

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/13/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	51.06	47.42	44.64	40.65	36.08	43.58	66.82	76.38	72.20	60.82	55.92	65.25	71.55	56.99	115.68	92.46	93.82	102.71	87.88	77.51	80.04	74.39	62.17	48.82
24138	2.72	2.43	2.17	2.00	1.76	2.14	3.42	4.02	3.52	3.10	3.23	4.11	4.53	3.74	6.40	4.90	4.89	5.56	4.59	3.74	3.14	2.70	2.24	1.64
	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	51.05	47.43	44.64	40.67	36.09	43.58	66.81	76.39	72.23	60.80	55.97	65.25	71.58	57.71	115.66	92.47	93.87	102.81	87.98	77.65	80.21	74.56	62.32	48.92
24260	2.72	2.43	2.17	2.01	1.77	2.14	3.42	4.03	3.55	3.07	3.29	4.10	4.56	3.75	6.37	4.91	4.94	5.66	4.69	3.88	3.31	2.88	2.39	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.05	47.43	44.64	40.67	36.09	43.58	66.81	76.39	72.23	60.80	55.97	65.25	71.58	57.71	115.66	92.47	93.87	102.81	87.98	77.65	80.21	74.56	62.32	48.92
24261	2.72	2.43	2.17	2.01	1.77	2.14	3.42	4.03	3.55	3.07	3.29	4.10	4.56	3.75	6.37	4.91	4.94	5.66	4.69	3.88	3.31	2.88	2.39	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	50.58	47.03	44.29	40.49	35.95	43.51	66.21	75.92	71.94	60.30	55.09	64.04	70.19	55.99	113.84	90.96	92.48	101.18	86.72	76.72	80.58	75.14	62.41	48.91
24011	2.25	2.03	1.82	1.84	1.63	2.07	2.82	3.56	3.26	2.58	2.40	2.89	3.18	2.71	4.55	3.41	3.55	4.03	3.43	2.95	3.68	3.46	2.49	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	50.90	47.25	44.48	40.72	36.18	43.80	66.64	76.52	72.52	60.70	55.41	64.37	70.65	56.43	114.52	91.46	93.01	101.70	87.19	77.11	81.24	75.79	62.82	49.17
23798	2.56	2.25	2.02	2.07	1.86	2.36	3.24	4.16	3.84	2.98	2.72	3.22	3.64	3.15	5.24	3.90	4.09	4.55	3.90	3.35	4.34	4.11	2.89	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	50.58	47.03	44.29	40.49	35.95	43.51	66.21	75.92	71.94	60.30	55.09	64.04	70.19	55.99	113.84	90.96	92.48	101.18	86.72	76.72	80.58	75.14	62.41	48.91
24028	2.25	2.03	1.82	1.84	1.63	2.07	2.82	3.56	3.26	2.58	2.40	2.89	3.18	2.71	4.55	3.41	3.55	4.03	3.43	2.95	3.68	3.46	2.49	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	50.21	46.73	44.09	40.38	35.78	43.18	65.27	74.85	70.96	59.69	54.53	63.61	69.54	55.41	112.61	89.98	91.17	99.50	85.16	75.41	79.12	74.06	61.68	48.41
23527	1.88	1.73	1.63	1.73	1.47	1.74	1.87	2.49	2.28	1.97	1.85	2.46	2.52	2.13	3.33	2.43	2.25	2.35	1.87	1.64	2.22	2.37	1.75	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	49.10	45.83	43.28	39.50	34.99	42.13	63.59	72.84	69.01	57.89	52.75	61.37	67.23	53.56	109.11	87.33	88.56	96.82	82.88	73.37	76.51	71.35	59.55	46.92
24190	0.77	0.83	0.82	0.85	0.67	0.69	0.19	0.48	0.32	0.17	0.07	0.23	0.21	0.28	-0.18	-0.23	-0.37	-0.34	-0.41	-0.40	-0.39	-0.33	-0.38	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	49.24	45.75	43.18	39.27	34.93	42.18	64.81	73.86	70.22	58.92	53.62	62.09	68.12	54.06	110.77	89.03	90.50	98.63	84.62	75.06	78.46	73.25	61.20	48.26
355683	0.90	0.75	0.72	0.61	0.61	0.74	1.42	1.50	1.53	1.20	0.94	0.94	1.10	0.78	1.48	1.48	1.57	1.48	1.33	1.29	1.56	1.56	1.27	1.09
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	49.84	46.49	43.88	40.04	35.47	42.77	64.89	74.22	70.26	59.00	53.79	62.53	68.45	54.58	111.38	89.11	90.54	99.05	84.84	75.08	78.29	73.00	60.96	47.97
323833	1.50	1.49	1.41	1.38	1.15	1.33	1.49	1.86	1.57	1.27	1.10	1.38	1.43	1.30	2.09	1.56	1.61	1.90	1.55	1.31	1.40	1.32	1.03	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	49.82	46.49	43.88	40.02	35.45	42.76	64.88	74.21	70.26	58.98	53.78	62.52	68.43	54.56	111.35	89.09	90.52	99.04	84.81	75.05	78.28	72.96	60.93	47.96
323834	1.49	1.49	1.41	1.37	1.13	1.32	1.48	1.86	1.57	1.26	1.09	1.37	1.41	1.28	2.06	1.54	1.59	1.89	1.52	1.28	1.38	1.28	1.00	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	49.10	45.83	43.28	39.50	34.99	42.13	63.59	72.84	69.01	57.89	52.75	61.37	67.23	53.56	109.11	87.33	88.56	96.82	82.88	73.37	76.51	71.35	59.55	46.92
23571	0.77	0.83	0.82	0.85	0.67	0.69	0.19	0.48	0.32	0.17	0.07	0.23	0.21	0.28	-0.18	-0.23	-0.37	-0.34	-0.41	-0.40	-0.39	-0.33	-0.38	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	49.10 0.77 0.00	45.83 0.83 0.00	43.28 0.82 0.00	39.50 0.85 0.00	34.99 0.67 0.00	42.13 0.69 0.00	63.59 0.19 0.00	72.84 0.48 0.00	69.01 0.32 0.00	57.89 0.17 0.00	52.75 0.07 0.00	61.37 0.23 0.00	67.23 0.21 0.00	53.56 0.28 0.00	109.11 -0.18 0.00	87.33 -0.23 0.00	88.56 -0.37 0.00	96.82 -0.34 0.00	82.88 -0.41 0.00	73.37 -0.40 0.00	76.51 -0.39 0.00	71.35 -0.33 0.00	59.55 -0.38 0.00	46.92 -0.25 0.00
ALBANY___3 23573	49.10 0.77 0.00	45.83 0.83 0.00	43.28 0.82 0.00	39.50 0.85 0.00	34.99 0.67 0.00	42.13 0.69 0.00	63.59 0.19 0.00	72.84 0.48 0.00	69.01 0.32 0.00	57.89 0.17 0.00	52.75 0.07 0.00	61.37 0.23 0.00	67.23 0.21 0.00	53.56 0.28 0.00	109.11 -0.18 0.00	87.33 -0.23 0.00	88.56 -0.37 0.00	96.82 -0.34 0.00	82.88 -0.41 0.00	73.37 -0.40 0.00	76.51 -0.39 0.00	71.35 -0.33 0.00	59.55 -0.38 0.00	46.92 -0.25 0.00
ALBANY___4 23574	49.10 0.77 0.00	45.83 0.83 0.00	43.28 0.82 0.00	39.50 0.85 0.00	34.99 0.67 0.00	42.13 0.69 0.00	63.59 0.19 0.00	72.84 0.48 0.00	69.01 0.32 0.00	57.89 0.17 0.00	52.75 0.07 0.00	61.37 0.23 0.00	67.23 0.21 0.00	53.56 0.28 0.00	109.11 -0.18 0.00	87.33 -0.23 0.00	88.56 -0.37 0.00	96.82 -0.34 0.00	82.88 -0.41 0.00	73.37 -0.40 0.00	76.51 -0.39 0.00	71.35 -0.33 0.00	59.55 -0.38 0.00	46.92 -0.25 0.00
ALBANY___LFGE 323615	49.48 1.14 0.00	46.16 1.16 0.00	43.58 1.11 0.00	39.81 1.15 0.00	35.26 0.94 0.00	42.47 1.03 0.00	64.19 0.79 0.00	73.55 1.20 0.00	69.68 1.00 0.00	58.50 0.78 0.00	53.31 0.62 0.00	62.04 0.90 0.00	67.97 0.96 0.00	54.17 0.88 0.00	110.29 1.01 0.00	88.27 0.72 0.00	89.57 0.65 0.00	97.89 0.73 0.00	83.78 0.49 0.00	74.17 0.41 0.00	77.33 0.43 0.00	72.10 0.41 0.00	60.16 0.22 0.00	47.35 0.18 0.00
ALCOA_PA_115KV_PL-6C 55860	49.59 1.26 0.00	46.08 1.08 0.00	43.50 1.04 0.00	39.55 0.90 0.00	35.19 0.87 0.00	42.52 1.08 0.00	65.32 1.92 0.00	74.45 2.09 0.00	70.77 2.09 0.00	59.37 1.65 0.00	54.01 1.33 0.00	62.48 1.33 0.00	68.58 1.57 0.00	54.44 1.16 0.00	111.77 2.49 0.00	89.65 2.10 0.00	91.04 2.12 0.00	99.13 1.97 0.00	85.05 1.76 0.00	75.51 1.74 0.00	79.00 2.11 0.00	73.82 2.14 0.00	61.67 1.74 0.00	48.63 1.46 0.00
ALCOA_RYNLDS___DRP 24188	49.59 1.26 0.00	46.08 1.08 0.00	43.50 1.04 0.00	39.55 0.90 0.00	35.19 0.87 0.00	42.52 1.08 0.00	65.32 1.92 0.00	74.45 2.09 0.00	70.77 2.09 0.00	59.37 1.65 0.00	54.01 1.33 0.00	62.48 1.33 0.00	68.58 1.57 0.00	54.44 1.16 0.00	111.77 2.49 0.00	89.65 2.10 0.00	91.04 2.12 0.00	99.13 1.97 0.00	85.05 1.76 0.00	75.51 1.74 0.00	79.00 2.11 0.00	73.82 2.14 0.00	61.67 1.74 0.00	48.63 1.46 0.00
ALCOA___DSASP 323711	49.59 1.26 0.00	46.08 1.08 0.00	43.50 1.04 0.00	39.55 0.90 0.00	35.19 0.87 0.00	42.52 1.08 0.00	65.32 1.92 0.00	74.45 2.09 0.00	70.77 2.09 0.00	59.37 1.65 0.00	54.01 1.33 0.00	62.48 1.33 0.00	68.58 1.57 0.00	54.44 1.16 0.00	111.77 2.49 0.00	89.65 2.10 0.00	91.04 2.12 0.00	99.13 1.97 0.00	85.05 1.76 0.00	75.51 1.74 0.00	79.00 2.11 0.00	73.82 2.14 0.00	61.67 1.74 0.00	48.63 1.46 0.00
ALLEGHENY___COGEN 23514	46.70 -1.63 0.00	43.04 -1.96 0.00	40.62 -1.84 0.00	34.59 -1.82 2.24	33.08 -1.24 0.00	40.71 -0.73 0.00	61.58 -1.81 0.00	61.83 -2.26 8.27	66.10 -2.58 0.00	8.94 -2.08 46.71	36.89 -2.61 13.18	41.65 -2.76 16.74	26.15 -3.12 37.75	25.37 -3.45 24.46	40.57 -6.48 62.24	58.71 -5.76 23.08	34.67 -5.25 49.00	65.00 -4.64 27.51	74.25 -3.30 5.73	53.96 -3.12 16.69	65.95 -3.60 7.35	67.33 -1.71 2.65	58.96 -0.97 0.00	45.79 -0.67 0.71
ALTAMONT_115KV_TB 2 55880	49.23 0.89 0.00	45.94 0.94 0.00	43.36 0.89 0.00	39.52 0.87 0.00	34.99 0.67 0.00	42.18 0.74 0.00	64.13 0.73 0.00	73.34 0.98 0.00	69.49 0.81 0.00	58.37 0.65 0.00	53.33 0.65 0.00	62.02 0.87 0.00	67.94 0.92 0.00	54.09 0.81 0.00	110.30 1.01 0.00	88.25 0.70 0.00	89.55 0.63 0.00	97.95 0.80 0.00	83.89 0.60 0.00	74.26 0.49 0.00	77.36 0.46 0.00	72.14 0.46 0.00	60.28 0.35 0.00	47.42 0.25 0.00
ALTONA_WT_PWR 323606	49.17 0.83 0.00	45.72 0.72 0.00	43.22 0.76 0.00	39.34 0.68 0.00	34.99 0.67 0.00	42.32 0.88 0.00	65.06 1.66 0.00	74.16 1.80 0.00	70.43 1.75 0.00	58.97 1.25 0.00	53.54 0.85 0.00	61.85 0.71 0.00	67.81 0.80 0.00	53.75 0.47 0.00	110.34 1.06 0.00	88.68 1.12 0.00	90.28 1.35 0.00	98.32 1.16 0.00	84.38 1.09 0.00	74.82 1.06 0.00	78.27 1.38 0.00	73.02 1.34 0.00	60.99 1.06 0.00	48.08 0.91 0.00
AMERICAN_REF_FUEL 24010	43.26 -5.08 0.00	39.87 -5.12 0.00	37.63 -4.83 0.00	32.88 -4.67 1.10	30.44 -3.88 0.00	37.36 -4.08 0.00	55.93 -7.47 0.00	59.37 -8.64 4.34	60.67 -8.01 0.00	26.45 -5.59 25.68	38.98 -5.78 7.92	31.50 -6.68 22.97	38.51 -7.20 21.30	33.67 -6.05 13.56	62.94 -11.96 34.38	65.34 -10.17 12.05	53.72 -9.92 25.28	72.01 -11.00 14.14	71.55 -8.81 2.93	57.54 -7.69 8.54	64.85 -8.28 3.76	62.80 -7.53 1.35	54.37 -5.56 0.00	43.03 -3.78 0.36
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.48 -4.85 0.00	40.20 -4.80 0.00	38.20 -4.26 0.00	33.43 -3.94 1.29	30.56 -3.76 0.00	37.53 -3.91 0.00	56.77 -6.63 0.00	59.64 -7.52 5.20	62.25 -6.43 0.00	21.23 -4.99 31.50	38.02 -5.13 9.53	27.43 -6.61 27.11	34.49 -6.95 25.57	31.20 -5.80 16.27	55.61 -12.41 41.27	63.10 -10.06 14.39	48.56 -10.20 30.16	70.22 -10.06 16.88	72.39 -7.40 3.51	57.05 -6.51 10.21	65.59 -6.81 4.50	64.77 -5.29 1.62	56.06 -3.87 0.00	43.34 -3.40 0.44
ARTHUR KILL_GT_1 23520	51.13 2.79 0.00	47.53 2.53 0.00	44.70 2.24 0.00	40.74 2.09 0.00	36.15 1.83 0.00	43.62 2.19 0.00	66.81 3.42 0.00	76.30 3.94 0.00	71.95 3.27 0.00	60.38 2.65 0.00	55.65 2.97 0.00	64.60 3.45 0.00	71.00 3.99 0.00	57.43 3.47 -0.67	114.49 5.21 0.00	91.66 4.11 0.00	93.20 4.27 0.00	102.17 5.02 0.00	87.44 4.15 0.00	77.19 3.43 0.00	79.70 2.80 0.00	74.07 2.39 0.00	61.98 2.05 0.00	48.80 1.63 0.00
ARTHUR_KILL_2 23512	50.99 2.66 0.00	47.41 2.42 0.00	44.60 2.14 0.00	40.65 1.99 0.00	36.06 1.74 0.00	43.51 2.07 0.00	66.63 3.23 0.00	76.09 3.74 0.00	71.76 3.07 0.00	60.26 2.54 0.00	55.52 2.83 0.00	64.45 3.30 0.00	70.84 3.82 0.00	57.37 3.41 -0.68	114.23 4.94 0.00	91.40 3.85 0.00	92.96 4.04 0.00	101.87 4.72 0.00	87.18 3.89 0.00	76.96 3.19 0.00	79.44 2.54 0.00	73.86 2.17 0.00	61.80 1.87 0.00	48.68 1.51 0.00
ARTHUR_KILL_3 23513	50.62 2.29 0.00	47.04 2.04 0.00	44.26 1.80 0.00	40.34 1.68 0.00	35.79 1.47 0.00	43.21 1.77 0.00	66.27 2.87 0.00	75.70 3.34 0.00	71.50 2.82 0.00	60.20 2.48 0.00	55.40 2.71 0.00	64.60 3.45 0.00	70.88 3.86 0.00	57.14 3.18 -0.69	114.61 5.32 0.00	91.62 4.07 0.00	93.03 4.11 0.00	101.91 4.76 0.00	87.19 3.90 0.00	76.94 3.17 0.00	79.39 2.48 0.00	73.81 2.13 0.00	61.73 1.80 0.00	48.46 1.28 0.00

ARTHUR_KILL_COGEN 323718	51.13 2.79 0.00	47.53 2.53 0.00	44.70 2.24 0.00	40.74 2.09 0.00	36.15 1.83 0.00	43.62 2.18 0.00	66.82 3.42 0.00	76.31 3.95 0.00	71.95 3.27 0.00	60.44 2.71 0.00	55.66 2.97 0.00	64.62 3.47 0.00	71.03 4.02 0.00	57.48 3.52 -0.68	114.49 5.20 0.00	91.66 4.11 0.00	93.21 4.29 0.00	102.17 5.02 0.00	87.44 4.15 0.00	77.20 3.43 0.00	79.68 2.79 0.00	74.08 2.40 0.00	61.98 2.05 0.00	48.81 1.63 0.00
ASHOKAN____ 23654	50.13 1.79 0.00	46.69 1.69 0.00	44.00 1.54 0.00	40.09 1.43 0.00	35.51 1.19 0.00	42.96 1.52 0.00	65.64 2.24 0.00	75.24 2.89 0.00	71.26 2.58 0.00	59.79 2.07 0.00	54.71 2.02 0.00	63.64 2.49 0.00	69.67 2.66 0.00	55.44 2.15 0.00	113.14 3.86 0.00	90.62 3.07 0.00	92.30 3.38 0.00	101.30 4.15 0.00	86.81 3.52 0.00	76.76 2.99 0.00	79.71 2.81 0.00	74.14 2.46 0.00	61.75 1.83 0.00	48.39 1.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.48 1.82 0.00	35.92 1.60 0.00	43.20 1.76 0.00	66.30 2.90 0.00	75.86 3.50 0.00	71.78 3.10 0.00	60.42 2.70 0.00	55.59 2.90 0.00	64.79 3.64 0.00	70.96 3.95 0.00	57.22 3.25 -0.68	114.65 5.36 0.00	91.73 4.18 0.00	93.21 4.29 0.00	102.10 4.95 0.00	87.34 4.05 0.00	77.08 3.32 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.44 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.66 2.32 0.00	47.10 2.11 0.00	44.31 1.85 0.00	40.46 1.81 0.00	35.91 1.59 0.00	43.18 1.74 0.00	66.25 2.85 0.00	75.81 3.45 0.00	71.76 3.08 0.00	60.39 2.66 0.00	55.56 2.87 0.00	64.75 3.61 0.00	70.92 3.90 0.00	57.18 3.22 -0.68	114.61 5.32 0.00	91.69 4.14 0.00	93.15 4.23 0.00	102.06 4.91 0.00	87.31 4.03 0.00	77.07 3.30 0.00	79.66 2.76 0.00	74.02 2.33 0.00	61.88 1.95 0.00	48.60 1.43 0.00
ASTORIA_GT2_1 24094	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT2_2 24095	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT2_3 24096	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT2_4 24097	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT3_1 24098	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT3_2 24099	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT3_3 24100	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT3_4 24101	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT4_1 24102	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT4_2 24103	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT4_3 24104	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00

ASTORIA_GT4_4 24105	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.47 1.82 0.00	35.92 1.60 0.00	43.19 1.75 0.00	66.30 2.90 0.00	75.84 3.48 0.00	71.78 3.10 0.00	60.39 2.66 0.00	55.57 2.89 0.00	64.76 3.61 0.00	70.94 3.93 0.00	57.16 3.20 -0.67	114.61 5.32 0.00	91.74 4.18 0.00	93.19 4.27 0.00	102.11 4.96 0.00	87.34 4.05 0.00	77.09 3.33 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.43 0.00
ASTORIA_GT_1 23523	50.77 2.43 0.00	47.20 2.20 0.00	44.40 1.94 0.00	40.53 1.88 0.00	35.96 1.64 0.00	43.27 1.83 0.00	66.39 2.99 0.00	75.98 3.63 0.00	71.92 3.23 0.00	60.51 2.78 0.00	55.68 2.99 0.00	64.89 3.74 0.00	71.08 4.06 0.00	57.27 3.31 -0.67	114.84 5.56 0.00	91.92 4.37 0.00	93.37 4.45 0.00	102.31 5.16 0.00	87.52 4.23 0.00	77.24 3.47 0.00	79.86 2.97 0.00	74.21 2.52 0.00	62.03 2.10 0.00	48.70 1.52 0.00
ASTORIA_GT_10 24110	50.85 2.51 0.00	47.25 2.25 0.00	44.47 2.00 0.00	40.54 1.88 0.00	35.97 1.66 0.00	43.38 1.94 0.00	66.47 3.07 0.00	76.01 3.65 0.00	71.86 3.17 0.00	60.46 2.73 0.00	55.67 2.99 0.00	64.84 3.69 0.00	71.15 4.13 0.00	57.42 3.47 -0.67	114.94 5.66 0.00	91.87 4.32 0.00	93.25 4.32 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.07 3.31 0.00	79.62 2.72 0.00	74.01 2.32 0.00	61.89 1.96 0.00	48.63 1.46 0.00
ASTORIA_GT_11 24225	50.85 2.51 0.00	47.25 2.25 0.00	44.47 2.00 0.00	40.54 1.88 0.00	35.97 1.66 0.00	43.38 1.94 0.00	66.47 3.07 0.00	76.01 3.65 0.00	71.86 3.17 0.00	60.46 2.73 0.00	55.67 2.99 0.00	64.84 3.69 0.00	71.15 4.13 0.00	57.42 3.47 -0.67	114.94 5.66 0.00	91.87 4.32 0.00	93.25 4.32 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.07 3.31 0.00	79.62 2.72 0.00	74.01 2.32 0.00	61.89 1.96 0.00	48.63 1.46 0.00
ASTORIA_GT_12 24226	50.85 2.51 0.00	47.25 2.25 0.00	44.47 2.00 0.00	40.54 1.88 0.00	35.97 1.66 0.00	43.38 1.94 0.00	66.47 3.07 0.00	76.01 3.65 0.00	71.86 3.17 0.00	60.46 2.73 0.00	55.67 2.99 0.00	64.84 3.69 0.00	71.15 4.13 0.00	57.42 3.47 -0.67	114.94 5.66 0.00	91.87 4.32 0.00	93.25 4.32 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.07 3.31 0.00	79.62 2.72 0.00	74.01 2.32 0.00	61.89 1.96 0.00	48.63 1.46 0.00
ASTORIA_GT_13 24227	50.85 2.51 0.00	47.25 2.25 0.00	44.47 2.00 0.00	40.54 1.88 0.00	35.97 1.66 0.00	43.38 1.94 0.00	66.47 3.07 0.00	76.01 3.65 0.00	71.86 3.17 0.00	60.46 2.73 0.00	55.67 2.99 0.00	64.84 3.69 0.00	71.15 4.13 0.00	57.42 3.47 -0.67	114.94 5.66 0.00	91.87 4.32 0.00	93.25 4.32 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.07 3.31 0.00	79.62 2.72 0.00	74.01 2.32 0.00	61.89 1.96 0.00	48.63 1.46 0.00
ASTORIA_GT_5 24106	50.77 2.43 0.00	47.20 2.20 0.00	44.40 1.94 0.00	40.53 1.88 0.00	35.96 1.64 0.00	43.27 1.83 0.00	66.39 2.99 0.00	75.98 3.63 0.00	71.92 3.23 0.00	60.51 2.78 0.00	55.68 2.99 0.00	64.89 3.74 0.00	71.08 4.06 0.00	57.27 3.31 -0.67	114.84 5.56 0.00	91.92 4.37 0.00	93.37 4.45 0.00	102.31 5.16 0.00	87.52 4.23 0.00	77.24 3.47 0.00	79.86 2.97 0.00	74.21 2.52 0.00	62.03 2.10 0.00	48.70 1.52 0.00
ASTORIA_GT_7 24107	50.77 2.43 0.00	47.20 2.20 0.00	44.40 1.94 0.00	40.53 1.88 0.00	35.96 1.64 0.00	43.27 1.83 0.00	66.39 2.99 0.00	75.98 3.63 0.00	71.92 3.23 0.00	60.51 2.78 0.00	55.68 2.99 0.00	64.89 3.74 0.00	71.08 4.06 0.00	57.27 3.31 -0.67	114.84 5.56 0.00	91.92 4.37 0.00	93.37 4.45 0.00	102.31 5.16 0.00	87.52 4.23 0.00	77.24 3.47 0.00	79.86 2.97 0.00	74.21 2.52 0.00	62.03 2.10 0.00	48.70 1.52 0.00
ASTORIA_GT_8 24108	50.77 2.43 0.00	47.20 2.20 0.00	44.40 1.94 0.00	40.53 1.88 0.00	35.96 1.64 0.00	43.27 1.83 0.00	66.39 2.99 0.00	75.98 3.63 0.00	71.92 3.23 0.00	60.51 2.78 0.00	55.68 2.99 0.00	64.89 3.74 0.00	71.08 4.06 0.00	57.27 3.31 -0.67	114.84 5.56 0.00	91.92 4.37 0.00	93.37 4.45 0.00	102.31 5.16 0.00	87.52 4.23 0.00	77.24 3.47 0.00	79.86 2.97 0.00	74.21 2.52 0.00	62.03 2.10 0.00	48.70 1.52 0.00
ASTORIA___2 24149	50.69 2.35 0.00	47.14 2.14 0.00	44.34 1.88 0.00	40.48 1.82 0.00	35.92 1.60 0.00	43.20 1.76 0.00	66.30 2.90 0.00	75.86 3.50 0.00	71.78 3.10 0.00	60.42 2.70 0.00	55.59 2.90 0.00	64.79 3.64 0.00	70.96 3.95 0.00	57.22 3.25 -0.68	114.65 5.36 0.00	91.73 4.18 0.00	93.21 4.29 0.00	102.10 4.95 0.00	87.34 4.05 0.00	77.08 3.32 0.00	79.70 2.80 0.00	74.06 2.38 0.00	61.91 1.98 0.00	48.61 1.44 0.00
ASTORIA___3 23516	50.85 2.51 0.00	47.25 2.25 0.00	44.47 2.00 0.00	40.54 1.88 0.00	35.97 1.66 0.00	43.38 1.94 0.00	66.47 3.07 0.00	76.02 3.66 0.00	71.86 3.17 0.00	60.50 2.78 0.00	55.68 3.00 0.00	64.87 3.72 0.00	71.17 4.15 0.00	57.46 3.50 -0.68	114.96 5.68 0.00	91.86 4.31 0.00	93.27 4.34 0.00	102.12 4.97 0.00	87.37 4.09 0.00	77.07 3.30 0.00	79.63 2.73 0.00	74.01 2.32 0.00	61.89 1.96 0.00	48.65 1.47 0.00
ASTORIA___4 23517	50.85 2.51 0.00	47.25 2.25 0.00	44.47 2.00 0.00	40.54 1.88 0.00	35.97 1.66 0.00	43.38 1.94 0.00	66.47 3.07 0.00	76.01 3.65 0.00	71.86 3.17 0.00	60.46 2.73 0.00	55.67 2.99 0.00	64.84 3.69 0.00	71.15 4.13 0.00	57.42 3.47 -0.67	114.94 5.66 0.00	91.87 4.32 0.00	93.25 4.32 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.07 3.31 0.00	79.62 2.72 0.00	74.01 2.32 0.00	61.89 1.96 0.00	48.63 1.46 0.00
ASTORIA___5 23518	50.85 2.51 0.00	47.25 2.25 0.00	44.47 2.00 0.00	40.54 1.88 0.00	35.97 1.66 0.00	43.38 1.94 0.00	66.47 3.07 0.00	76.02 3.66 0.00	71.86 3.17 0.00	60.50 2.78 0.00	55.68 3.00 0.00	64.86 3.71 0.00	71.17 4.15 0.00	57.46 3.50 -0.68	114.96 5.68 0.00	91.86 4.31 0.00	93.27 4.34 0.00	102.12 4.97 0.00	87.37 4.09 0.00	77.07 3.30 0.00	79.62 2.72 0.00	74.01 2.32 0.00	61.89 1.96 0.00	48.65 1.47 0.00
AST_ENERGY_2_CC3 323677	50.16 1.82 0.00	46.64 1.64 0.00	43.88 1.42 0.00	40.08 1.42 0.00	35.62 1.31 0.00	42.75 1.31 0.00	65.61 2.21 0.00	75.08 2.72 0.00	71.04 2.36 0.00	59.79 2.07 0.00	55.02 2.34 0.00	64.11 2.96 0.00	70.23 3.21 0.00	56.64 2.68 -0.68	113.45 4.16 0.00	90.78 3.23 0.00	92.25 3.33 0.00	101.07 3.92 0.00	86.44 3.15 0.00	76.28 2.52 0.00	78.85 1.96 0.00	73.27 1.59 0.00	61.25 1.32 0.00	48.10 0.92 0.00
AST_ENERGY_2_CC4 323678	50.16 1.82 0.00	46.64 1.64 0.00	43.88 1.42 0.00	40.08 1.42 0.00	35.62 1.31 0.00	42.75 1.31 0.00	65.61 2.21 0.00	75.08 2.72 0.00	71.04 2.36 0.00	59.79 2.07 0.00	55.02 2.34 0.00	64.11 2.96 0.00	70.23 3.21 0.00	56.64 2.68 -0.68	113.45 4.16 0.00	90.78 3.23 0.00	92.25 3.33 0.00	101.07 3.92 0.00	86.44 3.15 0.00	76.28 2.52 0.00	78.85 1.96 0.00	73.27 1.59 0.00	61.25 1.32 0.00	48.10 0.92 0.00

ATHENS_STG_1 23668	49.52 1.19 0.00	46.19 1.20 0.00	43.57 1.10 0.00	39.67 1.01 0.00	35.12 0.80 0.00	42.34 0.90 0.00	64.68 1.28 0.00	73.91 1.56 0.00	69.98 1.29 0.00	58.85 1.12 0.00	53.90 1.22 0.00	62.74 1.59 0.00	68.75 1.74 0.00	54.75 1.47 0.00	111.44 2.15 0.00	89.12 1.57 0.00	90.44 1.51 0.00	98.95 1.79 0.00	84.74 1.46 0.00	74.97 1.20 0.00	77.96 1.06 0.00	72.62 0.93 0.00	60.73 0.80 0.00	47.73 0.55 0.00
ATHENS_STG_2 23670	49.52 1.19 0.00	46.19 1.20 0.00	43.57 1.10 0.00	39.67 1.01 0.00	35.12 0.80 0.00	42.34 0.90 0.00	64.68 1.28 0.00	73.91 1.56 0.00	69.98 1.29 0.00	58.85 1.12 0.00	53.90 1.22 0.00	62.74 1.59 0.00	68.75 1.74 0.00	54.75 1.47 0.00	111.44 2.15 0.00	89.12 1.57 0.00	90.44 1.51 0.00	98.95 1.79 0.00	84.74 1.46 0.00	74.97 1.20 0.00	77.96 1.06 0.00	72.62 0.93 0.00	60.73 0.80 0.00	47.73 0.55 0.00
ATHENS_STG_3 23677	49.52 1.19 0.00	46.19 1.20 0.00	43.57 1.10 0.00	39.67 1.01 0.00	35.12 0.80 0.00	42.34 0.90 0.00	64.68 1.28 0.00	73.91 1.56 0.00	69.98 1.29 0.00	58.85 1.12 0.00	53.90 1.22 0.00	62.74 1.59 0.00	68.75 1.74 0.00	54.75 1.47 0.00	111.44 2.15 0.00	89.12 1.57 0.00	90.44 1.51 0.00	98.95 1.79 0.00	84.74 1.46 0.00	74.97 1.20 0.00	77.96 1.06 0.00	72.62 0.93 0.00	60.73 0.80 0.00	47.73 0.55 0.00
AUBURN___LFGE 323710	47.47 -0.86 0.00	44.12 -0.87 0.00	41.65 -0.81 0.00	38.34 -0.80 -0.49	33.77 -0.54 0.00	41.00 -0.44 0.00	62.45 -0.95 0.00	78.30 -1.00 -6.94	67.70 -0.98 0.00	71.75 -0.75 -14.78	56.72 -0.47 -4.51	68.63 -0.69 -8.17	74.82 -1.11 -8.91	58.14 -0.85 -5.70	123.01 -0.70 -14.42	92.78 -0.57 -5.80	102.45 -0.42 -13.95	104.75 -0.24 -7.84	84.87 -0.06 -1.64	78.43 -0.11 -4.77	78.68 -0.32 -2.10	71.75 -0.69 -0.76	59.51 -0.42 0.00	47.08 -0.30 -0.20
BABYLON_RES_REC 323704	50.99 2.66 0.00	47.33 2.33 0.00	44.43 1.97 0.00	40.51 1.85 0.00	35.83 1.52 0.00	43.21 1.78 0.00	67.70 2.69 -1.61	77.48 3.09 -2.03	73.62 3.02 -1.91	61.66 2.44 -1.49	55.50 2.75 -0.07	65.40 3.88 -0.37	72.91 4.25 -1.64	57.36 3.44 -0.64	115.69 4.67 -1.74	92.87 3.97 -1.36	95.68 4.23 -2.52	105.36 5.36 -2.85	91.44 4.43 -3.72	79.36 3.57 -2.01	82.13 2.99 -2.24	76.36 2.49 -2.19	63.80 2.36 -1.51	48.75 1.58 0.00
BALL_HILL_WT_PWR 323825	44.02 -4.32 0.00	40.62 -4.37 0.00	38.45 -4.01 0.00	33.59 -3.82 1.24	30.98 -3.33 0.00	38.02 -3.42 0.00	57.31 -6.08 0.00	60.20 -7.32 4.83	61.53 -7.14 0.00	24.24 -5.26 28.22	38.69 -5.30 8.69	29.35 -5.98 25.81	36.36 -6.29 24.37	32.59 -5.18 15.51	59.23 -10.72 39.34	64.74 -9.06 13.75	50.99 -9.11 28.82	71.63 -9.41 16.12	72.95 -6.99 3.35	57.78 -6.23 9.75	65.93 -6.67 4.30	64.41 -5.73 1.55	55.74 -4.19 0.00	43.58 -3.18 0.42
BARON_WINDS___WT_PWR 323822	43.64 -4.70 0.00	40.25 -4.75 0.00	38.06 -4.41 0.00	31.69 -4.05 2.92	31.05 -3.27 0.00	38.24 -3.20 0.00	57.21 -6.19 0.00	54.19 -7.99 10.18	60.98 -7.70 0.00	-8.15 -6.01 59.86	25.91 -5.88 20.90	-15.38 -6.67 69.86	10.01 -7.41 49.60	16.14 -5.89 31.25	19.49 -10.48 79.31	50.14 -8.85 28.56	19.77 -9.19 59.97	54.03 -9.47 33.65	69.06 -7.21 7.02	46.52 -6.81 20.44	60.41 -7.48 9.01	61.73 -6.72 3.24	54.55 -5.38 0.00	42.13 -4.17 0.87
BARRETT_IC_1 23704	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_10 23701	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_11 23702	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_12 23703	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_2 23705	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_3 23706	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_4 23707	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_5 23708	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00

BARRETT_IC_6 23709	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_7 23710	50.59 2.26 0.00	47.03 2.03 0.00	44.17 1.71 0.00	40.25 1.60 0.00	35.62 1.30 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.81 2.45 0.00	71.00 2.32 0.00	59.57 1.84 0.00	55.07 2.38 0.00	64.36 3.21 0.00	71.43 3.48 -0.94	56.69 2.86 -0.54	112.76 3.47 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.64 -0.01	79.14 2.24 0.00	73.58 1.90 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_8 23711	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT_IC_9 23700	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT___1 23545	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BARRETT___2 23546	50.59 2.26 0.00	47.02 2.03 0.00	44.17 1.70 0.00	40.25 1.59 0.00	35.61 1.29 0.00	42.91 1.48 0.00	65.58 2.19 0.00	74.82 2.46 0.00	71.01 2.32 0.00	59.60 1.87 0.00	55.07 2.39 0.00	64.40 3.25 0.00	71.47 3.51 -0.94	56.69 2.87 -0.54	112.82 3.53 0.00	90.47 2.92 0.00	91.86 2.93 0.00	100.99 3.82 -0.02	87.62 3.19 -1.14	76.42 2.65 -0.01	79.14 2.24 0.00	73.58 1.89 0.00	61.72 1.79 0.00	48.40 1.23 0.00
BATAVIA__115KV_TB1 55881	45.58 -2.76 0.00	42.03 -2.96 0.00	39.67 -2.79 0.00	34.92 -2.79 0.94	32.13 -2.18 0.00	39.39 -2.05 0.00	59.43 -3.96 0.00	64.13 -4.53 3.70	64.76 -3.93 0.00	33.45 -2.65 21.62	42.89 -3.12 6.67	38.25 -3.91 18.98	45.09 -3.91 18.03	38.57 -3.23 11.48	74.37 -5.80 29.12	72.29 -5.04 10.22	62.69 -4.84 21.39	80.09 -5.08 11.98	77.03 -3.78 2.48	63.30 -3.24 7.23	69.92 -3.79 3.18	67.02 -3.52 1.15	57.49 -2.44 0.00	45.32 -1.54 0.31
BAYONEEC___CTG1 323682	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BAYONEEC___CTG10 323750	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BAYONEEC___CTG2 323683	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BAYONEEC___CTG3 323684	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BAYONEEC___CTG4 323685	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BAYONEEC___CTG5 323686	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BAYONEEC___CTG6 323687	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BAYONEEC___CTG7 323688	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00

BAYONEEC___CTG8 323689	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BAYONEEC___CTG9 323749	50.77 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.43 3.03 0.00	75.90 3.54 0.00	71.71 3.03 0.00	60.39 2.67 0.00	55.56 2.87 0.00	64.81 3.66 0.00	71.10 4.08 0.00	57.32 3.35 -0.69	114.89 5.60 0.00	91.81 4.26 0.00	93.22 4.30 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.62 2.72 0.00	74.03 2.34 0.00	61.91 1.98 0.00	48.61 1.43 0.00
BEACON___LESR 323632	49.62 1.28 0.00	46.26 1.27 0.00	43.76 1.29 0.00	39.99 1.34 0.00	35.42 1.10 0.00	42.75 1.31 0.00	64.78 1.38 0.00	74.16 1.80 0.00	70.23 1.55 0.00	58.96 1.24 0.00	53.72 1.03 0.00	62.63 1.48 0.00	68.43 1.42 0.00	54.59 1.31 0.00	111.19 1.91 0.00	89.01 1.45 0.00	90.32 1.39 0.00	98.83 1.68 0.00	84.67 1.39 0.00	74.94 1.17 0.00	78.10 1.21 0.00	72.69 1.00 0.00	60.58 0.65 0.00	47.67 0.50 0.00
BEAVER RIVER___HYD 24048	47.94 -0.40 0.00	44.85 -0.14 0.00	42.89 0.43 0.00	38.87 0.21 0.00	34.64 0.32 0.00	41.87 0.43 0.00	64.12 0.72 0.00	73.96 1.60 0.00	70.13 1.45 0.00	58.62 0.89 0.00	52.80 0.12 0.00	60.99 -0.16 0.00	66.83 -0.19 0.00	52.39 -0.89 0.00	108.92 -0.37 0.00	86.86 -0.69 0.00	89.75 0.82 0.00	97.05 -0.10 0.00	82.91 -0.37 0.00	74.71 0.94 0.00	78.10 1.20 0.00	72.06 0.38 0.00	59.98 0.05 0.00	47.21 0.04 0.00
BEEBEE_GT_13 23619	46.00 -2.34 0.00	42.57 -2.43 0.00	40.17 -2.30 0.00	35.72 -2.27 0.66	32.51 -1.81 0.00	39.71 -1.72 0.00	60.26 -3.14 0.00	66.17 -3.59 2.59	65.47 -3.22 0.00	40.66 -2.27 14.79	45.83 -2.43 4.42	46.93 -2.94 11.27	51.52 -3.08 12.41	42.84 -2.51 7.93	84.45 -4.70 20.14	76.40 -4.08 7.07	70.27 -3.96 14.70	84.75 -4.13 8.26	78.52 -3.06 1.70	66.10 -2.71 4.96	71.60 -3.11 2.19	68.05 -2.85 0.79	57.86 -2.07 0.00	45.55 -1.41 0.21
BENSHRST_27_KV_BENSHRST_1 355998	51.17 2.84 0.00	47.55 2.56 0.00	44.72 2.26 0.00	40.75 2.10 0.00	36.16 1.84 0.00	43.63 2.20 0.00	66.91 3.52 0.00	76.48 4.12 0.00	72.31 3.62 0.00	60.81 3.09 0.00	56.00 3.32 0.00	65.15 4.00 0.00	71.59 4.58 0.00	57.78 3.82 -0.67	115.49 6.21 0.00	92.40 4.84 0.00	93.89 4.96 0.00	102.90 5.74 0.00	88.03 4.74 0.00	77.69 3.92 0.00	80.25 3.35 0.00	74.57 2.89 0.00	62.39 2.46 0.00	49.01 1.84 0.00
BETHLEHEM___GRP 23843	49.10 0.77 0.00	45.83 0.83 0.00	43.28 0.82 0.00	39.50 0.85 0.00	34.99 0.67 0.00	42.13 0.69 0.00	63.59 0.19 0.00	72.84 0.48 0.00	69.01 0.32 0.00	57.89 0.17 0.00	52.75 0.07 0.00	61.37 0.23 0.00	67.23 0.21 0.00	53.56 0.28 0.00	109.11 -0.18 0.00	87.33 -0.23 0.00	88.56 -0.37 0.00	96.82 -0.34 0.00	82.88 -0.41 0.00	73.37 -0.40 0.00	76.51 -0.39 0.00	71.35 -0.33 0.00	59.55 -0.38 0.00	46.92 -0.25 0.00
BETHLEHEM___GS1 323560	49.10 0.76 0.00	45.82 0.83 0.00	43.26 0.79 0.00	39.50 0.85 0.00	34.99 0.67 0.00	42.12 0.68 0.00	63.58 0.18 0.00	72.85 0.49 0.00	69.01 0.33 0.00	57.92 0.20 0.00	52.75 0.06 0.00	61.38 0.23 0.00	67.24 0.22 0.00	53.58 0.30 0.00	109.14 -0.15 0.00	87.33 -0.23 0.00	88.57 -0.36 0.00	96.81 -0.34 0.00	82.88 -0.41 0.00	73.37 -0.40 0.00	76.51 -0.38 0.00	71.36 -0.33 0.00	59.55 -0.38 0.00	46.92 -0.25 0.00
BETHLEHEM___GS2 323561	49.10 0.76 0.00	45.82 0.83 0.00	43.26 0.79 0.00	39.50 0.85 0.00	34.99 0.67 0.00	42.12 0.68 0.00	63.58 0.18 0.00	72.85 0.49 0.00	69.01 0.33 0.00	57.92 0.20 0.00	52.75 0.06 0.00	61.38 0.23 0.00	67.24 0.22 0.00	53.58 0.30 0.00	109.14 -0.15 0.00	87.33 -0.23 0.00	88.57 -0.36 0.00	96.81 -0.34 0.00	82.88 -0.41 0.00	73.37 -0.40 0.00	76.51 -0.38 0.00	71.36 -0.33 0.00	59.55 -0.38 0.00	46.92 -0.25 0.00
BETHLEHEM___GS3 323562	49.10 0.76 0.00	45.82 0.83 0.00	43.26 0.79 0.00	39.50 0.85 0.00	34.99 0.67 0.00	42.12 0.68 0.00	63.58 0.18 0.00	72.85 0.49 0.00	69.01 0.33 0.00	57.92 0.20 0.00	52.75 0.06 0.00	61.38 0.23 0.00	67.24 0.22 0.00	53.58 0.30 0.00	109.14 -0.15 0.00	87.33 -0.23 0.00	88.57 -0.36 0.00	96.81 -0.34 0.00	82.88 -0.41 0.00	73.37 -0.40 0.00	76.51 -0.38 0.00	71.36 -0.33 0.00	59.55 -0.38 0.00	46.92 -0.25 0.00
BETHLEHEM___STEEL 23779	44.29 -4.04 0.00	40.83 -4.17 0.00	38.57 -3.89 0.00	33.60 -3.79 1.27	31.20 -3.12 0.00	38.29 -3.14 0.00	57.56 -5.84 0.00	60.42 -6.95 4.98	62.24 -6.44 0.00	23.55 -4.51 29.67	38.78 -4.73 9.17	28.81 -5.45 26.89	36.63 -5.84 24.55	32.87 -4.79 15.62	60.17 -9.50 39.61	65.46 -8.20 13.89	51.67 -8.12 29.14	72.27 -8.59 16.30	73.42 -6.48 3.39	58.13 -5.77 9.86	66.24 -6.32 4.34	64.49 -5.64 1.56	55.80 -4.13 0.00	43.87 -2.88 0.42
BETHLHEM_115KV_TB1 79974	49.14 0.80 0.00	45.87 0.88 0.00	43.31 0.85 0.00	39.51 0.86 0.00	35.00 0.68 0.00	42.15 0.71 0.00	63.74 0.34 0.00	72.98 0.62 0.00	69.14 0.46 0.00	58.02 0.29 0.00	52.91 0.22 0.00	61.55 0.40 0.00	67.42 0.40 0.00	53.71 0.43 0.00	109.44 0.16 0.00	87.58 0.02 0.00	88.82 -0.11 0.00	97.11 -0.04 0.00	83.14 -0.15 0.00	73.59 -0.17 0.00	76.74 -0.15 0.00	71.56 -0.12 0.00	59.74 -0.19 0.00	47.05 -0.12 0.00
BETHPAGE_CC_5 323564	50.92 2.59 0.00	47.28 2.28 0.00	44.38 1.92 0.00	40.46 1.80 0.00	35.80 1.48 0.00	43.18 1.74 0.00	66.03 2.63 0.00	75.35 2.99 0.00	71.60 2.92 0.00	60.09 2.36 0.00	55.41 2.73 0.00	64.91 3.76 0.00	72.21 4.09 -1.10	57.25 3.33 -0.63	113.78 4.50 0.00	91.30 3.75 0.00	92.75 3.82 0.00	102.09 4.92 -0.02	88.75 4.05 -1.42	77.07 3.29 -0.01	79.63 2.72 0.00	73.99 2.30 0.00	62.20 2.27 0.00	48.71 1.54 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.40 -3.93 0.00	40.93 -4.06 0.00	38.67 -3.80 0.00	33.70 -3.68 1.28	31.30 -3.01 0.00	38.39 -3.05 0.00	57.73 -5.67 0.00	60.72 -6.54 5.09	62.58 -6.10 0.00	23.09 -4.19 30.44	38.94 -4.40 9.34	28.89 -5.07 27.18	36.45 -5.45 25.12	32.81 -4.62 15.85	59.98 -9.10 40.21	65.54 -7.93 14.08	51.53 -7.86 29.53	72.41 -8.22 16.52	73.68 -6.17 3.43	58.25 -5.52 10.00	66.41 -6.09 4.40	64.65 -5.44 1.58	55.96 -3.97 0.00	43.98 -2.77 0.43
BINGHAMTON___COGEN 23790	47.77 -0.56 0.00	44.43 -0.57 0.00	41.95 -0.52 0.00	37.90 -0.53 0.22	33.86 -0.46 0.00	41.05 -0.39 0.00	62.64 -0.76 0.00	69.95 -0.88 1.53	67.78 -0.91 0.00	52.50 -0.62 4.60	50.57 -0.54 1.57	58.24 -0.59 2.32	62.71 -0.75 3.56	50.37 -0.62 2.29	102.24 -1.27 5.79	82.95 -1.14 3.46	76.92 -1.16 10.85	90.07 -1.00 6.08	81.46 -0.55 1.27	69.43 -0.62 3.71	74.40 -0.86 1.63	70.22 -0.88 0.59	59.30 -0.63 0.00	46.48 -0.53 0.16

BIXINCNT_115KV_LOAD 355685	44.28 -4.06 0.00	41.00 -3.99 0.00	38.75 -3.71 0.00	33.92 -3.41 1.33	31.67 -2.65 0.00	38.22 -3.22 0.00	57.15 -6.25 0.00	59.86 -7.12 5.38	61.58 -7.10 0.00	20.33 -4.97 32.42	37.97 -4.92 9.79	27.37 -5.77 28.01	34.25 -6.10 26.67	31.76 -4.62 16.91	57.90 -8.52 42.87	64.19 -8.43 14.93	48.77 -8.87 31.29	71.72 -7.92 17.51	74.32 -5.33 3.64	58.18 -4.98 10.60	66.31 -5.92 4.67	64.67 -5.34 1.68	56.08 -3.85 0.00	43.94 -2.78 0.45
BLACK RIVER___HYD 24047	47.34 -1.00 0.00	44.27 -0.73 0.00	42.47 0.01 0.00	38.52 -0.13 0.00	34.32 0.00 0.00	41.57 0.13 0.00	63.61 0.22 0.00	73.31 0.95 0.00	69.47 0.79 0.00	57.96 0.24 0.00	52.13 -0.56 0.00	60.23 -0.92 0.00	66.02 -1.00 0.00	51.63 -1.66 0.00	108.04 -1.25 0.00	86.43 -1.12 0.00	89.97 1.04 0.00	97.14 -0.02 0.00	82.98 -0.30 0.00	74.96 1.19 0.00	78.15 1.25 0.00	71.66 -0.02 0.00	59.58 -0.35 0.00	46.86 -0.31 0.00
BLACKRVR_115KV_TB2 79977	47.34 -1.00 0.00	44.27 -0.73 0.00	42.47 0.01 0.00	38.52 -0.13 0.00	34.32 0.00 0.00	41.57 0.13 0.00	63.61 0.22 0.00	73.31 0.95 0.00	69.47 0.79 0.00	57.97 0.24 0.00	52.13 -0.55 0.00	60.24 -0.91 0.00	66.02 -1.00 0.00	51.63 -1.66 0.00	108.04 -1.25 0.00	86.44 -1.11 0.00	89.97 1.05 0.00	97.13 -0.02 0.00	82.98 -0.31 0.00	74.96 1.19 0.00	78.15 1.25 0.00	71.67 -0.02 0.00	59.57 -0.36 0.00	46.86 -0.31 0.00
BLDWN_LI_69_KV_BK4 356085	50.97 2.64 0.00	47.34 2.34 0.00	44.45 1.99 0.00	40.50 1.84 0.00	35.85 1.54 0.00	43.25 1.81 0.00	66.13 2.73 0.00	75.34 2.98 0.00	71.73 3.04 0.00	60.13 2.40 0.00	55.51 2.82 0.00	64.93 3.78 0.00	72.33 4.09 -1.22	57.28 3.29 -0.70	113.52 4.23 0.00	91.04 3.48 0.00	92.42 3.49 0.00	102.01 4.84 -0.02	88.87 4.02 -1.56	77.10 3.32 -0.01	79.75 2.84 0.00	74.22 2.54 0.00	62.35 2.42 0.00	48.83 1.66 0.00
BLISS_WT_PWR 323608	44.04 -4.29 0.00	40.85 -4.15 0.00	38.59 -3.87 0.00	33.82 -3.51 1.33	31.63 -2.69 0.00	38.00 -3.44 0.00	56.72 -6.68 0.00	59.37 -7.61 5.38	61.06 -7.63 0.00	19.76 -5.55 32.42	37.55 -5.35 9.79	26.79 -6.35 28.01	33.65 -6.70 26.67	31.40 -4.97 16.91	57.51 -8.92 42.87	63.68 -8.94 14.93	48.14 -9.50 31.29	71.50 -8.14 17.51	74.27 -5.37 3.64	58.04 -5.12 10.60	66.10 -6.12 4.67	64.48 -5.53 1.68	55.94 -4.00 0.00	43.79 -2.93 0.45
BLUESTONE___WT_PWR 323821	47.36 -0.97 0.00	44.21 -0.79 0.00	41.82 -0.65 0.00	38.33 -0.89 -0.57	33.68 -0.64 0.00	41.07 -0.37 0.00	63.12 -0.27 0.00	77.63 0.92 -4.36	69.55 0.87 0.00	75.67 0.37 -17.58	58.29 0.33 -5.28	71.43 -0.52 -10.80	76.69 -1.11 -10.78	58.99 -1.17 -6.88	126.10 -0.63 -17.45	93.12 -0.56 -6.13	100.10 -1.52 -12.70	104.74 0.44 -7.14	86.16 1.39 -1.49	78.83 0.72 -4.34	78.15 -0.66 -1.91	71.00 -1.37 -0.69	58.35 -1.58 0.00	46.17 -1.19 -0.19
BLUE_CIRC_CHEM_DRP 24182	49.48 1.15 0.00	46.19 1.19 0.00	43.60 1.14 0.00	39.76 1.11 0.00	35.21 0.89 0.00	42.45 1.01 0.00	64.42 1.03 0.00	73.65 1.30 0.00	69.77 1.09 0.00	58.58 0.85 0.00	53.44 0.76 0.00	62.14 1.00 0.00	68.06 1.04 0.00	54.24 0.96 0.00	110.64 1.35 0.00	88.51 0.95 0.00	89.84 0.91 0.00	98.23 1.07 0.00	84.13 0.84 0.00	74.49 0.72 0.00	77.67 0.77 0.00	72.43 0.74 0.00	60.51 0.57 0.00	47.63 0.46 0.00
BOC_GAS_DRP 24189	49.17 0.83 0.00	45.89 0.89 0.00	43.31 0.84 0.00	39.47 0.82 0.00	34.95 0.64 0.00	42.13 0.69 0.00	64.06 0.66 0.00	73.25 0.89 0.00	69.41 0.73 0.00	58.31 0.59 0.00	53.28 0.59 0.00	61.97 0.82 0.00	67.87 0.86 0.00	54.05 0.77 0.00	110.23 0.95 0.00	88.18 0.63 0.00	89.43 0.51 0.00	97.80 0.64 0.00	83.76 0.47 0.00	74.14 0.37 0.00	77.26 0.36 0.00	72.03 0.35 0.00	60.22 0.28 0.00	47.37 0.20 0.00
BOONVILLE_115KV_TB1 79983	48.77 0.43 0.00	45.59 0.59 0.00	43.29 0.83 0.00	39.30 0.65 0.00	35.00 0.68 0.00	42.33 0.89 0.00	64.87 1.48 0.00	75.22 2.86 0.00	71.34 2.66 0.00	59.84 2.12 0.00	53.77 1.08 0.00	62.26 1.11 0.00	67.94 0.92 0.00	53.71 0.43 0.00	110.94 1.66 0.00	88.71 1.16 0.00	90.90 1.97 0.00	98.89 1.74 0.00	84.65 1.36 0.00	75.54 1.77 0.00	78.72 1.82 0.00	72.87 1.19 0.00	60.76 0.83 0.00	47.75 0.58 0.00
BORALEX_4TH_BRANCH 23824	50.22 1.88 0.00	46.73 1.73 0.00	44.08 1.62 0.00	40.38 1.73 0.00	35.79 1.47 0.00	43.18 1.73 0.00	65.28 1.88 0.00	74.85 2.49 0.00	70.97 2.28 0.00	59.68 1.96 0.00	54.53 1.85 0.00	63.61 2.46 0.00	69.53 2.51 0.00	55.41 2.13 0.00	112.60 3.31 0.00	89.98 2.43 0.00	91.16 2.23 0.00	99.51 2.36 0.00	85.16 1.87 0.00	75.42 1.65 0.00	79.13 2.23 0.00	74.06 2.37 0.00	61.68 1.75 0.00	48.41 1.23 0.00
BOWLINE___1 23526	50.23 1.89 0.00	46.72 1.72 0.00	43.99 1.53 0.00	40.05 1.40 0.00	35.51 1.19 0.00	42.90 1.46 0.00	65.84 2.44 0.00	75.10 2.75 0.00	71.02 2.34 0.00	59.72 1.99 0.00	54.89 2.20 0.00	63.88 2.73 0.00	70.14 3.13 0.00	55.84 2.56 0.00	113.49 4.20 0.00	90.73 3.18 0.00	92.21 3.28 0.00	101.06 3.91 0.00	86.51 3.23 0.00	76.48 2.71 0.00	79.19 2.29 0.00	73.67 1.99 0.00	61.61 1.68 0.00	48.31 1.14 0.00
BOWLINE___2 23595	50.23 1.89 0.00	46.72 1.72 0.00	43.99 1.53 0.00	40.05 1.40 0.00	35.51 1.19 0.00	42.90 1.46 0.00	65.84 2.44 0.00	75.10 2.75 0.00	71.02 2.34 0.00	59.71 1.99 0.00	54.87 2.18 0.00	63.86 2.71 0.00	70.13 3.11 0.00	55.82 2.54 0.00	113.45 4.16 0.00	90.71 3.16 0.00	92.19 3.27 0.00	101.05 3.90 0.00	86.48 3.19 0.00	76.45 2.68 0.00	79.17 2.27 0.00	73.67 1.98 0.00	61.58 1.65 0.00	48.30 1.13 0.00
BRADY___115KV_TB2 356060	50.13 1.79 0.00	46.55 1.55 0.00	43.96 1.49 0.00	39.95 1.29 0.00	35.58 1.26 0.00	43.01 1.57 0.00	66.14 2.75 0.00	75.46 3.10 0.00	71.63 2.95 0.00	59.96 2.24 0.00	54.48 1.79 0.00	62.89 1.75 0.00	69.00 1.98 0.00	54.90 1.62 0.00	112.69 3.40 0.00	90.53 2.98 0.00	91.85 2.93 0.00	100.01 2.85 0.00	85.82 2.53 0.00	76.27 2.50 0.00	79.93 3.04 0.00	74.79 3.11 0.00	62.43 2.50 0.00	49.19 2.01 0.00
BRANSCOMB___SOLAR 323811	50.19 1.85 0.00	46.71 1.71 0.00	44.02 1.56 0.00	40.22 1.57 0.00	35.68 1.36 0.00	43.12 1.69 0.00	65.60 2.20 0.00	75.14 2.78 0.00	71.18 2.49 0.00	59.72 2.00 0.00	54.52 1.83 0.00	63.41 2.26 0.00	69.47 2.45 0.00	55.38 2.10 0.00	112.77 3.48 0.00	90.22 2.66 0.00	91.69 2.77 0.00	100.28 3.13 0.00	85.88 2.60 0.00	76.05 2.28 0.00	79.59 2.69 0.00	74.23 2.55 0.00	61.81 1.88 0.00	48.51 1.33 0.00
BRDGHMPT_69_KV_BK1 55812	50.46 2.12 0.00	46.72 1.72 0.00	43.84 1.37 0.00	40.00 1.34 0.00	35.42 1.10 0.00	42.71 1.27 0.00	74.57 1.84 -9.33	86.21 2.06 -11.79	81.87 2.08 -11.10	68.19 1.80 -8.66	55.10 2.01 -0.40	66.36 3.12 -2.10	74.94 3.51 -4.42	57.07 3.02 -0.77	122.39 3.00 -10.10	98.60 3.17 -7.87	107.30 3.73 -14.64	118.42 4.83 -16.44	102.31 4.02 -15.01	88.50 3.10 -11.64	92.27 2.36 -13.01	86.10 1.72 -12.70	70.33 1.65 -8.75	48.21 1.03 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	51.33 2.99 0.00	47.62 2.62 0.00	44.68 2.22 0.00	40.75 2.09 0.00	36.04 1.72 0.00	43.43 1.99 0.00	74.52 3.01 -8.11	85.91 3.31 -10.25	81.74 3.41 -9.65	68.08 2.83 -7.53	56.07 3.03 -0.35	67.21 4.23 -1.83	75.77 4.76 -3.99	57.76 3.73 -0.75	123.39 5.33 -8.78	98.88 4.48 -6.84	106.38 4.73 -12.73	117.37 5.92 -14.29	101.42 4.90 -13.24	87.87 3.98 -10.12	91.58 3.37 -11.31	85.53 2.80 -11.04	70.29 2.76 -7.61	49.02 1.85 0.00
BRISTLHL_115KV_TB1 79998	46.36 -1.98 0.00	43.16 -1.84 0.00	40.74 -1.72 0.00	37.08 -1.58 0.00	32.97 -1.35 0.00	39.87 -1.57 0.00	60.90 -2.50 0.00	69.61 -2.75 0.00	66.08 -2.60 0.00	55.60 -2.13 0.00	50.76 -1.93 0.00	58.80 -2.34 0.00	64.40 -2.61 0.00	51.33 -1.96 0.00	105.88 -3.41 0.00	84.76 -2.79 0.00	86.21 -2.72 0.00	94.27 -2.88 0.00	80.93 -2.36 0.00	71.68 -2.08 0.00	74.57 -2.33 0.00	69.42 -2.26 0.00	58.01 -1.92 0.00	45.65 -1.52 0.00
BROOKHAVEN___DRP 24191	50.76 2.43 0.00	47.07 2.07 0.00	44.15 1.69 0.00	40.27 1.61 0.00	35.64 1.33 0.00	42.93 1.49 0.00	74.97 2.09 -9.48	86.63 2.30 -11.97	82.24 2.28 -11.27	68.42 1.90 -8.80	55.28 2.19 -0.41	66.47 3.19 -2.13	75.19 3.70 -4.47	57.15 3.10 -0.77	122.89 3.35 -10.26	98.71 3.16 -8.00	107.39 3.59 -14.87	118.64 4.79 -16.69	102.48 3.97 -15.22	88.70 3.11 -11.82	92.57 2.46 -13.21	86.51 1.93 -12.90	70.68 1.86 -8.89	48.50 1.32 0.00
BROOKLYN_NAVY_YARD 23515	50.66 2.32 0.00	47.06 2.07 0.00	44.29 1.83 0.00	40.37 1.71 0.00	35.83 1.51 0.00	43.26 1.82 0.00	66.31 2.91 0.00	75.81 3.45 0.00	71.60 2.92 0.00	60.27 2.54 0.00	55.43 2.75 0.00	64.68 3.53 0.00	70.99 3.97 0.00	57.19 3.22 -0.69	114.65 5.36 0.00	91.56 4.01 0.00	92.99 4.06 0.00	101.82 4.66 0.00	87.14 3.85 0.00	76.88 3.11 0.00	79.42 2.51 0.00	73.82 2.14 0.00	61.71 1.77 0.00	48.43 1.26 0.00
BROOKLYN___ARMY_DRP 323595	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
BROOME_2_LFGE 323671	47.77 -0.56 0.00	44.43 -0.56 0.00	41.95 -0.52 0.00	37.90 -0.53 0.22	33.86 -0.46 0.00	41.05 -0.39 0.00	62.64 -0.76 0.00	69.94 -0.89 1.53	67.77 -0.91 0.00	52.46 -0.66 4.60	50.56 -0.55 1.57	58.22 -0.61 2.32	62.67 -0.78 3.56	50.33 -0.65 2.29	102.19 -1.31 5.79	82.93 -1.16 3.46	76.90 -1.17 10.85	90.06 -1.02 6.08	81.46 -0.55 1.27	69.43 -0.63 3.71	74.40 -0.87 1.63	70.22 -0.87 0.59	59.29 -0.64 0.00	46.48 -0.54 0.16
BROOME___LFGE 323600	47.77 -0.56 0.00	44.43 -0.56 0.00	41.95 -0.52 0.00	37.90 -0.53 0.22	33.86 -0.46 0.00	41.05 -0.39 0.00	62.64 -0.76 0.00	69.94 -0.89 1.53	67.77 -0.91 0.00	52.46 -0.66 4.60	50.56 -0.55 1.57	58.22 -0.61 2.32	62.67 -0.78 3.56	50.33 -0.65 2.29	102.19 -1.31 5.79	82.93 -1.16 3.46	76.90 -1.17 10.85	90.06 -1.02 6.08	81.46 -0.55 1.27	69.43 -0.63 3.71	74.40 -0.87 1.63	70.22 -0.87 0.59	59.29 -0.64 0.00	46.48 -0.54 0.16
BROWNFLS_115KV_TB 3_5 80003	48.46 0.12 0.00	45.20 0.21 0.00	43.01 0.54 0.00	39.02 0.36 0.00	34.75 0.43 0.00	41.94 0.50 0.00	64.38 0.99 0.00	73.92 1.56 0.00	70.15 1.47 0.00	58.69 0.96 0.00	53.12 0.43 0.00	61.36 0.22 0.00	67.28 0.26 0.00	53.05 -0.23 0.00	109.60 0.32 0.00	87.37 -0.18 0.00	89.30 0.37 0.00	96.68 -0.47 0.00	82.75 -0.54 0.00	74.26 0.49 0.00	77.96 1.07 0.00	72.62 0.94 0.00	60.52 0.59 0.00	47.65 0.48 0.00
BROWNSV1_27_KV_LOAD 356125	51.16 2.82 0.00	47.51 2.51 0.00	44.71 2.25 0.00	40.73 2.07 0.00	36.14 1.82 0.00	43.64 2.21 0.00	66.95 3.55 0.00	76.53 4.17 0.00	72.36 3.68 0.00	60.89 3.17 0.00	56.03 3.34 0.00	65.36 4.21 0.00	71.71 4.70 0.00	57.80 3.84 -0.68	115.87 6.59 0.00	92.64 5.08 0.00	94.07 5.14 0.00	103.06 5.91 0.00	88.19 4.91 0.00	77.84 4.07 0.00	80.41 3.51 0.00	74.72 3.04 0.00	62.46 2.53 0.00	49.02 1.85 0.00
BURROWS___LYONSDAL 23803	48.49 0.15 0.00	45.37 0.38 0.00	43.18 0.72 0.00	39.17 0.52 0.00	34.90 0.58 0.00	42.20 0.76 0.00	64.64 1.24 0.00	74.90 2.54 0.00	71.04 2.36 0.00	59.53 1.81 0.00	53.49 0.81 0.00	61.87 0.73 0.00	67.61 0.59 0.00	53.31 0.02 0.00	110.34 1.05 0.00	88.14 0.58 0.00	90.55 1.63 0.00	98.35 1.20 0.00	84.11 0.83 0.00	75.31 1.54 0.00	78.50 1.60 0.00	72.55 0.87 0.00	60.47 0.54 0.00	47.53 0.35 0.00
CAITHNESS_CC_1 323624	50.68 2.35 0.00	47.01 2.01 0.00	44.10 1.64 0.00	40.20 1.55 0.00	35.58 1.27 0.00	42.85 1.41 0.00	74.96 1.96 -9.61	86.64 2.15 -12.13	82.24 2.13 -11.43	68.45 1.81 -8.91	55.22 2.12 -0.41	66.47 3.16 -2.16	75.17 3.63 -4.52	57.10 3.04 -0.77	122.96 3.28 -10.39	98.63 2.98 -8.10	107.37 3.37 -15.07	118.57 4.50 -16.92	102.41 3.72 -15.41	88.66 2.91 -11.98	92.54 2.25 -13.39	86.52 1.76 -13.08	70.69 1.75 -9.01	48.40 1.23 0.00
CALPINE BETH_PAGE_GT4 24209	50.83 2.50 0.00	47.20 2.20 0.00	44.32 1.85 0.00	40.39 1.74 0.00	35.75 1.43 0.00	43.11 1.67 0.00	65.95 2.56 0.00	75.24 2.88 0.00	71.49 2.81 0.00	59.98 2.26 0.00	55.34 2.66 0.00	64.76 3.61 0.00	72.11 3.93 -1.17	57.16 3.21 -0.67	113.53 4.24 0.00	91.09 3.54 0.00	92.40 3.47 0.00	101.75 4.58 -0.02	88.55 3.75 -1.51	76.81 3.03 -0.01	79.36 2.46 0.00	73.78 2.10 0.00	62.10 2.17 0.00	48.63 1.46 0.00
CALPINE_BETH_PAGE_GT_4 323586	50.83 2.50 0.00	47.20 2.20 0.00	44.32 1.85 0.00	40.39 1.74 0.00	35.75 1.43 0.00	43.11 1.67 0.00	65.95 2.56 0.00	75.24 2.88 0.00	71.48 2.80 0.00	60.00 2.28 0.00	55.35 2.66 0.00	64.81 3.66 0.00	72.15 3.97 -1.17	57.19 3.24 -0.67	113.59 4.30 0.00	91.10 3.54 0.00	92.42 3.49 0.00	101.73 4.56 -0.02	88.55 3.75 -1.51	76.80 3.03 -0.01	79.35 2.45 0.00	73.78 2.10 0.00	62.12 2.19 0.00	48.63 1.46 0.00
CALPINE_BP_GT1 23823	50.83 2.50 0.00	47.20 2.20 0.00	44.32 1.85 0.00	40.39 1.74 0.00	35.75 1.43 0.00	43.11 1.67 0.00	65.95 2.56 0.00	75.24 2.88 0.00	71.48 2.80 0.00	60.00 2.28 0.00	55.35 2.66 0.00	64.81 3.66 0.00	72.15 3.97 -1.17	57.19 3.24 -0.67	113.59 4.30 0.00	91.10 3.54 0.00	92.42 3.49 0.00	101.73 4.56 -0.02	88.55 3.75 -1.51	76.80 3.03 -0.01	79.35 2.45 0.00	73.78 2.10 0.00	62.12 2.19 0.00	48.63 1.46 0.00
CALSPAN___DRP 24200	44.29 -4.04 0.00	40.83 -4.17 0.00	38.57 -3.89 0.00	33.60 -3.79 1.27	31.20 -3.12 0.00	38.29 -3.14 0.00	57.56 -5.84 0.00	60.42 -6.95 4.98	62.24 -6.44 0.00	23.55 -4.51 29.67	38.78 -4.73 9.17	28.81 -5.45 26.89	36.63 -5.84 24.55	32.87 -4.79 15.62	60.17 -9.50 39.61	65.46 -8.20 13.89	51.67 -8.12 29.14	72.27 -8.59 16.30	73.42 -6.48 3.39	58.13 -5.77 9.86	66.24 -6.32 4.34	64.49 -5.64 1.56	55.80 -4.13 0.00	43.87 -2.88 0.42

CALVERTON___SOLAR 323806	50.81 2.47 0.00	47.10 2.10 0.00	44.19 1.72 0.00	40.30 1.64 0.00	35.68 1.36 0.00	42.98 1.54 0.00	75.00 2.18 -9.43	86.67 2.40 -11.91	82.27 2.38 -11.21	68.49 2.02 -8.75	55.34 2.25 -0.41	66.59 3.33 -2.12	75.34 3.86 -4.45	57.25 3.20 -0.77	123.02 3.54 -10.20	98.81 3.31 -7.95	107.53 3.81 -14.79	118.78 5.02 -16.60	102.61 4.17 -15.15	88.82 3.30 -11.75	92.67 2.64 -13.14	86.59 2.07 -12.83	70.75 1.98 -8.84	48.56 1.38 0.00
CANDIGU_WT_PWR 323617	43.64 -4.70 0.00	40.25 -4.75 0.00	38.06 -4.41 0.00	31.69 -4.05 2.92	31.05 -3.27 0.00	38.24 -3.20 0.00	57.21 -6.19 0.00	54.19 -7.99 10.18	60.98 -7.70 0.00	-8.15 -6.01 59.86	25.91 -5.88 20.90	-15.38 -6.67 69.86	10.01 -7.41 49.60	16.14 -5.89 31.25	19.49 -10.48 79.31	50.14 -8.85 28.56	19.77 -9.19 59.97	54.03 -9.47 33.65	69.06 -7.21 7.02	46.52 -6.81 20.44	60.41 -7.48 9.01	61.73 -6.72 3.24	54.55 -5.38 0.00	42.13 -4.17 0.87
CARR STREET_E__SYR 24060	46.89 -1.45 0.00	43.61 -1.39 0.00	41.16 -1.31 0.00	37.45 -1.20 0.00	33.30 -1.02 0.00	40.32 -1.12 0.00	61.55 -1.85 0.00	70.33 -2.03 0.00	66.76 -1.93 0.00	56.20 -1.52 0.00	51.36 -1.33 0.00	59.55 -1.60 0.00	65.21 -1.81 0.00	51.90 -1.38 0.00	107.04 -2.25 0.00	85.69 -1.86 0.00	87.07 -1.85 0.00	95.24 -1.91 0.00	81.76 -1.52 0.00	72.36 -1.40 0.00	75.27 -1.63 0.00	70.08 -1.61 0.00	58.59 -1.34 0.00	46.12 -1.06 0.00
CARTHAGE___PAPER 23857	48.06 -0.27 0.00	44.95 -0.04 0.00	43.04 0.58 0.00	39.01 0.35 0.00	34.77 0.45 0.00	42.07 0.63 0.00	64.47 1.07 0.00	74.31 1.96 0.00	70.45 1.77 0.00	58.82 1.10 0.00	52.92 0.23 0.00	61.15 0.00 0.00	66.97 -0.05 0.00	52.43 -0.85 0.00	109.35 0.07 0.00	87.28 -0.28 0.00	90.58 1.66 0.00	97.92 0.77 0.00	83.66 0.38 0.00	75.48 1.71 0.00	78.80 1.90 0.00	72.48 0.80 0.00	60.29 0.36 0.00	47.42 0.25 0.00
CASSADAGA_WT_PWR 323784	43.79 -4.55 0.00	40.48 -4.51 0.00	38.52 -3.95 0.00	33.79 -3.57 1.30	30.77 -3.54 0.00	37.73 -3.71 0.00	57.12 -6.28 0.00	60.16 -6.96 5.24	62.67 -6.01 0.00	21.35 -4.64 31.73	38.21 -4.88 9.59	27.61 -6.29 27.25	34.62 -6.62 25.78	31.34 -5.53 16.41	55.83 -11.84 41.61	63.60 -9.45 14.50	48.80 -9.73 30.39	70.75 -9.40 17.01	72.72 -7.03 3.54	57.46 -6.02 10.29	65.90 -6.46 4.54	65.20 -4.85 1.63	56.36 -3.57 0.00	43.55 -3.18 0.44
CE_DUNWOOD___DRP 24194	50.47 2.13 0.00	46.93 1.94 0.00	44.18 1.71 0.00	40.24 1.58 0.00	35.68 1.36 0.00	43.08 1.64 0.00	66.05 2.65 0.00	75.42 3.06 0.00	71.34 2.66 0.00	59.99 2.27 0.00	55.15 2.46 0.00	64.31 3.16 0.00	70.49 3.48 0.00	56.13 2.84 0.00	113.98 4.69 0.00	91.16 3.61 0.00	92.62 3.69 0.00	101.50 4.35 0.00	86.87 3.59 0.00	76.76 2.99 0.00	79.46 2.56 0.00	73.89 2.20 0.00	61.78 1.85 0.00	48.48 1.30 0.00
CE_MILLWOOD___DRP 24193	50.39 2.06 0.00	46.87 1.87 0.00	44.13 1.66 0.00	40.19 1.53 0.00	35.64 1.32 0.00	43.03 1.59 0.00	65.98 2.59 0.00	75.33 2.97 0.00	71.24 2.56 0.00	59.92 2.19 0.00	55.07 2.38 0.00	64.20 3.05 0.00	70.36 3.34 0.00	56.02 2.74 0.00	113.78 4.50 0.00	91.03 3.48 0.00	92.47 3.54 0.00	101.35 4.20 0.00	86.78 3.49 0.00	76.67 2.90 0.00	79.39 2.49 0.00	73.82 2.14 0.00	61.73 1.80 0.00	48.42 1.25 0.00
CE_NYC2_DRP 24202	50.85 2.51 0.00	47.25 2.25 0.00	44.47 2.00 0.00	40.53 1.88 0.00	35.96 1.64 0.00	43.38 1.94 0.00	66.47 3.07 0.00	76.02 3.66 0.00	71.86 3.17 0.00	60.46 2.74 0.00	55.67 2.99 0.00	64.86 3.71 0.00	71.16 4.14 0.00	57.43 3.48 -0.67	114.95 5.66 0.00	91.89 4.33 0.00	93.27 4.34 0.00	102.18 5.02 0.00	87.40 4.11 0.00	77.09 3.33 0.00	79.63 2.73 0.00	74.01 2.33 0.00	61.90 1.97 0.00	48.63 1.46 0.00
CE_NYC_DRP 24195	50.83 2.49 0.00	47.22 2.22 0.00	44.43 1.97 0.00	40.48 1.83 0.00	35.90 1.59 0.00	43.36 1.92 0.00	66.48 3.09 0.00	75.98 3.62 0.00	71.81 3.13 0.00	60.44 2.72 0.00	55.65 2.97 0.00	64.91 3.76 0.00	71.21 4.19 0.00	57.24 3.45 -0.51	115.05 5.76 0.00	91.99 4.44 0.00	93.39 4.47 0.00	102.29 5.14 0.00	87.52 4.23 0.00	77.23 3.46 0.00	79.77 2.87 0.00	74.14 2.46 0.00	62.01 2.08 0.00	48.67 1.50 0.00
CHAFFEE___LFGE 323603	44.53 -3.80 0.00	41.04 -3.96 0.00	38.75 -3.71 0.00	33.73 -3.63 1.30	31.37 -2.95 0.00	38.51 -2.93 0.00	57.96 -5.43 0.00	60.69 -6.50 5.17	62.69 -5.99 0.00	22.46 -4.29 30.97	38.80 -4.42 9.46	28.57 -5.16 27.42	36.04 -5.42 25.56	32.58 -4.44 16.26	59.30 -8.75 41.23	65.53 -7.62 14.41	51.19 -7.53 30.21	72.31 -7.94 16.90	73.84 -5.93 3.51	58.22 -5.32 10.23	66.55 -5.84 4.51	64.81 -5.25 1.62	56.07 -3.86 0.00	44.02 -2.72 0.44
CHATEAUG_35_KV_LOAD 355732	49.21 0.87 0.00	45.74 0.74 0.00	43.23 0.76 0.00	39.32 0.66 0.00	34.97 0.66 0.00	42.29 0.85 0.00	65.05 1.65 0.00	74.15 1.80 0.00	70.43 1.75 0.00	58.95 1.23 0.00	53.51 0.83 0.00	61.81 0.67 0.00	67.81 0.79 0.00	53.78 0.49 0.00	110.54 1.25 0.00	88.74 1.18 0.00	90.41 1.48 0.00	98.44 1.29 0.00	84.51 1.22 0.00	74.96 1.19 0.00	78.43 1.53 0.00	73.14 1.45 0.00	61.08 1.14 0.00	48.11 0.94 0.00
CHATEAUG_WT_PWR 323614	49.02 0.68 0.00	45.58 0.58 0.00	43.08 0.62 0.00	39.19 0.53 0.00	34.85 0.53 0.00	42.14 0.70 0.00	64.77 1.38 0.00	73.83 1.48 0.00	70.14 1.46 0.00	58.73 1.01 0.00	53.35 0.67 0.00	61.68 0.53 0.00	67.63 0.61 0.00	53.64 0.36 0.00	110.17 0.88 0.00	88.50 0.95 0.00	90.05 1.13 0.00	98.04 0.89 0.00	84.14 0.85 0.00	74.62 0.85 0.00	78.09 1.20 0.00	72.82 1.14 0.00	60.82 0.89 0.00	47.92 0.75 0.00
CHAT_HIGH_FALL_HYD 323578	49.21 0.87 0.00	45.74 0.74 0.00	43.23 0.76 0.00	39.32 0.66 0.00	34.97 0.66 0.00	42.29 0.85 0.00	65.05 1.65 0.00	74.15 1.80 0.00	70.43 1.75 0.00	58.95 1.23 0.00	53.51 0.83 0.00	61.81 0.67 0.00	67.81 0.79 0.00	53.78 0.49 0.00	110.54 1.25 0.00	88.74 1.18 0.00	90.41 1.48 0.00	98.44 1.29 0.00	84.51 1.22 0.00	74.96 1.19 0.00	78.43 1.53 0.00	73.14 1.45 0.00	61.08 1.14 0.00	48.11 0.94 0.00
CHAUTAUQUA___LFGE 323629	43.99 -4.34 0.00	40.62 -4.38 0.00	38.52 -3.94 0.00	33.68 -3.71 1.27	30.94 -3.38 0.00	38.00 -3.44 0.00	57.43 -5.97 0.00	60.25 -6.99 5.12	62.75 -5.94 0.00	22.22 -4.54 30.97	38.68 -4.60 9.41	28.43 -5.93 26.79	35.61 -6.33 25.09	32.09 -5.23 15.97	57.70 -11.10 40.49	64.20 -9.22 14.14	49.97 -9.32 29.63	71.23 -9.35 16.58	73.05 -6.79 3.45	57.67 -6.06 10.03	66.04 -6.43 4.42	64.82 -5.27 1.59	56.08 -3.85 0.00	43.59 -3.16 0.43
CHERRYST_13_KV_LD 356241	50.94 2.60 0.00	47.32 2.32 0.00	44.52 2.06 0.00	40.57 1.91 0.00	35.99 1.67 0.00	43.45 2.01 0.00	66.66 3.26 0.00	76.18 3.82 0.00	72.02 3.34 0.00	60.62 2.90 0.00	55.81 3.13 0.00	65.10 3.96 0.00	71.43 4.41 0.00	57.40 3.61 -0.51	115.40 6.11 0.00	92.28 4.72 0.00	93.68 4.76 0.00	102.59 5.44 0.00	87.77 4.48 0.00	77.43 3.66 0.00	79.97 3.07 0.00	74.33 2.64 0.00	62.15 2.22 0.00	48.79 1.61 0.00

CHESTROR_138KV_BK263 355645	50.09 1.76 0.00	46.62 1.62 0.00	43.91 1.44 0.00	39.96 1.31 0.00	35.44 1.12 0.00	42.81 1.37 0.00	65.66 2.26 0.00	74.92 2.56 0.00	70.86 2.18 0.00	59.58 1.86 0.00	54.73 2.04 0.00	63.66 2.51 0.00	69.82 2.81 0.00	55.55 2.27 0.00	113.07 3.78 0.00	90.49 2.93 0.00	91.98 3.05 0.00	100.80 3.65 0.00	86.32 3.03 0.00	76.32 2.55 0.00	79.10 2.20 0.00	73.60 1.92 0.00	61.54 1.61 0.00	48.29 1.12 0.00
CH_MIDHUDSON___DRP 24192	50.37 2.04 0.00	46.86 1.86 0.00	44.14 1.67 0.00	40.19 1.54 0.00	35.64 1.32 0.00	43.02 1.58 0.00	65.93 2.53 0.00	75.30 2.94 0.00	71.27 2.58 0.00	59.93 2.21 0.00	55.03 2.35 0.00	64.13 2.98 0.00	70.26 3.25 0.00	55.96 2.68 0.00	113.72 4.43 0.00	91.03 3.47 0.00	92.45 3.53 0.00	101.32 4.17 0.00	86.77 3.49 0.00	76.68 2.91 0.00	79.48 2.58 0.00	73.92 2.23 0.00	61.78 1.84 0.00	48.47 1.30 0.00
CH_MISC_IPPS 23765	50.64 2.31 0.00	47.12 2.12 0.00	44.36 1.89 0.00	40.39 1.73 0.00	35.82 1.50 0.00	43.27 1.83 0.00	66.36 2.96 0.00	75.79 3.43 0.00	71.72 3.04 0.00	60.33 2.60 0.00	55.39 2.70 0.00	64.50 3.36 0.00	70.69 3.67 0.00	56.29 3.00 0.00	114.44 5.15 0.00	91.58 4.03 0.00	93.10 4.17 0.00	102.08 4.93 0.00	87.44 4.15 0.00	77.27 3.50 0.00	80.06 3.16 0.00	74.44 2.75 0.00	62.19 2.26 0.00	48.77 1.60 0.00
CH_RES_BVR_FALLS 23983	48.23 -0.11 0.00	45.02 0.03 0.00	42.46 0.00 0.00	38.61 -0.05 0.00	34.34 0.02 0.00	41.48 0.04 0.00	63.60 0.20 0.00	72.64 0.28 0.00	68.90 0.22 0.00	57.83 0.11 0.00	52.60 -0.09 0.00	60.81 -0.34 0.00	66.74 -0.28 0.00	53.03 -0.25 0.00	108.81 -0.47 0.00	87.50 -0.06 0.00	88.75 -0.18 0.00	96.63 -0.52 0.00	83.03 -0.26 0.00	73.89 0.12 0.00	77.08 0.17 0.00	71.80 0.12 0.00	59.90 -0.03 0.00	47.20 0.03 0.00
CH_RES_NIAGARA 23895	43.27 -5.07 0.00	39.90 -5.10 0.00	37.67 -4.80 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.12 -8.99 4.25	60.35 -8.33 0.00	26.45 -6.12 25.16	38.60 -6.33 7.76	31.28 -7.40 22.47	38.21 -7.93 20.88	33.55 -6.44 13.28	62.29 -13.30 33.70	64.71 -11.04 11.80	53.11 -11.04 24.78	71.38 -11.92 13.85	71.05 -9.36 2.87	57.17 -8.23 8.36	64.38 -8.84 3.69	62.43 -7.93 1.33	54.26 -5.67 0.00	43.03 -3.79 0.36
CH_RES_SYRACUSE 23985	47.26 -1.07 0.00	43.96 -1.04 0.00	41.49 -0.97 0.00	37.76 -0.90 0.00	33.60 -0.72 0.00	40.68 -0.76 0.00	62.13 -1.27 0.00	70.98 -1.38 0.00	67.37 -1.31 0.00	61.23 -1.04 -4.55	53.14 -0.86 -1.32	60.06 -1.09 0.00	65.70 -1.32 0.00	52.30 -0.98 0.00	107.92 -1.36 0.00	86.98 -1.13 -0.56	92.78 -1.07 -4.92	98.92 -1.00 -2.77	83.15 -0.71 -0.58	74.75 -0.70 -1.68	76.76 -0.88 -0.74	70.96 -0.98 -0.27	59.13 -0.80 0.00	46.59 -0.66 -0.07
CLINTON_WT_PWR 323605	49.02 0.68 0.00	45.58 0.58 0.00	43.08 0.62 0.00	39.19 0.53 0.00	34.85 0.53 0.00	42.14 0.70 0.00	64.77 1.38 0.00	73.83 1.48 0.00	70.14 1.46 0.00	58.73 1.01 0.00	53.35 0.67 0.00	61.68 0.53 0.00	67.63 0.61 0.00	53.64 0.36 0.00	110.17 0.88 0.00	88.50 0.95 0.00	90.05 1.13 0.00	98.04 0.89 0.00	84.14 0.85 0.00	74.62 0.85 0.00	78.09 1.20 0.00	72.82 1.14 0.00	60.82 0.89 0.00	47.92 0.75 0.00
CLINTON___LFGE 323618	49.61 1.28 0.00	46.10 1.10 0.00	43.57 1.11 0.00	39.63 0.97 0.00	35.26 0.94 0.00	42.68 1.24 0.00	65.66 2.26 0.00	74.89 2.53 0.00	71.13 2.45 0.00	59.55 1.82 0.00	54.02 1.34 0.00	62.39 1.24 0.00	68.35 1.33 0.00	54.21 0.93 0.00	111.40 2.12 0.00	89.57 2.01 0.00	91.27 2.35 0.00	99.49 2.34 0.00	85.43 2.14 0.00	75.77 2.00 0.00	79.23 2.33 0.00	73.87 2.18 0.00	61.65 1.72 0.00	48.56 1.38 0.00
COBBLENY_34_KV_TB1 80064	44.53 -3.80 0.00	41.02 -3.97 0.00	38.75 -3.71 0.00	33.74 -3.62 1.30	31.37 -2.95 0.00	38.51 -2.93 0.00	57.96 -5.43 0.00	60.73 -6.46 5.17	62.69 -5.99 0.00	22.61 -4.14 30.97	38.86 -4.36 9.46	28.68 -5.05 27.42	36.14 -5.32 25.56	32.67 -4.35 16.26	59.40 -8.65 41.23	65.61 -7.54 14.41	51.23 -7.49 30.21	72.31 -7.94 16.90	73.86 -5.91 3.51	58.25 -5.29 10.23	66.57 -5.82 4.51	64.81 -5.25 1.62	56.08 -3.85 0.00	44.04 -2.70 0.44
COFFEEN___115KV_TB3 355620	47.54 -0.79 0.00	44.43 -0.57 0.00	42.59 0.13 0.00	38.63 -0.02 0.00	34.42 0.10 0.00	41.71 0.27 0.00	63.89 0.49 0.00	73.62 1.26 0.00	69.77 1.09 0.00	58.15 0.42 0.00	52.31 -0.37 0.00	60.45 -0.69 0.00	66.17 -0.85 0.00	51.72 -1.56 0.00	108.43 -0.86 0.00	86.83 -0.72 0.00	90.44 1.52 0.00	97.78 0.63 0.00	83.61 0.32 0.00	75.40 1.63 0.00	78.60 1.70 0.00	72.05 0.37 0.00	59.86 -0.07 0.00	47.06 -0.11 0.00
COLDSPRG_115KV_BK1 355956	45.36 -2.98 0.00	41.87 -3.13 0.00	39.70 -2.76 0.00	34.72 -2.60 1.34	31.99 -2.33 0.00	39.22 -2.22 0.00	59.30 -4.10 0.00	62.25 -4.67 5.43	64.48 -4.20 0.00	22.02 -2.77 32.93	39.82 -2.98 9.88	29.48 -3.69 27.97	36.19 -3.94 26.88	32.81 -3.37 17.11	58.74 -7.17 43.38	66.03 -6.44 15.08	50.66 -6.68 31.59	72.92 -6.55 17.68	75.00 -4.61 3.68	59.09 -3.97 10.70	67.74 -4.44 4.72	66.39 -3.60 1.70	57.43 -2.50 0.00	44.71 -2.00 0.46
COLONIE_LFGE___ 323577	49.68 1.34 0.00	46.29 1.29 0.00	43.65 1.19 0.00	39.89 1.23 0.00	35.34 1.03 0.00	42.64 1.20 0.00	64.74 1.34 0.00	74.14 1.79 0.00	70.25 1.56 0.00	59.01 1.29 0.00	53.89 1.21 0.00	62.72 1.58 0.00	68.65 1.64 0.00	54.71 1.43 0.00	111.38 2.09 0.00	89.10 1.55 0.00	90.39 1.46 0.00	98.81 1.66 0.00	84.58 1.29 0.00	74.93 1.16 0.00	78.33 1.43 0.00	73.09 1.41 0.00	60.95 1.02 0.00	47.89 0.71 0.00
COOPERNY_115KV_TB1 80082	49.66 1.32 0.00	46.23 1.23 0.00	43.57 1.11 0.00	39.65 1.00 0.00	35.15 0.83 0.00	42.47 1.03 0.00	65.07 1.68 0.00	74.26 1.90 0.00	70.31 1.63 0.00	59.12 1.39 0.00	54.21 1.53 0.00	63.02 1.87 0.00	69.09 2.07 0.00	54.98 1.70 0.00	112.05 2.77 0.00	89.68 2.13 0.00	91.16 2.23 0.00	99.83 2.68 0.00	85.54 2.25 0.00	75.65 1.88 0.00	78.53 1.63 0.00	73.10 1.41 0.00	61.12 1.19 0.00	47.99 0.82 0.00
COPENHAGEN_WT_PWR 323753	46.84 -1.50 0.00	43.86 -1.14 0.00	42.22 -0.25 0.00	38.29 -0.36 0.00	34.10 -0.22 0.00	41.30 -0.14 0.00	63.09 -0.31 0.00	72.61 0.26 0.00	68.86 0.18 0.00	57.49 -0.24 0.00	51.64 -1.05 0.00	59.68 -1.47 0.00	65.53 -1.48 0.00	51.17 -2.11 0.00	107.06 -2.23 0.00	85.73 -1.83 0.00	89.39 0.46 0.00	96.20 -0.95 0.00	82.09 -1.20 0.00	74.39 0.62 0.00	77.56 0.67 0.00	70.98 -0.70 0.00	59.02 -0.91 0.00	46.48 -0.70 0.00
CORNELL_____ 23752	48.25 -0.09 0.00	44.83 -0.17 0.00	42.31 -0.16 0.00	42.59 -0.21 -4.14	34.20 -0.12 0.00	41.54 0.10 0.00	63.49 0.09 0.00	102.02 0.50 -29.16	69.07 0.39 -0.01	174.14 0.41 -116.01	88.62 0.39 -35.55	133.38 0.15 -72.08	143.11 -0.22 -76.31	101.84 -0.19 -48.74	233.10 0.25 -123.57	136.30 0.45 -48.29	202.29 0.63 -112.73	161.52 1.01 -63.35	97.67 1.15 -13.23	113.18 0.88 -38.53	94.48 0.61 -16.98	78.08 0.29 -6.11	60.13 0.20 0.00	48.97 0.15 -1.65

CORONA__69_KV_TB1 355595	50.92 2.59 0.00	47.31 2.32 0.00	44.43 1.97 0.00	40.50 1.84 0.00	35.85 1.54 0.00	43.25 1.81 0.00	66.16 2.76 0.00	75.53 3.17 0.00	71.63 2.94 0.00	60.09 2.37 0.00	55.49 2.80 0.00	64.84 3.69 0.00	72.69 4.02 -1.66	57.52 3.29 -0.95	114.02 4.73 0.00	91.44 3.88 0.00	93.07 4.14 0.00	102.27 5.09 -0.03	89.71 4.28 -2.14	77.33 3.55 -0.02	80.01 3.11 0.00	74.36 2.67 0.00	62.30 2.37 0.00	48.82 1.65 0.00
CORTLAND__115KV_TB3 80093	48.15 -0.19 0.00	44.80 -0.20 0.00	42.29 -0.17 0.00	39.62 -0.19 -1.15	34.18 -0.14 0.00	41.42 -0.02 0.00	63.33 -0.07 0.00	77.85 -0.16 -5.65	68.46 -0.22 0.00	80.31 -0.09 -22.67	59.81 0.02 -7.11	81.50 0.02 -20.34	88.18 -0.11 -21.28	66.78 -0.10 -13.59	143.89 0.14 -34.46	101.04 0.15 -13.33	120.01 0.24 -30.84	114.93 0.44 -17.33	87.47 0.56 -3.62	84.73 0.43 -10.53	81.75 0.21 -4.64	73.37 0.02 -1.67	59.94 0.01 0.00	47.58 -0.04 -0.45
COXSACKIE__GT 23611	50.94 2.60 0.00	47.47 2.48 0.00	44.80 2.33 0.00	40.88 2.23 0.00	36.24 1.93 0.00	43.81 2.37 0.00	66.53 3.13 0.00	76.53 4.17 0.00	72.41 3.73 0.00	60.61 2.88 0.00	55.22 2.53 0.00	64.11 2.96 0.00	69.89 2.87 0.00	55.88 2.60 0.00	114.01 4.72 0.00	91.40 3.85 0.00	93.25 4.32 0.00	102.69 5.54 0.00	87.91 4.62 0.00	77.62 3.85 0.00	80.83 3.93 0.00	75.20 3.52 0.00	62.56 2.63 0.00	49.12 1.95 0.00
CPV_VALLEY__CC1 323721	49.91 1.57 0.00	46.46 1.46 0.00	43.77 1.31 0.00	39.84 1.19 0.00	35.32 1.00 0.00	42.66 1.22 0.00	65.42 2.02 0.00	74.66 2.30 0.00	70.65 1.96 0.00	59.40 1.67 0.00	54.50 1.82 0.00	63.42 2.27 0.00	69.56 2.54 0.00	55.36 2.08 0.00	112.68 3.40 0.00	90.13 2.58 0.00	91.60 2.68 0.00	100.36 3.21 0.00	85.95 2.66 0.00	75.99 2.23 0.00	78.80 1.90 0.00	73.35 1.67 0.00	61.31 1.38 0.00	48.13 0.96 0.00
CPV_VALLEY__CC2 323722	49.91 1.57 0.00	46.46 1.46 0.00	43.77 1.31 0.00	39.84 1.19 0.00	35.32 1.00 0.00	42.66 1.22 0.00	65.42 2.02 0.00	74.66 2.30 0.00	70.65 1.96 0.00	59.40 1.67 0.00	54.50 1.82 0.00	63.42 2.27 0.00	69.56 2.54 0.00	55.36 2.08 0.00	112.68 3.40 0.00	90.13 2.58 0.00	91.60 2.68 0.00	100.36 3.21 0.00	85.95 2.66 0.00	75.99 2.23 0.00	78.80 1.90 0.00	73.35 1.67 0.00	61.31 1.38 0.00	48.13 0.96 0.00
CRESCENT__HYD 24018	49.68 1.34 0.00	46.29 1.29 0.00	43.65 1.19 0.00	39.89 1.23 0.00	35.34 1.03 0.00	42.64 1.20 0.00	64.74 1.34 0.00	74.14 1.79 0.00	70.25 1.56 0.00	59.01 1.29 0.00	53.89 1.21 0.00	62.72 1.58 0.00	68.65 1.64 0.00	54.71 1.43 0.00	111.38 2.09 0.00	89.10 1.55 0.00	90.39 1.46 0.00	98.81 1.66 0.00	84.58 1.29 0.00	74.93 1.16 0.00	78.33 1.43 0.00	73.09 1.41 0.00	60.95 1.02 0.00	47.89 0.71 0.00
CRICKET__VALLEY_CC1 323756	49.75 1.41 0.00	46.30 1.30 0.00	43.61 1.15 0.00	39.72 1.07 0.00	35.23 0.91 0.00	42.48 1.04 0.00	65.04 1.65 0.00	74.27 1.91 0.00	70.30 1.62 0.00	59.14 1.42 0.00	54.31 1.62 0.00	63.29 2.14 0.00	69.35 2.34 0.00	55.24 1.95 0.00	112.21 2.93 0.00	89.74 2.19 0.00	91.13 2.21 0.00	99.82 2.67 0.00	85.45 2.16 0.00	75.51 1.74 0.00	78.27 1.38 0.00	72.83 1.14 0.00	60.90 0.97 0.00	47.81 0.63 0.00
CRICKET__VALLEY_CC2 323757	49.75 1.41 0.00	46.30 1.30 0.00	43.61 1.15 0.00	39.72 1.07 0.00	35.23 0.91 0.00	42.48 1.04 0.00	65.04 1.65 0.00	74.27 1.91 0.00	70.30 1.62 0.00	59.14 1.42 0.00	54.31 1.62 0.00	63.29 2.14 0.00	69.35 2.34 0.00	55.24 1.95 0.00	112.21 2.93 0.00	89.74 2.19 0.00	91.13 2.21 0.00	99.82 2.67 0.00	85.45 2.16 0.00	75.51 1.74 0.00	78.27 1.38 0.00	72.83 1.14 0.00	60.90 0.97 0.00	47.81 0.63 0.00
CRICKET__VALLEY_CC3 323758	49.75 1.41 0.00	46.30 1.30 0.00	43.61 1.15 0.00	39.72 1.07 0.00	35.23 0.91 0.00	42.48 1.04 0.00	65.04 1.65 0.00	74.27 1.91 0.00	70.30 1.62 0.00	59.14 1.42 0.00	54.31 1.62 0.00	63.29 2.14 0.00	69.35 2.34 0.00	55.24 1.95 0.00	112.21 2.93 0.00	89.74 2.19 0.00	91.13 2.21 0.00	99.82 2.67 0.00	85.45 2.16 0.00	75.51 1.74 0.00	78.27 1.38 0.00	72.83 1.14 0.00	60.90 0.97 0.00	47.81 0.63 0.00
CRUCIBLE__METL_DRP 24180	47.26 -1.07 0.00	43.96 -1.04 0.00	41.49 -0.97 0.00	37.76 -0.90 0.00	33.60 -0.72 0.00	40.68 -0.76 0.00	62.13 -1.26 0.00	70.99 -1.37 0.00	67.36 -1.32 0.00	61.25 -1.02 -4.55	53.14 -0.86 -1.32	60.07 -1.08 0.00	65.71 -1.31 0.00	52.32 -0.96 0.00	107.93 -1.36 0.00	86.99 -1.12 -0.56	92.80 -1.04 -4.92	98.92 -1.00 -2.77	83.16 -0.71 -0.58	74.76 -0.69 -1.68	76.75 -0.89 -0.74	70.97 -0.98 -0.27	59.13 -0.80 0.00	46.59 -0.66 -0.07
DAHOWA__HYDRO 323763	50.33 1.99 0.00	46.83 1.83 0.00	44.12 1.65 0.00	40.32 1.66 0.00	35.77 1.45 0.00	43.27 1.83 0.00	65.82 2.42 0.00	75.42 3.06 0.00	71.44 2.76 0.00	59.94 2.22 0.00	54.71 2.03 0.00	63.65 2.50 0.00	69.74 2.72 0.00	55.61 2.32 0.00	113.18 3.89 0.00	90.53 2.98 0.00	92.03 3.11 0.00	100.64 3.49 0.00	86.21 2.92 0.00	76.30 2.53 0.00	79.93 3.03 0.00	74.57 2.89 0.00	62.04 2.10 0.00	48.66 1.49 0.00
DANC__LFGE 323619	46.74 -1.59 0.00	43.66 -1.34 0.00	41.71 -0.75 0.00	37.88 -0.78 0.00	33.68 -0.64 0.00	40.74 -0.69 0.00	62.24 -1.16 0.00	71.47 -0.89 0.00	67.79 -0.89 0.00	56.77 -0.95 0.00	51.31 -1.37 0.00	59.41 -1.73 0.00	65.14 -1.87 0.00	51.24 -2.04 0.00	106.70 -2.59 0.00	85.39 -2.17 0.00	88.14 -0.79 0.00	95.45 -1.70 0.00	81.63 -1.65 0.00	73.32 -0.44 0.00	76.39 -0.50 0.00	70.35 -1.33 0.00	58.64 -1.29 0.00	46.20 -0.98 0.00
DANSKAMMER__1 23586	50.64 2.31 0.00	47.12 2.12 0.00	44.36 1.89 0.00	40.39 1.73 0.00	35.82 1.50 0.00	43.27 1.83 0.00	66.36 2.96 0.00	75.79 3.43 0.00	71.72 3.04 0.00	60.33 2.60 0.00	55.39 2.70 0.00	64.50 3.36 0.00	70.69 3.67 0.00	56.29 3.00 0.00	114.44 5.15 0.00	91.58 4.03 0.00	93.10 4.17 0.00	102.08 4.93 0.00	87.44 4.15 0.00	77.27 3.50 0.00	80.06 3.16 0.00	74.44 2.75 0.00	62.19 2.26 0.00	48.77 1.60 0.00
DANSKAMMER__2 23589	50.64 2.31 0.00	47.12 2.12 0.00	44.36 1.89 0.00	40.39 1.73 0.00	35.82 1.50 0.00	43.27 1.83 0.00	66.36 2.96 0.00	75.79 3.43 0.00	71.72 3.04 0.00	60.33 2.60 0.00	55.39 2.70 0.00	64.50 3.36 0.00	70.69 3.67 0.00	56.29 3.00 0.00	114.44 5.15 0.00	91.58 4.03 0.00	93.10 4.17 0.00	102.08 4.93 0.00	87.44 4.15 0.00	77.27 3.50 0.00	80.06 3.16 0.00	74.44 2.75 0.00	62.19 2.26 0.00	48.77 1.60 0.00
DANSKAMMER__3 23590	50.64 2.31 0.00	47.12 2.12 0.00	44.36 1.89 0.00	40.39 1.73 0.00	35.82 1.50 0.00	43.27 1.83 0.00	66.36 2.96 0.00	75.79 3.43 0.00	71.72 3.04 0.00	60.33 2.60 0.00	55.39 2.70 0.00	64.50 3.36 0.00	70.69 3.67 0.00	56.29 3.00 0.00	114.44 5.15 0.00	91.58 4.03 0.00	93.10 4.17 0.00	102.08 4.93 0.00	87.44 4.15 0.00	77.27 3.50 0.00	80.06 3.16 0.00	74.44 2.75 0.00	62.19 2.26 0.00	48.77 1.60 0.00

DANSKAMMER___4 23591	50.64 2.31 0.00	47.12 2.12 0.00	44.36 1.89 0.00	40.39 1.73 0.00	35.82 1.50 0.00	43.27 1.83 0.00	66.36 2.96 0.00	75.79 3.43 0.00	71.72 3.04 0.00	60.33 2.60 0.00	55.39 2.70 0.00	64.50 3.36 0.00	70.69 3.67 0.00	56.29 3.00 0.00	114.44 5.15 0.00	91.58 4.03 0.00	93.10 4.17 0.00	102.08 4.93 0.00	87.44 4.15 0.00	77.27 3.50 0.00	80.06 3.16 0.00	74.44 2.75 0.00	62.19 2.26 0.00	48.77 1.60 0.00
DANSKAMMER___DIESEL 23592	50.64 2.31 0.00	47.12 2.12 0.00	44.36 1.89 0.00	40.39 1.73 0.00	35.82 1.50 0.00	43.27 1.83 0.00	66.36 2.96 0.00	75.79 3.43 0.00	71.72 3.04 0.00	60.31 2.58 0.00	55.38 2.70 0.00	64.49 3.34 0.00	70.68 3.66 0.00	56.28 3.00 0.00	114.43 5.14 0.00	91.59 4.04 0.00	93.09 4.17 0.00	102.09 4.94 0.00	87.44 4.15 0.00	77.26 3.49 0.00	80.06 3.16 0.00	74.44 2.75 0.00	62.19 2.27 0.00	48.77 1.60 0.00
DARBY___SOLAR 323810	50.21 1.88 0.00	46.72 1.73 0.00	44.03 1.57 0.00	40.23 1.57 0.00	35.70 1.38 0.00	43.14 1.70 0.00	65.62 2.23 0.00	75.16 2.81 0.00	71.21 2.52 0.00	59.77 2.05 0.00	54.56 1.87 0.00	63.46 2.31 0.00	69.51 2.49 0.00	55.42 2.14 0.00	112.85 3.56 0.00	90.24 2.69 0.00	91.71 2.78 0.00	100.32 3.16 0.00	85.92 2.63 0.00	76.05 2.29 0.00	79.64 2.74 0.00	74.29 2.60 0.00	61.83 1.90 0.00	48.52 1.35 0.00
DASHVILLE___HYD 23610	50.10 1.76 0.00	46.63 1.63 0.00	43.92 1.46 0.00	39.99 1.33 0.00	35.43 1.11 0.00	42.79 1.35 0.00	65.60 2.20 0.00	74.93 2.57 0.00	70.93 2.25 0.00	59.64 1.92 0.00	54.76 2.07 0.00	63.75 2.61 0.00	69.87 2.86 0.00	55.61 2.33 0.00	113.11 3.82 0.00	90.54 2.98 0.00	92.01 3.09 0.00	100.85 3.70 0.00	86.37 3.09 0.00	76.34 2.58 0.00	79.16 2.26 0.00	73.63 1.95 0.00	61.52 1.59 0.00	48.25 1.08 0.00
DELAWARE___LFGE 323621	49.16 0.83 0.00	45.86 0.86 0.00	43.27 0.81 0.00	39.33 0.67 0.00	34.79 0.47 0.00	42.10 0.66 0.00	64.48 1.09 0.00	74.73 1.39 -0.98	69.90 1.22 0.00	63.13 1.07 -4.34	54.12 1.14 -0.30	62.45 1.30 0.00	68.37 1.35 0.00	54.36 1.08 0.00	111.24 1.95 0.00	89.05 1.50 0.00	90.37 1.44 0.00	99.02 1.87 0.00	84.95 1.66 0.00	75.17 1.40 0.00	78.09 1.19 0.00	72.63 0.94 0.00	60.74 0.81 0.00	47.77 0.60 0.00
DERFIELD_115KV_TB7 355931	48.43 0.10 0.00	45.13 0.13 0.00	42.59 0.12 0.00	38.77 0.12 0.00	34.42 0.10 0.00	41.56 0.12 0.00	63.48 0.08 0.00	72.48 0.12 0.00	68.75 0.07 0.00	57.78 0.06 0.00	52.76 0.07 0.00	61.25 0.10 0.00	67.09 0.07 0.00	53.38 0.10 0.00	109.38 0.09 0.00	87.59 0.04 0.00	88.93 0.00 0.00	97.18 0.03 0.00	83.31 0.02 0.00	73.80 0.03 0.00	76.90 0.00 0.00	71.68 0.00 0.00	59.93 0.00 0.00	47.14 -0.03 0.00
DOGLEVILLE___HYD 23807	51.85 3.52 0.00	48.35 3.36 0.00	45.67 3.20 0.00	41.63 2.97 0.00	36.94 2.62 0.00	44.73 3.30 0.00	68.06 4.67 0.00	77.40 5.05 0.00	73.23 4.55 0.00	61.23 3.50 0.00	55.75 3.07 0.00	64.77 3.62 0.00	70.61 3.59 0.00	56.06 2.78 0.00	114.27 4.99 0.00	91.55 4.00 0.00	93.86 4.94 0.00	103.47 6.32 0.00	88.77 5.48 0.00	78.47 4.70 0.00	81.54 4.64 0.00	75.82 4.14 0.00	63.46 3.53 0.00	49.74 2.57 0.00
DUNKIRK___115KV_TB_200 55889	44.06 -4.27 0.00	40.66 -4.34 0.00	38.55 -3.91 0.00	33.69 -3.70 1.27	30.98 -3.34 0.00	38.05 -3.39 0.00	57.49 -5.90 0.00	60.34 -6.91 5.10	62.80 -5.88 0.00	22.48 -4.34 30.90	38.80 -4.50 9.39	28.68 -5.73 26.74	35.86 -6.14 25.02	32.29 -5.07 15.92	58.10 -10.81 40.38	64.39 -9.06 14.10	50.22 -9.14 29.56	71.34 -9.28 16.54	73.10 -6.75 3.44	57.75 -6.01 10.01	66.07 -6.42 4.41	64.77 -5.33 1.59	56.04 -3.89 0.00	43.61 -3.14 0.43
DUNKIRK___1 23563	44.06 -4.27 0.00	40.66 -4.34 0.00	38.55 -3.91 0.00	33.69 -3.70 1.27	30.98 -3.34 0.00	38.05 -3.39 0.00	57.49 -5.90 0.00	60.34 -6.91 5.10	62.80 -5.88 0.00	22.48 -4.34 30.90	38.80 -4.50 9.39	28.68 -5.73 26.74	35.86 -6.14 25.02	32.29 -5.07 15.92	58.10 -10.81 40.38	64.39 -9.06 14.10	50.22 -9.14 29.56	71.34 -9.28 16.54	73.10 -6.75 3.44	57.75 -6.01 10.01	66.07 -6.42 4.41	64.77 -5.33 1.59	56.04 -3.89 0.00	43.61 -3.14 0.43
DUNKIRK___2 23564	44.06 -4.27 0.00	40.66 -4.34 0.00	38.55 -3.91 0.00	33.69 -3.70 1.27	30.98 -3.34 0.00	38.05 -3.39 0.00	57.49 -5.90 0.00	60.34 -6.91 5.10	62.80 -5.88 0.00	22.48 -4.34 30.90	38.80 -4.50 9.39	28.68 -5.73 26.74	35.86 -6.14 25.02	32.29 -5.07 15.92	58.10 -10.81 40.38	64.39 -9.06 14.10	50.22 -9.14 29.56	71.34 -9.28 16.54	73.10 -6.75 3.44	57.75 -6.01 10.01	66.07 -6.42 4.41	64.77 -5.33 1.59	56.04 -3.89 0.00	43.61 -3.14 0.43
DUNKIRK___3 23565	44.12 -4.21 0.00	40.70 -4.30 0.00	38.55 -3.91 0.00	33.67 -3.72 1.26	31.06 -3.26 0.00	38.11 -3.33 0.00	57.50 -5.89 0.00	60.34 -6.96 5.06	62.62 -6.06 0.00	22.56 -4.39 30.77	38.80 -4.54 9.34	29.10 -5.60 26.44	36.25 -6.04 24.73	32.58 -4.96 15.74	58.93 -10.44 39.92	64.74 -8.87 13.94	50.75 -8.95 29.23	71.55 -9.26 16.35	73.07 -6.82 3.40	57.80 -6.08 9.89	66.00 -6.54 4.36	64.53 -5.58 1.57	55.88 -4.06 0.00	43.62 -3.14 0.42
DUNKIRK___4 23566	44.12 -4.21 0.00	40.70 -4.30 0.00	38.55 -3.91 0.00	33.67 -3.72 1.26	31.06 -3.26 0.00	38.11 -3.33 0.00	57.50 -5.89 0.00	60.34 -6.96 5.06	62.62 -6.06 0.00	22.56 -4.39 30.77	38.80 -4.54 9.34	29.10 -5.60 26.44	36.25 -6.04 24.73	32.58 -4.96 15.74	58.93 -10.44 39.92	64.74 -8.87 13.94	50.75 -8.95 29.23	71.55 -9.26 16.35	73.07 -6.82 3.40	57.80 -6.08 9.89	66.00 -6.54 4.36	64.53 -5.58 1.57	55.88 -4.06 0.00	43.62 -3.14 0.42
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.62 2.29 0.00	47.07 2.07 0.00	44.30 1.83 0.00	40.36 1.70 0.00	35.80 1.47 0.00	43.21 1.77 0.00	66.22 2.83 0.00	75.63 3.28 0.00	71.55 2.86 0.00	60.18 2.46 0.00	55.33 2.65 0.00	64.54 3.40 0.00	70.73 3.71 0.00	56.34 3.06 0.00	114.35 5.06 0.00	91.49 3.94 0.00	92.88 3.96 0.00	101.81 4.66 0.00	87.16 3.87 0.00	76.97 3.21 0.00	79.64 2.74 0.00	74.04 2.35 0.00	61.91 1.98 0.00	48.59 1.41 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.37 2.04 0.00	46.86 1.86 0.00	44.13 1.67 0.00	40.18 1.52 0.00	35.62 1.30 0.00	43.03 1.60 0.00	66.02 2.63 0.00	75.37 3.01 0.00	71.30 2.61 0.00	59.94 2.22 0.00	55.05 2.37 0.00	64.06 2.92 0.00	70.25 3.24 0.00	55.91 2.63 0.00	113.70 4.41 0.00	91.01 3.46 0.00	92.53 3.61 0.00	101.45 4.30 0.00	86.88 3.59 0.00	76.80 3.03 0.00	79.59 2.70 0.00	74.02 2.34 0.00	61.85 1.92 0.00	48.52 1.35 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.72 2.38 0.00	47.15 2.15 0.00	44.36 1.90 0.00	40.50 1.85 0.00	35.93 1.62 0.00	43.28 1.84 0.00	66.43 3.03 0.00	75.99 3.63 0.00	71.84 3.16 0.00	60.34 2.62 0.00	55.51 2.83 0.00	64.70 3.55 0.00	71.02 4.00 0.00	57.23 3.28 -0.67	114.61 5.33 0.00	91.57 4.02 0.00	93.02 4.10 0.00	101.92 4.76 0.00	87.18 3.90 0.00	76.93 3.17 0.00	79.56 2.66 0.00	73.92 2.24 0.00	61.80 1.87 0.00	48.53 1.35 0.00

E179THST_13_KV_LOAD 356214	50.91 2.58 0.00	47.33 2.33 0.00	44.52 2.05 0.00	40.65 2.00 0.00	36.05 1.73 0.00	43.44 2.00 0.00	66.70 3.30 0.00	76.30 3.94 0.00	72.16 3.48 0.00	60.60 2.87 0.00	55.77 3.09 0.00	65.00 3.85 0.00	71.35 4.33 0.00	57.50 3.54 -0.67	115.15 5.86 0.00	92.01 4.46 0.00	93.48 4.55 0.00	102.43 5.28 0.00	87.62 4.33 0.00	77.32 3.55 0.00	79.94 3.04 0.00	74.28 2.59 0.00	62.08 2.15 0.00	48.73 1.56 0.00
EAST HAMPTON___GT 23717	49.56 1.22 0.00	45.82 0.83 0.00	43.02 0.55 0.00	39.27 0.62 0.00	34.75 0.44 0.00	41.91 0.47 0.00	73.40 0.67 -9.33	84.91 0.77 -11.78	80.69 0.90 -11.10	67.32 0.93 -8.66	54.20 1.11 -0.40	65.45 2.21 -2.10	73.88 2.45 -4.42	56.33 2.28 -0.77	120.67 1.29 -10.10	97.34 1.91 -7.87	105.98 2.41 -14.64	116.80 3.21 -16.43	100.89 2.60 -15.01	87.25 1.85 -11.64	90.93 1.03 -13.00	84.81 0.43 -12.70	69.27 0.58 -8.75	47.29 0.11 0.00
EAST RIVER___6 23660	50.83 2.50 0.00	47.19 2.19 0.00	44.40 1.93 0.00	40.45 1.79 0.00	35.87 1.55 0.00	43.30 1.86 0.00	66.47 3.07 0.00	75.97 3.62 0.00	71.81 3.12 0.00	60.50 2.78 0.00	55.70 3.01 0.00	64.99 3.84 0.00	71.29 4.27 0.00	57.29 3.50 -0.52	115.17 5.89 0.00	92.05 4.50 0.00	93.46 4.54 0.00	102.33 5.17 0.00	87.54 4.25 0.00	77.23 3.46 0.00	79.76 2.86 0.00	74.14 2.46 0.00	62.03 2.10 0.00	48.67 1.50 0.00
EAST RIVER___7 23524	50.83 2.50 0.00	47.19 2.19 0.00	44.40 1.93 0.00	40.45 1.79 0.00	35.87 1.55 0.00	43.30 1.86 0.00	66.47 3.07 0.00	75.97 3.62 0.00	71.81 3.12 0.00	60.50 2.78 0.00	55.70 3.01 0.00	64.99 3.84 0.00	71.29 4.27 0.00	57.29 3.50 -0.52	115.17 5.89 0.00	92.05 4.50 0.00	93.46 4.54 0.00	102.33 5.17 0.00	87.54 4.25 0.00	77.23 3.46 0.00	79.76 2.86 0.00	74.14 2.46 0.00	62.03 2.10 0.00	48.67 1.50 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.47 2.13 0.00	46.93 1.94 0.00	44.18 1.71 0.00	40.24 1.58 0.00	35.68 1.36 0.00	43.08 1.64 0.00	66.05 2.65 0.00	75.42 3.06 0.00	71.34 2.66 0.00	59.99 2.27 0.00	55.15 2.46 0.00	64.31 3.16 0.00	70.49 3.48 0.00	56.13 2.84 0.00	113.98 4.69 0.00	91.16 3.61 0.00	92.62 3.69 0.00	101.50 4.35 0.00	86.87 3.59 0.00	76.76 2.99 0.00	79.46 2.56 0.00	73.89 2.20 0.00	61.78 1.85 0.00	48.48 1.30 0.00
EAST_HAMPTON___DIESEL 23722	49.40 1.06 0.00	45.68 0.68 0.00	42.87 0.41 0.00	39.14 0.49 0.00	34.64 0.32 0.00	41.76 0.33 0.00	73.18 0.45 -9.33	84.67 0.53 -11.78	80.44 0.66 -11.10	67.14 0.76 -8.66	54.03 0.95 -0.40	65.26 2.02 -2.10	73.66 2.22 -4.42	56.17 2.13 -0.77	120.34 0.96 -10.10	97.08 1.65 -7.87	105.71 2.14 -14.64	116.49 2.90 -16.43	100.61 2.31 -15.01	86.99 1.58 -11.64	90.65 0.75 -13.00	84.58 0.19 -12.70	69.06 0.37 -8.75	47.13 -0.05 0.00
EAST_POINT___SOLAR 323840	49.08 0.74 0.00	45.71 0.71 0.00	43.12 0.65 0.00	39.19 0.53 0.00	34.83 0.51 0.00	42.24 0.80 0.00	65.04 1.64 0.00	74.46 2.11 0.00	70.50 1.82 0.00	59.03 1.30 0.00	53.90 1.21 0.00	62.00 0.85 0.00	67.59 0.57 0.00	53.86 0.58 0.00	111.03 1.74 0.00	89.53 1.97 0.00	91.51 2.59 0.00	100.50 3.35 0.00	86.16 2.87 0.00	76.43 2.66 0.00	79.46 2.56 0.00	73.81 2.13 0.00	61.63 1.70 0.00	48.42 1.25 0.00
EAST_PULASKI___ESR 323781	46.68 -1.65 0.00	43.47 -1.53 0.00	41.25 -1.21 0.00	37.50 -1.15 0.00	33.31 -1.01 0.00	40.26 -1.18 0.00	61.49 -1.91 0.00	70.41 -1.95 0.00	66.85 -1.83 0.00	56.13 -1.60 0.00	51.08 -1.61 0.00	59.17 -1.97 0.00	64.80 -2.22 0.00	51.35 -1.93 0.00	106.43 -2.85 0.00	85.25 -2.31 0.00	87.07 -1.86 0.00	94.88 -2.27 0.00	81.36 -1.93 0.00	72.42 -1.35 0.00	75.38 -1.52 0.00	69.88 -1.80 0.00	58.35 -1.58 0.00	45.98 -1.19 0.00
EAST_RIVER___1 323558	50.83 2.49 0.00	47.22 2.22 0.00	44.43 1.97 0.00	40.48 1.83 0.00	35.91 1.59 0.00	43.36 1.92 0.00	66.48 3.08 0.00	75.99 3.63 0.00	71.81 3.13 0.00	60.48 2.76 0.00	55.66 2.97 0.00	64.93 3.78 0.00	71.23 4.21 0.00	57.24 3.45 -0.52	115.06 5.77 0.00	91.99 4.43 0.00	93.40 4.47 0.00	102.29 5.13 0.00	87.51 4.22 0.00	77.22 3.46 0.00	79.76 2.86 0.00	74.14 2.46 0.00	62.01 2.08 0.00	48.67 1.50 0.00
EAST_RIVER___2 323559	50.83 2.50 0.00	47.19 2.19 0.00	44.40 1.93 0.00	40.45 1.79 0.00	35.87 1.55 0.00	43.30 1.86 0.00	66.47 3.07 0.00	75.97 3.62 0.00	71.81 3.12 0.00	60.50 2.78 0.00	55.70 3.01 0.00	64.99 3.84 0.00	71.29 4.27 0.00	57.29 3.50 -0.52	115.17 5.89 0.00	92.05 4.50 0.00	93.46 4.54 0.00	102.33 5.17 0.00	87.54 4.25 0.00	77.23 3.46 0.00	79.76 2.86 0.00	74.14 2.46 0.00	62.03 2.10 0.00	48.67 1.50 0.00
EAST___DELAWARE_HYD 23607	49.35 1.01 0.00	45.92 0.92 0.00	43.24 0.78 0.00	39.37 0.71 0.00	34.92 0.60 0.00	42.19 0.75 0.00	64.80 1.41 0.00	74.05 1.69 0.00	70.05 1.37 0.00	58.92 1.20 0.00	54.04 1.35 0.00	62.76 1.61 0.00	68.77 1.75 0.00	54.61 1.32 0.00	111.17 1.89 0.00	89.28 1.73 0.00	91.03 2.10 0.00	99.87 2.72 0.00	85.53 2.24 0.00	75.61 1.85 0.00	78.35 1.46 0.00	72.85 1.17 0.00	60.81 0.88 0.00	47.67 0.50 0.00
EIGHT_POINT___WT_PWR 323820	42.88 -5.45 0.00	39.22 -5.78 0.00	37.09 -5.38 0.00	29.93 -4.84 3.89	30.50 -3.82 0.00	37.83 -3.61 0.00	56.07 -7.32 0.00	48.21 -9.26 14.89	59.64 -9.04 0.01	-30.63 -6.70 81.65	21.67 -7.19 23.83	14.86 -7.75 38.53	-7.44 -8.49 65.97	3.97 -6.74 42.57	-9.92 -11.16 108.05	37.49 -9.41 40.66	-8.35 -10.01 87.27	37.31 -10.84 49.00	64.40 -8.66 10.23	36.01 -7.98 29.78	55.32 -8.45 13.12	59.66 -7.30 4.72	53.53 -6.40 0.00	40.83 -5.07 1.27
ELBRIDGE_115KV_TB2 80188	47.00 -1.34 0.00	43.72 -1.28 0.00	41.27 -1.19 0.00	37.72 -1.12 -0.18	33.40 -0.92 0.00	40.47 -0.98 0.00	61.73 -1.67 0.00	70.54 -1.82 0.00	66.93 -1.75 0.00	61.66 -1.40 -5.33	53.14 -1.18 -1.64	62.77 -1.45 -3.07	68.58 -1.74 -3.31	54.08 -1.32 -2.11	112.66 -1.98 -5.35	88.13 -1.63 -2.21	92.85 -1.56 -5.48	98.68 -1.55 -3.08	82.73 -1.20 -0.64	74.52 -1.12 -1.87	76.39 -1.33 -0.82	70.55 -1.43 -0.30	58.78 -1.15 0.00	46.36 -0.89 -0.08
ELEC_TRO_TEK 24086	50.75 2.42 0.00	47.15 2.16 0.00	44.29 1.83 0.00	40.37 1.71 0.00	35.75 1.43 0.00	43.11 1.67 0.00	65.96 2.56 0.00	75.29 2.94 0.00	71.45 2.77 0.00	59.97 2.24 0.00	55.33 2.64 0.00	64.64 3.49 0.00	72.46 3.81 -1.64	57.34 3.11 -0.94	113.66 4.38 0.00	91.19 3.64 0.00	92.69 3.76 0.00	101.88 4.69 -0.03	89.25 3.85 -2.11	76.95 3.16 -0.02	79.53 2.63 0.00	73.95 2.26 0.00	61.97 2.04 0.00	48.58 1.41 0.00
ELLENBURG_WT_PWR 323604	49.02 0.68 0.00	45.58 0.58 0.00	43.08 0.62 0.00	39.19 0.53 0.00	34.85 0.53 0.00	42.14 0.70 0.00	64.77 1.38 0.00	73.83 1.48 0.00	70.14 1.46 0.00	58.73 1.01 0.00	53.35 0.67 0.00	61.68 0.53 0.00	67.63 0.61 0.00	53.64 0.36 0.00	110.17 0.88 0.00	88.50 0.95 0.00	90.05 1.13 0.00	98.04 0.89 0.00	84.14 0.85 0.00	74.62 0.85 0.00	78.09 1.20 0.00	72.82 1.14 0.00	60.82 0.89 0.00	47.92 0.75 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.11 -4.23 0.00	40.67 -4.33 0.00	38.43 -4.04 0.00	33.56 -3.92 1.17	31.06 -3.26 0.00	38.13 -3.31 0.00	57.30 -6.10 0.00	60.49 -7.25 4.62	62.00 -6.68 0.00	25.58 -4.72 27.42	39.34 -4.90 8.44	30.84 -5.74 24.57	38.10 -6.14 22.78	33.74 -5.05 14.50	62.37 -10.15 36.77	66.11 -8.71 12.74	53.40 -8.64 26.89	72.86 -9.19 15.10	73.13 -7.02 3.14	58.43 -6.21 9.13	66.15 -6.72 4.02	64.25 -5.98 1.45	55.56 -4.37 0.00	43.75 -3.04 0.39
EMPIRE_CC_1 323656	49.10 0.77 0.00	45.83 0.83 0.00	43.32 0.86 0.00	39.62 0.96 0.00	35.09 0.77 0.00	42.23 0.79 0.00	63.84 0.44 0.00	73.13 0.77 0.00	69.27 0.58 0.00	58.21 0.49 0.00	53.17 0.48 0.00	61.88 0.73 0.00	67.76 0.75 0.00	54.01 0.72 0.00	109.93 0.64 0.00	87.86 0.31 0.00	89.00 0.07 0.00	97.21 0.06 0.00	83.24 -0.05 0.00	73.81 0.05 0.00	77.14 0.24 0.00	72.01 0.33 0.00	60.08 0.15 0.00	47.27 0.10 0.00
EMPIRE_CC_2 323658	49.10 0.77 0.00	45.83 0.83 0.00	43.32 0.86 0.00	39.62 0.96 0.00	35.09 0.77 0.00	42.23 0.79 0.00	63.84 0.44 0.00	73.13 0.77 0.00	69.27 0.58 0.00	58.21 0.49 0.00	53.17 0.48 0.00	61.88 0.73 0.00	67.76 0.75 0.00	54.01 0.72 0.00	109.93 0.64 0.00	87.86 0.31 0.00	89.00 0.07 0.00	97.21 0.06 0.00	83.24 -0.05 0.00	73.81 0.05 0.00	77.14 0.24 0.00	72.01 0.33 0.00	60.08 0.15 0.00	47.27 0.10 0.00
ENORWICH_115KV_TB1 80156	49.38 1.05 0.00	45.87 0.87 0.00	43.28 0.82 0.00	40.57 0.49 -1.42	34.87 0.55 0.00	42.53 1.09 0.00	65.36 1.97 0.00	86.17 2.99 -10.83	71.39 2.71 0.00	102.22 2.17 -42.32	67.77 2.22 -12.87	88.60 2.06 -25.39	95.17 1.74 -26.42	71.21 1.06 -16.86	154.96 2.91 -42.76	106.59 2.82 -16.22	128.94 3.31 -36.70	122.52 4.74 -20.63	91.97 4.38 -4.31	89.57 3.27 -12.54	85.32 2.90 -5.53	75.57 1.89 -1.99	61.13 1.20 0.00	48.82 1.11 -0.54
ERIE_ST__34_KV_TB1-2 80199	44.58 -3.76 0.00	41.08 -3.92 0.00	38.79 -3.67 0.00	33.82 -3.58 1.27	31.40 -2.92 0.00	38.53 -2.91 0.00	57.98 -5.42 0.00	60.99 -6.35 5.02	62.77 -5.91 0.00	23.79 -3.95 29.99	39.32 -4.18 9.19	29.65 -4.83 26.67	37.10 -5.14 24.78	33.25 -4.27 15.76	60.84 -8.48 39.97	66.10 -7.48 13.98	52.29 -7.32 29.31	72.94 -7.81 16.40	73.96 -5.92 3.41	58.62 -5.23 9.92	66.75 -5.77 4.37	64.86 -5.25 1.57	56.10 -3.83 0.00	44.12 -2.63 0.42
ERIE_WT_PWR 323693	44.32 -4.02 0.00	40.86 -4.14 0.00	38.59 -3.87 0.00	33.62 -3.77 1.27	31.21 -3.10 0.00	38.33 -3.11 0.00	57.58 -5.82 0.00	60.44 -6.94 4.98	62.25 -6.43 0.00	23.43 -4.63 29.67	38.77 -4.74 9.17	28.75 -5.52 26.89	36.56 -4.86 24.55	32.80 -9.56 15.62	60.11 -9.11 39.61	65.47 -8.19 13.89	51.65 -8.14 29.14	72.36 -8.49 16.30	73.48 -6.42 3.39	58.11 -5.79 9.86	66.29 -6.27 4.34	64.51 -5.61 1.56	55.83 -4.10 0.00	43.90 -2.86 0.42
ESPRGFLD_115KV_TB1 80157	47.92 -0.42 0.00	44.65 -0.34 0.00	42.18 -0.29 0.00	38.25 -0.41 0.00	33.91 -0.40 0.00	41.17 -0.26 0.00	63.48 0.08 0.00	72.66 0.30 0.00	69.00 0.32 0.00	58.05 0.33 0.00	53.23 0.54 0.00	61.42 0.27 0.00	67.14 0.13 0.00	53.33 0.05 0.00	109.54 0.26 0.00	88.13 0.58 0.00	89.48 0.56 0.00	98.10 0.95 0.00	84.16 0.87 0.00	74.59 0.83 0.00	77.49 0.59 0.00	71.88 0.20 0.00	60.13 0.20 0.00	47.36 0.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.24 -0.10 0.00	44.84 -0.16 0.00	42.31 -0.16 0.00	41.78 -0.20 -3.33	34.21 -0.11 0.00	41.52 0.08 0.00	63.48 0.08 0.00	98.14 0.49 -25.30	69.05 0.36 -0.01	155.80 0.39 -97.68	82.92 0.39 -29.85	119.33 0.12 -58.06	128.19 -0.22 -61.39	92.32 -0.18 -39.21	208.94 0.24 -99.41	126.74 0.39 -38.79	179.94 0.59 -90.43	148.91 0.94 -50.82	94.96 1.06 -10.61	105.48 0.81 -30.91	91.07 0.55 -13.62	76.81 0.23 -4.90	60.11 0.18 0.00	48.63 0.13 -1.32
ETNA____115KV_TB2 80207	48.24 -0.10 0.00	44.84 -0.16 0.00	42.31 -0.16 0.00	41.78 -0.20 -3.33	34.21 -0.11 0.00	41.52 0.08 0.00	63.48 0.08 0.00	98.14 0.49 -25.30	69.05 0.36 -0.01	155.80 0.39 -97.68	82.92 0.39 -29.85	119.33 0.12 -58.06	128.19 -0.22 -61.39	92.32 -0.18 -39.21	208.94 0.24 -99.41	126.74 0.39 -38.79	179.94 0.59 -90.43	148.91 0.94 -50.82	94.96 1.06 -10.61	105.48 0.81 -30.91	91.07 0.55 -13.62	76.81 0.23 -4.90	60.11 0.18 0.00	48.63 0.13 -1.32
EUCLID__115KV_TB2 356179	46.78 -1.56 0.00	43.52 -1.47 0.00	41.09 -1.37 0.00	37.38 -1.28 0.00	33.24 -1.08 0.00	40.21 -1.23 0.00	61.40 -2.00 0.00	70.13 -2.23 0.00	66.59 -2.10 0.00	56.05 -1.67 0.00	51.19 -1.50 0.00	59.35 -1.80 0.00	65.00 -2.02 0.00	51.75 -1.53 0.00	106.67 -2.62 0.00	85.39 -2.16 0.00	86.79 -2.14 0.00	94.91 -2.24 0.00	81.47 -1.82 0.00	72.14 -1.63 0.00	75.05 -1.85 0.00	69.88 -1.80 0.00	58.45 -1.48 0.00	46.03 -1.15 0.00
E_CANADA_CAP_HY 24051	47.60 -0.74 0.00	44.38 -0.62 0.00	41.90 -0.56 0.00	38.04 -0.61 0.00	33.83 -0.49 0.00	40.97 -0.47 0.00	63.09 -0.30 0.00	72.27 -0.09 0.00	68.69 0.01 0.00	57.67 -0.05 0.00	52.76 0.08 0.00	60.75 -0.40 0.00	66.45 -0.56 0.00	52.81 -0.47 0.00	108.54 -0.74 0.00	87.36 -0.20 0.00	88.78 -0.14 0.00	97.28 0.13 0.00	83.36 0.07 0.00	74.03 0.27 0.00	77.01 0.11 0.00	71.63 -0.05 0.00	59.93 0.00 0.00	47.20 0.03 0.00
E_CANADA_MHWK_HY 24050	51.86 3.52 0.00	48.35 3.36 0.00	45.66 3.20 0.00	41.63 2.97 0.00	36.94 2.62 0.00	44.73 3.30 0.00	68.06 4.67 0.00	77.40 5.04 0.00	73.23 4.55 0.00	61.22 3.49 0.00	55.75 3.07 0.00	64.77 3.62 0.00	70.60 3.59 0.00	56.05 2.77 0.00	114.25 4.97 0.00	91.55 4.00 0.00	93.86 4.94 0.00	103.47 6.32 0.00	88.77 5.48 0.00	78.47 4.71 0.00	81.54 4.64 0.00	75.82 4.14 0.00	63.46 3.53 0.00	49.74 2.56 0.00
E_FISHKILL__LBMP 23776	50.16 1.82 0.00	46.68 1.68 0.00	43.96 1.50 0.00	40.04 1.38 0.00	35.50 1.19 0.00	42.84 1.40 0.00	65.61 2.21 0.00	74.92 2.57 0.00	70.90 2.22 0.00	59.64 1.91 0.00	54.77 2.08 0.00	63.83 2.68 0.00	69.95 2.94 0.00	55.71 2.42 0.00	113.17 3.88 0.00	90.54 2.99 0.00	91.93 3.00 0.00	100.73 3.58 0.00	86.24 2.96 0.00	76.21 2.44 0.00	78.97 2.07 0.00	73.46 1.78 0.00	61.42 1.49 0.00	48.21 1.04 0.00
FALCON__SEABRD_CC1 323796	49.39 1.05 0.00	45.91 0.91 0.00	43.40 0.93 0.00	39.48 0.82 0.00	35.12 0.80 0.00	42.49 1.06 0.00	65.33 1.93 0.00	74.50 2.15 0.00	70.77 2.08 0.00	59.25 1.53 0.00	53.78 1.10 0.00	62.14 0.99 0.00	68.14 1.12 0.00	54.01 0.73 0.00	110.94 1.65 0.00	89.14 1.59 0.00	90.76 1.83 0.00	98.82 1.67 0.00	84.84 1.55 0.00	75.23 1.47 0.00	78.70 1.80 0.00	73.41 1.72 0.00	61.29 1.36 0.00	48.30 1.13 0.00
FALCON__SEABRD_CC2 323797	49.39 1.05 0.00	45.91 0.91 0.00	43.40 0.93 0.00	39.48 0.82 0.00	35.12 0.80 0.00	42.49 1.06 0.00	65.33 1.93 0.00	74.50 2.15 0.00	70.77 2.08 0.00	59.25 1.53 0.00	53.78 1.10 0.00	62.14 0.99 0.00	68.14 1.12 0.00	54.01 0.73 0.00	110.94 1.65 0.00	89.14 1.59 0.00	90.76 1.83 0.00	98.82 1.67 0.00	84.84 1.55 0.00	75.23 1.47 0.00	78.70 1.80 0.00	73.41 1.72 0.00	61.29 1.36 0.00	48.30 1.13 0.00

FAR ROCKAWAY___4 23548	51.33 2.99 0.00	47.66 2.67 0.00	44.76 2.30 0.00	40.78 2.13 0.00	36.12 1.80 0.00	43.58 2.14 0.00	66.70 3.31 0.00	76.18 3.82 0.00	72.26 3.58 0.00	60.55 2.82 0.00	55.98 3.30 0.00	65.43 4.28 0.00	73.18 4.67 -1.49	57.89 3.75 -0.86	115.00 5.72 0.00	92.28 4.73 0.00	93.82 4.89 0.00	102.95 5.77 -0.02	90.23 5.01 -1.93	77.96 4.18 -0.01	80.66 3.75 0.00	74.93 3.25 0.00	62.73 2.80 0.00	49.15 1.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.84 2.51 0.00	47.23 2.24 0.00	44.45 1.98 0.00	40.50 1.84 0.00	35.93 1.61 0.00	43.39 1.95 0.00	66.52 3.12 0.00	76.02 3.66 0.00	71.84 3.16 0.00	60.47 2.75 0.00	55.65 2.97 0.00	64.91 3.76 0.00	71.21 4.19 0.00	57.42 3.45 -0.68	115.06 5.77 0.00	91.99 4.44 0.00	93.38 4.46 0.00	102.30 5.15 0.00	87.53 4.24 0.00	77.24 3.47 0.00	79.80 2.90 0.00	74.17 2.49 0.00	62.01 2.08 0.00	48.68 1.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.85 2.52 0.00	47.24 2.25 0.00	44.46 2.00 0.00	40.51 1.85 0.00	35.93 1.61 0.00	43.39 1.95 0.00	66.54 3.14 0.00	76.03 3.67 0.00	71.84 3.16 0.00	60.48 2.76 0.00	55.65 2.97 0.00	64.91 3.76 0.00	71.22 4.20 0.00	57.42 3.45 -0.68	115.09 5.80 0.00	91.99 4.44 0.00	93.40 4.47 0.00	102.30 5.15 0.00	87.54 4.25 0.00	77.25 3.48 0.00	79.81 2.91 0.00	74.18 2.49 0.00	62.03 2.10 0.00	48.69 1.52 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.81 2.48 0.00	47.21 2.21 0.00	44.43 1.97 0.00	40.49 1.83 0.00	35.92 1.60 0.00	43.36 1.92 0.00	66.48 3.09 0.00	75.97 3.62 0.00	71.81 3.13 0.00	60.44 2.72 0.00	55.63 2.95 0.00	64.88 3.73 0.00	71.18 4.16 0.00	57.39 3.42 -0.68	115.02 5.73 0.00	91.95 4.39 0.00	93.33 4.40 0.00	102.23 5.07 0.00	87.48 4.19 0.00	77.19 3.42 0.00	79.74 2.84 0.00	74.11 2.43 0.00	61.98 2.05 0.00	48.66 1.49 0.00
FARRAGUT___LBMP 323566	50.79 2.45 0.00	47.19 2.19 0.00	44.40 1.94 0.00	40.45 1.80 0.00	35.90 1.58 0.00	43.34 1.90 0.00	66.44 3.04 0.00	75.93 3.58 0.00	71.75 3.07 0.00	60.39 2.66 0.00	55.59 2.90 0.00	64.81 3.67 0.00	71.11 4.09 0.00	57.34 3.38 -0.68	114.92 5.63 0.00	91.86 4.31 0.00	93.26 4.33 0.00	102.13 4.98 0.00	87.40 4.12 0.00	77.13 3.36 0.00	79.68 2.78 0.00	74.07 2.39 0.00	61.94 2.01 0.00	48.62 1.45 0.00
FENNER___WINDPWR 24204	48.76 0.42 0.00	45.45 0.45 0.00	42.95 0.48 0.00	39.71 0.40 -0.66	34.74 0.42 0.00	42.09 0.64 0.00	64.38 0.99 0.00	76.36 0.71 -3.30	69.28 0.59 0.00	71.88 0.64 -13.51	57.70 0.82 -4.20	73.49 0.88 -11.47	80.09 0.83 -12.24	61.67 0.56 -7.83	130.81 1.69 -19.84	96.62 1.37 -7.69	108.37 1.62 -17.83	108.82 1.65 -10.02	86.85 1.47 -2.09	81.23 1.37 -6.09	80.77 1.19 -2.69	73.57 0.92 -0.97	60.67 0.74 0.00	47.92 0.48 -0.26
FIBERTEK___ENERGY 23856	47.26 -1.07 0.00	43.96 -1.04 0.00	41.49 -0.97 0.00	37.76 -0.90 0.00	33.60 -0.72 0.00	40.68 -0.76 0.00	62.13 -1.26 0.00	70.99 -1.37 0.00	67.36 -1.32 0.00	61.25 -1.02 -4.55	53.14 -0.86 -1.32	60.07 -1.08 0.00	65.71 -1.31 0.00	52.32 -0.96 0.00	107.93 -1.36 0.00	86.99 -1.12 -0.56	92.80 -1.04 -4.92	98.92 -1.00 -2.77	83.16 -0.71 -0.58	74.76 -0.69 -1.68	76.75 -0.89 -0.74	70.97 -0.98 -0.27	59.13 -0.80 0.00	46.59 -0.66 -0.07
FITZPATRICK___ 23598	46.21 -2.13 0.00	43.02 -1.98 0.00	40.59 -1.87 0.00	36.95 -1.71 0.00	32.85 -1.47 0.00	39.71 -1.73 0.00	60.61 -2.79 0.00	69.24 -3.12 0.00	65.73 -2.96 0.00	55.28 -2.44 0.00	50.48 -2.21 0.00	58.53 -2.62 0.00	64.11 -2.91 0.00	51.05 -2.23 0.00	105.41 -3.88 0.00	84.42 -3.13 0.00	85.77 -3.16 0.00	93.76 -3.39 0.00	80.46 -2.83 0.00	71.26 -2.51 0.00	74.18 -2.72 0.00	69.10 -2.58 0.00	57.80 -2.14 0.00	45.52 -1.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.73 2.39 0.00	47.20 2.20 0.00	44.44 1.97 0.00	40.46 1.80 0.00	35.88 1.57 0.00	43.35 1.91 0.00	66.47 3.07 0.00	75.93 3.57 0.00	71.86 3.17 0.00	60.43 2.71 0.00	55.50 2.81 0.00	64.63 3.49 0.00	70.83 3.82 0.00	56.40 3.12 0.00	114.68 5.39 0.00	91.79 4.23 0.00	93.30 4.37 0.00	102.30 5.14 0.00	87.61 4.32 0.00	77.41 3.65 0.00	80.21 3.31 0.00	74.58 2.90 0.00	62.31 2.38 0.00	48.86 1.69 0.00
FORT ORANGE___ 23900	49.46 1.13 0.00	46.15 1.15 0.00	43.56 1.10 0.00	39.78 1.12 0.00	35.23 0.91 0.00	42.46 1.02 0.00	64.23 0.84 0.00	73.59 1.24 0.00	69.69 1.01 0.00	58.48 0.75 0.00	53.30 0.62 0.00	62.03 0.88 0.00	67.91 0.90 0.00	54.12 0.84 0.00	110.28 1.00 0.00	88.26 0.70 0.00	89.59 0.66 0.00	98.02 0.87 0.00	83.94 0.65 0.00	74.31 0.54 0.00	77.46 0.56 0.00	72.23 0.54 0.00	60.23 0.30 0.00	47.41 0.24 0.00
FORT_DRUM_COGEN 23780	47.40 -0.94 0.00	44.32 -0.67 0.00	42.51 0.05 0.00	38.55 -0.11 0.00	34.35 0.03 0.00	41.58 0.14 0.00	63.66 0.26 0.00	73.37 1.02 0.00	69.54 0.86 0.00	58.03 0.31 0.00	52.21 -0.48 0.00	60.33 -0.82 0.00	66.10 -0.91 0.00	51.71 -1.57 0.00	108.13 -1.15 0.00	86.50 -1.06 0.00	89.97 1.05 0.00	97.18 0.02 0.00	83.02 -0.27 0.00	74.96 1.19 0.00	78.16 1.26 0.00	71.71 0.03 0.00	59.62 -0.31 0.00	46.89 -0.28 0.00
FOX_HILLS___ESR 323835	50.95 2.61 0.00	47.36 2.37 0.00	44.56 2.09 0.00	40.61 1.95 0.00	36.02 1.71 0.00	43.47 2.03 0.00	66.62 3.22 0.00	76.09 3.73 0.00	71.85 3.16 0.00	60.36 2.63 0.00	55.60 2.92 0.00	64.61 3.46 0.00	71.01 3.99 0.00	57.38 3.43 -0.67	114.53 5.25 0.00	91.65 4.10 0.00	93.15 4.23 0.00	102.08 4.93 0.00	87.36 4.07 0.00	77.11 3.34 0.00	79.62 2.73 0.00	74.00 2.32 0.00	61.94 2.01 0.00	48.72 1.54 0.00
FPL_FAR_ROCK_GT1 24212	51.33 2.99 0.00	47.66 2.66 0.00	44.76 2.30 0.00	40.78 2.12 0.00	36.12 1.80 0.00	43.58 2.14 0.00	66.71 3.31 0.00	76.18 3.82 0.00	72.26 3.58 0.00	60.57 2.85 0.00	55.98 3.29 0.00	65.47 4.32 0.00	73.22 4.70 -1.49	57.91 3.77 -0.86	115.07 5.79 0.00	92.28 4.72 0.00	93.82 4.89 0.00	102.94 5.76 -0.02	90.23 5.02 -1.93	77.97 4.19 -0.01	80.64 3.74 0.00	74.93 3.25 0.00	62.74 2.81 0.00	49.15 1.98 0.00
FPL_FAR_ROCK_GT2 23815	51.33 2.99 0.00	47.66 2.66 0.00	44.76 2.30 0.00	40.78 2.12 0.00	36.12 1.80 0.00	43.58 2.14 0.00	66.71 3.31 0.00	76.18 3.82 0.00	72.26 3.58 0.00	60.57 2.85 0.00	55.98 3.29 0.00	65.47 4.32 0.00	73.22 4.70 -1.49	57.91 3.77 -0.86	115.07 5.79 0.00	92.28 4.72 0.00	93.82 4.89 0.00	102.94 5.76 -0.02	90.23 5.02 -1.93	77.97 4.19 -0.01	80.64 3.74 0.00	74.93 3.25 0.00	62.74 2.81 0.00	49.15 1.98 0.00
FRANKLIN_FALL_HYD 24054	49.79 1.46 0.00	46.25 1.25 0.00	43.70 1.23 0.00	39.74 1.08 0.00	35.37 1.05 0.00	42.80 1.36 0.00	65.90 2.50 0.00	75.22 2.87 0.00	71.47 2.79 0.00	59.84 2.12 0.00	54.33 1.65 0.00	62.74 1.59 0.00	68.78 1.77 0.00	54.59 1.30 0.00	112.26 2.98 0.00	90.04 2.49 0.00	91.57 2.64 0.00	99.60 2.44 0.00	85.49 2.20 0.00	75.96 2.19 0.00	79.57 2.67 0.00	74.25 2.57 0.00	61.96 2.03 0.00	48.78 1.61 0.00

FREEMONT___GT1 23764	51.00 2.67 0.00	47.36 2.36 0.00	44.47 2.01 0.00	40.52 1.86 0.00	35.87 1.55 0.00	43.28 1.84 0.00	66.17 2.78 0.00	75.36 3.00 0.00	71.81 3.13 0.00	60.21 2.49 0.00	55.56 2.87 0.00	65.03 3.88 0.00	72.47 4.19 -1.26	57.36 3.36 -0.72	113.60 4.31 0.00	91.06 3.51 0.00	92.43 3.50 0.00	102.10 4.92 -0.02	88.98 4.08 -1.61	77.12 3.34 -0.01	79.73 2.83 0.00	74.22 2.54 0.00	62.41 2.48 0.00	48.87 1.69 0.00
FREEPORT___CT2 23818	51.00 2.67 0.00	47.36 2.36 0.00	44.47 2.01 0.00	40.52 1.86 0.00	35.87 1.55 0.00	43.28 1.84 0.00	66.17 2.78 0.00	75.36 3.00 0.00	71.81 3.13 0.00	60.21 2.49 0.00	55.56 2.87 0.00	65.03 3.88 0.00	72.47 4.19 -1.26	57.36 3.36 -0.72	113.60 4.31 0.00	91.06 3.51 0.00	92.43 3.50 0.00	102.10 4.92 -0.02	88.98 4.08 -1.61	77.12 3.34 -0.01	79.73 2.83 0.00	74.22 2.54 0.00	62.41 2.48 0.00	48.87 1.69 0.00
FRESHKLS_33_KV_LOAD 356253	51.13 2.79 0.00	47.53 2.53 0.00	44.70 2.24 0.00	40.74 2.09 0.00	36.15 1.83 0.00	43.62 2.19 0.00	66.81 3.42 0.00	76.30 3.94 0.00	71.95 3.27 0.00	60.38 2.65 0.00	55.65 2.97 0.00	64.60 3.45 0.00	71.00 3.99 0.00	57.43 3.47 -0.67	114.49 5.21 0.00	91.66 4.11 0.00	93.20 4.27 0.00	102.17 5.02 0.00	87.44 4.15 0.00	77.19 3.43 0.00	79.70 2.80 0.00	74.07 2.39 0.00	61.98 2.05 0.00	48.80 1.63 0.00
FULTON COGEN____ 23766	46.36 -1.98 0.00	43.16 -1.84 0.00	40.74 -1.72 0.00	37.08 -1.58 0.00	32.97 -1.35 0.00	39.87 -1.57 0.00	60.90 -2.50 0.00	69.61 -2.75 0.00	66.08 -2.60 0.00	55.60 -2.13 0.00	50.76 -1.93 0.00	58.80 -2.34 0.00	64.40 -2.61 0.00	51.33 -1.96 0.00	105.88 -3.41 0.00	84.76 -2.79 0.00	86.21 -2.72 0.00	94.27 -2.88 0.00	80.93 -2.36 0.00	71.68 -2.08 0.00	74.57 -2.33 0.00	69.42 -2.26 0.00	58.01 -1.92 0.00	45.65 -1.52 0.00
FULTON___LFG 323630	49.05 0.71 0.00	45.69 0.69 0.00	43.06 0.60 0.00	39.15 0.49 0.00	34.78 0.47 0.00	42.15 0.71 0.00	64.76 1.36 0.00	74.18 1.82 0.00	70.40 1.71 0.00	58.95 1.23 0.00	53.70 1.01 0.00	62.04 0.89 0.00	67.96 0.94 0.00	53.99 0.71 0.00	110.74 1.46 0.00	89.00 1.45 0.00	91.02 2.09 0.00	99.88 2.72 0.00	85.57 2.29 0.00	75.90 2.13 0.00	78.96 2.06 0.00	73.40 1.72 0.00	61.31 1.38 0.00	48.20 1.02 0.00
G.F.CEMENT___DRP 24184	50.58 2.25 0.00	47.03 2.03 0.00	44.29 1.82 0.00	40.49 1.84 0.00	35.95 1.63 0.00	43.51 2.07 0.00	66.21 2.82 0.00	75.92 3.56 0.00	71.94 3.26 0.00	60.30 2.58 0.00	55.09 2.40 0.00	64.04 2.89 0.00	70.19 3.18 0.00	55.99 2.71 0.00	113.84 4.55 0.00	90.96 3.41 0.00	92.48 3.55 0.00	101.18 4.03 0.00	86.72 3.43 0.00	76.72 2.95 0.00	80.58 3.68 0.00	75.14 3.46 0.00	62.41 2.49 0.00	48.91 1.74 0.00
GARDENVILLE___LBMP 24039	43.99 -4.34 0.00	40.54 -4.45 0.00	38.31 -4.16 0.00	33.14 -4.00 1.52	31.05 -3.27 0.00	38.07 -3.37 0.00	57.14 -6.26 0.00	59.11 -7.48 5.77	61.68 -7.00 0.00	18.82 -4.90 34.00	36.60 -5.09 10.99	21.34 -5.87 33.94	32.55 -6.29 28.18	30.28 -5.14 17.86	54.04 -9.92 45.33	62.79 -8.67 16.09	46.49 -8.61 33.82	69.09 -9.12 18.94	72.36 -6.99 3.94	56.08 -6.22 11.47	65.04 -6.80 5.05	63.78 -6.08 1.82	55.43 -4.51 0.00	43.54 -3.14 0.49
GARDNVLA_35_KV_LD 355827	44.45 -3.88 0.00	40.96 -4.03 0.00	38.69 -3.77 0.00	33.76 -3.68 1.22	31.30 -3.02 0.00	38.43 -3.01 0.00	57.79 -5.60 0.00	60.82 -6.69 4.84	62.50 -6.18 0.00	24.52 -4.31 28.89	39.32 -4.52 8.85	30.32 -5.22 25.61	37.54 -5.58 23.90	33.49 -4.58 15.22	61.72 -8.99 38.58	66.27 -7.79 13.49	52.92 -7.72 28.29	73.23 -8.10 15.82	73.97 -6.03 3.29	58.78 -5.41 9.57	66.73 -5.95 4.22	64.85 -5.32 1.52	56.04 -3.89 0.00	44.05 -2.71 0.41
GELCKHM___115KV_LOAD 80723	46.97 -1.36 0.00	43.69 -1.30 0.00	41.23 -1.23 0.00	37.52 -1.13 0.00	33.38 -0.94 0.00	40.40 -1.04 0.00	61.66 -1.73 0.00	70.47 -1.88 0.00	66.89 -1.79 0.00	56.30 -1.43 0.00	51.43 -1.25 0.00	59.63 -1.52 0.00	65.27 -1.75 0.00	51.96 -1.32 0.00	107.18 -2.11 0.00	85.80 -1.76 0.00	87.20 -1.72 0.00	95.40 -1.75 0.00	81.90 -1.39 0.00	72.50 -1.26 0.00	75.42 -1.48 0.00	70.19 -1.49 0.00	58.71 -1.22 0.00	46.21 -0.96 0.00
GENERAL___MILLS 23808	44.29 -4.04 0.00	40.83 -4.17 0.00	38.57 -3.89 0.00	33.60 -3.79 1.27	31.20 -3.12 0.00	38.29 -3.14 0.00	57.56 -5.84 0.00	60.42 -6.95 4.98	62.24 -6.44 0.00	23.55 -4.51 29.67	38.78 -4.73 9.17	28.81 -5.45 26.89	36.63 -5.84 24.55	32.87 -4.79 15.62	60.17 -9.50 39.61	65.46 -8.20 13.89	51.67 -8.12 29.14	72.27 -8.59 16.30	73.42 -6.48 3.39	58.13 -5.77 9.86	66.24 -6.32 4.34	64.49 -5.64 1.56	55.80 -4.13 0.00	43.87 -2.88 0.42
GE_PLASTICS___DRP 24183	49.27 0.93 0.00	45.96 0.96 0.00	43.39 0.93 0.00	39.58 0.92 0.00	35.04 0.73 0.00	42.24 0.80 0.00	64.09 0.69 0.00	73.33 0.97 0.00	69.47 0.79 0.00	58.33 0.61 0.00	53.25 0.57 0.00	61.94 0.79 0.00	67.85 0.84 0.00	54.05 0.77 0.00	110.16 0.88 0.00	88.14 0.59 0.00	89.42 0.49 0.00	97.78 0.63 0.00	83.74 0.45 0.00	74.14 0.37 0.00	77.27 0.37 0.00	72.04 0.36 0.00	60.17 0.24 0.00	47.35 0.18 0.00
GILBOA___1 23756	49.36 1.03 0.00	46.23 1.23 0.00	43.65 1.19 0.00	39.67 1.01 0.00	34.98 0.65 0.00	42.14 0.70 0.00	64.34 0.94 0.00	73.51 1.15 0.00	69.64 0.96 0.00	58.55 0.83 0.00	53.58 0.90 0.00	62.32 1.17 0.00	68.28 1.26 0.00	54.35 1.06 0.00	110.68 1.39 0.00	88.43 0.88 0.00	89.61 0.68 0.00	97.99 0.83 0.00	83.98 0.69 0.00	74.31 0.54 0.00	77.42 0.52 0.00	72.22 0.53 0.00	60.50 0.57 0.00	47.58 0.40 0.00
GILBOA___2 23757	49.36 1.03 0.00	46.23 1.23 0.00	43.65 1.19 0.00	39.67 1.01 0.00	34.98 0.65 0.00	42.14 0.70 0.00	64.34 0.94 0.00	73.51 1.15 0.00	69.64 0.96 0.00	58.55 0.83 0.00	53.58 0.90 0.00	62.32 1.17 0.00	68.28 1.26 0.00	54.35 1.06 0.00	110.68 1.39 0.00	88.43 0.88 0.00	89.61 0.68 0.00	97.99 0.83 0.00	83.98 0.69 0.00	74.31 0.54 0.00	77.42 0.52 0.00	72.22 0.53 0.00	60.50 0.57 0.00	47.58 0.40 0.00
GILBOA___3 23758	49.36 1.03 0.00	46.23 1.23 0.00	43.65 1.19 0.00	39.67 1.01 0.00	34.98 0.65 0.00	42.14 0.70 0.00	64.34 0.94 0.00	73.51 1.15 0.00	69.64 0.96 0.00	58.55 0.83 0.00	53.58 0.90 0.00	62.32 1.17 0.00	68.28 1.26 0.00	54.35 1.06 0.00	110.68 1.39 0.00	88.43 0.88 0.00	89.61 0.68 0.00	97.99 0.83 0.00	83.98 0.69 0.00	74.31 0.54 0.00	77.42 0.52 0.00	72.22 0.53 0.00	60.50 0.57 0.00	47.58 0.40 0.00
GILBOA___4 23759	49.36 1.03 0.00	46.23 1.23 0.00	43.65 1.19 0.00	39.67 1.01 0.00	34.98 0.65 0.00	42.14 0.70 0.00	64.34 0.94 0.00	73.51 1.15 0.00	69.64 0.96 0.00	58.55 0.83 0.00	53.58 0.90 0.00	62.32 1.17 0.00	68.28 1.26 0.00	54.35 1.06 0.00	110.68 1.39 0.00	88.43 0.88 0.00	89.61 0.68 0.00	97.99 0.83 0.00	83.98 0.69 0.00	74.31 0.54 0.00	77.42 0.52 0.00	72.22 0.53 0.00	60.50 0.57 0.00	47.58 0.40 0.00

GILBOA____ 23599	49.37 1.03 0.00	46.23 1.23 0.00	43.65 1.19 0.00	39.67 1.01 0.00	34.98 0.65 0.00	42.14 0.70 0.00	64.33 0.94 0.00	73.51 1.15 0.00	69.64 0.96 0.00	58.55 0.82 0.00	53.58 0.90 0.00	62.30 1.15 0.00	68.27 1.25 0.00	54.34 1.06 0.00	110.68 1.39 0.00	88.44 0.89 0.00	89.60 0.67 0.00	97.99 0.84 0.00	83.98 0.69 0.00	74.30 0.53 0.00	77.42 0.52 0.00	72.22 0.53 0.00	60.50 0.57 0.00	47.57 0.40 0.00
GINNA____ 23603	44.02 -4.31 0.00	40.80 -4.19 0.00	38.48 -3.98 0.00	34.47 -3.76 0.42	31.16 -3.15 0.00	38.03 -3.41 0.00	57.85 -5.54 0.00	64.29 -6.34 1.73	62.79 -5.89 0.00	43.93 -4.69 9.11	45.48 -4.45 2.76	47.91 -5.33 7.91	53.26 -5.74 8.01	43.65 -4.52 5.11	87.32 -8.85 13.11	75.70 -7.22 4.63	72.29 -7.20 9.44	84.16 -7.67 5.32	75.94 -6.25 1.09	65.02 -5.58 3.17	69.46 -6.04 1.40	65.52 -5.66 0.50	55.35 -4.58 0.00	43.63 -3.41 0.13
GLEN PARK____ 23778	47.44 -0.89 0.00	44.34 -0.65 0.00	42.52 0.06 0.00	38.56 -0.10 0.00	34.37 0.05 0.00	41.63 0.19 0.00	63.75 0.35 0.00	73.45 1.10 0.00	69.62 0.93 0.00	58.03 0.31 0.00	52.21 -0.47 0.00	60.34 -0.81 0.00	66.05 -0.97 0.00	51.65 -1.64 0.00	108.22 -1.07 0.00	86.63 -0.92 0.00	90.21 1.29 0.00	97.53 0.38 0.00	83.35 0.06 0.00	75.21 1.45 0.00	78.40 1.50 0.00	71.88 0.19 0.00	59.73 -0.20 0.00	46.96 -0.21 0.00
GLENDALE_27_KV_LOAD 356172	51.03 2.70 0.00	47.42 2.42 0.00	44.60 2.14 0.00	40.65 1.99 0.00	36.07 1.75 0.00	43.53 2.09 0.00	66.72 3.33 0.00	76.30 3.94 0.00	72.14 3.46 0.00	60.71 2.98 0.00	55.89 3.21 0.00	65.10 3.96 0.00	71.44 4.42 0.00	57.65 3.69 -0.67	115.43 6.14 0.00	92.26 4.70 0.00	93.65 4.73 0.00	102.60 5.45 0.00	87.78 4.49 0.00	77.44 3.67 0.00	79.97 3.07 0.00	74.33 2.65 0.00	62.15 2.22 0.00	48.82 1.64 0.00
GLENWOOD_IC_1_G5 23712	50.90 2.56 0.00	47.29 2.30 0.00	44.47 2.01 0.00	40.52 1.86 0.00	35.89 1.57 0.00	43.32 1.88 0.00	66.33 2.93 0.00	75.74 3.38 0.00	71.79 3.11 0.00	60.30 2.58 0.00	55.58 2.89 0.00	64.92 3.77 0.00	72.73 4.11 -1.60	57.55 3.35 -0.92	114.45 5.17 0.00	91.73 4.18 0.00	93.24 4.31 0.00	102.35 5.17 -0.03	89.65 4.29 -2.07	77.32 3.54 -0.02	79.98 3.08 0.00	74.32 2.64 0.00	62.22 2.29 0.00	48.78 1.61 0.00
GLENWOOD_IC_2_G1 23688	50.71 2.37 0.00	47.13 2.14 0.00	44.33 1.86 0.00	40.39 1.73 0.00	35.79 1.48 0.00	43.20 1.76 0.00	66.16 2.76 0.00	75.56 3.20 0.00	71.53 2.85 0.00	60.16 2.43 0.00	55.37 2.68 0.00	64.65 3.51 0.00	70.92 3.83 -0.07	56.46 3.14 -0.04	114.22 4.93 0.00	91.43 3.88 0.00	92.90 3.97 0.00	101.89 4.74 0.00	87.30 3.93 -0.09	77.00 3.23 0.00	79.66 2.77 0.00	74.07 2.39 0.00	61.99 2.06 0.00	48.62 1.45 0.00
GLENWOOD_IC_3_G1 23689	50.71 2.37 0.00	47.13 2.14 0.00	44.33 1.86 0.00	40.39 1.73 0.00	35.79 1.48 0.00	43.20 1.76 0.00	66.16 2.76 0.00	75.56 3.20 0.00	71.53 2.85 0.00	60.16 2.43 0.00	55.37 2.68 0.00	64.65 3.51 0.00	70.92 3.83 -0.07	56.46 3.14 -0.04	114.22 4.93 0.00	91.43 3.88 0.00	92.90 3.97 0.00	101.89 4.74 0.00	87.30 3.93 -0.09	77.00 3.23 0.00	79.66 2.77 0.00	74.07 2.39 0.00	61.99 2.06 0.00	48.62 1.45 0.00
GLENWOOD____4 23550	50.90 2.56 0.00	47.29 2.30 0.00	44.47 2.01 0.00	40.52 1.86 0.00	35.89 1.57 0.00	43.32 1.88 0.00	66.33 2.93 0.00	75.74 3.38 0.00	71.79 3.11 0.00	60.30 2.58 0.00	55.58 2.89 0.00	64.92 3.77 0.00	72.73 4.11 -1.60	57.55 3.35 -0.92	114.45 5.17 0.00	91.73 4.18 0.00	93.24 4.31 0.00	102.35 5.17 -0.03	89.65 4.29 -2.07	77.32 3.54 -0.02	79.98 3.08 0.00	74.32 2.64 0.00	62.22 2.29 0.00	48.78 1.61 0.00
GLENWOOD____5 23614	50.90 2.56 0.00	47.29 2.30 0.00	44.47 2.01 0.00	40.52 1.86 0.00	35.89 1.57 0.00	43.32 1.88 0.00	66.33 2.93 0.00	75.74 3.38 0.00	71.79 3.11 0.00	60.30 2.58 0.00	55.58 2.89 0.00	64.92 3.77 0.00	72.73 4.11 -1.60	57.55 3.35 -0.92	114.45 5.17 0.00	91.73 4.18 0.00	93.24 4.31 0.00	102.35 5.17 -0.03	89.65 4.29 -2.07	77.32 3.54 -0.02	79.98 3.08 0.00	74.32 2.64 0.00	62.22 2.29 0.00	48.78 1.61 0.00
GLOBAL GREEN_PORT_GT1 23814	50.17 1.84 0.00	46.41 1.41 0.00	43.56 1.10 0.00	39.76 1.11 0.00	35.20 0.88 0.00	42.44 1.00 0.00	74.19 1.47 -9.33	85.82 1.68 -11.78	81.54 1.76 -11.09	67.96 1.58 -8.65	54.84 1.76 -0.40	66.17 2.92 -2.10	74.70 3.27 -4.42	56.90 2.85 -0.77	121.94 2.56 -10.09	98.26 2.84 -7.87	106.97 3.41 -14.63	118.02 4.44 -16.43	101.93 3.65 -15.00	88.16 2.77 -11.63	91.88 1.99 -13.00	85.73 1.35 -12.69	70.01 1.33 -8.75	47.92 0.75 0.00
GLOBE____DSASP 323697	43.19 -5.14 0.00	39.83 -5.17 0.00	37.59 -4.87 0.00	32.86 -4.72 1.08	30.40 -3.92 0.00	37.33 -4.11 0.00	55.87 -7.52 0.00	59.01 -9.11 4.23	60.21 -8.47 0.00	26.43 -6.22 25.08	38.52 -6.44 7.73	31.24 -7.52 22.38	38.14 -8.07 20.81	33.50 -6.54 13.24	62.18 -13.53 33.58	64.54 -11.25 11.76	53.00 -11.23 24.69	71.20 -12.15 13.80	70.87 -9.56 2.86	57.03 -8.40 8.34	64.20 -9.02 3.67	62.25 -8.11 1.32	54.15 -5.78 0.00	42.95 -3.87 0.36
GOETHSLN____LBMP 323567	50.62 2.29 0.00	47.04 2.05 0.00	44.26 1.80 0.00	40.34 1.68 0.00	35.79 1.47 0.00	43.21 1.77 0.00	66.27 2.88 0.00	75.70 3.34 0.00	71.50 2.82 0.00	60.18 2.45 0.00	55.39 2.71 0.00	64.58 3.43 0.00	70.85 3.84 0.00	57.14 3.18 -0.68	114.60 5.31 0.00	91.64 4.08 0.00	93.01 4.09 0.00	101.91 4.76 0.00	87.20 3.91 0.00	76.94 3.18 0.00	79.40 2.50 0.00	73.81 2.13 0.00	61.72 1.79 0.00	48.46 1.28 0.00
GOLAH____69_KV_TB 1_2 80279	46.05 -2.29 0.00	42.58 -2.42 0.00	40.17 -2.29 0.00	35.70 -2.27 0.68	32.53 -1.79 0.00	39.76 -1.68 0.00	60.29 -3.11 0.00	66.16 -3.53 2.67	65.52 -3.16 0.00	40.33 -2.18 15.22	45.67 -2.41 4.61	45.95 -2.96 12.24	51.17 -3.07 12.78	42.62 -2.51 8.16	83.96 -4.61 20.71	76.28 -4.00 7.27	69.97 -3.84 15.12	84.69 -3.96 8.50	78.63 -2.90 1.75	66.09 -2.57 5.10	71.67 -2.98 2.25	68.11 -2.76 0.81	57.97 -1.96 0.00	45.66 -1.30 0.22
GOODYEAR_LAKE_HYD 323669	48.99 0.65 0.00	45.66 0.66 0.00	43.11 0.65 0.00	39.13 0.48 0.00	34.63 0.31 0.00	42.00 0.56 0.00	64.52 1.12 0.00	73.80 1.45 0.00	69.99 1.31 0.00	58.87 1.15 0.00	53.97 1.29 0.00	62.52 1.37 0.00	68.40 1.38 0.00	54.35 1.07 0.00	111.34 2.06 0.00	89.34 1.78 0.00	90.70 1.78 0.00	99.42 2.27 0.00	85.32 2.04 0.00	75.51 1.74 0.00	78.42 1.52 0.00	72.81 1.13 0.00	60.86 0.92 0.00	47.87 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.73 -0.61 0.00	44.35 -0.65 0.00	41.90 -0.57 0.00	37.75 -0.59 0.32	33.82 -0.50 0.00	41.00 -0.44 0.00	62.55 -0.85 0.00	69.48 -1.04 1.84	67.65 -1.04 0.00	50.40 -0.74 6.58	50.02 -0.65 2.02	56.72 -0.67 3.76	60.98 -0.85 5.18	49.25 -0.70 3.33	99.38 -1.50 8.41	82.31 -1.36 3.88	74.91 -1.39 12.62	88.83 -1.25 7.07	81.07 -0.73 1.48	68.68 -0.77 4.31	73.97 -1.03 1.90	69.99 -1.01 0.68	59.19 -0.74 0.00	46.38 -0.61 0.18

GOUDEY___7 23579	47.73 -0.61 0.00	44.35 -0.65 0.00	41.90 -0.57 0.00	37.75 -0.59 0.32	33.82 -0.50 0.00	41.00 -0.44 0.00	62.55 -0.85 0.00	69.48 -1.04 1.84	67.65 -1.04 0.00	50.40 -0.74 6.58	50.02 -0.65 2.02	56.72 -0.67 3.76	60.98 -0.85 5.18	49.25 -0.70 3.33	99.38 -1.50 8.41	82.31 -1.36 3.88	74.91 -1.39 12.62	88.83 -1.25 7.07	81.07 -0.73 1.48	68.68 -0.77 4.31	73.97 -1.03 1.90	69.99 -1.01 0.68	59.19 -0.74 0.00	46.38 -0.61 0.18
GOUDEY___8 23580	47.73 -0.61 0.00	44.35 -0.65 0.00	41.90 -0.57 0.00	37.75 -0.59 0.32	33.82 -0.50 0.00	41.00 -0.44 0.00	62.55 -0.85 0.00	69.48 -1.04 1.84	67.65 -1.04 0.00	50.40 -0.74 6.58	50.02 -0.65 2.02	56.72 -0.67 3.76	60.98 -0.85 5.18	49.25 -0.70 3.33	99.38 -1.50 8.41	82.31 -1.36 3.88	74.91 -1.39 12.62	88.83 -1.25 7.07	81.07 -0.73 1.48	68.68 -0.77 4.31	73.97 -1.03 1.90	69.99 -1.01 0.68	59.19 -0.74 0.00	46.38 -0.61 0.18
GOWANUS_GT1_1 24077	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT1_2 24078	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT1_3 24079	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT1_4 24080	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 0.00	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT1_5 24084	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT1_6 24111	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT1_7 24112	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT1_8 24113	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT2_1 24114	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT2_2 24115	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT2_3 24116	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT2_4 24117	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT2_5 24118	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00

GOWANUS_GT2_6 24119	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT2_7 24120	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT2_8 24121	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT3_1 24122	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT3_2 24123	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT3_3 24124	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT3_4 24125	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
GOWANUS_GT3_5 24126	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00															

GOWANUS_GT4_5 24134	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT4_6 24135	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT4_7 24136	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GOWANUS_GT4_8 24137	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GREATVR_69_KV_BK1 356245	51.65 3.31 0.00	47.88 2.88 0.00	44.94 2.48 0.00	40.97 2.32 0.00	36.26 1.94 0.00	43.71 2.27 0.00	73.83 3.54 -6.89	85.07 4.02 -8.70	80.88 4.01 -8.19	67.41 3.30 -6.39	56.39 3.41 -0.30	67.44 4.74 -1.55	75.90 5.34 -3.54	58.14 4.13 -0.73	122.88 6.14 -7.45	98.66 5.30 -5.81	105.39 5.66 -10.81	116.35 7.06 -12.13	100.62 5.89 -11.44	87.16 4.80 -8.59	90.72 4.22 -9.60	84.62 3.56 -9.37	69.68 3.29 -6.46	49.38 2.21 0.00
GREENBSH_115KV_TB3 55895	49.22 0.88 0.00	45.93 0.93 0.00	43.37 0.91 0.00	39.61 0.95 0.00	35.07 0.76 0.00	42.24 0.80 0.00	63.86 0.46 0.00	73.13 0.77 0.00	69.28 0.60 0.00	58.13 0.41 0.00	53.01 0.32 0.00	61.67 0.53 0.00	67.55 0.53 0.00	53.82 0.53 0.00	109.63 0.35 0.00	87.72 0.17 0.00	88.98 0.06 0.00	97.29 0.14 0.00	83.30 0.01 0.00	73.73 -0.03 0.00	76.90 0.00 0.00	71.72 0.04 0.00	59.86 -0.07 0.00	47.13 -0.04 0.00
GREENDGE_115KV_TB5 80291	45.88 -2.46 0.00	42.28 -2.72 0.00	39.99 -2.48 0.00	31.23 -2.31 5.11	32.53 -1.79 0.00	39.95 -1.49 0.00	60.53 -2.87 0.00	50.15 -3.49 18.72	65.18 -3.50 0.01	-45.55 -2.59 100.69	17.53 -2.81 32.35	-1.51 -3.08 59.58	-18.86 -4.26 81.62	-2.05 -2.88 52.45	-31.78 -5.80 135.27	28.39 -4.51 54.65	-33.78 -4.49 118.22	26.39 -4.37 66.39	66.55 -2.87 13.86	30.21 -3.19 40.37	55.19 -3.92 17.79	60.90 -4.38 6.40	56.27 -3.66 0.00	42.99 -2.46 1.72
GREENIDGE___3 23582	45.88 -2.46 0.00	42.28 -2.72 0.00	39.99 -2.48 0.00	31.23 -2.31 5.11	32.53 -1.79 0.00	39.95 -1.49 0.00	60.53 -2.87 0.00	50.15 -3.49 18.72	65.18 -3.50 0.01	-45.55 -2.59 100.69	17.53 -2.81 32.35	-1.51 -3.08 59.58	-18.86 -4.26 81.62	-2.05 -2.88 52.45	-31.78 -5.80 135.27	28.39 -4.51 54.65	-33.78 -4.49 118.22	26.39 -4.37 66.39	66.55 -2.87 13.86	30.21 -3.19 40.37	55.19 -3.92 17.79	60.90 -4.38 6.40	56.27 -3.66 0.00	42.99 -2.46 1.72
GREENIDGE___4 23583	45.88 -2.46 0.00	42.28 -2.72 0.00	39.99 -2.48 0.00	31.22 -2.32 5.11	32.53 -1.79 0.00	39.95 -1.49 0.00	60.53 -2.87 0.00	50.11 -3.53 18.72	65.17 -3.50 0.01	-45.77 -2.81 100.69	17.45 -2.89 32.35	-1.72 -3.29 59.58	-19.11 -4.51 81.62	-2.21 -3.04 52.45	-31.97 -5.98 135.27	28.27 -4.63 54.65	-33.96 -4.66 118.22	26.34 -4.42 66.39	66.54 -2.88 13.86	30.18 -3.22 40.37	55.17 -3.94 17.79	60.90 -4.38 6.40	56.27 -3.66 0.00	42.96 -2.49 1.72
GREENLWN_69_KV_BK 3 55738	50.74 2.40 0.00	47.10 2.10 0.00	44.20 1.73 0.00	40.30 1.64 0.00	35.61 1.29 0.00	42.87 1.43 0.00	57.27 2.02 8.14	64.33 2.25 10.29	61.17 2.17 9.69	51.91 1.74 7.56	54.55 2.21 0.35	62.45 3.13 1.83	68.40 3.49 2.11	56.57 2.95 -0.34	103.97 3.49 8.81	83.67 2.99 6.87	79.36 3.21 12.77	87.07 4.23 14.31	75.88 3.43 10.84	66.36 2.73 10.14	67.66 2.11 11.34	62.32 1.72 11.08	53.99 1.70 7.64	48.34 1.17 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00
GRISSOM___SOLAR 323813	49.39 1.05 0.00	46.00 1.00 0.00	43.33 0.86 0.00	39.40 0.74 0.00	35.01 0.69 0.00	42.43 0.99 0.00	65.10 1.71 0.00	74.56 2.20 0.00	70.74 2.06 0.00	59.20 1.48 0.00	53.84 1.16 0.00	62.31 1.16 0.00	68.31 1.29 0.00	54.25 0.97 0.00	111.08 1.80 0.00	89.29 1.74 0.00	91.37 2.45 0.00	100.29 3.13 0.00	85.93 2.64 0.00	76.17 2.40 0.00	79.27 2.37 0.00	73.70 2.02 0.00	61.56 1.63 0.00	48.37 1.20 0.00
GROVEVILLE___HYD 323602	50.73 2.39 0.00	47.20 2.20 0.00	44.44 1.97 0.00	40.46 1.80 0.00	35.88 1.57 0.00	43.35 1.91 0.00	66.47 3.07 0.00	75.93 3.57 0.00	71.86 3.17 0.00	60.43 2.71 0.00	55.50 2.81 0.00	64.63 3.49 0.00	70.83 3.82 0.00	56.40 3.12 0.00	114.68 5.39 0.00	91.79 4.23 0.00	93.30 4.37 0.00	102.30 5.14 0.00	87.61 4.32 0.00	77.41 3.65 0.00	80.21 3.31 0.00	74.58 2.90 0.00	62.31 2.38 0.00	48.86 1.69 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.26 -1.07 0.00	43.96 -1.04 0.00	41.49 -0.97 0.00	37.76 -0.90 0.00	33.60 -0.72 0.00	40.68 -0.76 0.00	62.13 -1.26 0.00	70.99 -1.37 0.00	67.36 -1.32 0.00	61.25 -1.02 -4.55	53.14 -0.86 -1.32	60.07 -1.08 0.00	65.71 -1.31 0.00	52.32 -0.96 0.00	107.93 -1.36 0.00	86.99 -1.12 -0.56	92.80 -1.04 -4.92	98.92 -1.00 -2.77	83.16 -0.71 -0.58	74.76 -0.69 -1.68	76.75 -0.89 -0.74	70.97 -0.98 -0.27	59.13 -0.80 0.00	46.59 -0.66 -0.07
HAMLTNNY_34_KV_TB 80303	47.32 -1.02 0.00	43.97 -1.02 0.00	41.50 -0.96 0.00	37.74 -0.92 0.00	33.61 -0.71 0.00	40.75 -0.69 0.00	62.20 -1.20 0.00	71.05 -1.31 0.00	67.42 -1.26 0.00	61.20 -0.94 -4.42	53.17 -0.80 -1.29	60.08 -1.07 0.00	65.72 -1.30 0.00	52.34 -0.94 0.00	108.03 -1.26 0.00	86.44 -1.11 0.00	87.93 -1.00 0.00	96.30 -0.86 0.00	82.72 -0.57 0.00	73.18 -0.59 0.00	76.10 -0.80 0.00	70.75 -0.93 0.00	59.20 -0.73 0.00	46.61 -0.56 0.00

HAMPSHIRE___PAPER_HYD 323593	48.46 0.12 0.00	45.21 0.21 0.00	43.00 0.54 0.00	39.02 0.36 0.00	34.75 0.43 0.00	41.94 0.50 0.00	64.38 0.99 0.00	73.92 1.56 0.00	70.15 1.47 0.00	58.69 0.96 0.00	53.12 0.43 0.00	61.35 0.21 0.00	67.27 0.25 0.00	53.05 -0.23 0.00	109.60 0.32 0.00	87.39 -0.17 0.00	89.30 0.38 0.00	96.68 -0.47 0.00	82.75 -0.54 0.00	74.26 0.49 0.00	77.97 1.07 0.00	72.62 0.94 0.00	60.52 0.59 0.00	47.65 0.48 0.00
HARDSCRABBLE_WT_PWR 323673	50.94 2.61 0.00	47.54 2.55 0.00	44.91 2.45 0.00	40.94 2.28 0.00	36.36 2.05 0.00	44.00 2.56 0.00	66.99 3.59 0.00	76.17 3.82 0.00	72.18 3.49 0.00	60.45 2.73 0.00	55.08 2.40 0.00	63.93 2.78 0.00	69.66 2.64 0.00	55.26 1.98 0.00	112.66 3.37 0.00	90.40 2.85 0.00	92.47 3.54 0.00	101.87 4.72 0.00	87.37 4.09 0.00	77.31 3.54 0.00	80.34 3.45 0.00	74.63 2.94 0.00	62.55 2.62 0.00	49.09 1.91 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.48 2.14 0.00	46.95 1.96 0.00	44.21 1.74 0.00	40.25 1.59 0.00	35.70 1.38 0.00	43.14 1.70 0.00	66.23 2.83 0.00	75.57 3.21 0.00	71.50 2.81 0.00	60.12 2.40 0.00	55.24 2.56 0.00	64.28 3.13 0.00	70.50 3.48 0.00	56.14 2.85 0.00	114.19 4.91 0.00	91.37 3.82 0.00	92.92 3.99 0.00	101.89 4.74 0.00	87.23 3.94 0.00	77.11 3.35 0.00	79.86 2.96 0.00	74.30 2.61 0.00	62.06 2.13 0.00	48.66 1.48 0.00
HARSNRAD_115KV_TB1 81005	43.83 -4.51 0.00	40.39 -4.61 0.00	38.13 -4.33 0.00	33.36 -4.21 1.08	30.85 -3.47 0.00	37.87 -3.57 0.00	56.78 -6.62 0.00	60.41 -7.73 4.22	61.54 -7.14 0.00	27.96 -4.91 24.86	39.76 -5.20 7.72	32.60 -6.06 22.49	39.91 -6.47 20.64	34.77 -5.38 13.13	65.37 -10.60 33.31	66.83 -9.02 11.70	55.44 -8.94 24.54	73.68 -9.74 13.73	72.81 -7.63 2.85	58.81 -6.67 8.29	65.99 -7.25 3.66	63.80 -6.57 1.31	55.13 -4.80 0.00	43.59 -3.22 0.35
HARZA MOOSE___RIVER 24016	48.49 0.15 0.00	45.37 0.38 0.00	43.18 0.72 0.00	39.17 0.52 0.00	34.90 0.58 0.00	42.20 0.76 0.00	64.64 1.24 0.00	74.90 2.54 0.00	71.04 2.36 0.00	59.53 1.81 0.00	53.49 0.81 0.00	61.87 0.73 0.00	67.61 0.59 0.00	53.31 0.02 0.00	110.34 1.05 0.00	88.14 0.58 0.00	90.55 1.63 0.00	98.35 1.20 0.00	84.11 0.83 0.00	75.31 1.54 0.00	78.50 1.60 0.00	72.55 0.87 0.00	60.47 0.54 0.00	47.53 0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.95 -1.39 0.00	43.66 -1.34 0.00	41.21 -1.25 0.00	37.50 -1.16 0.00	33.34 -0.98 0.00	40.36 -1.08 0.00	61.62 -1.78 0.00	70.41 -1.95 0.00	66.82 -1.86 0.00	56.27 -1.45 0.00	51.40 -1.28 0.00	59.61 -1.54 0.00	65.27 -1.74 0.00	51.97 -1.31 0.00	107.15 -2.13 0.00	85.78 -1.77 0.00	87.17 -1.76 0.00	95.34 -1.81 0.00	81.85 -1.44 0.00	72.44 -1.32 0.00	75.36 -1.54 0.00	70.16 -1.53 0.00	58.66 -1.27 0.00	46.17 -1.01 0.00
HELLGATE_13_KV_LD 55870	51.12 2.78 0.00	47.51 2.51 0.00	44.68 2.22 0.00	40.74 2.09 0.00	36.15 1.83 0.00	43.60 2.16 0.00	66.86 3.46 0.00	76.52 4.16 0.00	72.33 3.64 0.00	60.85 3.13 0.00	56.03 3.35 0.00	65.27 4.13 0.00	71.62 4.60 0.00	57.79 3.83 -0.67	115.69 6.40 0.00	92.45 4.90 0.00	93.85 4.93 0.00	102.81 5.65 0.00	87.96 4.67 0.00	77.59 3.83 0.00	80.15 3.25 0.00	74.48 2.80 0.00	62.27 2.34 0.00	48.91 1.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.12 2.78 0.00	47.51 2.51 0.00	44.68 2.22 0.00	40.74 2.09 0.00	36.15 1.83 0.00	43.60 2.16 0.00	66.86 3.46 0.00	76.52 4.16 0.00	72.33 3.64 0.00	60.85 3.13 0.00	56.03 3.35 0.00	65.27 4.13 0.00	71.62 4.60 0.00	57.79 3.83 -0.67	115.69 6.40 0.00	92.45 4.90 0.00	93.85 4.93 0.00	102.81 5.65 0.00	87.96 4.67 0.00	77.59 3.83 0.00	80.15 3.25 0.00	74.48 2.80 0.00	62.27 2.34 0.00	48.91 1.74 0.00
HEMPSTEAD____ 23647	50.69 2.35 0.00	47.08 2.09 0.00	44.23 1.77 0.00	40.31 1.65 0.00	35.70 1.38 0.00	43.06 1.62 0.00	65.89 2.49 0.00	75.19 2.84 0.00	71.40 2.72 0.00	59.94 2.21 0.00	55.28 2.59 0.00	64.66 3.51 0.00	72.21 3.80 -1.39	57.17 3.09 -0.80	113.57 4.29 0.00	91.05 3.50 0.00	92.52 3.59 0.00	101.75 4.58 -0.02	88.84 3.77 -1.79	76.84 3.06 -0.01	79.44 2.54 0.00	73.84 2.16 0.00	61.95 2.02 0.00	48.54 1.37 0.00
HICKLING___1 23621	44.85 -3.48 0.00	41.31 -3.69 0.00	39.11 -3.36 0.00	31.56 -3.14 3.95	31.77 -2.55 0.00	39.00 -2.44 0.00	58.94 -4.45 0.00	52.00 -5.91 14.45	63.01 -5.67 0.01	-28.59 -4.33 81.98	23.04 -4.14 25.51	0.07 -4.59 56.49	-4.88 -5.21 66.69	6.40 -4.18 42.71	-7.32 -8.51 108.09	40.12 -7.07 40.36	-2.37 -7.43 83.87	42.38 -7.69 47.09	68.00 -5.46 9.83	39.89 -5.25 28.62	58.41 -5.88 12.61	61.80 -5.35 4.54	55.74 -4.19 0.00	42.63 -3.32 1.22
HICKLING___2 23622	44.85 -3.48 0.00	41.31 -3.69 0.00	39.11 -3.36 0.00	31.56 -3.14 3.95	31.77 -2.55 0.00	39.00 -2.44 0.00	58.94 -4.45 0.00	52.00 -5.91 14.45	63.01 -5.67 0.01	-28.59 -4.33 81.98	23.04 -4.14 25.51	0.07 -4.59 56.49	-4.88 -5.21 66.69	6.40 -4.18 42.71	-7.32 -8.51 108.09	40.12 -7.07 40.36	-2.37 -7.43 83.87	42.38 -7.69 47.09	68.00 -5.46 9.83	39.89 -5.25 28.62	58.41 -5.88 12.61	61.80 -5.35 4.54	55.74 -4.19 0.00	42.63 -3.32 1.22
HIGH FALLS___HY 23754	50.68 2.34 0.00	47.14 2.15 0.00	44.38 1.92 0.00	40.38 1.73 0.00	35.80 1.48 0.00	43.29 1.85 0.00	66.60 3.20 0.00	76.05 3.70 0.00	71.95 3.27 0.00	60.53 2.80 0.00	55.54 2.85 0.00	64.57 3.42 0.00	70.80 3.78 0.00	56.19 2.91 0.00	114.22 4.94 0.00	91.76 4.21 0.00	93.53 4.61 0.00	102.68 5.53 0.00	88.00 4.72 0.00	77.77 4.00 0.00	80.52 3.62 0.00	74.84 3.15 0.00	62.50 2.56 0.00	48.97 1.80 0.00
HIGH_RIVER___SOLAR 323847	49.20 0.87 0.00	45.84 0.84 0.00	43.25 0.79 0.00	39.36 0.70 0.00	34.95 0.63 0.00	42.29 0.85 0.00	64.83 1.43 0.00	74.23 1.88 0.00	70.29 1.60 0.00	58.69 0.96 0.00	53.48 0.80 0.00	61.70 0.55 0.00	67.60 0.59 0.00	53.79 0.51 0.00	110.38 1.09 0.00	88.66 1.10 0.00	90.81 1.89 0.00	99.76 2.61 0.00	85.50 2.21 0.00	75.80 2.03 0.00	78.89 1.99 0.00	73.40 1.71 0.00	61.30 1.37 0.00	48.19 1.02 0.00
HILLBURN___GT 23639	50.35 2.01 0.00	46.85 1.85 0.00	44.10 1.63 0.00	40.15 1.50 0.00	35.61 1.29 0.00	43.02 1.59 0.00	66.08 2.69 0.00	75.40 3.04 0.00	71.29 2.61 0.00	59.93 2.20 0.00	55.05 2.36 0.00	64.08 2.93 0.00	70.35 3.34 0.00	56.01 2.73 0.00	113.88 4.59 0.00	91.03 3.48 0.00	92.54 3.61 0.00	101.44 4.28 0.00	86.84 3.55 0.00	76.76 2.99 0.00	79.48 2.58 0.00	73.95 2.27 0.00	61.81 1.87 0.00	48.47 1.29 0.00
HILLSIDE_115KV_TB1 80332	44.48 -3.86 0.00	40.97 -4.03 0.00	38.80 -3.66 0.00	31.45 -3.43 3.78	31.46 -2.86 0.00	38.54 -2.90 0.00	58.34 -5.05 0.00	52.22 -6.61 13.53	62.42 -6.26 0.00	-24.80 -4.84 77.69	23.62 -4.59 24.47	1.96 -5.06 54.13	-1.93 -5.75 63.20	8.24 -4.58 40.47	-3.03 -9.92 102.40	40.57 -8.27 38.71	1.64 -8.69 78.59	43.97 -9.06 44.12	67.49 -6.58 9.21	40.69 -6.26 26.82	58.25 -6.83 11.82	61.19 -6.24 4.25	55.11 -4.83 0.00	42.18 -3.85 1.14

HISHELDN_WT_PWR 323625	43.43 -4.91 0.00	40.02 -4.98 0.00	37.84 -4.62 0.00	32.37 -4.38 1.90	30.81 -3.50 0.00	37.66 -3.78 0.00	56.45 -6.95 0.00	56.85 -8.52 6.99	60.60 -8.09 0.00	10.78 -6.02 40.93	32.92 -6.03 13.73	9.94 -6.98 44.23	25.53 -7.56 33.94	25.84 -5.99 21.45	44.08 -10.74 54.45	58.41 -9.60 19.54	38.24 -9.55 41.14	64.27 -9.83 23.05	70.93 -7.55 4.80	52.90 -6.89 13.98	63.17 -7.57 6.16	62.71 -6.76 2.22	54.73 -5.21 0.00	42.80 -3.77 0.60
HOLTSVILLE_IC_1 23690	50.74 2.40 0.00	47.06 2.06 0.00	44.16 1.69 0.00	40.26 1.61 0.00	35.62 1.30 0.00	42.88 1.45 0.00	75.29 2.03 -9.87	87.04 2.22 -12.46	82.61 2.19 -11.74	68.73 1.85 -9.15	55.31 2.20 -0.42	66.62 3.25 -2.22	75.35 3.71 -4.62	57.16 3.10 -0.78	123.45 3.49 -10.67	98.94 3.06 -8.32	107.79 3.38 -15.48	119.02 4.49 -17.38	102.77 3.69 -15.79	88.96 2.89 -12.30	92.90 2.25 -13.75	86.90 1.79 -13.43	70.99 1.80 -9.25	48.45 1.27 0.00
HOLTSVILLE_IC_10 23699	50.96 2.62 0.00	47.25 2.25 0.00	44.33 1.86 0.00	40.43 1.77 0.00	35.76 1.45 0.00	43.08 1.63 0.00	73.76 2.35 -8.02	85.06 2.58 -10.13	80.79 2.57 -9.54	67.30 2.14 -7.44	55.47 2.44 -0.35	66.54 3.59 -1.80	75.07 4.12 -3.93	57.41 3.39 -0.74	121.96 4.00 -8.68	97.85 3.53 -6.76	105.42 3.91 -12.58	116.43 5.15 -14.12	100.62 4.26 -13.07	87.15 3.38 -10.00	90.81 2.74 -11.17	84.80 2.21 -10.91	69.60 2.15 -7.52	48.68 1.51 0.00
HOLTSVILLE_IC_2 23691	50.74 2.40 0.00	47.06 2.06 0.00	44.16 1.69 0.00	40.26 1.61 0.00	35.62 1.30 0.00	42.88 1.45 0.00	75.29 2.03 -9.87	87.04 2.22 -12.46	82.61 2.19 -11.74	68.73 1.85 -9.15	55.31 2.20 -0.42	66.62 3.25 -2.22	75.35 3.71 -4.62	57.16 3.10 -0.78	123.45 3.49 -10.67	98.94 3.06 -8.32	107.79 3.38 -15.48	119.02 4.49 -17.38	102.77 3.69 -15.79	88.96 2.89 -12.30	92.90 2.25 -13.75	86.90 1.79 -13.43	70.99 1.80 -9.25	48.45 1.27 0.00
HOLTSVILLE_IC_3 23692	50.74 2.40 0.00	47.06 2.06 0.00	44.16 1.69 0.00	40.26 1.61 0.00	35.62 1.30 0.00	42.88 1.45 0.00	75.29 2.03 -9.87	87.04 2.22 -12.46	82.61 2.19 -11.74	68.73 1.85 -9.15	55.31 2.20 -0.42	66.62 3.25 -2.22	75.35 3.71 -4.62	57.16 3.10 -0.78	123.45 3.49 -10.67	98.94 3.06 -8.32	107.79 3.38 -15.48	119.02 4.49 -17.38	102.77 3.69 -15.79	88.96 2.89 -12.30	92.90 2.25 -13.75	86.90 1.79 -13.43	70.99 1.80 -9.25	48.45 1.27 0.00
HOLTSVILLE_IC_4 23693	50.74 2.40 0.00	47.06 2.06 0.00	44.16 1.69 0.00	40.26 1.61 0.00	35.62 1.30 0.00	42.88 1.45 0.00	75.29 2.03 -9.87	87.04 2.22 -12.46	82.61 2.19 -11.74	68.73 1.85 -9.15	55.31 2.20 -0.42	66.62 3.25 -2.22	75.35 3.71 -4.62	57.16 3.10 -0.78	123.45 3.49 -10.67	98.94 3.06 -8.32	107.79 3.38 -15.48	119.02 4.49 -17.38	102.77 3.69 -15.79	88.96 2.89 -12.30	92.90 2.25 -13.75	86.90 1.79 -13.43	70.99 1.80 -9.25	48.45 1.27 0.00
HOLTSVILLE_IC_5 23694	50.74 2.40 0.00	47.06 2.06 0.00	44.16 1.69 0.00	40.26 1.61 0.00	35.62 1.30 0.00	42.88 1.45 0.00	75.29 2.03 -9.87	87.04 2.22 -12.46	82.61 2.19 -11.74	68.73 1.85 -9.15	55.31 2.20 -0.42	66.62 3.25 -2.22	75.35 3.71 -4.62	57.16 3.10 -0.78	123.45 3.49 -10.67	98.94 3.06 -8.32	107.79 3.38 -15.48	119.02 4.49 -17.38	102.77 3.69 -15.79	88.96 2.89 -12.30	92.90 2.25 -13.75	86.90 1.79 -13.43	70.99 1.80 -9.25	48.45 1.27 0.00
HOLTSVILLE_IC_6 23695	50.96 2.62 0.00	47.25 2.25 0.00	44.33 1.86 0.00	40.43 1.77 0.00	35.76 1.45 0.00	43.08 1.63 0.00	73.76 2.35 -8.02	85.06 2.58 -10.13	80.79 2.57 -9.54	67.30 2.14 -7.44	55.47 2.44 -0.35	66.54 3.59 -1.80	75.07 4.12 -3.93	57.41 3.39 -0.74	121.96 4.00 -8.68	97.85 3.53 -6.76	105.42 3.91 -12.58	116.43 5.15 -14.12	100.62 4.26 -13.07	87.15 3.38 -10.00	90.81 2.74 -11.17	84.80 2.21 -10.91	69.60 2.15 -7.52	48.68 1.51 0.00
HOLTSVILLE_IC_7 23696	50.96 2.62 0.00	47.25 2.25 0.00	44.33 1.86 0.00	40.43 1.77 0.00	35.76 1.45 0.00	43.08 1.63 0.00	73.76 2.35 -8.02	85.06 2.58 -10.13	80.79 2.57 -9.54	67.30 2.14 -7.44	55.47 2.44 -0.35	66.54 3.59 -1.80	75.07 4.12 -3.93	57.41 3.39 -0.74	121.96 4.00 -8.68	97.85 3.53 -6.76	105.42 3.91 -12.58	116.43 5.15 -14.12	100.62 4.26 -13.07	87.15 3.38 -10.00	90.81 2.74 -11.17	84.80 2.21 -10.91	69.60 2.15 -7.52	48.68 1.51 0.00
HOLTSVILLE_IC_8 23697	50.96 2.62 0.00	47.25 2.25 0.00	44.33 1.86 0.00	40.43 1.77 0.00	35.76 1.45 0.00	43.08 1.63 0.00	73.76 2.35 -8.02	85.06 2.58 -10.13	80.79 2.57 -9.54	67.30 2.14 -7.44	55.47 2.44 -0.35	66.54 3.59 -1.80	75.07 4.12 -3.93	57.41 3.39 -0.74	121.96 4.00 -8.68	97.85 3.53 -6.76	105.42 3.91 -12.58	116.43 5.15 -14.12	100.62 4.26 -13.07	87.15 3.38 -10.00	90.81 2.74 -11.17	84.80 2.21 -10.91	69.60 2.15 -7.52	48.68 1.51 0.00
HOLTSVILLE_IC_9 23698	50.96 2.62 0.00	47.25 2.25 0.00	44.33 1.86 0.00	40.43 1.77 0.00	35.76 1.45 0.00	43.08 1.63 0.00	73.76 2.35 -8.02	85.06 2.58 -10.13	80.79 2.57 -9.54	67.30 2.14 -7.44	55.47 2.44 -0.35	66.54 3.59 -1.80	75.07 4.12 -3.93	57.41 3.39 -0.74	121.96 4.00 -8.68	97.85 3.53 -6.76	105.42 3.91 -12.58	116.43 5.15 -14.12	100.62 4.26 -13.07	87.15 3.38 -10.00	90.81 2.74 -11.17	84.80 2.21 -10.91	69.60 2.15 -7.52	48.68 1.51 0.00
HOMER_HL_115KV_TB2 355744	45.15 -3.19 0.00	41.66 -3.33 0.00	39.43 -3.04 0.00	34.42 -2.87 1.37	31.97 -2.34 0.00	39.03 -2.41 0.00	58.73 -4.67 0.00	61.16 -5.60 5.60	63.25 -5.43 0.00	20.15 -3.60 33.98	39.04 -3.51 10.13	28.60 -3.94 28.60	34.90 -4.28 27.84	31.98 -3.58 17.72	56.96 -7.41 44.92	64.79 -7.17 15.59	48.81 -7.48 32.64	71.00 -7.88 18.27	73.60 -5.89 3.80	57.61 -5.09 11.07	66.40 -5.62 4.87	64.89 -5.04 1.75	56.33 -3.60 0.00	44.14 -2.56 0.47
HOWARD_WT_PWR 323690	42.97 -5.37 0.00	39.30 -5.69 0.00	37.19 -5.27 0.00	29.81 -4.75 4.09	30.58 -3.74 0.00	37.96 -3.48 0.00	56.25 -7.15 0.00	47.48 -9.03 15.84	59.83 -8.85 0.01	-35.14 -6.47 86.39	20.19 -7.06 25.43	9.79 -7.58 43.77	-11.14 -8.30 69.87	1.70 -6.55 45.03	-15.80 -10.86 114.22	35.36 -9.14 43.05	-13.27 -9.63 92.56	34.69 -10.49 51.97	64.04 -8.40 10.85	34.46 -7.72 31.59	54.78 -8.20 13.92	59.54 -7.14 5.01	53.61 -6.32 0.00	40.81 -5.02 1.35
HQ_GEN_CEDARS 23644	49.73 1.39 0.00	46.19 1.20 0.00	43.62 1.16 0.00	39.66 1.00 0.00	35.28 0.96 0.00	42.64 1.20 0.00	65.51 2.11 0.00	74.67 2.32 0.00	70.98 2.30 0.00	59.54 1.82 0.00	54.14 1.46 0.00	62.64 1.49 0.00	68.74 1.72 0.00	54.55 1.27 0.00	112.02 2.74 0.00	89.85 2.30 0.00	91.18 2.26 0.00	99.21 2.06 0.00	85.13 1.85 0.00	75.62 1.85 0.00	79.21 2.31 0.00	74.04 2.35 0.00	61.85 1.92 0.00	48.76 1.58 0.00
HQ_GEN_CEDARS_PROXY 323590	49.73 1.39 0.00	46.19 1.19 0.00	43.62 1.16 0.00	39.66 1.00 0.00	35.28 0.97 0.00	42.64 1.20 0.00	71.85 2.11 -6.34	74.67 2.31 0.00	70.98 2.29 0.00	59.54 1.82 0.00	54.14 1.46 0.00	62.64 1.49 0.00	68.75 1.73 0.00	54.56 1.28 0.00	112.02 2.74 0.00	89.86 2.31 0.00	91.18 2.26 0.00	99.21 2.06 0.00	85.13 1.84 0.00	75.61 1.85 0.00	79.21 2.31 0.00	75.13 2.35 -1.10	61.85 1.92 0.00	48.76 1.58 0.00

HQ_GEN_IMPORT 323601	48.81 0.48 0.00	45.36 0.37 0.00	42.83 0.36 0.00	38.97 0.31 0.00	34.64 0.32 0.00	36.53 0.37 5.28	64.17 0.78 0.00	73.15 0.79 0.00	69.55 0.87 0.00	58.40 0.67 0.00	53.19 0.51 0.00	61.67 0.52 0.00	67.66 0.64 0.00	54.66 0.40 -0.98	109.76 0.90 0.43	88.20 0.87 0.22	89.84 0.92 0.00	97.94 0.79 0.00	97.07 0.66 -13.13	74.40 0.64 0.00	77.75 0.85 0.00	72.56 0.88 0.00	60.65 0.72 0.00	47.77 0.60 0.00
HQ_GEN_WHEEL 23651	48.81 0.48 0.00	45.36 0.37 0.00	42.83 0.36 0.00	38.97 0.31 0.00	34.64 0.32 0.00	36.53 0.37 5.28	64.17 0.78 0.00	73.15 0.79 0.00	69.55 0.87 0.00	58.40 0.67 0.00	53.19 0.51 0.00	61.67 0.52 0.00	67.66 0.64 0.00	54.66 0.40 -0.98	109.76 0.90 0.43	88.20 0.87 0.22	89.84 0.92 0.00	97.94 0.79 0.00	97.07 0.66 -13.13	74.40 0.64 0.00	77.75 0.85 0.00	72.56 0.88 0.00	60.65 0.72 0.00	47.77 0.60 0.00
HUDSON AVE_GT_3 23810	50.86 2.52 0.00	47.24 2.25 0.00	44.47 2.01 0.00	40.52 1.86 0.00	35.94 1.62 0.00	43.40 1.96 0.00	66.55 3.15 0.00	76.04 3.69 0.00	71.88 3.20 0.00	60.50 2.77 0.00	55.68 3.00 0.00	64.94 3.79 0.00	71.24 4.23 0.00	57.45 3.48 -0.68	115.14 5.85 0.00	92.03 4.48 0.00	93.42 4.50 0.00	102.32 5.17 0.00	87.58 4.29 0.00	77.28 3.51 0.00	79.82 2.92 0.00	74.19 2.51 0.00	62.04 2.11 0.00	48.70 1.53 0.00
HUDSON AVE_GT_4 23540	50.86 2.52 0.00	47.24 2.25 0.00	44.47 2.01 0.00	40.52 1.86 0.00	35.94 1.62 0.00	43.40 1.96 0.00	66.55 3.15 0.00	76.04 3.69 0.00	71.88 3.20 0.00	60.50 2.77 0.00	55.68 3.00 0.00	64.94 3.79 0.00	71.24 4.23 0.00	57.45 3.48 -0.68	115.14 5.85 0.00	92.03 4.48 0.00	93.42 4.50 0.00	102.32 5.17 0.00	87.58 4.29 0.00	77.28 3.51 0.00	79.82 2.92 0.00	74.19 2.51 0.00	62.04 2.11 0.00	48.70 1.53 0.00
HUDSON AVE_GT_5 23657	50.86 2.52 0.00	47.24 2.25 0.00	44.47 2.01 0.00	40.52 1.86 0.00	35.94 1.62 0.00	43.40 1.96 0.00	66.55 3.15 0.00	76.04 3.69 0.00	71.88 3.20 0.00	60.50 2.77 0.00	55.68 3.00 0.00	64.94 3.79 0.00	71.24 4.23 0.00	57.45 3.48 -0.68	115.14 5.85 0.00	92.03 4.48 0.00	93.42 4.50 0.00	102.32 5.17 0.00	87.58 4.29 0.00	77.28 3.51 0.00	79.82 2.92 0.00	74.19 2.51 0.00	62.04 2.11 0.00	48.70 1.53 0.00
HUDSON_AVE_10 24168	50.66 2.32 0.00	47.06 2.07 0.00	44.29 1.83 0.00	40.37 1.71 0.00	35.83 1.51 0.00	43.26 1.81 0.00	66.31 2.91 0.00	75.80 3.44 0.00	71.60 2.92 0.00	60.24 2.52 0.00	55.43 2.75 0.00	64.67 3.52 0.00	70.98 3.96 0.00	57.19 3.23 -0.68	114.63 5.34 0.00	91.56 4.01 0.00	92.97 4.05 0.00	101.82 4.67 0.00	87.13 3.84 0.00	76.87 3.10 0.00	79.41 2.51 0.00	73.82 2.14 0.00	61.70 1.77 0.00	48.43 1.26 0.00
HUDSON___115KV_TB 4 355613	50.04 1.70 0.00	46.68 1.68 0.00	44.05 1.59 0.00	40.20 1.54 0.00	35.62 1.30 0.00	42.97 1.53 0.00	65.14 1.75 0.00	74.71 2.35 0.00	70.73 2.05 0.00	59.29 1.56 0.00	54.07 1.38 0.00	62.89 1.74 0.00	68.77 1.75 0.00	54.84 1.56 0.00	111.90 2.61 0.00	89.56 2.01 0.00	91.00 2.08 0.00	99.82 2.67 0.00	85.49 2.20 0.00	75.63 1.86 0.00	78.82 1.92 0.00	73.42 1.73 0.00	61.19 1.26 0.00	48.12 0.94 0.00
HUNTER MOUNT___DRP 323613	50.15 1.81 0.00	46.78 1.78 0.00	44.15 1.69 0.00	40.28 1.63 0.00	35.69 1.38 0.00	43.10 1.66 0.00	65.32 1.93 0.00	74.97 2.61 0.00	70.99 2.31 0.00	59.48 1.76 0.00	54.23 1.54 0.00	63.03 1.88 0.00	68.86 1.85 0.00	54.94 1.66 0.00	112.10 2.82 0.00	89.80 2.24 0.00	91.33 2.40 0.00	100.24 3.09 0.00	85.83 2.54 0.00	75.92 2.16 0.00	79.14 2.24 0.00	73.69 2.00 0.00	61.40 1.47 0.00	48.26 1.08 0.00
HUNTINGTON_RES_REC 323705	50.79 2.45 0.00	47.10 2.10 0.00	44.20 1.73 0.00	40.30 1.64 0.00	35.62 1.30 0.00	42.88 1.44 0.00	63.27 2.05 2.18	71.85 2.25 2.75	68.31 2.23 2.59	57.51 1.81 2.02	54.80 2.21 0.09	63.94 3.28 0.49	70.82 3.69 -0.11	56.84 3.07 -0.48	110.45 3.52 2.36	88.77 3.06 1.84	88.92 3.41 3.42	97.86 4.53 3.82	84.98 3.72 2.03	74.00 2.94 2.71	76.18 2.32 3.04	70.57 1.85 2.97	59.70 1.81 2.05	48.42 1.24 0.00
HUNTLEY___63 23557	44.12 -4.22 0.00	40.68 -4.32 0.00	38.38 -4.08 0.00	33.54 -3.99 1.13	31.03 -3.29 0.00	38.13 -3.31 0.00	57.20 -6.19 0.00	60.54 -7.38 4.44	61.86 -6.82 0.00	26.70 -4.75 26.28	39.52 -5.05 8.12	31.70 -5.84 23.61	39.01 -6.22 21.79	34.29 -5.13 13.87	63.86 -10.26 35.17	66.45 -8.78 12.33	54.34 -8.71 25.87	73.34 -9.35 14.47	73.10 -7.18 3.00	58.69 -6.33 8.74	66.16 -6.89 3.85	64.10 -6.19 1.39	55.51 -4.42 0.00	43.83 -2.97 0.37
HUNTLEY___64 23558	44.12 -4.22 0.00	40.68 -4.32 0.00	38.38 -4.08 0.00	33.54 -3.99 1.13	31.03 -3.29 0.00	38.13 -3.31 0.00	57.20 -6.19 0.00	60.54 -7.38 4.44	61.86 -6.82 0.00	26.70 -4.75 26.28	39.52 -5.05 8.12	31.70 -5.84 23.61	39.01 -6.22 21.79	34.29 -5.13 13.87	63.86 -10.26 35.17	66.45 -8.78 12.33	54.34 -8.71 25.87	73.34 -9.35 14.47	73.10 -7.18 3.00	58.69 -6.33 8.74	66.16 -6.89 3.85	64.10 -6.19 1.39	55.51 -4.42 0.00	43.83 -2.97 0.37
HUNTLEY___65 23559	44.12 -4.22 0.00	40.68 -4.32 0.00	38.38 -4.08 0.00	33.54 -3.99 1.13	31.03 -3.29 0.00	38.13 -3.31 0.00	57.20 -6.19 0.00	60.54 -7.38 4.44	61.86 -6.82 0.00	26.70 -4.75 26.28	39.52 -5.05 8.12	31.70 -5.84 23.61	39.01 -6.22 21.79	34.29 -5.13 13.87	63.86 -10.26 35.17	66.45 -8.78 12.33	54.34 -8.71 25.87	73.34 -9.35 14.47	73.10 -7.18 3.00	58.69 -6.33 8.74	66.16 -6.89 3.85	64.10 -6.19 1.39	55.51 -4.42 0.00	43.83 -2.97 0.37
HUNTLEY___66 23560	44.12 -4.22 0.00	40.68 -4.32 0.00	38.38 -4.08 0.00	33.54 -3.99 1.13	31.03 -3.29 0.00	38.13 -3.31 0.00	57.20 -6.19 0.00	60.54 -7.38 4.44	61.86 -6.82 0.00	26.70 -4.75 26.28	39.52 -5.05 8.12	31.70 -5.84 23.61	39.01 -6.22 21.79	34.29 -5.13 13.87	63.86 -10.26 35.17	66.45 -8.78 12.33	54.34 -8.71 25.87	73.34 -9.35 14.47	73.10 -7.18 3.00	58.69 -6.33 8.74	66.16 -6.89 3.85	64.10 -6.19 1.39	55.51 -4.42 0.00	43.83 -2.97 0.37
HUNTLEY___67 23561	43.90 -4.44 0.00	40.49 -4.51 0.00	38.24 -4.23 0.00	33.40 -4.12 1.14	30.91 -3.41 0.00	37.95 -3.49 0.00	56.98 -6.42 0.00	60.24 -7.63 4.48	61.68 -7.01 0.00	26.12 -5.02 26.58	39.32 -5.19 8.18	31.28 -6.10 23.77	38.43 -6.51 22.08	33.87 -5.36 14.05	62.86 -10.79 35.64	65.94 -9.15 12.47	53.63 -9.12 26.18	72.76 -9.75 14.64	72.73 -7.52 3.04	58.31 -6.62 8.84	65.84 -7.16 3.90	63.90 -6.39 1.40	55.26 -4.67 0.00	43.58 -3.22 0.38
HUNTLEY___68 23562	43.90 -4.44 0.00	40.49 -4.51 0.00	38.24 -4.23 0.00	33.40 -4.12 1.14	30.91 -3.41 0.00	37.95 -3.49 0.00	56.98 -6.42 0.00	60.24 -7.63 4.48	61.68 -7.01 0.00	26.12 -5.02 26.58	39.32 -5.19 8.18	31.28 -6.10 23.77	38.43 -6.51 22.08	33.87 -5.36 14.05	62.86 -10.79 35.64	65.94 -9.15 12.47	53.63 -9.12 26.18	72.76 -9.75 14.64	72.73 -7.52 3.04	58.31 -6.62 8.84	65.84 -7.16 3.90	63.90 -6.39 1.40	55.26 -4.67 0.00	43.58 -3.22 0.38

HYLAND___LFGE 323620	46.95 -1.38 0.00	43.26 -1.74 0.00	40.83 -1.64 0.00	34.79 -1.63 2.24	33.25 -1.07 0.00	40.94 -0.50 0.00	61.97 -1.43 0.00	62.28 -1.80 8.27	66.40 -2.28 0.00	9.11 -1.91 46.71	37.02 -2.48 13.18	41.84 -2.57 16.74	26.37 -2.90 37.75	25.38 -3.44 24.46	40.79 -6.26 62.24	58.98 -5.49 23.08	35.05 -4.87 49.00	65.57 -4.07 27.51	74.79 -2.76 5.73	54.44 -2.63 16.69	66.46 -3.09 7.35	67.76 -1.27 2.65	59.30 -0.63 0.00	46.04 -0.43 0.71
INDECK___CORINTH 23802	49.96 1.63 0.00	46.45 1.46 0.00	43.76 1.30 0.00	40.00 1.34 0.00	35.50 1.18 0.00	42.95 1.51 0.00	65.39 1.99 0.00	74.97 2.61 0.00	71.05 2.37 0.00	59.60 1.88 0.00	54.44 1.76 0.00	63.28 2.13 0.00	69.36 2.35 0.00	55.28 2.00 0.00	112.46 3.18 0.00	89.80 2.24 0.00	91.28 2.36 0.00	99.88 2.73 0.00	85.59 2.30 0.00	75.72 1.96 0.00	79.51 2.62 0.00	74.18 2.50 0.00	61.66 1.73 0.00	48.32 1.15 0.00
INDECK___ILION 23567	49.83 1.49 0.00	46.45 1.45 0.00	43.86 1.39 0.00	39.94 1.29 0.00	35.47 1.15 0.00	42.88 1.44 0.00	65.41 2.01 0.00	74.55 2.19 0.00	70.65 1.96 0.00	59.25 1.53 0.00	54.05 1.36 0.00	62.75 1.60 0.00	68.56 1.55 0.00	54.49 1.21 0.00	111.38 2.09 0.00	89.27 1.72 0.00	91.02 2.09 0.00	99.89 2.74 0.00	85.67 2.38 0.00	75.82 2.06 0.00	78.88 1.98 0.00	73.41 1.72 0.00	61.41 1.48 0.00	48.24 1.06 0.00
INDECK___OLEAN 23982	45.15 -3.19 0.00	41.67 -3.32 0.00	39.43 -3.04 0.00	34.41 -2.88 1.37	31.97 -2.35 0.00	39.03 -2.41 0.00	58.73 -4.67 0.00	61.12 -5.64 5.60	63.25 -5.43 0.00	19.98 -3.77 33.98	38.99 -3.56 10.13	28.47 -4.07 28.60	34.76 -4.42 27.84	31.89 -3.67 17.72	56.81 -7.56 44.92	64.71 -7.26 15.59	48.73 -7.56 32.64	70.99 -7.89 18.27	73.59 -5.90 3.80	57.57 -5.13 11.07	66.36 -5.66 4.87	64.88 -5.05 1.75	56.32 -3.61 0.00	44.11 -2.59 0.47
INDECK___OSWEGO 23783	46.02 -2.32 0.00	42.85 -2.15 0.00	40.50 -1.97 0.00	36.85 -1.81 0.00	32.75 -1.57 0.00	39.58 -1.86 0.00	60.42 -2.98 0.00	69.10 -3.26 0.00	65.59 -3.09 0.00	55.14 -2.59 0.00	50.32 -2.36 0.00	58.34 -2.81 0.00	63.87 -3.14 0.00	50.82 -2.46 0.00	105.04 -4.25 0.00	84.13 -3.43 0.00	85.59 -3.34 0.00	93.45 -3.70 0.00	80.23 -3.05 0.00	71.14 -2.63 0.00	74.04 -2.86 0.00	68.87 -2.81 0.00	57.56 -2.37 0.00	45.33 -1.84 0.00
INDECK___YERKES 23781	44.16 -4.18 0.00	40.73 -4.27 0.00	38.40 -4.06 0.00	33.55 -3.97 1.13	31.06 -3.26 0.00	38.16 -3.28 0.00	57.25 -6.14 0.00	60.54 -7.38 4.44	61.90 -6.78 0.00	26.60 -4.85 26.28	39.51 -5.06 8.12	31.63 -5.91 23.61	38.96 -6.27 21.79	34.24 -5.17 13.87	63.88 -10.23 35.17	66.48 -8.74 12.33	54.35 -8.71 25.87	73.39 -9.29 14.47	73.15 -7.13 3.00	58.74 -6.29 8.74	66.24 -6.81 3.85	64.17 -6.13 1.39	55.56 -4.37 0.00	43.84 -2.96 0.37
INDIAN POINT_GT_1 24139	50.32 1.98 0.00	46.80 1.81 0.00	44.06 1.60 0.00	40.12 1.47 0.00	35.57 1.25 0.00	42.97 1.53 0.00	65.92 2.52 0.00	75.23 2.88 0.00	71.13 2.45 0.00	59.82 2.09 0.00	54.97 2.28 0.00	64.05 2.90 0.00	70.25 3.24 0.00	55.93 2.65 0.00	113.63 4.35 0.00	90.90 3.34 0.00	92.34 3.41 0.00	101.22 4.07 0.00	86.65 3.36 0.00	76.59 2.82 0.00	79.29 2.39 0.00	73.74 2.06 0.00	61.67 1.73 0.00	48.37 1.20 0.00
INDIAN POINT_GT_2 23659	50.32 1.98 0.00	46.80 1.81 0.00	44.06 1.60 0.00	40.12 1.47 0.00	35.57 1.25 0.00	42.97 1.53 0.00	65.92 2.52 0.00	75.23 2.88 0.00	71.13 2.45 0.00	59.82 2.09 0.00	54.97 2.28 0.00	64.05 2.90 0.00	70.25 3.24 0.00	55.93 2.65 0.00	113.63 4.35 0.00	90.90 3.34 0.00	92.34 3.41 0.00	101.22 4.07 0.00	86.65 3.36 0.00	76.59 2.82 0.00	79.29 2.39 0.00	73.74 2.06 0.00	61.67 1.73 0.00	48.37 1.20 0.00
INDIAN POINT_GT_3 24019	50.32 1.98 0.00	46.80 1.81 0.00	44.06 1.60 0.00	40.12 1.47 0.00	35.57 1.25 0.00	42.97 1.53 0.00	65.92 2.52 0.00	75.23 2.88 0.00	71.13 2.45 0.00	59.82 2.09 0.00	54.97 2.28 0.00	64.05 2.90 0.00	70.25 3.24 0.00	55.93 2.65 0.00	113.63 4.35 0.00	90.90 3.34 0.00	92.34 3.41 0.00	101.22 4.07 0.00	86.65 3.36 0.00	76.59 2.82 0.00	79.29 2.39 0.00	73.74 2.06 0.00	61.67 1.73 0.00	48.37 1.20 0.00
INDIAN POINT___2 23530	50.25 1.91 0.00	46.75 1.75 0.00	44.01 1.55 0.00	40.07 1.42 0.00	35.54 1.22 0.00	42.92 1.48 0.00	65.86 2.47 0.00	75.15 2.79 0.00	71.05 2.37 0.00	59.75 2.02 0.00	54.90 2.21 0.00	63.94 2.79 0.00	70.16 3.15 0.00	55.85 2.57 0.00	113.51 4.22 0.00	90.74 3.19 0.00	92.23 3.30 0.00	101.07 3.92 0.00	86.53 3.24 0.00	76.48 2.71 0.00	79.22 2.32 0.00	73.69 2.01 0.00	61.61 1.68 0.00	48.32 1.15 0.00
INDIAN POINT___3 23531	50.33 2.00 0.00	46.81 1.82 0.00	44.08 1.62 0.00	40.14 1.49 0.00	35.58 1.27 0.00	42.98 1.54 0.00	65.91 2.52 0.00	75.23 2.87 0.00	71.13 2.45 0.00	59.82 2.10 0.00	54.98 2.29 0.00	64.16 3.01 0.00	70.25 3.24 0.00	55.94 2.66 0.00	113.64 4.35 0.00	90.90 3.34 0.00	92.34 3.42 0.00	101.20 4.04 0.00	86.62 3.34 0.00	76.54 2.77 0.00	79.25 2.35 0.00	73.74 2.06 0.00	61.65 1.72 0.00	48.37 1.20 0.00
INGHAM_C_115KV_TB7 356103	51.85 3.52 0.00	48.35 3.36 0.00	45.67 3.20 0.00	41.63 2.97 0.00	36.94 2.62 0.00	44.73 3.30 0.00	68.06 4.67 0.00	77.40 5.05 0.00	73.23 4.55 0.00	61.23 3.50 0.00	55.75 3.07 0.00	64.77 3.62 0.00	70.61 3.59 0.00	56.06 2.78 0.00	114.27 4.99 0.00	91.55 4.00 0.00	93.86 4.94 0.00	103.47 6.32 0.00	88.77 5.48 0.00	78.47 4.70 0.00	81.54 4.64 0.00	75.82 4.14 0.00	63.46 3.53 0.00	49.74 2.57 0.00
IP CORINTH___1 23988	50.22 1.88 0.00	46.68 1.68 0.00	43.98 1.52 0.00	40.20 1.55 0.00	35.68 1.37 0.00	43.18 1.74 0.00	65.75 2.35 0.00	75.37 3.01 0.00	71.43 2.75 0.00	59.91 2.18 0.00	54.72 2.04 0.00	63.60 2.46 0.00	69.71 2.69 0.00	55.56 2.28 0.00	113.01 3.72 0.00	90.28 2.72 0.00	91.75 2.83 0.00	100.44 3.29 0.00	86.06 2.77 0.00	76.14 2.38 0.00	79.94 3.04 0.00	74.55 2.87 0.00	61.98 2.05 0.00	48.58 1.41 0.00
IP___TICONDEROGA 23804	52.60 4.27 0.00	48.79 3.79 0.00	45.83 3.37 0.00	42.06 3.40 0.00	37.46 3.14 0.00	45.45 4.01 0.00	69.10 5.70 0.00	79.72 7.37 0.00	75.57 6.88 0.00	62.94 5.22 0.00	57.34 4.66 0.00	66.50 5.35 0.00	73.08 6.07 0.00	58.62 5.34 0.00	118.35 9.06 0.00	94.74 7.19 0.00	96.45 7.52 0.00	105.37 8.22 0.00	90.74 7.45 0.00	79.88 6.11 0.00	84.87 7.97 0.00	79.34 7.66 0.00	65.18 5.25 0.00	50.87 3.70 0.00
ISLIP_RES_REC 323679	51.16 2.82 0.00	47.42 2.42 0.00	44.48 2.02 0.00	40.56 1.90 0.00	35.88 1.56 0.00	43.25 1.81 0.00	73.83 2.66 -7.77	85.13 2.95 -9.82	80.88 2.95 -9.24	67.41 2.47 -7.21	55.71 2.69 -0.33	66.81 3.92 -1.75	75.36 4.49 -3.85	57.66 3.64 -0.73	122.27 4.58 -8.41	98.12 4.01 -6.56	105.56 4.44 -12.19	116.61 5.76 -13.69	100.80 4.79 -12.72	87.28 3.82 -9.69	90.91 3.18 -10.83	84.85 2.59 -10.58	69.66 2.44 -7.29	48.87 1.70 0.00

JAMAICA__27_KV_LOAD 355505	50.92 2.58 0.00	47.27 2.28 0.00	44.49 2.02 0.00	40.59 1.93 0.00	36.07 1.75 0.00	43.51 2.07 0.00	66.63 3.23 0.00	76.21 3.85 0.00	71.87 3.19 0.00	60.40 2.67 0.00	55.57 2.88 0.00	64.85 3.70 0.00	71.27 4.26 0.00	57.39 3.42 -0.68	114.95 5.66 0.00	91.65 4.09 0.00	93.12 4.19 0.00	102.01 4.85 0.00	87.36 4.07 0.00	77.06 3.30 0.00	79.58 2.69 0.00	73.96 2.28 0.00	61.79 1.86 0.00	48.48 1.30 0.00
JANIS__SOLAR 323808	48.91 0.57 0.00	45.41 0.42 0.00	42.86 0.39 0.00	41.14 0.20 -2.28	34.61 0.29 0.00	42.14 0.70 0.00	64.62 1.22 0.00	91.63 1.93 -17.34	70.35 1.66 0.00	126.22 1.25 -67.24	74.37 1.17 -20.51	102.23 0.98 -40.10	109.79 0.61 -42.16	80.37 0.17 -26.92	178.92 1.37 -68.27	115.64 1.71 -26.38	152.03 2.22 -60.89	134.55 3.18 -34.22	93.49 3.05 -7.15	96.92 2.34 -20.81	88.10 2.03 -9.17	76.35 1.36 -3.30	60.87 0.94 0.00	48.84 0.78 -0.89
JARVIS____ 23743	48.43 0.10 0.00	45.13 0.13 0.00	42.59 0.12 0.00	38.77 0.12 0.00	34.42 0.10 0.00	41.56 0.12 0.00	63.48 0.08 0.00	72.48 0.12 0.00	68.75 0.07 0.00	57.78 0.06 0.00	52.76 0.07 0.00	61.25 0.10 0.00	67.09 0.07 0.00	53.38 0.10 0.00	109.38 0.09 0.00	87.58 0.03 0.00	88.93 0.00 0.00	97.18 0.03 0.00	83.31 0.02 0.00	73.80 0.03 0.00	76.90 0.00 0.00	71.68 0.00 0.00	59.93 0.00 0.00	47.14 -0.03 0.00
JENNISON____1 23625	48.27 -0.06 0.00	44.97 -0.02 0.00	42.48 0.01 0.00	39.02 -0.20 -0.57	34.22 -0.10 0.00	41.66 0.22 0.00	63.95 0.55 0.00	78.11 1.40 -4.36	69.95 1.27 0.00	76.20 0.89 -17.58	58.84 0.87 -5.28	72.42 0.48 -10.80	77.92 0.12 -10.78	60.02 -0.14 -6.88	127.48 0.75 -17.45	94.30 0.62 -6.13	101.95 0.33 -12.70	106.02 1.72 -7.14	86.89 2.11 -1.49	79.57 1.46 -4.34	79.43 0.62 -1.91	72.37 0.00 -0.69	59.65 -0.28 0.00	47.16 -0.20 -0.19
JENNISON____2 23626	48.27 -0.06 0.00	44.97 -0.02 0.00	42.48 0.01 0.00	39.02 -0.20 -0.57	34.22 -0.10 0.00	41.66 0.22 0.00	63.95 0.55 0.00	78.11 1.40 -4.36	69.95 1.27 0.00	76.20 0.89 -17.58	58.84 0.87 -5.28	72.42 0.48 -10.80	77.92 0.12 -10.78	60.02 -0.14 -6.88	127.48 0.75 -17.45	94.30 0.62 -6.13	101.95 0.33 -12.70	106.02 1.72 -7.14	86.89 2.11 -1.49	79.57 1.46 -4.34	79.43 0.62 -1.91	72.37 0.00 -0.69	59.65 -0.28 0.00	47.16 -0.20 -0.19
JERICOHO_RISE_WT_PWR 323719	49.09 0.76 0.00	45.64 0.64 0.00	43.13 0.67 0.00	39.24 0.58 0.00	34.90 0.59 0.00	42.20 0.76 0.00	64.87 1.48 0.00	73.95 1.59 0.00	70.25 1.57 0.00	58.82 1.10 0.00	53.42 0.74 0.00	61.74 0.60 0.00	67.73 0.71 0.00	53.72 0.43 0.00	110.30 1.02 0.00	88.64 1.08 0.00	90.19 1.27 0.00	98.15 1.00 0.00	84.24 0.96 0.00	74.72 0.95 0.00	78.20 1.30 0.00	72.94 1.25 0.00	60.92 0.99 0.00	48.02 0.85 0.00
KATONAH__115KV_46KV_TB4 355592	50.61 2.28 0.00	47.05 2.06 0.00	44.29 1.83 0.00	40.34 1.68 0.00	35.78 1.46 0.00	43.21 1.77 0.00	66.25 2.85 0.00	75.66 3.31 0.00	71.56 2.88 0.00	60.20 2.48 0.00	55.31 2.62 0.00	64.52 3.37 0.00	70.67 3.65 0.00	56.27 2.99 0.00	114.31 5.02 0.00	91.46 3.91 0.00	92.92 3.99 0.00	101.87 4.72 0.00	87.24 3.95 0.00	77.06 3.29 0.00	79.78 2.88 0.00	74.19 2.51 0.00	61.98 2.05 0.00	48.63 1.46 0.00
KCE_NY_1 323755	50.31 1.98 0.00	46.84 1.85 0.00	44.10 1.64 0.00	40.27 1.61 0.00	35.72 1.40 0.00	43.19 1.75 0.00	65.78 2.39 0.00	75.24 2.88 0.00	71.32 2.64 0.00	59.88 2.15 0.00	54.65 1.97 0.00	63.62 2.47 0.00	69.60 2.58 0.00	55.47 2.19 0.00	113.09 3.80 0.00	90.50 2.95 0.00	91.97 3.05 0.00	100.62 3.47 0.00	86.21 2.92 0.00	76.33 2.56 0.00	79.75 2.85 0.00	74.40 2.71 0.00	61.92 1.99 0.00	48.62 1.44 0.00
KCE_NY_6_ESR 323823	44.32 -4.02 0.00	40.86 -4.14 0.00	38.59 -3.87 0.00	33.62 -3.77 1.27	31.21 -3.10 0.00	38.33 -3.11 0.00	57.58 -5.82 0.00	60.44 -6.94 4.98	62.25 -6.43 0.00	23.43 -4.63 29.67	38.77 -4.74 9.17	28.75 -5.52 26.89	36.56 -5.91 24.55	32.80 -4.86 15.62	60.11 -9.56 39.61	65.47 -8.19 13.89	51.65 -8.14 29.14	72.36 -8.49 16.30	73.48 -6.42 3.39	58.11 -5.79 9.86	66.29 -6.27 4.34	64.51 -5.61 1.56	55.83 -4.10 0.00	43.90 -2.86 0.42
KEDC_PORT_JEFF_GT2 24210	50.81 2.47 0.00	47.12 2.12 0.00	44.20 1.74 0.00	40.31 1.65 0.00	35.64 1.32 0.00	42.91 1.47 0.00	73.05 2.03 -7.62	84.15 2.17 -9.63	79.91 2.16 -9.07	66.59 1.79 -7.07	55.22 2.21 -0.33	66.22 3.36 -1.72	74.66 3.86 -3.78	57.22 3.22 -0.72	121.13 3.59 -8.25	97.07 3.09 -6.43	104.27 3.38 -11.96	115.15 4.57 -13.43	99.52 3.75 -12.48	86.21 2.94 -9.51	89.80 2.28 -10.62	83.87 1.81 -10.38	68.96 1.88 -7.15	48.53 1.36 0.00
KEDC_PORT_JEFF_GT3 24211	50.81 2.47 0.00	47.12 2.12 0.00	44.20 1.74 0.00	40.31 1.65 0.00	35.64 1.32 0.00	42.91 1.47 0.00	73.05 2.03 -7.62	84.15 2.17 -9.63	79.91 2.16 -9.07	66.59 1.79 -7.07	55.22 2.21 -0.33	66.22 3.36 -1.72	74.66 3.86 -3.78	57.22 3.22 -0.72	121.13 3.59 -8.25	97.07 3.09 -6.43	104.27 3.38 -11.96	115.15 4.57 -13.43	99.52 3.75 -12.48	86.21 2.94 -9.51	89.80 2.28 -10.62	83.87 1.81 -10.38	68.96 1.88 -7.15	48.53 1.36 0.00
KEDC_GLWD_GT4 24219	50.90 2.56 0.00	47.29 2.29 0.00	44.47 2.01 0.00	40.51 1.86 0.00	35.88 1.57 0.00	43.32 1.88 0.00	66.33 2.93 0.00	75.75 3.39 0.00	71.79 3.11 0.00	60.33 2.60 0.00	55.58 2.89 0.00	64.96 3.81 0.00	72.76 4.14 -1.60	57.57 3.37 -0.92	114.50 5.21 0.00	91.71 4.16 0.00	93.24 4.31 0.00	102.35 5.17 -0.03	89.65 4.29 -2.07	77.32 3.54 -0.02	79.96 3.06 0.00	74.32 2.64 0.00	62.22 2.29 0.00	48.78 1.61 0.00
KEDC_GLWD_GT5 24220	50.90 2.56 0.00	47.29 2.29 0.00	44.47 2.01 0.00	40.51 1.86 0.00	35.88 1.57 0.00	43.32 1.88 0.00	66.33 2.93 0.00	75.75 3.39 0.00	71.79 3.11 0.00	60.33 2.60 0.00	55.58 2.89 0.00	64.96 3.81 0.00	72.76 4.14 -1.60	57.57 3.37 -0.92	114.50 5.21 0.00	91.71 4.16 0.00	93.24 4.31 0.00	102.35 5.17 -0.03	89.65 4.29 -2.07	77.32 3.54 -0.02	79.96 3.06 0.00	74.32 2.64 0.00	62.22 2.29 0.00	48.78 1.61 0.00
KENSICO____ 23655	50.47 2.13 0.00	46.93 1.94 0.00	44.18 1.71 0.00	40.24 1.58 0.00	35.68 1.36 0.00	43.08 1.64 0.00	66.05 2.65 0.00	75.42 3.06 0.00	71.34 2.66 0.00	59.99 2.27 0.00	55.15 2.46 0.00	64.31 3.16 0.00	70.49 3.48 0.00	56.13 2.84 0.00	113.98 4.69 0.00	91.16 3.61 0.00	92.62 3.69 0.00	101.50 4.35 0.00	86.87 3.59 0.00	76.76 2.99 0.00	79.46 2.56 0.00	73.89 2.20 0.00	61.78 1.85 0.00	48.48 1.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.58 2.25 0.00	47.05 2.06 0.00	44.31 1.84 0.00	40.32 1.66 0.00	35.75 1.44 0.00	43.23 1.79 0.00	66.42 3.02 0.00	75.86 3.51 0.00	71.77 3.08 0.00	60.38 2.66 0.00	55.37 2.69 0.00	64.36 3.21 0.00	70.52 3.50 0.00	55.98 2.70 0.00	113.80 4.52 0.00	91.51 3.95 0.00	93.27 4.34 0.00	102.39 5.24 0.00	87.71 4.42 0.00	77.52 3.76 0.00	80.33 3.43 0.00	74.65 2.97 0.00	62.34 2.41 0.00	48.86 1.69 0.00

KIAC_JFK_GT1 23816	50.64 2.31 0.00	47.00 2.01 0.00	44.23 1.77 0.00	40.36 1.71 0.00	35.87 1.55 0.00	43.21 1.77 0.00	66.00 2.60 0.00	75.48 3.13 0.00	71.18 2.50 0.00	59.83 2.11 0.00	55.05 2.37 0.00	64.25 3.10 0.00	70.60 3.59 0.00	56.87 2.90 -0.68	113.88 4.59 0.00	90.79 3.24 0.00	92.24 3.31 0.00	100.99 3.84 0.00	86.47 3.19 0.00	76.30 2.54 0.00	78.80 1.90 0.00	73.24 1.56 0.00	61.19 1.25 0.00	48.01 0.83 0.00
KIAC_JFK_GT2 23817	50.64 2.31 0.00	47.00 2.01 0.00	44.23 1.77 0.00	40.36 1.71 0.00	35.87 1.55 0.00	43.21 1.77 0.00	66.00 2.60 0.00	75.48 3.13 0.00	71.18 2.50 0.00	59.83 2.11 0.00	55.05 2.37 0.00	64.25 3.10 0.00	70.60 3.59 0.00	56.87 2.90 -0.68	113.88 4.59 0.00	90.79 3.24 0.00	92.24 3.31 0.00	100.99 3.84 0.00	86.47 3.19 0.00	76.30 2.54 0.00	78.80 1.90 0.00	73.24 1.56 0.00	61.19 1.25 0.00	48.01 0.83 0.00
KIAC_JFK____ 323774	50.64 2.31 0.00	47.00 2.01 0.00	44.23 1.77 0.00	40.36 1.71 0.00	35.87 1.56 0.00	43.21 1.77 0.00	66.00 2.61 0.00	75.49 3.13 0.00	71.18 2.50 0.00	59.86 2.13 0.00	55.06 2.37 0.00	64.26 3.12 0.00	70.61 3.60 0.00	56.85 2.88 -0.69	113.92 4.63 0.00	90.80 3.25 0.00	92.23 3.30 0.00	100.99 3.84 0.00	86.47 3.19 0.00	76.30 2.53 0.00	78.80 1.90 0.00	73.24 1.56 0.00	61.19 1.26 0.00	48.01 0.84 0.00
KINTIGH__24_KV_GSU 356498	44.39 -3.95 0.00	41.02 -3.97 0.00	38.70 -3.76 0.00	34.15 -3.65 0.85	31.31 -3.01 0.00	38.34 -3.10 0.00	57.72 -5.67 0.00	62.26 -6.74 3.36	62.52 -6.16 0.00	33.35 -4.62 19.76	42.04 -4.60 6.05	38.39 -5.51 17.25	44.70 -5.86 16.46	38.00 -4.80 10.48	73.17 -9.53 26.58	70.19 -8.07 9.29	61.38 -8.09 19.45	77.60 -8.66 10.89	74.30 -6.73 2.25	61.30 -5.90 6.56	67.65 -6.37 2.89	64.92 -5.72 1.04	55.72 -4.21 0.00	44.00 -2.89 0.28
KINTIGH____ 23543	44.39 -3.94 0.00	41.01 -3.99 0.00	38.70 -3.76 0.00	34.16 -3.65 0.85	31.31 -3.01 0.00	38.34 -3.10 0.00	57.72 -5.68 0.00	62.28 -6.71 3.36	62.52 -6.16 0.00	33.45 -4.51 19.76	42.06 -4.57 6.05	38.47 -5.42 17.25	44.78 -5.79 16.46	38.07 -4.73 10.48	73.22 -9.48 26.58	70.21 -8.05 9.29	61.41 -8.07 19.45	77.60 -8.66 10.89	74.30 -6.73 2.25	61.32 -5.88 6.56	67.64 -6.37 2.89	64.92 -5.72 1.04	55.72 -4.21 0.00	44.01 -2.88 0.28
KNTFSRNC_46_KV_46KV_LOAD 80397	49.61 1.28 0.00	46.10 1.10 0.00	43.57 1.11 0.00	39.63 0.97 0.00	35.26 0.94 0.00	42.68 1.24 0.00	65.66 2.26 0.00	74.89 2.53 0.00	71.13 2.45 0.00	59.55 1.82 0.00	54.02 1.34 0.00	62.39 1.25 0.00	68.34 1.32 0.00	54.20 0.92 0.00	111.40 2.11 0.00	89.54 1.99 0.00	91.27 2.35 0.00	99.49 2.34 0.00	85.43 2.14 0.00	75.78 2.01 0.00	79.23 2.33 0.00	73.87 2.19 0.00	61.65 1.72 0.00	48.56 1.38 0.00
LACHUTE____HYDRO 323717	52.60 4.27 0.00	48.79 3.79 0.00	45.83 3.37 0.00	42.06 3.40 0.00	37.46 3.14 0.00	45.45 4.01 0.00	69.10 5.70 0.00	79.72 7.36 0.00	75.57 6.89 0.00	62.94 5.21 0.00	57.34 4.66 0.00	66.49 5.35 0.00	73.07 6.05 0.00	58.61 5.32 0.00	118.33 9.05 0.00	94.73 7.18 0.00	96.45 7.53 0.00	105.37 8.21 0.00	90.74 7.45 0.00	79.88 6.11 0.00	84.87 7.97 0.00	79.34 7.66 0.00	65.17 5.24 0.00	50.87 3.70 0.00
LAWRNCALV_115KV_TB1 80681	49.63 1.29 0.00	46.13 1.13 0.00	43.61 1.15 0.00	39.63 0.97 0.00	35.28 0.96 0.00	42.63 1.18 0.00	65.55 2.15 0.00	74.84 2.49 0.00	71.08 2.39 0.00	59.57 1.84 0.00	54.10 1.41 0.00	62.51 1.36 0.00	68.59 1.58 0.00	54.40 1.12 0.00	111.78 2.49 0.00	89.45 1.89 0.00	90.44 1.52 0.00	98.16 1.01 0.00	84.18 0.89 0.00	75.09 1.32 0.00	79.05 2.15 0.00	74.06 2.38 0.00	61.82 1.89 0.00	48.72 1.54 0.00
LEDERLE____ 23769	50.57 2.24 0.00	47.07 2.08 0.00	44.31 1.85 0.00	40.35 1.69 0.00	35.78 1.46 0.00	43.23 1.79 0.00	66.38 2.98 0.00	75.76 3.40 0.00	71.65 2.97 0.00	60.23 2.51 0.00	55.28 2.60 0.00	64.37 3.23 0.00	70.65 3.63 0.00	56.23 2.95 0.00	114.31 5.02 0.00	91.42 3.87 0.00	92.94 4.01 0.00	101.86 4.71 0.00	87.20 3.91 0.00	77.06 3.30 0.00	79.80 2.91 0.00	74.24 2.55 0.00	62.03 2.10 0.00	48.63 1.46 0.00
LIGHTHSE_115KV_TB6 355974	46.74 -1.59 0.00	43.56 -1.44 0.00	41.37 -1.10 0.00	37.61 -1.05 0.00	33.40 -0.91 0.00	40.37 -1.07 0.00	61.64 -1.76 0.00	70.63 -1.73 0.00	67.02 -1.66 0.00	56.28 -1.44 0.00	51.14 -1.55 0.00	59.28 -1.87 0.00	64.93 -2.09 0.00	51.39 -1.89 0.00	106.52 -2.76 0.00	85.24 -2.32 0.00	87.27 -1.66 0.00	94.98 -2.17 0.00	81.39 -1.90 0.00	72.60 -1.17 0.00	75.56 -1.34 0.00	69.98 -1.70 0.00	58.44 -1.49 0.00	46.06 -1.11 0.00
LINDEN COGEN____ 23786	50.59 2.26 0.00	47.01 2.01 0.00	44.24 1.77 0.00	40.31 1.66 0.00	35.76 1.45 0.00	43.18 1.74 0.00	66.23 2.84 0.00	75.65 3.30 0.00	71.47 2.79 0.00	60.17 2.45 0.00	55.36 2.68 0.00	64.56 3.42 0.00	70.83 3.81 0.00	57.11 3.14 -0.69	114.57 5.28 0.00	91.59 4.04 0.00	93.00 4.08 0.00	101.84 4.68 0.00	87.15 3.86 0.00	76.91 3.14 0.00	61.76 2.45 17.59	53.45 2.08 20.31	41.82 1.76 19.86	41.07 1.25 7.35
LINDHRST_69_KV_BK1 356055	51.37 3.04 0.00	47.67 2.67 0.00	44.75 2.29 0.00	40.78 2.12 0.00	36.09 1.78 0.00	43.54 2.10 0.00	68.45 3.22 -1.83	78.30 3.63 -2.30	74.47 3.62 -2.17	62.34 2.93 -1.69	55.93 3.17 -0.08	65.90 4.34 -0.41	73.57 4.80 -1.76	57.80 3.85 -0.67	116.72 5.46 -1.98	93.70 4.61 -1.54	96.64 4.85 -2.87	106.60 6.22 -3.23	92.55 5.16 -4.09	80.27 4.22 -2.29	83.13 3.68 -2.55	77.29 3.13 -2.49	64.56 2.92 -1.71	49.16 1.99 0.00
LIPA_MISC_IPP 23656	50.76 2.43 0.00	47.07 2.07 0.00	44.15 1.69 0.00	40.27 1.61 0.00	35.64 1.33 0.00	42.93 1.49 0.00	74.97 2.09 -9.48	86.63 2.30 -11.97	82.24 2.28 -11.27	68.42 1.90 -8.80	55.28 2.19 -0.41	66.47 3.19 -2.13	75.19 3.70 -4.47	57.15 3.10 -0.77	122.89 3.35 -10.26	98.71 3.16 -8.00	107.39 3.59 -14.87	118.64 4.79 -16.69	102.48 3.97 -15.22	88.70 3.11 -11.82	92.57 2.46 -13.21	86.51 1.93 -12.90	70.68 1.86 -8.89	48.50 1.32 0.00
LISF____SOLAR 323691	50.85 2.51 0.00	47.14 2.14 0.00	44.22 1.76 0.00	40.32 1.66 0.00	35.69 1.37 0.00	43.01 1.57 0.00	74.76 2.21 -9.15	86.33 2.42 -11.56	81.96 2.39 -10.89	68.23 2.01 -8.49	55.31 2.23 -0.39	66.53 3.33 -2.06	75.24 3.87 -4.35	57.26 3.22 -0.76	122.72 3.53 -9.90	98.56 3.29 -7.72	107.05 3.76 -14.36	118.26 4.98 -16.12	102.17 4.14 -14.74	88.47 3.29 -11.41	92.27 2.62 -12.76	86.22 2.08 -12.46	70.50 1.99 -8.58	48.59 1.41 0.00
LITTLE FALLS____HYD 24013	51.85 3.52 0.00	48.35 3.36 0.00	45.67 3.20 0.00	41.63 2.97 0.00	36.94 2.62 0.00	44.73 3.30 0.00	68.06 4.67 0.00	77.40 5.05 0.00	73.23 4.55 0.00	61.23 3.50 0.00	55.75 3.07 0.00	64.77 3.62 0.00	70.61 3.59 0.00	56.06 2.78 0.00	114.27 4.99 0.00	91.55 4.00 0.00	93.86 4.94 0.00	103.47 6.32 0.00	88.77 5.48 0.00	78.47 4.70 0.00	81.54 4.64 0.00	75.82 4.14 0.00	63.46 3.53 0.00	49.74 2.57 0.00

LITTLRIV_115KV_TB1 356100	50.23 1.90 0.00	46.66 1.66 0.00	44.09 1.62 0.00	40.05 1.40 0.00	35.69 1.37 0.00	43.15 1.71 0.00	66.40 3.01 0.00	75.88 3.52 0.00	71.98 3.30 0.00	60.22 2.49 0.00	54.64 1.95 0.00	63.02 1.87 0.00	69.14 2.13 0.00	55.01 1.72 0.00	112.90 3.61 0.00	90.52 2.97 0.00	91.47 2.55 0.00	99.33 2.17 0.00	85.19 1.90 0.00	75.99 2.22 0.00	79.97 3.07 0.00	75.08 3.40 0.00	62.65 2.72 0.00	49.33 2.16 0.00
LI_NEWBRDGE___DRP 323616	50.58 2.24 0.00	46.97 1.97 0.00	44.12 1.65 0.00	40.21 1.55 0.00	35.59 1.27 0.00	42.90 1.46 0.00	65.58 2.18 0.00	74.84 2.48 0.00	71.05 2.36 0.00	59.62 1.89 0.00	55.01 2.33 0.00	64.32 3.17 0.00	71.34 3.47 -0.85	56.66 2.88 -0.49	113.03 3.74 0.00	90.69 3.14 0.00	92.24 3.31 0.00	101.38 4.21 -0.02	87.85 3.46 -1.11	76.53 2.75 -0.01	79.13 2.23 0.00	73.54 1.85 0.00	61.67 1.74 0.00	48.35 1.18 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.87 -4.46 0.00	40.43 -4.56 0.00	38.17 -4.29 0.00	33.43 -4.18 1.05	30.87 -3.45 0.00	37.90 -3.54 0.00	56.84 -6.56 0.00	60.64 -7.60 4.11	61.63 -7.05 0.00	28.70 -4.78 24.25	40.09 -5.09 7.50	33.54 -5.90 21.70	40.57 -6.31 20.14	35.19 -5.27 12.81	66.41 -10.37 32.51	67.29 -8.85 11.41	56.26 -8.74 23.92	74.18 -9.58 13.38	72.98 -7.53 2.78	59.15 -6.54 8.08	66.19 -7.14 3.56	63.91 -6.49 1.28	55.20 -4.73 0.00	43.67 -3.16 0.34
LOCKPORT___CC1 323769	43.82 -4.51 0.00	40.41 -4.59 0.00	38.14 -4.33 0.00	33.36 -4.21 1.08	30.85 -3.47 0.00	37.87 -3.57 0.00	56.79 -6.61 0.00	60.37 -7.77 4.22	61.53 -7.15 0.00	27.81 -5.05 24.86	39.71 -5.26 7.72	32.50 -6.16 22.49	39.81 -6.57 20.64	34.69 -5.47 13.13	65.33 -10.65 33.31	66.72 -9.13 11.70	55.41 -8.97 24.54	73.68 -9.74 13.73	72.79 -7.64 2.85	58.77 -6.70 8.29	65.97 -7.27 3.66	63.80 -6.57 1.31	55.12 -4.81 0.00	43.56 -3.26 0.35
LOCKPORT___CC2 323770	43.82 -4.51 0.00	40.41 -4.59 0.00	38.14 -4.33 0.00	33.36 -4.21 1.08	30.85 -3.47 0.00	37.87 -3.57 0.00	56.79 -6.61 0.00	60.37 -7.77 4.22	61.53 -7.15 0.00	27.81 -5.05 24.86	39.71 -5.26 7.72	32.50 -6.16 22.49	39.81 -6.57 20.64	34.69 -5.47 13.13	65.33 -10.65 33.31	66.72 -9.13 11.70	55.41 -8.97 24.54	73.68 -9.74 13.73	72.79 -7.64 2.85	58.77 -6.70 8.29	65.97 -7.27 3.66	63.80 -6.57 1.31	55.12 -4.81 0.00	43.56 -3.26 0.35
LOCKPORT___CC3 323771	43.82 -4.51 0.00	40.41 -4.59 0.00	38.14 -4.33 0.00	33.36 -4.21 1.08	30.85 -3.47 0.00	37.87 -3.57 0.00	56.79 -6.61 0.00	60.37 -7.77 4.22	61.53 -7.15 0.00	27.81 -5.05 24.86	39.71 -5.26 7.72	32.50 -6.16 22.49	39.81 -6.57 20.64	34.69 -5.47 13.13	65.33 -10.65 33.31	66.72 -9.13 11.70	55.41 -8.97 24.54	73.68 -9.74 13.73	72.79 -7.64 2.85	58.77 -6.70 8.29	65.97 -7.27 3.66	63.80 -6.57 1.31	55.12 -4.81 0.00	43.56 -3.26 0.35
LOCUSVLY_69_KV_BK2 55797	50.99 2.66 0.00	47.36 2.36 0.00	44.48 2.02 0.00	40.54 1.89 0.00	35.89 1.58 0.00	43.29 1.85 0.00	64.18 2.84 2.06	73.02 3.26 2.60	69.30 3.06 2.45	58.31 2.50 1.91	55.48 2.88 0.09	64.48 3.79 0.46	71.82 4.15 -0.65	57.45 3.40 -0.77	112.07 5.01 2.22	89.93 4.11 1.74	89.98 4.27 3.22	98.80 5.24 3.59	86.43 4.35 1.21	74.78 3.56 2.55	77.10 3.06 2.86	71.48 2.59 2.80	60.32 2.31 1.93	48.79 1.62 0.00
LONG_LAKE_PHOENIX 24014	46.36 -1.98 0.00	43.16 -1.84 0.00	40.74 -1.72 0.00	37.08 -1.58 0.00	32.97 -1.35 0.00	39.87 -1.57 0.00	60.90 -2.50 0.00	69.61 -2.75 0.00	66.08 -2.60 0.00	55.60 -2.13 0.00	50.76 -1.93 0.00	58.80 -2.34 0.00	64.40 -2.61 0.00	51.33 -1.96 0.00	105.88 -3.41 0.00	84.76 -2.79 0.00	86.21 -2.72 0.00	94.27 -2.88 0.00	80.93 -2.36 0.00	71.68 -2.08 0.00	74.57 -2.33 0.00	69.42 -2.26 0.00	58.01 -1.92 0.00	45.65 -1.52 0.00
LOVETT___3 23632	50.37 2.03 0.00	46.88 1.88 0.00	44.13 1.67 0.00	40.19 1.53 0.00	35.64 1.32 0.00	43.04 1.60 0.00	66.03 2.63 0.00	75.35 2.99 0.00	71.26 2.58 0.00	59.91 2.18 0.00	54.97 2.28 0.00	64.14 2.99 0.00	70.25 3.24 0.00	55.94 2.66 0.00	113.65 4.36 0.00	90.90 3.34 0.00	92.35 3.43 0.00	101.22 4.07 0.00	86.65 3.36 0.00	76.59 2.82 0.00	79.29 2.39 0.00	73.75 2.07 0.00	61.67 1.73 0.00	48.37 1.20 0.00
LOVETT___4 23642	50.37 2.03 0.00	46.88 1.88 0.00	44.13 1.67 0.00	40.19 1.53 0.00	35.64 1.32 0.00	43.04 1.60 0.00	66.03 2.63 0.00	75.35 2.99 0.00	71.26 2.58 0.00	59.91 2.18 0.00	54.97 2.28 0.00	64.14 2.99 0.00	70.25 3.24 0.00	55.94 2.66 0.00	113.65 4.36 0.00	90.90 3.34 0.00	92.35 3.43 0.00	101.22 4.07 0.00	86.65 3.36 0.00	76.59 2.82 0.00	79.29 2.39 0.00	73.75 2.07 0.00	61.67 1.73 0.00	48.37 1.20 0.00
LOVETT___5 23593	50.37 2.03 0.00	46.88 1.88 0.00	44.13 1.67 0.00	40.19 1.53 0.00	35.64 1.32 0.00	43.04 1.60 0.00	66.03 2.63 0.00	75.35 2.99 0.00	71.26 2.58 0.00	59.91 2.18 0.00	54.97 2.28 0.00	64.14 2.99 0.00	70.25 3.24 0.00	55.94 2.66 0.00	113.65 4.36 0.00	90.90 3.34 0.00	92.35 3.43 0.00	101.22 4.07 0.00	86.65 3.36 0.00	76.59 2.82 0.00	79.29 2.39 0.00	73.75 2.07 0.00	61.67 1.73 0.00	48.37 1.20 0.00
LOWER RAQUET___HYD 24057	49.59 1.26 0.00	46.09 1.10 0.00	43.61 1.14 0.00	39.61 0.96 0.00	35.27 0.96 0.00	42.62 1.18 0.00	65.56 2.17 0.00	74.88 2.53 0.00	71.14 2.45 0.00	59.57 1.85 0.00	54.08 1.40 0.00	62.45 1.30 0.00	68.55 1.53 0.00	54.36 1.08 0.00	111.70 2.41 0.00	89.34 1.79 0.00	90.22 1.30 0.00	97.80 0.64 0.00	83.87 0.58 0.00	74.91 1.14 0.00	79.00 2.10 0.00	74.06 2.37 0.00	61.81 1.88 0.00	48.70 1.52 0.00
LOWER___HUDSON 24059	49.68 1.34 0.00	46.29 1.29 0.00	43.65 1.19 0.00	39.89 1.23 0.00	35.34 1.03 0.00	42.64 1.20 0.00	64.74 1.34 0.00	74.14 1.79 0.00	70.25 1.56 0.00	59.01 1.29 0.00	53.89 1.21 0.00	62.72 1.58 0.00	68.65 1.64 0.00	54.71 1.43 0.00	111.38 2.09 0.00	89.10 1.55 0.00	90.39 1.46 0.00	98.81 1.66 0.00	84.58 1.29 0.00	74.93 1.16 0.00	78.33 1.43 0.00	73.09 1.41 0.00	60.95 1.02 0.00	47.89 0.71 0.00
LOWVILLE_115KV_TB2 356335	48.08 -0.25 0.00	45.10 0.11 0.00	43.15 0.68 0.00	39.08 0.42 0.00	34.83 0.51 0.00	42.12 0.68 0.00	64.45 1.06 0.00	74.55 2.19 0.00	70.67 1.99 0.00	59.13 1.41 0.00	53.12 0.44 0.00	61.35 0.20 0.00	67.18 0.16 0.00	52.66 -0.63 0.00	109.45 0.16 0.00	87.32 -0.23 0.00	90.23 1.31 0.00	97.62 0.47 0.00	83.36 0.07 0.00	75.12 1.36 0.00	78.43 1.53 0.00	72.19 0.50 0.00	60.10 0.17 0.00	47.29 0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.27 1.93 0.00	46.79 1.79 0.00	44.10 1.63 0.00	40.27 1.61 0.00	35.71 1.39 0.00	43.17 1.73 0.00	65.74 2.35 0.00	75.23 2.87 0.00	71.30 2.61 0.00	59.84 2.11 0.00	54.63 1.94 0.00	63.53 2.39 0.00	69.58 2.57 0.00	55.46 2.17 0.00	113.00 3.71 0.00	90.45 2.90 0.00	91.92 2.99 0.00	100.56 3.41 0.00	86.13 2.84 0.00	76.25 2.48 0.00	79.71 2.81 0.00	74.32 2.64 0.00	61.91 1.98 0.00	48.61 1.44 0.00

LUTHERNY_35_KV_BK2 355980	50.31 1.98 0.00	46.84 1.85 0.00	44.10 1.64 0.00	40.27 1.61 0.00	35.72 1.40 0.00	43.19 1.75 0.00	65.79 2.39 0.00	75.23 2.87 0.00	71.32 2.64 0.00	59.88 2.15 0.00	54.64 1.96 0.00	63.61 2.46 0.00	69.60 2.59 0.00	55.47 2.19 0.00	113.07 3.78 0.00	90.49 2.94 0.00	91.96 3.04 0.00	100.62 3.47 0.00	86.21 2.92 0.00	76.32 2.55 0.00	79.75 2.85 0.00	74.40 2.71 0.00	61.92 1.99 0.00	48.62 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	48.46 0.12 0.00	45.20 0.21 0.00	43.01 0.54 0.00	39.02 0.36 0.00	34.75 0.43 0.00	41.94 0.50 0.00	64.38 0.99 0.00	73.92 1.56 0.00	70.15 1.47 0.00	58.69 0.96 0.00	53.12 0.43 0.00	61.36 0.22 0.00	67.28 0.26 0.00	53.05 -0.23 0.00	109.60 0.32 0.00	87.37 -0.18 0.00	89.30 0.37 0.00	96.68 -0.47 0.00	82.75 -0.54 0.00	74.26 0.49 0.00	77.96 1.07 0.00	72.62 0.94 0.00	60.52 0.59 0.00	47.65 0.48 0.00
LYONS_FALL_HYD 23570	48.49 0.15 0.00	45.37 0.38 0.00	43.18 0.72 0.00	39.17 0.51 0.00	34.90 0.58 0.00	42.20 0.76 0.00	64.64 1.24 0.00	74.90 2.54 0.00	71.04 2.36 0.00	59.52 1.80 0.00	53.49 0.81 0.00	61.87 0.72 0.00	67.60 0.58 0.00	53.31 0.03 0.00	110.31 1.02 0.00	88.13 0.58 0.00	90.55 1.63 0.00	98.35 1.20 0.00	84.11 0.83 0.00	75.31 1.54 0.00	78.50 1.60 0.00	72.55 0.87 0.00	60.47 0.54 0.00	47.53 0.35 0.00
MADISON___COUNTY_LFGE 323628	49.07 0.74 0.00	45.79 0.79 0.00	43.31 0.84 0.00	39.37 0.71 0.00	35.04 0.73 0.00	42.47 1.03 0.00	64.99 1.60 0.00	73.61 1.26 0.00	69.84 1.16 0.00	58.82 1.09 0.00	54.07 1.28 -0.10	65.40 1.40 -2.86	68.43 1.41 0.00	54.28 1.00 0.00	111.96 2.67 0.00	89.65 2.10 0.00	91.36 2.44 0.00	99.61 2.46 0.00	85.41 2.13 0.00	75.73 1.96 0.00	78.74 1.84 0.00	73.15 1.46 0.00	61.08 1.14 0.00	47.95 0.78 0.00
MALONE___115KV_TB1 356076	49.79 1.46 0.00	46.25 1.25 0.00	43.70 1.23 0.00	39.74 1.08 0.00	35.37 1.05 0.00	42.80 1.36 0.00	65.90 2.50 0.00	75.22 2.87 0.00	71.47 2.79 0.00	59.84 2.12 0.00	54.33 1.65 0.00	62.74 1.59 0.00	68.78 1.77 0.00	54.59 1.30 0.00	112.26 2.98 0.00	90.04 2.49 0.00	91.57 2.64 0.00	99.60 2.44 0.00	85.49 2.20 0.00	75.96 2.19 0.00	79.57 2.67 0.00	74.25 2.57 0.00	61.96 2.03 0.00	48.78 1.61 0.00
MAPLEWOD_115KV_TB3 80458	49.55 1.22 0.00	46.22 1.22 0.00	43.63 1.17 0.00	39.85 1.19 0.00	35.30 0.98 0.00	42.55 1.11 0.00	64.49 1.09 0.00	73.87 1.52 0.00	70.01 1.33 0.00	58.79 1.06 0.00	53.63 0.95 0.00	62.38 1.24 0.00	68.33 1.32 0.00	54.45 1.17 0.00	110.93 1.64 0.00	88.77 1.21 0.00	90.08 1.16 0.00	98.50 1.35 0.00	84.31 1.03 0.00	74.68 0.91 0.00	77.93 1.03 0.00	72.66 0.98 0.00	60.61 0.67 0.00	47.67 0.50 0.00
MAPLE_RIDGE_WT_1 323574	48.06 -0.27 0.00	44.93 -0.07 0.00	42.36 -0.10 0.00	38.51 -0.14 0.00	34.25 -0.07 0.00	41.39 -0.05 0.00	63.42 0.02 0.00	72.47 0.11 0.00	68.70 0.02 0.00	57.67 -0.06 0.00	52.44 -0.25 0.00	60.62 -0.53 0.00	66.51 -0.51 0.00	52.88 -0.41 0.00	108.46 -0.82 0.00	87.23 -0.33 0.00	88.48 -0.45 0.00	96.31 -0.84 0.00	82.80 -0.49 0.00	73.74 -0.02 0.00	76.89 -0.01 0.00	71.58 -0.10 0.00	59.67 -0.26 0.00	47.03 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	48.06 -0.27 0.00	44.93 -0.07 0.00	42.36 -0.10 0.00	38.51 -0.14 0.00	34.25 -0.07 0.00	41.39 -0.05 0.00	63.42 0.02 0.00	72.47 0.11 0.00	68.70 0.02 0.00	57.67 -0.06 0.00	52.44 -0.25 0.00	60.62 -0.53 0.00	66.51 -0.51 0.00	52.88 -0.41 0.00	108.46 -0.82 0.00	87.23 -0.33 0.00	88.48 -0.45 0.00	96.31 -0.84 0.00	82.80 -0.49 0.00	73.74 -0.02 0.00	76.89 -0.01 0.00	71.58 -0.10 0.00	59.67 -0.26 0.00	47.03 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	49.02 0.68 0.00	45.59 0.59 0.00	43.10 0.63 0.00	39.21 0.55 0.00	34.87 0.55 0.00	42.17 0.73 0.00	64.80 1.41 0.00	73.87 1.51 0.00	70.16 1.48 0.00	58.74 1.02 0.00	53.34 0.66 0.00	61.65 0.51 0.00	67.61 0.59 0.00	53.62 0.34 0.00	110.09 0.80 0.00	88.44 0.89 0.00	90.01 1.09 0.00	97.97 0.82 0.00	84.07 0.79 0.00	74.55 0.78 0.00	78.05 1.15 0.00	72.78 1.09 0.00	60.80 0.87 0.00	47.92 0.75 0.00
MARSHVLE_115KV_TB1 80742	47.93 -0.41 0.00	44.67 -0.33 0.00	42.17 -0.29 0.00	38.31 -0.35 0.00	34.05 -0.26 0.00	41.25 -0.19 0.00	63.52 0.12 0.00	72.75 0.40 0.00	69.11 0.42 0.00	57.99 0.26 0.00	53.01 0.33 0.00	61.06 -0.09 0.00	66.76 -0.25 0.00	53.08 -0.20 0.00	109.08 -0.21 0.00	87.83 0.28 0.00	89.39 0.46 0.00	97.99 0.83 0.00	83.99 0.70 0.00	74.55 0.79 0.00	77.55 0.65 0.00	72.10 0.42 0.00	60.30 0.36 0.00	47.47 0.30 0.00
MARSH_HILL_WT_PWR 323713	42.88 -5.45 0.00	39.22 -5.78 0.00	37.09 -5.38 0.00	29.93 -4.84 3.89	30.50 -3.82 0.00	37.83 -3.61 0.00	56.07 -7.32 0.00	48.21 -9.26 14.89	59.64 -9.04 0.01	-30.63 -6.70 81.65	21.67 -7.19 23.83	14.86 -7.75 38.53	-7.44 -8.49 65.97	3.97 -6.74 42.57	-9.92 -11.16 108.05	37.49 -9.41 40.66	-8.35 -10.01 87.27	37.31 -10.84 49.00	64.40 -8.66 10.23	36.01 -7.98 29.78	55.32 -8.45 13.12	59.66 -7.30 4.72	53.53 -6.40 0.00	40.83 -5.07 1.27
MCINTYRE_115KV_TB2 80467	50.60 2.26 0.00	46.97 1.97 0.00	44.35 1.89 0.00	40.30 1.64 0.00	35.92 1.60 0.00	43.43 1.99 0.00	66.87 3.47 0.00	76.33 3.98 0.00	72.40 3.72 0.00	60.54 2.82 0.00	54.92 2.24 0.00	63.31 2.17 0.00	69.46 2.45 0.00	55.31 2.03 0.00	113.46 4.17 0.00	91.28 3.73 0.00	92.54 3.62 0.00	100.70 3.54 0.00	86.39 3.11 0.00	76.90 3.13 0.00	80.72 3.82 0.00	75.64 3.96 0.00	63.09 3.16 0.00	49.68 2.51 0.00
MECO_____69_KV_BK1 80468	49.54 1.21 0.00	46.13 1.14 0.00	43.50 1.04 0.00	39.56 0.91 0.00	35.16 0.85 0.00	42.64 1.20 0.00	65.51 2.11 0.00	75.09 2.73 0.00	71.22 2.54 0.00	59.52 1.79 0.00	54.14 1.45 0.00	62.42 1.27 0.00	68.48 1.47 0.00	54.37 1.09 0.00	111.66 2.37 0.00	89.66 2.10 0.00	92.05 3.13 0.00	101.20 4.04 0.00	86.72 3.44 0.00	76.91 3.15 0.00	79.96 3.06 0.00	74.34 2.65 0.00	62.02 2.09 0.00	48.74 1.56 0.00
MENANDS___115KV_TB5 355628	49.39 1.06 0.00	46.09 1.09 0.00	43.51 1.05 0.00	39.74 1.08 0.00	35.20 0.88 0.00	42.40 0.97 0.00	64.17 0.77 0.00	73.50 1.15 0.00	69.64 0.96 0.00	58.47 0.75 0.00	53.35 0.66 0.00	62.08 0.93 0.00	67.98 0.97 0.00	54.18 0.90 0.00	110.36 1.07 0.00	88.27 0.71 0.00	89.53 0.61 0.00	97.88 0.72 0.00	83.77 0.48 0.00	74.18 0.42 0.00	77.41 0.51 0.00	72.21 0.52 0.00	60.23 0.30 0.00	47.40 0.23 0.00
MG INDUSTRY___DRP 24185	49.48 1.15 0.00	46.19 1.19 0.00	43.60 1.14 0.00	39.76 1.11 0.00	35.21 0.89 0.00	42.45 1.01 0.00	64.42 1.03 0.00	73.65 1.30 0.00	69.77 1.09 0.00	58.58 0.85 0.00	53.44 0.76 0.00	62.14 1.00 0.00	68.06 1.04 0.00	54.24 0.96 0.00	110.64 1.35 0.00	88.51 0.95 0.00	89.84 0.91 0.00	98.23 1.07 0.00	84.13 0.84 0.00	74.49 0.72 0.00	77.67 0.77 0.00	72.43 0.74 0.00	60.51 0.57 0.00	47.63 0.46 0.00

MID___OSWEGATCHIE_HYD 23849	48.46 0.12 0.00	45.20 0.21 0.00	43.01 0.54 0.00	39.02 0.36 0.00	34.75 0.43 0.00	41.94 0.50 0.00	64.38 0.99 0.00	73.92 1.56 0.00	70.15 1.47 0.00	58.69 0.96 0.00	53.12 0.43 0.00	61.36 0.22 0.00	67.28 0.26 0.00	53.05 -0.23 0.00	109.60 0.32 0.00	87.37 -0.18 0.00	89.30 0.37 0.00	96.68 -0.47 0.00	82.75 -0.54 0.00	74.26 0.49 0.00	77.96 1.07 0.00	72.62 0.94 0.00	60.52 0.59 0.00	47.65 0.48 0.00
MID___RAQUETTE_HYD 23851	49.59 1.26 0.00	46.10 1.10 0.00	43.61 1.14 0.00	39.61 0.96 0.00	35.28 0.96 0.00	42.62 1.18 0.00	65.56 2.17 0.00	74.88 2.53 0.00	71.14 2.46 0.00	59.57 1.85 0.00	54.08 1.39 0.00	62.45 1.30 0.00	68.54 1.52 0.00	54.35 1.07 0.00	111.70 2.41 0.00	89.33 1.78 0.00	90.22 1.30 0.00	97.79 0.64 0.00	83.87 0.58 0.00	74.91 1.14 0.00	79.00 2.10 0.00	74.06 2.37 0.00	61.81 1.88 0.00	48.70 1.52 0.00
MILLIKEN___1 23584	48.22 -0.11 0.00	44.81 -0.19 0.00	42.29 -0.17 0.00	41.15 -0.22 -2.71	34.22 -0.10 0.00	41.53 0.09 0.00	63.48 0.08 0.00	96.60 0.43 -23.82	68.99 0.31 -0.01	137.68 0.35 -79.60	77.40 0.39 -24.33	108.55 0.15 -47.25	116.76 -0.23 -49.97	85.03 -0.17 -31.92	190.56 0.36 -80.91	119.64 0.48 -31.61	163.36 0.67 -73.76	139.61 1.00 -41.45	93.05 1.11 -8.66	99.82 0.85 -25.21	88.62 0.61 -11.11	75.92 0.24 -4.00	60.16 0.22 0.00	48.42 0.17 -1.08
MILLIKEN___2 23585	48.22 -0.11 0.00	44.81 -0.19 0.00	42.29 -0.17 0.00	41.15 -0.22 -2.71	34.22 -0.10 0.00	41.53 0.09 0.00	63.48 0.08 0.00	96.60 0.43 -23.82	68.99 0.31 -0.01	137.68 0.35 -79.60	77.40 0.39 -24.33	108.55 0.15 -47.25	116.76 -0.23 -49.97	85.03 -0.17 -31.92	190.56 0.36 -80.91	119.64 0.48 -31.61	163.36 0.67 -73.76	139.61 1.00 -41.45	93.05 1.11 -8.66	99.82 0.85 -25.21	88.62 0.61 -11.11	75.92 0.24 -4.00	60.16 0.22 0.00	48.42 0.17 -1.08
MILLIKEN___DIESEL 23629	48.22 -0.11 0.00	44.81 -0.19 0.00	42.29 -0.17 0.00	41.15 -0.22 -2.71	34.22 -0.10 0.00	41.53 0.09 0.00	63.48 0.08 0.00	96.60 0.43 -23.82	68.99 0.31 -0.01	137.68 0.35 -79.60	77.40 0.39 -24.33	108.55 0.15 -47.25	116.76 -0.23 -49.97	85.03 -0.17 -31.92	190.56 0.36 -80.91	119.64 0.48 -31.61	163.36 0.67 -73.76	139.61 1.00 -41.45	93.05 1.11 -8.66	99.82 0.85 -25.21	88.62 0.61 -11.11	75.92 0.24 -4.00	60.16 0.22 0.00	48.42 0.17 -1.08
MILLSEAT___LFGE 323607	45.03 -3.31 0.00	41.52 -3.47 0.00	39.18 -3.28 0.00	34.43 -3.25 0.98	31.72 -2.60 0.00	38.92 -2.52 0.00	58.60 -4.80 0.00	63.02 -5.52 3.82	63.79 -4.90 0.00	31.92 -3.42 22.38	41.98 -3.79 6.91	36.72 -4.65 19.77	43.63 -4.75 18.64	37.46 -3.96 11.87	71.90 -6.33 30.10	70.65 -6.33 10.57	60.70 -6.09 22.13	78.28 -6.48 12.39	75.77 -4.95 2.57	62.00 -4.29 7.48	68.74 -4.86 3.30	66.04 -4.46 1.19	56.76 -3.17 0.00	44.77 -2.08 0.32
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.39 2.06 0.00	46.87 1.87 0.00	44.13 1.66 0.00	40.19 1.53 0.00	35.64 1.32 0.00	43.03 1.59 0.00	65.98 2.59 0.00	75.33 2.97 0.00	71.24 2.56 0.00	59.92 2.19 0.00	55.07 2.38 0.00	64.20 3.05 0.00	70.36 3.34 0.00	56.02 2.74 0.00	113.78 4.50 0.00	91.03 3.48 0.00	92.47 3.54 0.00	101.35 4.20 0.00	86.78 3.49 0.00	76.67 2.90 0.00	79.39 2.49 0.00	73.82 2.14 0.00	61.73 1.80 0.00	48.42 1.25 0.00
MILLWOOD_13_KV_LOAD 356217	50.48 2.14 0.00	46.96 1.96 0.00	44.21 1.74 0.00	40.26 1.60 0.00	35.70 1.39 0.00	43.11 1.67 0.00	66.13 2.73 0.00	75.49 3.13 0.00	71.40 2.72 0.00	60.04 2.32 0.00	55.18 2.49 0.00	64.33 3.18 0.00	70.52 3.51 0.00	56.14 2.86 0.00	114.06 4.78 0.00	91.24 3.69 0.00	92.70 3.77 0.00	101.64 4.49 0.00	87.03 3.74 0.00	76.89 3.13 0.00	79.60 2.70 0.00	74.01 2.33 0.00	61.86 1.93 0.00	48.52 1.35 0.00
MODEL_CITY_ENERGY 24167	43.44 -4.90 0.00	40.03 -4.97 0.00	37.79 -4.68 0.00	33.05 -4.53 1.08	30.56 -3.76 0.00	37.52 -3.92 0.00	56.18 -7.22 0.00	59.78 -8.35 4.23	60.94 -7.74 0.00	27.38 -5.36 24.99	39.37 -5.59 7.72	32.34 -6.45 22.36	39.33 -6.95 20.74	34.24 -5.85 13.20	64.34 -11.48 33.47	66.01 -9.81 11.74	54.74 -9.57 24.62	72.79 -10.59 13.77	71.98 -8.45 2.86	58.09 -7.36 8.32	65.27 -7.97 3.67	63.12 -7.24 1.32	54.60 -5.33 0.00	43.20 -3.62 0.36
MODERN_LFGE___ 323580	43.44 -4.90 0.00	40.03 -4.97 0.00	37.79 -4.68 0.00	33.05 -4.53 1.08	30.56 -3.76 0.00	37.52 -3.92 0.00	56.18 -7.22 0.00	59.78 -8.35 4.23	60.94 -7.74 0.00	27.38 -5.36 24.99	39.37 -5.59 7.72	32.34 -6.45 22.36	39.33 -6.95 20.74	34.24 -5.85 13.20	64.34 -11.48 33.47	66.01 -9.81 11.74	54.74 -9.57 24.62	72.79 -10.59 13.77	71.98 -8.45 2.86	58.09 -7.36 8.32	65.27 -7.97 3.67	63.12 -7.24 1.32	54.60 -5.33 0.00	43.20 -3.62 0.36
MOHAWK_PAPER___DRP 24187	49.55 1.22 0.00	46.22 1.22 0.00	43.63 1.17 0.00	39.85 1.19 0.00	35.30 0.98 0.00	42.55 1.11 0.00	64.49 1.09 0.00	73.87 1.52 0.00	70.01 1.33 0.00	58.79 1.06 0.00	53.63 0.95 0.00	62.38 1.24 0.00	68.33 1.32 0.00	54.45 1.17 0.00	110.93 1.64 0.00	88.77 1.21 0.00	90.08 1.16 0.00	98.50 1.35 0.00	84.31 1.03 0.00	74.68 0.91 0.00	77.93 1.03 0.00	72.66 0.98 0.00	60.61 0.67 0.00	47.67 0.50 0.00
MOHICAN___35_KV_115KV_LD 80490	50.58 2.25 0.00	47.03 2.03 0.00	44.29 1.82 0.00	40.49 1.84 0.00	35.95 1.63 0.00	43.51 2.07 0.00	66.21 2.82 0.00	75.92 3.56 0.00	71.94 3.26 0.00	60.30 2.58 0.00	55.09 2.40 0.00	64.04 2.89 0.00	70.19 3.18 0.00	55.99 2.71 0.00	113.84 4.55 0.00	90.96 3.41 0.00	92.48 3.55 0.00	101.18 4.03 0.00	86.72 3.43 0.00	76.72 2.95 0.00	80.58 3.68 0.00	75.14 3.46 0.00	62.41 2.49 0.00	48.91 1.74 0.00
MONGAUP___HYD 23641	50.60 2.26 0.00	47.06 2.07 0.00	44.26 1.80 0.00	40.29 1.64 0.00	35.75 1.43 0.00	43.21 1.77 0.00	66.33 2.93 0.00	75.74 3.39 0.00	71.60 2.92 0.00	60.19 2.46 0.00	55.28 2.60 0.00	64.04 2.90 0.00	69.85 2.84 0.00	55.46 2.18 0.00	113.52 4.23 0.00	90.68 3.13 0.00	92.83 3.90 0.00	102.03 4.88 0.00	87.50 4.21 0.00	77.35 3.59 0.00	80.20 3.30 0.00	74.59 2.90 0.00	62.30 2.37 0.00	48.84 1.66 0.00
MONTAUK___DIESEL 23721	49.56 1.22 0.00	45.82 0.83 0.00	43.02 0.55 0.00	39.27 0.62 0.00	34.75 0.44 0.00	41.91 0.47 0.00	73.41 0.68 -9.33	84.92 0.78 -11.78	80.69 0.90 -11.10	67.28 0.90 -8.66	54.20 1.11 -0.40	65.38 2.13 -2.10	73.82 2.38 -4.42	56.29 2.24 -0.77	120.62 1.23 -10.10	97.34 1.91 -7.87	105.97 2.41 -14.64	116.81 3.22 -16.43	100.89 2.60 -15.01	87.24 1.84 -11.64	90.93 1.03 -13.00	84.81 0.43 -12.70	69.25 0.56 -8.75	47.29 0.11 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.79 -4.55 0.00	40.47 -4.53 0.00	38.52 -3.95 0.00	33.80 -3.56 1.30	30.77 -3.55 0.00	37.73 -3.71 0.00	57.13 -6.27 0.00	60.20 -6.92 5.24	62.67 -6.01 0.00	21.52 -4.47 31.73	38.27 -4.82 9.59	27.73 -6.17 27.25	34.74 -6.49 25.78	31.45 -5.43 16.41	56.01 -11.67 41.61	63.66 -9.39 14.50	48.86 -9.68 30.39	70.73 -9.41 17.01	72.77 -6.98 3.54	57.48 -6.00 10.29	65.91 -6.45 4.54	65.20 -4.85 1.63	56.36 -3.57 0.00	43.57 -3.16 0.44

MORRIS_RIDGE___SOLAR 323848	43.50 -4.84 0.00	40.07 -4.93 0.00	37.90 -4.57 0.00	31.90 -4.23 2.53	30.93 -3.38 0.00	37.96 -3.49 0.00	56.82 -6.58 0.00	55.01 -8.29 9.05	60.67 -8.01 0.00	-1.12 -6.16 52.68	28.28 -6.12 18.29	-6.93 -6.99 61.09	15.61 -7.72 43.69	19.64 -6.11 27.54	28.71 -10.63 69.94	52.96 -9.23 25.36	26.09 -9.39 53.44	57.52 -9.66 29.98	69.66 -7.38 6.25	48.71 -6.86 18.20	61.34 -7.55 8.02	62.07 -6.73 2.89	54.57 -5.36 0.00	42.33 -4.06 0.78
MORTIMER_115KV_TB3 55949	45.88 -2.45 0.00	42.48 -2.52 0.00	40.07 -2.39 0.00	35.64 -2.35 0.66	32.43 -1.88 0.00	39.62 -1.82 0.00	60.09 -3.31 0.00	65.97 -3.79 2.60	65.26 -3.42 0.00	40.48 -2.44 14.80	45.67 -2.59 4.43	46.73 -3.13 11.29	51.31 -3.28 12.42	42.67 -2.67 7.94	84.10 -5.03 20.16	76.13 -4.34 7.08	69.98 -4.23 14.71	84.45 -4.43 8.27	78.26 -3.32 1.71	65.86 -2.94 4.97	71.38 -3.33 2.19	67.86 -3.04 0.79	57.70 -2.23 0.00	45.44 -1.52 0.21
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.71 2.37 0.00	47.14 2.14 0.00	44.36 1.89 0.00	40.41 1.75 0.00	35.85 1.53 0.00	43.28 1.84 0.00	66.34 2.94 0.00	75.78 3.42 0.00	71.65 2.97 0.00	60.30 2.57 0.00	55.47 2.78 0.00	64.69 3.54 0.00	70.94 3.92 0.00	56.54 3.23 -0.03	114.64 5.35 0.00	91.68 4.13 0.00	93.07 4.15 0.00	101.99 4.84 0.00	87.28 4.00 0.00	77.04 3.28 0.00	79.66 2.76 0.00	74.05 2.37 0.00	61.92 1.99 0.00	48.61 1.44 0.00
MUNSVILLE_WIND_PWR 323609	49.56 1.22 0.00	46.02 1.02 0.00	43.41 0.95 0.00	40.66 0.59 -1.42	34.96 0.63 0.00	42.66 1.22 0.00	65.59 2.19 0.00	86.43 3.25 -10.83	71.67 2.98 0.00	102.43 2.38 -42.32	68.06 2.50 -12.87	88.89 2.35 -25.39	95.45 2.02 -26.42	71.44 1.29 -16.86	155.35 3.30 -42.76	106.94 3.17 -16.22	129.41 3.78 -36.70	123.08 5.29 -20.63	92.39 4.80 -4.31	89.86 3.54 -12.54	85.70 3.28 -5.53	75.82 2.15 -1.99	61.30 1.37 0.00	49.00 1.29 -0.54
N SALMON___HYD 24042	49.79 1.46 0.00	46.24 1.25 0.00	43.70 1.23 0.00	39.74 1.08 0.00	35.37 1.05 0.00	42.79 1.35 0.00	65.90 2.50 0.00	75.22 2.87 0.00	71.48 2.79 0.00	59.83 2.11 0.00	54.33 1.65 0.00	62.74 1.59 0.00	68.80 1.78 0.00	54.59 1.31 0.00	112.26 2.97 0.00	90.05 2.50 0.00	91.57 2.64 0.00	99.59 2.44 0.00	85.49 2.20 0.00	75.96 2.20 0.00	79.57 2.67 0.00	74.25 2.57 0.00	61.96 2.03 0.00	48.78 1.61 0.00
N.AKRON__115KV_KNAPP 355671	44.70 -3.64 0.00	41.20 -3.80 0.00	38.90 -3.57 0.00	34.14 -3.51 1.01	31.48 -2.84 0.00	38.63 -2.81 0.00	58.10 -5.30 0.00	62.33 -6.09 3.94	63.28 -5.39 0.00	30.98 -3.67 23.08	41.41 -4.13 7.15	35.70 -4.92 20.54	42.68 -5.11 19.23	36.76 -4.29 12.24	70.09 -8.14 31.05	69.64 -7.01 10.90	59.23 -6.86 22.84	77.06 -7.31 12.78	74.88 -5.75 2.65	61.09 -4.96 7.72	67.94 -5.56 3.40	65.37 -5.09 1.22	56.29 -3.64 0.00	44.46 -2.39 0.33
N.E_GEN_SANDY PD 24062	49.75 1.42 0.00	46.35 1.35 0.00	43.74 1.28 0.00	41.21 1.36 -1.19	35.45 1.13 0.00	43.02 1.30 -0.28	64.57 1.30 0.12	74.12 1.77 0.00	70.24 1.55 0.00	59.06 1.33 0.00	53.95 1.27 0.00	62.81 1.66 0.00	68.77 1.76 0.00	55.85 1.55 -1.02	111.05 2.19 0.43	87.94 1.57 1.19	85.61 1.36 4.68	98.62 1.47 0.00	97.48 1.07 -13.13	74.77 1.00 0.00	79.49 1.36 -1.23	75.02 1.45 -1.88	60.97 1.04 0.00	50.39 0.74 -2.48
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.44 2.10 0.00	46.99 1.99 0.00	44.23 1.76 0.00	40.29 1.63 0.00	35.71 1.40 0.00	43.15 1.70 0.00	66.23 2.83 0.00	75.57 3.21 0.00	71.47 2.79 0.00	60.06 2.34 0.00	55.03 2.34 0.00	64.06 2.91 0.00	70.33 3.31 0.00	56.00 2.71 0.00	113.80 4.52 0.00	90.98 3.43 0.00	92.48 3.56 0.00	101.35 4.20 0.00	86.78 3.49 0.00	76.70 2.93 0.00	79.42 2.52 0.00	73.89 2.20 0.00	61.77 1.83 0.00	48.44 1.26 0.00
N.QUEENS_27_KV_LOAD 356247	50.77 2.43 0.00	47.20 2.20 0.00	44.40 1.94 0.00	40.53 1.88 0.00	35.96 1.64 0.00	43.27 1.83 0.00	66.39 2.99 0.00	75.98 3.63 0.00	71.92 3.23 0.00	60.51 2.78 0.00	55.68 2.99 0.00	64.89 3.74 0.00	71.08 4.06 0.00	57.27 3.31 -0.67	114.84 5.56 0.00	91.92 4.37 0.00	93.37 4.45 0.00	102.31 5.16 0.00	87.52 4.23 0.00	77.24 3.47 0.00	79.86 2.97 0.00	74.21 2.52 0.00	62.03 2.10 0.00	48.70 1.52 0.00
N.TROY___115KV_TB1 355778	49.68 1.34 0.00	46.29 1.29 0.00	43.65 1.18 0.00	39.89 1.23 0.00	35.34 1.03 0.00	42.65 1.20 0.00	64.73 1.34 0.00	74.13 1.77 0.00	70.25 1.56 0.00	59.01 1.29 0.00	53.89 1.20 0.00	62.72 1.57 0.00	68.65 1.63 0.00	54.70 1.42 0.00	111.35 2.07 0.00	89.10 1.55 0.00	90.38 1.45 0.00	98.81 1.66 0.00	84.58 1.29 0.00	74.92 1.15 0.00	78.33 1.43 0.00	73.09 1.41 0.00	60.95 1.02 0.00	47.89 0.72 0.00
NARROWS_GT1_1 24228	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT1_2 24229	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT1_3 24230	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT1_4 24231	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT1_5 24232	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00

NARROWS_GT1_6 24233	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT1_7 24234	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT1_8 24235	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT2_1 24236	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT2_2 24237	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT2_3 24238	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT2_4 24239	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT2_5 24240	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT2_6 24241	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT2_7 24242	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NARROWS_GT2_8 24243	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.58 1.93 0.00	36.01 1.69 0.00	43.44 2.00 0.00	66.62 3.23 0.00	76.12 3.77 0.00	71.96 3.28 0.00	60.53 2.81 0.00	55.73 3.04 0.00	64.85 3.70 0.00	71.24 4.22 0.00	57.55 3.59 -0.68	114.94 5.65 0.00	91.91 4.35 0.00	93.39 4.46 0.00	102.31 5.15 0.00	87.53 4.24 0.00	77.25 3.48 0.00	79.80 2.90 0.00	74.17 2.48 0.00	62.05 2.12 0.00	48.78 1.61 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.15 1.81 0.00	46.78 1.78 0.00	44.15 1.69 0.00	40.28 1.63 0.00	35.69 1.38 0.00	43.10 1.66 0.00	65.32 1.93 0.00	74.97 2.61 0.00	70.99 2.31 0.00	59.48 1.76 0.00	54.23 1.54 0.00	63.03 1.88 0.00	68.86 1.85 0.00	54.94 1.66 0.00	112.10 2.82 0.00	89.80 2.24 0.00	91.33 2.40 0.00	100.24 3.09 0.00	85.83 2.54 0.00	75.92 2.16 0.00	79.14 2.24 0.00	73.69 2.00 0.00	61.40 1.47 0.00	48.26 1.08 0.00
NCHELSEA_115KV_TR2 355582	50.67 2.34 0.00	47.13 2.14 0.00	44.38 1.92 0.00	40.41 1.76 0.00	35.85 1.53 0.00	43.30 1.86 0.00	66.39 2.99 0.00	75.82 3.46 0.00	71.75 3.07 0.00	60.35 2.62 0.00	55.42 2.74 0.00	64.54 3.40 0.00	70.73 3.72 0.00	56.32 3.04 0.00	114.53 5.24 0.00	91.64 4.09 0.00	93.15 4.23 0.00	102.13 4.98 0.00	87.46 4.17 0.00	77.31 3.54 0.00	80.11 3.21 0.00	74.48 2.80 0.00	62.21 2.29 0.00	48.81 1.63 0.00
NEG CAPITAL____MECHNVIL 23645	50.33 2.00 0.00	46.86 1.87 0.00	44.17 1.71 0.00	40.33 1.68 0.00	35.77 1.45 0.00	43.23 1.79 0.00	65.81 2.42 0.00	75.31 2.95 0.00	71.37 2.69 0.00	59.91 2.19 0.00	54.71 2.02 0.00	63.65 2.50 0.00	69.72 2.70 0.00	55.57 2.29 0.00	113.20 3.92 0.00	90.61 3.05 0.00	92.06 3.14 0.00	100.75 3.60 0.00	86.25 2.96 0.00	76.37 2.60 0.00	79.83 2.93 0.00	74.41 2.73 0.00	61.99 2.06 0.00	48.66 1.48 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.30 -3.04 0.00	41.98 -3.02 0.00	39.59 -2.87 0.00	35.58 -2.76 0.32	32.07 -2.25 0.00	39.12 -2.32 0.00	59.49 -3.91 0.00	66.43 -4.48 1.44	64.56 -4.12 0.00	48.14 -3.15 6.44	47.72 -3.07 1.89	51.89 -3.75 5.51	56.94 -3.99 6.09	46.21 -3.18 3.89	93.25 -5.98 10.05	79.15 -4.88 3.52	77.10 -4.86 6.96	88.12 -5.11 3.92	78.46 -4.03 0.80	67.84 -3.60 2.33	71.88 -4.00 1.03	67.57 -3.75 0.37	56.98 -2.95 0.00	44.94 -2.13 0.10

NEG CENTRAL___DRP 24199	47.02 -1.32 0.00	43.66 -1.34 0.00	41.20 -1.27 0.00	37.43 -1.22 0.00	33.38 -0.94 0.00	40.57 -0.87 0.00	61.87 -1.53 0.00	70.69 -1.66 0.00	67.12 -1.57 0.00	56.53 -1.20 0.00	51.60 -1.08 0.00	59.77 -1.38 0.00	65.31 -1.70 0.00	52.02 -1.26 0.00	107.54 -1.75 0.00	86.05 -1.50 0.00	87.49 -1.44 0.00	95.81 -1.34 0.00	82.37 -0.91 0.00	72.88 -0.88 0.00	75.77 -1.13 0.00	70.41 -1.28 0.00	58.96 -0.97 0.00	46.46 -0.72 0.00
NEG CENTRAL___INDECK 23768	46.23 -2.11 0.00	42.62 -2.37 0.00	40.24 -2.23 0.00	34.24 -2.16 2.25	32.76 -1.56 0.00	40.27 -1.17 0.00	60.85 -2.55 0.00	60.96 -3.10 8.30	65.49 -3.19 0.00	8.49 -2.38 46.85	36.59 -2.88 13.22	41.25 -3.14 16.76	25.64 -3.51 37.86	25.27 -3.47 24.53	39.84 -7.01 62.43	58.13 -6.27 23.15	33.77 -5.99 49.16	63.76 -5.79 27.60	73.18 -4.36 5.75	52.94 -4.08 16.74	64.95 -4.57 7.38	66.44 -2.59 2.65	58.32 -1.61 0.00	45.31 -1.15 0.71
NEG CENTRAL___SENECA 23627	46.78 -1.56 0.00	43.39 -1.60 0.00	40.94 -1.52 0.00	36.96 -1.48 0.21	33.17 -1.14 0.00	40.38 -1.05 0.00	61.57 -1.82 0.00	70.33 -2.03 0.00	66.81 -1.87 0.00	56.35 -1.38 0.00	51.23 -1.34 0.11	55.73 -1.71 3.70	60.92 -1.98 4.11	49.14 -1.51 2.63	100.34 -2.28 6.67	83.89 -1.97 1.70	87.01 -1.92 0.00	95.30 -1.85 0.00	81.98 -1.31 0.00	72.54 -1.22 0.00	75.37 -1.53 0.00	70.10 -1.58 0.00	58.71 -1.22 0.00	46.31 -0.86 0.00
NEG CENTRAL___STATE_STREET 24147	47.47 -0.86 0.00	44.12 -0.87 0.00	41.65 -0.81 0.00	38.34 -0.80 -0.49	33.77 -0.54 0.00	41.00 -0.44 0.00	62.45 -0.95 0.00	78.30 -1.00 -6.94	67.70 -0.98 0.00	71.75 -0.75 -14.78	56.72 -0.47 -4.51	68.63 -0.69 -8.17	74.82 -1.11 -8.91	58.14 -0.85 -5.70	123.01 -0.70 -14.42	92.78 -0.57 -5.80	102.45 -0.42 -13.95	104.75 -0.24 -7.84	84.87 -0.06 -1.64	78.43 -0.11 -4.77	78.68 -0.32 -2.10	71.75 -0.69 -0.76	59.51 -0.42 0.00	47.08 -0.30 -0.20
NEG MILLWOOD___DRP 24198	50.80 2.47 0.00	47.24 2.25 0.00	44.47 2.01 0.00	40.50 1.84 0.00	35.93 1.61 0.00	43.40 1.96 0.00	66.56 3.16 0.00	76.04 3.68 0.00	71.94 3.26 0.00	60.50 2.78 0.00	55.58 2.89 0.00	64.78 3.64 0.00	70.95 3.93 0.00	56.51 3.23 0.00	114.87 5.59 0.00	91.93 4.37 0.00	93.42 4.49 0.00	102.46 5.31 0.00	87.77 4.49 0.00	77.53 3.76 0.00	80.28 3.39 0.00	74.63 2.95 0.00	62.33 2.40 0.00	48.89 1.71 0.00
NEG NORTH_FLCN_SEA 23793	49.39 1.05 0.00	45.91 0.91 0.00	43.40 0.93 0.00	39.48 0.82 0.00	35.12 0.80 0.00	42.50 1.06 0.00	65.34 1.94 0.00	74.50 2.15 0.00	70.76 2.08 0.00	59.26 1.53 0.00	53.79 1.10 0.00	62.14 1.00 0.00	68.12 1.11 0.00	54.01 0.73 0.00	110.94 1.65 0.00	89.13 1.58 0.00	90.76 1.84 0.00	98.83 1.67 0.00	84.84 1.55 0.00	75.23 1.47 0.00	78.70 1.80 0.00	73.41 1.72 0.00	61.29 1.36 0.00	48.30 1.13 0.00
NEG NORTH_KES_CHATEGAY 23792	49.21 0.87 0.00	45.74 0.74 0.00	43.23 0.76 0.00	39.32 0.66 0.00	34.97 0.66 0.00	42.29 0.85 0.00	65.05 1.65 0.00	74.15 1.80 0.00	70.43 1.75 0.00	58.95 1.23 0.00	53.51 0.83 0.00	61.81 0.67 0.00	67.81 0.79 0.00	53.78 0.49 0.00	110.54 1.25 0.00	88.74 1.18 0.00	90.41 1.48 0.00	98.44 1.29 0.00	84.51 1.22 0.00	74.96 1.19 0.00	78.43 1.53 0.00	73.14 1.45 0.00	61.08 1.14 0.00	48.11 0.94 0.00
NEG NORTH___ALICE_FALLS 23915	49.61 1.28 0.00	46.10 1.10 0.00	43.57 1.11 0.00	39.63 0.97 0.00	35.26 0.94 0.00	42.68 1.24 0.00	65.66 2.26 0.00	74.89 2.53 0.00	71.13 2.45 0.00	59.55 1.82 0.00	54.02 1.34 0.00	62.39 1.25 0.00	68.34 1.32 0.00	54.20 0.92 0.00	111.40 2.11 0.00	89.54 1.99 0.00	91.27 2.35 0.00	99.49 2.34 0.00	85.43 2.14 0.00	75.78 2.01 0.00	79.23 2.33 0.00	73.87 2.19 0.00	61.65 1.72 0.00	48.56 1.38 0.00
NEG NORTH___LWR_SARANAC 23913	49.61 1.28 0.00	46.10 1.10 0.00	43.57 1.11 0.00	39.63 0.97 0.00	35.26 0.94 0.00	42.68 1.24 0.00	65.66 2.26 0.00	74.89 2.53 0.00	71.13 2.45 0.00	59.55 1.82 0.00	54.02 1.34 0.00	62.39 1.25 0.00	68.34 1.32 0.00	54.20 0.92 0.00	111.40 2.11 0.00	89.54 1.99 0.00	91.27 2.35 0.00	99.49 2.34 0.00	85.43 2.14 0.00	75.78 2.01 0.00	79.23 2.33 0.00	73.87 2.19 0.00	61.65 1.72 0.00	48.56 1.38 0.00
NEG NORTH___PLATTSBURG 23628	49.61 1.28 0.00	46.10 1.10 0.00	43.57 1.11 0.00	39.63 0.97 0.00	35.26 0.94 0.00	42.68 1.24 0.00	65.66 2.26 0.00	74.89 2.53 0.00	71.13 2.45 0.00	59.55 1.82 0.00	54.02 1.34 0.00	62.39 1.24 0.00	68.35 1.33 0.00	54.21 0.93 0.00	111.40 2.12 0.00	89.57 2.01 0.00	91.27 2.35 0.00	99.49 2.34 0.00	85.43 2.14 0.00	75.77 2.00 0.00	79.23 2.33 0.00	73.87 2.18 0.00	61.65 1.72 0.00	48.56 1.38 0.00
NEG WEST_LEA_LOCKPORT 23791	43.83 -4.51 0.00	40.39 -4.61 0.00	38.13 -4.33 0.00	33.36 -4.21 1.08	30.85 -3.47 0.00	37.87 -3.57 0.00	56.78 -6.62 0.00	60.41 -7.73 4.22	61.54 -7.14 0.00	27.96 -4.91 24.86	39.76 -5.20 7.72	32.60 -6.06 22.49	39.91 -6.47 20.64	34.77 -5.38 13.13	65.37 -10.60 33.31	66.83 -9.02 11.70	55.44 -8.94 24.54	73.68 -9.74 13.73	72.81 -7.63 2.85	58.81 -6.67 8.29	65.99 -7.25 3.66	63.80 -6.57 1.31	55.13 -4.80 0.00	43.59 -3.22 0.35
NEG WEST___LANCASTR 23811	44.40 -3.94 0.00	40.93 -4.07 0.00	38.67 -3.80 0.00	33.68 -3.66 1.32	31.31 -3.01 0.00	38.37 -3.07 0.00	57.77 -5.63 0.00	60.41 -6.64 5.30	62.47 -6.21 0.00	21.65 -4.21 31.87	38.67 -4.36 9.65	28.42 -5.01 27.72	35.33 -5.42 26.27	32.07 -4.51 16.70	57.91 -9.02 42.35	64.88 -7.91 14.76	50.12 -7.88 30.93	71.37 -8.48 17.31	73.23 -6.45 3.60	57.62 -5.67 10.48	66.07 -6.22 4.62	64.35 -5.67 1.66	55.73 -4.20 0.00	43.78 -2.94 0.45
NEG_PENN_ALLEGHNY 23528	47.91 -0.43 0.00	44.53 -0.47 0.00	42.06 -0.41 0.00	38.00 -0.43 0.22	33.94 -0.38 0.00	41.17 -0.27 0.00	62.85 -0.54 0.00	70.17 -0.66 1.53	68.01 -0.67 0.00	52.67 -0.46 4.60	50.74 -0.38 1.57	58.41 -0.42 2.32	62.91 -0.54 3.56	50.49 -0.49 2.29	102.49 -1.00 5.79	83.23 -0.87 3.46	77.22 -0.86 10.85	90.42 -0.65 6.08	81.75 -0.26 1.27	69.69 -0.37 3.71	74.65 -0.62 1.63	70.46 -0.63 0.59	59.48 -0.45 0.00	46.61 -0.40 0.16
NEG___GEN_MONROE 24207	46.05 -2.29 0.00	42.58 -2.42 0.00	40.17 -2.29 0.00	35.70 -2.27 0.68	32.53 -1.79 0.00	39.76 -1.68 0.00	60.29 -3.11 0.00	66.16 -3.53 2.67	65.52 -3.16 0.00	40.33 -2.18 15.22	45.67 -2.41 4.61	45.95 -2.96 12.24	51.17 -3.07 12.78	42.62 -2.51 8.16	83.96 -4.61 20.71	76.28 -4.00 7.27	69.97 -3.84 15.12	84.69 -3.96 8.50	78.63 -2.90 1.75	66.09 -2.57 5.10	71.67 -2.98 2.25	68.11 -2.76 0.81	57.97 -1.96 0.00	45.66 -1.30 0.22
NEPA___ENERGY 23901	44.28 -4.05 0.00	40.83 -4.17 0.00	38.68 -3.79 0.00	33.74 -3.61 1.31	31.17 -3.14 0.00	38.24 -3.20 0.00	57.83 -5.56 0.00	60.22 -6.84 5.29	62.60 -6.09 0.00	20.94 -4.53 32.26	38.45 -4.54 9.69	28.57 -5.38 27.20	35.11 -5.88 26.03	31.89 -4.81 16.58	56.74 -10.51 42.03	64.00 -8.92 14.63	49.11 -9.17 30.65	70.53 -6.90 17.15	72.82 -6.24 3.57	57.15 -6.69 10.38	65.63 -6.69 4.57	64.25 -5.78 1.65	55.71 -4.22 0.00	43.38 -3.35 0.44

NEVERSINK___HYD 23608	49.75 1.42 0.00	46.30 1.31 0.00	43.61 1.15 0.00	39.69 1.04 0.00	35.20 0.89 0.00	42.55 1.11 0.00	65.34 1.94 0.00	74.65 2.29 0.00	70.63 1.94 0.00	59.39 1.67 0.00	54.48 1.80 0.00	63.25 2.10 0.00	69.32 2.30 0.00	55.03 1.75 0.00	112.07 2.79 0.00	90.01 2.45 0.00	91.75 2.82 0.00	100.65 3.50 0.00	86.22 2.93 0.00	76.21 2.44 0.00	78.99 2.09 0.00	73.43 1.75 0.00	61.32 1.39 0.00	48.08 0.91 0.00
NEWKRMKL_115KV_TB1 55635	49.36 1.02 0.00	46.06 1.07 0.00	43.50 1.03 0.00	39.71 1.05 0.00	35.18 0.86 0.00	42.37 0.93 0.00	64.01 0.61 0.00	73.34 0.98 0.00	69.49 0.81 0.00	58.30 0.58 0.00	53.14 0.45 0.00	61.82 0.67 0.00	67.72 0.71 0.00	53.98 0.69 0.00	109.94 0.65 0.00	87.98 0.42 0.00	89.25 0.32 0.00	97.58 0.43 0.00	83.51 0.22 0.00	73.94 0.17 0.00	77.10 0.20 0.00	71.88 0.19 0.00	59.98 0.04 0.00	47.22 0.05 0.00
NEWTON___FALLS_HYD 23847	48.46 0.12 0.00	45.20 0.21 0.00	43.01 0.54 0.00	39.02 0.36 0.00	34.75 0.43 0.00	41.94 0.50 0.00	64.38 0.99 0.00	73.92 1.56 0.00	70.15 1.47 0.00	58.69 0.96 0.00	53.12 0.43 0.00	61.36 0.22 0.00	67.28 0.26 0.00	53.05 -0.23 0.00	109.60 0.32 0.00	87.37 -0.18 0.00	89.30 0.37 0.00	96.68 -0.47 0.00	82.75 -0.54 0.00	74.26 0.49 0.00	77.96 1.07 0.00	72.62 0.94 0.00	60.52 0.59 0.00	47.65 0.48 0.00
NGRID_A1_DSASP 323792	43.27 -5.07 0.00	39.90 -5.10 0.00	37.67 -4.80 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.12 -8.99 4.25	60.35 -8.33 0.00	26.45 -6.12 25.16	38.60 -6.33 7.76	31.28 -7.40 22.47	38.21 -7.93 20.88	33.55 -6.44 13.28	62.29 -13.30 33.70	64.71 -11.04 11.80	53.11 -11.04 24.78	71.38 -11.92 13.85	71.05 -9.36 2.87	57.17 -8.23 8.36	64.38 -8.84 3.69	62.43 -7.93 1.33	54.26 -5.67 0.00	43.03 -3.79 0.36
NGRID_A2_DSASP 323793	43.27 -5.07 0.00	39.90 -5.10 0.00	37.67 -4.80 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.12 -8.99 4.25	60.35 -8.33 0.00	26.45 -6.12 25.16	38.60 -6.33 7.76	31.28 -7.40 22.47	38.21 -7.93 20.88	33.55 -6.44 13.28	62.29 -13.30 33.70	64.71 -11.04 11.80	53.11 -11.04 24.78	71.38 -11.92 13.85	71.05 -9.36 2.87	57.17 -8.23 8.36	64.38 -8.84 3.69	62.43 -7.93 1.33	54.26 -5.67 0.00	43.03 -3.79 0.36
NGRID_A4_DSASP 323807	43.27 -5.07 0.00	39.90 -5.10 0.00	37.67 -4.66 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.12 -8.99 4.25	60.35 -8.33 0.00	26.45 -6.12 25.16	38.60 -6.33 7.76	31.28 -7.40 22.47	38.21 -7.93 20.88	33.55 -6.44 13.28	62.29 -13.30 33.70	64.71 -11.04 11.80	53.11 -11.04 24.78	71.38 -11.92 13.85	71.05 -9.36 2.87	57.17 -8.23 8.36	64.38 -8.84 3.69	62.43 -7.93 1.33	54.26 -5.67 0.00	43.03 -3.79 0.36
NIAGARA_115E_LBMP 323715	43.18 -5.16 0.00	39.79 -5.21 0.00	37.56 -4.90 0.00	32.84 -4.73 1.09	30.38 -3.93 0.00	37.28 -4.16 0.00	55.80 -7.60 0.00	59.30 -8.77 4.28	60.54 -8.15 0.00	26.77 -5.61 25.35	39.01 -5.85 7.82	31.76 -6.71 22.67	38.72 -7.26 21.03	33.78 -6.12 13.38	63.27 -12.07 33.94	65.36 -10.30 11.90	53.94 -10.03 24.96	72.02 -11.17 13.96	71.41 -8.98 2.90	57.51 -7.83 8.43	64.75 -8.43 3.72	62.67 -7.68 1.34	54.27 -5.66 0.00	42.95 -3.86 0.36
NIAGARA_115W_LBMP 323714	43.19 -5.14 0.00	39.84 -5.15 0.00	37.59 -4.88 0.00	32.85 -4.72 1.08	30.40 -3.92 0.00	37.33 -4.11 0.00	55.87 -7.52 0.00	58.95 -9.18 4.23	60.18 -8.50 0.00	26.23 -6.42 25.08	38.48 -6.47 7.73	31.10 -7.66 22.38	38.02 -8.18 20.81	33.41 -6.64 13.24	62.10 -13.60 33.58	64.59 -11.20 11.76	52.90 -11.33 24.69	71.22 -12.13 13.80	70.87 -9.56 2.86	57.01 -8.42 8.34	64.21 -9.01 3.67	62.25 -8.11 1.32	54.15 -5.79 0.00	42.95 -3.87 0.36
NIAGARA_230_LBMP 323716	43.60 -4.74 0.00	40.23 -4.77 0.00	37.97 -4.50 0.00	33.23 -4.38 1.05	30.70 -3.62 0.00	37.67 -3.77 0.00	56.48 -6.91 0.00	60.00 -8.24 4.11	61.16 -7.52 0.00	27.77 -5.60 24.34	39.56 -5.63 7.49	32.77 -6.71 21.66	39.63 -7.18 20.21	34.53 -5.90 12.86	64.86 -11.80 32.62	66.23 -9.91 11.42	55.04 -9.90 23.99	73.08 -10.67 13.40	72.16 -8.35 2.78	58.36 -7.32 8.09	65.47 -7.86 3.57	63.34 -7.06 1.28	54.74 -5.19 0.00	43.31 -3.52 0.34
NIAGARA___115KV_198_GIBSON 55903	43.19 -5.14 0.00	39.83 -5.17 0.00	37.59 -4.87 0.00	32.86 -4.72 1.08	30.40 -3.92 0.00	37.33 -4.11 0.00	55.87 -7.52 0.00	59.01 -9.11 4.23	60.21 -8.47 0.00	26.43 -6.22 25.08	38.52 -6.44 7.73	31.24 -7.52 22.38	38.14 -8.07 20.81	33.50 -6.54 13.24	62.18 -13.53 33.58	64.54 -11.25 11.76	53.00 -11.23 24.69	71.20 -12.15 13.80	70.87 -9.56 2.86	57.03 -8.40 8.34	64.20 -9.02 3.67	62.25 -8.11 1.32	54.15 -5.78 0.00	42.95 -3.87 0.36
NIAGARA____ 23760	43.60 -4.74 0.00	40.23 -4.77 0.00	37.97 -4.50 0.00	33.22 -4.38 1.06	30.70 -3.62 0.00	37.67 -3.77 0.00	56.48 -6.91 0.00	59.95 -8.24 4.16	61.16 -7.52 0.00	27.53 -5.60 24.60	39.47 -5.63 7.58	32.51 -6.71 21.92	39.41 -7.18 20.42	34.40 -5.90 12.99	64.47 -11.80 33.01	66.10 -9.91 11.55	54.74 -9.90 24.28	72.91 -10.67 13.57	72.12 -8.35 2.82	58.24 -7.32 8.21	65.42 -7.86 3.62	63.32 -7.06 1.30	54.74 -5.19 0.00	43.30 -3.52 0.35
NINE_MILE_1 23575	46.21 -2.13 0.00	43.02 -1.98 0.00	40.59 -1.87 0.00	36.94 -1.72 0.00	32.85 -1.47 0.00	39.71 -1.73 0.00	60.61 -2.79 0.00	69.23 -3.13 0.00	65.73 -2.96 0.00	55.27 -2.46 0.00	50.46 -2.22 0.00	58.53 -2.62 0.00	64.10 -2.92 0.00	51.05 -2.23 0.00	105.41 -3.88 0.00	84.42 -3.13 0.00	85.76 -3.17 0.00	93.76 -3.39 0.00	80.46 -2.83 0.00	71.25 -2.52 0.00	74.17 -2.73 0.00	69.10 -2.59 0.00	57.79 -2.14 0.00	45.51 -1.66 0.00
NINE_MILE_2 23744	46.21 -2.13 0.00	43.02 -1.98 0.00	40.59 -1.87 0.00	36.94 -1.71 0.00	32.85 -1.47 0.00	39.71 -1.73 0.00	60.61 -2.79 0.00	69.24 -3.12 0.00	65.73 -2.96 0.00	55.28 -2.45 0.00	50.48 -2.21 0.00	58.53 -2.62 0.00	64.10 -2.92 0.00	51.05 -2.23 0.00	105.41 -3.88 0.00	84.42 -3.13 0.00	85.77 -3.16 0.00	93.76 -3.39 0.00	80.46 -2.83 0.00	71.25 -2.52 0.00	74.18 -2.72 0.00	69.10 -2.58 0.00	57.80 -2.14 0.00	45.52 -1.65 0.00
NM_CAPITAL___DRP 24208	49.34 1.01 0.00	46.04 1.04 0.00	43.46 1.00 0.00	39.69 1.04 0.00	35.16 0.84 0.00	42.35 0.91 0.00	64.05 0.65 0.00	73.36 1.01 0.00	69.52 0.84 0.00	58.36 0.63 0.00	53.22 0.54 0.00	61.93 0.79 0.00	67.83 0.81 0.00	54.05 0.77 0.00	110.07 0.78 0.00	88.08 0.53 0.00	89.32 0.40 0.00	97.64 0.49 0.00	83.58 0.29 0.00	74.02 0.25 0.00	77.24 0.34 0.00	72.02 0.34 0.00	60.10 0.17 0.00	47.31 0.14 0.00
NM_CENTRAL___DRP 24181	46.99 -1.34 0.00	43.71 -1.29 0.00	41.26 -1.20 0.00	37.54 -1.12 0.00	33.39 -0.93 0.00	40.41 -1.03 0.00	61.72 -1.68 0.00	70.51 -1.85 0.00	66.92 -1.76 0.00	56.35 -1.37 0.00	51.49 -1.19 0.00	59.70 -1.45 0.00	65.35 -1.66 0.00	52.04 -1.25 0.00	107.30 -1.99 0.00	85.90 -1.65 0.00	87.29 -1.63 0.00	95.47 -1.69 0.00	81.95 -1.34 0.00	72.54 -1.23 0.00	75.45 -1.45 0.00	70.24 -1.44 0.00	58.72 -1.21 0.00	46.22 -0.95 0.00

NM_FRONTIER___DRP 24179	43.19 -5.14 0.00	39.83 -5.17 0.00	37.59 -4.87 0.00	32.86 -4.72 1.08	30.40 -3.92 0.00	37.33 -4.11 0.00	55.87 -7.52 0.00	59.01 -9.11 4.23	60.21 -8.47 0.00	26.43 -6.22 25.08	38.52 -6.44 7.73	31.24 -7.52 22.38	38.14 -8.07 20.81	33.50 -6.54 13.24	62.18 -13.53 33.58	64.54 -11.25 11.76	53.00 -11.23 24.69	71.20 -12.15 13.80	70.87 -9.56 2.86	57.03 -8.40 8.34	64.20 -9.02 3.67	62.25 -8.11 1.32	54.15 -5.78 0.00	42.95 -3.87 0.36
NM_ST_REGIS___HYD 24053	49.70 1.37 0.00	46.18 1.19 0.00	43.67 1.20 0.00	39.67 1.02 0.00	35.33 1.01 0.00	42.71 1.27 0.00	65.72 2.32 0.00	75.06 2.70 0.00	71.29 2.61 0.00	59.70 1.97 0.00	54.19 1.51 0.00	62.57 1.43 0.00	68.64 1.62 0.00	54.45 1.17 0.00	111.93 2.64 0.00	89.58 2.03 0.00	90.66 1.74 0.00	98.34 1.19 0.00	84.36 1.08 0.00	75.27 1.50 0.00	79.23 2.33 0.00	74.20 2.52 0.00	61.90 1.97 0.00	48.77 1.60 0.00
NORTHPORT___1 23551	50.64 2.31 0.00	47.01 2.01 0.00	44.09 1.62 0.00	40.21 1.56 0.00	35.53 1.21 0.00	42.74 1.30 0.00	16.85 1.78 48.33	13.29 1.96 61.02	13.14 1.94 57.48	14.47 1.58 44.84	52.62 2.02 2.08	53.23 2.94 10.85	53.08 3.29 17.22	55.37 2.80 0.71	60.09 3.10 52.29	49.45 2.66 40.77	16.01 2.88 75.80	16.01 3.87 85.01	16.01 3.12 70.40	16.01 2.44 60.20	11.40 1.83 67.33	7.34 1.43 65.77	16.09 1.48 45.32	48.15 0.99 0.01
NORTHPORT___2 23552	50.64 2.31 0.00	47.01 2.01 0.00	44.09 1.62 0.00	40.21 1.56 0.00	35.53 1.21 0.00	42.74 1.30 0.00	16.85 1.78 48.33	13.29 1.96 61.02	13.14 1.94 57.48	14.47 1.58 44.84	52.62 2.02 2.08	53.23 2.94 10.85	53.08 3.29 17.22	55.37 2.80 0.71	60.09 3.10 52.29	49.45 2.66 40.77	16.01 2.88 75.80	16.01 3.87 85.01	16.01 3.12 70.40	16.01 2.44 60.20	11.40 1.83 67.33	7.34 1.43 65.77	16.09 1.48 45.32	48.15 0.99 0.01
NORTHPORT___3 23553	50.66 2.32 0.00	47.02 2.02 0.00	44.11 1.65 0.00	40.23 1.57 0.00	35.54 1.22 0.00	42.75 1.31 0.00	36.79 1.79 28.39	38.47 1.96 35.85	36.86 1.94 33.77	32.96 1.58 26.34	53.50 2.03 1.22	57.76 2.99 6.38	60.59 3.31 9.74	55.92 2.83 0.20	81.70 3.13 30.72	66.27 2.66 23.95	47.28 2.88 44.53	51.06 3.84 49.94	45.52 3.11 40.87	40.84 2.44 35.36	39.17 1.83 39.55	34.48 1.44 38.64	34.81 1.51 26.63	48.17 1.00 0.01
NORTHPORT___4 23650	50.66 2.32 0.00	47.02 2.02 0.00	44.11 1.65 0.00	40.23 1.57 0.00	35.54 1.22 0.00	42.75 1.31 0.00	36.79 1.79 28.39	38.47 1.96 35.85	36.86 1.94 33.77	32.96 1.58 26.34	53.50 2.03 1.22	57.76 2.99 6.38	60.59 3.31 9.74	55.92 2.83 0.20	81.70 3.13 30.72	66.27 2.66 23.95	47.28 2.88 44.53	51.06 3.84 49.94	45.52 3.11 40.87	40.84 2.44 35.36	39.17 1.83 39.55	34.48 1.44 38.64	34.81 1.51 26.63	48.17 1.00 0.01
NORTHPORT___IC 23718	50.64 2.31 0.00	47.00 2.01 0.00	44.09 1.63 0.00	40.21 1.56 0.00	35.53 1.21 0.00	42.74 1.30 0.00	16.85 1.78 48.33	13.30 1.97 61.02	13.15 1.95 57.48	14.44 1.55 44.84	52.61 2.01 2.08	53.19 2.89 10.85	53.03 3.23 17.22	55.34 2.76 0.71	60.04 3.04 52.29	49.45 2.67 40.77	16.01 2.88 75.80	16.02 3.88 85.01	16.02 3.13 70.40	16.02 2.45 60.20	11.40 1.83 67.33	7.34 1.43 65.77	16.08 1.47 45.32	48.14 0.98 0.01
NORTH___COUNTRY_ESR 323785	49.09 0.76 0.00	45.64 0.64 0.00	43.13 0.67 0.00	39.24 0.58 0.00	34.90 0.59 0.00	42.20 0.76 0.00	64.87 1.48 0.00	73.95 1.59 0.00	70.25 1.57 0.00	58.82 1.10 0.00	53.42 0.74 0.00	61.74 0.60 0.00	67.73 0.71 0.00	53.72 0.43 0.00	110.30 1.02 0.00	88.64 1.08 0.00	90.19 1.27 0.00	98.15 1.00 0.00	84.24 0.96 0.00	74.72 0.95 0.00	78.20 1.30 0.00	72.94 1.25 0.00	60.92 0.99 0.00	48.02 0.85 0.00
NPX_GEN_1385_PROXY 323591	50.86 2.52 0.00	47.23 2.23 0.00	44.15 1.68 0.00	42.39 1.88 -1.86	43.42 1.49 -7.61	68.66 1.65 -25.57	148.07 2.29 -82.38	17.13 2.54 57.77	54.59 2.50 16.59	14.88 1.99 44.84	52.99 2.39 2.08	59.36 3.48 5.27	62.20 3.85 8.67	69.01 3.24 -12.48	60.85 3.85 52.29	50.14 3.35 40.77	81.17 3.60 11.35	16.74 4.59 85.01	82.17 3.84 4.95	105.47 3.05 -28.65	61.92 2.45 17.43	46.15 1.99 27.53	16.20 1.59 45.32	48.21 1.05 0.01
NPX_GEN_CSC 323557	50.87 2.54 0.00	47.15 2.15 0.00	44.23 1.76 0.00	40.33 1.67 0.00	35.72 1.40 0.00	43.03 1.59 0.00	81.39 2.27 -15.73	86.73 2.51 -11.86	82.34 2.48 -11.17	68.53 2.09 -8.72	55.39 2.30 -0.40	66.67 3.41 -2.11	75.41 3.95 -4.44	57.32 3.27 -0.77	123.11 3.65 -10.17	98.92 3.44 -7.93	107.64 3.97 -14.74	118.89 5.20 -16.55	102.72 4.34 -15.10	88.91 3.43 -11.71	92.74 2.75 -13.09	87.75 2.18 -13.89	70.81 2.07 -8.81	48.62 1.44 0.00
NSINS_S_GLNS_FALLS 23858	50.47 2.13 0.00	46.91 1.91 0.00	44.18 1.72 0.00	40.40 1.74 0.00	35.87 1.55 0.00	43.40 1.96 0.00	66.07 2.68 0.00	75.75 3.39 0.00	71.80 3.12 0.00	60.19 2.46 0.00	54.97 2.28 0.00	63.90 2.76 0.00	70.04 3.02 0.00	55.85 2.56 0.00	113.62 4.33 0.00	90.76 3.21 0.00	92.27 3.34 0.00	100.98 3.83 0.00	86.56 3.28 0.00	76.58 2.81 0.00	80.43 3.53 0.00	75.00 3.31 0.00	62.29 2.37 0.00	48.82 1.65 0.00
NUCOR_STEEL___DRP 24197	47.43 -0.90 0.00	44.10 -0.90 0.00	41.62 -0.84 0.00	38.30 -0.82 -0.46	33.77 -0.55 0.00	40.98 -0.46 0.00	62.40 -1.00 0.00	71.29 -1.07 0.00	67.63 -1.05 0.00	70.73 -0.81 -13.81	56.41 -0.49 -4.21	68.16 -0.70 -7.71	74.27 -1.16 -8.41	57.79 -0.87 -5.38	122.15 -0.74 -13.60	92.40 -0.61 -5.45	101.58 -0.46 -13.11	104.25 -0.27 -7.36	84.72 -0.10 -1.54	78.10 -0.14 -4.48	78.53 -0.34 -1.97	71.65 -0.74 -0.71	59.49 -0.44 0.00	47.05 -0.31 -0.19
NUMBER_THREE_WT_PWR 323818	47.98 -0.35 0.00	45.02 0.02 0.00	43.09 0.62 0.00	39.02 0.36 0.00	34.78 0.47 0.00	42.05 0.62 0.00	64.35 0.95 0.00	74.40 2.05 0.00	70.54 1.86 0.00	59.02 1.30 0.00	53.03 0.35 0.00	61.23 0.09 0.00	67.05 0.04 0.00	52.55 -0.73 0.00	109.25 -0.03 0.00	87.14 -0.41 0.00	90.06 1.14 0.00	97.43 0.27 0.00	83.19 -0.10 0.00	75.00 1.24 0.00	78.30 1.40 0.00	72.06 0.38 0.00	60.01 0.08 0.00	47.22 0.05 0.00
NYISO_LBMP_REFERENCE 24008	48.34 0.00 0.00	45.00 0.00 0.00	42.46 0.00 0.00	38.66 0.00 0.00	34.32 0.00 0.00	41.44 0.00 0.00	63.40 0.00 0.00	72.36 0.00 0.00	68.68 0.00 0.00	57.72 0.00 0.00	52.68 0.00 0.00	61.15 0.00 0.00	67.02 0.00 0.00	53.28 0.00 0.00	109.29 0.00 0.00	87.55 0.00 0.00	88.93 0.00 0.00	97.15 0.00 0.00	83.29 0.00 0.00	73.77 0.00 0.00	76.90 0.00 0.00	71.68 0.00 0.00	59.93 0.00 0.00	47.17 0.00 0.00
NYPA_BRENTWD____GT 24164	51.33 2.99 0.00	47.61 2.62 0.00	44.68 2.22 0.00	40.75 2.09 0.00	36.04 1.72 0.00	43.43 1.99 0.00	74.51 3.00 -8.11	85.91 3.31 -10.25	81.74 3.41 -9.65	68.09 2.84 -7.53	56.06 3.02 -0.35	67.26 4.29 -1.83	75.82 4.81 -3.99	57.79 3.76 -0.75	123.44 5.38 -8.78	98.87 4.47 -6.84	106.39 4.73 -12.73	117.36 5.92 -14.29	101.40 4.88 -13.24	87.86 3.97 -10.12	91.56 3.36 -11.31	85.52 2.80 -11.04	70.30 2.77 -7.61	49.02 1.84 0.00

NYPA_GOWANUS____GT5 24156	50.94	47.34	44.54	40.58	36.01	43.44	66.59	76.12	71.94	60.53	55.73	64.85	71.24	57.55	114.94	91.91	93.37	102.30	87.52	77.25	79.77	74.15	62.04	48.78
	2.61	2.34	2.08	1.93	1.69	2.00	3.20	3.77	3.26	2.81	3.04	3.70	4.22	3.59	5.65	4.35	4.45	5.15	4.23	3.48	2.87	2.46	2.11	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	50.94	47.34	44.54	40.58	36.01	43.44	66.59	76.12	71.94	60.53	55.73	64.85	71.24	57.55	114.94	91.91	93.37	102.30	87.52	77.25	79.77	74.15	62.04	48.78
	2.61	2.34	2.08	1.93	1.69	2.00	3.20	3.77	3.26	2.81	3.04	3.70	4.22	3.59	5.65	4.35	4.45	5.15	4.23	3.48	2.87	2.46	2.11	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	50.69	47.14	44.35	40.48	35.92	43.23	66.37	75.93	71.84	60.43	55.56	64.78	71.04	57.27	114.65	91.72	93.20	102.10	87.32	77.08	79.67	74.04	61.89	48.60
	2.36	2.14	1.88	1.83	1.60	1.79	2.98	3.58	3.15	2.70	2.88	3.63	4.02	3.31	5.36	4.16	4.28	4.95	4.03	3.31	2.77	2.35	1.96	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	50.69	47.14	44.35	40.48	35.92	43.23	66.37	75.93	71.84	60.43	55.56	64.78	71.04	57.27	114.65	91.72	93.20	102.10	87.32	77.08	79.67	74.04	61.89	48.60
	2.36	2.14	1.88	1.83	1.60	1.79	2.98	3.58	3.15	2.70	2.88	3.63	4.02	3.31	5.36	4.16	4.28	4.95	4.03	3.31	2.77	2.35	1.96	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	50.91	47.31	44.51	40.57	36.00	43.43	66.55	76.05	71.91	60.52	55.71	64.87	71.22	57.52	114.96	91.92	93.35	102.21	87.43	77.15	79.68	74.07	61.98	48.72
	2.58	2.31	2.05	1.92	1.68	1.99	3.15	3.70	3.23	2.80	3.02	3.72	4.21	3.56	5.67	4.36	4.43	5.05	4.14	3.38	2.78	2.39	2.05	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	50.94	47.36	44.55	40.61	36.02	43.47	66.62	76.11	71.84	60.40	55.61	64.63	71.03	57.44	114.56	91.65	93.16	102.07	87.35	77.11	79.63	74.00	61.93	48.73
	2.61	2.36	2.09	1.95	1.70	2.03	3.22	3.75	3.16	2.67	2.93	3.49	4.01	3.48	5.27	4.10	4.23	4.92	4.07	3.34	2.73	2.32	2.00	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	50.88	47.29	44.48	40.55	35.98	43.41	66.48	76.03	71.86	60.52	55.70	64.89	71.20	57.49	115.05	91.90	93.30	102.18	87.40	77.10	79.64	74.03	61.91	48.65
	2.54	2.29	2.01	1.89	1.66	1.97	3.08	3.67	3.18	2.80	3.01	3.74	4.18	3.53	5.76	4.35	4.37	5.03	4.11	3.33	2.74	2.35	1.98	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	50.88	47.29	44.48	40.55	35.98	43.41	66.48	76.03	71.86	60.52	55.70	64.89	71.20	57.49	115.05	91.90	93.30	102.18	87.40	77.10	79.64	74.03	61.91	48.65
	2.54	2.29	2.01	1.89	1.66	1.97	3.08	3.67	3.18	2.80	3.01	3.74	4.18	3.53	5.76	4.35	4.37	5.03	4.11	3.33	2.74	2.35	1.98	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	50.85	47.25	44.47	40.54	35.97	43.38	66.47	76.02	71.86	60.50	55.68	64.87	71.17	57.46	114.96	91.86	93.27	102.12	87.37	77.07	79.63	74.01	61.89	48.65
	2.51	2.25	2.00	1.88	1.66	1.94	3.07	3.66	3.17	2.78	3.00	3.72	4.15	3.50	5.68	4.31	4.34	4.97	4.09	3.30	2.73	2.32	1.96	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	50.85	47.25	44.47	40.54	35.97	43.38	66.47	76.02	71.86	60.50	55.68	64.87	71.17	57.46	114.96	91.86	93.27	102.12	87.37	77.07	79.63	74.01	61.89	48.65
	2.51	2.25	2.00	1.88	1.66	1.94	3.07	3.66	3.17	2.78	3.00	3.72	4.15	3.50	5.68	4.31	4.34	4.97	4.09	3.30	2.73	2.32	1.96	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	50.74	47.06	44.16	40.26	35.62	42.88	75.29	87.04	82.61	68.73	55.31	66.62	75.35	57.16	123.45	98.94	107.79	119.02	102.77	88.96	92.90	86.90	70.99	48.45
	2.40	2.06	1.69	1.61	1.30	1.45	2.03	2.22	2.19	1.85	2.20	3.25	3.71	3.10	3.49	3.06	3.38	4.49	3.69	2.89	2.25	1.79	1.80	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	-9.87	-12.46	-11.74	-9.15	-0.42	-2.22	-4.62	-0.78	-10.67	-8.32	-15.48	-17.38	-15.79	-12.30	-13.75	-13.43	-9.25	0.00
NYPA____HELLGATE_GT1 24158	50.69	47.14	44.35	40.48	35.92	43.22	66.26	75.81	71.74	60.41	55.56	64.78	70.98	57.23	114.62	91.64	93.07	101.95	87.25	77.01	79.62	73.99	61.85	48.57
	2.36	2.14	1.88	1.83	1.60	1.77	2.87	3.45	3.05	2.69	2.88	3.63	3.97	3.27	5.34	4.08	4.15	4.80	3.96	3.24	2.72	2.30	1.92	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	50.69	47.14	44.35	40.48	35.92	43.22	66.26	75.81	71.74	60.41	55.56	64.78	70.98	57.23	114.62	91.64	93.07	101.95	87.25	77.01	79.62	73.99	61.85	48.57
	2.36	2.14	1.88	1.83	1.60	1.77	2.87	3.45	3.05	2.69	2.88	3.63	3.97	3.27	5.34	4.08	4.15	4.80	3.96	3.24	2.72	2.30	1.92	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	43.87	40.44	38.17	33.42	30.87	37.90	56.84	60.61	61.63	28.57	40.02	33.43	40.48	35.10	66.33	67.17	56.24	74.18	72.96	59.10	66.18	63.91	55.19	43.63
	-4.46	-4.56	-4.29	-4.19	-3.45	-3.54	-6.56	-7.63	-7.05	-4.90	-5.16	-6.01	-6.40	-5.36	-10.45	-8.97	-8.76	-9.58	-7.55	-6.59	-7.16	-6.49	-4.74	-3.20
	0.00	0.00	0.00	1.05	0.00	0.00	0.00	4.11	0.00	24.25	7.50	21.70	20.14	12.81	32.51	11.41	23.92	13.38	2.78	8.08	3.56	1.28	0.00	0.34
OAK ORCHARD____HYD 24046	45.89	42.49	40.07	35.64	32.44	39.62	60.08	65.94	65.27	40.42	45.66	46.67	51.24	42.63	84.07	76.13	69.96	84.45	78.25	65.85	71.38	67.86	57.70	45.44
	-2.45	-2.51	-2.39	-2.35	-1.88	-1.82	-3.31	-3.82	-3.42	-2.50	-2.60	-3.19	-3.35	-2.71	-5.06	-4.34	-4.25	-4.43	-3.33	-2.95	-3.33	-3.04	-2.23	-1.52
	0.00	0.00	0.00	0.66	0.00	0.00	0.00	2.60	0.00	14.80	4.43	11.29	12.42	7.94	20.16	7.08	14.71	8.27	1.71	4.97	2.19	0.79	0.00	0.21

OAKDALE___35_KV_LOAD 356122	47.71 -0.63 0.00	44.36 -0.64 0.00	41.89 -0.57 0.00	37.75 -0.58 0.33	33.81 -0.51 0.00	40.98 -0.46 0.00	62.51 -0.89 0.00	69.22 -1.04 2.10	67.63 -1.05 0.00	50.30 -0.74 6.68	49.80 -0.64 2.24	56.57 -0.69 3.89	60.81 -0.83 5.38	49.13 -0.70 3.46	99.14 -1.42 8.73	81.47 -1.30 4.78	73.24 -1.35 14.34	87.88 -1.23 8.04	80.84 -0.77 1.68	68.08 -0.79 4.90	73.70 -1.04 2.16	69.89 -1.02 0.78	59.19 -0.74 0.00	46.37 -0.60 0.21
OCC_CHEM___DRP 24175	43.27 -5.07 0.00	39.90 -5.10 0.00	37.67 -4.80 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.12 -8.99 4.25	60.35 -8.33 0.00	26.45 -6.12 25.16	38.60 -6.33 7.76	31.28 -7.40 22.47	38.21 -7.93 20.88	33.55 -6.44 13.28	62.29 -13.30 33.70	64.71 -11.04 11.80	53.11 -11.04 24.78	71.38 -11.92 13.85	71.05 -9.36 2.87	57.17 -8.23 8.36	64.38 -8.84 3.69	62.43 -7.93 1.33	54.26 -5.67 0.00	43.03 -3.79 0.36
OH_GEN_PROXY 24063	43.67 -4.67 0.00	40.30 -4.70 0.00	38.04 -4.42 0.00	33.30 -4.32 1.04	30.76 -3.56 0.00	37.75 -3.69 0.00	62.99 -6.75 -6.34	60.23 -8.03 4.09	61.35 -7.33 0.00	27.99 -5.47 24.26	39.79 -5.47 7.42	33.32 -6.55 21.27	39.90 -6.99 20.13	34.73 -5.74 12.81	65.30 -11.49 32.49	66.51 -9.69 11.35	55.40 -9.68 23.84	73.39 -10.44 13.32	72.38 -8.15 2.76	58.59 -7.14 8.04	65.70 -7.66 3.54	64.63 -6.88 0.17	54.86 -5.07 0.00	43.36 -3.47 0.34
OLIN_CORP_DRP 24177	43.26 -5.08 0.00	39.86 -5.14 0.00	37.63 -4.83 0.00	32.89 -4.66 1.10	30.43 -3.88 0.00	37.36 -4.08 0.00	55.95 -7.45 0.00	59.42 -8.60 4.34	60.67 -8.02 0.00	26.60 -5.44 25.68	39.05 -5.71 7.92	31.60 -6.57 22.97	38.59 -7.12 21.30	33.76 -5.97 13.56	63.04 -11.86 34.38	65.49 -10.01 12.05	53.72 -9.92 25.28	72.00 -11.01 14.14	71.56 -8.80 2.93	57.58 -7.65 8.54	64.88 -8.26 3.76	62.80 -7.53 1.35	54.38 -5.55 0.00	43.07 -3.74 0.36
OLIN_CORP_DSASP 323712	43.27 -5.07 0.00	39.90 -5.10 0.00	37.67 -4.80 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.12 -8.99 4.25	60.35 -8.33 0.00	26.45 -6.12 25.16	38.60 -6.33 7.76	31.28 -7.40 22.47	38.21 -7.93 20.88	33.55 -6.44 13.28	62.29 -13.30 33.70	64.71 -11.04 11.80	53.11 -11.04 24.78	71.38 -11.92 13.85	71.05 -9.36 2.87	57.17 -8.23 8.36	64.38 -8.84 3.69	62.43 -7.93 1.33	54.26 -5.67 0.00	43.03 -3.79 0.36
ONEIDA_HERK_LFGE 323681	48.78 0.44 0.00	45.58 0.58 0.00	43.26 0.79 0.00	39.28 0.63 0.00	34.98 0.66 0.00	42.30 0.86 0.00	64.82 1.42 0.00	75.11 2.75 0.00	71.24 2.55 0.00	59.75 2.02 0.00	53.75 1.07 0.00	62.21 1.07 0.00	67.94 0.92 0.00	53.73 0.45 0.00	110.94 1.65 0.00	88.71 1.16 0.00	90.84 1.91 0.00	98.86 1.70 0.00	84.63 1.35 0.00	75.49 1.72 0.00	78.65 1.75 0.00	72.84 1.16 0.00	60.74 0.81 0.00	47.74 0.57 0.00
ONEIDA___115KV_TB4 55905	49.07 0.74 0.00	45.79 0.79 0.00	43.31 0.84 0.00	39.37 0.71 0.00	35.04 0.73 0.00	42.47 1.03 0.00	64.99 1.60 0.00	73.61 1.26 0.00	69.84 1.16 0.00	58.82 1.09 0.00	54.07 1.28 -0.10	65.40 1.40 -2.86	68.43 1.41 0.00	54.28 1.00 0.00	111.96 2.67 0.00	89.65 2.10 0.00	91.36 2.44 0.00	99.61 2.46 0.00	85.41 2.13 0.00	75.73 1.96 0.00	78.74 1.84 0.00	73.15 1.46 0.00	61.08 1.14 0.00	47.95 0.78 0.00
ONONDAGA_REF_OCCRA 23987	47.41 -0.93 0.00	44.09 -0.91 0.00	41.61 -0.85 0.00	38.16 -0.81 -0.31	33.67 -0.65 0.00	40.76 -0.68 0.00	62.29 -1.11 0.00	72.50 -1.22 -1.36	67.53 -1.16 0.00	63.56 -0.87 -6.71	54.03 -0.73 -2.08	65.50 -0.91 -5.26	71.63 -1.07 -5.68	56.11 -0.81 -3.63	117.41 -1.09 -9.21	90.25 -0.94 -3.63	96.62 -0.87 -8.56	101.16 -0.80 -4.81	83.76 -0.54 -1.01	76.15 -0.54 -2.92	77.43 -0.76 -1.29	71.32 -0.83 -0.46	59.23 -0.70 0.00	46.71 -0.58 -0.12
ONONDAGA___COGEN 23986	47.26 -1.07 0.00	43.96 -1.04 0.00	41.49 -0.97 0.00	37.76 -0.90 0.00	33.60 -0.72 0.00	40.68 -0.76 0.00	62.13 -1.26 0.00	70.99 -1.37 0.00	67.36 -1.32 0.00	61.25 -1.02 -4.55	53.14 -0.86 -1.32	60.07 -1.08 0.00	65.71 -1.31 0.00	52.32 -0.96 0.00	107.93 -1.36 0.00	86.99 -1.12 -0.56	92.80 -1.04 -4.92	98.92 -1.00 -2.77	83.16 -0.71 -0.58	74.76 -0.69 -1.68	76.75 -0.89 -0.74	70.97 -0.98 -0.27	59.13 -0.80 0.00	46.59 -0.66 -0.07
ONTARIO___LFGE 23819	46.78 -1.56 0.00	43.40 -1.60 0.00	40.94 -1.52 0.00	36.96 -1.48 0.21	33.17 -1.14 0.00	40.39 -1.05 0.00	61.57 -1.83 0.00	70.32 -2.04 0.00	66.81 -1.87 0.00	56.30 -1.42 0.00	51.21 -1.36 0.11	55.71 -1.73 3.70	60.89 -2.01 4.11	49.12 -1.53 2.63	100.30 -2.31 6.67	83.89 -1.97 1.70	86.98 -1.94 0.00	95.30 -1.85 0.00	81.96 -1.33 0.00	72.54 -1.23 0.00	75.36 -1.54 0.00	70.10 -1.59 0.00	58.71 -1.22 0.00	46.31 -0.87 0.00
ORANGEVILLE_WT_PWR 323706	43.32 -5.01 0.00	39.90 -5.10 0.00	37.76 -4.71 0.00	32.15 -4.43 2.08	30.80 -3.52 0.00	37.63 -3.81 0.00	56.37 -7.02 0.00	56.10 -8.67 7.58	60.39 -8.29 0.00	7.18 -6.24 44.30	31.43 -6.22 15.04	4.91 -7.17 49.06	22.47 -7.81 36.73	23.93 -6.16 23.20	39.58 -10.81 58.90	56.68 -9.66 21.21	34.54 -9.72 44.67	62.17 -9.95 25.04	70.46 -7.61 5.22	51.58 -7.00 15.19	62.51 -7.70 6.69	62.39 -6.89 2.41	54.54 -5.39 0.00	42.57 -3.96 0.65
ORANGEVILLE___ESR 323794	43.32 -5.01 0.00	39.90 -5.10 0.00	37.76 -4.71 0.00	32.15 -4.43 2.08	30.80 -3.52 0.00	37.63 -3.81 0.00	56.37 -7.02 0.00	56.10 -8.67 7.58	60.39 -8.29 0.00	7.18 -6.24 44.30	31.43 -6.22 15.04	4.91 -7.17 49.06	22.47 -7.81 36.73	23.93 -6.16 23.20	39.58 -10.81 58.90	56.68 -9.66 21.21	34.54 -9.72 44.67	62.17 -9.95 25.04	70.46 -7.61 5.22	51.58 -7.00 15.19	62.51 -7.70 6.69	62.39 -6.89 2.41	54.54 -5.39 0.00	42.57 -3.96 0.65
OSWEGATCHIE___HYD 24044	48.46 0.12 0.00	45.21 0.21 0.00	43.00 0.54 0.00	39.02 0.36 0.00	34.75 0.43 0.00	41.94 0.50 0.00	64.38 0.99 0.00	73.92 1.56 0.00	70.15 1.47 0.00	58.69 0.96 0.00	53.12 0.43 0.00	61.35 0.21 0.00	67.27 0.25 0.00	53.05 -0.23 0.00	109.60 0.32 0.00	87.39 -0.17 0.00	89.30 0.38 0.00	96.68 -0.47 0.00	82.75 -0.54 0.00	74.26 0.49 0.00	77.97 1.07 0.00	72.62 0.94 0.00	60.52 0.59 0.00	47.65 0.48 0.00
OSWEGO___5 23606	46.54 -1.79 0.00	43.32 -1.68 0.00	40.89 -1.58 0.00	37.21 -1.45 0.00	33.08 -1.24 0.00	40.00 -1.44 0.00	61.05 -2.34 0.00	69.75 -2.60 0.00	66.21 -2.47 0.00	55.69 -2.03 0.00	50.86 -1.83 0.00	58.96 -2.19 0.00	64.58 -2.44 0.00	51.42 -1.86 0.00	106.07 -3.22 0.00	84.95 -2.61 0.00	86.31 -2.61 0.00	94.38 -2.78 0.00	81.00 -2.28 0.00	71.73 -2.04 0.00	74.67 -2.24 0.00	69.53 -2.15 0.00	58.16 -1.77 0.00	45.80 -1.37 0.00
OSWEGO___6 23613	46.54 -1.79 0.00	43.32 -1.68 0.00	40.89 -1.58 0.00	37.21 -1.45 0.00	33.08 -1.24 0.00	40.00 -1.44 0.00	61.05 -2.34 0.00	69.75 -2.60 0.00	66.21 -2.47 0.00	55.69 -2.03 0.00	50.86 -1.83 0.00	58.96 -2.19 0.00	64.58 -2.44 0.00	51.42 -1.86 0.00	106.07 -3.22 0.00	84.95 -2.61 0.00	86.31 -2.61 0.00	94.38 -2.78 0.00	81.00 -2.28 0.00	71.73 -2.04 0.00	74.67 -2.24 0.00	69.53 -2.15 0.00	58.16 -1.77 0.00	45.80 -1.37 0.00

OUTOKUMPU-AB___DRP 24206	44.12 -4.22 0.00	40.68 -4.32 0.00	38.38 -4.08 0.00	33.54 -3.99 1.13	31.03 -3.29 0.00	38.13 -3.31 0.00	57.20 -6.19 0.00	60.54 -7.38 4.44	61.86 -6.82 0.00	26.70 -4.75 26.28	39.52 -5.05 8.12	31.70 -5.84 23.61	39.01 -6.22 21.79	34.29 -5.13 13.87	63.86 -10.26 35.17	66.45 -8.78 12.33	54.34 -8.71 25.87	73.34 -9.35 14.47	73.10 -7.18 3.00	58.69 -6.33 8.74	66.16 -6.89 3.85	64.10 -6.19 1.39	55.51 -4.42 0.00	43.83 -2.97 0.37
OXBOW___BTM 323836	43.63 -4.70 0.00	40.24 -4.76 0.00	37.96 -4.50 0.00	33.16 -4.39 1.11	30.69 -3.63 0.00	37.70 -3.74 0.00	56.54 -6.86 0.00	59.71 -8.30 4.34	61.03 -7.65 0.00	26.34 -5.66 25.73	38.96 -5.79 7.94	31.30 -6.81 23.04	38.43 -7.24 21.34	33.78 -5.92 13.58	62.91 -11.93 34.44	65.51 -9.98 12.07	53.58 -10.02 25.33	72.29 -10.70 14.16	71.99 -8.35 2.94	57.84 -7.38 8.56	65.20 -7.93 3.77	63.20 -7.12 1.36	54.81 -5.12 0.00	43.36 -3.45 0.36
OXBOW___ 24026	43.63 -4.70 0.00	40.23 -4.77 0.00	37.96 -4.50 0.00	33.16 -4.39 1.11	30.69 -3.62 0.00	37.70 -3.74 0.00	56.54 -6.85 0.00	59.75 -8.26 4.34	61.04 -7.64 0.00	26.51 -5.49 25.73	39.01 -5.74 7.94	31.43 -6.68 23.04	38.55 -7.12 21.34	33.87 -5.83 13.58	62.99 -11.85 34.44	65.52 -9.96 12.07	53.66 -9.94 25.33	72.28 -10.71 14.16	72.02 -8.33 2.94	57.86 -7.35 8.56	65.19 -7.94 3.77	63.20 -7.13 1.36	54.82 -5.11 0.00	43.37 -3.44 0.36
OXY_CHEM_DSASP 323612	43.27 -5.07 0.00	39.90 -5.10 0.00	37.67 -4.80 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.12 -8.99 4.25	60.35 -8.33 0.00	26.45 -6.12 25.16	38.60 -6.33 7.76	31.28 -7.40 22.47	38.21 -7.93 20.88	33.55 -6.44 13.28	62.29 -13.30 33.70	64.71 -11.04 11.80	53.11 -11.04 24.78	71.38 -11.92 13.85	71.05 -9.36 2.87	57.17 -8.23 8.36	64.38 -8.84 3.69	62.43 -7.93 1.33	54.26 -5.67 0.00	43.03 -3.79 0.36
OZONE_PARK_ESR 323760	51.16 2.82 0.00	47.51 2.52 0.00	44.72 2.25 0.00	40.72 2.07 0.00	36.14 1.82 0.00	43.65 2.21 0.00	66.98 3.58 0.00	76.56 4.20 0.00	72.36 3.68 0.00	60.88 3.15 0.00	56.03 3.34 0.00	65.35 4.20 0.00	71.71 4.70 0.00	57.79 3.82 -0.68	115.85 6.57 0.00	92.63 5.08 0.00	94.07 5.14 0.00	103.07 5.92 0.00	88.22 4.93 0.00	77.86 4.09 0.00	80.43 3.53 0.00	74.74 3.06 0.00	62.48 2.55 0.00	49.02 1.85 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.27 -5.07 0.00	39.90 -5.10 0.00	37.67 -4.80 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.12 -8.99 4.25	60.35 -8.33 0.00	26.45 -6.12 25.16	38.60 -6.33 7.76	31.28 -7.40 22.47	38.21 -7.93 20.88	33.55 -6.44 13.28	62.29 -13.30 33.70	64.71 -11.04 11.80	53.11 -11.04 24.78	71.38 -11.92 13.85	71.05 -9.36 2.87	57.17 -8.23 8.36	64.38 -8.84 3.69	62.43 -7.93 1.33	54.26 -5.67 0.00	43.03 -3.79 0.36
PACKARD___115KV_DUPONT_184 80571	43.27 -5.07 0.00	39.91 -5.09 0.00	37.67 -4.80 0.00	32.91 -4.66 1.08	30.44 -3.87 0.00	37.39 -4.05 0.00	55.99 -7.41 0.00	59.07 -9.04 4.25	60.33 -8.36 0.00	26.26 -6.31 25.16	38.56 -6.37 7.76	31.14 -7.54 22.47	38.10 -8.04 20.88	33.46 -6.54 13.28	62.23 -13.36 33.70	64.72 -11.03 11.80	53.02 -11.13 24.78	71.36 -11.94 13.85	71.04 -9.38 2.87	57.14 -8.26 8.36	64.38 -8.83 3.69	62.41 -7.95 1.33	54.25 -5.69 0.00	43.02 -3.80 0.36
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.71 2.37 0.00	47.14 2.14 0.00	44.35 1.88 0.00	40.48 1.83 0.00	35.91 1.59 0.00	43.27 1.83 0.00	66.42 3.03 0.00	75.96 3.60 0.00	71.83 3.15 0.00	60.32 2.60 0.00	55.51 2.83 0.00	64.68 3.53 0.00	71.02 4.00 0.00	57.23 3.27 -0.67	114.61 5.32 0.00	91.55 3.99 0.00	92.99 4.06 0.00	101.89 4.74 0.00	87.16 3.87 0.00	76.92 3.15 0.00	79.53 2.63 0.00	73.91 2.22 0.00	61.78 1.85 0.00	48.51 1.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.61 3.27 0.00	47.99 2.99 0.00	45.15 2.69 0.00	41.23 2.58 0.00	36.56 2.24 0.00	44.08 2.64 0.00	67.84 4.44 0.00	77.55 5.19 0.00	73.28 4.60 0.00	61.51 3.78 0.00	56.57 3.88 0.00	65.94 4.79 0.00	72.39 5.38 0.00	58.23 4.27 -0.67	116.70 7.42 0.00	93.18 5.62 0.00	94.66 5.73 0.00	103.73 6.58 0.00	88.75 5.46 0.00	78.29 4.53 0.00	80.99 4.09 0.00	75.23 3.55 0.00	62.88 2.95 0.00	49.34 2.17 0.00
PATROON___115KV_TB1 80586	49.49 1.15 0.00	46.17 1.17 0.00	43.59 1.13 0.00	39.81 1.15 0.00	35.26 0.94 0.00	42.47 1.03 0.00	64.19 0.79 0.00	73.54 1.18 0.00	69.68 1.00 0.00	58.47 0.75 0.00	53.30 0.62 0.00	62.04 0.89 0.00	67.96 0.94 0.00	54.15 0.87 0.00	110.27 0.99 0.00	88.27 0.72 0.00	89.57 0.64 0.00	97.89 0.73 0.00	83.77 0.48 0.00	74.17 0.40 0.00	77.33 0.43 0.00	72.09 0.41 0.00	60.16 0.22 0.00	47.35 0.18 0.00
PATTRSNVILLE___SOLAR 323815	49.31 0.98 0.00	45.95 0.96 0.00	43.35 0.89 0.00	39.47 0.82 0.00	35.02 0.70 0.00	42.33 0.90 0.00	64.76 1.37 0.00	74.10 1.74 0.00	70.22 1.53 0.00	58.82 1.10 0.00	53.67 0.99 0.00	62.12 0.97 0.00	68.08 1.06 0.00	54.20 0.92 0.00	110.93 1.64 0.00	88.94 1.38 0.00	90.68 1.75 0.00	99.40 2.25 0.00	85.16 1.88 0.00	75.46 1.69 0.00	78.63 1.73 0.00	73.20 1.52 0.00	61.13 1.20 0.00	48.05 0.88 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.46 -3.88 0.00	40.97 -4.03 0.00	38.71 -3.76 0.00	33.74 -3.64 1.28	31.33 -2.99 0.00	38.42 -3.02 0.00	57.82 -5.57 0.00	60.71 -6.56 5.08	62.57 -6.11 0.00	23.17 -4.12 30.43	39.06 -4.33 9.30	29.25 -4.98 26.92	36.54 -5.34 25.13	32.86 -4.44 15.98	59.94 -8.82 40.53	65.63 -7.76 14.16	51.60 -7.64 29.69	72.37 -8.17 16.61	73.63 -6.20 3.45	58.23 -5.48 10.05	66.45 -6.02 4.43	64.61 -5.48 1.59	55.91 -4.02 0.00	43.96 -2.78 0.43
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.80 2.47 0.00	47.24 2.25 0.00	44.47 2.01 0.00	40.50 1.84 0.00	35.93 1.61 0.00	43.40 1.96 0.00	66.56 3.16 0.00	76.04 3.68 0.00	71.94 3.26 0.00	60.50 2.78 0.00	55.58 2.89 0.00	64.78 3.64 0.00	70.95 3.93 0.00	56.51 3.23 0.00	114.87 5.59 0.00	91.93 4.37 0.00	93.42 4.49 0.00	102.46 5.31 0.00	87.77 4.49 0.00	77.53 3.76 0.00	80.28 3.39 0.00	74.63 2.95 0.00	62.33 2.40 0.00	48.89 1.71 0.00
PEEKSKILL___ 23653	50.32 1.98 0.00	46.80 1.81 0.00	44.06 1.60 0.00	40.12 1.47 0.00	35.57 1.25 0.00	42.97 1.53 0.00	65.92 2.52 0.00	75.24 2.88 0.00	71.13 2.44 0.00	59.83 2.11 0.00	54.97 2.29 0.00	64.06 2.92 0.00	70.27 3.25 0.00	55.93 2.65 0.00	113.64 4.35 0.00	90.89 3.33 0.00	92.36 3.43 0.00	101.22 4.07 0.00	86.65 3.36 0.00	76.59 2.83 0.00	79.29 2.39 0.00	73.74 2.06 0.00	61.67 1.74 0.00	48.37 1.20 0.00
PGE MADISON___WINDPWR 24146	49.56 1.23 0.00	46.01 1.01 0.00	43.41 0.95 0.00	40.66 0.58 -1.42	34.96 0.63 0.00	42.65 1.21 0.00	65.59 2.19 0.00	86.45 3.27 -10.83	71.67 2.98 0.00	102.47 2.42 -42.32	68.06 2.51 -12.87	88.93 2.39 -25.39	95.49 2.06 -26.42	71.45 1.30 -16.86	155.37 3.32 -42.76	106.95 3.18 -16.22	129.44 3.81 -36.70	123.09 5.30 -20.63	92.40 4.80 -4.31	89.87 3.56 -12.54	85.70 3.28 -5.53	75.83 2.15 -1.99	61.30 1.37 0.00	49.01 1.30 -0.54

PIERCEFIELD___HYD 23852	49.59 1.26 0.00	46.10 1.10 0.00	43.61 1.14 0.00	39.61 0.96 0.00	35.28 0.96 0.00	42.62 1.18 0.00	65.56 2.17 0.00	74.88 2.53 0.00	71.14 2.46 0.00	59.57 1.85 0.00	54.08 1.39 0.00	62.45 1.30 0.00	68.54 1.52 0.00	54.35 1.07 0.00	111.70 2.41 0.00	89.33 1.78 0.00	90.22 1.30 0.00	97.79 0.64 0.00	83.87 0.58 0.00	74.91 1.14 0.00	79.00 2.10 0.00	74.06 2.37 0.00	61.81 1.88 0.00	48.70 1.52 0.00
PINELAWN_CC_1 323563	50.99 2.66 0.00	47.33 2.33 0.00	44.43 1.97 0.00	40.51 1.85 0.00	35.83 1.52 0.00	43.21 1.78 0.00	67.70 2.69 -1.61	77.48 3.09 -2.03	73.62 3.02 -1.91	61.66 2.44 -1.49	55.50 2.75 -0.07	65.40 3.88 -0.37	72.91 4.25 -1.64	57.36 3.44 -0.64	115.69 4.67 -1.74	92.87 3.97 -1.36	95.68 4.23 -2.52	105.36 5.36 -2.85	91.44 4.43 -3.72	79.36 3.57 -2.01	82.13 2.99 -2.24	76.36 2.49 -2.19	63.80 2.36 -1.51	48.75 1.58 0.00
PJM_GEN_HTTP_PROXY 323702	50.74 2.41 0.00	47.15 2.15 0.00	44.38 1.92 0.00	40.43 1.77 0.00	35.86 1.55 0.00	38.03 1.87 5.28	66.38 2.99 0.00	75.84 3.49 0.00	71.67 2.99 0.00	60.34 2.61 0.00	55.45 2.76 0.00	64.71 3.56 0.00	70.98 3.96 0.00	57.49 3.26 -0.95	114.28 5.42 0.43	91.48 4.15 0.22	93.08 4.15 0.00	101.93 4.78 0.00	100.36 3.94 -13.13	76.99 3.22 0.00	79.57 2.67 0.00	73.96 2.28 0.00	61.85 1.92 0.00	48.56 1.38 0.00
PJM_GEN_KEystone 24065	47.06 -1.27 0.00	43.61 -1.38 0.00	41.15 -1.32 0.00	36.64 -1.28 0.74	33.27 -1.05 0.00	35.16 -1.00 5.28	61.52 -1.88 0.00	66.80 -2.44 3.11	66.23 -2.45 0.00	36.83 -1.76 19.13	45.64 -1.51 5.53	44.48 -1.63 15.04	49.65 -1.72 15.65	42.94 -1.39 8.96	80.05 -3.51 25.73	75.33 -3.26 8.96	67.15 -3.40 18.38	83.44 -3.42 10.29	91.78 -2.49 -10.98	65.22 -2.30 6.24	71.35 -2.80 2.75	68.17 -2.53 0.99	58.13 -1.80 0.00	45.32 -1.56 0.29
PJM_GEN_NEPTUNE_PROXY 323594	50.54 2.20 0.00	46.95 1.95 0.00	44.08 1.62 0.00	40.18 1.53 0.00	35.56 1.24 0.00	37.58 1.43 5.28	65.53 2.13 0.00	74.81 2.45 0.00	70.99 2.30 0.00	59.60 1.88 0.00	54.98 2.30 0.00	64.34 3.19 0.00	71.35 3.47 -0.85	57.63 2.87 -1.47	112.56 3.71 0.43	90.41 3.08 0.22	92.17 3.25 0.00	101.33 4.16 -0.02	100.93 3.41 -14.23	76.50 2.72 -0.01	79.08 2.18 0.00	73.50 1.81 0.00	61.65 1.72 0.00	48.33 1.16 0.00
PJM_GEN_VFT_PROXY 323633	50.59 2.26 0.00	47.01 2.01 0.00	44.24 1.77 0.00	40.31 1.66 0.00	35.76 1.45 0.00	37.90 1.74 5.28	66.23 2.84 0.00	75.65 3.30 0.00	71.47 2.79 0.00	60.17 2.45 0.00	55.36 2.68 0.00	64.56 3.42 0.00	70.83 3.81 0.00	58.09 3.14 -1.67	114.14 5.28 0.43	91.37 4.04 0.22	93.00 4.08 0.00	101.84 4.68 0.00	100.28 3.86 -13.13	76.91 3.14 0.00	61.76 2.45 17.59	53.45 2.08 20.31	41.82 1.76 19.86	41.07 1.25 7.35
PLATSBURG_115KV_PMLD1 355749	49.35 1.02 0.00	45.88 0.89 0.00	43.36 0.90 0.00	39.45 0.80 0.00	35.09 0.78 0.00	42.46 1.02 0.00	65.28 1.88 0.00	74.44 2.09 0.00	70.70 2.02 0.00	59.20 1.48 0.00	53.74 1.05 0.00	62.09 0.94 0.00	68.06 1.05 0.00	53.96 0.68 0.00	110.83 1.55 0.00	89.04 1.49 0.00	90.68 1.75 0.00	98.73 1.58 0.00	84.76 1.47 0.00	75.18 1.41 0.00	78.63 1.74 0.00	73.35 1.66 0.00	61.23 1.30 0.00	48.26 1.09 0.00
PLEASANTVLY___LBMP 24000	50.10 1.76 0.00	46.63 1.63 0.00	43.91 1.45 0.00	40.00 1.34 0.00	35.47 1.15 0.00	42.79 1.35 0.00	65.52 2.13 0.00	74.83 2.48 0.00	70.81 2.13 0.00	59.55 1.83 0.00	54.69 2.01 0.00	63.75 2.60 0.00	69.85 2.83 0.00	55.62 2.34 0.00	113.02 3.73 0.00	90.41 2.86 0.00	91.80 2.88 0.00	100.57 3.41 0.00	86.11 2.83 0.00	76.10 2.33 0.00	78.87 1.97 0.00	73.38 1.70 0.00	61.36 1.43 0.00	48.16 0.98 0.00
PLSNTVLE_13_KV_13KVDIST 80602	50.52 2.18 0.00	46.98 1.98 0.00	44.22 1.75 0.00	40.28 1.62 0.00	35.73 1.41 0.00	43.14 1.70 0.00	66.11 2.72 0.00	75.53 3.18 0.00	71.47 2.78 0.00	60.10 2.37 0.00	55.22 2.54 0.00	64.39 3.25 0.00	70.56 3.55 0.00	56.19 2.91 0.00	114.11 4.82 0.00	91.29 3.74 0.00	92.71 3.78 0.00	101.62 4.46 0.00	86.99 3.70 0.00	76.84 3.08 0.00	79.55 2.66 0.00	73.96 2.27 0.00	61.83 1.90 0.00	48.52 1.34 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.52 2.18 0.00	46.98 1.98 0.00	44.22 1.75 0.00	40.28 1.62 0.00	35.73 1.41 0.00	43.14 1.70 0.00	66.11 2.72 0.00	75.53 3.18 0.00	71.47 2.78 0.00	60.10 2.37 0.00	55.22 2.54 0.00	64.39 3.25 0.00	70.56 3.55 0.00	56.19 2.91 0.00	114.11 4.82 0.00	91.29 3.74 0.00	92.71 3.78 0.00	101.62 4.46 0.00	86.99 3.70 0.00	76.84 3.08 0.00	79.55 2.66 0.00	73.96 2.27 0.00	61.83 1.90 0.00	48.52 1.34 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.49 2.15 0.00	46.98 1.98 0.00	44.25 1.78 0.00	40.29 1.63 0.00	35.73 1.41 0.00	43.14 1.70 0.00	66.12 2.73 0.00	75.54 3.18 0.00	71.48 2.80 0.00	60.13 2.40 0.00	55.19 2.51 0.00	64.31 3.16 0.00	70.47 3.45 0.00	56.13 2.85 0.00	114.10 4.81 0.00	91.29 3.74 0.00	92.77 3.84 0.00	101.71 4.55 0.00	87.11 3.82 0.00	76.98 3.22 0.00	79.78 2.88 0.00	74.18 2.50 0.00	61.98 2.05 0.00	48.63 1.45 0.00
POLETTI____ 23519	50.16 1.83 0.00	46.64 1.64 0.00	43.88 1.42 0.00	40.08 1.43 0.00	35.63 1.31 0.00	42.75 1.31 0.00	65.60 2.21 0.00	75.07 2.71 0.00	71.04 2.36 0.00	59.76 2.04 0.00	55.01 2.32 0.00	64.10 2.95 0.00	70.21 3.20 0.00	56.58 2.62 -0.67	113.44 4.15 0.00	90.80 3.25 0.00	92.23 3.30 0.00	101.07 3.92 0.00	86.44 3.15 0.00	76.28 2.51 0.00	78.86 1.97 0.00	73.28 1.59 0.00	61.26 1.32 0.00	48.10 0.92 0.00
POMONA___ESR 323819	50.44 2.10 0.00	46.99 1.99 0.00	44.23 1.76 0.00	40.29 1.63 0.00	35.71 1.40 0.00	43.14 1.70 0.00	66.23 2.83 0.00	75.58 3.22 0.00	71.47 2.79 0.00	60.07 2.35 0.00	55.03 2.34 0.00	64.08 2.93 0.00	70.34 3.33 0.00	56.00 2.72 0.00	113.82 4.53 0.00	90.99 3.44 0.00	92.49 3.56 0.00	101.35 4.20 0.00	86.78 3.49 0.00	76.69 2.93 0.00	79.42 2.52 0.00	73.89 2.20 0.00	61.77 1.84 0.00	48.44 1.27 0.00
PORT_JEFF_3 23555	50.74 2.40 0.00	47.05 2.06 0.00	44.15 1.68 0.00	40.26 1.60 0.00	35.59 1.27 0.00	42.84 1.40 0.00	74.57 1.89 -9.28	86.04 1.97 -11.71	81.69 1.97 -11.04	67.97 1.64 -8.61	55.19 2.11 -0.40	66.48 3.24 -2.09	75.14 3.73 -4.40	57.17 3.13 -0.76	122.73 3.40 -10.04	98.27 2.89 -7.83	106.61 3.12 -14.56	117.70 4.21 -16.34	101.67 3.45 -14.92	88.02 2.68 -11.57	91.86 2.03 -12.93	85.91 1.59 -12.63	70.38 1.74 -8.70	48.45 1.27 0.00
PORT_JEFF_4 23616	50.74 2.40 0.00	47.05 2.06 0.00	44.15 1.68 0.00	40.26 1.60 0.00	35.59 1.27 0.00	42.84 1.40 0.00	74.57 1.89 -9.28	86.04 1.97 -11.71	81.69 1.97 -11.04	67.97 1.64 -8.61	55.19 2.11 -0.40	66.48 3.24 -2.09	75.14 3.73 -4.40	57.17 3.13 -0.76	122.73 3.40 -10.04	98.27 2.89 -7.83	106.61 3.12 -14.56	117.70 4.21 -16.34	101.67 3.45 -14.92	88.02 2.68 -11.57	91.86 2.03 -12.93	85.91 1.59 -12.63	70.38 1.74 -8.70	48.45 1.27 0.00

PORT_JEFF_IC 23713	50.81 2.48 0.00	47.12 2.12 0.00	44.20 1.74 0.00	40.31 1.65 0.00	35.64 1.32 0.00	42.91 1.47 0.00	73.06 2.04 -7.62	84.16 2.17 -9.63	79.91 2.16 -9.07	66.57 1.77 -7.07	55.21 2.20 -0.33	66.15 3.28 -1.72	74.59 3.79 -3.78	57.20 3.19 -0.72	121.07 3.53 -8.25	97.07 3.09 -6.43	104.26 3.38 -11.96	115.15 4.57 -13.43	99.52 3.75 -12.48	86.21 2.94 -9.51	89.81 2.29 -10.62	83.86 1.80 -10.38	68.95 1.87 -7.15	48.53 1.35 0.00
PPL PILGRIM_ST_GT1 24216	51.33 2.99 0.00	47.61 2.62 0.00	44.68 2.22 0.00	40.75 2.09 0.00	36.04 1.72 0.00	43.43 1.99 0.00	74.51 3.00 -8.11	85.91 3.31 -10.25	81.74 3.41 -9.65	68.09 2.84 -7.53	56.06 3.02 -0.35	67.26 4.29 -1.83	75.82 4.81 -3.99	57.79 3.76 -0.75	123.44 5.38 -8.78	98.87 4.47 -6.84	106.39 4.73 -12.73	117.36 5.92 -14.29	101.40 4.88 -13.24	87.86 3.97 -10.12	91.56 3.36 -11.31	85.52 2.80 -11.04	70.30 2.77 -7.61	49.02 1.84 0.00
PPL PILGRIM_ST_GT2 24217	51.33 2.99 0.00	47.61 2.62 0.00	44.68 2.22 0.00	40.75 2.09 0.00	36.04 1.72 0.00	43.43 1.99 0.00	74.51 3.00 -8.11	85.91 3.31 -10.25	81.74 3.41 -9.65	68.09 2.84 -7.53	56.06 3.02 -0.35	67.26 4.29 -1.83	75.82 4.81 -3.99	57.79 3.76 -0.75	123.44 5.38 -8.78	98.87 4.47 -6.84	106.39 4.73 -12.73	117.36 5.92 -14.29	101.40 4.88 -13.24	87.86 3.97 -10.12	91.56 3.36 -11.31	85.52 2.80 -11.04	70.30 2.77 -7.61	49.02 1.84 0.00
PPL_SHRM_GT3 24213	50.87 2.54 0.00	47.14 2.15 0.00	44.23 1.76 0.00	40.33 1.67 0.00	35.71 1.39 0.00	43.02 1.59 0.00	74.46 2.23 -8.83	85.97 2.47 -11.15	81.62 2.44 -10.50	67.97 2.05 -8.19	55.33 2.26 -0.38	66.49 3.36 -1.99	75.18 3.93 -4.23	57.29 3.26 -0.75	122.39 3.56 -9.55	98.36 3.36 -7.45	106.67 3.89 -13.85	117.85 5.14 -15.55	101.84 4.29 -14.26	88.16 3.39 -11.01	91.93 2.73 -12.30	85.85 2.15 -12.01	70.25 2.04 -8.28	48.62 1.44 0.00
PPL_SHRM_GT4 24214	50.87 2.54 0.00	47.14 2.15 0.00	44.23 1.76 0.00	40.33 1.67 0.00	35.71 1.39 0.00	43.02 1.59 0.00	74.46 2.23 -8.83	85.97 2.47 -11.15	81.62 2.44 -10.50	67.97 2.05 -8.19	55.33 2.26 -0.38	66.49 3.36 -1.99	75.18 3.93 -4.23	57.29 3.26 -0.75	122.39 3.56 -9.55	98.36 3.36 -7.45	106.67 3.89 -13.85	117.85 5.14 -15.55	101.84 4.29 -14.26	88.16 3.39 -11.01	91.93 2.73 -12.30	85.85 2.15 -12.01	70.25 2.04 -8.28	48.62 1.44 0.00
PROJECT___ORANGE 1 24174	47.02 -1.32 0.00	43.72 -1.27 0.00	41.27 -1.19 0.00	37.54 -1.11 0.00	33.39 -0.92 0.00	40.42 -1.02 0.00	61.72 -1.68 0.00	70.54 -1.82 0.00	66.95 -1.73 0.00	56.38 -1.34 0.00	51.50 -1.18 0.00	59.71 -1.43 0.00	65.40 -1.61 0.00	52.05 -1.23 0.00	107.35 -1.93 0.00	85.92 -1.64 0.00	87.31 -1.61 0.00	95.51 -1.64 0.00	82.00 -1.29 0.00	72.57 -1.19 0.00	75.48 -1.42 0.00	70.25 -1.43 0.00	58.74 -1.19 0.00	46.24 -0.94 0.00
PROJECT___ORANGE 2 24166	47.02 -1.32 0.00	43.72 -1.27 0.00	41.27 -1.19 0.00	37.54 -1.11 0.00	33.39 -0.92 0.00	40.42 -1.02 0.00	61.72 -1.68 0.00	70.54 -1.82 0.00	66.95 -1.73 0.00	56.38 -1.34 0.00	51.50 -1.18 0.00	59.71 -1.43 0.00	65.40 -1.61 0.00	52.05 -1.23 0.00	107.35 -1.93 0.00	85.92 -1.64 0.00	87.31 -1.61 0.00	95.51 -1.64 0.00	82.00 -1.29 0.00	72.57 -1.19 0.00	75.48 -1.42 0.00	70.25 -1.43 0.00	58.74 -1.19 0.00	46.24 -0.94 0.00
PUCKETT___SOLAR 323809	48.09 -0.25 0.00	44.74 -0.26 0.00	42.26 -0.21 0.00	38.36 -0.29 0.00	34.10 -0.22 0.00	41.39 -0.05 0.00	63.31 -0.09 0.00	72.49 0.13 0.00	68.70 0.02 0.00	57.63 -0.09 0.00	52.68 -0.09 -0.09	61.81 -0.27 -0.55	66.49 -0.55 -0.59	52.69 -0.59 -0.55	108.73 -0.55 -0.47	87.08 -0.40 0.23	88.53 -0.40 0.63	97.38 0.23 0.63	83.91 0.63 0.32	74.09 0.32 -0.10	76.80 -0.10 -0.33	71.36 -0.33 -0.31	59.62 -0.31 -0.27	46.90 -0.27 0.00
PYRITES___HYD 24023	50.46 2.12 0.00	46.84 1.85 0.00	44.26 1.80 0.00	40.21 1.55 0.00	35.84 1.52 0.00	43.34 1.90 0.00	66.71 3.31 0.00	76.22 3.86 0.00	72.30 3.62 0.00	60.45 2.72 0.00	54.85 2.16 0.00	63.22 2.07 0.00	69.40 2.38 0.00	55.23 1.94 0.00	113.32 4.04 0.00	91.00 3.45 0.00	92.01 3.08 0.00	100.00 2.85 0.00	85.77 2.48 0.00	76.48 2.71 0.00	80.41 3.51 0.00	75.45 3.77 0.00	62.95 3.02 0.00	49.55 2.38 0.00
QUAKERRD_115KV_BK1 80622	45.03 -3.30 0.00	41.74 -3.25 0.00	39.38 -3.08 0.00	35.30 -2.95 0.41	31.88 -2.44 0.00	38.88 -2.57 0.00	59.09 -4.31 0.00	65.73 -4.94 1.69	64.14 -4.55 0.00	45.51 -3.50 8.72	46.63 -3.42 2.64	49.40 -4.11 7.64	54.89 -4.40 7.73	44.85 -3.50 4.93	89.87 -6.70 12.71	77.51 -5.51 4.53	74.24 -5.47 9.22	86.14 -5.82 5.19	77.61 -4.61 1.06	66.57 -4.10 3.10	71.04 -4.49 1.36	67.01 -4.19 0.49	56.64 -3.29 0.00	44.65 -2.39 0.13
QUENSBRY_115KV_TB8 356137	50.56 2.22 0.00	46.97 1.97 0.00	44.24 1.78 0.00	40.46 1.80 0.00	35.93 1.61 0.00	43.49 2.05 0.00	66.21 2.82 0.00	75.96 3.60 0.00	72.00 3.32 0.00	60.34 2.61 0.00	55.10 2.41 0.00	64.04 2.89 0.00	70.21 3.19 0.00	56.01 2.73 0.00	113.85 4.56 0.00	90.93 3.38 0.00	92.44 3.52 0.00	101.16 4.01 0.00	86.67 3.38 0.00	76.68 2.92 0.00	80.60 3.70 0.00	75.17 3.48 0.00	62.40 2.47 0.00	48.88 1.71 0.00
RAMAPO___LBMP 323565	50.17 1.84 0.00	46.68 1.68 0.00	43.96 1.49 0.00	40.02 1.36 0.00	35.47 1.16 0.00	42.86 1.42 0.00	65.80 2.40 0.00	75.03 2.68 0.00	70.95 2.27 0.00	59.64 1.92 0.00	54.81 2.12 0.00	63.79 2.64 0.00	70.02 3.01 0.00	55.74 2.46 0.00	113.30 4.02 0.00	90.62 3.07 0.00	92.08 3.15 0.00	100.95 3.80 0.00	86.39 3.11 0.00	76.38 2.62 0.00	79.11 2.21 0.00	73.60 1.92 0.00	61.54 1.61 0.00	48.26 1.09 0.00
RANKINE___ 23646	44.29 -4.04 0.00	40.83 -4.17 0.00	38.57 -3.89 0.00	33.60 -3.79 1.27	31.20 -3.12 0.00	38.29 -3.14 0.00	57.56 -5.84 0.00	60.42 -6.95 4.98	62.24 -6.44 0.00	23.55 -4.51 29.67	38.78 -4.73 9.17	28.81 -5.45 26.89	36.63 -5.84 24.55	32.87 -4.79 15.62	60.17 -9.50 39.61	65.46 -8.20 13.89	51.67 -8.12 29.14	72.27 -8.59 16.30	73.42 -6.48 3.39	58.13 -5.77 9.86	66.24 -6.32 4.34	64.49 -5.64 1.56	55.80 -4.13 0.00	43.87 -2.88 0.42
RAVENSWOOD_GT2_1 24244	50.76 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.73 3.04 0.00	60.37 2.64 0.00	55.55 2.86 0.00	64.78 3.63 0.00	71.06 4.04 0.00	57.30 3.34 -0.67	114.82 5.53 0.00	91.80 4.25 0.00	93.19 4.26 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.66 2.76 0.00	74.05 2.36 0.00	61.92 1.99 0.00	48.62 1.44 0.00
RAVENSWOOD_GT2_2 24245	50.76 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.73 3.04 0.00	60.37 2.64 0.00	55.55 2.86 0.00	64.78 3.63 0.00	71.06 4.04 0.00	57.30 3.34 -0.67	114.82 5.53 0.00	91.80 4.25 0.00	93.19 4.26 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.66 2.76 0.00	74.05 2.36 0.00	61.92 1.99 0.00	48.62 1.44 0.00

RAVENSWOOD_GT2_3 24246	50.78 2.45 0.00	47.19 2.19 0.00	44.40 1.94 0.00	40.46 1.80 0.00	35.90 1.58 0.00	43.34 1.90 0.00	66.44 3.04 0.00	75.91 3.56 0.00	71.76 3.08 0.00	60.39 2.66 0.00	55.58 2.89 0.00	64.80 3.66 0.00	71.10 4.08 0.00	57.31 3.35 -0.67	114.89 5.60 0.00	91.85 4.30 0.00	93.23 4.31 0.00	102.13 4.98 0.00	87.40 4.11 0.00	77.12 3.36 0.00	79.71 2.81 0.00	74.09 2.41 0.00	61.95 2.02 0.00	48.64 1.47 0.00
RAVENSWOOD_GT2_4 24247	50.78 2.45 0.00	47.19 2.19 0.00	44.40 1.94 0.00	40.46 1.80 0.00	35.90 1.58 0.00	43.34 1.90 0.00	66.44 3.04 0.00	75.91 3.56 0.00	71.76 3.08 0.00	60.39 2.66 0.00	55.58 2.89 0.00	64.80 3.66 0.00	71.10 4.08 0.00	57.31 3.35 -0.67	114.89 5.60 0.00	91.85 4.30 0.00	93.23 4.31 0.00	102.13 4.98 0.00	87.40 4.11 0.00	77.12 3.36 0.00	79.71 2.81 0.00	74.09 2.41 0.00	61.95 2.02 0.00	48.64 1.47 0.00
RAVENSWOOD_GT3_1 24248	50.76 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.74 3.05 0.00	60.37 2.64 0.00	55.55 2.86 0.00	64.78 3.63 0.00	71.06 4.04 0.00	57.30 3.34 -0.67	114.83 5.55 0.00	91.80 4.25 0.00	93.19 4.26 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.66 2.76 0.00	74.05 2.36 0.00	61.92 1.99 0.00	48.62 1.45 0.00
RAVENSWOOD_GT3_2 24249	50.76 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.74 3.05 0.00	60.37 2.64 0.00	55.55 2.86 0.00	64.78 3.63 0.00	71.06 4.04 0.00	57.30 3.34 -0.67	114.83 5.55 0.00	91.80 4.25 0.00	93.19 4.26 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.66 2.76 0.00	74.05 2.36 0.00	61.92 1.99 0.00	48.62 1.45 0.00
RAVENSWOOD_GT3_3 24250	50.83 2.49 0.00	47.23 2.24 0.00	44.44 1.98 0.00	40.49 1.84 0.00	35.93 1.61 0.00	43.38 1.94 0.00	66.49 3.10 0.00	75.99 3.64 0.00	71.84 3.16 0.00	60.45 2.73 0.00	55.63 2.95 0.00	64.88 3.73 0.00	71.18 4.16 0.00	57.39 3.43 -0.67	115.00 5.71 0.00	91.94 4.38 0.00	93.33 4.40 0.00	102.23 5.07 0.00	87.50 4.21 0.00	77.23 3.46 0.00	79.79 2.89 0.00	74.17 2.49 0.00	62.01 2.08 0.00	48.69 1.51 0.00
RAVENSWOOD_GT3_4 24251	50.83 2.49 0.00	47.23 2.24 0.00	44.44 1.98 0.00	40.49 1.84 0.00	35.93 1.61 0.00	43.38 1.94 0.00	66.49 3.10 0.00	75.99 3.64 0.00	71.84 3.16 0.00	60.45 2.73 0.00	55.63 2.95 0.00	64.88 3.73 0.00	71.18 4.16 0.00	57.39 3.43 -0.67	115.00 5.71 0.00	91.94 4.38 0.00	93.33 4.40 0.00	102.23 5.07 0.00	87.50 4.21 0.00	77.23 3.46 0.00	79.79 2.89 0.00	74.17 2.49 0.00	62.01 2.08 0.00	48.69 1.51 0.00
RAVENSWOOD_GT_1 23729	50.88 2.55 0.00	47.29 2.29 0.00	44.48 2.01 0.00	40.55 1.89 0.00	35.98 1.66 0.00	43.41 1.97 0.00	66.48 3.08 0.00	76.01 3.66 0.00	71.86 3.18 0.00	60.49 2.76 0.00	55.69 3.01 0.00	64.87 3.72 0.00	71.18 4.17 0.00	57.47 3.51 -0.67	115.02 5.73 0.00	91.93 4.38 0.00	93.29 4.36 0.00	102.18 5.03 0.00	87.40 4.11 0.00	77.11 3.34 0.00	79.64 2.74 0.00	74.03 2.35 0.00	61.91 1.98 0.00	48.65 1.48 0.00
RAVENSWOOD_GT_10 24258	50.76 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.79 0.00	35.89 1.57 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.73 3.04 0.00	60.36 2.64 0.00	55.55 2.86 0.00	64.78 3.63 0.00	71.06 4.04 0.00	57.30 3.34 -0.67	114.82 5.54 0.00	91.80 4.25 0.00	93.19 4.26 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.67 2.77 0.00	74.05 2.37 0.00	61.93 2.00 0.00	48.62 1.45 0.00
RAVENSWOOD_GT_11 24259	50.76 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.79 0.00	35.89 1.57 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.73 3.04 0.00	60.36 2.64 0.00	55.55 2.86 0.00	64.78 3.63 0.00	71.06 4.04 0.00	57.30 3.34 -0.67	114.82 5.54 0.00	91.80 4.25 0.00	93.19 4.26 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.67 2.77 0.00	74.05 2.37 0.00	61.93 2.00 0.00	48.62 1.45 0.00
RAVENSWOOD_GT_4 24252	50.78 2.44 0.00	47.19 2.19 0.00	44.39 1.93 0.00	40.46 1.80 0.00	35.89 1.58 0.00	43.33 1.89 0.00	66.42 3.02 0.00	75.91 3.55 0.00	71.76 3.08 0.00	60.39 2.67 0.00	55.57 2.89 0.00	64.78 3.64 0.00	71.09 4.07 0.00	57.32 3.36 -0.67	114.84 5.56 0.00	91.81 4.26 0.00	93.20 4.27 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.09 3.33 0.00	79.65 2.75 0.00	74.04 2.36 0.00	61.90 1.97 0.00	48.62 1.44 0.00
RAVENSWOOD_GT_5 24254	50.78 2.44 0.00	47.19 2.19 0.00	44.39 1.93 0.00	40.46 1.80 0.00	35.89 1.58 0.00	43.33 1.89 0.00	66.42 3.02 0.00	75.91 3.55 0.00	71.76 3.08 0.00	60.39 2.67 0.00	55.57 2.89 0.00	64.78 3.64 0.00	71.09 4.07 0.00	57.32 3.36 -0.67	114.84 5.56 0.00	91.81 4.26 0.00	93.20 4.27 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.09 3.33 0.00	79.65 2.75 0.00	74.04 2.36 0.00	61.90 1.97 0.00	48.62 1.44 0.00
RAVENSWOOD_GT_6 24253	50.78 2.44 0.00	47.19 2.19 0.00	44.39 1.93 0.00	40.46 1.80 0.00	35.89 1.58 0.00	43.33 1.89 0.00	66.42 3.02 0.00	75.91 3.55 0.00	71.76 3.08 0.00	60.39 2.67 0.00	55.57 2.89 0.00	64.78 3.64 0.00	71.09 4.07 0.00	57.32 3.36 -0.67	114.84 5.56 0.00	91.81 4.26 0.00	93.20 4.27 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.09 3.33 0.00	79.65 2.75 0.00	74.04 2.36 0.00	61.90 1.97 0.00	48.62 1.44 0.00
RAVENSWOOD_GT_7 24255	50.78 2.44 0.00	47.19 2.19 0.00	44.39 1.93 0.00	40.46 1.80 0.00	35.89 1.58 0.00	43.33 1.89 0.00	66.42 3.02 0.00	75.91 3.55 0.00	71.76 3.08 0.00	60.39 2.67 0.00	55.57 2.89 0.00	64.78 3.64 0.00	71.09 4.07 0.00	57.32 3.36 -0.67	114.84 5.56 0.00	91.81 4.26 0.00	93.20 4.27 0.00	102.12 4.97 0.00	87.36 4.08 0.00	77.09 3.33 0.00	79.65 2.75 0.00	74.04 2.36 0.00	61.90 1.97 0.00	48.62 1.44 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.76 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.79 0.00	35.89 1.57 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.73 3.04 0.00	60.36 2.64 0.00	55.55 2.86 0.00	64.78 3.63 0.00	71.06 4.04 0.00	57.30 3.34 -0.67	114.82 5.54 0.00	91.80 4.25 0.00	93.19 4.26 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.67 2.77 0.00	74.05 2.37 0.00	61.93 2.00 0.00	48.62 1.45 0.00
RAVENSWOOD_GT_9 24257	50.76 2.43 0.00	47.17 2.18 0.00	44.39 1.93 0.00	40.45 1.79 0.00	35.89 1.57 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.73 3.04 0.00	60.36 2.64 0.00	55.55 2.86 0.00	64.78 3.63 0.00	71.06 4.04 0.00	57.30 3.34 -0.67	114.82 5.54 0.00	91.80 4.25 0.00	93.19 4.26 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.67 2.77 0.00	74.05 2.37 0.00	61.93 2.00 0.00	48.62 1.45 0.00

RAVENSWOOD___1 23533	50.88 2.54 0.00	47.29 2.29 0.00	44.48 2.01 0.00	40.55 1.89 0.00	35.98 1.66 0.00	43.41 1.97 0.00	66.48 3.08 0.00	76.03 3.67 0.00	71.86 3.18 0.00	60.52 2.80 0.00	55.70 3.01 0.00	64.89 3.74 0.00	71.20 4.18 0.00	57.49 3.53 -0.68	115.05 5.76 0.00	91.90 4.35 0.00	93.30 4.37 0.00	102.18 5.03 0.00	87.40 4.11 0.00	77.10 3.33 0.00	79.63 2.73 0.00	74.01 2.32 0.00	61.89 1.96 0.00	48.64 1.46 0.00
RAVENSWOOD___2 23534	50.81 2.47 0.00	47.21 2.21 0.00	44.43 1.97 0.00	40.50 1.84 0.00	35.93 1.61 0.00	43.35 1.91 0.00	66.47 3.07 0.00	75.97 3.62 0.00	71.83 3.15 0.00	60.47 2.75 0.00	55.64 2.96 0.00	64.84 3.69 0.00	71.15 4.13 0.00	57.42 3.46 -0.68	114.93 5.64 0.00	91.84 4.29 0.00	93.27 4.35 0.00	102.12 4.97 0.00	87.38 4.09 0.00	77.07 3.30 0.00	79.61 2.71 0.00	74.01 2.32 0.00	61.87 1.94 0.00	48.62 1.45 0.00
RAVENSWOOD___3 23535	50.76 2.42 0.00	47.17 2.17 0.00	44.39 1.93 0.00	40.45 1.80 0.00	35.89 1.58 0.00	43.32 1.88 0.00	66.41 3.01 0.00	75.89 3.53 0.00	71.73 3.05 0.00	60.39 2.67 0.00	55.55 2.87 0.00	64.80 3.65 0.00	71.08 4.06 0.00	57.31 3.36 -0.68	114.83 5.54 0.00	91.80 4.25 0.00	93.21 4.28 0.00	102.10 4.95 0.00	87.37 4.08 0.00	77.11 3.34 0.00	79.67 2.77 0.00	74.05 2.36 0.00	61.92 1.99 0.00	48.62 1.45 0.00
RAVENSWOOD___4 23820	50.81 2.47 0.00	47.21 2.21 0.00	44.43 1.97 0.00	40.50 1.84 0.00	35.93 1.61 0.00	43.35 1.91 0.00	66.47 3.07 0.00	75.97 3.62 0.00	71.83 3.15 0.00	60.47 2.75 0.00	55.64 2.96 0.00	64.84 3.69 0.00	71.15 4.13 0.00	57.42 3.46 -0.68	114.93 5.64 0.00	91.84 4.29 0.00	93.27 4.35 0.00	102.12 4.97 0.00	87.38 4.09 0.00	77.07 3.30 0.00	79.61 2.71 0.00	74.01 2.32 0.00	61.87 1.94 0.00	48.62 1.45 0.00
RCPL_TRUST___DRP 24196	50.80 2.46 0.00	47.19 2.20 0.00	44.43 1.96 0.00	40.47 1.81 0.00	35.90 1.58 0.00	43.35 1.91 0.00	66.46 3.06 0.00	75.94 3.58 0.00	71.75 3.07 0.00	60.39 2.66 0.00	55.53 2.85 0.00	64.78 3.64 0.00	71.05 4.04 0.00	56.58 3.33 0.03	114.84 5.55 0.00	91.82 4.27 0.00	93.21 4.28 0.00	102.07 4.92 0.00	87.35 4.06 0.00	77.08 3.31 0.00	79.66 2.76 0.00	74.03 2.35 0.00	61.90 1.97 0.00	48.60 1.42 0.00
RED___ROCHESTER 323720	46.19 -2.14 0.00	42.75 -2.25 0.00	40.31 -2.15 0.00	35.86 -2.13 0.66	32.63 -1.69 0.00	39.88 -1.56 0.00	60.53 -2.86 0.00	66.50 -3.27 2.59	65.79 -2.89 0.00	40.89 -2.06 14.77	46.07 -2.19 4.42	47.19 -2.70 11.26	51.81 -2.81 12.40	43.07 -2.28 7.93	85.01 -4.16 20.11	76.85 -3.64 7.06	70.74 -3.51 14.68	85.33 -3.57 8.25	79.00 -2.59 1.70	66.50 -2.31 4.95	72.03 -2.69 2.18	68.41 -2.48 0.79	58.14 -1.79 0.00	45.75 -1.21 0.21
REGAN___SOLAR 323812	49.58 1.25 0.00	46.18 1.18 0.00	43.53 1.07 0.00	39.59 0.93 0.00	35.18 0.87 0.00	42.64 1.20 0.00	65.45 2.05 0.00	74.98 2.63 0.00	71.12 2.44 0.00	59.42 1.70 0.00	53.95 1.26 0.00	62.32 1.18 0.00	68.38 1.37 0.00	54.29 1.01 0.00	111.41 2.12 0.00	89.46 1.91 0.00	91.89 2.97 0.00	100.96 3.81 0.00	86.51 3.22 0.00	76.71 2.94 0.00	79.78 2.88 0.00	74.20 2.52 0.00	61.93 2.00 0.00	48.65 1.48 0.00
RENSSELAER___COGEN 23796	49.22 0.88 0.00	45.93 0.93 0.00	43.37 0.91 0.00	39.61 0.95 0.00	35.07 0.76 0.00	42.24 0.80 0.00	63.85 0.46 0.00	73.14 0.78 0.00	69.28 0.60 0.00	58.16 0.43 0.00	53.01 0.32 0.00	61.68 0.54 0.00	67.56 0.54 0.00	53.84 0.56 0.00	109.65 0.36 0.00	87.72 0.17 0.00	89.00 0.08 0.00	97.29 0.14 0.00	83.30 0.01 0.00	73.74 -0.03 0.00	76.90 0.00 0.00	71.73 0.05 0.00	59.86 -0.07 0.00	47.13 -0.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	53.13 4.79 0.00	49.25 4.25 0.00	46.29 3.82 0.00	42.46 3.81 0.00	37.82 3.51 0.00	45.93 4.49 0.00	69.87 6.48 0.00	80.64 8.28 0.00	76.45 7.77 0.00	63.72 5.99 0.00	58.03 5.34 0.00	67.32 6.18 0.00	73.90 6.88 0.00	59.27 5.99 0.00	119.72 10.43 0.00	95.93 8.38 0.00	97.66 8.74 0.00	106.71 9.56 0.00	91.94 8.65 0.00	80.82 7.05 0.00	85.83 8.94 0.00	80.20 8.51 0.00	65.85 5.92 0.00	51.38 4.21 0.00
REVERE_CPPR_DRP 24186	49.44 1.11 0.00	46.14 1.14 0.00	43.69 1.22 0.00	39.70 1.04 0.00	35.37 1.05 0.00	42.84 1.40 0.00	65.84 2.44 0.00	77.63 5.27 0.00	73.64 4.96 0.00	61.83 4.11 0.00	54.82 2.13 0.00	63.48 2.33 0.00	68.93 1.92 0.00	54.66 1.38 0.00	112.85 3.56 0.00	90.26 2.70 0.00	92.29 3.37 0.00	100.58 3.43 0.00	86.18 2.89 0.00	76.58 2.81 0.00	79.65 2.75 0.00	73.87 2.19 0.00	61.62 1.69 0.00	48.35 1.18 0.00
REYNLDPA_13_KV_LD 356490	49.44 1.10 0.00	45.93 0.94 0.00	43.36 0.89 0.00	39.42 0.77 0.00	35.07 0.75 0.00	42.36 0.92 0.00	65.07 1.67 0.00	74.14 1.79 0.00	70.49 1.80 0.00	59.16 1.44 0.00	53.84 1.16 0.00	62.33 1.19 0.00	68.41 1.40 0.00	54.29 1.01 0.00	111.08 1.80 0.00	89.35 1.80 0.00	90.84 1.91 0.00	99.01 1.86 0.00	84.97 1.68 0.00	75.36 1.59 0.00	78.76 1.87 0.00	73.52 1.84 0.00	61.45 1.52 0.00	48.45 1.28 0.00
REYNOLDS_115KV_TB3 80639	49.37 1.03 0.00	46.06 1.06 0.00	43.48 1.02 0.00	39.73 1.08 0.00	35.19 0.87 0.00	42.39 0.95 0.00	64.14 0.74 0.00	73.46 1.10 0.00	69.60 0.92 0.00	58.45 0.72 0.00	53.35 0.66 0.00	62.08 0.93 0.00	68.00 0.98 0.00	54.18 0.90 0.00	110.32 1.03 0.00	88.25 0.70 0.00	89.47 0.55 0.00	97.79 0.63 0.00	83.68 0.40 0.00	74.14 0.37 0.00	77.40 0.50 0.00	72.22 0.54 0.00	60.25 0.31 0.00	47.42 0.24 0.00
RIVERBAY____ 323610	51.61 3.27 0.00	47.99 2.99 0.00	45.15 2.69 0.00	41.23 2.58 0.00	36.56 2.24 0.00	44.08 2.64 0.00	67.84 4.44 0.00	77.55 5.19 0.00	73.28 4.60 0.00	61.51 3.78 0.00	56.57 3.88 0.00	65.94 4.79 0.00	72.39 5.38 0.00	58.23 4.27 -0.67	116.70 7.42 0.00	93.18 5.62 0.00	94.66 5.73 0.00	103.73 6.58 0.00	88.75 5.46 0.00	78.29 4.53 0.00	80.99 4.09 0.00	75.23 3.55 0.00	62.88 2.95 0.00	49.34 2.17 0.00
RIVERSDE_115KV_TB3 55908	49.34 1.01 0.00	46.04 1.04 0.00	43.46 1.00 0.00	39.69 1.04 0.00	35.16 0.84 0.00	42.35 0.91 0.00	64.05 0.65 0.00	73.36 1.01 0.00	69.52 0.84 0.00	58.36 0.63 0.00	53.22 0.54 0.00	61.93 0.79 0.00	67.83 0.81 0.00	54.05 0.77 0.00	110.07 0.78 0.00	88.08 0.53 0.00	89.32 0.40 0.00	97.64 0.49 0.00	83.58 0.29 0.00	74.02 0.25 0.00	77.24 0.34 0.00	72.02 0.34 0.00	60.10 0.17 0.00	47.31 0.14 0.00
ROARING___BROOK_WT_PWR 323790	48.06 -0.27 0.00	44.93 -0.07 0.00	42.36 -0.10 0.00	38.51 -0.14 0.00	34.25 -0.07 0.00	41.39 -0.05 0.00	63.42 0.02 0.00	72.47 0.11 0.00	68.70 0.02 0.00	57.67 -0.06 0.00	52.44 -0.25 0.00	60.62 -0.53 0.00	66.51 -0.51 0.00	52.88 -0.41 0.00	108.46 -0.82 0.00	87.23 -0.33 0.00	88.48 -0.45 0.00	96.31 -0.84 0.00	82.80 -0.49 0.00	73.74 -0.02 0.00	76.89 -0.01 0.00	71.58 -0.10 0.00	59.67 -0.26 0.00	47.03 -0.14 0.00

ROCHESRG_115KV_T4 355643	45.68 -2.65 0.00	42.30 -2.70 0.00	39.90 -2.56 0.00	35.51 -2.50 0.64	32.29 -2.03 0.00	39.43 -2.01 0.00	59.77 -3.63 0.00	65.64 -4.19 2.53	64.89 -3.80 0.00	40.51 -2.76 14.45	45.45 -2.85 4.38	46.01 -3.44 11.70	51.24 -3.64 12.14	42.58 -2.95 7.75	83.95 -5.67 19.66	75.83 -4.83 6.90	69.84 -4.76 14.33	84.09 -5.00 8.06	77.81 -3.82 1.66	65.55 -3.38 4.84	71.02 -3.75 2.13	67.50 -3.42 0.77	57.39 -2.54 0.00	45.22 -1.75 0.21
ROCHESTER_9_IC 23652	46.00 -2.34 0.00	42.57 -2.43 0.00	40.17 -2.30 0.00	35.72 -2.27 0.66	32.51 -1.81 0.00	39.71 -1.72 0.00	60.26 -3.14 0.00	66.17 -3.59 2.59	65.47 -3.22 0.00	40.66 -2.27 14.79	45.83 -2.43 4.42	46.93 -2.94 11.27	51.52 -3.08 12.41	42.84 -2.51 7.93	84.45 -4.70 20.14	76.40 -4.08 7.07	70.27 -3.96 14.70	84.75 -4.13 8.26	78.52 -3.06 1.70	66.10 -2.71 4.96	71.60 -3.11 2.19	68.05 -2.85 0.79	57.86 -2.07 0.00	45.55 -1.41 0.21
ROCKVIEW_13_KV_LD 356306	50.76 2.42 0.00	47.19 2.19 0.00	44.40 1.94 0.00	40.45 1.80 0.00	35.89 1.57 0.00	43.34 1.90 0.00	66.43 3.03 0.00	75.89 3.54 0.00	71.76 3.08 0.00	60.38 2.65 0.00	55.53 2.84 0.00	64.78 3.64 0.00	70.96 3.94 0.00	56.52 3.24 0.00	114.68 5.39 0.00	91.78 4.23 0.00	93.24 4.31 0.00	102.19 5.04 0.00	87.49 4.20 0.00	77.26 3.49 0.00	79.93 3.03 0.00	74.31 2.62 0.00	62.09 2.16 0.00	48.72 1.55 0.00
ROME____115KV_TB2 80656	49.44 1.11 0.00	46.14 1.14 0.00	43.69 1.22 0.00	39.70 1.04 0.00	35.37 1.05 0.00	42.84 1.40 0.00	65.84 2.44 0.00	77.63 5.27 0.00	73.64 4.96 0.00	61.83 4.11 0.00	54.82 2.13 0.00	63.48 2.33 0.00	68.93 1.92 0.00	54.66 1.38 0.00	112.85 3.56 0.00	90.26 2.70 0.00	92.29 3.37 0.00	100.58 3.43 0.00	86.18 2.89 0.00	76.58 2.81 0.00	79.65 2.75 0.00	73.87 2.19 0.00	61.62 1.69 0.00	48.35 1.18 0.00
ROSETON___1 23587	50.10 1.76 0.00	46.63 1.63 0.00	43.92 1.45 0.00	39.99 1.34 0.00	35.45 1.13 0.00	42.79 1.35 0.00	65.54 2.15 0.00	74.86 2.50 0.00	70.83 2.15 0.00	59.57 1.85 0.00	54.70 2.01 0.00	63.73 2.58 0.00	69.86 2.84 0.00	55.62 2.34 0.00	113.06 3.78 0.00	90.40 2.85 0.00	91.84 2.92 0.00	100.61 3.46 0.00	86.14 2.85 0.00	76.14 2.37 0.00	78.92 2.03 0.00	73.44 1.75 0.00	61.40 1.47 0.00	48.20 1.02 0.00
ROSETON___2 23588	50.10 1.76 0.00	46.63 1.63 0.00	43.92 1.45 0.00	39.99 1.34 0.00	35.45 1.13 0.00	42.79 1.35 0.00	65.54 2.15 0.00	74.86 2.50 0.00	70.83 2.15 0.00	59.57 1.85 0.00	54.70 2.01 0.00	63.73 2.58 0.00	69.86 2.84 0.00	55.62 2.34 0.00	113.06 3.78 0.00	90.40 2.85 0.00	91.84 2.92 0.00	100.61 3.46 0.00	86.14 2.85 0.00	76.14 2.37 0.00	78.92 2.03 0.00	73.44 1.75 0.00	61.40 1.47 0.00	48.20 1.02 0.00
ROTRDAM_115KV_TB3 80664	49.45 1.11 0.00	46.07 1.07 0.00	43.45 0.98 0.00	39.61 0.95 0.00	35.11 0.79 0.00	42.39 0.95 0.00	64.68 1.28 0.00	73.95 1.59 0.00	70.10 1.42 0.00	58.89 1.16 0.00	53.79 1.10 0.00	62.48 1.34 0.00	68.46 1.45 0.00	54.52 1.24 0.00	111.33 2.04 0.00	89.09 1.54 0.00	90.48 1.55 0.00	99.02 1.87 0.00	84.81 1.53 0.00	75.11 1.34 0.00	78.33 1.43 0.00	73.02 1.33 0.00	60.98 1.05 0.00	47.91 0.74 0.00
RUSSELL___1 23602	46.19 -2.14 0.00	42.75 -2.25 0.00	40.31 -2.15 0.00	35.86 -2.13 0.66	32.63 -1.69 0.00	39.88 -1.56 0.00	60.53 -2.87 0.00	66.50 -3.26 2.59	65.79 -2.89 0.00	40.97 -1.98 14.77	46.09 -2.18 4.42	47.25 -2.64 11.26	51.86 -2.76 12.40	43.13 -2.23 7.93	85.03 -4.14 20.11	76.86 -3.63 7.06	70.77 -3.48 14.68	85.33 -3.56 8.25	79.01 -2.58 1.70	66.51 -2.30 4.95	72.03 -2.69 2.18	68.41 -2.49 0.79	58.15 -1.78 0.00	45.77 -1.20 0.21
RUSSELL___2 23532	46.19 -2.14 0.00	42.75 -2.25 0.00	40.31 -2.15 0.00	35.86 -2.13 0.66	32.63 -1.69 0.00	39.88 -1.56 0.00	60.53 -2.87 0.00	66.50 -3.26 2.59	65.79 -2.89 0.00	40.97 -1.98 14.77	46.09 -2.18 4.42	47.25 -2.64 11.26	51.86 -2.76 12.40	43.13 -2.23 7.93	85.03 -4.14 20.11	76.86 -3.63 7.06	70.77 -3.48 14.68	85.33 -3.56 8.25	79.01 -2.58 1.70	66.51 -2.30 4.95	72.03 -2.69 2.18	68.41 -2.49 0.79	58.15 -1.78 0.00	45.77 -1.20 0.21
RUSSELL___3 23549	46.19 -2.14 0.00	42.75 -2.25 0.00	40.31 -2.15 0.00	35.86 -2.13 0.66	32.63 -1.69 0.00	39.88 -1.56 0.00	60.53 -2.87 0.00	66.50 -3.26 2.59	65.79 -2.89 0.00	40.97 -1.98 14.77	46.09 -2.18 4.42	47.25 -2.64 11.26	51.86 -2.76 12.40	43.13 -2.23 7.93	85.03 -4.14 20.11	76.86 -3.63 7.06	70.77 -3.48 14.68	85.33 -3.56 8.25	79.01 -2.58 1.70	66.51 -2.30 4.95	72.03 -2.69 2.18	68.41 -2.49 0.79	58.15 -1.78 0.00	45.77 -1.20 0.21
RUSSELL___4 23556	46.19 -2.14 0.00	42.75 -2.25 0.00	40.31 -2.15 0.00	35.86 -2.13 0.66	32.63 -1.69 0.00	39.88 -1.56 0.00	60.53 -2.87 0.00	66.50 -3.26 2.59	65.79 -2.89 0.00	40.97 -1.98 14.77	46.09 -2.18 4.42	47.25 -2.64 11.26	51.86 -2.76 12.40	43.13 -2.23 7.93	85.03 -4.14 20.11	76.86 -3.63 7.06	70.77 -3.48 14.68	85.33 -3.56 8.25	79.01 -2.58 1.70	66.51 -2.30 4.95	72.03 -2.69 2.18	68.41 -2.49 0.79	58.15 -1.78 0.00	45.77 -1.20 0.21
RUSSELL___STATION 23914	46.19 -2.14 0.00	42.75 -2.25 0.00	40.31 -2.15 0.00	35.86 -2.13 0.66	32.63 -1.69 0.00	39.88 -1.56 0.00	60.53 -2.87 0.00	66.50 -3.26 2.59	65.79 -2.89 0.00	40.97 -1.98 14.77	46.09 -2.18 4.42	47.25 -2.64 11.26	51.86 -2.76 12.40	43.13 -2.23 7.93	85.03 -4.14 20.11	76.86 -3.63 7.06	70.77 -3.48 14.68	85.33 -3.56 8.25	79.01 -2.58 1.70	66.51 -2.30 4.95	72.03 -2.69 2.18	68.41 -2.49 0.79	58.15 -1.78 0.00	45.77 -1.20 0.21
S SALMON___HYD 24043	46.74 -1.59 0.00	43.56 -1.44 0.00	41.37 -1.10 0.00	37.61 -1.05 0.00	33.41 -0.91 0.00	40.38 -1.07 0.00	61.64 -1.76 0.00	70.62 -1.74 0.00	67.03 -1.66 0.00	56.28 -1.45 0.00	51.14 -1.55 0.00	59.28 -1.87 0.00	64.92 -2.10 0.00	51.38 -1.91 0.00	106.51 -2.77 0.00	85.24 -2.31 0.00	87.26 -1.66 0.00	95.00 -2.16 0.00	81.40 -1.89 0.00	72.59 -1.18 0.00	75.56 -1.34 0.00	69.98 -1.70 0.00	58.44 -1.49 0.00	46.06 -1.11 0.00
S.PERRY___115KV_TB1 80734	46.23 -2.11 0.00	42.62 -2.38 0.00	40.24 -2.23 0.00	34.24 -2.16 2.25	32.76 -1.56 0.00	40.27 -1.17 0.00	60.87 -2.53 0.00	60.99 -3.06 8.30	65.49 -3.19 0.00	8.65 -2.22 46.85	36.63 -2.83 13.22	41.39 -3.00 16.76	25.79 -3.36 37.86	25.38 -3.36 24.53	39.94 -6.92 62.43	58.18 -6.21 23.15	33.86 -5.90 49.16	63.78 -5.77 27.60	73.18 -4.36 5.75	52.97 -4.06 16.74	64.94 -4.58 7.38	66.44 -2.59 2.65	58.32 -1.61 0.00	45.32 -1.14 0.71
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.02 -4.32 0.00	40.59 -4.41 0.00	38.33 -4.13 0.00	33.49 -4.03 1.14	30.99 -3.33 0.00	38.04 -3.40 0.00	57.13 -6.27 0.00	60.43 -7.45 4.48	61.86 -6.82 0.00	26.29 -4.87 26.56	39.46 -5.04 8.18	31.47 -5.93 23.75	38.63 -6.33 22.06	34.03 -5.22 14.04	63.20 -10.48 35.60	66.19 -8.91 12.46	53.91 -8.86 26.16	73.05 -9.48 14.62	72.98 -7.27 3.04	58.54 -6.39 8.84	66.07 -6.93 3.89	64.08 -6.20 1.40	55.42 -4.51 0.00	43.70 -3.10 0.38

SAWYER___23_KV_LOAD 55526	44.02 -4.32 0.00	40.59 -4.41 0.00	38.33 -4.13 0.00	33.49 -4.03 1.14	30.99 -3.33 0.00	38.04 -3.40 0.00	57.13 -6.27 0.00	60.43 -7.45 4.48	61.86 -6.82 0.00	26.29 -4.87 26.56	39.46 -5.04 8.18	31.47 -5.93 23.75	38.63 -6.33 22.06	34.03 -5.22 14.04	63.20 -10.48 35.60	66.19 -8.91 12.46	53.91 -8.86 26.16	73.05 -9.48 14.62	72.98 -7.27 3.04	58.54 -6.39 8.84	66.07 -6.93 3.89	64.08 -6.20 1.40	55.42 -4.51 0.00	43.70 -3.10 0.38
SELKIRK___I 23801	49.48 1.15 0.00	46.18 1.18 0.00	43.59 1.12 0.00	39.76 1.11 0.00	35.21 0.89 0.00	42.45 1.01 0.00	64.42 1.03 0.00	73.66 1.30 0.00	69.77 1.08 0.00	58.59 0.87 0.00	53.45 0.76 0.00	62.15 1.00 0.00	68.05 1.03 0.00	54.25 0.97 0.00	110.67 1.39 0.00	88.52 0.96 0.00	89.85 0.93 0.00	98.24 1.08 0.00	84.13 0.84 0.00	74.48 0.72 0.00	77.67 0.77 0.00	72.43 0.74 0.00	60.51 0.58 0.00	47.63 0.46 0.00
SELKIRK___II 23799	49.26 0.93 0.00	45.97 0.97 0.00	43.38 0.92 0.00	39.58 0.92 0.00	35.05 0.73 0.00	42.24 0.80 0.00	64.09 0.69 0.00	73.33 0.98 0.00	69.47 0.79 0.00	58.35 0.63 0.00	53.26 0.58 0.00	61.95 0.81 0.00	67.86 0.84 0.00	54.05 0.77 0.00	110.18 0.89 0.00	88.15 0.60 0.00	89.44 0.51 0.00	97.78 0.63 0.00	83.74 0.45 0.00	74.14 0.37 0.00	77.27 0.38 0.00	72.05 0.36 0.00	60.17 0.24 0.00	47.36 0.18 0.00
SENECA OSWGO___HYD 24041	46.35 -1.99 0.00	43.15 -1.84 0.00	40.74 -1.73 0.00	37.08 -1.58 0.00	32.97 -1.35 0.00	39.87 -1.57 0.00	60.89 -2.50 0.00	69.60 -2.75 0.00	66.08 -2.60 0.00	55.60 -2.13 0.00	50.75 -1.93 0.00	58.79 -2.36 0.00	64.40 -2.62 0.00	51.32 -1.96 0.00	105.85 -3.44 0.00	84.75 -2.80 0.00	86.20 -2.73 0.00	94.27 -2.88 0.00	80.93 -2.36 0.00	71.68 -2.08 0.00	74.57 -2.33 0.00	69.42 -2.26 0.00	58.01 -1.92 0.00	45.66 -1.52 0.00
SENECA___115KV_TB3 355854	44.37 -3.97 0.00	40.91 -4.09 0.00	38.63 -3.83 0.00	33.66 -3.73 1.27	31.26 -3.06 0.00	38.37 -3.07 0.00	57.67 -5.73 0.00	60.51 -6.86 4.98	62.35 -6.33 0.00	23.48 -4.57 29.67	38.83 -4.67 9.17	28.80 -5.46 26.89	36.63 -5.84 24.55	32.88 -4.78 15.62	60.27 -9.40 39.61	65.55 -8.11 13.89	51.76 -8.02 29.14	72.45 -8.40 16.30	73.56 -6.34 3.39	58.22 -5.69 9.86	66.37 -6.18 4.34	64.59 -5.53 1.56	55.89 -4.04 0.00	43.94 -2.82 0.42
SENECA___ENERGY 23797	46.85 -1.49 0.00	43.50 -1.50 0.00	41.04 -1.42 0.00	37.49 -1.37 -0.20	33.24 -1.08 0.00	40.41 -1.03 0.00	61.62 -1.77 0.00	73.64 -1.94 -3.23	66.88 -1.81 0.00	63.23 -1.41 -6.92	53.59 -1.22 -2.13	62.96 -1.58 -3.39	68.71 -1.98 -3.67	54.14 -1.48 -2.34	113.10 -2.11 -5.93	88.35 -1.76 -2.56	93.77 -1.73 -6.57	99.21 -1.64 -3.69	82.87 -1.19 -0.78	74.91 -1.12 -2.26	76.54 -1.35 -0.99	70.55 -1.49 -0.36	58.77 -1.16 0.00	46.43 -0.84 -0.10
SHOEMAKER___GT 23640	50.04 1.70 0.00	46.56 1.57 0.00	43.86 1.40 0.00	39.92 1.26 0.00	35.41 1.09 0.00	42.76 1.32 0.00	65.56 2.16 0.00	74.83 2.48 0.00	70.80 2.12 0.00	59.55 1.83 0.00	54.67 1.99 0.00	63.55 2.40 0.00	69.62 2.60 0.00	55.34 2.06 0.00	112.78 3.49 0.00	90.28 2.73 0.00	91.86 2.93 0.00	100.69 3.54 0.00	86.23 2.95 0.00	76.24 2.48 0.00	79.08 2.18 0.00	73.58 1.90 0.00	61.51 1.58 0.00	48.27 1.09 0.00
SHOEMAKR_138KV_BK 111 55601	50.01 1.67 0.00	46.54 1.54 0.00	43.84 1.38 0.00	39.92 1.26 0.00	35.39 1.07 0.00	42.74 1.30 0.00	65.53 2.13 0.00	74.80 2.44 0.00	70.78 2.10 0.00	59.51 1.79 0.00	54.64 1.95 0.00	63.53 2.38 0.00	69.62 2.60 0.00	55.36 2.08 0.00	112.77 3.48 0.00	90.29 2.74 0.00	91.81 2.88 0.00	100.63 3.47 0.00	86.19 2.90 0.00	76.20 2.44 0.00	79.02 2.11 0.00	73.53 1.84 0.00	61.48 1.54 0.00	48.24 1.07 0.00
SHOREHAM_IC_1 23715	50.87 2.54 0.00	47.14 2.15 0.00	44.23 1.76 0.00	40.33 1.67 0.00	35.71 1.39 0.00	43.02 1.59 0.00	74.46 2.23 -8.83	85.97 2.47 -11.15	81.62 2.44 -10.50	67.97 2.05 -8.19	55.33 2.26 -0.38	66.49 3.36 -1.99	75.18 3.93 -4.23	57.29 3.26 -0.75	122.39 3.56 -9.55	98.36 3.36 -7.45	106.67 3.89 -13.85	117.85 5.14 -15.55	101.84 4.29 -14.26	88.16 3.39 -11.01	91.93 2.73 -12.30	85.85 2.15 -12.01	70.25 2.04 -8.28	48.62 1.44 0.00
SHOREHAM_IC_2 23716	50.87 2.54 0.00	47.15 2.15 0.00	44.23 1.76 0.00	40.33 1.67 0.00	35.71 1.39 0.00	43.03 1.59 0.00	74.46 2.23 -8.83	85.96 2.46 -11.15	81.62 2.44 -10.50	67.95 2.03 -8.19	55.32 2.25 -0.38	66.42 3.28 -1.99	75.11 3.86 -4.23	57.26 3.23 -0.75	122.34 3.51 -9.55	98.36 3.36 -7.45	106.66 3.89 -13.85	117.87 5.16 -15.55	101.86 4.31 -14.26	88.16 3.39 -11.01	91.94 2.73 -12.30	85.85 2.15 -12.01	70.25 2.04 -8.28	48.61 1.43 0.00
SISSONVILLE____ 23735	49.59 1.26 0.00	46.10 1.10 0.00	43.61 1.14 0.00	39.61 0.96 0.00	35.28 0.96 0.00	42.62 1.18 0.00	65.56 2.17 0.00	74.88 2.53 0.00	71.14 2.46 0.00	59.57 1.85 0.00	54.08 1.39 0.00	62.45 1.30 0.00	68.54 1.52 0.00	54.35 1.07 0.00	111.70 2.41 0.00	89.33 1.78 0.00	90.22 1.30 0.00	97.79 0.64 0.00	83.87 0.58 0.00	74.91 1.14 0.00	79.00 2.10 0.00	74.06 2.37 0.00	61.81 1.88 0.00	48.70 1.52 0.00
SITHE_IND_GS1 24169	46.16 -2.18 0.00	42.98 -2.02 0.00	40.55 -1.91 0.00	36.91 -1.75 0.00	32.82 -1.50 0.00	39.67 -1.77 0.00	60.55 -2.85 0.00	69.16 -3.20 0.00	65.66 -3.03 0.00	55.22 -2.50 0.00	50.42 -2.26 0.00	58.46 -2.68 0.00	64.03 -2.99 0.00	51.00 -2.28 0.00	105.28 -4.01 0.00	82.88 -3.24 1.43	73.54 -3.28 12.11	86.53 -3.52 7.10	78.89 -2.92 1.48	66.85 -2.60 4.31	72.19 -2.81 1.90	68.33 -2.67 0.68	57.72 -2.21 0.00	45.28 -1.71 0.19
SITHE_IND_GS2 24170	46.16 -2.18 0.00	42.98 -2.02 0.00	40.55 -1.91 0.00	36.91 -1.75 0.00	32.82 -1.50 0.00	39.67 -1.77 0.00	60.55 -2.85 0.00	69.16 -3.20 0.00	65.66 -3.03 0.00	55.22 -2.50 0.00	50.42 -2.26 0.00	58.46 -2.68 0.00	64.03 -2.99 0.00	51.00 -2.28 0.00	105.28 -4.01 0.00	82.88 -3.24 1.43	73.54 -3.28 12.11	86.53 -3.52 7.10	78.89 -2.92 1.48	66.85 -2.60 4.31	72.19 -2.81 1.90	68.33 -2.67 0.68	57.72 -2.21 0.00	45.28 -1.71 0.19
SITHE_IND_GS3 24171	46.16 -2.18 0.00	42.98 -2.02 0.00	40.55 -1.91 0.00	36.91 -1.75 0.00	32.82 -1.50 0.00	39.67 -1.77 0.00	60.55 -2.85 0.00	69.16 -3.20 0.00	65.66 -3.03 0.00	55.22 -2.50 0.00	50.42 -2.26 0.00	58.46 -2.68 0.00	64.03 -2.99 0.00	51.00 -2.28 0.00	105.28 -4.01 0.00	84.32 -3.24 0.00	85.65 -3.28 0.00	93.63 -3.52 0.00	80.37 -2.92 0.00	71.17 -2.60 0.00	74.09 -2.81 0.00	69.02 -2.67 0.00	57.72 -2.21 0.00	45.47 -1.71 0.00
SITHE_IND_GS4 24172	46.16 -2.18 0.00	42.98 -2.02 0.00	40.55 -1.91 0.00	36.91 -1.75 0.00	32.82 -1.50 0.00	39.67 -1.77 0.00	60.55 -2.85 0.00	69.16 -3.20 0.00	65.66 -3.03 0.00	55.22 -2.50 0.00	50.42 -2.26 0.00	58.46 -2.68 0.00	64.03 -2.99 0.00	51.00 -2.28 0.00	105.28 -4.01 0.00	84.32 -3.24 0.00	85.65 -3.28 0.00	93.63 -3.52 0.00	80.37 -2.92 0.00	71.17 -2.60 0.00	74.09 -2.81 0.00	69.02 -2.67 0.00	57.72 -2.21 0.00	45.47 -1.71 0.00

SITHE___BATAVIA 24024	45.67 -2.67 0.00	42.13 -2.87 0.00	39.76 -2.71 0.00	35.02 -2.72 0.92	32.20 -2.12 0.00	39.46 -1.98 0.00	59.57 -3.83 0.00	64.38 -4.37 3.60	64.91 -3.77 0.00	34.06 -2.64 21.03	43.16 -3.04 6.48	38.93 -3.86 18.36	45.65 -3.83 17.54	38.93 -3.18 11.17	75.34 -5.60 28.34	72.69 -4.91 9.95	63.47 -4.64 20.81	80.65 -4.84 11.66	77.27 -3.60 2.41	63.65 -3.09 7.03	70.16 -3.64 3.10	67.20 -3.37 1.11	57.61 -2.32 0.00	45.40 -1.48 0.30
SITHE___INDEPEND 23800	46.16 -2.18 0.00	42.97 -2.03 0.00	40.55 -1.92 0.00	36.91 -1.75 0.00	32.82 -1.50 0.00	39.67 -1.77 0.00	60.55 -2.85 0.00	69.15 -3.20 0.00	65.66 -3.03 0.00	55.22 -2.51 0.00	50.43 -2.26 0.00	58.46 -2.69 0.00	64.04 -2.97 0.00	51.00 -2.28 0.00	105.28 -4.01 0.00	82.88 -3.24 1.43	73.56 -3.26 12.10	86.53 -3.52 7.10	78.90 -2.91 1.48	66.85 -2.60 4.31	72.19 -2.81 1.90	68.33 -2.67 0.68	57.72 -2.21 0.00	45.28 -1.71 0.19
SITHE___MASSENA 23902	49.61 1.28 0.00	46.08 1.09 0.00	43.52 1.06 0.00	39.55 0.90 0.00	35.20 0.88 0.00	42.52 1.08 0.00	65.33 1.93 0.00	74.47 2.11 0.00	70.80 2.11 0.00	59.37 1.65 0.00	54.03 1.34 0.00	62.51 1.36 0.00	68.61 1.59 0.00	54.45 1.17 0.00	111.79 2.50 0.00	89.71 2.16 0.00	91.07 2.14 0.00	99.13 1.98 0.00	85.07 1.78 0.00	75.52 1.75 0.00	79.03 2.13 0.00	73.84 2.15 0.00	61.69 1.77 0.00	48.64 1.46 0.00
SITHE___OGDNSBRG 24021	50.45 2.11 0.00	46.84 1.85 0.00	44.24 1.77 0.00	40.19 1.53 0.00	35.81 1.49 0.00	43.30 1.86 0.00	66.64 3.24 0.00	76.07 3.72 0.00	72.18 3.50 0.00	60.37 2.65 0.00	54.79 2.11 0.00	63.19 2.04 0.00	69.33 2.31 0.00	55.19 1.91 0.00	113.23 3.95 0.00	91.03 3.48 0.00	92.33 3.41 0.00	100.49 3.33 0.00	86.23 2.94 0.00	76.72 2.95 0.00	80.48 3.58 0.00	75.39 3.70 0.00	62.89 2.96 0.00	49.53 2.36 0.00
SITHE___STERLING 23777	49.08 0.74 0.00	45.79 0.79 0.00	43.30 0.84 0.00	39.37 0.71 0.00	35.05 0.73 0.00	42.46 1.02 0.00	64.99 1.60 0.00	73.61 1.26 0.00	69.84 1.15 0.00	58.79 1.07 0.00	54.07 1.28 -0.10	65.40 1.39 -2.86	68.41 1.40 0.00	54.27 0.99 0.00	111.94 2.65 0.00	89.64 2.09 0.00	91.35 2.42 0.00	99.61 2.46 0.00	85.41 2.12 0.00	75.73 1.96 0.00	78.74 1.84 0.00	73.15 1.46 0.00	61.07 1.14 0.00	47.94 0.77 0.00
SLEIGHT__34_KV_TB1 80719	46.12 -2.22 0.00	42.77 -2.23 0.00	40.33 -2.13 0.00	36.39 -2.05 0.21	32.68 -1.64 0.00	39.84 -1.60 0.00	60.67 -2.73 0.00	68.17 -3.06 1.14	65.85 -2.83 0.00	55.62 -2.10 0.00	50.51 -2.06 0.11	54.92 -2.53 3.70	60.09 -2.82 4.10	48.44 -2.22 2.62	98.62 -3.84 6.82	82.53 -3.20 1.82	85.81 -3.12 0.00	93.97 -3.18 0.00	80.87 -2.41 0.00	71.57 -2.20 0.00	74.35 -2.54 0.00	69.16 -2.52 0.00	57.99 -1.94 0.00	45.78 -1.39 0.00
SMITHTWN_69_KV_BK 1 55830	50.96 2.63 0.00	47.26 2.26 0.00	44.33 1.87 0.00	40.42 1.77 0.00	35.74 1.43 0.00	43.05 1.61 0.00	69.86 2.30 -4.16	80.14 2.53 -5.25	76.13 2.50 -4.94	63.60 2.02 -3.86	55.28 2.42 -0.18	65.60 3.51 -0.94	73.52 4.02 -2.49	57.24 3.32 -0.64	117.70 3.92 -4.50	94.51 3.45 -3.51	99.27 3.82 -6.52	109.57 5.08 -7.33	94.87 4.22 -7.35	82.28 3.33 -5.19	85.39 2.70 -5.79	79.51 2.17 -5.66	65.93 2.10 -3.90	48.66 1.49 0.00
SOUTH CAIRO___GT 23612	50.63 2.30 0.00	47.20 2.20 0.00	44.55 2.09 0.00	40.66 2.00 0.00	36.03 1.71 0.00	43.53 2.09 0.00	66.07 2.67 0.00	75.87 3.52 0.00	71.81 3.13 0.00	60.13 2.41 0.00	54.81 2.12 0.00	63.68 2.53 0.00	69.41 2.39 0.00	55.43 2.15 0.00	113.06 3.78 0.00	90.74 3.19 0.00	92.50 3.58 0.00	101.70 4.55 0.00	87.08 3.79 0.00	76.96 3.20 0.00	80.18 3.28 0.00	74.63 2.95 0.00	62.12 2.20 0.00	48.79 1.62 0.00
SOUTH HAMPTN___IC 23720	50.70 2.36 0.00	46.96 1.96 0.00	44.05 1.59 0.00	40.19 1.53 0.00	35.58 1.27 0.00	42.90 1.46 0.00	74.86 2.13 -9.34	86.53 2.38 -11.79	82.15 2.36 -11.11	68.41 2.02 -8.66	55.32 2.24 -0.40	66.63 3.39 -2.10	75.27 3.83 -4.42	57.28 3.23 -0.77	122.85 3.46 -10.10	98.85 3.42 -7.88	107.56 3.99 -14.65	118.77 5.17 -16.44	102.60 4.30 -15.01	88.77 3.37 -11.64	92.57 2.66 -13.01	86.44 2.05 -12.71	70.60 1.92 -8.75	48.45 1.27 0.00
SOUTHDOW_115KV_TB1 355954	45.15 -3.19 0.00	41.69 -3.31 0.00	39.56 -2.91 0.00	34.62 -2.71 1.32	31.79 -2.53 0.00	39.01 -2.43 0.00	59.10 -4.30 0.00	62.17 -4.82 5.36	64.52 -4.16 0.00	22.40 -2.82 32.50	39.76 -3.14 9.78	29.40 -4.04 27.71	36.24 -4.29 26.49	32.79 -3.64 16.86	58.69 -7.86 42.74	65.94 -6.74 14.87	50.83 -6.93 31.16	73.04 -6.68 17.44	74.96 -4.70 3.63	59.15 -4.06 10.56	67.73 -4.51 4.65	66.52 -3.49 1.67	57.48 -2.45 0.00	44.63 -2.09 0.45
SOUTHOLD_69_KV_BK 2 55809	50.17 1.84 0.00	46.41 1.42 0.00	43.56 1.09 0.00	39.76 1.11 0.00	35.20 0.88 0.00	42.45 1.01 0.00	74.19 1.47 -9.33	85.82 1.68 -11.78	81.54 1.76 -11.09	67.96 1.55 -8.65	54.84 1.75 -0.40	66.09 2.84 -2.10	74.64 3.20 -4.42	56.86 2.81 -0.77	121.87 2.50 -10.09	98.27 2.84 -7.87	106.96 3.41 -14.63	118.02 4.44 -16.43	101.95 3.66 -15.00	88.17 2.77 -11.63	91.89 2.00 -13.00	85.72 1.35 -12.69	70.00 1.32 -8.75	47.92 0.74 0.00
SOUTHOLD___IC 23719	50.17 1.84 0.00	46.41 1.41 0.00	43.56 1.10 0.00	39.76 1.11 0.00	35.20 0.88 0.00	42.44 1.00 0.00	74.19 1.47 -9.33	85.82 1.68 -11.78	81.54 1.76 -11.09	67.96 1.58 -8.65	54.84 1.76 -0.40	66.17 2.92 -2.10	74.70 3.27 -4.42	56.90 2.85 -0.77	121.94 2.56 -10.09	98.26 2.84 -7.87	106.97 3.41 -14.63	118.02 4.44 -16.43	101.93 3.65 -15.00	88.16 2.77 -11.63	91.88 1.99 -13.00	85.73 1.35 -12.69	70.01 1.33 -8.75	47.92 0.75 0.00
SOUTH_FORK_WT_PWR 323839	49.40 1.06 0.00	45.68 0.68 0.00	42.87 0.41 0.00	39.14 0.49 0.00	34.64 0.32 0.00	41.76 0.33 0.00	73.18 0.45 -9.33	84.67 0.53 -11.78	80.44 0.66 -11.10	67.14 0.76 -8.66	54.03 0.95 -0.40	65.26 2.02 -2.10	73.66 2.22 -4.42	56.17 2.13 -0.77	120.34 0.96 -10.10	97.08 1.65 -7.87	105.71 2.14 -14.64	116.49 2.90 -16.43	100.61 2.31 -15.01	86.99 1.58 -11.64	90.65 0.75 -13.00	84.58 0.19 -12.70	69.06 0.37 -8.75	47.13 -0.05 0.00
SPIERFLS_115KV_TB 1 80737	50.22 1.88 0.00	46.68 1.68 0.00	43.98 1.52 0.00	40.20 1.55 0.00	35.68 1.37 0.00	43.18 1.74 0.00	65.75 2.35 0.00	75.37 3.01 0.00	71.43 2.75 0.00	59.91 2.18 0.00	54.72 2.04 0.00	63.60 2.46 0.00	69.71 2.69 0.00	55.56 2.28 0.00	113.01 3.72 0.00	90.28 2.72 0.00	91.75 2.83 0.00	100.44 3.29 0.00	86.06 2.77 0.00	76.14 2.38 0.00	79.94 3.04 0.00	74.55 2.87 0.00	61.98 2.05 0.00	48.58 1.41 0.00
ST LAWRENCE____ 23600	48.86 0.53 0.00	45.41 0.41 0.00	42.87 0.40 0.00	38.98 0.32 0.00	34.67 0.35 0.00	41.86 0.42 0.00	64.30 0.90 0.00	73.28 0.93 0.00	69.68 1.00 0.00	58.46 0.73 0.00	53.22 0.54 0.00	61.62 0.47 0.00	67.64 0.62 0.00	53.67 0.39 0.00	110.15 0.86 0.00	88.44 0.88 0.00	89.85 0.92 0.00	97.90 0.75 0.00	83.99 0.71 0.00	74.48 0.72 0.00	77.85 0.95 0.00	72.66 0.97 0.00	60.71 0.78 0.00	47.88 0.70 0.00

STATE_CA_115KV_115_LB 55624	49.49 1.15 0.00	46.18 1.18 0.00	43.60 1.14 0.00	39.81 1.15 0.00	35.27 0.95 0.00	42.48 1.04 0.00	64.19 0.79 0.00	73.55 1.20 0.00	69.69 1.01 0.00	58.48 0.75 0.00	53.30 0.62 0.00	62.05 0.90 0.00	67.96 0.95 0.00	54.15 0.87 0.00	110.29 1.00 0.00	88.29 0.74 0.00	89.57 0.65 0.00	97.90 0.75 0.00	83.81 0.52 0.00	74.17 0.40 0.00	77.35 0.45 0.00	72.11 0.43 0.00	60.16 0.22 0.00	47.36 0.19 0.00
STATE_ST_34_KV_LOAD 55959	47.47 -0.86 0.00	44.12 -0.87 0.00	41.65 -0.81 0.00	38.34 -0.80 -0.49	33.77 -0.54 0.00	41.00 -0.44 0.00	62.45 -0.95 0.00	78.30 -1.00 -6.94	67.70 -0.98 0.00	71.75 -0.75 -14.78	56.72 -0.47 -4.51	68.63 -0.69 -8.17	74.82 -1.11 -8.91	58.14 -0.85 -5.70	123.01 -0.70 -14.42	92.78 -0.57 -5.80	102.45 -0.42 -13.95	104.75 -0.24 -7.84	84.87 -0.06 -1.64	78.43 -0.11 -4.77	78.68 -0.32 -2.10	71.75 -0.69 -0.76	59.51 -0.42 0.00	47.08 -0.30 -0.20
STATION_5_MISC_HYD 23604	45.99 -2.34 0.00	42.58 -2.42 0.00	40.17 -2.30 0.00	35.72 -2.27 0.66	32.51 -1.81 0.00	39.72 -1.72 0.00	60.26 -3.14 0.00	66.15 -3.62 2.59	65.46 -3.22 0.00	40.60 -2.33 14.79	45.82 -2.45 4.42	46.88 -2.99 11.27	51.46 -3.15 12.41	42.80 -2.55 7.93	84.43 -4.72 20.14	76.40 -4.09 7.07	70.26 -3.98 14.70	84.77 -4.12 8.26	78.52 -3.06 1.70	66.07 -2.73 4.96	71.61 -3.10 2.19	68.05 -2.84 0.79	57.86 -2.07 0.00	45.55 -1.41 0.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.43 -1.91 0.00	43.05 -1.94 0.00	40.62 -1.85 0.00	36.53 -1.79 0.33	32.89 -1.43 0.00	40.08 -1.36 0.00	61.02 -2.38 0.00	68.35 -2.68 1.33	66.26 -2.42 0.00	48.99 -1.77 6.96	48.85 -1.78 2.06	53.21 -2.24 5.69	58.29 -2.45 6.29	47.38 -1.88 4.02	95.78 -3.30 10.20	81.29 -2.82 3.45	79.33 -2.74 6.85	90.53 -2.77 3.86	80.44 -2.06 0.79	69.59 -1.88 2.30	73.67 -2.22 1.01	69.17 -2.15 0.36	58.28 -1.65 0.00	45.91 -1.16 0.10
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.73 -2.60 0.00	42.35 -2.65 0.00	39.95 -2.51 0.00	35.62 -2.45 0.59	32.34 -1.98 0.00	39.47 -1.97 0.00	59.91 -3.49 0.00	66.04 -4.00 2.31	65.06 -3.62 0.00	42.04 -2.64 13.04	46.01 -2.73 3.95	47.83 -3.30 10.02	52.51 -3.48 11.04	43.42 -2.80 7.06	86.06 -5.32 17.90	76.76 -4.54 6.26	71.51 -4.47 12.95	85.20 -4.67 7.28	78.23 -3.56 1.50	66.23 -3.17 4.36	71.42 -3.56 1.92	67.71 -3.28 0.69	57.47 -2.46 0.00	45.27 -1.72 0.19
STA_56___34_KV_BUS2 355983	45.73 -2.60 0.00	42.35 -2.65 0.00	39.95 -2.51 0.00	35.62 -2.45 0.59	32.34 -1.98 0.00	39.47 -1.97 0.00	59.91 -3.49 0.00	66.04 -4.00 2.31	65.06 -3.62 0.00	42.04 -2.64 13.04	46.01 -2.73 3.95	47.83 -3.30 10.02	52.51 -3.48 11.04	43.42 -2.80 7.06	86.06 -5.32 17.90	76.76 -4.54 6.26	71.51 -4.47 12.95	85.20 -4.67 7.28	78.23 -3.56 1.50	66.23 -3.17 4.36	71.42 -3.56 1.92	67.71 -3.28 0.69	57.47 -2.46 0.00	45.27 -1.72 0.19
STA_67___115KV_BK2 355882	45.92 -2.41 0.00	42.50 -2.51 0.00	40.09 -2.37 0.00	35.66 -2.34 0.66	32.45 -1.87 0.00	39.63 -1.80 0.00	60.13 -3.27 0.00	66.01 -3.76 2.59	65.32 -3.36 0.00	40.55 -2.39 14.78	45.73 -2.54 4.42	46.81 -3.07 11.26	51.39 -3.23 12.40	42.73 -2.63 7.93	84.24 -4.93 20.12	76.20 -4.28 7.07	70.06 -4.18 14.68	84.52 -4.37 8.26	78.33 -3.26 1.70	65.94 -2.88 4.96	71.43 -3.28 2.18	67.90 -3.00 0.79	57.74 -2.19 0.00	45.47 -1.49 0.21
STA_7___115KV_9TRANS 80674	46.19 -2.14 0.00	42.75 -2.25 0.00	40.31 -2.15 0.00	35.86 -2.13 0.66	32.63 -1.69 0.00	39.88 -1.56 0.00	60.53 -2.87 0.00	66.50 -3.26 2.59	65.79 -2.89 0.00	40.97 -1.98 14.77	46.09 -2.18 4.42	47.25 -2.64 11.26	51.86 -2.76 12.40	43.13 -2.23 7.93	85.03 -4.14 20.11	76.86 -3.63 7.06	70.77 -3.48 14.68	85.33 -3.56 8.25	79.01 -2.58 1.70	66.51 -2.30 4.95	72.03 -2.69 2.18	68.41 -2.49 0.79	58.15 -1.78 0.00	45.77 -1.20 0.21
STA_82___115KV_TB1 80780	45.88 -2.46 0.00	42.48 -2.52 0.00	40.06 -2.40 0.00	35.63 -2.36 0.66	32.43 -1.89 0.00	39.60 -1.84 0.00	60.08 -3.32 0.00	65.93 -3.82 2.61	65.26 -3.43 0.00	40.40 -2.45 14.87	45.65 -2.59 4.45	46.68 -3.14 11.33	51.25 -3.29 12.47	42.63 -2.68 7.98	84.00 -5.04 20.24	76.08 -4.36 7.11	69.88 -4.26 14.78	84.39 -4.45 8.31	78.23 -3.35 1.71	65.83 -2.94 4.99	71.34 -3.36 2.20	67.83 -3.06 0.79	57.69 -2.24 0.00	45.44 -1.53 0.21
STEEL___WIND 323596	44.32 -4.02 0.00	40.86 -4.14 0.00	38.59 -3.87 0.00	33.62 -3.77 1.27	31.21 -3.10 0.00	38.33 -3.11 0.00	57.58 -5.82 0.00	60.44 -6.94 4.98	62.25 -6.43 0.00	23.43 -4.63 29.67	38.77 -4.74 9.17	28.75 -5.52 26.89	36.56 -5.91 24.55	32.80 -4.86 15.62	60.11 -9.56 39.61	65.47 -8.19 13.89	51.65 -8.14 29.14	72.36 -8.49 16.30	73.48 -6.42 3.39	58.11 -5.79 9.86	66.29 -6.27 4.34	64.51 -5.61 1.56	55.83 -4.10 0.00	43.90 -2.86 0.42
STEPHTWN_115KV_BK_2 55603	49.62 1.28 0.00	46.27 1.28 0.00	43.77 1.30 0.00	39.99 1.34 0.00	35.42 1.10 0.00	42.75 1.32 0.00	64.78 1.38 0.00	74.15 1.79 0.00	70.24 1.55 0.00	58.93 1.21 0.00	53.71 1.03 0.00	62.62 1.47 0.00	68.42 1.40 0.00	54.57 1.29 0.00	111.19 1.91 0.00	89.00 1.45 0.00	90.27 1.35 0.00	98.82 1.67 0.00	84.67 1.39 0.00	74.93 1.17 0.00	78.10 1.21 0.00	72.69 1.00 0.00	60.58 0.65 0.00	47.67 0.50 0.00
STEUBEN_REC_LFGE 323667	43.67 -4.67 0.00	39.97 -5.03 0.00	37.82 -4.65 0.00	29.75 -4.18 4.72	31.05 -3.27 0.00	38.49 -2.96 0.00	57.26 -6.14 0.00	45.94 -7.72 18.70	61.04 -7.64 0.01	-48.05 -5.17 100.61	16.48 -5.97 30.24	-4.57 -6.22 59.50	-21.24 -6.70 81.56	-4.61 -5.48 52.41	-32.60 -9.14 132.75	29.61 -7.72 50.23	-27.44 -7.93 108.43	27.38 -8.88 60.89	63.58 -6.99 12.71	30.30 -6.45 37.02	53.59 -7.00 16.31	59.64 -6.17 5.87	54.47 -5.46 0.00	41.29 -4.30 1.58
STILLWATER___SOLAR 323814	50.21 1.88 0.00	46.74 1.75 0.00	44.06 1.60 0.00	40.24 1.58 0.00	35.68 1.36 0.00	43.12 1.69 0.00	65.65 2.26 0.00	75.15 2.79 0.00	71.20 2.52 0.00	59.77 2.05 0.00	54.57 1.88 0.00	63.46 2.31 0.00	69.48 2.47 0.00	55.39 2.11 0.00	112.84 3.56 0.00	90.31 2.76 0.00	91.77 2.84 0.00	100.39 3.23 0.00	85.99 2.70 0.00	76.13 2.37 0.00	79.61 2.71 0.00	74.23 2.55 0.00	61.83 1.90 0.00	48.55 1.37 0.00
STONY___BROOK 24151	50.86 2.53 0.00	47.17 2.17 0.00	44.24 1.78 0.00	40.35 1.69 0.00	35.67 1.36 0.00	42.96 1.52 0.00	72.28 2.14 -6.74	83.19 2.32 -8.51	79.00 2.30 -8.02	65.90 1.91 -6.26	55.28 2.31 -0.29	66.13 3.47 -1.52	74.43 3.96 -3.45	57.27 3.29 -0.70	120.35 3.77 -7.29	96.51 3.27 -5.69	103.11 3.61 -10.58	113.85 4.81 -11.88	98.44 3.98 -11.18	85.30 3.13 -8.41	88.77 2.47 -9.40	82.84 1.98 -9.17	68.24 1.99 -6.32	48.58 1.41 0.00
STURGEON_POOL_HYD 23609	50.24 1.91 0.00	46.76 1.76 0.00	44.05 1.58 0.00	40.09 1.43 0.00	35.52 1.20 0.00	42.90 1.46 0.00	65.84 2.45 0.00	75.18 2.83 0.00	71.14 2.46 0.00	59.85 2.13 0.00	54.96 2.28 0.00	64.00 2.85 0.00	70.18 3.16 0.00	55.84 2.56 0.00	113.55 4.26 0.00	90.89 3.34 0.00	92.34 3.42 0.00	101.25 4.09 0.00	86.71 3.42 0.00	76.63 2.87 0.00	79.42 2.52 0.00	73.87 2.19 0.00	61.74 1.81 0.00	48.43 1.25 0.00

ST_LAW_115_BK7_LBMP 345037	48.92 0.59 0.00	45.47 0.47 0.00	42.93 0.46 0.00	39.02 0.37 0.00	34.71 0.39 0.00	41.93 0.49 0.00	64.39 0.99 0.00	73.39 1.03 0.00	69.77 1.09 0.00	58.55 0.83 0.00	53.29 0.61 0.00	61.68 0.53 0.00	67.73 0.71 0.00	53.72 0.44 0.00	110.24 0.96 0.00	88.52 0.97 0.00	89.94 1.01 0.00	97.99 0.84 0.00	84.06 0.77 0.00	74.56 0.79 0.00	77.94 1.04 0.00	72.76 1.08 0.00	60.80 0.87 0.00	47.94 0.77 0.00
ST_LAW_115_BK8_LBMP 345038	48.92 0.59 0.00	45.47 0.47 0.00	42.93 0.46 0.00	39.02 0.37 0.00	34.71 0.39 0.00	41.93 0.49 0.00	64.39 0.99 0.00	73.39 1.03 0.00	69.77 1.09 0.00	58.55 0.83 0.00	53.29 0.61 0.00	61.68 0.53 0.00	67.73 0.71 0.00	53.72 0.44 0.00	110.24 0.96 0.00	88.52 0.97 0.00	89.94 1.01 0.00	97.99 0.84 0.00	84.06 0.77 0.00	74.56 0.79 0.00	77.94 1.04 0.00	72.76 1.08 0.00	60.80 0.87 0.00	47.94 0.77 0.00
ST_LAW_230_BK5_LBMP 345035	48.86 0.53 0.00	45.41 0.41 0.00	42.87 0.40 0.00	38.98 0.32 0.00	34.67 0.35 0.00	41.86 0.42 0.00	64.30 0.90 0.00	73.28 0.93 0.00	69.68 1.00 0.00	58.46 0.73 0.00	53.22 0.54 0.00	61.62 0.47 0.00	67.64 0.62 0.00	53.67 0.39 0.00	110.15 0.86 0.00	88.44 0.88 0.00	89.85 0.92 0.00	97.90 0.75 0.00	83.99 0.71 0.00	74.48 0.72 0.00	77.85 0.95 0.00	72.66 0.97 0.00	60.71 0.78 0.00	47.88 0.70 0.00
ST_LAW_230_BK6_LBMP 345036	48.86 0.53 0.00	45.41 0.41 0.00	42.87 0.40 0.00	38.98 0.32 0.00	34.67 0.35 0.00	41.86 0.42 0.00	64.30 0.90 0.00	73.28 0.93 0.00	69.68 1.00 0.00	58.46 0.73 0.00	53.22 0.54 0.00	61.62 0.47 0.00	67.64 0.62 0.00	53.67 0.39 0.00	110.15 0.86 0.00	88.44 0.88 0.00	89.85 0.92 0.00	97.90 0.75 0.00	83.99 0.71 0.00	74.48 0.72 0.00	77.85 0.95 0.00	72.66 0.97 0.00	60.71 0.78 0.00	47.88 0.70 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.14 1.81 0.00	46.67 1.67 0.00	43.95 1.49 0.00	40.00 1.35 0.00	35.48 1.16 0.00	42.85 1.41 0.00	65.73 2.33 0.00	75.01 2.65 0.00	70.96 2.28 0.00	59.65 1.93 0.00	54.80 2.12 0.00	63.78 2.63 0.00	69.95 2.93 0.00	55.68 2.39 0.00	113.25 3.96 0.00	90.62 3.07 0.00	92.10 3.17 0.00	100.96 3.80 0.00	86.44 3.16 0.00	76.41 2.65 0.00	79.19 2.30 0.00	73.68 2.00 0.00	61.60 1.67 0.00	48.32 1.14 0.00
SWANROAD_115KV_TB1 355699	43.32 -5.02 0.00	39.91 -5.09 0.00	37.68 -4.79 0.00	32.96 -4.62 1.08	30.48 -3.83 0.00	37.41 -4.03 0.00	56.02 -7.38 0.00	59.62 -8.50 4.24	60.76 -7.92 0.00	27.33 -5.33 25.07	39.31 -5.63 7.74	32.25 -6.47 22.43	39.21 -7.00 20.80	34.16 -5.88 13.24	64.06 -11.64 33.58	65.91 -9.87 11.77	54.44 -9.79 24.70	72.48 -10.85 13.81	71.75 -8.67 2.87	57.89 -7.54 8.34	65.07 -8.16 3.68	62.93 -7.43 1.32	54.46 -5.47 0.00	43.13 -3.68 0.36
SYNERGY___BIOGAS 323694	45.67 -2.67 0.00	42.12 -2.87 0.00	39.76 -2.70 0.00	35.02 -2.71 0.92	32.20 -2.12 0.00	39.46 -1.98 0.00	59.57 -3.83 0.00	64.42 -4.34 3.60	64.92 -3.76 0.00	34.16 -2.53 21.03	43.20 -3.00 6.48	39.02 -3.77 18.36	45.72 -3.75 17.54	38.98 -3.12 11.17	75.39 -5.55 28.34	72.77 -4.83 9.95	63.49 -4.62 20.81	80.65 -4.84 11.66	77.29 -3.58 2.41	63.66 -3.07 7.03	70.18 -3.63 3.10	67.20 -3.37 1.11	57.62 -2.32 0.00	45.41 -1.46 0.30
SYRACUSE___ENERGY_ST1 323597	47.26 -1.07 0.00	43.96 -1.04 0.00	41.49 -0.97 0.00	37.76 -0.90 0.00	33.60 -0.72 0.00	40.68 -0.76 0.00	62.13 -1.26 0.00	70.99 -1.37 0.00	67.36 -1.32 0.00	61.25 -1.02 -4.55	53.14 -0.86 -1.32	60.07 -1.08 0.00	65.71 -1.31 0.00	52.32 -0.96 0.00	107.93 -1.36 0.00	86.99 -1.12 -0.56	92.80 -1.04 -4.92	98.92 -1.00 -2.77	83.16 -0.71 -0.58	74.76 -0.69 -1.68	76.75 -0.89 -0.74	70.97 -0.98 -0.27	59.13 -0.80 0.00	46.59 -0.66 -0.07
SYRACUSE___ENERGY_ST2 323598	47.26 -1.07 0.00	43.96 -1.04 0.00	41.49 -0.97 0.00	37.76 -0.90 0.00	33.60 -0.72 0.00	40.68 -0.76 0.00	62.13 -1.26 0.00	70.99 -1.37 0.00	67.36 -1.32 0.00	61.25 -1.02 -4.55	53.14 -0.86 -1.32	60.07 -1.08 0.00	65.71 -1.31 0.00	52.32 -0.96 0.00	107.93 -1.36 0.00	86.99 -1.12 -0.56	92.80 -1.04 -4.92	98.92 -1.00 -2.77	83.16 -0.71 -0.58	74.76 -0.69 -1.68	76.75 -0.89 -0.74	70.97 -0.98 -0.27	59.13 -0.80 0.00	46.59 -0.66 -0.07
SYRACUSE___POWER 24017	47.34 -1.00 0.00	44.02 -0.98 0.00	41.54 -0.93 0.00	38.07 -0.86 -0.27	33.61 -0.71 0.00	40.69 -0.74 0.00	62.17 -1.23 0.00	72.21 -1.31 -1.16	67.43 -1.25 0.00	62.70 -0.96 -5.94	53.72 -0.81 -1.84	64.71 -1.02 -4.57	70.76 -1.19 -4.93	55.56 -0.88 -3.15	116.02 -1.25 -7.99	89.67 -1.05 -3.16	95.41 -1.01 -7.49	100.42 -0.94 -4.21	83.48 -0.68 -0.88	75.66 -0.67 -2.56	77.15 -0.88 -1.13	71.15 -0.94 -0.40	59.14 -0.79 0.00	46.64 -0.65 -0.11
TALLMAN__138KV_BK151 55660	50.32 1.99 0.00	46.84 1.84 0.00	44.09 1.62 0.00	40.15 1.50 0.00	35.60 1.28 0.00	43.01 1.57 0.00	66.04 2.64 0.00	75.32 2.96 0.00	71.23 2.55 0.00	59.87 2.14 0.00	54.95 2.27 0.00	63.97 2.82 0.00	70.24 3.23 0.00	55.92 2.64 0.00	113.65 4.37 0.00	90.90 3.34 0.00	92.36 3.43 0.00	101.25 4.09 0.00	86.65 3.36 0.00	76.61 2.84 0.00	79.32 2.42 0.00	73.81 2.12 0.00	61.69 1.75 0.00	48.38 1.20 0.00
TEALLAVE_115KV_TB7 355573	46.99 -1.34 0.00	43.71 -1.29 0.00	41.26 -1.20 0.00	37.54 -1.12 0.00	33.39 -0.93 0.00	40.41 -1.03 0.00	61.72 -1.68 0.00	70.51 -1.85 0.00	66.92 -1.76 0.00	56.35 -1.37 0.00	51.49 -1.19 0.00	59.70 -1.45 0.00	65.35 -1.66 0.00	52.04 -1.25 0.00	107.30 -1.99 0.00	85.90 -1.65 0.00	87.29 -1.63 0.00	95.47 -1.69 0.00	81.95 -1.34 0.00	72.54 -1.23 0.00	75.45 -1.45 0.00	70.24 -1.44 0.00	58.72 -1.21 0.00	46.22 -0.95 0.00
TELGRAPH_34_KV_EAST 80808	44.51 -3.83 0.00	41.04 -3.96 0.00	38.73 -3.73 0.00	34.01 -3.65 1.00	31.34 -2.98 0.00	38.46 -2.98 0.00	57.84 -5.56 0.00	62.06 -6.39 3.91	62.74 -5.94 0.00	30.78 -3.97 22.98	41.30 -4.30 7.09	35.74 -5.06 20.35	42.60 -5.33 19.08	36.65 -4.49 12.15	69.86 -8.61 30.82	69.32 -7.42 10.82	58.99 -7.27 22.66	76.50 -7.96 12.69	74.53 -6.12 2.63	60.78 -5.33 7.66	67.60 -5.92 3.37	65.07 -5.40 1.21	56.04 -3.89 0.00	44.27 -2.57 0.33
TEMPLE___115KV_TB 2 55572	47.02 -1.32 0.00	43.72 -1.27 0.00	41.27 -1.19 0.00	37.54 -1.11 0.00	33.39 -0.92 0.00	40.42 -1.02 0.00	61.72 -1.68 0.00	70.54 -1.82 0.00	66.95 -1.73 0.00	56.38 -1.34 0.00	51.50 -1.18 0.00	59.71 -1.43 0.00	65.40 -1.61 0.00	52.05 -1.23 0.00	107.35 -1.93 0.00	85.92 -1.64 0.00	87.31 -1.61 0.00	95.51 -1.64 0.00	82.00 -1.29 0.00	72.57 -1.19 0.00	75.48 -1.42 0.00	70.25 -1.43 0.00	58.74 -1.19 0.00	46.24 -0.94 0.00
TIANA____69_KV_BK 1 55817	50.82 2.49 0.00	47.08 2.09 0.00	44.17 1.70 0.00	40.29 1.63 0.00	35.68 1.36 0.00	43.00 1.56 0.00	75.00 2.27 -9.33	86.67 2.53 -11.78	82.28 2.50 -11.10	68.50 2.12 -8.65	55.42 2.34 -0.40	66.64 3.40 -2.10	75.35 3.91 -4.42	57.35 3.30 -0.77	123.03 3.66 -10.09	98.97 3.55 -7.87	107.67 4.11 -14.63	118.93 5.35 -16.43	102.76 4.47 -15.00	88.92 3.53 -11.63	92.74 2.84 -13.00	86.59 2.22 -12.69	70.73 2.06 -8.75	48.57 1.39 0.00

TILDEN___115KV_TB1 80814	47.34 -1.00 0.00	44.02 -0.98 0.00	41.54 -0.93 0.00	38.07 -0.86 -0.27	33.61 -0.71 0.00	40.69 -0.74 0.00	62.17 -1.23 0.00	72.21 -1.31 -1.16	67.43 -1.25 0.00	62.70 -0.96 -5.94	53.72 -0.81 -1.84	64.71 -1.02 -4.57	70.76 -1.19 -4.93	55.56 -0.88 -3.15	116.02 -1.25 -7.99	89.67 -1.05 -3.16	95.41 -1.01 -7.49	100.42 -0.94 -4.21	83.48 -0.68 -0.88	75.66 -0.67 -2.56	77.15 -0.88 -1.13	71.15 -0.94 -0.40	59.14 -0.79 0.00	46.64 -0.65 -0.11
TRIGEN___CC 323695	50.75 2.42 0.00	47.15 2.16 0.00	44.29 1.83 0.00	40.37 1.71 0.00	35.75 1.43 0.00	43.11 1.67 0.00	65.96 2.56 0.00	75.29 2.94 0.00	71.45 2.77 0.00	59.97 2.24 0.00	55.33 2.64 0.00	64.64 3.49 0.00	72.46 3.81 -1.64	57.34 3.11 -0.94	113.66 4.38 0.00	91.19 3.64 0.00	92.69 3.76 0.00	101.88 4.69 -0.03	89.25 3.85 -2.11	76.95 3.16 -0.02	79.53 2.63 0.00	73.95 2.26 0.00	61.97 2.04 0.00	48.58 1.41 0.00
TRINITY___115KV___4 BK 55933	49.26 0.93 0.00	45.97 0.98 0.00	43.41 0.95 0.00	39.64 0.99 0.00	35.11 0.79 0.00	42.29 0.85 0.00	63.92 0.53 0.00	73.21 0.85 0.00	69.37 0.69 0.00	58.22 0.50 0.00	53.08 0.40 0.00	61.76 0.62 0.00	67.65 0.63 0.00	53.91 0.63 0.00	109.82 0.53 0.00	87.86 0.31 0.00	89.10 0.17 0.00	97.40 0.25 0.00	83.39 0.10 0.00	73.82 0.05 0.00	77.02 0.12 0.00	71.82 0.13 0.00	59.93 0.00 0.00	47.19 0.02 0.00
UNION___PROCESSING_DRP 323587	45.88 -2.45 0.00	42.48 -2.52 0.00	40.07 -2.39 0.00	35.64 -2.35 0.66	32.43 -1.88 0.00	39.62 -1.82 0.00	60.09 -3.31 0.00	65.97 -3.79 2.60	65.26 -3.42 0.00	40.48 -2.44 14.80	45.67 -2.59 4.43	46.73 -3.13 11.29	51.31 -3.28 12.42	42.67 -2.67 7.94	84.10 -5.03 20.16	76.13 -4.34 7.08	69.98 -4.23 14.71	84.45 -4.43 8.27	78.26 -3.32 1.71	65.86 -2.94 4.97	71.38 -3.33 2.19	67.86 -3.04 0.79	57.70 -2.23 0.00	45.44 -1.52 0.21
UPPER HUDSON___HYD 24058	50.22 1.88 0.00	46.69 1.69 0.00	43.97 1.51 0.00	40.20 1.55 0.00	35.68 1.36 0.00	43.18 1.74 0.00	65.75 2.35 0.00	75.37 3.01 0.00	71.43 2.75 0.00	59.92 2.19 0.00	54.72 2.04 0.00	63.61 2.46 0.00	69.71 2.69 0.00	55.56 2.28 0.00	113.02 3.73 0.00	90.28 2.73 0.00	91.77 2.84 0.00	100.43 3.28 0.00	86.06 2.77 0.00	76.14 2.38 0.00	79.95 3.05 0.00	74.55 2.87 0.00	61.98 2.04 0.00	48.58 1.41 0.00
UPPER RAQUET___HYD 24056	49.59 1.26 0.00	46.09 1.10 0.00	43.61 1.14 0.00	39.61 0.96 0.00	35.27 0.96 0.00	42.62 1.18 0.00	65.56 2.17 0.00	74.88 2.53 0.00	71.14 2.45 0.00	59.57 1.85 0.00	54.08 1.40 0.00	62.45 1.30 0.00	68.55 1.53 0.00	54.36 1.08 0.00	111.70 2.41 0.00	89.34 1.79 0.00	90.22 1.30 0.00	97.80 0.64 0.00	83.87 0.58 0.00	74.91 1.14 0.00	79.00 2.10 0.00	74.06 2.37 0.00	61.81 1.88 0.00	48.70 1.52 0.00
VALLEY44_115KV_TB2 355964	45.04 -3.29 0.00	41.57 -3.43 0.00	39.31 -3.15 0.00	34.30 -2.99 1.37	31.88 -2.43 0.00	38.95 -2.49 0.00	58.57 -4.83 0.00	60.97 -5.81 5.58	63.07 -5.61 0.00	20.17 -3.75 33.81	38.92 -3.66 10.10	28.47 -4.10 28.58	34.84 -4.43 27.75	31.93 -3.70 17.65	56.84 -7.69 44.76	64.79 -7.23 15.54	48.82 -7.57 32.54	70.92 -8.02 18.22	73.50 -6.00 3.79	57.50 -5.24 11.03	66.26 -5.78 4.86	64.73 -5.20 1.75	56.19 -3.74 0.00	44.08 -2.62 0.47
VALLEY___115KV_TB 1-4 80826	50.43 2.10 0.00	47.06 2.07 0.00	44.44 1.98 0.00	40.49 1.83 0.00	35.95 1.63 0.00	43.49 2.05 0.00	66.29 2.90 0.00	75.46 3.10 0.00	71.49 2.81 0.00	59.95 2.22 0.00	54.65 1.96 0.00	63.44 2.30 0.00	69.22 2.20 0.00	54.95 1.67 0.00	112.19 2.91 0.00	89.94 2.38 0.00	91.80 2.88 0.00	100.92 3.77 0.00	86.58 3.30 0.00	76.59 2.82 0.00	79.64 2.74 0.00	74.02 2.33 0.00	62.02 2.09 0.00	48.70 1.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.17 1.83 0.00	46.78 1.78 0.00	44.14 1.67 0.00	40.09 1.44 0.00	35.37 1.05 0.00	42.98 1.55 0.00	65.94 2.55 0.00	76.33 2.98 -0.98	71.54 2.86 0.00	64.43 2.37 -4.34	55.29 2.31 -0.30	63.80 2.65 0.00	69.90 2.88 0.00	55.54 2.26 0.00	113.78 4.49 0.00	91.14 3.59 0.00	92.64 3.71 0.00	101.56 4.40 0.00	87.15 3.87 0.00	77.11 3.34 0.00	80.03 3.13 0.00	74.33 2.64 0.00	62.12 2.19 0.00	48.82 1.64 0.00
VISCHER___FERRY HYD 24020	49.68 1.34 0.00	46.29 1.29 0.00	43.65 1.19 0.00	39.89 1.23 0.00	35.34 1.03 0.00	42.64 1.20 0.00	64.74 1.34 0.00	74.14 1.79 0.00	70.25 1.56 0.00	59.01 1.29 0.00	53.89 1.21 0.00	62.72 1.58 0.00	68.65 1.64 0.00	54.71 1.43 0.00	111.38 2.09 0.00	89.10 1.55 0.00	90.39 1.46 0.00	98.81 1.66 0.00	84.58 1.29 0.00	74.93 1.16 0.00	78.33 1.43 0.00	73.09 1.41 0.00	60.95 1.02 0.00	47.89 0.71 0.00
V_A_10_SYNC_DSASP 323832	44.39 -3.94 0.00	41.01 -3.99 0.00	38.70 -3.76 0.00	34.16 -3.65 0.85	31.31 -3.01 0.00	38.34 -3.10 0.00	57.72 -5.68 0.00	62.28 -6.71 3.36	62.52 -6.16 0.00	33.45 -4.51 19.76	42.06 -4.57 6.05	38.47 -5.42 17.25	44.78 -5.79 16.46	38.07 -4.73 10.48	73.22 -9.48 26.58	70.21 -8.05 9.29	61.41 -8.07 19.45	77.60 -8.66 10.89	74.30 -6.73 2.25	61.32 -5.88 6.56	67.64 -6.37 2.89	64.92 -5.72 1.04	55.72 -4.21 0.00	44.01 -2.88 0.28
V_CMM_10_SYNC_DSASP 323787	49.19 0.85 0.00	45.70 0.70 0.00	43.14 0.68 0.00	39.23 0.57 0.00	34.89 0.56 0.00	42.14 0.70 0.00	64.74 1.34 0.00	73.76 1.40 0.00	70.13 1.45 0.00	58.85 1.13 0.00	53.56 0.88 0.00	62.00 0.86 0.00	68.04 1.03 0.00	54.00 0.72 0.00	110.66 1.38 0.00	88.94 1.39 0.00	90.40 1.47 0.00	98.50 1.35 0.00	84.50 1.21 0.00	74.96 1.19 0.00	78.35 1.45 0.00	73.15 1.47 0.00	61.13 1.20 0.00	48.21 1.04 0.00
V_CMP_10_SYNC_DSASP 323788	49.35 1.02 0.00	45.88 0.89 0.00	43.36 0.90 0.00	39.45 0.80 0.00	35.09 0.78 0.00	42.46 1.02 0.00	65.28 1.88 0.00	74.44 2.09 0.00	70.70 2.02 0.00	59.20 1.48 0.00	53.74 1.05 0.00	62.09 0.94 0.00	68.06 1.05 0.00	53.96 0.68 0.00	110.83 1.55 0.00	89.04 1.49 0.00	90.68 1.75 0.00	98.73 1.58 0.00	84.76 1.47 0.00	75.18 1.41 0.00	78.63 1.74 0.00	73.35 1.66 0.00	61.23 1.30 0.00	48.26 1.09 0.00
V_D_10_SYNC_DSASP 323841	49.59 1.26 0.00	46.08 1.08 0.00	43.50 1.04 0.00	39.55 0.90 0.00	35.19 0.87 0.00	42.52 1.08 0.00	65.32 1.92 0.00	74.45 2.09 0.00	70.77 2.09 0.00	59.37 1.65 0.00	54.01 1.33 0.00	62.48 1.33 0.00	68.58 1.57 0.00	54.44 1.16 0.00	111.77 2.49 0.00	89.65 2.10 0.00	91.04 2.12 0.00	99.13 1.97 0.00	85.05 1.76 0.00	75.51 1.74 0.00	79.00 2.11 0.00	73.82 2.14 0.00	61.67 1.74 0.00	48.63 1.46 0.00
V_E_10_SYNC_DSASP 323830	49.56 1.23 0.00	46.01 1.01 0.00	43.41 0.95 0.00	40.66 0.58 -1.42	34.96 0.63 0.00	42.65 1.21 0.00	65.59 2.19 0.00	86.45 3.27 -10.83	71.67 2.98 0.00	102.47 2.42 -42.32	68.06 2.51 -12.87	88.93 2.39 -25.39	95.49 2.06 -26.42	71.45 1.30 -16.86	155.37 3.32 -42.76	106.95 3.18 -16.22	129.44 3.81 -36.70	123.09 5.30 -20.63	92.40 4.80 -4.31	89.87 3.56 -12.54	85.70 3.28 -5.53	75.83 2.15 -1.99	61.30 1.37 0.00	49.01 1.30 -0.54

V_F_30_NSYNC___DSASP 323816	50.27 1.93 0.00	46.79 1.79 0.00	44.10 1.63 0.00	40.27 1.61 0.00	35.71 1.39 0.00	43.17 1.73 0.00	65.74 2.35 0.00	75.23 2.87 0.00	71.30 2.61 0.00	59.84 2.11 0.00	54.63 1.94 0.00	63.53 2.39 0.00	69.58 2.57 0.00	55.46 2.17 0.00	113.00 3.71 0.00	90.45 2.90 0.00	91.92 2.99 0.00	100.56 3.41 0.00	86.13 2.84 0.00	76.25 2.48 0.00	79.71 2.81 0.00	74.32 2.64 0.00	61.91 1.98 0.00	48.61 1.44 0.00
V_F_30_SYNC_DSASP 323786	49.49 1.15 0.00	46.17 1.17 0.00	43.59 1.13 0.00	39.81 1.15 0.00	35.26 0.94 0.00	42.47 1.03 0.00	64.19 0.79 0.00	73.54 1.18 0.00	69.68 1.00 0.00	58.47 0.75 0.00	53.30 0.62 0.00	62.04 0.89 0.00	67.96 0.94 0.00	54.15 0.87 0.00	110.27 0.99 0.00	88.27 0.72 0.00	89.57 0.64 0.00	97.89 0.73 0.00	83.77 0.48 0.00	74.17 0.40 0.00	77.33 0.43 0.00	72.09 0.41 0.00	60.16 0.22 0.00	47.35 0.18 0.00
V_XM_10_SYNC_DSASP 323789	49.35 1.02 0.00	45.88 0.89 0.00	43.36 0.90 0.00	39.45 0.80 0.00	35.09 0.78 0.00	42.46 1.02 0.00	65.28 1.88 0.00	74.44 2.09 0.00	70.70 2.02 0.00	59.20 1.48 0.00	53.74 1.05 0.00	62.09 0.94 0.00	68.06 1.05 0.00	53.96 0.68 0.00	110.83 1.55 0.00	89.04 1.49 0.00	90.68 1.75 0.00	98.73 1.58 0.00	84.76 1.47 0.00	75.18 1.41 0.00	78.63 1.74 0.00	73.35 1.66 0.00	61.23 1.30 0.00	48.26 1.09 0.00
W.BABYLN_69_KV_BK1 56697	51.47 3.14 0.00	47.74 2.74 0.00	44.82 2.35 0.00	40.86 2.20 0.00	36.15 1.83 0.00	43.60 2.16 0.00	69.18 3.31 -2.48	79.23 3.74 -3.13	75.35 3.73 -2.95	63.05 3.03 -2.30	56.00 3.21 -0.11	66.17 4.46 -0.56	73.97 4.97 -1.98	57.89 3.95 -0.67	117.64 5.67 -2.68	94.48 4.84 -2.09	97.96 5.15 -3.89	108.04 6.51 -4.38	93.71 5.40 -5.02	81.29 4.43 -3.10	84.23 3.88 -3.45	78.32 3.27 -3.37	65.28 3.03 -2.32	49.23 2.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.58 2.25 0.00	47.08 2.08 0.00	44.31 1.85 0.00	40.35 1.69 0.00	35.78 1.46 0.00	43.23 1.79 0.00	66.37 2.97 0.00	75.75 3.40 0.00	71.65 2.97 0.00	60.23 2.51 0.00	55.28 2.60 0.00	64.41 3.26 0.00	70.65 3.63 0.00	56.23 2.95 0.00	114.30 5.02 0.00	91.42 3.87 0.00	92.93 4.00 0.00	101.85 4.69 0.00	87.20 3.91 0.00	77.05 3.29 0.00	79.78 2.88 0.00	74.23 2.54 0.00	62.02 2.09 0.00	48.63 1.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.81 2.48 0.00	47.20 2.20 0.00	44.43 1.97 0.00	40.48 1.83 0.00	35.91 1.59 0.00	43.36 1.92 0.00	66.46 3.06 0.00	75.95 3.60 0.00	71.77 3.09 0.00	60.42 2.69 0.00	55.55 2.86 0.00	64.80 3.66 0.00	71.08 4.06 0.00	56.60 3.35 0.03	114.89 5.61 0.00	91.85 4.30 0.00	93.22 4.30 0.00	102.10 4.94 0.00	87.36 4.07 0.00	77.10 3.33 0.00	79.66 2.76 0.00	74.04 2.36 0.00	61.91 1.98 0.00	48.61 1.43 0.00
W50THST__13_KV_LOAD 356117	51.07 2.73 0.00	47.44 2.44 0.00	44.64 2.18 0.00	40.67 2.01 0.00	36.10 1.78 0.00	43.59 2.15 0.00	66.84 3.44 0.00	76.39 4.04 0.00	72.22 3.54 0.00	60.83 3.11 0.00	55.94 3.26 0.00	65.27 4.12 0.00	71.58 4.56 0.00	57.01 3.76 0.03	115.72 6.43 0.00	92.49 4.93 0.00	93.84 4.92 0.00	102.76 5.61 0.00	87.89 4.61 0.00	77.53 3.76 0.00	80.04 3.14 0.00	74.39 2.70 0.00	62.17 2.25 0.00	48.82 1.64 0.00
WADING RIVER_IC_1 23522	50.88 2.55 0.00	47.16 2.16 0.00	44.23 1.77 0.00	40.34 1.69 0.00	35.72 1.40 0.00	43.04 1.60 0.00	75.08 2.28 -9.41	86.76 2.53 -11.88	82.37 2.50 -11.19	68.56 2.11 -8.73	55.40 2.31 -0.40	66.68 3.42 -2.12	75.43 3.96 -4.44	57.32 3.27 -0.77	123.12 3.66 -10.18	98.93 3.45 -7.93	107.66 3.98 -14.75	118.95 5.23 -16.57	102.77 4.36 -15.11	88.95 3.45 -11.73	92.80 2.79 -13.11	86.70 2.22 -12.80	70.84 2.09 -8.82	48.63 1.46 0.00
WADING RIVER_IC_2 23547	50.88 2.55 0.00	47.16 2.16 0.00	44.23 1.77 0.00	40.34 1.69 0.00	35.72 1.40 0.00	43.04 1.60 0.00	75.08 2.28 -9.41	86.76 2.53 -11.88	82.37 2.50 -11.19	68.56 2.11 -8.73	55.40 2.31 -0.40	66.68 3.42 -2.12	75.43 3.96 -4.44	57.32 3.27 -0.77	123.12 3.66 -10.18	98.93 3.45 -7.93	107.66 3.98 -14.75	118.95 5.23 -16.57	102.77 4.36 -15.11	88.95 3.45 -11.73	92.80 2.79 -13.11	86.70 2.22 -12.80	70.84 2.09 -8.82	48.63 1.46 0.00
WADING RIVER_IC_3 23601	50.88 2.55 0.00	47.16 2.16 0.00	44.23 1.77 0.00	40.34 1.69 0.00	35.72 1.40 0.00	43.04 1.60 0.00	75.08 2.28 -9.41	86.76 2.53 -11.88	82.37 2.50 -11.19	68.56 2.11 -8.73	55.40 2.31 -0.40	66.68 3.42 -2.12	75.43 3.96 -4.44	57.32 3.27 -0.77	123.12 3.66 -10.18	98.93 3.45 -7.93	107.66 3.98 -14.75	118.95 5.23 -16.57	102.77 4.36 -15.11	88.95 3.45 -11.73	92.80 2.79 -13.11	86.70 2.22 -12.80	70.84 2.09 -8.82	48.63 1.46 0.00
WALDENNY_12_KV_BK2 80841	44.36 -3.97 0.00	40.88 -4.12 0.00	38.61 -3.85 0.00	33.66 -3.75 1.25	31.24 -3.07 0.00	38.35 -3.09 0.00	57.64 -5.75 0.00	60.65 -6.81 4.90	62.38 -6.30 0.00	24.22 -4.33 29.18	39.10 -4.56 9.02	29.49 -5.26 26.40	37.24 -5.63 24.15	33.27 -4.65 15.36	61.16 -9.16 38.97	65.94 -7.95 13.66	52.44 -7.82 28.66	72.79 -8.33 16.03	73.66 -6.29 3.33	58.46 -5.61 9.70	66.47 -6.16 4.27	64.63 -5.52 1.54	55.91 -4.02 0.00	43.99 -2.77 0.41
WALDEN___HYDRO 24148	50.38 2.05 0.00	46.88 1.89 0.00	44.15 1.68 0.00	40.19 1.54 0.00	35.64 1.32 0.00	43.05 1.62 0.00	66.05 2.66 0.00	75.42 3.06 0.00	71.34 2.66 0.00	59.98 2.26 0.00	55.07 2.39 0.00	64.10 2.95 0.00	70.28 3.26 0.00	55.93 2.65 0.00	113.71 4.42 0.00	91.05 3.49 0.00	92.60 3.67 0.00	101.54 4.38 0.00	86.95 3.66 0.00	76.87 3.10 0.00	79.65 2.75 0.00	74.09 2.40 0.00	61.91 1.98 0.00	48.56 1.39 0.00
WARRENSBURG____ 23737	50.22 1.88 0.00	46.68 1.68 0.00	43.98 1.52 0.00	40.20 1.55 0.00	35.68 1.37 0.00	43.18 1.74 0.00	65.75 2.35 0.00	75.37 3.01 0.00	71.43 2.75 0.00	59.91 2.18 0.00	54.72 2.04 0.00	63.60 2.46 0.00	69.71 2.69 0.00	55.56 2.28 0.00	113.01 3.72 0.00	90.28 2.72 0.00	91.75 2.83 0.00	100.44 3.29 0.00	86.06 2.77 0.00	76.14 2.38 0.00	79.94 3.04 0.00	74.55 2.87 0.00	61.98 2.05 0.00	48.58 1.41 0.00
WATERSIDE___6 8 9 23538	50.81 2.48 0.00	47.21 2.22 0.00	44.43 1.97 0.00	40.50 1.84 0.00	35.93 1.61 0.00	43.35 1.91 0.00	66.46 3.06 0.00	75.97 3.62 0.00	71.83 3.15 0.00	60.43 2.71 0.00	55.64 2.95 0.00	64.81 3.67 0.00	71.14 4.12 0.00	57.40 3.44 -0.67	114.91 5.63 0.00	91.83 4.28 0.00	93.24 4.32 0.00	102.12 4.97 0.00	87.40 4.11 0.00	77.07 3.31 0.00	79.62 2.72 0.00	74.00 2.32 0.00	61.87 1.94 0.00	48.62 1.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	49.83 1.49 0.00	46.45 1.45 0.00	43.86 1.39 0.00	39.94 1.29 0.00	35.47 1.15 0.00	42.88 1.44 0.00	65.41 2.01 0.00	74.55 2.19 0.00	70.65 1.96 0.00	59.25 1.53 0.00	54.05 1.36 0.00	62.75 1.60 0.00	68.56 1.55 0.00	54.49 1.21 0.00	111.38 2.09 0.00	89.27 1.72 0.00	91.02 2.09 0.00	99.89 2.74 0.00	85.67 2.38 0.00	75.82 2.06 0.00	78.88 1.98 0.00	73.41 1.72 0.00	61.41 1.48 0.00	48.24 1.06 0.00

WDELAWARE___HYD 323627	49.39 1.06 0.00	45.96 0.97 0.00	43.29 0.82 0.00	39.41 0.75 0.00	34.95 0.64 0.00	42.23 0.79 0.00	64.87 1.47 0.00	74.11 1.75 0.00	70.12 1.44 0.00	58.97 1.25 0.00	54.09 1.41 0.00	62.81 1.66 0.00	68.84 1.82 0.00	54.66 1.38 0.00	111.28 2.00 0.00	89.37 1.82 0.00	91.11 2.19 0.00	99.96 2.81 0.00	85.61 2.32 0.00	75.69 1.92 0.00	78.43 1.53 0.00	72.92 1.24 0.00	60.87 0.94 0.00	47.72 0.55 0.00
WEST BABYLON___IC 23714	51.47 3.14 0.00	47.74 2.74 0.00	44.82 2.35 0.00	40.86 2.20 0.00	36.15 1.83 0.00	43.60 2.16 0.00	69.18 3.31 -2.48	79.23 3.74 -3.13	75.35 3.73 -2.95	63.05 3.03 -2.30	56.00 3.21 -0.11	66.17 4.46 -0.56	73.97 4.97 -1.98	57.89 3.95 -0.67	117.64 5.67 -2.68	94.48 4.84 -2.09	97.96 5.15 -3.89	108.04 6.51 -4.38	93.71 5.40 -5.02	81.29 4.43 -3.10	84.23 3.88 -3.45	78.32 3.27 -3.37	65.28 3.03 -2.32	49.23 2.06 0.00
WEST CANADA___HYD 24049	48.43 0.10 0.00	45.13 0.13 0.00	42.59 0.12 0.00	38.77 0.12 0.00	34.42 0.10 0.00	41.56 0.12 0.00	63.48 0.08 0.00	72.48 0.12 0.00	68.75 0.07 0.00	57.78 0.06 0.00	52.76 0.07 0.00	61.25 0.10 0.00	67.09 0.07 0.00	53.38 0.10 0.00	109.38 0.09 0.00	87.58 0.03 0.00	88.93 0.00 0.00	97.18 0.03 0.00	83.31 0.02 0.00	73.80 0.03 0.00	76.90 0.00 0.00	71.68 0.00 0.00	59.93 0.00 0.00	47.14 -0.03 0.00
WESTERN_NY_WIND 24143	45.58 -2.76 0.00	42.03 -2.96 0.00	39.67 -2.79 0.00	34.92 -2.79 0.94	32.13 -2.18 0.00	39.39 -2.05 0.00	59.43 -3.96 0.00	64.13 -4.53 3.70	64.76 -3.93 0.00	33.45 -2.65 21.62	42.89 -3.12 6.67	38.25 -3.91 18.98	45.09 -3.91 18.03	38.57 -3.23 11.48	74.37 -5.80 29.12	72.29 -5.04 10.22	62.69 -4.84 21.39	80.09 -5.08 11.98	77.03 -3.78 2.48	63.30 -3.24 7.23	69.92 -3.79 3.18	67.02 -3.52 1.15	57.49 -2.44 0.00	45.32 -1.54 0.31
WESTOVER___LESR 323668	47.73 -0.61 0.00	44.35 -0.65 0.00	41.90 -0.57 0.00	37.75 -0.59 0.32	33.82 -0.50 0.00	41.00 -0.44 0.00	62.55 -0.85 0.00	69.48 -1.04 1.84	67.65 -1.04 0.00	50.40 -0.74 6.58	50.02 -0.65 2.02	56.72 -0.67 3.76	60.98 -0.85 5.18	49.25 -0.70 3.33	99.38 -1.50 8.41	82.31 -1.36 3.88	74.91 -1.39 12.62	88.83 -1.25 7.07	81.07 -0.73 1.48	68.68 -0.77 4.31	73.97 -1.03 1.90	69.99 -1.01 0.68	59.19 -0.74 0.00	46.38 -0.61 0.18
WETHRSFD_WT_PWR 323626	43.32 -5.02 0.00	39.90 -5.10 0.00	37.76 -4.71 0.00	32.11 -4.42 2.13	30.80 -3.52 0.00	37.63 -3.81 0.00	56.39 -7.01 0.00	55.95 -8.67 7.74	60.38 -8.30 0.00	6.27 -6.26 45.19	31.08 -6.23 15.38	3.62 -7.19 50.34	21.71 -7.83 37.47	23.45 -6.17 23.66	38.40 -10.81 60.07	56.26 -9.65 21.65	33.61 -9.71 45.60	61.67 -9.92 25.56	70.36 -7.60 5.33	51.26 -7.00 15.51	62.37 -7.70 6.83	62.34 -6.89 2.46	54.52 -5.41 0.00	42.53 -3.98 0.66
WHAVSTOR_138KV_BK127 55557	50.38 2.05 0.00	46.95 1.95 0.00	44.20 1.73 0.00	40.25 1.59 0.00	35.68 1.36 0.00	43.11 1.67 0.00	66.17 2.77 0.00	75.50 3.14 0.00	71.40 2.72 0.00	59.99 2.27 0.00	54.92 2.23 0.00	63.94 2.79 0.00	70.19 3.17 0.00	55.89 2.60 0.00	113.55 4.27 0.00	90.81 3.26 0.00	92.26 3.34 0.00	101.14 3.98 0.00	86.57 3.28 0.00	76.52 2.75 0.00	79.24 2.34 0.00	73.71 2.03 0.00	61.62 1.68 0.00	48.33 1.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.38 2.05 0.00	46.95 1.95 0.00	44.20 1.73 0.00	40.25 1.59 0.00	35.68 1.36 0.00	43.11 1.67 0.00	66.17 2.77 0.00	75.50 3.14 0.00	71.40 2.72 0.00	59.99 2.27 0.00	54.92 2.23 0.00	63.94 2.79 0.00	70.19 3.17 0.00	55.89 2.60 0.00	113.55 4.27 0.00	90.81 3.26 0.00	92.26 3.34 0.00	101.14 3.98 0.00	86.57 3.28 0.00	76.52 2.75 0.00	79.24 2.34 0.00	73.71 2.03 0.00	61.62 1.68 0.00	48.33 1.16 0.00
WHITEHAL_115KV_TB1 80871	51.48 3.14 0.00	47.75 2.75 0.00	44.90 2.44 0.00	41.26 2.60 0.00	36.70 2.38 0.00	44.45 3.01 0.00	67.50 4.10 0.00	77.78 5.42 0.00	73.73 5.05 0.00	61.49 3.76 0.00	56.16 3.47 0.00	65.05 3.90 0.00	71.61 4.59 0.00	57.40 4.12 0.00	115.92 6.63 0.00	92.42 4.87 0.00	93.94 5.01 0.00	102.55 5.39 0.00	88.07 4.78 0.00	77.81 4.04 0.00	82.65 5.75 0.00	77.31 5.63 0.00	63.70 3.76 0.00	49.78 2.61 0.00
WHITEPLN_13_KV_LOAD 356215	50.86 2.52 0.00	47.29 2.29 0.00	44.51 2.04 0.00	40.53 1.87 0.00	35.95 1.63 0.00	43.43 1.99 0.00	66.63 3.23 0.00	76.12 3.77 0.00	72.00 3.32 0.00	60.56 2.84 0.00	55.67 2.99 0.00	64.93 3.79 0.00	71.19 4.18 0.00	56.66 3.37 0.00	115.08 5.79 0.00	92.12 4.56 0.00	93.59 4.66 0.00	102.64 5.48 0.00	87.85 4.56 0.00	77.57 3.80 0.00	80.25 3.35 0.00	74.60 2.92 0.00	62.33 2.40 0.00	48.89 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	50.93 2.59 0.00	47.21 2.22 0.00	44.28 1.82 0.00	40.39 1.73 0.00	35.75 1.44 0.00	43.07 1.63 0.00	74.66 2.31 -8.95	86.21 2.55 -11.30	81.86 2.53 -10.65	68.13 2.10 -8.31	55.39 2.31 -0.38	66.53 3.37 -2.01	75.25 3.96 -4.28	57.32 3.28 -0.76	122.65 3.67 -9.69	98.57 3.46 -7.55	106.90 3.93 -14.04	118.13 5.21 -15.77	102.07 4.33 -14.45	88.38 3.45 -11.16	92.17 2.79 -12.48	86.09 2.22 -12.18	70.42 2.10 -8.39	48.67 1.50 0.00
WOODARD__115KV_TB2 355635	46.97 -1.36 0.00	43.69 -1.30 0.00	41.23 -1.23 0.00	37.52 -1.13 0.00	33.37 -0.95 0.00	40.38 -1.06 0.00	61.66 -1.74 0.00	70.47 -1.89 0.00	66.89 -1.80 0.00	56.30 -1.43 0.00	51.44 -1.25 0.00	59.63 -1.52 0.00	65.28 -1.73 0.00	51.98 -1.30 0.00	107.18 -2.10 0.00	85.81 -1.74 0.00	87.20 -1.72 0.00	95.39 -1.76 0.00	81.89 -1.40 0.00	72.49 -1.28 0.00	75.40 -1.49 0.00	70.18 -1.51 0.00	58.69 -1.24 0.00	46.21 -0.97 0.00
WOODMERE_69_KV_BK1 55827	51.23 2.90 0.00	47.58 2.58 0.00	44.68 2.21 0.00	40.71 2.06 0.00	36.06 1.74 0.00	43.50 2.06 0.00	66.57 3.18 0.00	76.02 3.66 0.00	72.10 3.42 0.00	60.44 2.71 0.00	55.86 3.18 0.00	65.31 4.15 0.00	73.03 4.51 -1.49	57.78 3.64 -0.86	114.79 5.51 0.00	92.08 4.53 0.00	93.63 4.70 0.00	102.80 5.62 -0.02	90.04 4.82 -1.93	77.80 4.02 -0.01	80.47 3.57 0.00	74.74 3.06 0.00	62.61 2.68 0.00	49.06 1.89 0.00
YORK___WARBASSE 23770	50.94 2.61 0.00	47.34 2.34 0.00	44.54 2.08 0.00	40.59 1.93 0.00	36.01 1.70 0.00	43.44 2.00 0.00	66.62 3.22 0.00	76.12 3.76 0.00	71.95 3.27 0.00	60.50 2.78 0.00	55.71 3.03 0.00	64.84 3.69 0.00	71.21 4.19 0.00	57.50 3.54 -0.67	114.90 5.62 0.00	91.92 4.37 0.00	93.38 4.46 0.00	102.31 5.16 0.00	87.53 4.24 0.00	77.24 3.48 0.00	79.79 2.90 0.00	74.17 2.48 0.00	62.06 2.13 0.00	48.77 1.60 0.00