00	46.77 -1.07 0.00	51.54 -1.33 0.00	54.44 -1.64 0.00

SITHE___BATAVIA 24024	81.12 3.58 0.00	64.09 1.82 0.00	56.86 0.00 0.00	55.07 -0.41 0.00	54.98 -0.50 0.00	55.40 -0.27 0.00	53.77 -0.42 0.00	55.90 -0.45 0.00	55.80 0.04 0.00	69.46 0.83 0.00	72.60 0.58 0.00	75.47 1.54 0.00	63.23 2.05 0.00	84.93 2.70 0.00	87.82 2.80 0.00	68.01 1.16 0.00	84.83 0.91 0.00	519.97 3.66 -24.53	21.71 0.11 -1.63	35.48 0.48 0.00	41.90 0.67 -0.28	49.01 1.17 0.00	54.43 1.56 0.00	56.75 0.68 0.00
SITHE___INDEPEND 23800	75.56 -1.98 0.00	60.54 -1.73 0.00	55.06 -1.80 0.00	53.68 -1.80 0.00	53.62 -1.86 0.00	53.84 -1.83 0.00	52.46 -1.73 0.00	54.60 -1.76 0.00	54.07 -1.69 0.00	66.70 -1.93 0.00	69.81 -2.21 0.00	71.84 -2.10 0.00	59.66 -1.52 0.00	80.41 -1.82 0.00	83.17 -1.85 0.00	65.34 -1.51 0.00	82.04 -1.89 0.00	479.39 -12.39 0.00	19.50 -0.48 0.00	34.27 -0.73 0.00	40.06 -0.89 0.00	46.77 -1.07 0.00	51.54 -1.33 0.00	54.44 -1.64 0.00
SITHE___MASSENA 23902	77.92 0.37 0.00	62.60 0.34 0.00	57.23 0.37 0.00	55.88 0.40 0.00	55.97 0.49 0.00	56.21 0.54 0.00	54.51 0.32 0.00	56.56 0.21 0.00	55.96 0.20 0.00	68.63 0.00 0.00	71.57 -0.45 0.00	73.23 -0.71 0.00	59.75 -1.43 0.00	78.92 -3.31 0.00	81.02 -4.00 0.00	48.41 -3.29 15.15	80.14 -3.79 0.00	472.02 -19.76 0.00	19.22 -0.75 0.00	33.67 -1.33 0.00	36.61 -1.56 2.77	46.27 -1.57 0.00	52.15 -0.72 0.00	56.48 0.40 0.00
SITHE___OGDNSBRG 24021	79.85 2.30 0.00	64.04 1.77 0.00	58.55 1.69 0.00	57.18 1.71 0.00	57.29 1.82 0.00	57.55 1.88 0.00	55.78 1.59 0.00	57.72 1.36 0.00	56.81 1.05 0.00	69.20 0.58 0.00	71.92 -0.09 0.00	73.31 -0.63 0.00	59.55 -1.63 0.00	78.19 -4.03 0.00	79.94 -5.08 0.00	49.70 -3.62 13.53	80.11 -3.82 0.00	471.46 -20.32 0.00	19.34 -0.63 0.00	34.11 -0.89 0.00	34.87 -0.95 5.12	47.09 -0.75 0.00	53.27 0.40 0.00	57.83 1.76 0.00
SITHE___STERLING 23777	79.83 2.29 0.00	63.85 1.58 0.00	58.09 1.23 0.00	56.65 1.17 0.00	56.59 1.10 0.00	56.79 1.12 0.00	55.33 1.14 0.00	57.55 1.20 0.00	56.79 1.04 0.00	69.90 1.27 0.00	73.35 1.34 0.00	75.42 1.49 0.00	62.61 1.43 0.00	84.39 2.16 0.00	87.53 2.51 0.00	68.95 2.10 0.00	87.03 3.10 0.00	510.01 18.23 0.00	20.76 0.79 0.00	36.63 1.63 0.00	43.93 1.91 -1.08	50.03 2.19 0.00	54.87 2.00 0.00	57.78 1.70 0.00
SLEIGHT__34_KV_TB1 80719	79.18 1.63 0.00	63.01 0.75 0.00	56.63 -0.23 0.00	55.06 -0.42 0.00	54.93 -0.55 0.00	55.30 -0.36 0.00	53.91 -0.28 0.00	56.20 -0.16 0.00	55.84 0.08 0.00	69.18 0.56 0.00	72.50 0.48 0.00	74.90 0.96 0.00	62.50 1.31 0.00	84.60 2.37 0.00	87.13 2.11 0.00	67.91 1.06 0.00	84.71 0.78 0.00	512.25 4.26 -16.21	20.55 0.13 -0.45	35.65 0.65 0.00	41.71 0.77 0.00	48.83 0.99 0.00	53.88 1.01 0.00	56.33 0.25 0.00
SMITHTWN_69_KV_BK 1 55830	77.40 3.36 3.50	65.62 3.36 0.00	62.78 4.21 -1.71	59.50 4.02 0.00	59.20 3.72 0.00	59.33 3.67 0.00	57.78 3.59 0.00	60.61 4.26 0.00	60.15 4.39 0.00	74.12 5.49 0.00	78.97 6.26 -0.69	78.66 6.67 1.95	135.83 7.12 -67.54	153.98 9.82 -61.93	386.93 11.07 -290.83	434.45 8.10 -359.49	595.12 9.34 -501.85	3115.16 54.24 -2569.15	339.54 2.23 -317.34	312.88 4.19 -273.68	146.37 5.14 -100.27	83.84 5.33 -30.67	56.64 4.36 0.59	60.26 3.94 -0.24
SOUTH CAIRO___GT 23612	81.03 3.49 0.00	64.98 2.72 0.00	59.43 2.57 0.00	58.03 2.55 0.00	58.02 2.55 0.00	58.10 2.44 0.00	56.65 2.47 0.00	58.78 2.42 0.00	57.73 1.97 0.00	70.49 1.86 0.00	73.85 1.83 0.00	75.52 1.59 0.00	63.00 1.82 0.00	85.30 3.07 0.00	88.94 3.92 0.00	71.19 3.61 -0.73	105.88 5.58 -16.37	612.74 32.23 -88.74	42.49 1.27 -21.24	39.28 2.76 -1.51	70.86 3.13 -26.78	45.53 3.71 6.02	56.03 3.16 0.00	58.58 2.51 0.00
SOUTH HAMPTN___IC 23720	77.12 3.23 3.66	65.92 3.66 0.00	63.13 4.57 -1.71	59.96 4.48 0.00	59.75 4.27 0.00	59.95 4.29 0.00	58.50 4.31 0.00	61.49 5.14 0.00	60.91 5.15 0.00	75.26 6.63 0.00	81.33 7.62 -1.69	79.92 8.03 2.04	87.65 8.15 -18.31	109.45 11.11 -16.11	180.20 12.46 -82.72	214.53 9.25 -138.43	580.54 10.45 -486.16	3120.51 62.08 -2566.65	242.78 2.40 -220.41	160.62 4.65 -120.96	107.81 5.75 -61.12	70.49 5.87 -16.78	57.11 4.62 0.37	60.89 3.98 -0.84
SOUTHDOW_115KV_TB1 355954	83.41 5.87 0.00	65.92 3.66 0.00	58.32 1.47 0.00	56.60 1.12 0.00	56.47 0.99 0.00	57.01 1.35 0.00	55.53 1.34 0.00	58.16 1.81 0.00	58.19 2.43 0.00	73.06 4.43 0.00	76.66 4.64 0.00	79.82 5.89 0.00	65.67 4.48 0.00	88.83 6.60 0.00	91.39 6.37 0.00	70.81 3.96 0.00	87.96 4.03 0.00	547.45 23.56 -32.11	22.95 0.84 -2.14	36.85 1.85 0.00	43.60 2.29 -0.37	50.49 2.65 -0.01	56.58 3.71 0.00	57.75 1.67 0.00
SOUTHOLD_69_KV_BK 2 55809	77.49 3.60 3.66	66.92 4.66 0.00	64.22 5.65 -1.71	61.19 5.71 0.00	61.13 5.65 0.00	61.42 5.76 0.00	60.05 5.86 0.00	63.21 6.86 0.00	61.71 5.95 0.00	76.25 7.62 0.00	82.36 8.64 -1.70	80.99 9.10 2.04	88.57 8.99 -18.39	110.15 11.73 -16.19	181.04 12.92 -83.10	215.40 9.74 -138.82	581.79 11.66 -486.20	3127.15 68.70 -2566.66	243.14 2.59 -220.58	161.01 4.78 -121.23	108.44 6.30 -61.20	71.13 6.47 -16.82	57.39 4.90 0.37	61.22 4.30 -0.84
SOUTHOLD___IC 23719	77.51 3.63 3.66	66.92 4.66 0.00	64.23 5.66 -1.71	61.20 5.72 0.00	61.13 5.65 0.00	61.43 5.76 0.00	60.04 5.86 0.00	63.21 6.85 0.00	61.71 5.95 0.00	76.25 7.62 0.00	82.35 8.64 -1.70	80.99 9.09 2.04	88.55 8.97 -18.39	109.99 11.57 -16.19	180.96 12.84 -83.10	215.33 9.67 -138.82	581.49 11.37 -486.20	3126.92 68.47 -2566.66	243.13 2.58 -220.58	161.02 4.79 -121.23	108.45 6.31 -61.20	71.13 6.47 -16.82	57.40 4.91 0.37	61.22 4.30 -0.84
SOUTH_FORK_WT_PWR 323839	76.29 2.40 3.66	66.51 4.25 0.00	64.11 5.54 -1.71	61.24 5.76 0.00	61.30 5.82 0.00	61.67 6.00 0.00	60.34 6.15 0.00	63.53 7.18 0.00	62.55 6.79 0.00	77.42 8.79 0.00	83.45 9.74 -1.69	82.01 10.11 2.04	89.21 9.68 -18.35	110.81 12.44 -16.14	181.58 13.66 -82.89	215.72 10.26 -138.61	582.40 12.29 -486.18	3132.51 74.08 -2566.65	243.24 2.78 -220.49	161.15 5.06 -121.09	108.44 6.34 -61.15	70.71 6.07 -16.80	56.73 4.24 0.37	60.28 3.36 -0.84
SPIERFLS_115KV_TB 1 80737	82.15 4.61 0.00	65.79 3.53 0.00	60.07 3.20 0.00	58.50 3.02 0.00	58.47 2.99 0.00	58.86 3.19 0.00	57.53 3.34 0.00	59.65 3.29 0.00	58.79 3.03 0.00	72.20 3.57 0.00	76.00 3.98 0.00	77.14 3.20 0.00	64.21 3.03 0.00	87.57 5.34 0.00	91.42 6.40 0.00	72.17 5.27 -0.05	91.90 7.12 -0.84	602.19 43.44 -66.97	50.08 1.76 -28.35	38.03 3.03 0.00	114.01 3.93 -69.13	98.33 4.44 -46.05	56.75 3.88 0.00	59.19 3.11 0.00
ST LAWRENCE____ 23600	76.97 -0.57 0.00	61.89 -0.37 0.00	56.58 -0.28 0.00	55.26 -0.22 0.00	55.33 -0.15 0.00	55.48 -0.18 0.00	53.86 -0.33 0.00	55.94 -0.42 0.00	55.39 -0.37 0.00	68.02 -0.61 0.00	71.03 -0.99 0.00	72.82 -1.12 0.00	59.52 -1.66 0.00	79.19 -3.04 0.00	81.39 -3.63 0.00	47.99 -3.02 15.84	80.31 -3.62 0.00	472.71 -19.07 0.00	19.22 -0.75 0.00	33.65 -1.35 0.00	37.64 -1.59 1.72	46.11 -1.73 0.00	51.76 -1.11 0.00	55.82 -0.26 0.00

STATE_CA_115KV_115_LB 55624	78.62 1.08 0.00	63.22 0.96 0.00	57.97 1.11 0.00	56.68 1.21 0.00	56.70 1.22 0.00	56.73 1.06 0.00	55.36 1.17 0.00	57.60 1.24 0.00	56.88 1.12 0.00	69.98 1.36 0.00	73.75 1.73 0.00	75.47 1.54 0.00	63.02 1.84 0.00	85.13 2.90 0.00	88.51 3.49 0.00	70.00 3.13 -0.02	88.73 3.90 -0.91	530.69 24.09 -14.82	40.70 0.90 -19.82	36.45 1.44 0.00	89.27 1.62 -46.71	77.81 1.84 -28.13	54.26 1.39 0.00	56.94 0.86 0.00
STATE_ST_34_KV_LOAD 55959	78.79 1.25 0.00	63.16 0.89 0.00	57.24 0.38 0.00	55.79 0.31 0.00	55.51 0.04 0.00	55.96 0.29 0.00	54.62 0.43 0.00	56.80 0.44 0.00	56.18 0.42 0.00	69.12 0.49 0.00	72.57 0.56 0.00	74.73 0.80 0.00	62.23 1.05 0.00	84.03 1.80 0.00	86.86 1.84 0.00	68.13 1.28 0.00	85.59 1.66 0.00	522.87 8.89 -22.21	21.86 0.41 -1.48	36.00 1.00 0.00	42.78 1.20 -0.63	49.11 1.26 0.00	53.95 1.08 0.00	56.76 0.69 0.00
STATION_5_MISC_HYD 23604	80.16 2.61 0.00	63.62 1.36 0.00	56.94 0.08 0.00	55.27 -0.20 0.00	55.18 -0.30 0.00	55.53 -0.14 0.00	54.00 -0.19 0.00	56.33 -0.02 0.00	56.26 0.51 0.00	70.02 1.39 0.00	73.45 1.44 0.00	76.14 2.21 0.00	63.52 2.34 0.00	85.76 3.54 0.00	88.46 3.44 0.00	68.81 1.97 0.00	85.72 1.79 0.00	517.46 8.86 -16.82	20.69 0.25 -0.47	35.66 0.66 0.00	41.74 0.80 0.00	49.03 1.20 0.00	54.33 1.46 0.00	56.67 0.59 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	79.54 2.00 0.00	63.27 1.00 0.00	56.82 -0.04 0.00	55.22 -0.26 0.00	55.12 -0.36 0.00	55.48 -0.19 0.00	54.03 -0.15 0.00	56.37 0.01 0.00	56.08 0.32 0.00	69.63 1.01 0.00	73.03 1.02 0.00	75.57 1.63 0.00	63.03 1.85 0.00	85.23 3.00 0.00	88.03 3.01 0.00	68.72 1.88 0.00	85.77 1.84 0.00	522.17 9.11 -21.28	21.75 0.37 -1.41	35.87 0.87 0.00	42.21 1.02 -0.24	49.08 1.23 0.00	54.18 1.31 0.00	56.55 0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	79.65 2.10 0.00	63.22 0.95 0.00	56.60 -0.26 0.00	54.95 -0.52 0.00	54.86 -0.62 0.00	55.21 -0.45 0.00	53.70 -0.49 0.00	56.03 -0.33 0.00	55.96 0.20 0.00	69.62 0.99 0.00	73.05 1.03 0.00	75.71 1.77 0.00	63.16 1.98 0.00	85.29 3.05 0.00	88.00 2.98 0.00	68.50 1.65 0.00	85.27 1.34 0.00	514.97 6.54 -16.66	20.62 0.19 -0.46	35.51 0.51 0.00	41.55 0.60 0.00	48.76 0.92 0.00	53.99 1.12 0.00	56.34 0.26 0.00
STA_56___34_KV_BUS2 355983	79.65 2.10 0.00	63.22 0.95 0.00	56.60 -0.26 0.00	54.95 -0.52 0.00	54.86 -0.62 0.00	55.21 -0.45 0.00	53.70 -0.49 0.00	56.03 -0.33 0.00	55.96 0.20 0.00	69.62 0.99 0.00	73.05 1.03 0.00	75.71 1.77 0.00	63.16 1.98 0.00	85.29 3.05 0.00	88.00 2.98 0.00	68.50 1.65 0.00	85.27 1.34 0.00	514.97 6.54 -16.66	20.62 0.19 -0.46	35.51 0.51 0.00	41.55 0.60 0.00	48.76 0.92 0.00	53.99 1.12 0.00	56.34 0.26 0.00
STA_67___115KV_BK2 355882	79.93 2.38 0.00	63.44 1.18 0.00	56.78 -0.08 0.00	55.12 -0.36 0.00	55.03 -0.45 0.00	55.37 -0.30 0.00	53.84 -0.35 0.00	56.16 -0.20 0.00	56.09 0.33 0.00	69.78 1.15 0.00	73.16 1.14 0.00	75.82 1.88 0.00	63.26 2.07 0.00	85.36 3.13 0.00	88.04 3.02 0.00	68.47 1.63 0.00	85.25 1.32 0.00	514.89 6.30 -16.81	20.60 0.16 -0.47	35.49 0.49 0.00	41.56 0.61 0.00	48.82 0.98 0.00	54.13 1.26 0.00	56.46 0.38 0.00
STA_7___115KV_9TRANS 80674	80.73 3.19 0.00	64.06 1.79 0.00	57.31 0.45 0.00	55.62 0.15 0.00	55.53 0.05 0.00	55.89 0.23 0.00	54.37 0.18 0.00	56.72 0.37 0.00	56.68 0.92 0.00	70.59 1.96 0.00	74.08 2.07 0.00	76.85 2.91 0.00	64.16 2.97 0.00	86.64 4.41 0.00	89.40 4.38 0.00	69.51 2.67 0.00	86.53 2.60 0.00	522.76 14.15 -16.82	20.89 0.45 -0.47	36.03 1.03 0.00	42.17 1.22 0.00	49.52 1.68 0.00	54.84 1.97 0.00	57.15 1.07 0.00
STA_82___115KV_TB1 80780	79.96 2.42 0.00	63.45 1.19 0.00	56.78 -0.08 0.00	55.12 -0.36 0.00	55.03 -0.45 0.00	55.38 -0.28 0.00	53.85 -0.34 0.00	56.17 -0.19 0.00	56.09 0.33 0.00	69.78 1.15 0.00	73.15 1.13 0.00	75.82 1.88 0.00	63.25 2.06 0.00	85.35 3.12 0.00	88.04 3.02 0.00	68.49 1.64 0.00	85.26 1.33 0.00	514.99 6.30 -16.91	20.61 0.17 -0.47	35.50 0.50 0.00	41.57 0.62 0.00	48.84 0.99 0.00	54.13 1.26 0.00	56.46 0.39 0.00
STEEL___WIND 323596	81.11 3.57 0.00	64.13 1.86 0.00	56.78 -0.08 0.00	55.04 -0.45 0.00	54.90 -0.58 0.00	55.31 -0.36 0.00	53.67 -0.52 0.00	55.87 -0.48 0.00	55.97 0.21 0.00	70.07 1.44 0.00	73.39 1.37 0.00	76.28 2.34 0.00	63.63 2.44 0.00	85.91 3.69 0.00	88.29 3.27 0.00	68.19 1.34 0.00	84.80 0.87 0.00	526.17 4.86 -29.53	21.98 0.04 -1.97	35.35 0.35 0.00	41.74 0.45 -0.34	48.67 0.82 -0.01	54.15 1.28 0.00	56.08 0.00 0.00
STEPHTWN_115KV_BK_2 55603	78.83 1.28 0.00	63.31 1.05 0.00	58.06 1.20 0.00	56.78 1.30 0.00	56.79 1.31 0.00	56.79 1.12 0.00	55.46 1.27 0.00	57.65 1.30 0.00	56.93 1.18 0.00	70.03 1.41 0.00	73.79 1.77 0.00	75.50 1.57 0.00	63.04 1.86 0.00	85.23 3.00 0.00	88.69 3.67 0.00	69.92 3.30 0.23	89.08 4.22 -0.93	511.27 25.92 6.44	37.30 0.97 -16.36	36.58 1.58 0.00	80.27 1.79 -37.54	32.31 2.05 17.57	54.43 1.56 0.00	57.12 1.05 0.00
STEUBEN_REC_LFGE 323667	81.64 4.09 0.00	64.82 2.56 0.00	57.76 0.90 0.00	56.24 0.76 0.00	56.11 0.63 0.00	56.56 0.89 0.00	55.10 0.91 0.00	57.35 1.00 0.00	56.54 0.78 0.00	70.29 1.67 0.00	73.55 1.53 0.00	76.19 2.25 0.00	63.50 2.32 0.00	86.00 3.78 0.00	88.80 3.78 0.00	69.47 2.62 0.00	86.57 2.64 0.00	544.56 12.76 -40.02	23.27 0.65 -2.65	36.62 1.62 0.00	45.28 2.24 -2.09	51.35 2.50 -1.01	55.78 2.91 0.00	57.58 1.50 0.00
STILLWATER___SOLAR 323814	81.60 4.06 0.00	65.46 3.19 0.00	59.83 2.97 0.00	58.31 2.83 0.00	58.32 2.84 0.00	58.60 2.93 0.00	57.28 3.09 0.00	59.44 3.09 0.00	58.57 2.81 0.00	71.85 3.22 0.00	75.64 3.62 0.00	77.22 3.28 0.00	64.25 3.07 0.00	87.27 5.03 0.00	90.86 5.84 0.00	71.73 4.82 -0.06	91.35 6.55 -0.87	590.85 39.88 -59.19	48.83 1.59 -27.26	37.74 2.74 0.00	110.72 3.39 -66.39	97.82 3.85 -46.12	56.32 3.45 0.00	58.92 2.84 0.00
STONY___BROOK 24151	77.07 3.07 3.54	65.42 3.16 0.00	62.61 4.05 -1.71	59.34 3.86 0.00	59.05 3.57 0.00	59.19 3.53 0.00	57.65 3.46 0.00	60.49 4.13 0.00	60.02 4.26 0.00	73.94 5.31 0.00	79.47 5.99 -1.47	78.27 6.31 1.98	109.75 6.69 -41.87	129.32 8.98 -38.10	278.17 10.21 -182.94	318.85 7.41 -244.59	586.96 8.20 -494.83	3110.26 49.17 -2569.31	289.22 2.03 -267.22	233.12 3.88 -194.23	125.92 4.79 -80.18	76.82 5.04 -23.94	56.57 4.11 0.40	60.48 3.69 -0.71
STURGEON_POOL_HYD 23609	80.11 2.57 0.00	64.37 2.10 0.00	59.12 2.27 0.00	57.78 2.31 0.00	57.60 2.13 0.00	57.81 2.14 0.00	56.58 2.39 0.00	59.18 2.82 0.00	58.71 2.95 0.00	72.41 3.78 0.00	76.69 4.68 0.00	78.85 4.92 0.00	66.31 5.13 0.00	89.80 7.57 0.00	93.34 8.32 0.00	76.98 6.88 -3.25	151.26 8.02 -59.31	928.11 45.68 -390.65	62.55 1.81 -40.76	43.78 2.99 -5.78	55.89 3.45 -11.50	54.39 3.85 -2.71	56.24 3.37 0.00	58.76 2.68 0.00

ST_LAW_115_BK7_LBMP 345037	76.96 -0.58 0.00	61.90 -0.37 0.00	56.60 -0.26 0.00	55.27 -0.21 0.00	55.35 -0.13 0.00	55.51 -0.15 0.00	53.86 -0.33 0.00	55.91 -0.44 0.00	55.37 -0.38 0.00	67.96 -0.67 0.00	70.95 -1.07 0.00	72.70 -1.23 0.00	59.39 -1.80 0.00	78.89 -3.34 0.00	81.04 -3.98 0.00	47.84 -3.31 15.70	79.97 -3.96 0.00	470.98 -20.80 0.00	19.15 -0.83 0.00	33.52 -1.48 0.00	37.23 -1.74 1.98	45.97 -1.87 0.00	51.68 -1.19 0.00	55.82 -0.25 0.00
ST_LAW_115_BK8_LBMP 345038	76.96 -0.58 0.00	61.90 -0.37 0.00	56.60 -0.26 0.00	55.27 -0.21 0.00	55.35 -0.13 0.00	55.51 -0.15 0.00	53.86 -0.33 0.00	55.91 -0.44 0.00	55.37 -0.38 0.00	67.96 -0.67 0.00	70.95 -1.07 0.00	72.70 -1.23 0.00	59.39 -1.80 0.00	78.89 -3.34 0.00	81.04 -3.98 0.00	47.84 -3.31 15.70	79.97 -3.96 0.00	470.98 -20.80 0.00	19.15 -0.83 0.00	33.52 -1.48 0.00	37.23 -1.74 1.98	45.97 -1.87 0.00	51.68 -1.19 0.00	55.82 -0.25 0.00
ST_LAW_230_BK5_LBMP 345035	76.97 -0.57 0.00	61.89 -0.37 0.00	56.58 -0.28 0.00	55.26 -0.22 0.00	55.33 -0.15 0.00	55.48 -0.18 0.00	53.86 -0.33 0.00	55.94 -0.42 0.00	55.39 -0.37 0.00	68.02 -0.61 0.00	71.03 -0.99 0.00	72.82 -1.12 0.00	59.52 -1.66 0.00	79.19 -3.04 0.00	81.39 -3.63 0.00	47.80 -3.02 16.03	80.31 -3.62 0.00	472.71 -19.07 0.00	19.22 -0.75 0.00	33.65 -1.35 0.00	37.85 -1.59 1.51	46.11 -1.73 0.00	51.76 -1.11 0.00	55.82 -0.26 0.00
ST_LAW_230_BK6_LBMP 345036	76.97 -0.57 0.00	61.89 -0.37 0.00	56.58 -0.28 0.00	55.26 -0.22 0.00	55.33 -0.15 0.00	55.48 -0.18 0.00	53.86 -0.33 0.00	55.94 -0.42 0.00	55.39 -0.37 0.00	68.02 -0.61 0.00	71.03 -0.99 0.00	72.82 -1.12 0.00	59.52 -1.66 0.00	79.19 -3.04 0.00	81.39 -3.63 0.00	47.80 -3.02 16.03	80.31 -3.62 0.00	472.71 -19.07 0.00	19.22 -0.75 0.00	33.65 -1.35 0.00	37.85 -1.59 1.51	46.11 -1.73 0.00	51.76 -1.11 0.00	55.82 -0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	79.79 2.24 0.00	64.03 1.76 0.00	58.79 1.93 0.00	57.48 2.00 0.00	57.29 1.81 0.00	57.47 1.80 0.00	56.18 1.99 0.00	58.76 2.41 0.00	58.32 2.56 0.00	71.97 3.34 0.00	76.25 4.23 0.00	78.46 4.52 0.00	66.03 4.85 0.00	89.37 7.15 0.00	92.87 7.85 0.00	75.65 6.48 -2.32	127.46 7.34 -36.19	1411.61 42.85 -876.99	70.90 1.68 -49.24	42.86 2.77 -5.09	50.97 3.25 -6.77	56.58 3.55 -5.19	55.95 3.08 0.00	58.51 2.44 0.00
SWANROAD_115KV_TB1 355699	79.45 1.91 0.00	62.76 0.50 0.00	55.49 -1.37 0.00	53.75 -1.73 0.00	53.65 -1.83 0.00	54.07 -1.60 0.00	52.28 -1.91 0.00	54.00 -2.35 0.00	54.10 -1.66 0.00	67.70 -0.92 0.00	70.74 -1.28 0.00	73.45 -0.48 0.00	61.23 0.05 0.00	82.38 0.15 0.00	84.46 -0.56 0.00	65.10 -1.75 0.00	80.83 -3.10 0.00	499.91 -18.70 -26.83	20.85 -0.91 -1.78	33.61 -1.39 0.00	39.69 -1.56 -0.31	46.66 -1.19 -0.01	52.29 -0.58 0.00	54.57 -1.51 0.00
SYNERGY___BIOGAS 323694	81.14 3.60 0.00	64.09 1.82 0.00	56.85 -0.01 0.00	55.08 -0.40 0.00	54.98 -0.50 0.00	55.39 -0.27 0.00	53.77 -0.42 0.00	55.90 -0.45 0.00	55.80 0.04 0.00	69.46 0.83 0.00	72.58 0.56 0.00	75.47 1.53 0.00	63.23 2.04 0.00	84.93 2.70 0.00	87.81 2.79 0.00	67.98 1.14 0.00	84.70 0.77 0.00	519.33 3.02 -24.53	21.70 0.10 -1.63	35.46 0.46 0.00	41.89 0.67 -0.28	49.01 1.17 0.00	54.43 1.55 0.00	56.75 0.68 0.00
SYRACUSE___ENERGY_ST1 323597	77.31 -0.24 0.00	61.90 -0.37 0.00	56.18 -0.68 0.00	54.76 -0.72 0.00	54.68 -0.80 0.00	54.96 -0.71 0.00	53.60 -0.59 0.00	55.81 -0.54 0.00	55.23 -0.53 0.00	68.12 -0.51 0.00	71.45 -0.57 0.00	73.62 -0.31 0.00	61.21 0.03 0.00	82.65 0.42 0.00	85.59 0.57 0.00	67.27 0.42 0.00	84.48 0.55 0.00	506.63 0.98 -13.87	20.44 0.09 -0.38	35.32 0.32 0.00	41.75 0.35 -0.46	48.15 0.31 0.00	52.94 0.07 0.00	55.72 -0.35 0.00
SYRACUSE___ENERGY_ST2 323598	77.31 -0.24 0.00	61.90 -0.37 0.00	56.18 -0.68 0.00	54.76 -0.72 0.00	54.68 -0.80 0.00	54.96 -0.71 0.00	53.60 -0.59 0.00	55.81 -0.54 0.00	55.23 -0.53 0.00	68.12 -0.51 0.00	71.45 -0.57 0.00	73.62 -0.31 0.00	61.21 0.03 0.00	82.65 0.42 0.00	85.59 0.57 0.00	67.27 0.42 0.00	84.48 0.55 0.00	506.63 0.98 -13.87	20.44 0.09 -0.38	35.32 0.32 0.00	41.75 0.35 -0.46	48.15 0.31 0.00	52.94 0.07 0.00	55.72 -0.35 0.00
SYRACUSE___POWER 24017	77.70 0.16 0.00	62.18 -0.09 0.00	56.44 -0.42 0.00	55.00 -0.47 0.00	54.93 -0.55 0.00	55.19 -0.47 0.00	53.82 -0.37 0.00	56.05 -0.31 0.00	55.47 -0.29 0.00	68.51 -0.12 0.00	71.88 -0.14 0.00	74.08 0.14 0.00	61.66 0.48 0.00	83.31 1.08 0.00	86.23 1.22 0.00	67.77 0.92 0.00	85.06 1.12 0.00	510.93 4.67 -14.48	20.59 0.22 -0.40	35.54 0.54 0.00	42.03 0.60 -0.48	48.44 0.59 0.00	53.24 0.37 0.00	55.98 -0.10 0.00
TALLMAN_138KV_BK151 55660	79.92 2.38 0.00	64.13 1.86 0.00	58.90 2.04 0.00	57.62 2.14 0.00	57.40 1.92 0.00	57.58 1.91 0.00	56.33 2.14 0.00	58.99 2.63 0.00	58.60 2.84 0.00	72.35 3.72 0.00	76.77 4.75 0.00	79.07 5.13 0.00	66.69 5.50 0.00	90.25 8.02 0.00	93.83 8.81 0.00	75.39 7.24 -1.31	91.87 7.99 0.05	1284.31 47.08 -745.46	64.38 1.85 -42.55	42.18 3.03 -4.14	51.03 3.57 -6.51	57.16 3.89 -5.43	56.26 3.39 0.00	58.80 2.72 0.00
TEALLAVE_115KV_TB7 355573	77.31 -0.24 0.00	61.85 -0.42 0.00	56.15 -0.71 0.00	54.70 -0.78 0.00	54.65 -0.83 0.00	54.89 -0.78 0.00	53.52 -0.67 0.00	55.76 -0.59 0.00	55.21 -0.55 0.00	68.22 -0.41 0.00	71.57 -0.45 0.00	73.77 -0.16 0.00	61.38 0.20 0.00	82.92 0.69 0.00	85.80 0.78 0.00	67.40 0.56 0.00	84.55 0.63 0.00	493.30 1.52 0.00	20.06 0.09 0.00	35.29 0.28 0.00	41.80 0.30 -0.55	48.14 0.30 0.00	52.90 0.03 0.00	55.65 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	80.52 2.97 0.00	63.63 1.36 0.00	56.34 -0.52 0.00	54.58 -0.89 0.00	54.49 -0.98 0.00	54.91 -0.76 0.00	53.18 -1.01 0.00	55.18 -1.18 0.00	55.22 -0.54 0.00	68.96 0.33 0.00	72.07 0.05 0.00	74.87 0.93 0.00	62.52 1.34 0.00	84.15 1.92 0.00	86.60 1.58 0.00	66.91 0.06 0.00	83.16 -0.77 0.00	512.09 -5.25 -25.57	21.33 -0.34 -1.70	34.67 -0.33 0.00	40.95 -0.29 -0.01	47.98 0.14 0.00	53.56 0.69 0.00	55.77 -0.31 0.00
TEMPLE___115KV_TB 2 55572	77.36 -0.19 0.00	61.89 -0.38 0.00	56.18 -0.68 0.00	54.75 -0.73 0.00	54.68 -0.80 0.00	54.94 -0.73 0.00	53.55 -0.63 0.00	55.80 -0.55 0.00	55.25 -0.51 0.00	68.29 -0.34 0.00	71.64 -0.38 0.00	73.85 -0.08 0.00	61.46 0.27 0.00	83.03 0.80 0.00	85.91 0.89 0.00	67.49 0.64 0.00	84.70 0.78 0.00	493.86 2.09 0.00	20.08 0.11 0.00	35.32 0.32 0.00	41.82 0.34 -0.54	48.15 0.31 0.00	52.94 0.07 0.00	55.66 -0.41 0.00
TIANA____69_KV_BK 1 55817	77.08 3.20 3.66	65.75 3.49 0.00	62.92 4.35 -1.71	59.70 4.22 0.00	59.47 3.99 0.00	59.64 3.98 0.00	58.17 3.99 0.00	61.13 4.77 0.00	60.57 4.81 0.00	74.79 6.16 0.00	80.88 7.16 -1.69	79.45 7.55 2.04	87.36 7.80 -18.38	109.25 10.85 -16.17	180.16 12.12 -83.03	214.56 8.96 -138.75	580.44 10.33 -486.19	3118.20 59.76 -2566.66	242.85 2.32 -220.55	160.72 4.53 -121.18	107.74 5.61 -61.18	70.39 5.74 -16.81	57.06 4.56 0.37	60.89 3.97 -0.84

TILDEN___115KV_TB1 80814	77.70 0.16 0.00	62.18 -0.09 0.00	56.44 -0.42 0.00	55.00 -0.47 0.00	54.93 -0.55 0.00	55.19 -0.47 0.00	53.82 -0.37 0.00	56.05 -0.31 0.00	55.47 -0.29 0.00	68.51 -0.12 0.00	71.88 -0.14 0.00	74.08 0.14 0.00	61.66 0.48 0.00	83.31 1.08 0.00	86.23 1.22 0.00	67.77 0.92 0.00	85.06 1.12 0.00	510.93 4.67 -14.48	20.59 0.22 -0.40	35.54 0.54 0.00	42.03 0.60 -0.48	48.44 0.59 0.00	53.24 0.37 0.00	55.98 -0.10 0.00
TRIGEN___CC 323695	96.63 3.14 -15.94	65.01 2.73 -0.01	61.84 3.27 -1.71	58.70 3.22 0.00	58.47 2.99 0.00	58.63 2.97 0.00	57.17 2.99 0.00	59.88 3.53 0.00	59.38 3.62 0.00	73.26 4.64 0.00	79.43 5.69 -1.72	88.96 5.97 -9.06	69.05 6.40 -1.46	92.06 9.07 -0.77	117.83 10.04 -22.77	180.72 7.92 -105.94	631.99 9.35 -538.71	3202.37 52.50 -2658.09	249.32 2.14 -227.21	128.81 3.64 -90.17	82.17 4.32 -36.91	76.96 4.58 -24.54	60.60 3.84 -3.90	61.42 3.40 -1.94
TRINITY___115KV___4 BK 55933	78.16 0.62 0.00	62.87 0.60 0.00	57.68 0.82 0.00	56.41 0.93 0.00	56.45 0.97 0.00	56.45 0.79 0.00	55.09 0.90 0.00	57.29 0.93 0.00	56.56 0.80 0.00	69.55 0.92 0.00	73.26 1.24 0.00	74.94 1.00 0.00	62.54 1.36 0.00	84.49 2.26 0.00	87.80 2.78 0.00	69.39 2.60 0.05	88.00 3.15 -0.92	508.58 19.93 3.13	37.59 0.73 -16.88	36.16 1.16 0.00	81.17 1.29 -38.93	62.07 1.49 -12.74	53.87 1.00 0.00	56.57 0.49 0.00
UNION___PROCESSING_DRP 323587	79.99 2.44 0.00	63.47 1.20 0.00	56.79 -0.07 0.00	55.13 -0.34 0.00	55.05 -0.43 0.00	55.39 -0.27 0.00	53.86 -0.33 0.00	56.18 -0.18 0.00	56.10 0.34 0.00	69.79 1.15 0.00	73.19 1.17 0.00	75.82 1.89 0.00	63.26 2.07 0.00	85.39 3.16 0.00	88.07 3.05 0.00	68.50 1.66 0.00	85.27 1.34 0.00	515.20 6.49 -16.93	20.61 0.17 -0.47	35.51 0.50 0.00	41.59 0.65 0.00	48.85 1.01 0.00	54.15 1.28 0.00	56.48 0.40 0.00
UPPER HUDSON___HYD 24058	82.15 4.60 0.00	65.79 3.53 0.00	60.06 3.20 0.00	58.50 3.02 0.00	58.47 2.99 0.00	58.86 3.19 0.00	57.53 3.34 0.00	59.65 3.29 0.00	58.79 3.03 0.00	72.20 3.57 0.00	75.99 3.98 0.00	77.14 3.20 0.00	64.22 3.04 0.00	87.57 5.34 0.00	91.42 6.40 0.00	72.17 5.27 -0.05	91.90 7.12 -0.84	602.19 43.44 -66.97	50.08 1.76 -28.35	38.03 3.03 0.00	114.01 3.93 -69.13	98.33 4.44 -46.05	56.75 3.88 0.00	59.19 3.11 0.00
UPPER RAQUET___HYD 24056	78.43 0.89 0.00	62.89 0.62 0.00	57.47 0.61 0.00	56.13 0.66 0.00	56.21 0.73 0.00	56.41 0.74 0.00	54.60 0.41 0.00	56.51 0.15 0.00	55.58 -0.18 0.00	67.91 -0.72 0.00	70.66 -1.36 0.00	72.06 -1.88 0.00	58.49 -2.70 0.00	76.65 -5.57 0.00	78.40 -6.62 0.00	49.21 -5.14 12.50	78.10 -5.82 0.00	460.54 -31.24 0.00	18.85 -1.12 0.00	33.14 -1.86 0.00	32.27 -2.07 6.61	46.01 -1.83 0.00	52.26 -0.62 0.00	56.83 0.76 0.00
VALLEY44_115KV_TB2 355964	79.73 2.18 0.00	63.18 0.92 0.00	56.19 -0.68 0.00	54.67 -0.81 0.00	54.53 -0.95 0.00	54.91 -0.76 0.00	53.47 -0.72 0.00	55.96 -0.39 0.00	55.89 0.13 0.00	69.91 1.28 0.00	73.06 1.04 0.00	75.95 2.02 0.00	63.11 1.92 0.00	85.36 3.13 0.00	87.88 2.86 0.00	68.08 1.24 0.00	84.64 0.71 0.00	529.12 4.17 -33.17	22.26 0.08 -2.21	35.56 0.55 0.00	42.18 0.85 -0.38	48.97 1.12 -0.01	54.38 1.51 0.00	56.11 0.04 0.00
VALLEY___115KV_TB 1-4 80826	79.21 1.67 0.00	63.56 1.29 0.00	58.11 1.25 0.00	56.77 1.29 0.00	56.70 1.22 0.00	56.97 1.30 0.00	55.59 1.40 0.00	57.50 1.15 0.00	56.38 0.62 0.00	69.15 0.52 0.00	72.81 0.79 0.00	74.61 0.67 0.00	62.27 1.08 0.00	84.32 2.09 0.00	87.78 2.75 0.00	70.13 2.38 -0.91	87.65 3.72 0.00	513.93 22.16 0.00	20.97 0.99 0.00	36.67 1.66 0.00	43.42 2.09 -0.39	50.29 2.45 0.00	54.71 1.84 0.00	57.34 1.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	80.74 3.19 0.00	64.88 2.62 0.00	59.15 2.30 0.00	57.78 2.30 0.00	57.66 2.18 0.00	57.90 2.24 0.00	56.53 2.34 0.00	58.82 2.47 0.00	58.24 2.48 0.00	71.88 3.26 0.00	75.77 3.76 0.00	77.98 4.04 0.00	65.06 3.87 0.00	87.81 5.58 0.00	91.02 6.00 0.00	71.82 4.75 -0.23	94.11 6.01 -4.17	643.08 34.53 -116.77	31.61 1.39 -10.25	37.81 2.40 -0.41	53.74 2.76 -10.03	56.16 3.10 -5.22	55.86 2.99 0.00	58.57 2.50 0.00
VISCHER___FERRY HYD 24020	80.17 2.63 0.00	64.43 2.16 0.00	59.00 2.14 0.00	57.51 2.04 0.00	57.54 2.06 0.00	57.74 2.08 0.00	56.42 2.23 0.00	58.61 2.25 0.00	57.84 2.08 0.00	71.02 2.40 0.00	74.80 2.78 0.00	76.40 2.46 0.00	63.60 2.41 0.00	86.23 4.00 0.00	89.65 4.63 0.00	71.17 3.99 -0.33	94.28 5.02 -5.32	582.18 31.00 -59.41	47.09 1.21 -25.91	37.46 2.03 -0.43	100.33 2.44 -56.94	96.78 2.84 -46.11	55.26 2.39 0.00	57.88 1.80 0.00
V_A_10_SYNC_DSASP 323832	79.44 1.89 0.00	62.91 0.64 0.00	55.95 -0.91 0.00	54.28 -1.20 0.00	54.16 -1.32 0.00	54.52 -1.15 0.00	52.89 -1.29 0.00	55.11 -1.25 0.00	55.17 -0.59 0.00	68.86 0.24 0.00	72.03 0.01 0.00	74.71 0.78 0.00	62.28 1.09 0.00	83.93 1.71 0.00	86.19 1.17 0.00	66.67 -0.18 0.00	82.60 -1.33 0.00	506.09 -9.57 -23.89	21.02 -0.54 -1.58	34.30 -0.71 0.00	40.59 -0.63 -0.27	47.62 -0.23 0.00	53.12 0.24 0.00	55.31 -0.77 0.00
V_CMM_10_SYNC_DSASP 323787	77.12 -0.43 0.00	62.21 -0.05 0.00	56.90 0.04 0.00	55.56 0.08 0.00	55.64 0.16 0.00	55.80 0.14 0.00	54.14 -0.05 0.00	56.22 -0.13 0.00	55.67 -0.09 0.00	68.35 -0.28 0.00	71.32 -0.70 0.00	73.12 -0.82 0.00	59.72 -1.46 0.00	79.35 -2.88 0.00	81.50 -3.52 0.00	47.92 -3.23 15.70	80.05 -3.87 0.00	471.46 -20.31 0.00	19.17 -0.81 0.00	33.56 -1.45 0.00	37.26 -1.70 1.98	46.02 -1.82 0.00	51.74 -1.13 0.00	56.10 0.03 0.00
V_CMP_10_SYNC_DSASP 323788	77.84 0.30 0.00	62.48 0.21 0.00	57.12 0.26 0.00	55.99 0.51 0.00	56.03 0.55 0.00	56.06 0.39 0.00	54.48 0.29 0.00	56.54 0.18 0.00	55.88 0.12 0.00	68.57 -0.06 0.00	71.66 -0.35 0.00	73.32 -0.62 0.00	59.89 -1.29 0.00	79.97 -2.26 0.00	81.90 -3.13 0.00	48.16 -2.93 15.75	80.48 -3.45 0.00	475.92 -15.86 0.00	19.37 -0.61 0.00	33.92 -1.08 0.00	37.83 -1.21 1.91	46.43 -1.41 0.00	52.00 -0.87 0.00	56.40 0.32 0.00
V_D_10_SYNC_DSASP 323841	77.91 0.37 0.00	62.60 0.34 0.00	57.22 0.36 0.00	55.88 0.40 0.00	55.96 0.48 0.00	56.20 0.53 0.00	54.51 0.32 0.00	56.56 0.21 0.00	55.96 0.20 0.00	68.63 0.00 0.00	71.59 -0.43 0.00	73.23 -0.71 0.00	59.77 -1.42 0.00	78.98 -3.25 0.00	81.04 -3.98 0.00	48.42 -3.24 15.19	80.21 -3.72 0.00	472.38 -19.40 0.00	19.22 -0.75 0.00	33.69 -1.32 0.00	36.68 -1.55 2.72	46.29 -1.56 0.00	52.16 -0.71 0.00	56.48 0.40 0.00
V_E_10_SYNC_DSASP 323830	84.86 7.32 0.00	67.66 5.40 0.00	61.24 4.38 0.00	59.84 4.36 0.00	59.70 4.22 0.00	60.17 4.50 0.00	58.81 4.62 0.00	61.25 4.90 0.00	60.37 4.61 0.00	74.05 5.42 0.00	77.78 5.76 0.00	80.25 6.31 0.00	66.80 5.62 0.00	90.31 8.08 0.00	93.79 8.77 0.00	73.65 6.65 -0.16	95.34 8.56 -2.85	620.02 50.60 -77.64	28.36 2.25 -6.13	39.57 4.29 -0.28	50.61 4.93 -4.73	55.75 5.50 -2.40	58.54 5.67 0.00	61.11 5.04 0.00



V_F_30_NSYNC___DSASP 323816	81.71 4.16 0.00	65.54 3.27 0.00	59.88 3.02 0.00	58.37 2.89 0.00	58.37 2.89 0.00	58.66 2.99 0.00	57.34 3.15 0.00	59.51 3.16 0.00	58.67 2.91 0.00	72.00 3.37 0.00	75.80 3.79 0.00	77.44 3.51 0.00	64.46 3.27 0.00	87.51 5.28 0.00	91.09 6.07 0.00	71.90 4.99 -0.06	91.51 6.72 -0.86	595.23 40.78 -62.67	49.35 1.62 -27.75	37.79 2.78 0.00	112.00 3.44 -67.62	97.84 3.92 -46.09	56.39 3.52 0.00	59.01 2.93 0.00
V_F_30_SYNC_DSASP 323786	78.61 1.06 0.00	63.21 0.95 0.00	57.97 1.11 0.00	56.68 1.21 0.00	56.70 1.22 0.00	56.73 1.06 0.00	55.36 1.17 0.00	57.59 1.23 0.00	56.88 1.12 0.00	69.98 1.35 0.00	73.74 1.72 0.00	75.47 1.53 0.00	63.01 1.82 0.00	85.12 2.89 0.00	88.51 3.49 0.00	69.98 3.12 -0.01	88.73 3.89 -0.91	529.21 24.08 -13.36	40.45 0.90 -19.58	36.44 1.44 0.00	88.62 1.60 -46.08	76.53 1.83 -26.86	54.25 1.38 0.00	56.94 0.86 0.00
V_XM_10_SYNC_DSASP 323789	77.84 0.30 0.00	62.48 0.21 0.00	57.12 0.26 0.00	55.99 0.51 0.00	56.03 0.55 0.00	56.06 0.39 0.00	54.48 0.29 0.00	56.54 0.18 0.00	55.88 0.12 0.00	68.57 -0.06 0.00	71.66 -0.35 0.00	73.32 -0.62 0.00	59.89 -1.29 0.00	79.97 -2.26 0.00	81.90 -3.13 0.00	48.16 -2.93 15.75	80.48 -3.45 0.00	475.92 -15.86 0.00	19.37 -0.61 0.00	33.92 -1.08 0.00	37.83 -1.21 1.91	46.43 -1.41 0.00	52.00 -0.87 0.00	56.40 0.32 0.00
W.BABYLN_69_KV_BK1 56697	81.71 4.17 0.00	66.05 3.78 0.00	63.00 4.43 -1.71	59.72 4.24 0.00	59.44 3.96 0.00	59.57 3.91 0.00	58.05 3.86 0.00	60.91 4.55 0.00	60.43 4.67 0.00	74.51 5.88 0.00	82.81 6.87 -3.93	81.06 7.12 0.00	69.30 7.46 -0.66	92.97 10.52 -0.21	111.53 11.73 -14.79	142.78 8.94 -67.00	584.41 10.45 -490.03	3124.63 60.56 -2572.29	214.94 2.49 -192.47	110.61 4.49 -71.12	90.11 5.43 -43.73	71.57 5.74 -17.99	58.66 4.81 -0.98	62.93 4.42 -2.43
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	80.19 2.65 0.00	64.36 2.09 0.00	59.11 2.25 0.00	57.81 2.34 0.00	57.60 2.13 0.00	57.77 2.11 0.00	56.53 2.34 0.00	59.21 2.86 0.00	58.82 3.06 0.00	72.63 4.00 0.00	77.06 5.04 0.00	79.38 5.44 0.00	66.92 5.74 0.00	90.61 8.39 0.00	94.22 9.20 0.00	74.51 7.54 -0.12	54.33 8.40 38.01	1135.05 49.26 -594.02	55.80 1.93 -33.90	41.08 3.17 -2.90	50.78 3.73 -6.10	57.42 4.07 -5.51	56.45 3.58 0.00	58.97 2.90 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	80.35 2.81 0.00	64.55 2.28 0.00	59.51 2.65 0.00	58.29 2.81 0.00	58.12 2.64 0.00	58.30 2.63 0.00	57.09 2.90 0.00	59.84 3.48 0.00	59.46 3.71 0.00	73.42 4.79 0.00	77.99 5.97 0.00	80.00 6.07 0.00	67.60 6.42 0.00	91.54 9.31 0.00	94.94 9.92 0.00	92.80 8.06 -17.89	584.19 8.89 -491.37	3206.06 51.96 -2662.33	185.38 2.02 -163.39	60.46 3.33 -22.12	58.02 4.03 -13.03	58.03 4.41 -5.78	56.81 3.94 0.00	59.41 3.33 0.00
W50THST__13_KV_LOAD 356117	80.84 3.29 0.00	64.93 2.67 0.00	59.87 3.01 0.00	58.67 3.20 0.00	58.53 3.06 0.00	58.74 3.08 0.00	57.56 3.38 0.00	60.36 4.01 0.00	60.03 4.27 0.00	74.10 5.47 0.00	78.67 6.66 0.00	80.74 6.80 0.00	68.24 7.06 0.00	92.37 10.14 0.00	95.84 10.82 0.00	94.02 8.76 -18.42	584.94 9.64 -491.37	3210.49 56.38 -2662.33	185.53 2.17 -163.39	60.70 3.57 -22.12	58.32 4.34 -13.03	58.42 4.79 -5.78	57.22 4.35 0.00	59.85 3.77 0.00
WADING RIVER_IC_1 23522	76.03 2.15 3.67	64.75 2.48 0.00	61.99 3.42 -1.71	58.77 3.29 0.00	58.49 3.01 0.00	58.65 2.98 0.00	57.16 2.98 0.00	60.02 3.67 0.00	59.46 3.70 0.00	73.29 4.66 0.00	79.14 5.48 -1.65	77.68 5.79 2.04	85.37 6.29 -17.89	106.64 8.72 -15.70	175.78 9.97 -80.79	210.60 7.27 -136.48	577.69 7.78 -485.98	3104.21 45.89 -2566.55	241.27 1.75 -219.55	158.36 3.75 -119.61	106.39 4.73 -60.71	69.21 4.82 -16.55	56.16 3.68 0.39	60.00 3.11 -0.81
WADING RIVER_IC_2 23547	76.03 2.15 3.67	64.75 2.48 0.00	61.99 3.42 -1.71	58.77 3.29 0.00	58.49 3.01 0.00	58.65 2.98 0.00	57.16 2.98 0.00	60.02 3.67 0.00	59.46 3.70 0.00	73.29 4.66 0.00	79.14 5.48 -1.65	77.68 5.79 2.04	85.37 6.29 -17.89	106.64 8.72 -15.70	175.78 9.97 -80.79	210.60 7.27 -136.48	577.69 7.78 -485.98	3104.21 45.89 -2566.55	241.27 1.75 -219.55	158.36 3.75 -119.61	106.39 4.73 -60.71	69.21 4.82 -16.55	56.16 3.68 0.39	60.00 3.11 -0.81
WADING RIVER_IC_3 23601	76.03 2.15 3.67	64.75 2.48 0.00	61.99 3.42 -1.71	58.77 3.29 0.00	58.49 3.01 0.00	58.65 2.98 0.00	57.16 2.98 0.00	60.02 3.67 0.00	59.46 3.70 0.00	73.29 4.66 0.00	79.14 5.48 -1.65	77.68 5.79 2.04	85.37 6.29 -17.89	106.64 8.72 -15.70	175.78 9.97 -80.79	210.60 7.27 -136.48	577.69 7.78 -485.98	3104.21 45.89 -2566.55	241.27 1.75 -219.55	158.36 3.75 -119.61	106.39 4.73 -60.71	69.21 4.82 -16.55	56.16 3.68 0.39	60.00 3.11 -0.81
WALDENNY_12_KV_BK2 80841	81.35 3.81 0.00	64.26 2.00 0.00	56.88 0.02 0.00	55.13 -0.35 0.00	54.99 -0.49 0.00	55.40 -0.27 0.00	53.72 -0.46 0.00	55.92 -0.43 0.00	56.06 0.30 0.00	70.20 1.57 0.00	73.55 1.54 0.00	76.50 2.56 0.00	63.81 2.63 0.00	86.15 3.92 0.00	88.53 3.51 0.00	68.33 1.48 0.00	84.90 0.97 0.00	526.76 5.73 -29.25	22.00 0.08 -1.95	35.39 0.39 0.00	41.79 0.51 -0.34	48.74 0.89 -0.01	54.28 1.41 0.00	56.23 0.16 0.00
WALDEN__HYDRO 24148	80.25 2.71 0.00	64.40 2.14 0.00	59.09 2.23 0.00	57.76 2.29 0.00	57.57 2.09 0.00	57.76 2.10 0.00	56.49 2.30 0.00	59.12 2.77 0.00	58.65 2.89 0.00	72.33 3.71 0.00	76.63 4.61 0.00	78.83 4.90 0.00	66.31 5.12 0.00	89.84 7.60 0.00	93.35 8.33 0.00	77.20 6.92 -3.43	150.54 7.94 -58.67	1200.95 45.61 -663.56	70.92 1.80 -49.15	44.37 3.00 -6.37	52.16 3.53 -7.68	56.89 3.90 -5.15	56.34 3.47 0.00	58.88 2.80 0.00
WARRENSBURG____ 23737	82.15 4.61 0.00	65.79 3.53 0.00	60.07 3.20 0.00	58.50 3.02 0.00	58.47 2.99 0.00	58.86 3.19 0.00	57.53 3.34 0.00	59.65 3.29 0.00	58.79 3.03 0.00	72.20 3.57 0.00	76.00 3.98 0.00	77.14 3.20 0.00	64.21 3.03 0.00	87.57 5.34 0.00	91.42 6.40 0.00	72.17 5.27 -0.05	91.90 7.12 -0.84	602.19 43.44 -66.97	50.08 1.76 -28.35	38.03 3.03 0.00	114.01 3.93 -69.13	98.33 4.44 -46.05	56.75 3.88 0.00	59.19 3.11 0.00
WATERSIDE____6 8 9 23538	79.60 2.05 0.00	64.04 1.77 0.00	59.25 2.39 0.00	58.17 2.69 0.00	57.82 2.34 0.00	58.04 2.37 0.00	56.88 2.70 0.00	59.74 3.38 0.00	59.33 3.57 0.00	72.94 4.31 0.00	77.55 5.53 0.00	79.57 5.63 0.00	67.31 6.13 0.00	91.01 8.78 0.00	94.45 9.44 0.00	93.64 7.73 -19.06	578.94 7.94 -487.07	3200.22 46.75 -2661.69	185.16 1.83 -163.36	60.25 3.12 -22.12	57.72 3.74 -13.03	57.62 4.00 -5.78	56.47 3.60 0.00	59.06 2.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	78.66 1.11 0.00	63.13 0.86 0.00	57.72 0.86 0.00	56.37 0.90 0.00	56.31 0.83 0.00	56.54 0.88 0.00	55.15 0.96 0.00	57.16 0.80 0.00	56.17 0.41 0.00	68.97 0.34 0.00	72.55 0.53 0.00	74.39 0.46 0.00	61.98 0.80 0.00	83.81 1.58 0.00	87.11 2.09 0.00	69.60 1.85 -0.91	86.75 2.82 0.00	508.70 16.93 0.00	20.72 0.75 0.00	36.26 1.26 0.00	42.91 1.57 -0.39	49.68 1.84 0.00	54.23 1.35 0.00	56.95 0.88 0.00

WDELAWARE___HYD 323627	79.13 1.58 0.00	63.39 1.13 0.00	58.09 1.23 0.00	56.75 1.27 0.00	56.57 1.08 0.00	56.75 1.09 0.00	55.53 1.34 0.00	58.09 1.74 0.00	57.61 1.85 0.00	71.07 2.44 0.00	75.28 3.26 0.00	77.46 3.52 0.00	65.11 3.92 0.00	87.85 5.62 0.00	89.69 4.67 0.00	73.68 3.96 -2.87	136.27 4.25 -48.09	1058.01 25.17 -541.07	62.73 1.03 -41.74	42.07 1.75 -5.32	52.06 3.02 -8.10	55.03 3.22 -3.96	55.56 2.69 0.00	58.02 1.94 0.00
WEST BABYLON___IC 23714	81.71 4.17 0.00	66.05 3.78 0.00	63.00 4.43 -1.71	59.72 4.24 0.00	59.44 3.96 0.00	59.57 3.91 0.00	58.05 3.86 0.00	60.91 4.55 0.00	60.43 4.67 0.00	74.51 5.88 0.00	82.81 6.87 -3.93	81.06 7.12 0.00	69.30 7.46 -0.66	92.97 10.52 -0.21	111.53 11.73 -14.79	142.78 8.94 -67.00	584.41 10.45 -490.03	3124.63 60.56 -2572.29	214.94 2.49 -192.47	110.61 4.49 -71.12	90.11 5.43 -43.73	71.57 5.74 -17.99	58.66 4.81 -0.98	62.93 4.42 -2.43
WEST CANADA___HYD 24049	77.83 0.28 0.00	62.52 0.25 0.00	57.11 0.25 0.00	55.74 0.27 0.00	55.70 0.22 0.00	55.89 0.22 0.00	54.44 0.25 0.00	56.63 0.28 0.00	55.98 0.22 0.00	68.91 0.28 0.00	72.38 0.36 0.00	74.29 0.35 0.00	61.65 0.46 0.00	83.04 0.81 0.00	85.99 0.97 0.00	68.58 0.82 -0.91	85.02 1.09 0.00	498.15 6.38 0.00	20.23 0.26 0.00	35.46 0.45 0.00	41.87 0.53 -0.39	48.44 0.60 0.00	53.29 0.42 0.00	56.29 0.21 0.00
WESTERN_NY_WIND 24143	81.22 3.68 0.00	64.15 1.88 0.00	56.88 0.02 0.00	55.10 -0.38 0.00	55.01 -0.47 0.00	55.43 -0.23 0.00	53.80 -0.38 0.00	55.94 -0.42 0.00	55.82 0.06 0.00	69.49 0.87 0.00	72.62 0.60 0.00	75.48 1.55 0.00	63.26 2.07 0.00	84.95 2.72 0.00	87.82 2.80 0.00	67.96 1.11 0.00	84.70 0.77 0.00	519.65 3.02 -24.86	21.71 0.09 -1.65	35.45 0.44 0.00	41.89 0.66 -0.28	49.01 1.17 0.00	54.43 1.56 0.00	56.74 0.67 0.00
WESTOVER___LESR 323668	78.90 1.35 0.00	63.12 0.85 0.00	57.12 0.26 0.00	55.80 0.32 0.00	55.69 0.21 0.00	56.01 0.34 0.00	54.63 0.44 0.00	56.92 0.57 0.00	56.34 0.58 0.00	69.78 1.15 0.00	73.28 1.26 0.00	75.64 1.70 0.00	63.04 1.85 0.00	85.26 3.03 0.00	88.25 3.23 0.00	69.30 2.29 -0.16	89.47 2.65 -2.90	582.70 13.87 -77.05	26.14 0.58 -5.60	36.46 1.18 -0.28	45.71 1.48 -3.28	51.06 1.62 -1.60	54.38 1.51 0.00	56.79 0.71 0.00
WETHRSFD_WT_PWR 323626	80.25 2.70 0.00	63.62 1.35 0.00	56.54 -0.32 0.00	54.95 -0.53 0.00	54.81 -0.67 0.00	55.21 -0.45 0.00	53.62 -0.57 0.00	55.69 -0.67 0.00	55.26 -0.50 0.00	68.87 0.24 0.00	72.13 0.11 0.00	74.82 0.88 0.00	62.37 1.19 0.00	84.25 2.02 0.00	86.89 1.87 0.00	67.57 0.72 0.00	83.88 -0.05 0.00	523.19 -1.86 -33.27	22.14 -0.05 -2.22	35.26 0.25 0.00	41.84 0.51 -0.39	48.61 0.76 -0.01	54.00 1.13 0.00	55.90 -0.18 0.00
WHAVSTOR_138KV_BK127 55557	79.64 2.10 0.00	63.95 1.68 0.00	58.77 1.92 0.00	57.49 2.02 0.00	57.29 1.81 0.00	57.47 1.80 0.00	56.21 2.03 0.00	58.84 2.49 0.00	58.45 2.70 0.00	72.12 3.49 0.00	76.50 4.49 0.00	78.72 4.78 0.00	66.36 5.18 0.00	89.82 7.59 0.00	93.36 8.34 0.00	73.58 6.87 0.14	45.39 7.65 46.19	1097.81 44.74 -561.29	53.75 1.76 -32.02	40.52 2.88 -2.63	50.36 3.41 -6.01	57.06 3.70 -5.52	56.06 3.18 0.00	58.59 2.51 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	79.64 2.10 0.00	63.95 1.68 0.00	58.77 1.92 0.00	57.49 2.02 0.00	57.29 1.81 0.00	57.47 1.80 0.00	56.21 2.03 0.00	58.84 2.49 0.00	58.45 2.70 0.00	72.12 3.49 0.00	76.50 4.49 0.00	78.72 4.78 0.00	66.36 5.18 0.00	89.82 7.59 0.00	93.36 8.34 0.00	73.58 6.87 0.14	45.39 7.65 46.19	1097.81 44.74 -561.29	53.75 1.76 -32.02	40.52 2.88 -2.63	50.36 3.41 -6.01	57.06 3.70 -5.52	56.06 3.18 0.00	58.59 2.51 0.00
WHITEHAL_115KV_TB1 80871	85.52 7.97 0.00	68.36 6.09 0.00	62.25 5.39 0.00	60.43 4.96 0.00	60.38 4.90 0.00	61.06 5.39 0.00	59.59 5.40 0.00	61.26 4.91 0.00	60.19 4.43 0.00	73.77 5.14 0.00	77.33 5.31 0.00	78.50 4.56 0.00	65.23 4.05 0.00	90.21 7.98 0.00	94.74 9.72 0.00	74.89 7.99 -0.05	94.79 10.01 -0.85	617.61 60.65 -65.19	50.53 2.46 -28.10	39.43 4.43 0.00	115.12 5.68 -68.50	100.30 6.39 -46.06	58.24 5.37 0.00	60.93 4.85 0.00
WHITEPLN_13_KV_LOAD 356215	81.42 3.87 0.00	65.34 3.08 0.00	60.07 3.21 0.00	58.75 3.27 0.00	58.55 3.07 0.00	58.74 3.07 0.00	57.51 3.32 0.00	60.28 3.93 0.00	59.91 4.15 0.00	73.98 5.35 0.00	78.53 6.51 0.00	80.80 6.86 0.00	68.16 6.98 0.00	92.38 10.15 0.00	95.97 10.95 0.00	93.76 8.94 -17.97	588.20 10.17 -494.10	3226.93 59.44 -2675.72	186.34 2.31 -164.05	61.03 3.82 -22.21	58.52 4.51 -13.06	58.55 4.94 -5.77	57.31 4.44 0.00	59.85 3.77 0.00
WM_FLOYD_69_KV_BK2 356380	76.90 2.96 3.60	65.37 3.10 0.00	62.53 3.96 -1.71	59.27 3.80 0.00	59.01 3.53 0.00	59.16 3.49 0.00	57.66 3.47 0.00	60.51 4.16 0.00	59.96 4.20 0.00	73.87 5.24 0.00	79.96 6.04 -1.91	78.28 6.35 2.01	88.76 6.76 -20.81	110.24 9.50 -18.51	189.68 10.69 -93.98	224.54 7.81 -149.88	580.01 8.87 -487.21	3110.56 51.63 -2567.16	247.51 2.07 -225.47	168.01 4.09 -128.92	109.50 5.09 -63.46	71.17 5.27 -18.05	56.77 4.21 0.31	60.78 3.72 -0.98
WOODARD___115KV_TB2 355635	77.14 -0.41 0.00	61.74 -0.53 0.00	56.08 -0.78 0.00	54.64 -0.84 0.00	54.59 -0.89 0.00	54.84 -0.83 0.00	53.44 -0.75 0.00	55.67 -0.68 0.00	55.13 -0.63 0.00	68.09 -0.54 0.00	71.40 -0.62 0.00	73.55 -0.38 0.00	61.20 0.02 0.00	82.63 0.40 0.00	85.49 0.47 0.00	67.18 0.33 0.00	84.30 0.37 0.00	491.77 -0.01 0.00	20.00 0.03 0.00	35.19 0.18 0.00	41.66 0.19 -0.52	48.00 0.16 0.00	52.77 -0.10 0.00	55.54 -0.54 0.00
WOODMERE_69_KV_BK1 55827	126.01 4.34 -44.13	66.11 3.81 -0.03	62.72 4.16 -1.71	59.69 4.21 0.00	59.45 3.97 0.00	59.60 3.93 0.00	58.07 3.88 0.00	60.84 4.49 0.00	60.15 4.39 0.00	74.33 5.70 0.00	83.88 6.92 -4.94	107.20 7.29 -25.97	71.65 7.53 -2.94	96.10 10.56 -3.31	151.21 11.50 -54.69	230.25 9.08 -154.32	702.69 10.94 -607.83	3349.25 61.15 -2796.33	313.20 2.50 -290.73	168.50 4.24 -129.26	83.29 5.01 -37.34	102.94 5.35 -49.75	68.30 4.64 -10.79	65.60 4.14 -5.38
YORK___WARBASSE 23770	80.08 2.53 0.00	64.43 2.17 0.00	59.50 2.64 0.00	58.33 2.85 0.00	57.93 2.46 0.00	58.23 2.57 0.00	57.11 2.92 0.00	59.94 3.58 0.00	59.52 3.76 0.00	73.24 4.61 0.00	77.98 5.96 0.00	80.09 6.15 0.00	67.74 6.56 0.00	91.60 9.37 0.00	95.13 10.10 -0.01	93.56 8.22 -18.49	578.96 7.96 -487.07	3200.96 47.49 -2661.69	185.18 1.85 -163.36	60.32 3.20 -22.12	57.90 3.92 -13.03	57.89 4.27 -5.78	56.79 3.92 0.00	59.36 3.28 0.00