

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/07/2025

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	78.94	77.38	73.01	56.51	54.65	54.35	75.07	78.14	67.02	43.13	51.16	41.50	43.06	42.78	43.53	51.79	80.18	108.01	83.34	95.16	94.91	117.67	113.73	94.16
24138	3.35	3.20	2.71	2.05	1.87	1.99	2.97	3.28	3.12	2.09	2.77	2.38	2.43	2.45	2.52	2.92	4.16	6.26	4.97	6.03	6.01	6.55	5.57	4.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.99	-1.49	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	-0.69	-2.28	0.00	0.00	-7.05
74TH STREET_GT_1	78.94	77.36	73.00	56.53	54.69	54.39	75.09	78.18	67.04	43.14	51.16	41.50	43.08	42.82	43.58	51.82	80.23	108.12	83.45	95.31	95.02	117.82	113.83	94.24
24260	3.34	3.18	2.71	2.07	1.91	2.03	2.99	3.32	3.14	2.10	2.77	2.39	2.44	2.49	2.57	2.94	4.22	6.36	5.08	6.19	6.12	6.71	5.67	4.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.99	-1.49	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	-0.69	-2.28	0.00	0.00	-7.05
74TH STREET_GT_2	78.94	77.36	73.00	56.53	54.69	54.39	75.09	78.18	67.04	43.14	51.16	41.50	43.08	42.82	43.58	51.82	80.23	108.12	83.45	95.31	95.02	117.82	113.83	94.24
24261	3.34	3.18	2.71	2.07	1.91	2.03	2.99	3.32	3.14	2.10	2.77	2.39	2.44	2.49	2.57	2.94	4.22	6.36	5.08	6.19	6.12	6.71	5.67	4.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.99	-1.49	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	-0.69	-2.28	0.00	0.00	-7.05
ADK HUDSON___FALLS	81.43	79.85	75.72	58.92	57.15	56.77	78.44	148.76	83.99	44.59	52.57	42.47	44.06	43.71	44.52	53.01	82.59	111.42	85.90	104.36	119.12	120.95	117.09	164.76
24011	5.83	5.67	5.43	4.46	4.36	4.41	6.34	6.34	5.71	3.55	4.18	3.35	3.42	3.38	3.47	4.14	6.58	9.66	7.53	8.62	8.23	9.84	8.93	6.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-74.55	-15.86	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	-7.30	-24.27	0.00	0.00	-75.09
ADK RESOURCE___RCVRY	81.65	80.04	75.91	59.25	57.48	57.12	78.94	149.72	84.48	44.77	52.74	42.64	44.20	43.88	44.68	53.25	83.00	112.09	86.43	105.09	119.85	121.54	117.57	165.53
23798	6.05	5.86	5.62	4.79	4.69	4.76	6.84	6.88	6.11	3.73	4.34	3.52	3.56	3.55	3.63	4.38	6.98	10.33	8.07	9.31	8.81	10.43	9.41	7.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-74.97	-15.95	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	-7.34	-24.42	0.00	0.00	-75.54
ADK S GLENS___FALLS	81.43	79.85	75.72	58.92	57.15	56.77	78.44	148.76	83.99	44.59	52.57	42.47	44.06	43.71	44.52	53.01	82.59	111.42	85.90	104.36	119.12	120.95	117.09	164.76
24028	5.83	5.67	5.43	4.46	4.36	4.41	6.34	6.34	5.71	3.55	4.18	3.35	3.42	3.38	3.47	4.14	6.58	9.66	7.53	8.62	8.23	9.84	8.93	6.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-74.55	-15.86	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	-7.30	-24.27	0.00	0.00	-75.09
ADK_NYS___DAM	80.31	78.82	74.62	57.81	55.98	55.44	76.36	124.92	77.62	43.64	51.54	41.76	43.38	43.04	43.83	52.20	80.65	108.63	83.80	99.91	110.10	118.73	115.18	140.93
23527	4.71	4.65	4.33	3.35	3.20	3.08	4.27	4.26	3.97	2.60	3.15	2.64	2.74	2.71	2.79	3.33	4.64	6.88	5.43	6.37	6.52	7.62	7.02	5.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-52.79	-11.23	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	-5.10	-16.96	0.00	0.00	-52.47
AIR_PRODUCTS___DRP	77.74	76.34	72.35	56.03	54.27	53.64	73.49	104.32	71.34	42.11	49.82	40.34	41.94	41.61	42.31	50.15	77.86	104.33	80.29	94.66	101.63	114.24	110.96	123.29
24190	2.14	2.17	2.05	1.57	1.49	1.28	1.39	1.59	1.51	1.07	1.42	1.22	1.30	1.28	1.26	1.28	1.84	2.58	1.92	2.54	2.77	3.13	2.80	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-34.86	-7.42	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	-3.68	-12.25	0.00	0.00	-37.90
AKWESSNE_115KV_BK	76.96	75.37	71.42	55.37	53.57	53.30	73.37	68.70	63.03	41.70	49.12	39.62	41.16	40.83	41.50	49.43	76.87	102.20	78.33	88.15	86.39	111.65	109.58	83.93
355683	1.36	1.19	1.13	0.91	0.78	0.94	1.27	0.82	0.62	0.66	0.72	0.50	0.53	0.50	0.44	0.56	0.85	0.45	-0.04	-0.29	-0.23	0.54	1.42	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	80.81	79.37	75.26	58.31	56.51	55.87	76.67	99.98	72.26	43.46	51.29	41.49	43.06	42.53	43.22	51.40	80.48	108.60	83.58	97.42	102.58	118.43	115.08	118.93
323833	5.21	5.19	4.97	3.85	3.72	3.51	4.57	4.42	3.95	2.42	2.89	2.38	2.42	2.20	2.18	2.53	4.47	6.85	5.21	6.02	6.14	7.33	6.93	5.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-27.68	-5.89	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	-2.96	-9.83	0.00	0.00	-30.41
ALBANY_2_SOLAR	80.81	79.37	75.24	58.31	56.50	55.86	76.65	99.98	72.24	43.46	51.29	41.48	43.05	42.53	43.22	51.40	80.47	108.59	83.58	97.41	102.58	118.43	115.07	118.93
323834	5.21	5.19	4.94	3.85	3.71	3.51	4.55	4.42	3.93	2.42	2.89	2.37	2.42	2.20	2.18	2.53	4.45	6.84	5.21	6.02	6.13	7.32	6.91	5.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-27.68	-5.89	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	-2.96	-9.83	0.00	0.00	-30.41
ALBANY___1	77.74	76.34	72.35	56.03	54.27	53.64	73.49	104.32	71.34	42.11	49.82	40.34	41.94	41.61	42.31	50.15	77.86	104.33	80.29	94.66	101.63	114.24	110.96	123.29
23571	2.14	2.17	2.05	1.57	1.49	1.28	1.39	1.59	1.51	1.07	1.42	1.22	1.30	1.28	1.26	1.28	1.84	2.58	1.92	2.54	2.77	3.13	2.80	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-34.86	-7.42	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	-3.68	-12.25	0.00	0.00	-37.90

ALBANY___2 23572	77.74 2.14 0.00	76.34 2.17 0.00	72.35 2.05 0.00	56.03 1.57 0.00	54.27 1.49 0.00	53.64 1.28 0.00	73.49 1.39 0.00	104.32 1.59 -34.86	71.34 1.51 -7.42	42.11 1.07 0.00	49.82 1.42 0.00	40.34 1.22 0.00	41.94 1.30 0.00	41.61 1.28 0.00	42.31 1.26 0.10	50.15 1.28 0.00	77.86 1.84 0.00	104.33 2.58 0.00	80.29 1.92 0.00	94.66 2.54 -3.68	101.63 2.77 -12.25	114.24 3.13 0.00	110.96 2.80 0.00	123.29 2.64 -37.90
ALBANY___3 23573	77.74 2.14 0.00	76.34 2.17 0.00	72.35 2.05 0.00	56.03 1.57 0.00	54.27 1.49 0.00	53.64 1.28 0.00	73.49 1.39 0.00	104.32 1.59 -34.86	71.34 1.51 -7.42	42.11 1.07 0.00	49.82 1.42 0.00	40.34 1.22 0.00	41.94 1.30 0.00	41.61 1.28 0.00	42.31 1.26 0.10	50.15 1.28 0.00	77.86 1.84 0.00	104.33 2.58 0.00	80.29 1.92 0.00	94.66 2.54 -3.68	101.63 2.77 -12.25	114.24 3.13 0.00	110.96 2.80 0.00	123.29 2.64 -37.90
ALBANY___4 23574	77.74 2.14 0.00	76.34 2.17 0.00	72.35 2.05 0.00	56.03 1.57 0.00	54.27 1.49 0.00	53.64 1.28 0.00	73.49 1.39 0.00	104.32 1.59 -34.86	71.34 1.51 -7.42	42.11 1.07 0.00	49.82 1.42 0.00	40.34 1.22 0.00	41.94 1.30 0.00	41.61 1.28 0.00	42.31 1.26 0.10	50.15 1.28 0.00	77.86 1.84 0.00	104.33 2.58 0.00	80.29 1.92 0.00	94.66 2.54 -3.68	101.63 2.77 -12.25	114.24 3.13 0.00	110.96 2.80 0.00	123.29 2.64 -37.90
ALBANY___LFGE 323615	78.33 2.73 0.00	76.92 2.75 0.00	72.86 2.56 0.00	56.44 1.97 0.00	54.67 1.89 0.00	54.07 1.72 0.00	74.20 2.10 0.00	117.67 2.26 -47.54	74.67 2.14 -10.12	42.49 1.45 0.00	50.27 1.88 0.00	40.69 1.58 0.00	42.32 1.68 0.00	42.00 1.67 0.00	42.72 1.67 0.10	50.64 1.77 0.00	78.74 2.73 0.00	105.57 3.81 0.00	81.23 2.87 0.00	96.77 3.56 -4.77	106.20 3.71 -15.86	115.34 4.23 0.00	111.98 3.82 0.00	135.19 3.35 -49.09
ALCOA_PA_115KV_PL-6C 55860	77.58 1.98 0.00	75.95 1.78 0.00	72.01 1.72 0.00	55.83 1.37 0.00	54.01 1.23 0.00	53.77 1.41 0.00	74.05 1.95 0.00	69.07 1.20 0.00	63.36 0.94 0.00	42.03 0.99 0.00	49.51 1.12 0.00	39.94 0.82 0.00	41.50 0.86 0.00	41.17 0.84 0.00	41.83 0.78 0.10	49.81 0.94 0.00	77.14 1.13 0.00	102.51 0.76 0.00	78.57 0.20 0.00	88.40 -0.04 0.00	86.69 0.08 0.00	112.20 1.09 0.00	110.19 2.03 0.00	84.62 1.87 0.00
ALCOA_RYNLDS___DRP 24188	77.58 1.98 0.00	75.95 1.78 0.00	72.01 1.72 0.00	55.83 1.37 0.00	54.01 1.23 0.00	53.77 1.41 0.00	74.05 1.95 0.00	69.07 1.20 0.00	63.36 0.94 0.00	42.03 0.99 0.00	49.51 1.12 0.00	39.94 0.82 0.00	41.50 0.86 0.00	41.17 0.84 0.00	41.83 0.78 0.10	49.81 0.94 0.00	77.14 1.13 0.00	102.51 0.76 0.00	78.57 0.20 0.00	88.40 -0.04 0.00	86.69 0.08 0.00	112.20 1.09 0.00	110.19 2.03 0.00	84.62 1.87 0.00
ALCOA___DSASP 323711	77.58 1.98 0.00	75.95 1.78 0.00	72.01 1.72 0.00	55.83 1.37 0.00	54.01 1.23 0.00	53.77 1.41 0.00	74.05 1.95 0.00	69.07 1.20 0.00	63.36 0.94 0.00	42.03 0.99 0.00	49.51 1.12 0.00	39.94 0.82 0.00	41.50 0.86 0.00	41.17 0.84 0.00	41.83 0.78 0.10	49.81 0.94 0.00	77.14 1.13 0.00	102.51 0.76 0.00	78.57 0.20 0.00	88.40 -0.04 0.00	86.67 0.06 0.00	112.19 1.09 0.00	110.19 2.03 0.00	84.61 1.86 0.00
ALLEGHENY___COGEN 23514	66.75 -5.71 3.14	68.83 -5.35 0.00	65.34 -4.95 0.00	50.69 -3.77 0.00	49.59 -3.20 0.00	49.80 -2.56 0.00	68.44 -3.66 0.00	64.19 -3.80 -0.12	63.81 -3.90 -5.29	37.97 -3.07 0.00	48.54 -4.55 -4.70	36.89 -4.35 -2.12	35.83 -4.80 0.00	36.56 -4.69 -0.92	45.69 -4.86 -9.40	52.83 -5.49 -9.45	69.01 -7.13 -0.12	96.90 -4.85 0.00	76.09 -2.27 0.00	83.96 -3.84 0.63	81.71 -4.19 0.72	94.53 -5.99 10.59	96.02 -5.59 6.55	73.56 -4.31 4.88
ALTAMONT_115KV_TB 2 55880	77.80 2.20 0.00	76.43 2.25 0.00	72.43 2.13 0.00	56.09 1.63 0.00	54.34 1.56 0.00	53.73 1.37 0.00	73.95 1.85 0.00	97.36 1.94 -27.55	70.11 1.83 -5.86	42.20 1.16 0.00	49.86 1.47 0.00	40.35 1.23 0.00	41.96 1.32 0.00	41.64 1.31 0.00	42.39 1.34 0.10	50.41 1.54 0.00	78.28 2.27 0.00	105.14 3.39 0.00	81.03 2.66 0.00	94.48 3.20 -2.84	99.32 3.24 -9.46	114.75 3.64 0.00	111.38 3.22 0.00	114.67 2.67 -29.26
ALTONA_WT_PWR 323606	76.07 0.47 0.00	74.27 0.10 0.00	70.20 -0.10 0.00	54.33 -0.13 0.00	52.44 -0.35 0.00	52.33 -0.03 0.00	71.91 -0.19 0.00	52.23 -0.43 15.22	-23.35 -0.80 84.97	-10.56 -0.32 51.29	8.15 -0.42 39.83	28.71 -0.43 9.97	40.22 -0.41 0.00	39.97 -0.36 0.00	40.74 -0.33 0.08	48.79 -0.08 0.00	76.28 0.26 0.00	102.29 0.54 0.00	78.34 -0.02 0.00	87.79 -0.65 0.00	86.06 -0.56 0.00	110.99 -0.12 0.00	109.28 1.12 0.00	83.93 1.18 0.00
AMERICAN_REF_FUEL 24010	64.67 -9.08 1.86	65.53 -8.65 0.00	62.49 -7.81 0.00	48.49 -5.97 0.00	47.32 -5.46 0.00	47.41 -4.95 0.00	64.03 -8.07 0.00	58.97 -8.87 0.03	53.11 -8.00 1.30	35.82 -5.22 0.00	39.79 -6.17 2.44	33.09 -5.49 0.54	34.77 -5.86 0.00	34.26 -5.83 0.24	31.59 -5.65 3.91	40.06 -6.47 2.34	66.16 -9.82 0.03	88.85 -12.90 0.00	69.04 -9.33 0.00	75.22 -12.49 0.73	72.95 -12.84 0.83	82.61 -16.34 12.16	86.25 -14.40 7.51	66.13 -11.02 5.60
ARKWRIGHT___SUMMIT_WT_PWR 323751	65.08 -8.16 2.36	66.40 -7.77 0.00	63.38 -6.91 0.00	48.86 -5.61 0.00	47.80 -4.99 0.00	47.99 -4.37 0.00	65.43 -6.67 0.00	60.98 -6.86 0.03	54.73 -6.36 1.32	36.90 -4.14 0.00	40.46 -5.24 2.70	33.95 -4.62 0.55	35.68 -4.95 0.00	35.21 -4.88 0.24	32.40 -4.83 3.92	41.23 -5.25 2.39	68.68 -7.30 0.03	93.48 -8.27 0.00	72.84 -5.52 0.00	79.90 -7.86 0.67	77.31 -8.54 0.77	88.80 -11.05 11.26	91.10 -10.10 6.96	70.06 -7.50 5.19
ARTHUR KILL_GT_1 23520	78.49 2.89 0.00	77.16 2.99 0.00	72.78 2.49 0.00	56.17 1.71 0.00	56.51 1.65 -2.07	59.09 1.88 -4.85	74.78 2.57 -0.11	77.69 2.83 -6.99	67.81 2.63 -2.76	55.36 1.69 -12.63	55.56 2.21 -4.96	55.03 2.00 -13.91	55.36 2.19 -12.54	55.24 2.23 -12.68	55.36 2.30 -11.91	58.42 2.61 -6.94	80.23 3.62 -0.60	107.26 5.66 0.15	142.36 4.76 -59.24	249.46 5.88 -155.14	153.06 5.71 -60.73	117.12 6.01 0.00	112.85 4.69 0.00	93.48 3.69 -7.05
ARTHUR_KILL_2 23512	78.28 2.68 0.00	76.97 2.79 0.00	72.59 2.30 0.00	56.01 1.56 0.00	56.35 1.49 -2.07	58.93 1.72 -4.85	74.55 2.34 -0.11	77.49 2.63 -6.99	67.63 2.46 -2.76	55.26 1.59 -12.63	55.47 2.11 -4.96	54.95 1.92 -13.91	55.28 2.11 -12.54	55.16 2.15 -12.68	55.26 2.21 -11.91	58.29 2.48 -6.94	80.00 3.39 -0.60	106.91 5.31 0.15	142.10 4.49 -59.24	249.15 5.57 -155.14	152.76 5.42 -60.73	116.74 5.63 0.00	112.50 4.34 0.00	93.23 3.43 -7.05
ARTHUR_KILL_3 23513	63.39 2.38 14.59	63.80 2.21 12.59	57.32 1.75 14.72	55.79 1.33 0.00	56.13 1.19 -2.16	58.71 1.29 -5.07	64.33 1.90 9.67	71.11 2.31 -0.93	63.92 2.17 0.67	55.47 1.48 -12.95	55.48 2.03 -5.05	55.56 1.81 -14.63	55.56 1.83 -13.09	55.56 1.89 -13.34	55.56 1.94 -12.47	58.37 2.20 -7.30	70.07 3.02 8.96	100.33 4.78 6.20	79.82 3.82 2.38	86.53 4.83 6.73	91.72 4.83 -0.27	113.20 5.07 2.98	105.22 4.14 7.08	91.39 3.30 -5.34

ARTHUR_KILL_COGEN 323718	78.49 2.89 0.00	77.16 2.99 0.00	72.78 2.49 0.00	56.17 1.71 0.00	56.51 1.65 -2.07	59.09 1.88 -4.85	74.78 2.57 -0.11	77.69 2.83 -6.99	67.81 2.63 -2.76	55.36 1.69 -12.63	55.56 2.21 -4.96	55.03 2.00 -13.91	55.36 2.19 -12.54	55.24 2.23 -12.68	55.36 2.30 -11.91	58.42 2.61 -6.94	80.23 3.62 -0.60	107.26 5.66 0.15	142.36 4.76 -59.24	249.46 5.88 -155.14	153.06 5.71 -60.73	117.12 6.01 0.00	112.85 4.69 0.00	93.48 3.69 -7.05
ASHOKAN____ 23654	80.84 5.24 0.00	79.35 5.17 0.00	75.12 4.83 0.00	58.19 3.73 0.00	56.38 3.59 0.00	55.81 3.45 0.00	76.94 4.84 0.00	92.66 4.60 -20.18	71.37 4.66 -4.30	43.99 2.95 0.00	51.67 3.27 0.00	41.66 2.54 0.00	43.32 2.69 0.00	42.96 2.63 0.00	43.59 2.56 0.12	52.34 3.47 0.00	81.83 5.81 0.00	110.89 9.14 0.00	85.63 7.26 0.00	98.93 8.35 -2.14	101.76 8.03 -7.11	120.83 9.72 0.00	117.04 8.88 0.00	111.22 6.49 -21.98
ASTORIA_EAST_ENERGY_CC1 323581	78.61 3.01 0.00	77.07 2.90 0.00	72.67 2.38 0.00	56.26 1.81 0.00	54.40 1.61 0.00	54.10 1.75 0.00	74.69 2.59 0.00	77.80 2.94 -6.99	66.70 2.79 -1.49	42.90 1.86 0.00	50.92 2.53 0.00	41.24 2.12 0.00	42.85 2.22 0.00	42.69 2.36 0.00	43.35 2.34 0.14	51.49 2.61 0.00	79.79 3.78 0.00	107.60 5.85 0.00	83.11 4.74 0.00	94.93 5.81 -0.69	94.60 5.70 -2.28	117.15 6.04 0.00	113.13 4.97 0.00	93.67 3.87 -7.05
ASTORIA_EAST_ENERGY_CC2 323582	78.61 3.01 0.00	77.07 2.90 0.00	72.67 2.38 0.00	56.26 1.81 0.00	54.40 1.61 0.00	54.10 1.75 0.00	74.69 2.59 0.00	77.80 2.94 -6.99	66.70 2.79 -1.49	42.90 1.86 0.00	50.92 2.53 0.00	41.24 2.12 0.00	42.85 2.22 0.00	42.69 2.36 0.00	43.34 2.33 0.14	51.49 2.61 0.00	79.79 3.78 0.00	107.60 5.85 0.00	83.11 4.74 0.00	94.93 5.81 -0.69	94.60 5.70 -2.28	117.15 6.04 0.00	113.13 4.97 0.00	93.67 3.87 -7.05
ASTORIA_GT2_1 24094	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT2_2 24095	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT2_3 24096	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT2_4 24097	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT3_1 24098	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT3_2 24099	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT3_3 24100	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT3_4 24101	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT4_1 24102	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT4_2 24103	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT4_3 24104	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05

ASTORIA_GT4_4 24105	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.65 0.00	77.84 2.98 -6.99	66.75 2.85 -1.49	42.91 1.87 0.00	50.95 2.56 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.36 2.35 0.14	51.52 2.65 0.00	79.83 3.82 0.00	107.65 5.90 0.00	83.14 4.77 0.00	94.97 5.85 -0.69	94.65 5.75 -2.28	117.24 6.13 0.00	113.19 5.03 0.00	93.72 3.92 -7.05
ASTORIA_GT_1 23523	78.78 3.18 0.00	77.24 3.06 0.00	72.84 2.55 0.00	56.39 1.93 0.00	54.52 1.74 0.00	54.22 1.86 0.00	74.89 2.79 0.00	77.98 3.12 -6.99	66.88 2.98 -1.49	43.02 1.98 0.00	51.06 2.67 0.00	41.34 2.22 0.00	42.96 2.32 0.00	42.79 2.46 0.00	43.44 2.43 0.14	51.63 2.76 0.00	80.01 3.99 0.00	107.88 6.13 0.00	83.33 4.96 0.00	95.18 6.06 -0.69	94.83 5.94 -2.28	117.43 6.32 0.00	113.41 5.25 0.00	93.87 4.07 -7.05
ASTORIA_GT_10 24110	78.57 2.97 0.00	77.01 2.84 0.00	72.66 2.37 0.00	56.25 1.79 0.00	54.40 1.61 0.00	54.08 1.72 0.00	74.65 2.55 0.00	77.74 2.88 -6.99	66.64 2.73 -1.49	42.91 1.86 0.00	50.92 2.53 0.00	41.27 2.15 0.00	42.83 2.20 0.00	42.56 2.23 0.00	43.30 2.29 0.14	51.43 2.55 0.00	79.60 3.59 0.00	107.26 5.50 0.00	82.83 4.46 0.00	94.69 5.57 -0.69	94.53 5.63 -2.28	117.18 6.07 0.00	113.25 5.08 0.00	93.80 4.01 -7.05
ASTORIA_GT_11 24225	78.57 2.97 0.00	77.01 2.84 0.00	72.66 2.37 0.00	56.25 1.79 0.00	54.40 1.61 0.00	54.08 1.72 0.00	74.65 2.55 0.00	77.74 2.88 -6.99	66.64 2.73 -1.49	42.91 1.86 0.00	50.92 2.53 0.00	41.27 2.15 0.00	42.83 2.20 0.00	42.56 2.23 0.00	43.30 2.29 0.14	51.43 2.55 0.00	79.60 3.59 0.00	107.26 5.50 0.00	82.83 4.46 0.00	94.69 5.57 -0.69	94.53 5.63 -2.28	117.18 6.07 0.00	113.25 5.08 0.00	93.80 4.01 -7.05
ASTORIA_GT_12 24226	78.57 2.97 0.00	77.01 2.84 0.00	72.66 2.37 0.00	56.25 1.79 0.00	54.40 1.61 0.00	54.08 1.72 0.00	74.65 2.55 0.00	77.74 2.88 -6.99	66.64 2.73 -1.49	42.91 1.86 0.00	50.92 2.53 0.00	41.27 2.15 0.00	42.83 2.20 0.00	42.56 2.23 0.00	43.30 2.29 0.14	51.43 2.55 0.00	79.60 3.59 0.00	107.26 5.50 0.00	82.83 4.46 0.00	94.69 5.57 -0.69	94.53 5.63 -2.28	117.18 6.07 0.00	113.25 5.08 0.00	93.80 4.01 -7.05
ASTORIA_GT_13 24227	78.57 2.97 0.00	77.01 2.84 0.00	72.66 2.37 0.00	56.25 1.79 0.00	54.40 1.61 0.00	54.08 1.72 0.00	74.65 2.55 0.00	77.74 2.88 -6.99	66.64 2.73 -1.49	42.91 1.86 0.00	50.92 2.53 0.00	41.27 2.15 0.00	42.83 2.20 0.00	42.56 2.23 0.00	43.30 2.29 0.14	51.43 2.55 0.00	79.60 3.59 0.00	107.26 5.50 0.00	82.83 4.46 0.00	94.69 5.57 -0.69	94.53 5.63 -2.28	117.18 6.07 0.00	113.25 5.08 0.00	93.80 4.01 -7.05
ASTORIA_GT_5 24106	78.79 3.19 0.00	77.24 3.06 0.00	72.84 2.55 0.00	56.38 1.92 0.00	54.52 1.74 0.00	54.22 1.86 0.00	74.89 2.79 0.00	77.98 3.12 -6.99	66.88 2.98 -1.49	43.02 1.98 0.00	51.07 2.68 0.00	41.35 2.22 0.00	42.96 2.33 0.00	42.79 2.46 0.00	43.46 2.45 0.14	51.63 2.76 0.00	80.01 4.00 0.00	107.88 6.13 0.00	83.32 4.95 0.00	95.19 6.06 -0.69	94.84 5.95 -2.28	117.48 6.37 0.00	113.42 5.26 0.00	93.88 4.09 -7.05
ASTORIA_GT_7 24107	78.79 3.19 0.00	77.24 3.06 0.00	72.84 2.55 0.00	56.38 1.92 0.00	54.52 1.74 0.00	54.22 1.86 0.00	74.89 2.79 0.00	77.98 3.12 -6.99	66.88 2.98 -1.49	43.02 1.98 0.00	51.07 2.68 0.00	41.35 2.22 0.00	42.96 2.33 0.00	42.79 2.46 0.00	43.46 2.45 0.14	51.63 2.76 0.00	80.01 4.00 0.00	107.88 6.13 0.00	83.32 4.95 0.00	95.19 6.06 -0.69	94.84 5.95 -2.28	117.48 6.37 0.00	113.42 5.26 0.00	93.88 4.09 -7.05
ASTORIA_GT_8 24108	78.79 3.19 0.00	77.24 3.06 0.00	72.84 2.55 0.00	56.38 1.92 0.00	54.52 1.74 0.00	54.22 1.86 0.00	74.89 2.79 0.00	77.98 3.12 -6.99	66.88 2.98 -1.49	43.02 1.98 0.00	51.07 2.68 0.00	41.35 2.22 0.00	42.96 2.33 0.00	42.79 2.46 0.00	43.46 2.45 0.14	51.63 2.76 0.00	80.01 4.00 0.00	107.88 6.13 0.00	83.32 4.95 0.00	95.19 6.06 -0.69	94.84 5.95 -2.28	117.48 6.37 0.00	113.42 5.26 0.00	93.88 4.09 -7.05
ASTORIA___2 24149	78.65 3.05 0.00	77.11 2.93 0.00	72.72 2.43 0.00	56.28 1.82 0.00	54.42 1.64 0.00	54.12 1.76 0.00	74.74 2.64 0.00	77.84 2.98 -6.99	66.74 2.83 -1.49	42.92 1.88 0.00	50.94 2.54 0.00	41.25 2.13 0.00	42.87 2.23 0.00	42.71 2.38 0.00	43.35 2.34 0.14	51.51 2.64 0.00	79.82 3.80 0.00	107.65 5.89 0.00	83.14 4.77 0.00	94.98 5.86 -0.69	94.63 5.74 -2.28	117.18 6.07 0.00	113.17 5.01 0.00	93.71 3.91 -7.05
ASTORIA___3 23516	78.55 2.95 0.00	77.01 2.83 0.00	72.66 2.37 0.00	56.26 1.80 0.00	54.39 1.61 0.00	54.07 1.72 0.00	74.65 2.56 0.00	77.73 2.87 -6.99	66.64 2.73 -1.49	42.91 1.87 0.00	50.92 2.52 0.00	41.27 2.15 0.00	42.83 2.19 0.00	42.56 2.23 0.00	43.28 2.27 0.14	51.42 2.55 0.00	79.58 3.57 0.00	107.24 5.49 0.00	82.82 4.45 0.00	94.70 5.57 -0.69	94.51 5.61 -2.28	117.15 6.04 0.00	113.24 5.08 0.00	93.80 4.01 -7.05
ASTORIA___4 23517	78.57 2.97 0.00	77.01 2.83 0.00	72.66 2.37 0.00	56.25 1.79 0.00	54.40 1.61 0.00	54.07 1.71 0.00	74.65 2.55 0.00	77.73 2.87 -6.99	66.64 2.73 -1.49	42.91 1.86 0.00	50.92 2.53 0.00	41.27 2.15 0.00	42.83 2.20 0.00	42.56 2.23 0.00	43.30 2.29 0.14	51.43 2.55 0.00	79.59 3.58 0.00	107.25 5.49 0.00	82.82 4.45 0.00	94.69 5.57 -0.69	94.53 5.63 -2.28	117.18 6.07 0.00	113.25 5.08 0.00	93.80 4.01 -7.05
ASTORIA___5 23518	78.55 2.95 0.00	77.02 2.84 0.00	72.66 2.37 0.00	56.26 1.80 0.00	54.39 1.61 0.00	54.07 1.72 0.00	74.65 2.56 0.00	77.73 2.87 -6.99	66.64 2.73 -1.49	42.91 1.87 0.00	50.92 2.52 0.00	41.27 2.15 0.00	42.83 2.19 0.00	42.56 2.23 0.00	43.28 2.27 0.14	51.42 2.55 0.00	79.59 3.58 0.00	107.25 5.50 0.00	82.82 4.46 0.00	94.70 5.57 -0.69	94.51 5.61 -2.28	117.15 6.04 0.00	113.24 5.08 0.00	93.80 4.01 -7.05
AST_ENERGY_2_CC3 323677	78.10 2.50 0.00	76.55 2.37 0.00	72.21 1.92 0.00	55.93 1.47 0.00	54.08 1.29 0.00	53.77 1.41 0.00	74.20 2.10 0.00	77.32 2.46 -6.99	66.26 2.36 -1.49	42.63 1.59 0.00	50.61 2.21 0.00	41.11 1.99 0.00	42.65 2.02 0.00	42.40 2.07 0.00	43.13 2.12 0.14	51.25 2.37 0.00	79.27 3.25 0.00	106.79 5.04 0.00	82.46 4.09 0.00	94.40 5.28 -0.69	94.18 5.28 -2.28	116.72 5.61 0.00	112.74 4.57 0.00	93.45 3.65 -7.05
AST_ENERGY_2_CC4 323678	78.10 2.50 0.00	76.55 2.37 0.00	72.21 1.92 0.00	55.93 1.47 0.00	54.08 1.29 0.00	53.77 1.41 0.00	74.20 2.10 0.00	77.32 2.46 -6.99	66.26 2.36 -1.49	42.63 1.59 0.00	50.61 2.21 0.00	41.11 1.99 0.00	42.65 2.02 0.00	42.40 2.07 0.00	43.13 2.12 0.14	51.25 2.37 0.00	79.27 3.25 0.00	106.79 5.04 0.00	82.46 4.09 0.00	94.40 5.28 -0.69	94.18 5.28 -2.28	116.72 5.61 0.00	112.74 4.57 0.00	93.45 3.65 -7.05

ATHENS_STG_1 23668	77.80 2.21 0.00	76.46 2.28 0.00	72.42 2.12 0.00	56.07 1.61 0.00	54.30 1.51 0.00	53.67 1.32 0.00	73.94 1.84 0.00	75.17 2.01 -5.29	65.45 1.90 -1.13	42.24 1.20 0.00	49.93 1.54 0.00	40.43 1.31 0.00	42.04 1.41 0.00	41.74 1.41 0.00	42.49 1.47 0.13	50.51 1.64 0.00	78.46 2.45 0.00	105.51 3.76 0.00	81.40 3.03 0.00	92.61 3.66 -0.52	92.00 3.64 -1.74	115.05 3.94 0.00	111.51 3.34 0.00	90.87 2.74 -5.38
ATHENS_STG_2 23670	77.80 2.21 0.00	76.46 2.28 0.00	72.42 2.12 0.00	56.07 1.61 0.00	54.30 1.51 0.00	53.67 1.32 0.00	73.94 1.84 0.00	75.17 2.01 -5.29	65.45 1.90 -1.13	42.24 1.20 0.00	49.93 1.54 0.00	40.43 1.31 0.00	42.04 1.41 0.00	41.74 1.41 0.00	42.49 1.47 0.13	50.51 1.64 0.00	78.46 2.45 0.00	105.51 3.76 0.00	81.40 3.03 0.00	92.61 3.66 -0.52	92.00 3.64 -1.74	115.05 3.94 0.00	111.51 3.34 0.00	90.87 2.74 -5.38
ATHENS_STG_3 23677	77.80 2.21 0.00	76.46 2.28 0.00	72.42 2.12 0.00	56.07 1.61 0.00	54.30 1.51 0.00	53.67 1.32 0.00	73.94 1.84 0.00	75.17 2.01 -5.29	65.45 1.90 -1.13	42.24 1.20 0.00	49.93 1.54 0.00	40.43 1.31 0.00	42.04 1.41 0.00	41.74 1.41 0.00	42.49 1.47 0.13	50.51 1.64 0.00	78.46 2.45 0.00	105.51 3.76 0.00	81.40 3.03 0.00	92.61 3.66 -0.52	92.00 3.64 -1.74	115.05 3.94 0.00	111.51 3.34 0.00	90.87 2.74 -5.38
AUBURN___LFGE 323710	74.02 -2.07 -0.49	72.17 -2.01 0.00	68.50 -1.80 0.00	52.99 -1.46 0.00	51.58 -1.20 0.00	51.37 -0.99 0.00	70.81 -1.29 0.00	66.65 -1.23 -0.01	61.70 -1.10 -0.38	40.02 -1.03 0.00	47.43 -1.58 -0.61	37.90 -1.35 -0.13	39.11 -1.52 0.00	38.97 -1.42 -0.05	39.08 -1.46 0.61	47.80 -1.73 -0.66	74.17 -1.86 -0.01	100.24 -1.51 0.00	77.76 -0.61 0.00	87.02 -1.13 0.29	84.91 -1.38 0.33	104.00 -2.30 4.81	102.79 -2.40 2.97	78.47 -2.06 2.21
BABYLON_RES_REC 323704	80.31 4.71 0.00	78.71 4.54 0.00	74.25 3.96 0.00	57.37 2.91 0.00	55.57 2.79 0.00	55.31 2.95 0.00	76.32 4.23 0.00	79.32 4.46 -6.99	67.89 3.98 -1.49	43.50 2.45 0.00	52.73 3.43 -0.90	42.30 2.80 -0.39	43.34 2.70 0.00	42.84 2.51 0.00	43.68 2.67 0.14	52.38 3.50 0.00	81.50 5.49 0.00	163.03 8.20 -53.07	165.05 6.60 -80.08	139.89 7.88 -43.58	117.98 7.72 -23.64	119.64 8.53 0.00	115.37 7.21 0.00	96.46 5.82 -7.90
BABYLON__69_KV_BK2 356345	81.16 5.56 0.00	79.52 5.34 0.00	74.99 4.70 0.00	57.93 3.48 0.00	56.14 3.35 0.00	55.91 3.55 0.00	77.19 5.09 0.00	80.15 5.29 -6.99	68.61 4.70 -1.49	43.91 2.86 0.00	53.26 3.96 -0.90	42.71 3.21 -0.39	43.75 3.12 0.00	43.25 2.92 0.00	44.12 3.11 0.14	52.97 4.10 0.00	82.45 6.44 0.00	164.36 9.54 -53.07	166.14 7.69 -80.08	141.09 9.07 -43.58	119.12 8.86 -23.64	121.08 9.97 0.00	116.68 8.52 0.00	97.42 6.77 -7.90
BALL_HILL_WT_PWR 323825	65.53 -7.89 2.18	66.68 -7.50 0.00	63.62 -6.67 0.00	49.10 -5.36 0.00	48.01 -4.78 0.00	48.13 -4.23 0.00	65.51 -6.59 0.00	60.89 -6.94 0.04	54.26 -6.41 1.75	36.86 -4.18 0.00	40.07 -5.21 3.12	33.86 -4.53 0.72	35.77 -4.86 0.00	35.19 -4.83 0.32	31.54 -4.82 4.79	40.42 -5.31 3.14	68.47 -7.51 0.04	92.78 -8.98 0.00	72.28 -6.09 0.00	79.14 -8.60 0.69	76.77 -9.06 0.79	87.76 -11.76 11.59	90.60 -10.40 7.16	69.48 -7.93 5.33
BARON_WINDS___WT_PWR 323822	64.27 -7.36 3.97	67.33 -6.84 0.00	63.83 -6.46 0.00	49.37 -5.10 0.00	48.33 -4.45 0.00	48.32 -4.04 0.00	66.28 -5.82 0.00	63.67 -6.11 -1.91	48.62 -5.65 8.14	37.09 -3.96 0.00	31.21 -5.02 12.17	31.51 -4.07 3.54	36.33 -4.30 0.00	34.55 -4.23 1.55	17.91 -4.55 18.69	28.39 -5.02 15.46	69.03 -6.78 0.20	94.63 -7.12 0.00	74.07 -4.30 0.00	82.40 -5.73 0.30	80.81 -5.92 -0.11	94.17 -8.40 8.54	95.04 -7.84 5.27	75.08 -5.87 1.79
BARRETT_IC_1 23704	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.69 5.67 -43.58	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_10 23701	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.68 5.67 -43.57	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_11 23702	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.68 5.67 -43.57	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_12 23703	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.68 5.67 -43.57	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_2 23705	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.69 5.67 -43.58	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_3 23706	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.69 5.67 -43.58	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_4 23707	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.69 5.67 -43.58	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90

BARRETT_IC_5 23708	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.69 5.67 -43.58	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_6 23709	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.69 5.67 -43.58	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_7 23710	78.99 3.39 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.67 0.00	77.83 2.97 -6.99	66.72 2.82 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.92 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.03 2.02 0.14	51.42 2.55 0.00	79.83 3.82 0.00	160.46 5.63 -53.07	163.03 4.58 -80.08	137.68 5.66 -43.58	116.08 5.81 -23.64	117.41 6.30 0.00	113.35 5.18 0.00	95.27 4.62 -7.90
BARRETT_IC_8 23711	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.69 5.67 -43.58	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT_IC_9 23700	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.68 5.67 -43.57	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT___1 23545	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.69 5.67 -43.58	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BARRETT___2 23546	78.98 3.38 0.00	77.48 3.31 0.00	73.10 2.81 0.00	56.48 2.02 0.00	54.67 1.89 0.00	54.30 1.94 0.00	74.76 2.66 0.00	77.83 2.97 -6.99	66.71 2.81 -1.49	42.79 1.75 0.00	51.95 2.65 -0.90	41.93 2.42 -0.39	42.96 2.32 0.00	42.23 1.90 0.00	43.02 2.01 0.14	51.42 2.54 0.00	79.83 3.82 0.00	160.45 5.63 -53.07	163.03 4.58 -80.08	137.68 5.67 -43.57	116.07 5.80 -23.64	117.36 6.25 0.00	113.31 5.15 0.00	95.25 4.60 -7.90
BATAVIA__115KV_TB1 55881	68.66 -5.40 1.55	69.01 -5.16 0.00	65.75 -4.55 0.00	51.00 -3.46 0.00	49.79 -2.99 0.00	49.96 -2.40 0.00	68.18 -3.92 0.00	63.32 -4.53 0.02	57.23 -4.25 0.93	37.97 -3.07 0.00	42.45 -4.10 1.86	34.96 -3.77 0.39	36.57 -4.06 0.00	36.01 -4.15 0.17	33.93 -4.04 3.19	42.81 -4.38 1.68	70.23 -5.77 0.02	95.33 -6.42 0.00	74.14 -4.23 0.00	81.12 -6.56 0.76	78.73 -7.03 0.86	89.34 -9.13 12.63	92.44 -7.91 7.80	70.71 -6.22 5.81
BAYONEEC___CTG1 323682	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BAYONEEC___CTG10 323750	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BAYONEEC___CTG2 323683	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BAYONEEC___CTG3 323684	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BAYONEEC___CTG4 323685	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BAYONEEC___CTG5 323686	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BAYONEEC___CTG6 323687	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05

BAYONEEC___CTG7 323688	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BAYONEEC___CTG8 323689	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BAYONEEC___CTG9 323749	78.31 2.71 0.00	76.75 2.58 0.00	72.41 2.12 0.00	56.09 1.63 0.00	54.23 1.45 0.00	53.92 1.56 0.00	74.40 2.31 0.00	77.52 2.67 -6.99	66.42 2.52 -1.49	42.75 1.71 0.00	50.71 2.31 0.00	41.13 2.01 0.00	42.70 2.07 0.00	42.44 2.11 0.00	43.18 2.17 0.14	51.35 2.47 0.00	79.44 3.43 0.00	107.02 5.27 0.00	82.63 4.26 0.00	94.42 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.80 4.64 0.00	93.48 3.69 -7.05
BEACON___LESR 323632	78.75 3.15 0.00	77.02 2.84 0.00	73.14 2.85 0.00	56.63 2.17 0.00	54.84 2.05 0.00	54.42 2.06 0.00	74.62 2.52 0.00	105.36 2.44 -35.05	72.27 2.39 -7.46	42.66 1.62 0.00	50.40 2.00 0.00	40.79 1.67 0.00	42.47 1.84 0.00	42.13 1.80 0.00	42.85 1.80 0.10	50.89 2.01 0.00	79.27 3.26 0.00	106.42 4.67 0.00	81.90 3.53 0.00	96.52 4.30 -3.78	103.57 4.38 -12.57	116.14 5.02 0.00	112.83 4.67 0.00	125.59 3.95 -38.89
BEAVER RIVER___HYD 24048	75.23 -0.37 0.00	73.50 -0.68 0.00	69.85 -0.45 0.00	54.78 0.32 0.00	52.78 -0.01 0.00	52.55 0.19 0.00	73.01 0.91 0.00	68.17 0.30 0.00	62.52 0.10 0.00	40.93 -0.11 0.00	48.14 -0.26 0.00	38.91 -0.20 0.00	40.64 0.01 0.00	40.48 0.15 0.00	40.82 0.24 0.57	48.63 -0.24 0.00	75.73 -0.28 0.00	101.57 -0.18 0.00	78.21 -0.16 0.00	87.94 -0.43 0.07	86.72 0.18 0.08	111.27 1.41 1.25	108.28 0.90 0.77	82.68 0.51 0.57
BEEBEE_GT_13 23619	69.59 -4.96 1.06	69.36 -4.81 0.00	65.95 -4.34 0.00	51.16 -3.30 0.00	49.85 -2.94 0.00	49.85 -2.51 0.00	68.33 -3.77 0.00	63.89 -3.98 0.01	58.42 -3.73 0.27	38.53 -2.51 0.00	44.34 -3.22 0.84	36.23 -2.77 0.12	37.63 -3.01 0.00	37.26 -3.02 0.05	36.15 -3.11 1.89	44.94 -3.43 0.49	71.47 -4.54 0.01	96.23 -5.53 0.00	74.58 -3.79 0.00	82.16 -5.47 0.81	79.92 -5.78 0.92	90.21 -7.41 13.48	93.17 -6.66 8.33	71.28 -5.26 6.21
BENSHRST_27_KV_BENSHRST_1 355998	79.26 3.66 0.00	77.75 3.57 0.00	73.33 3.03 0.00	56.72 2.25 0.00	56.97 2.12 -2.07	59.51 2.29 -4.85	75.53 3.31 -0.11	78.45 3.59 -6.99	68.58 3.40 -2.76	57.78 2.26 -14.48	61.21 2.94 -9.88	55.57 2.54 -13.91	55.84 2.67 -12.54	55.71 2.70 -12.68	55.83 2.77 -11.91	58.97 3.15 -6.94	81.12 4.51 -0.60	110.15 6.81 -1.59	143.16 5.53 -59.26	250.36 6.78 -155.14	154.01 6.67 -60.73	118.48 7.37 0.00	114.32 6.17 0.00	94.56 4.77 -7.05
BETHLEHEM___GRP 23843	77.74 2.14 0.00	76.34 2.17 0.00	72.35 2.05 0.00	56.03 1.57 0.00	54.27 1.49 0.00	53.64 1.28 0.00	73.49 1.39 0.00	104.32 1.59 -34.86	71.34 1.51 -7.42	42.11 1.07 0.00	49.82 1.42 0.00	40.34 1.22 0.00	41.94 1.30 0.00	41.61 1.28 0.00	42.31 1.26 0.10	50.15 1.28 0.00	77.86 1.84 0.00	104.33 2.58 0.00	80.29 1.92 0.00	94.66 2.54 -3.68	101.63 2.77 -12.25	114.24 3.13 0.00	110.96 2.80 0.00	123.29 2.64 -37.90
BETHLEHEM___GS1 323560	77.74 2.14 0.00	76.34 2.17 0.00	72.35 2.05 0.00	56.03 1.57 0.00	54.27 1.48 0.00	53.64 1.28 0.00	73.49 1.39 0.00	104.32 1.59 -34.86	71.34 1.50 -7.42	42.11 1.07 0.00	49.82 1.42 0.00	40.34 1.22 0.00	41.94 1.30 0.00	41.61 1.28 0.00	42.31 1.26 0.10	50.15 1.28 0.00	77.86 1.84 0.00	104.34 2.58 0.00	80.28 1.92 0.00	94.65 2.53 -3.68	101.63 2.77 -12.25	114.23 3.12 0.00	110.95 2.79 0.00	123.28 2.63 -37.90
BETHLEHEM___GS2 323561	77.74 2.14 0.00	76.34 2.17 0.00	72.35 2.05 0.00	56.03 1.57 0.00	54.27 1.48 0.00	53.64 1.28 0.00	73.49 1.39 0.00	104.32 1.59 -34.86	71.34 1.50 -7.42	42.11 1.07 0.00	49.82 1.42 0.00	40.34 1.22 0.00	41.94 1.30 0.00	41.61 1.28 0.00	42.31 1.26 0.10	50.15 1.28 0.00	77.86 1.84 0.00	104.34 2.58 0.00	80.28 1.92 0.00	94.65 2.53 -3.68	101.63 2.77 -12.25	114.23 3.12 0.00	110.95 2.79 0.00	123.28 2.63 -37.90
BETHLEHEM___GS3 323562	77.74 2.14 0.00	76.34 2.17 0.00	72.35 2.05 0.00	56.03 1.57 0.00	54.27 1.48 0.00	53.64 1.28 0.00	73.49 1.39 0.00	104.32 1.59 -34.86	71.34 1.50 -7.42	42.11 1.07 0.00	49.82 1.42 0.00	40.34 1.22 0.00	41.94 1.30 0.00	41.61 1.28 0.00	42.31 1.26 0.10	50.15 1.28 0.00	77.86 1.84 0.00	104.34 2.58 0.00	80.28 1.92 0.00	94.65 2.53 -3.68	101.63 2.77 -12.25	114.23 3.12 0.00	110.95 2.79 0.00	123.28 2.63 -37.90
BETHLEHEM___STEEL 23779	65.94 -7.51 2.15	66.96 -7.21 0.00	63.85 -6.45 0.00	49.44 -5.01 0.00	48.34 -4.45 0.00	48.45 -3.91 0.00	65.86 -6.24 0.00	61.06 -6.78 0.04	54.50 -6.28 1.64	36.99 -4.05 0.00	40.37 -5.05 2.97	34.03 -4.41 0.67	35.98 -4.66 0.00	35.38 -4.65 0.30	31.83 -4.76 4.56	40.70 -5.23 2.94	68.56 -7.41 0.04	92.55 -9.20 0.00	72.09 -6.28 0.00	78.82 -8.92 0.70	76.52 -9.31 0.79	87.36 -12.14 11.60	90.39 -10.60 7.17	69.36 -8.04 5.34
BETHLHEM_115KV_TB1 79974	77.72 2.12 0.00	76.33 2.16 0.00	72.34 2.04 0.00	56.02 1.57 0.00	54.26 1.48 0.00	53.63 1.27 0.00	73.54 1.44 0.00	102.49 1.61 -33.01	70.98 1.54 -7.02	42.11 1.07 0.00	49.80 1.41 0.00	40.33 1.21 0.00	41.92 1.29 0.00	41.61 1.28 0.00	42.31 1.26 0.10	50.20 1.32 0.00	77.92 1.91 0.00	104.47 2.72 0.00	80.38 2.02 0.00	94.57 2.65 -3.48	101.05 2.85 -11.59	114.27 3.16 0.00	110.99 2.83 0.00	121.20 2.61 -35.85
BETHPAGE_CC_5 323564	79.42 3.83 0.00	77.90 3.72 0.00	73.49 3.19 0.00	56.79 2.34 0.00	55.00 2.21 0.00	54.71 2.35 0.00	75.39 3.29 0.00	78.41 3.55 -6.99	67.17 3.26 -1.49	43.04 2.00 0.00	52.23 2.93 -0.90	41.95 2.44 -0.39	43.00 2.36 0.00	42.48 2.15 0.00	43.30 2.29 0.14	51.86 2.99 0.00	80.61 4.60 0.00	161.71 6.89 -53.07	164.02 5.57 -80.08	138.74 6.73 -43.58	116.86 6.60 -23.64	118.24 7.13 0.00	114.06 5.90 0.00	95.51 4.86 -7.90
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	66.11 -7.30 2.20	67.17 -7.00 0.00	64.02 -6.27 0.00	49.60 -4.86 0.00	48.49 -4.30 0.00	48.61 -3.75 0.00	66.09 -6.01 0.00	61.33 -6.51 0.04	54.85 -6.03 1.54	37.15 -3.89 0.00	40.67 -4.84 2.88	34.25 -4.23 0.64	36.15 -4.48 0.00	35.57 -4.48 0.28	32.22 -4.58 4.36	41.09 -5.02 2.77	68.91 -7.07 0.04	93.07 -8.68 0.00	72.50 -5.87 0.00	79.30 -8.45 0.69	76.98 -8.85 0.78	87.94 -11.67 11.49	90.92 -10.14 7.10	69.73 -7.72 5.29

BINGHAMTON___COGEN 23790	72.52 -1.97 1.10	72.23 -1.94 0.00	68.55 -1.75 0.00	53.01 -1.45 0.00	51.59 -1.19 0.00	51.27 -1.09 0.00	70.66 -1.43 0.00	69.78 -1.34 -3.25	61.90 -1.21 -0.69	40.07 -0.97 0.00	46.92 -1.20 0.28	38.24 -0.96 -0.08	39.56 -1.07 0.00	39.32 -1.04 -0.03	39.53 -1.10 0.52	47.69 -1.19 0.00	74.41 -1.60 0.00	100.35 -1.41 0.00	77.80 -0.57 0.00	87.43 -1.04 -0.03	86.18 -1.17 -0.73	104.35 -1.89 4.87	103.12 -2.03 3.01	82.19 -1.61 -1.05
BIXINCNT_115KV_LOAD 355685	64.04 -9.10 2.46	65.48 -8.69 0.00	62.28 -8.02 0.00	48.49 -5.97 0.00	47.31 -5.47 0.00	47.47 -4.88 0.00	64.62 -7.48 0.00	62.05 -7.50 -1.68	55.04 -6.70 0.67	36.66 -4.38 0.00	40.68 -5.32 2.40	34.18 -4.51 0.43	35.88 -4.75 0.00	35.42 -4.72 0.19	32.98 -4.86 3.31	41.85 -5.15 1.87	68.87 -7.12 0.02	93.98 -7.78 0.00	73.80 -4.57 0.00	81.29 -6.66 0.49	79.31 -7.13 0.19	90.04 -10.10 10.96	92.85 -8.54 6.78	72.96 -6.47 3.32
BLACK RIVER___HYD 24047	74.79 -0.81 0.00	73.12 -1.05 0.00	69.48 -0.82 0.00	54.26 -0.20 0.00	52.49 -0.29 0.00	52.43 0.07 0.00	72.86 0.76 0.00	68.27 0.40 0.00	62.52 0.11 0.00	40.68 -0.36 0.00	47.69 -0.71 0.00	38.49 -0.64 0.00	40.10 -0.54 0.00	39.92 -0.40 0.00	39.97 -0.34 0.84	48.36 -0.51 0.00	75.70 -0.32 0.00	102.03 0.28 0.00	78.72 0.36 0.00	88.46 0.02 0.00	87.10 0.48 0.00	112.65 1.54 0.00	108.86 0.70 0.00	82.83 0.09 0.00
BLACKRVR_115KV_TB2 79977	74.79 -0.81 0.00	73.12 -1.05 0.00	69.48 -0.82 0.00	54.26 -0.20 0.00	52.49 -0.29 0.00	52.43 0.07 0.00	72.86 0.76 0.00	68.27 0.40 0.00	62.52 0.11 0.00	40.68 -0.36 0.00	47.69 -0.71 0.00	38.48 -0.63 0.00	40.09 -0.54 0.00	39.92 -0.41 0.00	39.97 -0.34 0.84	48.36 -0.51 0.00	75.70 -0.32 0.00	102.03 0.28 0.00	78.72 0.35 0.00	88.46 0.02 0.00	87.09 0.47 0.00	112.63 1.53 0.00	108.86 0.70 0.00	82.83 0.09 0.00
BLISS_WT_PWR 323608	63.18 -9.96 2.46	64.68 -9.50 0.00	61.47 -8.82 0.00	47.92 -6.55 0.00	46.72 -6.07 0.00	46.89 -5.47 0.00	63.83 -8.27 0.00	61.38 -8.17 -1.68	54.46 -7.28 0.67	36.28 -4.77 0.00	40.27 -5.73 2.40	33.83 -4.86 0.43	35.54 -5.10 0.00	35.09 -5.05 0.19	32.67 -5.17 3.31	41.55 -5.45 1.87	68.49 -7.50 0.02	93.76 -7.99 0.00	73.75 -4.62 0.00	81.25 -6.69 0.49	79.27 -7.16 0.19	89.89 -10.26 10.96	92.75 -8.64 6.78	72.83 -6.61 3.32
BLUESTONE___WT_PWR 323821	76.22 -0.42 -1.04	72.87 -1.31 0.00	69.11 -1.18 0.00	52.43 -2.03 0.00	50.92 -1.87 0.00	50.85 -1.51 0.00	70.43 -1.67 0.00	72.48 -1.30 -5.91	62.58 -1.31 -1.47	39.85 -1.19 0.00	47.46 -1.69 -0.75	37.93 -1.28 -0.09	39.21 -1.42 0.00	38.87 -1.50 -0.04	39.28 -1.51 0.37	47.53 -1.35 0.00	75.64 -0.38 0.00	103.43 1.67 0.00	80.57 2.20 0.00	90.43 1.65 -0.34	89.67 1.39 -1.67	109.22 2.17 4.06	107.08 1.42 2.51	87.92 1.04 -4.13
BLUE_CIRC_CHEM_DRP 24182	80.58 4.98 0.00	79.14 4.97 0.00	75.03 4.74 0.00	58.14 3.68 0.00	56.34 3.56 0.00	55.70 3.34 0.00	76.42 4.33 0.00	99.72 4.20 -27.65	72.06 3.75 -5.88	43.37 2.33 0.00	51.19 2.80 0.00	41.43 2.31 0.00	43.00 2.36 0.00	42.51 2.18 0.00	43.17 2.13 0.11	51.30 2.42 0.00	80.23 4.21 0.00	108.16 6.40 0.00	83.22 4.85 0.00	97.04 5.65 -2.95	102.20 5.77 -9.82	117.98 6.87 0.00	114.64 6.48 0.00	118.56 5.44 -30.37
BOC_GAS_DRP 24189	77.46 1.86 0.00	76.11 1.94 0.00	72.12 1.83 0.00	55.85 1.39 0.00	54.09 1.31 0.00	53.47 1.11 0.00	73.50 1.40 0.00	92.06 1.52 -22.67	68.69 1.45 -4.82	41.99 0.95 0.00	49.63 1.24 0.00	40.18 1.06 0.00	41.78 1.14 0.00	41.46 1.14 0.00	42.21 1.16 0.10	50.13 1.26 0.00	77.85 1.83 0.00	104.50 2.75 0.00	80.53 2.17 0.00	93.48 2.67 -2.37	97.26 2.75 -7.89	114.12 3.01 0.00	110.78 2.62 0.00	109.45 2.28 -24.42
BOONVILLE_115KV_TB1 79983	76.49 0.89 0.00	74.94 0.76 0.00	71.12 0.82 0.00	55.48 1.02 0.00	53.59 0.81 0.00	53.27 0.91 0.00	73.81 1.72 0.00	69.30 1.42 0.00	63.66 1.25 0.00	41.74 0.69 0.00	49.19 0.80 0.00	39.74 0.62 0.00	41.41 0.77 0.00	41.21 0.88 0.00	41.71 0.97 0.42	49.75 0.88 0.00	77.50 1.49 0.00	103.92 2.16 0.00	80.09 1.72 0.00	90.11 1.79 0.12	88.43 1.94 0.13	111.99 2.81 1.93	109.20 2.23 1.20	83.40 1.55 0.89
BORALEX_4TH_BRANCH 23824	80.31 4.71 0.00	78.82 4.65 0.00	74.62 4.33 0.00	57.81 3.35 0.00	55.98 3.20 0.00	55.44 3.09 0.00	76.37 4.27 0.00	124.92 4.26 -52.79	77.63 3.98 -11.23	43.63 2.60 0.00	51.54 3.15 0.00	41.76 2.64 0.00	43.38 2.75 0.00	43.04 2.71 0.00	43.83 2.78 0.11	52.20 3.33 0.00	80.66 4.64 0.00	108.63 6.88 0.00	83.80 5.43 0.00	99.91 6.38 -5.10	110.10 6.52 -16.96	118.75 7.64 0.00	115.18 7.02 0.00	140.94 5.72 -52.47
BOWLINE___1 23526	77.65 2.05 0.00	76.18 2.01 0.00	71.94 1.65 0.00	55.67 1.22 0.00	53.88 1.09 0.00	53.53 1.17 0.00	73.85 1.74 0.00	76.69 2.06 -6.75	65.77 1.92 -1.44	42.24 1.20 0.00	50.00 1.61 0.00	40.53 1.41 0.00	42.09 1.45 0.00	41.81 1.48 0.00	42.56 1.56 0.15	50.71 1.84 0.00	78.62 2.61 0.00	105.91 4.16 0.00	81.72 3.35 0.00	93.30 4.20 -0.66	93.00 4.18 -2.20	115.42 4.32 0.00	111.65 3.49 0.00	92.35 2.78 -6.82
BOWLINE___2 23595	77.78 2.18 0.00	76.27 2.10 0.00	72.06 1.76 0.00	55.76 1.30 0.00	53.95 1.17 0.00	53.61 1.25 0.00	73.94 1.84 0.00	76.80 2.18 -6.75	65.87 2.02 -1.44	42.31 1.26 0.00	50.07 1.68 0.00	40.58 1.46 0.00	42.14 1.51 0.00	41.87 1.54 0.00	42.62 1.62 0.15	50.77 1.90 0.00	78.75 2.73 0.00	106.08 4.33 0.00	81.84 3.48 0.00	93.43 4.33 -0.66	93.12 4.30 -2.20	115.59 4.48 0.00	111.79 3.63 0.00	92.48 2.91 -6.82
BRADY___115KV_TB2 356060	78.57 2.97 0.00	76.90 2.73 0.00	72.89 2.60 0.00	56.54 2.08 0.00	54.70 1.91 0.00	54.53 2.17 0.00	75.22 3.12 0.00	70.14 2.26 0.00	64.24 1.82 0.00	42.57 1.53 0.00	50.08 1.68 0.00	40.43 1.31 0.00	42.02 1.39 0.00	41.68 1.35 0.00	42.33 1.33 0.14	50.38 1.51 0.00	77.93 1.91 0.00	103.60 1.84 0.00	79.41 1.05 0.00	89.29 0.85 0.00	87.66 1.04 0.00	113.66 2.55 0.00	111.71 3.55 0.00	85.78 3.03 0.00
BRANSCOMB___SOLAR 323811	80.28 4.68 0.00	78.80 4.62 0.00	74.67 4.38 0.00	57.95 3.49 0.00	56.16 3.37 0.00	55.72 3.36 0.00	76.90 4.81 0.00	143.69 4.78 -71.04	81.90 4.37 -15.12	43.78 2.74 0.00	51.65 3.25 0.00	41.78 2.65 0.00	43.40 2.77 0.00	43.03 2.70 0.00	43.84 2.79 0.10	52.17 3.30 0.00	81.17 5.16 0.00	109.33 7.57 0.00	84.28 5.91 0.00	102.15 6.79 -6.93	116.26 6.60 -23.04	118.92 7.81 0.00	115.24 7.08 0.00	159.60 5.56 -71.29
BRENTWOD_69_KV_W. BRTWOOD 56703	81.11 5.51 0.00	79.45 5.27 0.00	74.92 4.63 0.00	57.89 3.44 0.00	56.09 3.30 0.00	55.84 3.48 0.00	77.11 5.01 0.00	80.02 5.16 -6.99	68.43 4.52 -1.49	43.75 2.71 0.00	53.21 3.91 -0.90	42.70 3.19 -0.39	43.73 3.09 0.00	43.22 2.89 0.00	44.07 3.06 0.14	52.90 4.03 0.00	82.28 6.26 0.00	163.98 9.15 -53.07	165.83 7.38 -80.08	140.79 8.77 -43.58	118.82 8.55 -23.64	120.67 9.56 0.00	116.38 8.22 0.00	97.19 6.54 -7.90

BRISTLHL_115KV_TB1 79998	72.09 -3.50 0.00	70.74 -3.44 0.00	67.11 -3.19 0.00	51.97 -2.49 0.00	50.49 -2.29 0.00	50.19 -2.17 0.00	69.15 -2.95 0.00	65.09 -2.78 0.00	59.87 -2.55 0.00	39.26 -1.78 0.00	46.24 -2.15 0.00	37.38 -1.74 0.00	38.78 -1.85 0.00	38.49 -1.84 0.00	37.85 -1.89 1.41	46.70 -2.17 0.00	72.84 -3.18 0.00	97.99 -3.76 0.00	75.70 -2.67 0.00	85.20 -3.35 -0.10	83.31 -3.42 -0.12	108.23 -4.63 -1.75	104.56 -4.68 -1.08	79.89 -3.66 -0.81
BROOKHAVEN___DRP 24191	80.64 5.04 0.00	79.10 4.92 0.00	74.56 4.27 0.00	57.62 3.16 0.00	55.84 3.05 0.00	55.65 3.29 0.00	76.78 4.68 0.00	79.72 4.86 -6.99	68.15 4.24 -1.49	43.60 2.55 0.00	52.83 3.53 -0.90	42.32 2.81 -0.39	43.28 2.65 0.00	42.79 2.46 0.00	43.69 2.68 0.14	52.53 3.66 0.00	81.93 5.92 0.00	163.52 8.70 -53.08	165.33 6.88 -80.08	140.29 8.27 -43.58	118.31 8.05 -23.64	119.98 8.87 0.00	115.59 7.43 0.00	96.58 5.94 -7.90
BROOKLYN_NAVY_YARD 23515	78.44 2.84 0.00	76.85 2.67 0.00	72.50 2.20 0.00	56.18 1.72 0.00	54.30 1.52 0.00	54.00 1.65 0.00	74.54 2.45 0.00	77.66 2.80 -6.99	66.55 2.64 -1.49	42.83 1.79 0.00	50.78 2.38 0.00	41.20 2.08 0.00	42.78 2.15 0.00	42.54 2.21 0.00	43.28 2.27 0.14	51.44 2.56 0.00	79.61 3.60 0.00	107.31 5.56 0.00	82.83 4.46 0.00	94.65 5.52 -0.69	94.41 5.51 -2.28	117.00 5.88 0.00	113.05 4.89 0.00	93.63 3.83 -7.05
BROOKLYN___ARMY_DRP 323595	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
BROOKVLE_69_KV_TB1 55790	80.09 4.49 0.00	78.52 4.34 0.00	74.04 3.75 0.00	57.24 2.78 0.00	55.45 2.66 0.00	55.16 2.80 0.00	75.92 3.83 0.00	78.92 4.06 -6.99	67.70 3.80 -1.49	43.42 2.38 0.00	52.72 3.42 -0.90	42.40 2.89 -0.39	43.48 2.85 0.00	42.90 2.57 0.00	43.74 2.73 0.14	52.30 3.43 0.00	81.31 5.30 0.00	162.63 7.81 -53.07	164.69 6.24 -80.08	139.48 7.46 -43.58	117.62 7.36 -23.64	119.26 8.15 0.00	114.99 6.83 0.00	96.22 5.57 -7.90
BROOME_2_LFGE 323671	72.52 -1.97 1.10	72.24 -1.94 0.00	68.55 -1.74 0.00	53.01 -1.45 0.00	51.60 -1.19 0.00	51.27 -1.09 0.00	70.67 -1.43 0.00	69.78 -1.34 -3.25	61.89 -1.22 -0.69	40.07 -0.97 0.00	46.92 -1.20 0.28	38.25 -0.96 -0.08	39.56 -1.08 0.00	39.32 -1.04 -0.03	39.53 -1.10 0.52	47.69 -1.19 0.00	74.42 -1.59 0.00	100.35 -1.41 0.00	77.81 -0.55 0.00	87.44 -1.03 -0.03	86.19 -1.16 -0.73	104.37 -1.87 4.87	103.14 -2.01 3.01	82.20 -1.60 -1.05
BROOME___LFGE 323600	72.52 -1.97 1.10	72.24 -1.94 0.00	68.55 -1.74 0.00	53.01 -1.45 0.00	51.60 -1.19 0.00	51.27 -1.09 0.00	70.67 -1.43 0.00	69.78 -1.34 -3.25	61.89 -1.22 -0.69	40.07 -0.97 0.00	46.92 -1.20 0.28	38.25 -0.96 -0.08	39.56 -1.08 0.00	39.32 -1.04 -0.03	39.53 -1.10 0.52	47.69 -1.19 0.00	74.42 -1.59 0.00	100.35 -1.41 0.00	77.81 -0.55 0.00	87.44 -1.03 -0.03	86.19 -1.16 -0.73	104.37 -1.87 4.87	103.14 -2.01 3.01	82.20 -1.60 -1.05
BROWNFLS_115KV_TB_3_5 80003	76.24 0.64 0.00	74.55 0.38 0.00	70.74 0.45 0.00	55.24 0.78 0.00	53.31 0.52 0.00	53.10 0.74 0.00	73.60 1.50 0.00	68.64 0.76 0.00	62.92 0.50 0.00	41.45 0.41 0.00	48.77 0.37 0.00	39.40 0.28 0.00	41.07 0.44 0.00	40.84 0.52 0.00	41.30 0.54 0.40	49.09 0.22 0.00	75.97 -0.04 0.00	101.30 -0.45 0.00	77.84 -0.53 0.00	87.56 -0.88 0.00	86.35 -0.27 0.00	112.25 1.14 0.00	109.69 1.53 0.00	84.02 1.27 0.00
BROWNSV1_27_KV_LOAD 356125	79.17 3.57 0.00	77.58 3.40 0.00	73.17 2.88 0.00	56.66 2.20 0.00	54.80 2.01 0.00	54.51 2.15 0.00	75.27 3.17 0.00	78.37 3.51 -6.99	67.23 3.33 -1.49	43.26 2.22 0.00	51.30 2.91 0.00	41.61 2.49 0.00	43.19 2.56 0.00	42.93 2.59 0.00	43.69 2.68 0.14	51.96 3.09 0.00	80.44 4.42 0.00	108.43 6.68 0.00	83.71 5.35 0.00	95.65 6.52 -0.69	95.36 6.46 -2.28	118.22 7.11 0.00	114.19 6.03 0.00	94.52 4.73 -7.05
BURROWS___LYONSDAL 23803	75.96 0.36 0.00	74.37 0.19 0.00	70.62 0.32 0.00	55.24 0.78 0.00	53.28 0.49 0.00	52.94 0.58 0.00	73.44 1.34 0.00	68.84 0.97 0.00	63.22 0.80 0.00	41.42 0.38 0.00	48.83 0.43 0.00	39.45 0.33 0.00	41.15 0.52 0.00	40.98 0.64 0.00	41.46 0.76 0.45	49.34 0.47 0.00	76.89 0.88 0.00	103.09 1.34 0.00	79.44 1.07 0.00	89.36 1.04 0.11	87.86 1.36 0.12	111.59 2.28 1.80	108.71 1.66 1.11	83.05 1.13 0.83
CAITHNESS_CC_1 323624	80.50 4.90 0.00	78.96 4.78 0.00	74.45 4.16 0.00	57.51 3.05 0.00	55.74 2.95 0.00	55.54 3.18 0.00	76.61 4.51 0.00	79.55 4.69 -6.99	68.02 4.11 -1.49	43.52 2.48 0.00	52.74 3.45 -0.90	42.28 2.78 -0.39	43.26 2.63 0.00	42.75 2.43 0.00	43.64 2.63 0.14	52.45 3.58 0.00	81.77 5.75 0.00	163.29 8.47 -53.08	165.17 6.72 -80.08	140.11 8.09 -43.58	118.14 7.88 -23.64	119.75 8.64 0.00	115.38 7.22 0.00	96.45 5.80 -7.90
CALPINE BETH_PAGE_GT4 24209	79.28 3.68 0.00	77.74 3.56 0.00	73.33 3.03 0.00	56.67 2.21 0.00	54.88 2.09 0.00	54.59 2.23 0.00	75.22 3.12 0.00	78.26 3.40 -6.99	67.04 3.14 -1.49	42.96 1.92 0.00	52.14 2.84 -0.90	41.88 2.37 -0.39	42.93 2.29 0.00	42.42 2.09 0.00	43.25 2.24 0.14	51.76 2.90 0.00	80.46 4.45 0.00	161.51 6.69 -53.07	163.85 5.40 -80.08	138.55 6.53 -43.58	116.69 6.42 -23.64	118.05 6.94 0.00	113.86 5.70 0.00	95.37 4.73 -7.90
CALPINE_BETH_PAGE_GT_4 323586	79.26 3.66 0.00	77.74 3.57 0.00	73.32 3.03 0.00	56.67 2.21 0.00	54.88 2.10 0.00	54.59 2.23 0.00	75.22 3.12 0.00	78.26 3.40 -6.99	67.04 3.14 -1.49	42.97 1.92 0.00	52.13 2.83 -0.90	41.88 2.38 -0.39	42.92 2.29 0.00	42.41 2.08 0.00	43.23 2.22 0.14	51.76 2.89 0.00	80.46 4.45 0.00	161.51 6.69 -53.07	163.85 5.40 -80.08	138.55 6.53 -43.58	116.69 6.43 -23.64	118.02 6.91 0.00	113.85 5.69 0.00	95.36 4.71 -7.90
CALPINE_BP_GT1 23823	79.26 3.66 0.00	77.74 3.57 0.00	73.32 3.03 0.00	56.67 2.21 0.00	54.88 2.10 0.00	54.59 2.23 0.00	75.22 3.12 0.00	78.26 3.40 -6.99	67.04 3.14 -1.49	42.97 1.92 0.00	52.13 2.83 -0.90	41.88 2.38 -0.39	42.92 2.29 0.00	42.41 2.08 0.00	43.23 2.22 0.14	51.76 2.89 0.00	80.46 4.45 0.00	161.51 6.69 -53.07	163.85 5.40 -80.08	138.55 6.53 -43.58	116.69 6.43 -23.64	118.02 6.91 0.00	113.85 5.69 0.00	95.36 4.71 -7.90
CALSPAN___DRP 24200	65.94 -7.51 2.15	66.96 -7.21 0.00	63.85 -6.45 0.00	49.44 -5.01 0.00	48.34 -4.45 0.00	48.45 -3.91 0.00	65.86 -6.24 0.00	61.06 -6.78 0.04	54.50 -6.28 1.64	36.99 -4.05 0.00	40.37 -5.05 2.97	34.03 -4.41 0.67	35.98 -4.66 0.00	35.38 -4.65 0.30	31.83 -4.76 4.56	40.70 -5.23 2.94	68.56 -7.41 0.04	92.55 -9.20 0.00	72.09 -6.28 0.00	78.82 -8.92 0.70	76.52 -9.31 0.79	87.36 -12.14 11.60	90.39 -10.60 7.17	69.36 -8.04 5.34

CALVERTON___SOLAR 323806	80.74 5.14 0.00	79.20 5.02 0.00	74.67 4.37 0.00	57.67 3.22 0.00	55.91 3.12 0.00	55.73 3.37 0.00	76.93 4.83 0.00	79.86 5.00 -6.99	68.25 4.35 -1.49	43.67 2.63 0.00	52.88 3.58 -0.90	42.33 2.82 -0.39	43.28 2.65 0.00	42.79 2.46 0.00	43.70 2.69 0.14	52.57 3.70 0.00	82.06 6.05 0.00	163.73 8.90 -53.08	165.48 7.03 -80.08	140.46 8.45 -43.58	118.47 8.21 -23.64	120.14 9.03 0.00	115.76 7.60 0.00	96.71 6.06 -7.90
CANDIGU_WT_PWR 323617	64.27 -7.36 3.97	67.33 -6.84 0.00	63.83 -6.46 0.00	49.37 -5.10 0.00	48.33 -4.45 0.00	48.32 -4.04 0.00	66.28 -5.82 0.00	63.67 -6.11 -1.91	48.62 -5.65 8.14	37.09 -3.96 0.00	31.21 -5.02 12.17	31.51 -4.07 3.54	36.33 -4.30 0.00	34.55 -4.23 1.55	17.91 -4.55 18.69	28.39 -5.02 15.46	69.03 -6.78 0.20	94.63 -7.12 0.00	74.07 -4.30 0.00	82.40 -5.73 0.30	80.81 -5.92 -0.11	94.17 -8.40 8.54	95.04 -7.84 5.27	75.08 -5.87 1.79
CARR STREET_E_SYR 24060	72.32 -3.28 0.00	70.97 -3.21 0.00	67.33 -2.96 0.00	52.15 -2.31 0.00	50.68 -2.11 0.00	50.41 -1.95 0.00	69.45 -2.65 0.00	65.36 -2.52 0.00	60.11 -2.31 0.00	39.43 -1.61 0.00	46.41 -1.99 0.00	37.51 -1.61 0.00	38.88 -1.75 0.00	38.60 -1.73 0.00	38.13 -1.75 1.27	46.89 -1.98 0.00	73.24 -2.77 0.00	98.42 -3.34 0.00	76.07 -2.30 0.00	85.02 -2.95 0.46	83.04 -3.06 0.53	99.25 -4.12 7.73	99.16 -4.23 4.78	75.89 -3.30 3.56
CARTHAGE___PAPER 23857	75.72 0.12 0.00	74.00 -0.17 0.00	70.32 0.03 0.00	55.04 0.58 0.00	53.12 0.34 0.00	52.98 0.62 0.00	73.67 1.57 0.00	68.88 1.01 0.00	63.10 0.69 0.00	41.21 0.16 0.00	48.39 0.00 0.00	39.08 -0.03 0.00	40.80 0.16 0.00	40.62 0.29 0.00	40.80 0.38 0.73	48.99 0.11 0.00	76.49 0.47 0.00	102.74 0.99 0.00	79.14 0.77 0.00	89.00 0.56 0.00	87.71 1.08 0.00	113.56 2.45 0.00	109.97 1.81 0.00	83.83 1.09 0.00
CASSADAGA_WT_PWR 323784	65.85 -7.35 2.40	67.13 -7.05 0.00	64.04 -6.26 0.00	49.46 -5.00 0.00	48.42 -4.37 0.00	48.60 -3.76 0.00	66.33 -5.77 0.00	61.95 -5.90 0.03	55.73 -5.45 1.23	37.49 -3.55 0.00	41.26 -4.52 2.61	34.59 -4.02 0.51	36.32 -4.31 0.00	35.87 -4.23 0.23	33.24 -4.17 3.73	42.13 -4.51 2.23	69.66 -6.33 0.03	94.69 -7.06 0.00	73.88 -4.48 0.00	81.11 -6.66 0.67	78.54 -7.32 0.76	90.29 -9.63 11.19	92.50 -8.75 6.91	71.03 -6.56 5.15
CE_DUNWOOD___DRP 24194	78.41 2.81 0.00	76.90 2.72 0.00	72.61 2.32 0.00	56.20 1.74 0.00	54.40 1.61 0.00	54.03 1.67 0.00	74.57 2.47 0.00	77.61 2.76 -6.97	66.49 2.59 -1.48	42.70 1.66 0.00	50.60 2.20 0.00	41.01 1.89 0.00	42.58 1.95 0.00	42.30 1.97 0.00	43.05 2.04 0.14	51.26 2.39 0.00	79.46 3.45 0.00	107.05 5.30 0.00	82.63 4.27 0.00	94.33 5.21 -0.68	94.06 5.17 -2.27	116.70 5.59 0.00	112.83 4.67 0.00	93.49 3.70 -7.04
CE_MILLWOOD___DRP 24193	78.28 2.68 0.00	76.78 2.61 0.00	72.51 2.22 0.00	56.11 1.65 0.00	54.31 1.52 0.00	53.95 1.60 0.00	74.42 2.32 0.00	77.46 2.64 -6.95	66.36 2.46 -1.48	42.60 1.56 0.00	50.47 2.08 0.00	40.90 1.79 0.00	42.47 1.83 0.00	42.19 1.86 0.00	42.95 1.94 0.14	51.14 2.27 0.00	79.30 3.29 0.00	106.82 5.07 0.00	82.44 4.08 0.00	94.12 5.00 -0.68	93.84 4.95 -2.27	116.42 5.32 0.00	112.58 4.42 0.00	93.28 3.52 -7.01
CE_NYC2_DRP 24202	78.61 3.02 0.00	77.07 2.89 0.00	72.72 2.43 0.00	56.29 1.83 0.00	54.45 1.66 0.00	54.13 1.77 0.00	74.73 2.63 0.00	77.80 2.94 -6.99	66.70 2.79 -1.49	42.94 1.89 0.00	50.94 2.54 0.00	41.30 2.18 0.00	42.87 2.24 0.00	42.60 2.27 0.00	43.34 2.33 0.14	51.50 2.63 0.00	79.70 3.69 0.00	107.37 5.61 0.00	82.95 4.58 0.00	94.79 5.67 -0.69	94.59 5.69 -2.28	117.27 6.16 0.00	113.31 5.15 0.00	93.85 4.05 -7.05
CE_NYC_DRP 24195	78.48 2.88 0.00	76.91 2.73 0.00	72.56 2.27 0.00	56.20 1.73 0.00	54.33 1.54 0.00	54.03 1.67 0.00	74.57 2.47 0.00	77.69 2.83 -6.99	66.59 2.69 -1.49	42.85 1.81 0.00	50.82 2.43 0.00	41.24 2.12 0.00	42.80 2.17 0.00	42.54 2.21 0.00	43.29 2.28 0.14	51.49 2.62 0.00	79.67 3.66 0.00	107.33 5.57 0.00	82.87 4.50 0.00	94.68 5.55 -0.69	94.42 5.53 -2.28	117.04 5.93 0.00	113.06 4.90 0.00	93.67 3.88 -7.05
CHAFFEE___LFGE 323603	66.42 -6.87 2.31	67.55 -6.62 0.00	64.43 -5.87 0.00	49.90 -4.56 0.00	48.76 -4.03 0.00	48.89 -3.47 0.00	66.52 -5.58 0.00	61.75 -6.09 0.03	55.44 -5.65 1.33	37.39 -3.66 0.00	41.16 -4.55 2.69	34.57 -4.00 0.55	36.36 -4.28 0.00	35.83 -4.26 0.24	32.95 -4.27 3.93	41.77 -4.70 2.40	69.27 -6.72 0.03	93.48 -8.27 0.00	72.83 -5.54 0.00	79.67 -8.09 0.68	77.39 -8.46 0.77	88.79 -11.04 11.28	91.53 -9.66 6.97	70.08 -7.47 5.20
CHATEAUG_35_KV_LOAD 355732	75.98 0.38 0.00	74.19 0.01 0.00	70.17 -0.12 0.00	54.40 -0.06 0.00	52.48 -0.31 0.00	52.49 0.13 0.00	72.14 0.05 0.00	69.13 -0.27 -1.53	70.37 -0.61 -8.57	46.02 -0.19 -5.17	52.12 -0.30 -4.02	39.80 -0.32 -1.01	40.33 -0.30 0.00	40.09 -0.24 0.00	40.82 -0.24 0.09	48.83 -0.04 0.00	76.27 0.26 0.00	102.05 0.30 0.00	78.14 -0.23 0.00	87.65 -0.79 0.00	85.95 -0.67 0.00	110.98 -0.13 0.00	109.30 1.14 0.00	83.75 1.01 0.00
CHATEAUG_WT_PWR 323614	75.72 0.12 0.00	73.92 -0.26 0.00	69.89 -0.41 0.00	54.11 -0.35 0.00	52.22 -0.56 0.00	52.24 -0.12 0.00	71.73 -0.37 0.00	52.54 -0.61 14.72	-20.75 -0.98 82.19	-9.00 -0.43 49.61	9.32 -0.55 38.53	28.96 -0.52 9.64	40.16 -0.48 0.00	39.89 -0.44 0.00	40.65 -0.42 0.08	48.63 -0.24 0.00	75.98 -0.03 0.00	101.67 -0.09 0.00	77.85 -0.52 0.00	87.32 -1.12 0.00	85.64 -0.97 0.00	110.54 -0.57 0.00	108.84 0.68 0.00	83.46 0.71 0.00
CHAT_HIGH_FALL_HYD 323578	75.98 0.38 0.00	74.19 0.01 0.00	70.17 -0.12 0.00	54.40 -0.06 0.00	52.48 -0.31 0.00	52.49 0.13 0.00	72.14 0.05 0.00	69.13 -0.27 -1.53	70.37 -0.61 -8.57	46.02 -0.19 -5.17	52.12 -0.30 -4.02	39.80 -0.32 -1.01	40.33 -0.30 0.00	40.09 -0.24 0.00	40.82 -0.24 0.09	48.83 -0.04 0.00	76.27 0.26 0.00	102.05 0.30 0.00	78.14 -0.23 0.00	87.65 -0.79 0.00	85.95 -0.67 0.00	110.98 -0.13 0.00	109.30 1.14 0.00	83.75 1.01 0.00
CHAUTAUQUA___LFGE 323629	65.62 -7.72 2.26	66.83 -7.34 0.00	63.78 -6.51 0.00	49.20 -5.27 0.00	48.11 -4.67 0.00	48.28 -4.08 0.00	65.82 -6.28 0.00	61.28 -6.56 0.04	54.81 -6.08 1.53	37.08 -3.96 0.00	40.49 -5.02 2.90	34.07 -4.41 0.63	35.91 -4.73 0.00	35.36 -4.69 0.28	32.14 -4.68 4.34	41.04 -5.09 2.75	68.87 -7.11 0.04	93.54 -8.21 0.00	72.91 -5.46 0.00	79.89 -7.87 0.69	77.43 -8.41 0.78	88.76 -10.92 11.43	91.32 -9.77 7.06	70.09 -7.40 5.26
CHERRYST_13_KV_LD 356241	78.65 3.05 0.00	77.10 2.92 0.00	72.75 2.45 0.00	56.33 1.87 0.00	54.46 1.67 0.00	54.17 1.81 0.00	74.78 2.68 0.00	77.90 3.04 -6.99	66.79 2.89 -1.49	42.99 1.95 0.00	51.00 2.60 0.00	41.37 2.25 0.00	42.95 2.31 0.00	42.68 2.36 0.00	43.44 2.43 0.14	51.65 2.78 0.00	79.95 3.93 0.00	107.72 5.97 0.00	83.14 4.77 0.00	94.95 5.83 -0.69	94.68 5.79 -2.28	117.35 6.24 0.00	113.37 5.21 0.00	93.91 4.12 -7.05

CHESTROR_138KV_BK263 355645	77.71 2.11 0.00	76.24 2.07 0.00	72.06 1.76 0.00	55.77 1.31 0.00	53.99 1.20 0.00	53.62 1.26 0.00	73.95 1.85 0.00	76.46 2.13 -6.46	65.74 1.95 -1.37	42.25 1.21 0.00	49.96 1.57 0.00	40.43 1.32 0.00	41.99 1.36 0.00	41.70 1.37 0.00	42.45 1.45 0.15	50.60 1.73 0.00	78.59 2.57 0.00	105.91 4.15 0.00	81.71 3.35 0.00	93.17 4.10 -0.63	92.78 4.05 -2.11	115.41 4.30 0.00	111.69 3.53 0.00	92.07 2.79 -6.52
CH_MIDHUDSON___DRP 24192	78.79 3.19 0.00	77.29 3.12 0.00	73.07 2.77 0.00	56.55 2.09 0.00	54.76 1.97 0.00	54.35 1.99 0.00	74.98 2.88 0.00	78.37 3.13 -7.37	66.90 2.91 -1.57	42.88 1.84 0.00	50.71 2.32 0.00	41.05 1.93 0.00	42.64 2.01 0.00	42.37 2.04 0.00	43.13 2.12 0.14	51.39 2.52 0.00	79.81 3.79 0.00	107.53 5.78 0.00	83.01 4.64 0.00	94.75 5.58 -0.73	94.52 5.48 -2.41	117.17 6.06 0.00	113.34 5.18 0.00	94.30 4.08 -7.47
CH_MISC_IPPS 23765	79.06 3.46 0.00	77.54 3.37 0.00	73.30 3.01 0.00	56.73 2.26 0.00	54.93 2.14 0.00	54.56 2.20 0.00	75.32 3.22 0.00	78.52 3.44 -7.20	67.13 3.18 -1.53	43.05 2.01 0.00	50.88 2.49 0.00	41.17 2.05 0.00	42.75 2.12 0.00	42.48 2.15 0.00	43.24 2.24 0.14	51.57 2.70 0.00	80.18 4.16 0.00	108.08 6.33 0.00	83.45 5.08 0.00	95.20 6.05 -0.71	94.92 5.95 -2.36	117.72 6.61 0.00	113.85 5.69 0.00	94.48 4.43 -7.31
CH_RES_BVR_FALLS 23983	75.87 0.27 0.00	74.32 0.15 0.00	70.37 0.08 0.00	54.55 0.09 0.00	52.76 -0.03 0.00	52.39 0.03 0.00	72.09 -0.01 0.00	67.64 -0.23 0.00	62.17 -0.25 0.00	40.96 -0.07 0.00	48.24 -0.16 0.00	38.92 -0.19 0.00	40.40 -0.23 0.00	40.06 -0.27 0.00	40.74 -0.35 0.06	48.49 -0.38 0.00	75.51 -0.51 0.00	100.67 -1.08 0.00	77.35 -1.02 0.00	87.17 -1.27 0.00	85.61 -1.00 0.00	110.51 -0.60 0.00	108.09 -0.07 0.00	82.80 0.05 0.00
CH_RES_NIAGARA 23895	64.21 -9.57 1.82	64.89 -9.28 0.00	61.91 -8.38 0.00	48.05 -6.40 0.00	46.90 -5.89 0.00	46.98 -5.38 0.00	63.76 -8.34 0.00	58.87 -8.97 0.03	52.89 -8.25 1.28	35.74 -5.30 0.00	39.64 -6.37 2.39	33.05 -5.53 0.53	34.77 -5.86 0.00	34.24 -5.85 0.23	31.45 -5.84 3.86	39.90 -6.68 2.30	66.14 -9.85 0.03	88.74 -13.01 0.00	68.90 -9.47 0.00	75.04 -12.66 0.74	72.78 -13.01 0.84	82.26 -16.58 12.27	86.04 -14.54 7.58	66.04 -11.06 5.65
CH_RES_SYRACUSE 23985	72.65 -2.95 0.00	71.27 -2.90 0.00	67.61 -2.69 0.00	52.36 -2.10 0.00	50.89 -1.89 0.00	50.61 -1.76 0.00	69.74 -2.35 0.00	65.65 -2.22 0.00	60.37 -2.05 0.00	39.56 -1.48 0.00	46.55 -1.85 0.00	37.61 -1.51 0.00	38.99 -1.64 0.00	38.71 -1.62 0.00	38.18 -1.65 1.32	47.02 -1.86 0.00	73.50 -2.52 0.00	98.89 -2.87 0.00	76.44 -1.93 0.00	85.66 -2.52 0.25	83.69 -2.64 0.29	103.21 -3.65 4.25	101.79 -3.75 2.63	77.81 -2.98 1.96
CLINTON_WT_PWR 323605	75.72 0.12 0.00	73.92 -0.26 0.00	69.89 -0.41 0.00	54.11 -0.35 0.00	52.22 -0.56 0.00	52.24 -0.12 0.00	71.73 -0.37 0.00	52.54 -0.61 14.72	-20.75 -0.98 82.19	-9.00 -0.43 49.61	9.32 -0.55 38.53	28.96 -0.52 9.64	40.16 -0.48 0.00	39.89 -0.44 0.00	40.65 -0.42 0.08	48.63 -0.24 0.00	75.98 -0.03 0.00	101.67 -0.09 0.00	77.85 -0.52 0.00	87.32 -1.12 0.00	85.64 -0.97 0.00	110.54 -0.57 0.00	108.84 0.68 0.00	83.46 0.71 0.00
CLINTON___LFGE 323618	76.94 1.34 0.00	75.11 0.94 0.00	71.01 0.71 0.00	54.95 0.49 0.00	53.03 0.25 0.00	52.93 0.57 0.00	72.81 0.70 0.00	79.30 0.45 -10.97	123.70 0.02 -61.26	78.23 0.21 -36.98	77.29 0.17 -28.72	46.35 0.05 -7.19	40.68 0.05 0.00	40.40 0.07 0.00	41.21 0.13 0.08	49.37 0.50 0.00	77.23 1.21 0.00	103.57 1.82 0.00	79.35 0.98 0.00	88.86 0.42 0.00	87.08 0.46 0.00	112.22 1.11 0.00	110.45 2.29 0.00	84.88 2.13 0.00
COBBLENY_34_KV_TB1 80064	66.40 -6.89 2.31	67.56 -6.62 0.00	64.43 -5.86 0.00	49.91 -4.55 0.00	48.76 -4.03 0.00	48.88 -3.47 0.00	66.51 -5.59 0.00	61.74 -6.10 0.03	55.42 -5.66 1.33	37.39 -3.65 0.00	41.13 -4.58 2.69	34.56 -4.01 0.55	36.36 -4.28 0.00	35.82 -4.27 0.24	32.89 -4.33 3.93	41.74 -4.73 2.40	69.27 -6.72 0.03	93.48 -8.28 0.00	72.82 -5.54 0.00	79.67 -8.09 0.68	77.35 -8.50 0.77	88.70 -11.12 11.28	91.45 -9.73 6.97	70.07 -7.48 5.20
COFFEEN___115KV_TB3 355620	75.34 -0.26 0.00	73.68 -0.50 0.00	69.99 -0.31 0.00	54.66 0.19 0.00	52.90 0.11 0.00	52.86 0.50 0.00	73.51 1.41 0.00	68.92 1.04 0.00	63.07 0.65 0.00	40.97 -0.07 0.00	48.01 -0.38 0.00	38.71 -0.41 0.00	40.32 -0.31 0.00	40.16 -0.16 0.00	40.20 -0.10 0.86	48.71 -0.17 0.00	76.36 0.35 0.00	103.06 1.31 0.00	79.57 1.20 0.00	89.38 0.94 0.00	87.93 1.31 0.00	113.60 2.49 0.00	109.73 1.57 0.00	83.45 0.70 0.00
COLDSPRG_115KV_BK1 355956	66.99 -6.00 2.61	68.40 -5.77 0.00	65.18 -5.11 0.00	50.46 -4.00 0.00	49.43 -3.36 0.00	49.55 -2.81 0.00	67.62 -4.48 0.00	65.02 -4.57 -1.71	57.86 -4.16 0.41	38.33 -2.71 0.00	42.80 -3.43 2.17	35.78 -3.01 0.32	37.35 -3.29 0.00	36.92 -3.26 0.14	35.07 -3.30 2.79	43.88 -3.58 1.41	70.70 -5.30 0.02	95.81 -5.94 0.00	74.84 -3.53 0.00	82.58 -5.38 0.48	80.56 -5.89 0.17	92.26 -8.05 10.80	94.44 -7.04 6.68	74.26 -5.27 3.22
COLONIE_LFGE___ 323577	79.15 3.55 0.00	77.70 3.53 0.00	73.62 3.32 0.00	57.04 2.58 0.00	55.25 2.46 0.00	54.72 2.36 0.00	75.39 3.30 0.00	133.24 3.32 -62.05	78.72 3.10 -13.20	43.02 1.98 0.00	50.80 2.41 0.00	41.14 2.02 0.00	42.77 2.14 0.00	42.42 2.10 0.00	43.20 2.15 0.10	51.36 2.48 0.00	79.68 3.66 0.00	107.17 5.41 0.00	82.59 4.22 0.00	99.37 4.95 -5.99	111.47 4.95 -19.90	116.85 5.74 0.00	113.38 5.22 0.00	148.58 4.25 -61.58
COOPERNY_115KV_TB1 80082	76.96 1.36 0.00	75.52 1.34 0.00	71.45 1.15 0.00	55.32 0.85 0.00	53.58 0.79 0.00	53.16 0.80 0.00	73.29 1.20 0.00	74.61 1.40 -5.33	64.85 1.30 -1.13	41.84 0.79 0.00	49.41 1.01 0.00	40.00 0.88 0.00	41.53 0.90 0.00	41.25 0.92 0.00	41.93 0.96 0.18	50.01 1.14 0.00	77.74 1.72 0.00	104.63 2.87 0.00	80.74 2.38 0.00	91.86 2.90 -0.53	91.21 2.84 -1.75	114.06 2.94 0.00	110.53 2.37 0.00	90.04 1.89 -5.41
COPENHAGEN_WT_PWR 323753	73.60 -2.00 0.00	71.98 -2.19 0.00	68.37 -1.93 0.00	53.37 -1.09 0.00	51.64 -1.15 0.00	51.55 -0.81 0.00	71.57 -0.53 0.00	67.10 -0.77 0.00	61.47 -0.95 0.00	40.02 -1.02 0.00	46.93 -1.46 0.00	37.89 -1.23 0.00	39.46 -1.17 0.00	39.29 -1.03 0.00	39.27 -0.99 0.89	47.58 -1.29 0.00	74.45 -1.56 0.00	100.32 -1.44 0.00	77.41 -0.96 0.00	87.00 -1.43 0.00	85.71 -0.91 0.00	111.00 -0.11 0.00	107.23 -0.93 0.00	81.58 -1.17 0.00
CORNELL_____ 23752	84.59 -0.93 -9.92	73.16 -1.02 0.00	69.40 -0.89 0.00	53.67 -0.79 0.00	52.25 -0.53 0.00	52.05 -0.31 0.00	71.85 -0.25 0.00	70.06 -0.16 -2.35	63.45 -0.20 -1.23	40.60 -0.44 0.00	53.00 -0.77 -5.37	38.59 -0.77 -0.25	39.63 -1.00 0.00	39.40 -1.04 -0.11	40.25 -1.07 -0.17	48.85 -1.03 -1.00	75.23 -0.80 -0.01	102.11 0.36 0.00	79.25 0.88 0.00	88.98 0.63 0.09	87.41 0.39 -0.41	105.86 0.05 5.30	104.62 -0.26 3.28	82.37 -0.32 0.06

CORONA_69_KV_TB1 355595	79.59 3.99 0.00	78.01 3.83 0.00	73.61 3.32 0.00	56.90 2.45 0.00	55.09 2.31 0.00	54.78 2.42 0.00	75.55 3.46 0.00	78.54 3.68 -6.99	67.33 3.43 -1.49	43.19 2.15 0.00	52.32 3.02 -0.90	42.10 2.59 -0.39	43.19 2.55 0.00	42.68 2.35 0.00	43.49 2.48 0.14	51.96 3.09 0.00	80.73 4.72 0.00	161.91 7.09 -53.07	164.09 5.64 -80.08	138.93 6.92 -43.58	117.11 6.84 -23.64	118.64 7.53 0.00	114.50 6.34 0.00	95.91 5.26 -7.90
CORTLAND_115KV_TB3 80093	76.98 -1.25 -2.63	72.92 -1.25 0.00	69.19 -1.11 0.00	53.55 -0.90 0.00	52.09 -0.69 0.00	51.82 -0.54 0.00	71.49 -0.61 0.00	69.08 -0.54 -1.75	62.51 -0.51 -0.61	40.52 -0.52 0.00	49.14 -0.73 -1.48	38.55 -0.65 -0.08	39.86 -0.77 0.00	39.59 -0.78 -0.04	39.65 -0.80 0.70	48.05 -0.82 0.00	75.19 -0.83 0.00	101.42 -0.33 0.00	78.57 0.20 0.00	88.19 -0.11 0.14	86.56 -0.28 -0.22	105.14 -0.73 5.25	103.91 -1.00 3.24	81.26 -0.85 0.64
COXSACKIE___GT 23611	82.00 6.40 0.00	80.48 6.30 0.00	76.33 6.04 0.00	59.14 4.68 0.00	57.33 4.54 0.00	56.75 4.39 0.00	78.01 5.91 0.00	98.77 5.87 -25.02	73.31 5.57 -5.32	44.32 3.28 0.00	52.24 3.84 0.00	42.17 3.05 0.00	43.86 3.22 0.00	43.46 3.13 0.00	44.04 3.00 0.11	52.43 3.56 0.00	82.54 6.53 0.00	111.81 10.06 0.00	86.19 7.82 0.00	99.81 8.70 -2.67	103.94 8.45 -8.87	121.35 10.24 0.00	117.77 9.61 0.00	117.86 7.68 -27.43
CPV_VALLEY___CC1 323721	77.11 1.51 0.00	75.68 1.51 0.00	71.54 1.25 0.00	55.36 0.90 0.00	53.61 0.82 0.00	53.20 0.85 0.00	73.38 1.28 0.00	75.42 1.56 -5.99	65.13 1.43 -1.28	41.93 0.89 0.00	49.57 1.18 0.00	40.16 1.04 0.00	41.69 1.06 0.00	41.41 1.08 0.00	42.13 1.14 0.16	50.22 1.35 0.00	77.96 1.94 0.00	104.97 3.22 0.00	81.00 2.63 0.00	92.31 3.28 -0.59	91.82 3.24 -1.96	114.39 3.29 0.00	110.74 2.58 0.00	90.90 2.10 -6.06
CPV_VALLEY___CC2 323722	77.11 1.51 0.00	75.68 1.51 0.00	71.54 1.25 0.00	55.36 0.90 0.00	53.61 0.82 0.00	53.20 0.85 0.00	73.38 1.28 0.00	75.42 1.56 -5.99	65.13 1.43 -1.28	41.93 0.89 0.00	49.57 1.18 0.00	40.16 1.04 0.00	41.69 1.06 0.00	41.41 1.08 0.00	42.13 1.14 0.16	50.22 1.35 0.00	77.96 1.94 0.00	104.97 3.22 0.00	81.00 2.63 0.00	92.31 3.28 -0.59	91.82 3.24 -1.96	114.39 3.29 0.00	110.74 2.58 0.00	90.90 2.10 -6.06
CRESCENT___HYD 24018	79.15 3.55 0.00	77.70 3.53 0.00	73.62 3.32 0.00	57.04 2.58 0.00	55.25 2.46 0.00	54.72 2.36 0.00	75.39 3.30 0.00	133.24 3.32 -62.05	78.72 3.10 -13.20	43.02 1.98 0.00	50.80 2.41 0.00	41.14 2.02 0.00	42.77 2.14 0.00	42.42 2.10 0.00	43.20 2.15 0.10	51.36 2.48 0.00	79.68 3.66 0.00	107.17 5.41 0.00	82.59 4.22 0.00	99.37 4.95 -5.99	111.47 4.95 -19.90	116.85 5.74 0.00	113.38 5.22 0.00	148.58 4.25 -61.58
CRICKET___VALLEY_CC1 323756	78.46 2.86 0.00	77.00 2.82 0.00	72.78 2.49 0.00	56.32 1.87 0.00	54.54 1.76 0.00	54.14 1.78 0.00	74.63 2.53 0.00	79.20 2.77 -8.56	66.82 2.58 -1.82	42.61 1.57 0.00	50.47 2.07 0.00	40.89 1.77 0.00	42.50 1.87 0.00	42.22 1.90 0.00	42.98 1.96 0.13	51.12 2.25 0.00	79.35 3.34 0.00	106.81 5.06 0.00	82.47 4.10 0.00	94.23 4.96 -0.84	94.27 4.87 -2.78	116.31 5.20 0.00	112.58 4.42 0.00	94.92 3.57 -8.59
CRICKET___VALLEY_CC2 323757	78.46 2.86 0.00	77.00 2.82 0.00	72.78 2.49 0.00	56.32 1.87 0.00	54.54 1.76 0.00	54.14 1.78 0.00	74.63 2.53 0.00	79.20 2.77 -8.56	66.82 2.58 -1.82	42.61 1.57 0.00	50.47 2.07 0.00	40.89 1.77 0.00	42.50 1.87 0.00	42.22 1.90 0.00	42.98 1.96 0.13	51.12 2.25 0.00	79.35 3.34 0.00	106.81 5.06 0.00	82.47 4.10 0.00	94.23 4.96 -0.84	94.27 4.87 -2.78	116.31 5.20 0.00	112.58 4.42 0.00	94.92 3.57 -8.59
CRICKET___VALLEY_CC3 323758	78.46 2.86 0.00	77.00 2.82 0.00	72.78 2.49 0.00	56.32 1.87 0.00	54.54 1.76 0.00	54.14 1.78 0.00	74.63 2.53 0.00	79.20 2.77 -8.56	66.82 2.58 -1.82	42.61 1.57 0.00	50.47 2.07 0.00	40.89 1.77 0.00	42.50 1.87 0.00	42.22 1.90 0.00	42.98 1.96 0.13	51.12 2.25 0.00	79.35 3.34 0.00	106.81 5.06 0.00	82.47 4.10 0.00	94.23 4.96 -0.84	94.27 4.87 -2.78	116.31 5.20 0.00	112.58 4.42 0.00	94.92 3.57 -8.59
CRUCIBLE_METL_DRP 24180	72.65 -2.95 0.00	71.28 -2.90 0.00	67.61 -2.69 0.00	52.37 -2.09 0.00	50.89 -1.89 0.00	50.61 -1.75 0.00	69.74 -2.36 0.00	65.65 -2.22 0.00	60.36 -2.05 0.00	39.56 -1.48 0.00	46.55 -1.85 0.00	37.61 -1.51 0.00	38.99 -1.64 0.00	38.71 -1.62 0.00	38.18 -1.65 1.32	47.00 -1.87 0.00	73.50 -2.52 0.00	98.88 -2.87 0.00	76.44 -1.93 0.00	85.65 -2.53 0.25	83.67 -2.66 0.29	103.19 -3.67 4.25	101.78 -3.75 2.63	77.81 -2.98 1.96
DAHOWA___HYDRO 323763	80.79 5.19 0.00	79.27 5.09 0.00	75.12 4.82 0.00	58.33 3.87 0.00	56.57 3.78 0.00	56.13 3.77 0.00	77.51 5.41 0.00	145.63 5.38 -72.38	82.72 4.91 -15.40	44.12 3.08 0.00	52.05 3.65 0.00	42.07 2.95 0.00	43.69 3.06 0.00	43.33 3.00 0.00	44.14 3.09 0.10	52.53 3.66 0.00	81.78 5.77 0.00	110.19 8.44 0.00	84.94 6.57 0.00	103.04 7.53 -7.07	117.42 7.29 -23.51	119.77 8.67 0.00	116.03 7.87 0.00	161.62 6.14 -72.74
DANC___LFGE 323619	73.11 -2.49 0.00	71.58 -2.60 0.00	67.95 -2.34 0.00	52.90 -1.56 0.00	51.27 -1.52 0.00	51.10 -1.26 0.00	70.66 -1.44 0.00	66.35 -1.52 0.00	60.87 -1.55 0.00	39.73 -1.31 0.00	46.67 -1.72 0.00	37.74 -1.38 0.00	39.24 -1.40 0.00	39.02 -1.30 0.00	38.79 -1.29 1.07	47.28 -1.59 0.00	73.80 -2.21 0.00	99.38 -2.38 0.00	76.70 -1.67 0.00	86.22 -2.22 0.00	84.70 -1.92 0.00	109.35 -1.76 0.00	105.84 -2.32 0.00	80.66 -2.08 0.00
DANSKAMMER___1 23586	79.06 3.46 0.00	77.54 3.37 0.00	73.30 3.01 0.00	56.73 2.26 0.00	54.93 2.14 0.00	54.56 2.20 0.00	75.32 3.22 0.00	78.52 3.44 -7.20	67.13 3.18 -1.53	43.05 2.01 0.00	50.88 2.49 0.00	41.17 2.05 0.00	42.75 2.12 0.00	42.48 2.15 0.00	43.24 2.24 0.14	51.57 2.70 0.00	80.18 4.16 0.00	108.08 6.33 0.00	83.45 5.08 0.00	95.20 6.05 -0.71	94.92 5.95 -2.36	117.72 6.61 0.00	113.85 5.69 0.00	94.48 4.43 -7.31
DANSKAMMER___2 23589	79.06 3.46 0.00	77.54 3.37 0.00	73.30 3.01 0.00	56.73 2.26 0.00	54.93 2.14 0.00	54.56 2.20 0.00	75.32 3.22 0.00	78.52 3.44 -7.20	67.13 3.18 -1.53	43.05 2.01 0.00	50.88 2.49 0.00	41.17 2.05 0.00	42.75 2.12 0.00	42.48 2.15 0.00	43.24 2.24 0.14	51.57 2.70 0.00	80.18 4.16 0.00	108.08 6.33 0.00	83.45 5.08 0.00	95.20 6.05 -0.71	94.92 5.95 -2.36	117.72 6.61 0.00	113.85 5.69 0.00	94.48 4.43 -7.31
DANSKAMMER___3 23590	79.06 3.46 0.00	77.54 3.37 0.00	73.30 3.01 0.00	56.73 2.26 0.00	54.93 2.14 0.00	54.56 2.20 0.00	75.32 3.22 0.00	78.52 3.44 -7.20	67.13 3.18 -1.53	43.05 2.01 0.00	50.88 2.49 0.00	41.17 2.05 0.00	42.75 2.12 0.00	42.48 2.15 0.00	43.24 2.24 0.14	51.57 2.70 0.00	80.18 4.16 0.00	108.08 6.33 0.00	83.45 5.08 0.00	95.20 6.05 -0.71	94.92 5.95 -2.36	117.72 6.61 0.00	113.85 5.69 0.00	94.48 4.43 -7.31

DANSKAMMER___4 23591	79.06 3.46 0.00	77.54 3.37 0.00	73.30 3.01 0.00	56.73 2.26 0.00	54.93 2.14 0.00	54.56 2.20 0.00	75.32 3.22 0.00	78.52 3.44 -7.20	67.13 3.18 -1.53	43.05 2.01 0.00	50.88 2.49 0.00	41.17 2.05 0.00	42.75 2.12 0.00	42.48 2.15 0.00	43.24 2.24 0.14	51.57 2.70 0.00	80.18 4.16 0.00	108.08 6.33 0.00	83.45 5.08 0.00	95.20 6.05 -0.71	94.92 5.95 -2.36	117.72 6.61 0.00	113.85 5.69 0.00	94.48 4.43 -7.31
DANSKAMMER___DIESEL 23592	79.06 3.46 0.00	77.54 3.37 0.00	73.30 3.01 0.00	56.73 2.26 0.00	54.93 2.14 0.00	54.56 2.20 0.00	75.33 3.23 0.00	78.52 3.44 -7.20	67.13 3.18 -1.53	43.05 2.01 0.00	50.89 2.49 0.00	41.17 2.05 0.00	42.75 2.12 0.00	42.48 2.15 0.00	43.25 2.25 0.14	51.58 2.71 0.00	80.19 4.17 0.00	108.08 6.32 0.00	83.44 5.08 0.00	95.21 6.06 -0.71	94.93 5.95 -2.36	117.73 6.62 0.00	113.86 5.70 0.00	94.49 4.44 -7.31
DARBY___SOLAR 323810	80.30 4.71 0.00	78.82 4.65 0.00	74.69 4.39 0.00	57.97 3.52 0.00	56.20 3.42 0.00	55.75 3.39 0.00	76.95 4.85 0.00	143.81 4.83 -71.10	81.95 4.41 -15.13	43.81 2.77 0.00	51.68 3.28 0.00	41.78 2.66 0.00	43.41 2.78 0.00	43.05 2.72 0.00	43.85 2.80 0.10	52.19 3.31 0.00	81.20 5.19 0.00	109.39 7.64 0.00	84.31 5.94 0.00	102.21 6.84 -6.94	116.31 6.62 -23.06	118.96 7.85 0.00	115.31 7.14 0.00	159.73 5.62 -71.36
DASHVILLE___HYD 23610	78.66 3.06 0.00	77.20 3.02 0.00	73.02 2.72 0.00	56.51 2.05 0.00	54.71 1.93 0.00	54.24 1.89 0.00	74.86 2.77 0.00	81.53 2.86 -10.80	67.48 2.77 -2.30	42.82 1.77 0.00	50.56 2.16 0.00	40.89 1.77 0.00	42.46 1.83 0.00	42.22 1.89 0.00	42.94 1.92 0.14	51.25 2.38 0.00	79.59 3.58 0.00	107.37 5.62 0.00	82.92 4.55 0.00	94.97 5.42 -1.11	95.56 5.25 -3.69	117.01 5.90 0.00	113.20 5.04 0.00	97.96 3.80 -11.41
DEERFIELD_69_KV_DEERFIELD LD 355887	80.46 4.86 0.00	78.89 4.72 0.00	74.34 4.05 0.00	57.46 3.00 0.00	55.70 2.92 0.00	55.61 3.26 0.00	76.90 4.80 0.00	79.83 4.97 -6.99	68.13 4.23 -1.49	43.74 2.70 0.00	53.02 3.72 -0.90	42.14 2.63 -0.39	43.07 2.44 0.00	42.58 2.25 0.00	43.53 2.52 0.14	52.42 3.55 0.00	81.92 5.91 0.00	163.63 8.80 -53.08	165.47 7.02 -80.08	140.50 8.48 -43.58	118.46 8.20 -23.64	120.13 9.02 0.00	115.65 7.49 0.00	96.66 6.01 -7.90
DELAWARE___LFGE 323621	76.90 1.30 0.00	75.52 1.34 0.00	71.61 1.31 0.00	55.40 0.94 0.00	53.72 0.94 0.00	53.17 0.81 0.00	73.36 1.26 0.00	79.54 1.36 -10.31	65.89 1.28 -2.19	41.76 0.72 0.00	49.27 0.88 0.00	39.86 0.74 0.00	41.43 0.80 0.00	41.12 0.79 0.00	41.51 0.82 0.46	49.85 0.97 0.00	77.74 1.73 0.00	104.67 2.91 0.00	80.89 2.52 0.00	92.10 2.81 -0.85	92.47 2.66 -3.20	111.38 2.97 2.71	109.00 2.51 1.67	93.89 1.92 -9.22
DERFIELD_115KV_TB7 355931	76.04 0.44 0.00	74.62 0.45 0.00	70.72 0.42 0.00	54.79 0.33 0.00	53.10 0.31 0.00	52.61 0.25 0.00	72.46 0.36 0.00	68.32 0.44 0.00	62.84 0.42 0.00	41.29 0.25 0.00	48.70 0.30 0.00	39.37 0.25 0.00	40.92 0.28 0.00	40.61 0.28 0.00	41.34 0.31 0.12	49.21 0.34 0.00	76.54 0.52 0.00	102.62 0.87 0.00	79.08 0.72 0.00	89.31 0.87 0.00	87.48 0.86 0.00	112.03 0.92 0.00	108.85 0.69 0.00	83.34 0.60 0.00
DOGLEVILLE___HYD 23807	78.40 2.80 0.00	76.71 2.53 0.00	72.60 2.30 0.00	56.05 1.59 0.00	54.51 1.72 0.00	53.95 1.60 0.00	74.79 2.69 0.00	70.57 2.70 0.00	64.69 2.27 0.00	42.11 1.07 0.00	49.30 0.91 0.00	39.80 0.68 0.00	41.48 0.85 0.00	41.12 0.79 0.00	42.30 1.27 0.12	50.60 1.73 0.00	78.81 2.79 0.00	107.24 5.49 0.00	82.78 4.42 0.00	93.72 5.28 0.00	92.06 5.44 0.00	116.98 5.87 0.00	112.57 4.42 0.00	86.26 3.52 0.00
DUNKIRK___115KV_TB_200 55889	65.61 -7.74 2.25	66.84 -7.34 0.00	63.79 -6.51 0.00	49.20 -5.26 0.00	48.12 -4.67 0.00	48.26 -4.10 0.00	65.80 -6.30 0.00	61.22 -6.62 0.04	54.73 -6.13 1.55	37.05 -3.99 0.00	40.40 -5.07 2.92	34.03 -4.44 0.64	35.88 -4.75 0.00	35.33 -4.71 0.28	32.00 -4.76 4.40	40.91 -5.16 2.80	68.82 -7.16 0.04	93.42 -8.33 0.00	72.81 -5.56 0.00	79.76 -7.99 0.69	77.25 -8.59 0.78	88.47 -11.19 11.45	91.17 -9.91 7.08	70.00 -7.48 5.27
DUNKIRK___1 23563	65.61 -7.74 2.25	66.84 -7.34 0.00	63.79 -6.51 0.00	49.20 -5.26 0.00	48.12 -4.67 0.00	48.26 -4.10 0.00	65.80 -6.30 0.00	61.22 -6.62 0.04	54.73 -6.13 1.55	37.05 -3.99 0.00	40.40 -5.07 2.92	34.03 -4.44 0.64	35.88 -4.75 0.00	35.33 -4.71 0.28	32.00 -4.76 4.40	40.91 -5.16 2.80	68.82 -7.16 0.04	93.42 -8.33 0.00	72.81 -5.56 0.00	79.76 -7.99 0.69	77.25 -8.59 0.78	88.47 -11.19 11.45	91.17 -9.91 7.08	70.00 -7.48 5.27
DUNKIRK___2 23564	65.61 -7.74 2.25	66.84 -7.34 0.00	63.79 -6.51 0.00	49.20 -5.26 0.00	48.12 -4.67 0.00	48.26 -4.10 0.00	65.80 -6.30 0.00	61.22 -6.62 0.04	54.73 -6.13 1.55	37.05 -3.99 0.00	40.40 -5.07 2.92	34.03 -4.44 0.64	35.88 -4.75 0.00	35.33 -4.71 0.28	32.00 -4.76 4.40	40.91 -5.16 2.80	68.82 -7.16 0.04	93.42 -8.33 0.00	72.81 -5.56 0.00	79.76 -7.99 0.69	77.25 -8.59 0.78	88.47 -11.19 11.45	91.17 -9.91 7.08	70.00 -7.48 5.27
DUNKIRK___3 23565	65.66 -7.75 2.20	66.82 -7.36 0.00	63.74 -6.55 0.00	49.22 -5.24 0.00	48.15 -4.64 0.00	48.27 -4.09 0.00	65.72 -6.38 0.00	61.09 -6.75 0.04	54.48 -6.23 1.71	36.99 -4.05 0.00	40.22 -5.10 3.08	33.96 -4.46 0.70	35.88 -4.76 0.00	35.29 -4.73 0.31	31.67 -4.78 4.70	40.60 -5.21 3.07	68.65 -7.32 0.04	93.07 -8.68 0.00	72.50 -5.87 0.00	79.40 -8.35 0.69	76.97 -8.86 0.79	88.00 -11.55 11.56	90.79 -10.23 7.14	69.70 -7.73 5.32
DUNKIRK___4 23566	65.66 -7.75 2.20	66.82 -7.36 0.00	63.74 -6.55 0.00	49.22 -5.24 0.00	48.15 -4.64 0.00	48.27 -4.09 0.00	65.72 -6.38 0.00	61.09 -6.75 0.04	54.48 -6.23 1.71	36.99 -4.05 0.00	40.22 -5.10 3.08	33.96 -4.46 0.70	35.88 -4.76 0.00	35.29 -4.73 0.31	31.67 -4.78 4.70	40.60 -5.21 3.07	68.65 -7.32 0.04	93.07 -8.68 0.00	72.50 -5.87 0.00	79.40 -8.35 0.69	76.97 -8.86 0.79	88.00 -11.55 11.56	90.79 -10.23 7.14	69.70 -7.73 5.32
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	78.57 2.97 0.00	77.06 2.88 0.00	72.76 2.47 0.00	56.31 1.85 0.00	54.49 1.70 0.00	54.13 1.78 0.00	74.71 2.61 0.00	77.77 2.91 -6.99	66.64 2.73 -1.49	42.79 1.75 0.00	50.74 2.35 0.00	41.13 2.01 0.00	42.69 2.06 0.00	42.41 2.09 0.00	43.17 2.17 0.14	51.39 2.52 0.00	79.65 3.63 0.00	107.31 5.56 0.00	82.81 4.45 0.00	94.57 5.45 -0.69	94.30 5.40 -2.28	116.98 5.87 0.00	113.10 4.94 0.00	93.72 3.92 -7.05
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	78.29 2.69 0.00	76.79 2.62 0.00	72.60 2.30 0.00	56.18 1.72 0.00	54.39 1.61 0.00	54.02 1.66 0.00	74.54 2.45 0.00	77.55 2.71 -6.97	66.40 2.50 -1.48	42.61 1.57 0.00	50.36 1.96 0.00	40.76 1.64 0.00	42.30 1.66 0.00	42.03 1.70 0.00	42.79 1.78 0.15	51.01 2.14 0.00	79.29 3.27 0.00	106.90 5.15 0.00	82.51 4.14 0.00	94.13 5.00 -0.69	93.84 4.93 -2.29	116.48 5.37 0.00	112.67 4.51 0.00	93.35 3.52 -7.08

E179THST_138_KV_TB4_REV_LBMP_J 345001	78.46 2.87 0.00	76.86 2.68 0.00	72.48 2.19 0.00	56.14 1.67 0.00	54.28 1.50 0.00	54.00 1.64 0.00	74.55 2.45 0.00	77.67 2.81 -6.99	66.58 2.67 -1.49	42.83 1.79 0.00	50.81 2.41 0.00	41.15 2.03 0.00	42.76 2.13 0.00	42.53 2.20 0.00	43.21 2.21 0.14	51.38 2.51 0.00	79.62 3.61 0.00	107.35 5.60 0.00	82.91 4.54 0.00	94.73 5.61 -0.69	94.42 5.53 -2.28	116.96 5.85 0.00	112.96 4.80 0.00	93.54 3.74 -7.05
E179THST_13_KV_LOAD 356214	78.79 3.19 0.00	77.19 3.01 0.00	72.77 2.48 0.00	56.35 1.89 0.00	54.50 1.72 0.00	54.22 1.86 0.00	74.89 2.79 0.00	77.99 3.14 -6.99	66.89 2.99 -1.49	43.03 1.99 0.00	51.05 2.65 0.00	41.35 2.23 0.00	42.97 2.34 0.00	42.74 2.42 0.00	43.43 2.42 0.14	51.64 2.76 0.00	80.04 4.03 0.00	107.94 6.19 0.00	83.36 5.00 0.00	95.24 6.11 -0.69	94.90 6.01 -2.28	117.55 6.44 0.00	113.52 5.35 0.00	93.95 4.16 -7.05
EAST HAMPTON___GT 23717	79.12 3.52 0.00	77.61 3.43 0.00	73.10 2.80 0.00	56.48 2.02 0.00	54.78 1.99 0.00	54.78 2.42 0.00	75.86 3.77 0.00	78.87 4.01 -6.99	67.18 3.28 -1.49	43.39 2.35 0.00	52.68 3.38 -0.90	41.44 1.94 -0.39	42.36 1.72 0.00	41.85 1.52 0.00	42.83 1.82 0.14	51.60 2.72 0.00	80.73 4.71 0.00	162.08 7.25 -53.08	164.34 5.89 -80.08	139.32 7.30 -43.58	117.23 6.96 -23.64	118.55 7.44 0.00	114.09 5.93 0.00	95.55 4.90 -7.90
EAST RIVER___6 23660	78.37 2.77 0.00	76.80 2.63 0.00	72.47 2.18 0.00	56.12 1.65 0.00	54.19 1.41 0.00	53.91 1.56 0.00	74.43 2.33 0.00	77.57 2.71 -6.99	66.50 2.59 -1.49	42.81 1.77 0.00	50.77 2.37 0.00	41.20 2.08 0.00	42.78 2.15 0.00	42.51 2.18 0.00	43.25 2.24 0.14	51.44 2.57 0.00	79.60 3.59 0.00	107.26 5.51 0.00	82.81 4.45 0.00	94.60 5.48 -0.69	94.32 5.42 -2.28	116.77 5.66 0.00	112.79 4.63 0.00	93.53 3.74 -7.05
EAST RIVER___7 23524	78.37 2.77 0.00	76.80 2.63 0.00	72.47 2.18 0.00	56.12 1.65 0.00	54.19 1.41 0.00	53.91 1.56 0.00	74.43 2.33 0.00	77.57 2.71 -6.99	66.50 2.59 -1.49	42.81 1.77 0.00	50.77 2.37 0.00	41.20 2.08 0.00	42.78 2.15 0.00	42.51 2.18 0.00	43.25 2.24 0.14	51.44 2.57 0.00	79.60 3.59 0.00	107.26 5.51 0.00	82.81 4.45 0.00	94.60 5.48 -0.69	94.32 5.42 -2.28	116.77 5.66 0.00	112.79 4.63 0.00	93.53 3.74 -7.05
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	78.41 2.81 0.00	76.90 2.72 0.00	72.61 2.32 0.00	56.20 1.74 0.00	54.40 1.61 0.00	54.03 1.67 0.00	74.57 2.47 0.00	77.61 2.76 -6.97	66.49 2.59 -1.48	42.70 1.66 0.00	50.60 2.20 0.00	41.01 1.89 0.00	42.58 1.95 0.00	42.30 1.97 0.00	43.05 2.04 0.14	51.26 2.39 0.00	79.46 3.45 0.00	107.05 5.30 0.00	82.63 4.27 0.00	94.33 5.21 -0.68	94.06 5.17 -2.27	116.70 5.59 0.00	112.83 4.67 0.00	93.49 3.70 -7.04
EAST_HAMPTON___DIESEL 23722	78.91 3.31 0.00	77.39 3.21 0.00	72.90 2.60 0.00	56.33 1.87 0.00	54.63 1.84 0.00	54.63 2.27 0.00	75.68 3.58 0.00	78.69 3.83 -6.99	67.02 3.11 -1.49	43.31 2.26 0.00	52.59 3.29 -0.90	41.33 1.82 -0.39	42.24 1.60 0.00	41.71 1.38 0.00	42.70 1.69 0.14	51.44 2.57 0.00	80.49 4.47 0.00	161.76 6.93 -53.08	164.10 5.65 -80.08	139.04 7.02 -43.58	116.96 6.70 -23.64	118.17 7.06 0.00	113.74 5.58 0.00	95.30 4.65 -7.90
EAST_POINT___SOLAR 323840	80.44 4.84 0.00	78.82 4.65 0.00	74.67 4.37 0.00	57.87 3.41 0.00	56.14 3.36 0.00	55.95 3.59 0.00	77.52 5.42 0.00	145.43 5.17 -72.39	82.03 4.21 -15.40	43.05 2.01 0.00	50.12 1.73 0.00	40.11 1.00 0.00	41.77 1.14 0.00	41.67 1.34 0.00	42.68 1.68 0.15	51.66 2.79 0.00	81.42 5.40 0.00	110.00 8.24 0.00	84.98 6.62 0.00	102.71 7.14 -7.13	117.14 6.79 -23.73	119.71 8.60 0.00	116.19 8.03 0.00	162.09 5.93 -73.41
EAST_PULASKI___ESR 323781	72.66 -2.94 0.00	71.21 -2.96 0.00	67.59 -2.70 0.00	52.46 -2.00 0.00	50.92 -1.87 0.00	50.68 -1.67 0.00	69.86 -2.24 0.00	65.71 -2.16 0.00	60.36 -2.05 0.00	39.51 -1.53 0.00	46.49 -1.90 0.00	37.62 -1.49 0.00	39.05 -1.58 0.00	38.78 -1.55 0.00	38.33 -1.55 1.27	46.98 -1.89 0.00	73.16 -2.86 0.00	98.39 -3.36 0.00	76.02 -2.35 0.00	85.50 -3.02 -0.07	83.78 -2.92 -0.08	108.85 -3.50 -1.24	105.14 -3.78 -0.77	80.26 -3.06 -0.57
EAST_RIVER___1 323558	78.48 2.88 0.00	76.91 2.73 0.00	72.56 2.27 0.00	56.20 1.73 0.00	54.33 1.54 0.00	54.03 1.67 0.00	74.57 2.47 0.00	77.69 2.83 -6.99	66.59 2.68 -1.49	42.85 1.81 0.00	50.82 2.42 0.00	41.24 2.12 0.00	42.80 2.16 0.00	42.54 2.21 0.00	43.28 2.28 0.14	51.48 2.61 0.00	79.67 3.66 0.00	107.33 5.58 0.00	82.86 4.49 0.00	94.69 5.56 -0.69	94.41 5.51 -2.28	116.99 5.88 0.00	113.05 4.90 0.00	93.67 3.87 -7.05
EAST_RIVER___2 323559	78.37 2.77 0.00	76.80 2.63 0.00	72.47 2.18 0.00	56.12 1.65 0.00	54.19 1.41 0.00	53.91 1.56 0.00	74.43 2.33 0.00	77.57 2.71 -6.99	66.50 2.59 -1.49	42.81 1.77 0.00	50.77 2.37 0.00	41.20 2.08 0.00	42.78 2.15 0.00	42.51 2.18 0.00	43.25 2.24 0.14	51.44 2.57 0.00	79.60 3.59 0.00	107.26 5.51 0.00	82.81 4.45 0.00	94.60 5.48 -0.69	94.32 5.42 -2.28	116.77 5.66 0.00	112.79 4.63 0.00	93.53 3.74 -7.05
EAST___DELAWARE_HYD 23607	76.93 1.33 0.00	75.48 1.30 0.00	71.40 1.10 0.00	55.24 0.78 0.00	53.50 0.71 0.00	53.18 0.82 0.00	73.52 1.42 0.00	77.00 1.76 -7.37	65.60 1.62 -1.57	42.05 1.01 0.00	49.49 1.09 0.00	39.87 0.75 0.00	41.37 0.74 0.00	41.17 0.84 0.00	41.82 0.82 0.15	49.99 1.12 0.00	78.04 2.02 0.00	105.55 3.79 0.00	81.49 3.12 0.00	92.97 3.80 -0.74	92.76 3.69 -2.45	114.92 3.81 0.00	111.15 2.99 0.00	92.61 2.27 -7.59
EIGHT_POINT___WT_PWR 323820	60.80 -9.44 5.36	65.86 -8.31 0.00	62.22 -8.08 0.00	48.20 -6.25 0.00	47.29 -5.50 0.00	47.05 -5.31 0.00	64.57 -7.53 0.00	62.21 -7.79 -2.12	61.00 -7.18 -5.76	36.13 -4.91 0.00	45.47 -6.54 -3.61	35.77 -5.45 -2.11	34.83 -5.80 0.00	35.56 -5.69 -0.92	44.78 -5.75 -9.37	52.02 -6.15 -9.29	68.38 -7.76 -0.12	94.73 -7.02 0.00	74.11 -4.25 0.00	82.42 -5.70 0.32	80.80 -5.89 -0.07	93.32 -9.13 8.66	94.61 -8.20 5.35	75.06 -5.73 1.95
ELBRIDGE_115KV_TB2 80188	72.62 -2.98 0.00	71.26 -2.92 0.00	67.61 -2.69 0.00	52.35 -2.11 0.00	50.89 -1.90 0.00	50.59 -1.77 0.00	69.71 -2.39 0.00	65.58 -2.29 0.00	60.32 -2.10 0.00	39.50 -1.54 0.00	46.42 -1.98 0.00	37.51 -1.61 0.00	38.88 -1.75 0.00	38.62 -1.71 0.00	38.08 -1.74 1.33	46.86 -2.01 0.00	73.34 -2.67 0.00	98.76 -3.00 0.00	76.41 -1.95 0.00	85.66 -2.56 0.22	83.68 -2.69 0.25	103.64 -3.78 3.68	102.04 -3.84 2.28	78.01 -3.04 1.69
ELEC_TRO_TEK 24086	79.37 3.77 0.00	77.82 3.64 0.00	73.42 3.12 0.00	56.76 2.30 0.00	54.97 2.19 0.00	54.66 2.30 0.00	75.36 3.26 0.00	78.38 3.52 -6.99	67.18 3.28 -1.49	43.08 2.04 0.00	52.20 2.90 -0.90	41.98 2.47 -0.39	43.07 2.44 0.00	42.60 2.27 0.00	43.39 2.38 0.14	51.86 2.99 0.00	80.56 4.55 0.00	161.62 6.80 -53.07	163.89 5.45 -80.08	138.60 6.59 -43.58	116.77 6.51 -23.64	118.21 7.10 0.00	114.09 5.93 0.00	95.54 4.89 -7.90

ELLENBURG_WT_PWR 323604	75.72 0.12 0.00	73.92 -0.26 0.00	69.89 -0.41 0.00	54.11 -0.35 0.00	52.22 -0.56 0.00	52.24 -0.12 0.00	71.73 -0.37 0.00	52.54 -0.61 14.72	-20.75 -0.98 82.19	-9.00 -0.43 49.61	9.32 -0.55 38.53	28.96 -0.52 9.64	40.16 -0.48 0.00	39.89 -0.44 0.00	40.65 -0.42 0.08	48.63 -0.24 0.00	75.98 -0.03 0.00	101.67 -0.09 0.00	77.85 -0.52 0.00	87.32 -1.12 0.00	85.64 -0.97 0.00	110.54 -0.57 0.00	108.84 0.68 0.00	83.46 0.71 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	65.63 -7.91 2.06	66.60 -7.57 0.00	63.50 -6.79 0.00	49.21 -5.25 0.00	48.07 -4.71 0.00	48.17 -4.18 0.00	65.49 -6.61 0.00	60.67 -7.17 0.04	54.07 -6.63 1.72	36.77 -4.27 0.00	40.09 -5.29 3.03	33.81 -4.60 0.71	35.76 -4.87 0.00	35.15 -4.87 0.31	31.46 -4.96 4.73	40.29 -5.50 3.08	68.12 -7.85 0.04	91.85 -9.90 0.00	71.49 -6.88 0.00	78.11 -9.62 0.71	75.82 -10.00 0.81	86.39 -12.90 11.82	89.57 -11.29 7.30	68.72 -8.59 5.44
EMPIRE_CC_1 323656	78.42 2.82 0.00	77.01 2.83 0.00	72.94 2.65 0.00	56.49 2.03 0.00	54.71 1.92 0.00	54.12 1.76 0.00	74.46 2.37 0.00	90.38 2.42 -20.09	68.99 2.30 -4.27	42.54 1.50 0.00	50.27 1.87 0.00	40.72 1.61 0.00	42.34 1.71 0.00	42.01 1.68 0.00	42.76 1.72 0.11	50.85 1.98 0.00	78.74 2.72 0.00	105.72 3.97 0.00	81.47 3.11 0.00	94.09 3.74 -1.90	96.90 3.95 -6.33	115.54 4.43 0.00	112.14 3.98 0.00	105.73 3.39 -19.58
EMPIRE_CC_2 323658	78.42 2.82 0.00	77.01 2.83 0.00	72.94 2.65 0.00	56.49 2.03 0.00	54.71 1.92 0.00	54.12 1.76 0.00	74.46 2.37 0.00	90.38 2.42 -20.09	68.99 2.30 -4.27	42.54 1.50 0.00	50.27 1.87 0.00	40.72 1.61 0.00	42.34 1.71 0.00	42.01 1.68 0.00	42.76 1.72 0.11	50.85 1.98 0.00	78.74 2.72 0.00	105.72 3.97 0.00	81.47 3.11 0.00	94.09 3.74 -1.90	96.90 3.95 -6.33	115.54 4.43 0.00	112.14 3.98 0.00	105.73 3.39 -19.58
ENORWICH_115KV_TB1 80156	80.60 1.84 -3.17	74.96 0.78 0.00	70.94 0.65 0.00	54.47 0.01 0.00	53.06 0.28 0.00	53.13 0.76 0.00	73.68 1.58 0.00	74.55 1.86 -4.81	65.11 1.33 -1.36	41.36 0.32 0.00	50.38 0.13 -1.85	39.34 0.10 -0.13	40.48 -0.15 0.00	40.24 -0.14 -0.05	40.67 -0.27 0.21	49.58 0.21 -0.51	77.89 1.87 -0.01	106.91 5.16 0.00	83.26 4.89 0.00	93.80 5.15 -0.21	92.61 4.71 -1.28	112.69 5.98 4.41	110.67 5.23 2.72	89.41 3.80 -2.86
ERIE_ST__34_KV_TB1-2 80199	66.99 -6.43 2.18	67.98 -6.19 0.00	64.80 -5.50 0.00	50.20 -4.26 0.00	49.11 -3.68 0.00	49.23 -3.13 0.00	66.92 -5.18 0.00	62.16 -5.68 0.03	55.73 -5.25 1.45	37.63 -3.41 0.00	41.37 -4.27 2.76	34.77 -3.76 0.60	36.62 -4.02 0.00	36.06 -4.01 0.26	32.93 -4.07 4.16	41.81 -4.46 2.60	69.70 -6.28 0.03	94.00 -7.76 0.00	73.22 -5.15 0.00	80.17 -7.58 0.69	77.80 -8.03 0.78	88.79 -10.83 11.49	91.66 -9.40 7.10	70.28 -7.18 5.29
ERIE_WT_PWR 323693	65.92 -7.53 2.15	66.95 -7.23 0.00	63.84 -6.46 0.00	49.41 -5.05 0.00	48.35 -4.44 0.00	48.44 -3.92 0.00	65.85 -6.25 0.00	61.09 -6.75 0.04	54.49 -6.29 1.64	37.00 -4.04 0.00	40.38 -5.04 2.97	34.02 -4.42 0.67	35.98 -4.66 0.00	35.37 -4.66 0.30	31.87 -4.72 4.56	40.72 -5.21 2.94	68.53 -7.45 0.04	92.56 -9.19 0.00	72.10 -6.27 0.00	78.84 -8.90 0.70	76.60 -9.23 0.79	87.52 -11.98 11.60	90.50 -10.49 7.17	69.42 -7.99 5.34
ESPRGFLD_115KV_TB1 80157	77.54 1.94 0.00	76.00 1.82 0.00	72.02 1.72 0.00	55.76 1.30 0.00	54.10 1.32 0.00	53.82 1.46 0.00	74.46 2.36 0.00	122.01 2.25 -51.88	75.31 1.85 -11.04	42.02 0.98 0.00	49.31 0.91 0.00	39.76 0.64 0.00	41.24 0.61 0.00	40.93 0.61 0.00	41.64 0.73 0.25	49.93 1.06 0.00	78.45 2.44 0.00	105.82 4.07 0.00	81.82 3.46 0.00	97.05 3.59 -5.02	106.77 3.25 -16.90	113.62 4.14 1.63	110.96 3.81 1.00	137.34 2.72 -51.87
ETNA_115_KV_TB1_REV_LBMP_C 345029	82.52 -1.01 -7.93	73.11 -1.07 0.00	69.34 -0.96 0.00	53.62 -0.84 0.00	52.20 -0.59 0.00	51.99 -0.37 0.00	71.76 -0.34 0.00	69.96 -0.26 -2.35	63.24 -0.29 -1.11	40.54 -0.50 0.00	51.90 -0.82 -4.32	38.53 -0.80 -0.21	39.63 -1.00 0.00	39.39 -1.03 -0.09	40.05 -1.07 0.03	48.66 -1.05 -0.84	75.15 -0.87 -0.01	101.94 0.19 0.00	79.10 0.73 0.00	88.84 0.48 0.08	87.28 0.24 -0.42	105.82 -0.10 5.18	104.55 -0.41 3.20	82.32 -0.43 0.00
ETNA____115KV_TB2 80207	82.52 -1.01 -7.93	73.11 -1.07 0.00	69.34 -0.96 0.00	53.62 -0.84 0.00	52.20 -0.59 0.00	51.99 -0.37 0.00	71.76 -0.34 0.00	69.96 -0.26 -2.35	63.24 -0.29 -1.11	40.54 -0.50 0.00	51.90 -0.82 -4.32	38.53 -0.80 -0.21	39.63 -1.00 0.00	39.39 -1.03 -0.09	40.05 -1.07 0.03	48.66 -1.05 -0.84	75.15 -0.87 -0.01	101.94 0.19 0.00	79.10 0.73 0.00	88.84 0.48 0.08	87.28 0.24 -0.42	105.82 -0.10 5.18	104.55 -0.41 3.20	82.32 -0.43 0.00
EUCLID____115KV_TB2 356179	72.17 -3.43 0.00	70.83 -3.35 0.00	67.18 -3.12 0.00	52.05 -2.41 0.00	50.56 -2.22 0.00	50.27 -2.10 0.00	69.24 -2.86 0.00	65.15 -2.72 0.00	59.92 -2.50 0.00	39.31 -1.73 0.00	46.29 -2.11 0.00	37.39 -1.72 0.00	38.78 -1.85 0.00	38.49 -1.83 0.00	37.97 -1.87 1.31	46.74 -2.13 0.00	72.99 -3.03 0.00	98.08 -3.67 0.00	75.77 -2.60 0.00	84.64 -3.27 0.53	82.67 -3.34 0.61	97.74 -4.47 8.90	98.16 -4.51 5.50	75.15 -3.50 4.10
E_CANADA_CAP_HY 24051	78.99 3.39 0.00	77.40 3.23 0.00	73.31 3.02 0.00	56.83 2.36 0.00	55.10 2.31 0.00	54.87 2.51 0.00	75.87 3.77 0.00	138.56 3.40 -67.29	79.48 2.75 -14.32	42.52 1.48 0.00	49.74 1.34 0.00	40.01 0.89 0.00	41.54 0.91 0.00	41.27 0.94 0.00	42.20 1.22 0.17	50.64 1.76 0.00	79.60 3.59 0.00	107.16 5.40 0.00	82.69 4.32 0.00	99.56 4.57 -6.56	112.89 4.30 -21.97	115.63 5.76 1.25	112.91 5.52 0.77	154.47 4.06 -67.66
E_CANADA_MHWK_HY 24050	78.40 2.80 0.00	76.71 2.53 0.00	72.60 2.30 0.00	56.05 1.59 0.00	54.51 1.72 0.00	53.95 1.60 0.00	74.79 2.69 0.00	70.57 2.70 0.00	64.69 2.27 0.00	42.11 1.07 0.00	49.30 0.91 0.00	39.80 0.68 0.00	41.48 0.85 0.00	41.12 0.79 0.00	42.30 1.27 0.12	50.60 1.73 0.00	78.81 2.79 0.00	107.24 5.49 0.00	82.78 4.42 0.00	93.72 5.28 0.00	92.06 5.44 0.00	116.98 5.87 0.00	112.57 4.42 0.00	86.26 3.52 0.00
E_FISHKILL____LBMP 23776	78.27 2.67 0.00	76.79 2.62 0.00	72.57 2.28 0.00	56.18 1.71 0.00	54.38 1.60 0.00	53.98 1.62 0.00	74.42 2.32 0.00	77.58 2.59 -7.11	66.35 2.42 -1.51	42.57 1.53 0.00	50.42 2.02 0.00	40.85 1.73 0.00	42.43 1.79 0.00	42.15 1.81 0.00	42.90 1.89 0.14	51.06 2.19 0.00	79.22 3.21 0.00	106.66 4.91 0.00	82.31 3.94 0.00	93.95 4.82 -0.70	93.71 4.78 -2.32	116.26 5.15 0.00	112.47 4.32 0.00	93.36 3.45 -7.17
FALCON____SEABRD_CC1 323796	76.66 1.06 0.00	74.82 0.64 0.00	70.74 0.44 0.00	54.73 0.27 0.00	52.79 0.00 0.00	52.57 0.21 0.00	72.27 0.17 0.00	52.04 -0.06 15.77	-26.08 -0.46 88.05	-12.19 -0.08 53.14	6.97 -0.15 41.27	28.58 -0.21 10.33	40.44 -0.19 0.00	40.16 -0.17 0.00	40.94 -0.13 0.08	49.05 0.18 0.00	76.68 0.67 0.00	102.83 1.08 0.00	78.79 0.42 0.00	88.20 -0.24 0.00	86.45 -0.17 0.00	111.39 0.28 0.00	109.69 1.53 0.00	84.49 1.74 0.00

FALCON___SEABRD_CC2 323797	76.66 1.06 0.00	74.82 0.64 0.00	70.74 0.44 0.00	54.73 0.27 0.00	52.79 0.00 0.00	52.57 0.21 0.00	72.27 0.17 0.00	52.04 -0.06 15.77	-26.08 -0.46 88.05	-12.19 -0.08 53.14	6.97 -0.15 41.27	28.58 -0.21 10.33	40.44 -0.19 0.00	40.16 -0.17 0.00	40.94 -0.13 0.08	49.05 0.18 0.00	76.68 0.67 0.00	102.83 1.08 0.00	78.79 0.42 0.00	88.20 -0.24 0.00	86.45 0.67 0.00	111.39 0.28 0.00	109.69 1.53 0.00	84.49 1.74 0.00
FAR ROCKAWAY___4 23548	80.18 4.58 0.00	78.60 4.42 0.00	74.15 3.86 0.00	57.30 2.84 0.00	55.50 2.72 0.00	55.20 2.85 0.00	76.21 4.11 0.00	79.15 4.29 -6.99	67.88 3.98 -1.49	43.53 2.48 0.00	52.71 3.41 -0.90	42.42 2.92 -0.39	43.50 2.87 0.00	42.99 2.66 0.00	43.85 2.84 0.14	52.41 3.54 0.00	81.48 5.46 0.00	162.94 8.12 -53.07	164.75 6.30 -80.08	139.61 7.59 -43.58	117.86 7.59 -23.64	119.56 8.44 0.00	115.38 7.21 0.00	96.56 5.91 -7.90
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	78.51 2.91 0.00	76.95 2.77 0.00	72.61 2.31 0.00	56.22 1.76 0.00	54.38 1.59 0.00	54.07 1.71 0.00	74.61 2.51 0.00	77.73 2.87 -6.99	66.63 2.72 -1.49	42.87 1.83 0.00	50.85 2.46 0.00	41.25 2.13 0.00	42.82 2.19 0.00	42.56 2.23 0.00	43.32 2.31 0.14	51.50 2.63 0.00	79.71 3.70 0.00	107.40 5.64 0.00	82.91 4.54 0.00	94.72 5.60 -0.69	94.47 5.57 -2.28	117.11 6.00 0.00	113.17 5.01 0.00	93.74 3.95 -7.05
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	78.56 2.96 0.00	76.98 2.81 0.00	72.64 2.34 0.00	56.25 1.79 0.00	54.40 1.62 0.00	54.09 1.73 0.00	74.66 2.56 0.00	77.77 2.91 -6.99	66.67 2.76 -1.49	42.89 1.85 0.00	50.87 2.47 0.00	41.27 2.15 0.00	42.83 2.20 0.00	42.57 2.24 0.00	43.33 2.32 0.14	51.52 2.65 0.00	79.73 3.72 0.00	107.42 5.67 0.00	82.94 4.58 0.00	94.78 5.66 -0.69	94.52 5.62 -2.28	117.19 6.08 0.00	113.20 5.04 0.00	93.78 3.99 -7.05
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	78.42 2.82 0.00	76.86 2.69 0.00	72.52 2.22 0.00	56.17 1.70 0.00	54.31 1.53 0.00	54.01 1.65 0.00	74.53 2.43 0.00	77.65 2.79 -6.99	66.54 2.64 -1.49	42.81 1.77 0.00	50.77 2.38 0.00	41.20 2.08 0.00	42.75 2.12 0.00	42.50 2.17 0.00	43.25 2.24 0.14	51.43 2.55 0.00	79.58 3.57 0.00	107.22 5.47 0.00	82.77 4.40 0.00	94.59 5.46 -0.69	94.34 5.45 -2.28	116.96 5.85 0.00	112.99 4.83 0.00	93.63 3.83 -7.05
FARRAGUT___LBMP 323566	78.42 2.82 0.00	76.86 2.69 0.00	72.52 2.22 0.00	56.17 1.70 0.00	54.31 1.53 0.00	54.01 1.65 0.00	74.53 2.43 0.00	77.65 2.79 -6.99	66.54 2.64 -1.49	42.81 1.77 0.00	50.77 2.38 0.00	41.20 2.08 0.00	42.75 2.12 0.00	42.50 2.17 0.00	43.25 2.24 0.14	51.43 2.55 0.00	79.58 3.57 0.00	107.22 5.47 0.00	82.77 4.40 0.00	94.59 5.46 -0.69	94.34 5.45 -2.28	116.96 5.85 0.00	112.99 4.83 0.00	93.63 3.83 -7.05
FENNER___WINDPWR 24204	77.04 -0.05 -1.48	74.11 -0.07 0.00	70.32 0.03 0.00	54.54 0.08 0.00	52.94 0.16 0.00	52.66 0.30 0.00	72.81 0.71 0.00	68.57 0.69 0.00	63.00 0.59 0.00	41.30 0.26 0.00	49.35 0.25 -0.70	39.24 0.12 0.00	40.70 0.07 0.00	40.47 0.14 0.00	40.47 0.19 0.87	49.14 0.27 0.00	76.77 0.76 0.00	103.02 1.27 0.00	79.61 1.24 0.00	89.32 1.16 0.28	87.33 1.03 0.31	107.60 1.10 4.61	106.06 0.75 2.85	81.06 0.44 2.12
FIBERTEK___ENERGY 23856	72.65 -2.95 0.00	71.28 -2.90 0.00	67.61 -2.69 0.00	52.37 -2.09 0.00	50.89 -1.89 0.00	50.61 -1.75 0.00	69.74 -2.36 0.00	65.65 -2.22 0.00	60.36 -2.05 0.00	39.56 -1.48 0.00	46.55 -1.85 0.00	37.61 -1.51 0.00	38.99 -1.64 0.00	38.71 -1.62 0.00	38.18 -1.65 1.32	47.00 -1.87 0.00	73.50 -2.52 0.00	98.88 -2.87 0.00	76.44 -1.93 0.00	85.65 -2.53 0.25	83.67 -2.66 0.29	103.19 -3.67 4.25	101.78 -3.75 2.63	77.81 -2.98 1.96
FITZPATRICK____ 23598	71.68 -3.92 0.00	70.32 -3.86 0.00	66.71 -3.59 0.00	51.69 -2.77 0.00	50.18 -2.60 0.00	49.84 -2.52 0.00	68.63 -3.47 0.00	64.57 -3.31 0.00	59.38 -3.04 0.00	38.98 -2.06 0.00	45.91 -2.49 0.00	37.09 -2.03 0.00	38.49 -2.14 0.00	38.20 -2.13 0.00	37.11 -2.16 1.88	46.34 -2.53 0.00	72.29 -3.72 0.00	97.06 -4.69 0.00	74.91 -3.45 0.00	84.21 -4.15 0.08	82.36 -4.16 0.09	104.31 -5.45 1.35	101.94 -5.39 0.83	77.96 -4.17 0.62
FLOWRFLD_69_KV_BK1 356044	81.03 5.43 0.00	79.43 5.25 0.00	74.88 4.59 0.00	57.84 3.38 0.00	56.06 3.27 0.00	55.84 3.48 0.00	77.07 4.98 0.00	80.01 5.15 -6.99	68.48 4.57 -1.49	43.80 2.76 0.00	53.13 3.83 -0.90	42.59 3.09 -0.39	43.58 2.94 0.00	43.09 2.76 0.00	43.97 2.96 0.14	52.84 3.97 0.00	82.37 6.36 0.00	164.04 9.21 -53.08	165.77 7.32 -80.08	140.90 8.89 -43.58	118.93 8.67 -23.64	120.77 9.66 0.00	116.32 8.16 0.00	97.12 6.47 -7.90
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	79.23 3.63 0.00	77.71 3.53 0.00	73.45 3.15 0.00	56.84 2.38 0.00	55.03 2.25 0.00	54.68 2.32 0.00	75.48 3.38 0.00	78.69 3.61 -7.21	67.27 3.32 -1.53	43.16 2.12 0.00	51.01 2.61 0.00	41.27 2.15 0.00	42.86 2.23 0.00	42.57 2.24 0.00	43.36 2.35 0.14	51.70 2.83 0.00	80.39 4.37 0.00	108.35 6.59 0.00	83.65 5.28 0.00	95.44 6.29 -0.71	95.15 6.17 -2.36	118.02 6.91 0.00	114.14 5.97 0.00	94.69 4.63 -7.31
FORT ORANGE____ 23900	78.55 2.95 0.00	77.11 2.94 0.00	73.07 2.77 0.00	56.60 2.15 0.00	54.81 2.02 0.00	54.06 1.70 0.00	73.89 1.79 0.00	103.66 1.88 -33.91	71.42 1.79 -7.22	42.24 1.20 0.00	49.93 1.53 0.00	40.43 1.31 0.00	42.00 1.37 0.00	41.66 1.33 0.00	42.36 1.32 0.11	50.24 1.37 0.00	78.21 2.20 0.00	105.10 3.34 0.00	80.92 2.55 0.00	95.28 3.19 -3.65	102.11 3.34 -12.15	114.90 3.79 0.00	111.67 3.51 0.00	123.90 3.57 -37.58
FORT_DRUM_COGEN 23780	74.85 -0.75 0.00	73.17 -1.00 0.00	69.51 -0.79 0.00	54.30 -0.16 0.00	52.52 -0.27 0.00	52.44 0.08 0.00	72.90 0.80 0.00	68.28 0.41 0.00	62.54 0.12 0.00	40.72 -0.33 0.00	47.74 -0.66 0.00	38.53 -0.59 0.00	40.16 -0.47 0.00	40.00 -0.33 0.00	40.05 -0.28 0.82	48.40 -0.47 0.00	75.74 -0.28 0.00	102.03 0.28 0.00	78.71 0.34 0.00	88.46 0.02 0.00	87.10 0.48 0.00	112.64 1.54 0.00	108.91 0.75 0.00	82.90 0.15 0.00
FOX_HILLS___ESR 323835	78.63 3.03 0.00	77.24 3.06 0.00	72.84 2.55 0.00	56.27 1.81 0.00	56.57 1.72 -2.07	59.12 1.92 -4.85	74.90 2.69 -0.11	77.83 2.97 -6.99	67.98 2.81 -2.76	55.51 1.84 -12.63	55.79 2.43 -4.96	55.17 2.14 -13.91	55.47 2.30 -12.54	55.35 2.34 -12.68	55.46 2.40 -11.91	58.52 2.71 -6.94	80.39 3.77 -0.60	107.41 5.83 0.17	142.43 4.83 -59.23	249.55 5.97 -155.14	153.19 5.84 -60.73	117.40 6.29 0.00	113.19 5.03 0.00	93.74 3.94 -7.05
FPL FAR_ROCK_GT1 24212	80.18 4.58 0.00	78.60 4.42 0.00	74.15 3.85 0.00	57.30 2.84 0.00	55.50 2.71 0.00	55.20 2.84 0.00	76.20 4.10 0.00	79.15 4.29 -6.99	67.89 3.98 -1.49	43.53 2.49 0.00	52.70 3.40 -0.90	42.42 2.91 -0.39	43.50 2.86 0.00	42.98 2.65 0.00	43.84 2.83 0.14	52.40 3.53 0.00	81.47 5.46 0.00	162.95 8.12 -53.07	164.75 6.30 -80.08	139.61 7.59 -43.58	117.86 7.59 -23.64	119.53 8.42 0.00	115.35 7.18 0.00	96.55 5.90 -7.90

FPL FAR_ROCK_GT2 23815	80.18 4.58 0.00	78.60 4.42 0.00	74.15 3.85 0.00	57.30 2.84 0.00	55.50 2.71 0.00	55.20 2.84 0.00	76.20 4.10 0.00	79.15 4.29 -6.99	67.89 3.98 -1.49	43.53 2.49 0.00	52.70 3.40 -0.90	42.42 2.91 -0.39	43.50 2.86 0.00	42.98 2.65 0.00	43.84 2.83 0.14	52.40 3.53 0.00	81.47 5.46 0.00	162.95 8.12 -53.07	164.75 6.30 -80.08	139.61 7.59 -43.58	117.86 7.59 -23.64	119.53 8.42 0.00	115.35 7.18 0.00	96.55 5.90 -7.90
FRANKLIN_FALL_HYD 24054	77.49 1.90 0.00	75.68 1.50 0.00	71.65 1.35 0.00	55.58 1.12 0.00	53.63 0.84 0.00	53.67 1.31 0.00	73.93 1.83 0.00	70.28 1.38 -1.02	69.09 0.98 -5.69	45.38 0.91 -3.43	52.07 1.00 -2.67	40.49 0.71 -0.67	41.37 0.74 0.00	41.10 0.77 0.00	41.82 0.79 0.12	49.96 1.09 0.00	77.86 1.85 0.00	103.99 2.24 0.00	79.68 1.31 0.00	89.32 0.88 0.00	87.66 1.04 0.00	113.39 2.28 0.00	111.57 3.42 0.00	85.52 2.77 0.00
FREEPORT_EQUS_GT1 23764	79.75 4.15 0.00	78.20 4.02 0.00	73.76 3.47 0.00	57.02 2.55 0.00	55.21 2.42 0.00	54.95 2.59 0.00	75.57 3.47 0.00	78.55 3.69 -6.99	67.51 3.61 -1.49	43.25 2.21 0.00	52.44 3.14 -0.90	42.14 2.64 -0.39	43.21 2.58 0.00	42.66 2.33 0.00	43.50 2.49 0.14	52.07 3.19 0.00	80.98 4.96 0.00	162.03 7.21 -53.07	164.20 5.75 -80.08	138.93 6.91 -43.58	117.11 6.85 -23.64	118.57 7.46 0.00	114.34 6.18 0.00	95.93 5.29 -7.90
FREEPORT___CT2 23818	79.75 4.15 0.00	78.20 4.02 0.00	73.76 3.47 0.00	57.02 2.55 0.00	55.21 2.42 0.00	54.95 2.59 0.00	75.57 3.47 0.00	78.55 3.69 -6.99	67.51 3.61 -1.49	43.25 2.21 0.00	52.44 3.14 -0.90	42.14 2.64 -0.39	43.21 2.58 0.00	42.66 2.33 0.00	43.50 2.49 0.14	52.07 3.19 0.00	80.98 4.96 0.00	162.03 7.21 -53.07	164.20 5.75 -80.08	138.93 6.91 -43.58	117.11 6.85 -23.64	118.57 7.46 0.00	114.34 6.18 0.00	95.93 5.29 -7.90
FRESHKLS_33_KV_LOAD 356253	78.49 2.89 0.00	77.16 2.98 0.00	72.78 2.49 0.00	56.17 1.71 0.00	56.50 1.65 -2.07	59.09 1.88 -4.85	74.79 2.57 -0.11	77.70 2.83 -6.99	67.81 2.64 -2.76	55.35 1.68 -12.63	55.58 2.22 -4.96	55.02 2.00 -13.91	55.36 2.19 -12.54	55.24 2.23 -12.68	55.37 2.31 -11.91	58.42 2.61 -6.94	80.23 3.62 -0.60	107.27 5.67 0.15	142.36 4.76 -59.24	249.47 5.89 -155.14	153.05 5.71 -60.73	117.19 6.08 0.00	112.87 4.71 0.00	93.49 3.70 -7.05
FULTON COGEN____ 23766	72.09 -3.50 0.00	70.74 -3.44 0.00	67.11 -3.19 0.00	51.97 -2.49 0.00	50.49 -2.29 0.00	50.19 -2.17 0.00	69.15 -2.95 0.00	65.09 -2.78 0.00	59.87 -2.55 0.00	39.26 -1.78 0.00	46.24 -2.15 0.00	37.38 -1.74 0.00	38.78 -1.85 0.00	38.49 -1.84 0.00	37.85 -1.89 1.41	46.70 -2.17 0.00	72.84 -3.18 0.00	97.99 -3.76 0.00	75.70 -2.67 0.00	85.20 -3.35 -0.10	83.31 -3.42 -0.12	108.23 -4.63 -1.75	104.56 -4.68 -1.08	79.89 -3.66 -0.81
FULTON___LFGE 323630	79.85 4.25 0.00	78.26 4.09 0.00	74.11 3.82 0.00	57.45 2.99 0.00	55.71 2.93 0.00	55.43 3.07 0.00	76.70 4.60 0.00	145.94 4.40 -73.68	81.74 3.65 -15.68	42.84 1.80 0.00	50.05 1.65 0.00	40.15 1.03 0.00	41.79 1.15 0.00	41.64 1.31 0.00	42.87 1.87 0.14	51.40 2.53 0.00	80.70 4.69 0.00	108.85 7.09 0.00	84.00 5.63 0.00	101.84 6.15 -7.26	116.62 5.85 -24.15	118.42 7.31 0.00	114.97 6.81 0.00	162.53 5.07 -74.71
G.F.CEMENT___DRP 24184	81.43 5.83 0.00	79.85 5.67 0.00	75.72 5.43 0.00	58.92 4.46 0.00	57.15 4.36 0.00	56.77 4.41 0.00	78.44 6.34 0.00	148.76 6.34 -74.55	83.99 5.71 -15.86	44.59 3.55 0.00	52.57 4.18 0.00	42.47 3.35 0.00	44.06 3.42 0.00	43.71 3.38 0.00	44.52 3.47 0.10	53.01 4.14 0.00	82.59 6.58 0.00	111.42 9.66 0.00	85.90 7.53 0.00	104.36 8.62 -7.30	119.12 8.23 -24.27	120.95 9.84 0.00	117.09 8.93 0.00	164.76 6.92 -75.09
GARDENVILLE___LBMP 24039	65.69 -7.76 2.15	66.75 -7.43 0.00	63.65 -6.64 0.00	49.29 -5.17 0.00	48.17 -4.62 0.00	48.28 -4.08 0.00	65.62 -6.48 0.00	60.85 -6.98 0.04	54.06 -6.47 1.89	36.87 -4.18 0.00	39.93 -5.19 3.28	33.82 -4.52 0.78	35.84 -4.80 0.00	35.20 -4.79 0.34	31.20 -4.87 5.08	40.10 -5.38 3.39	68.31 -7.66 0.04	92.25 -9.51 0.00	71.84 -6.53 0.00	78.56 -9.18 0.70	76.26 -9.57 0.79	87.00 -12.47 11.64	90.08 -10.88 7.20	69.12 -8.27 5.36
GARDNVLA_35_KV_LD 355827	66.01 -7.44 2.15	67.03 -7.14 0.00	63.90 -6.40 0.00	49.49 -4.97 0.00	48.39 -4.40 0.00	48.51 -3.86 0.00	65.94 -6.15 0.00	61.16 -6.67 0.04	54.67 -6.21 1.54	37.05 -3.99 0.00	40.55 -4.99 2.86	34.14 -4.35 0.63	36.03 -4.61 0.00	35.45 -4.60 0.28	32.07 -4.71 4.36	40.93 -5.17 2.77	68.69 -7.29 0.04	92.73 -9.02 0.00	72.22 -6.15 0.00	78.95 -8.80 0.69	76.63 -9.20 0.79	87.53 -11.99 11.59	90.55 -10.45 7.16	69.45 -7.96 5.34
GELCKHM___115KV_LOAD 80723	72.35 -3.24 0.00	70.98 -3.20 0.00	67.34 -2.96 0.00	52.17 -2.29 0.00	50.69 -2.09 0.00	50.40 -1.96 0.00	69.42 -2.67 0.00	65.33 -2.54 0.00	60.09 -2.33 0.00	39.41 -1.63 0.00	46.38 -2.02 0.00	37.47 -1.64 0.00	38.86 -1.77 0.00	38.57 -1.76 0.00	38.04 -1.79 1.32	46.84 -2.04 0.00	73.19 -2.83 0.00	98.39 -3.37 0.00	76.02 -2.35 0.00	85.00 -3.01 0.44	83.03 -3.09 0.50	99.62 -4.15 7.34	99.39 -4.23 4.54	76.05 -3.32 3.38
GENERAL___MILLS 23808	65.94 -7.51 2.15	66.96 -7.21 0.00	63.85 -6.45 0.00	49.44 -5.01 0.00	48.34 -4.45 0.00	48.45 -3.91 0.00	65.86 -6.24 0.00	61.06 -6.78 0.04	54.50 -6.28 1.64	36.99 -4.05 0.00	40.37 -5.05 2.97	34.03 -4.41 0.67	35.98 -4.66 0.00	35.38 -4.65 0.30	31.83 -4.76 4.56	40.70 -5.23 2.94	68.56 -7.41 0.04	92.55 -9.20 0.00	72.09 -6.28 0.00	78.82 -8.92 0.70	76.52 -9.31 0.79	87.36 -12.14 11.60	90.39 -10.60 7.17	69.36 -8.04 5.34
GE_PLASTICS___DRP 24183	77.91 2.31 0.00	76.53 2.35 0.00	72.51 2.21 0.00	56.17 1.71 0.00	54.40 1.61 0.00	53.77 1.41 0.00	73.83 1.73 0.00	96.96 1.85 -27.24	69.96 1.75 -5.80	42.19 1.15 0.00	49.87 1.48 0.00	40.37 1.25 0.00	41.97 1.33 0.00	41.64 1.32 0.00	42.36 1.32 0.10	50.29 1.42 0.00	78.19 2.18 0.00	104.99 3.24 0.00	80.85 2.49 0.00	94.41 3.08 -2.90	99.44 3.19 -9.63	114.69 3.58 0.00	111.37 3.21 0.00	115.33 2.80 -29.78
GILBOA___1 23756	77.41 1.82 0.00	76.25 2.08 0.00	72.43 2.13 0.00	56.08 1.62 0.00	54.31 1.53 0.00	53.32 0.97 0.00	73.41 1.31 0.00	73.63 1.41 -4.34	64.74 1.40 -0.92	41.91 0.87 0.00	49.50 1.10 0.00	40.08 0.96 0.00	41.76 1.12 0.00	41.45 1.12 0.00	42.12 1.15 0.18	50.06 1.19 0.00	77.80 1.78 0.00	104.59 2.84 0.00	80.70 2.33 0.00	91.58 2.79 -0.36	90.73 2.76 -1.35	112.81 2.97 1.27	109.87 2.50 0.78	88.66 2.06 -3.86
GILBOA___2 23757	77.41 1.82 0.00	76.25 2.08 0.00	72.43 2.13 0.00	56.08 1.62 0.00	54.31 1.53 0.00	53.32 0.97 0.00	73.41 1.31 0.00	73.63 1.41 -4.34	64.74 1.40 -0.92	41.91 0.87 0.00	49.50 1.10 0.00	40.08 0.96 0.00	41.76 1.12 0.00	41.45 1.12 0.00	42.12 1.15 0.18	50.06 1.19 0.00	77.80 1.78 0.00	104.59 2.84 0.00	80.70 2.33 0.00	91.58 2.79 -0.36	90.73 2.76 -1.35	112.81 2.97 1.27	109.87 2.50 0.78	88.66 2.06 -3.86

GILBOA___3 23758	77.41 1.82 0.00	76.25 2.08 0.00	72.43 2.13 0.00	56.08 1.62 0.00	54.31 1.53 0.00	53.32 0.97 0.00	73.41 1.31 0.00	73.63 1.41 -4.34	64.74 1.40 -0.92	41.91 0.87 0.00	49.50 1.10 0.00	40.08 0.96 0.00	41.76 1.12 0.00	41.45 1.12 0.00	42.12 1.15 0.18	50.06 1.19 0.00	77.80 1.78 0.00	104.59 2.84 0.00	80.70 2.33 0.00	91.58 2.79 -0.36	90.73 2.76 -1.35	112.81 2.97 1.27	109.87 2.50 0.78	88.66 2.06 -3.86
GILBOA___4 23759	77.41 1.82 0.00	76.25 2.08 0.00	72.43 2.13 0.00	56.08 1.62 0.00	54.31 1.53 0.00	53.32 0.97 0.00	73.41 1.31 0.00	73.63 1.41 -4.34	64.74 1.40 -0.92	41.91 0.87 0.00	49.50 1.10 0.00	40.08 0.96 0.00	41.76 1.12 0.00	41.45 1.12 0.00	42.12 1.15 0.18	50.06 1.19 0.00	77.80 1.78 0.00	104.59 2.84 0.00	80.70 2.33 0.00	91.58 2.79 -0.36	90.73 2.76 -1.35	112.81 2.97 1.27	109.87 2.50 0.78	88.66 2.06 -3.86
GILBOA___ 23599	77.41 1.82 0.00	76.26 2.08 0.00	72.43 2.13 0.00	56.08 1.62 0.00	54.31 1.53 0.00	53.32 0.97 0.00	73.41 1.31 0.00	73.63 1.41 -4.34	64.75 1.40 -0.92	41.91 0.87 0.00	49.50 1.11 0.00	40.08 0.96 0.00	41.76 1.12 0.00	41.46 1.13 0.00	42.14 1.17 0.18	50.07 1.20 0.00	77.80 1.78 0.00	104.59 2.84 0.00	80.70 2.33 0.00	91.58 2.79 -0.36	90.72 2.76 -1.35	112.81 2.96 1.27	109.87 2.50 0.78	88.65 2.05 -3.86
GINNA___ 23603	67.29 -7.49 0.83	66.90 -7.28 0.00	63.56 -6.74 0.00	49.29 -5.17 0.00	48.01 -4.77 0.00	47.97 -4.39 0.00	65.92 -6.18 0.00	61.72 -6.15 0.01	56.40 -5.74 0.28	37.18 -3.86 0.00	42.95 -4.71 0.74	35.02 -3.98 0.12	36.37 -4.26 0.00	36.00 -4.27 0.06	34.85 -4.38 1.91	43.40 -4.97 0.51	69.08 -6.93 0.01	92.93 -8.82 0.00	71.92 -6.44 0.00	79.36 -8.26 0.82	77.25 -8.44 0.93	86.56 -10.88 13.66	89.47 -10.25 8.44	68.46 -8.00 6.29
GLEN PARK___ 23778	75.19 -0.42 0.00	73.53 -0.65 0.00	69.85 -0.44 0.00	54.55 0.09 0.00	52.78 0.00 0.00	52.74 0.39 0.00	73.33 1.23 0.00	68.75 3.26 0.00	62.92 0.51 0.00	40.89 -0.15 0.00	47.93 -0.47 0.00	38.64 -0.48 0.00	40.26 -0.38 0.00	40.09 -0.23 0.00	40.14 -0.16 0.85	48.61 -0.26 0.00	76.18 0.16 0.00	102.77 1.02 0.00	79.33 0.96 0.00	89.13 0.69 0.00	87.70 1.08 0.00	113.33 2.22 0.00	109.50 1.34 0.00	83.27 0.53 0.00
GLENDALE_27_KV_LOAD 356172	78.92 3.33 0.00	77.36 3.19 0.00	72.99 2.69 0.00	56.50 2.04 0.00	54.64 1.86 0.00	54.35 2.00 0.00	75.04 2.94 0.00	78.13 3.26 -6.99	67.00 3.10 -1.49	43.14 2.10 0.00	51.17 2.78 0.00	41.49 2.37 0.00	43.07 2.44 0.00	42.81 2.48 0.00	43.53 2.52 0.14	51.74 2.87 0.00	80.11 4.10 0.00	107.99 6.20 -0.04	83.37 5.01 0.00	95.30 6.17 -0.69	95.04 6.14 -2.28	117.84 6.73 0.00	113.84 5.68 0.00	94.23 4.43 -7.05
GLENWOOD_IC_1_G5 23712	79.91 4.32 0.00	78.35 4.17 0.00	73.89 3.59 0.00	57.13 2.67 0.00	55.34 2.56 0.00	55.03 2.67 0.00	75.63 3.53 0.00	78.62 3.76 -6.99	67.44 3.54 -1.49	43.26 2.22 0.00	52.61 3.31 -0.90	42.30 2.80 -0.39	43.38 2.75 0.00	42.74 2.42 0.00	43.56 2.55 0.14	52.08 3.21 0.00	80.93 4.91 0.00	162.13 7.31 -53.07	164.32 5.87 -80.08	139.09 7.07 -43.58	117.22 6.95 -23.64	118.75 7.64 0.00	114.54 6.38 0.00	95.86 5.21 -7.90
GLENWOOD_IC_2_G1 23688	79.81 4.21 0.00	78.25 4.07 0.00	73.81 3.51 0.00	57.08 2.62 0.00	55.27 2.48 0.00	54.97 2.61 0.00	75.72 3.62 0.00	78.73 3.87 -6.99	67.52 3.61 -1.49	43.30 2.26 0.00	52.52 3.22 -0.90	42.23 2.73 -0.39	43.32 2.69 0.00	42.80 2.47 0.00	43.60 2.59 0.14	52.13 3.26 0.00	81.01 4.99 0.00	162.23 7.41 -53.07	164.40 5.95 -80.08	139.18 7.16 -43.58	117.30 7.03 -23.64	118.84 7.73 0.00	114.65 6.49 0.00	95.96 5.32 -7.90
GLENWOOD_IC_3_G1 23689	79.81 4.21 0.00	78.25 4.07 0.00	73.81 3.51 0.00	57.08 2.62 0.00	55.27 2.48 0.00	54.97 2.61 0.00	75.72 3.62 0.00	78.73 3.87 -6.99	67.52 3.61 -1.49	43.30 2.26 0.00	52.52 3.22 -0.90	42.23 2.73 -0.39	43.32 2.69 0.00	42.80 2.47 0.00	43.60 2.59 0.14	52.13 3.26 0.00	81.01 4.99 0.00	162.23 7.41 -53.07	164.40 5.95 -80.08	139.18 7.16 -43.58	117.30 7.03 -23.64	118.84 7.73 0.00	114.65 6.49 0.00	95.96 5.32 -7.90
GLENWOOD___4 23550	79.91 4.32 0.00	78.35 4.17 0.00	73.89 3.59 0.00	57.13 2.67 0.00	55.34 2.56 0.00	55.04 2.68 0.00	75.71 3.61 0.00	78.72 3.86 -6.99	67.51 3.60 -1.49	43.30 2.26 0.00	52.61 3.31 -0.90	42.30 2.80 -0.39	43.38 2.75 0.00	42.79 2.46 0.00	43.61 2.60 0.14	52.14 3.27 0.00	81.03 5.02 0.00	162.27 7.45 -53.07	164.40 5.96 -80.08	139.19 7.17 -43.58	117.33 7.07 -23.64	118.90 7.79 0.00	114.66 6.50 0.00	95.96 5.31 -7.90
GLENWOOD___5 23614	79.91 4.32 0.00	78.35 4.17 0.00	73.89 3.59 0.00	57.13 2.67 0.00	55.34 2.56 0.00	55.04 2.68 0.00	75.71 3.61 0.00	78.72 3.86 -6.99	67.51 3.60 -1.49	43.30 2.26 0.00	52.61 3.31 -0.90	42.30 2.80 -0.39	43.38 2.75 0.00	42.79 2.46 0.00	43.61 2.60 0.14	52.14 3.27 0.00	81.03 5.02 0.00	162.27 7.45 -53.07	164.40 5.96 -80.08	139.19 7.17 -43.58	117.33 7.07 -23.64	118.90 7.79 0.00	114.66 6.50 0.00	95.96 5.31 -7.90
GLOBAL GREEN_PORT_GT1 23814	80.07 4.47 0.00	78.54 4.36 0.00	73.98 3.68 0.00	57.18 2.72 0.00	55.45 2.67 0.00	55.40 3.05 0.00	76.68 4.58 0.00	79.66 4.80 -6.99	67.93 4.03 -1.49	43.75 2.70 0.00	53.01 3.71 -0.90	41.94 2.43 -0.39	42.85 2.22 0.00	42.35 2.02 0.00	43.33 2.32 0.14	52.20 3.32 0.00	81.65 5.63 0.00	163.38 8.55 -53.08	165.33 6.88 -80.08	140.35 8.34 -43.58	118.26 8.00 -23.64	119.88 8.77 0.00	115.35 7.19 0.00	96.47 5.82 -7.90
GLOBE___DSASP 323697	64.11 -9.68 1.81	64.80 -9.38 0.00	61.82 -8.47 0.00	47.98 -6.48 0.00	46.83 -5.96 0.00	46.89 -5.46 0.00	63.64 -8.46 0.00	58.77 -9.08 0.03	52.79 -8.36 1.27	35.69 -5.35 0.00	39.59 -6.43 2.38	33.01 -5.58 0.52	34.70 -5.93 0.00	34.19 -5.90 0.23	31.43 -5.88 3.84	39.85 -6.74 2.28	66.02 -9.97 0.03	88.58 -13.17 0.00	68.77 -9.60 0.00	74.90 -12.80 0.74	72.64 -13.14 0.84	82.07 -16.76 12.28	85.86 -14.71 7.59	65.88 -11.21 5.65
GOETHSLN___LBMP 323567	78.00 2.40 0.00	76.39 2.22 0.00	72.07 1.77 0.00	55.79 1.33 0.00	53.97 1.19 0.00	53.65 1.29 0.00	70.73 1.89 3.26	77.17 2.31 -6.99	66.01 2.17 -1.42	40.23 1.47 2.28	45.09 2.04 5.34	40.93 1.81 0.00	42.37 1.83 0.10	42.22 1.88 0.00	42.89 1.95 0.21	51.08 2.20 0.00	79.02 3.02 0.01	106.53 4.77 0.00	82.21 3.84 0.00	93.96 4.84 -0.69	93.73 4.83 -2.28	116.19 5.08 0.00	112.30 4.14 0.00	93.10 3.31 -7.05
GOLAH___69_KV_TB 1_2 80279	69.75 -4.76 1.09	69.58 -4.60 0.00	66.18 -4.11 0.00	51.33 -3.13 0.00	50.04 -2.75 0.00	50.09 -2.27 0.00	68.64 -3.46 0.00	64.11 -3.75 0.01	58.57 -3.55 0.30	38.56 -2.48 0.00	44.20 -3.30 0.89	36.06 -2.93 0.13	37.45 -3.19 0.00	37.08 -3.20 0.06	35.95 -3.27 1.94	44.77 -3.56 0.54	71.40 -4.61 0.01	96.50 -5.26 0.00	74.86 -3.51 0.00	82.37 -5.27 0.80	80.04 -5.68 0.91	90.54 -7.26 13.30	93.46 -6.48 8.22	71.52 -5.10 6.13

GOODYEAR_LAKE_HYD 323669	77.19 1.59 0.00	75.73 1.55 0.00	71.81 1.51 0.00	55.55 1.09 0.00	53.90 1.11 0.00	53.46 1.10 0.00	73.87 1.77 0.00	92.44 1.84 -22.72	68.89 1.64 -4.83	41.95 0.91 0.00	49.45 1.05 0.00	39.95 0.83 0.00	41.48 0.85 0.00	41.15 0.82 0.00	41.63 0.87 0.39	49.96 1.09 0.00	78.17 2.16 0.00	105.43 3.68 0.00	81.54 3.17 0.00	93.96 3.43 -2.10	97.11 3.20 -7.29	112.49 3.72 2.34	109.95 3.24 1.44	107.12 2.40 -21.97
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	72.44 -1.95 1.21	72.23 -1.94 0.00	68.57 -1.73 0.00	53.02 -1.44 0.00	51.62 -1.16 0.00	51.30 -1.06 0.00	70.68 -1.41 0.00	69.74 -1.35 -3.22	61.89 -1.21 -0.69	40.06 -0.98 0.00	46.86 -1.22 0.32	38.23 -0.97 -0.08	39.55 -1.09 0.00	39.31 -1.05 -0.04	39.52 -1.12 0.51	47.68 -1.19 0.00	74.41 -1.61 0.00	100.30 -1.45 0.00	77.81 -0.56 0.00	87.40 -1.05 -0.02	86.16 -1.18 -0.72	104.26 -1.92 4.93	103.07 -2.05 3.05	82.13 -1.62 -1.00
GOUDEY___7 23579	72.44 -1.95 1.21	72.23 -1.94 0.00	68.57 -1.73 0.00	53.02 -1.44 0.00	51.62 -1.16 0.00	51.30 -1.06 0.00	70.68 -1.41 0.00	69.74 -1.35 -3.22	61.89 -1.21 -0.69	40.06 -0.98 0.00	46.86 -1.22 0.32	38.23 -0.97 -0.08	39.55 -1.09 0.00	39.31 -1.05 -0.04	39.52 -1.12 0.51	47.68 -1.19 0.00	74.41 -1.61 0.00	100.30 -1.45 0.00	77.81 -0.56 0.00	87.40 -1.05 -0.02	86.16 -1.18 -0.72	104.26 -1.92 4.93	103.07 -2.05 3.05	82.13 -1.62 -1.00
GOUDEY___8 23580	72.44 -1.95 1.21	72.23 -1.94 0.00	68.57 -1.73 0.00	53.02 -1.44 0.00	51.62 -1.16 0.00	51.30 -1.06 0.00	70.68 -1.41 0.00	69.74 -1.35 -3.22	61.89 -1.21 -0.69	40.06 -0.98 0.00	46.86 -1.22 0.32	38.23 -0.97 -0.08	39.55 -1.09 0.00	39.31 -1.05 -0.04	39.52 -1.12 0.51	47.68 -1.19 0.00	74.41 -1.61 0.00	100.30 -1.45 0.00	77.81 -0.56 0.00	87.40 -1.05 -0.02	86.16 -1.18 -0.72	104.26 -1.92 4.93	103.07 -2.05 3.05	82.13 -1.62 -1.00
GOWANUS_GT1_1 24077	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT1_2 24078	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT1_3 24079	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT1_4 24080	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT1_5 24084	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT1_6 24111	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT1_7 24112	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT1_8 24113	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT2_1 24114	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
GOWANUS_GT2_2 24115	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
GOWANUS_GT2_3 24116	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05

GOWANUS_GT2_4 24117	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	110.85	142.67	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-2.98	-59.28	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT2_5 24118	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	110.85	142.67	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-2.98	-59.28	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT2_6 24119	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	110.85	142.67	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-2.98	-59.28	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT2_7 24120	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	110.85	142.67	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-2.98	-59.28	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT2_8 24121	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	110.85	142.67	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-2.98	-59.28	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT3_1 24122	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	108.04	142.63	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-0.16	-59.24	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT3_2 24123	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	108.04	142.63	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-0.16	-59.24	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT3_3 24124	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	108.04	142.63	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-0.16	-59.24	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT3_4 24125	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	108.04	142.63	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-0.16	-59.24	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT3_5 24126	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	108.04	142.63	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-0.16	-59.24	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT3_6 24127	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	108.04	142.63	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-0.16	-59.24	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT3_7 24128	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	108.04	142.63	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-0.16	-59.24	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT3_8 24129	78.85	77.37	72.98	56.47	56.71	59.23	75.12	78.07	68.21	57.54	60.92	55.33	55.60	55.48	55.58	58.67	80.65	108.04	142.63	249.75	153.46	117.72	113.63	94.07
	3.25	3.20	2.69	2.01	1.86	2.02	2.91	3.21	3.04	2.02	2.65	2.31	2.43	2.47	2.52	2.86	4.03	6.12	5.02	6.17	6.12	6.61	5.47	4.28
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-0.16	-59.24	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT4_1 24130	78.85	77.37	72.98	56.46	56.71	59.23	75.12	78.07	68.22	57.54	60.93	55.33	55.60	55.48	55.58	58.68	80.65	110.85	142.66	249.74	153.46	117.76	113.65	94.08
	3.25	3.19	2.69	2.00	1.86	2.03	2.91	3.21	3.04	2.02	2.66	2.31	2.43	2.47	2.52	2.87	4.03	6.12	5.01	6.16	6.11	6.65	5.49	4.29
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-2.98	-59.28	-155.14	-60.73	0.00	0.00	-7.05
GOWANUS_GT4_2 24131	78.85	77.37	72.98	56.46	56.71	59.23	75.12	78.07	68.22	57.54	60.93	55.33	55.60	55.48	55.58	58.68	80.65	110.85	142.66	249.74	153.46	117.76	113.65	94.08
	3.25	3.19	2.69	2.00	1.86	2.03	2.91	3.21	3.04	2.02	2.66	2.31	2.43	2.47	2.52	2.87	4.03	6.12	5.01	6.16	6.11	6.65	5.49	4.29
	0.00	0.00	0.00	0.00	-2.07	-4.85	-0.11	-6.99	-2.76	-14.48	-9.88	-13.91	-12.54	-12.68	-11.91	-6.94	-0.60	-2.98	-59.28	-155.14	-60.73	0.00	0.00	-7.05

GOWANUS_GT4_3 24132	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.66 5.01 -59.28	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT4_4 24133	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.66 5.01 -59.28	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT4_5 24134	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.66 5.01 -59.28	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT4_6 24135	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.66 5.01 -59.28	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT4_7 24136	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.66 5.01 -59.28	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GOWANUS_GT4_8 24137	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.66 5.01 -59.28	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GREENBSH_115KV_TB3 55895	77.93 2.33 0.00	76.54 2.36 0.00	72.51 2.21 0.00	56.17 1.70 0.00	54.40 1.61 0.00	53.76 1.40 0.00	73.68 1.58 0.00	104.65 1.73 -35.05	71.52 1.65 -7.46	42.18 1.14 0.00	49.90 1.50 0.00	40.41 1.29 0.00	42.00 1.36 0.00	41.68 1.35 0.00	42.38 1.33 0.10	50.21 1.34 0.00	78.13 2.12 0.00	104.81 3.06 0.00	80.67 2.30 0.00	95.16 2.94 -3.78	102.32 3.13 -12.57	114.64 3.53 0.00	111.36 3.20 0.00	124.56 2.93 -38.89
GREENIDGE_115KV_TB5 80291	64.95 -3.67 6.97	70.72 -3.46 0.00	67.11 -3.18 0.00	51.89 -2.57 0.00	50.83 -1.96 0.00	50.84 -1.52 0.00	69.94 -2.16 0.00	67.81 -2.15 -2.09	63.88 -1.87 -3.33	39.67 -1.37 0.00	45.84 -2.40 0.16	38.13 -2.06 -1.07	38.32 -2.31 0.00	38.49 -2.30 -0.46	42.96 -2.57 -4.38	51.38 -3.02 -5.53	72.54 -3.55 -0.07	98.83 -2.92 0.00	77.58 -0.79 0.00	86.50 -1.73 0.20	84.65 -2.15 -0.18	99.22 -5.33 6.56	98.73 -5.37 4.06	78.65 -3.03 1.07
GREENIDGE___3 23582	64.95 -3.67 6.97	70.72 -3.46 0.00	67.11 -3.18 0.00	51.89 -2.57 0.00	50.83 -1.96 0.00	50.84 -1.52 0.00	69.94 -2.16 0.00	67.81 -2.15 -2.09	63.88 -1.87 -3.33	39.67 -1.37 0.00	45.84 -2.40 0.16	38.13 -2.06 -1.07	38.32 -2.31 0.00	38.49 -2.30 -0.46	42.96 -2.57 -4.38	51.38 -3.02 -5.53	72.54 -3.55 -0.07	98.83 -2.92 0.00	77.58 -0.79 0.00	86.50 -1.73 0.20	84.65 -2.15 -0.18	99.22 -5.33 6.56	98.73 -5.37 4.06	78.65 -3.03 1.07
GREENIDGE___4 23583	64.95 -3.68 6.97	70.72 -3.46 0.00	67.12 -3.17 0.00	51.89 -2.57 0.00	50.83 -1.96 0.00	50.83 -1.53 0.00	69.95 -2.15 0.00	67.80 -2.16 -2.09	63.87 -1.88 -3.33	39.65 -1.40 0.00	45.84 -2.40 0.16	38.13 -2.06 -1.07	38.33 -2.31 0.00	38.49 -2.30 -0.46	42.97 -2.57 -4.38	51.38 -3.02 -5.53	72.55 -3.54 -0.07	98.83 -2.92 0.00	77.58 -0.79 0.00	86.51 -1.72 0.20	84.66 -2.14 -0.18	99.23 -5.31 6.56	98.73 -5.37 4.06	78.65 -3.02 1.07
GREENLWN_69_KV_BK 3 55738	80.00 4.40 0.00	78.42 4.24 0.00	74.00 3.70 0.00	57.18 2.73 0.00	55.36 2.58 0.00	55.01 2.65 0.00	75.71 3.61 0.00	78.60 3.74 -6.99	67.17 3.27 -1.49	43.22 2.18 0.00	52.67 3.37 -0.90	42.24 2.74 -0.39	43.29 2.66 0.00	42.74 2.41 0.00	43.49 2.49 0.14	52.10 3.23 0.00	80.75 4.74 0.00	161.77 6.95 -53.07	164.06 5.61 -80.08	138.83 6.82 -43.58	117.09 6.83 -23.64	118.58 7.47 0.00	114.40 6.24 0.00	95.77 5.12 -7.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05
GRISSOM___SOLAR 323813	79.84 4.24 0.00	78.27 4.10 0.00	74.14 3.84 0.00	57.45 3.00 0.00	55.72 2.94 0.00	55.41 3.05 0.00	76.63 4.53 0.00	147.06 4.33 -74.85	81.95 3.60 -15.93	42.70 1.66 0.00	49.84 1.45 0.00	39.98 0.85 0.00	41.65 1.02 0.00	41.56 1.24 0.00	42.90 1.89 0.13	51.41 2.54 0.00	80.68 4.67 0.00	108.85 7.09 0.00	83.98 5.61 0.00	101.96 6.15 -7.38	117.02 5.87 -24.53	118.38 7.27 0.00	114.94 6.78 0.00	163.72 5.06 -75.90
GROVEVILLE___HYD 323602	79.23 3.63 0.00	77.71 3.53 0.00	73.45 3.15 0.00	56.84 2.38 0.00	55.03 2.25 0.00	54.68 2.32 0.00	75.48 3.38 0.00	78.69 3.61 -7.21	67.27 3.32 -1.53	43.16 2.12 0.00	51.01 2.61 0.00	41.27 2.15 0.00	42.86 2.23 0.00	42.57 2.24 0.00	43.36 2.35 0.14	51.70 2.83 0.00	80.39 4.37 0.00	108.35 6.59 0.00	83.65 5.28 0.00	95.44 6.29 -0.71	95.15 6.17 -2.36	118.02 6.91 0.00	114.14 5.97 0.00	94.69 4.63 -7.31
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	72.65 -2.95 0.00	71.28 -2.90 0.00	67.61 -2.69 0.00	52.37 -2.09 0.00	50.89 -1.89 0.00	50.61 -1.75 0.00	69.74 -2.36 0.00	65.65 -2.22 0.00	60.36 -2.05 0.00	39.56 -1.48 0.00	46.55 -1.85 0.00	37.61 -1.51 0.00	38.99 -1.64 0.00	38.71 -1.62 0.00	38.18 -1.65 1.32	47.00 -1.87 0.00	73.50 -2.52 0.00	98.88 -2.87 0.00	76.44 -1.93 0.00	85.65 -2.53 0.25	83.67 -2.66 0.29	103.19 -3.67 4.25	101.78 -3.75 2.63	77.81 -2.98 1.96

HAMLTNNY_34_KV_TB 80303	73.16 -2.44 0.00	71.78 -2.40 0.00	68.09 -2.20 0.00	52.72 -1.73 0.00	51.29 -1.49 0.00	50.73 -1.63 0.00	69.87 -2.23 0.00	65.75 -2.13 0.00	60.52 -1.90 0.00	39.62 -1.42 0.00	46.55 -1.85 0.00	37.80 -1.32 0.00	39.18 -1.45 0.00	38.92 -1.41 0.00	38.37 -1.46 1.33	47.22 -1.65 0.00	73.97 -2.05 0.00	99.65 -2.11 0.00	77.11 -1.26 0.00	86.40 -1.80 0.24	84.37 -1.97 0.27	104.27 -2.87 3.97	102.73 -2.98 2.45	78.51 -2.41 1.83
HAMPSHIRE___PAPER_HYD 323593	76.24 0.64 0.00	74.55 0.38 0.00	70.74 0.45 0.00	55.24 0.78 0.00	53.30 0.52 0.00	53.10 0.74 0.00	73.60 1.50 0.00	68.64 0.76 0.00	62.91 0.50 0.00	41.45 0.41 0.00	48.77 0.37 0.00	39.40 0.28 0.00	41.07 0.44 0.00	40.84 0.52 0.00	41.30 0.54 0.40	49.09 0.22 0.00	75.98 -0.03 0.00	101.30 -0.45 0.00	77.84 -0.52 0.00	87.56 -0.88 0.00	86.34 -0.28 0.00	112.25 1.14 0.00	109.69 1.53 0.00	84.02 1.27 0.00
HARDSCRABBLE_WT_PWR 323673	77.50 1.90 0.00	75.78 1.61 0.00	71.70 1.41 0.00	55.39 0.93 0.00	53.82 1.03 0.00	53.28 0.92 0.00	73.81 1.71 0.00	69.59 1.71 0.00	63.75 1.33 0.00	41.63 0.59 0.00	48.74 0.35 0.00	39.38 0.26 0.00	41.02 0.38 0.00	40.65 0.32 0.00	41.72 0.69 0.12	49.85 0.98 0.00	77.67 1.66 0.00	105.44 3.69 0.00	81.34 2.97 0.00	92.04 3.60 0.00	90.41 3.79 0.00	115.08 3.97 0.00	110.96 2.80 0.00	85.01 2.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	78.28 2.68 0.00	76.79 2.61 0.00	72.55 2.26 0.00	56.14 1.68 0.00	54.33 1.55 0.00	54.00 1.64 0.00	74.53 2.43 0.00	77.12 2.71 -6.53	66.32 2.51 -1.39	42.62 1.58 0.00	50.41 2.01 0.00	40.80 1.68 0.00	42.37 1.73 0.00	42.09 1.76 0.00	42.86 1.86 0.15	51.11 2.24 0.00	79.42 3.41 0.00	107.04 5.29 0.00	82.58 4.22 0.00	94.16 5.08 -0.64	93.77 5.02 -2.13	116.55 5.44 0.00	112.75 4.59 0.00	92.92 3.58 -6.60
HARSNRAD_115KV_TB1 81005	65.21 -8.63 1.76	65.92 -8.26 0.00	62.86 -7.44 0.00	48.75 -5.71 0.00	47.58 -5.20 0.00	47.69 -4.67 0.00	64.62 -7.48 0.00	59.67 -8.17 0.03	53.67 -7.47 1.28	36.17 -4.88 0.00	40.09 -5.95 2.36	33.37 -5.23 0.53	35.08 -5.56 0.00	34.53 -5.57 0.23	31.74 -5.55 3.86	40.31 -6.27 2.29	66.86 -9.13 0.03	90.03 -11.73 0.00	70.00 -8.37 0.00	76.30 -11.40 0.74	74.00 -11.78 0.84	83.72 -15.07 12.31	87.34 -13.21 7.61	66.99 -10.09 5.67
HARZA MOOSE___RIVER 24016	75.96 0.36 0.00	74.37 0.19 0.00	70.62 0.32 0.00	55.24 0.78 0.00	53.28 0.49 0.00	52.94 0.58 0.00	73.44 1.34 0.00	68.84 0.97 0.00	63.22 0.80 0.00	41.42 0.38 0.00	48.83 0.43 0.00	39.45 0.33 0.00	41.15 0.52 0.00	40.98 0.64 0.00	41.46 0.76 0.45	49.34 0.47 0.00	76.89 0.88 0.00	103.09 1.34 0.00	79.44 1.07 0.00	89.36 1.36 0.11	87.86 2.28 0.12	111.59 1.66 1.80	108.71 1.66 1.11	83.05 1.13 0.83
HDSNBRDG_115KV_BRDG_TB1 355580	72.41 -3.19 0.00	71.05 -3.12 0.00	67.41 -2.89 0.00	52.21 -2.25 0.00	50.75 -2.04 0.00	50.47 -1.89 0.00	69.52 -2.58 0.00	65.42 -2.45 0.00	60.16 -2.25 0.00	39.47 -1.57 0.00	46.46 -1.94 0.00	37.54 -1.58 0.00	38.92 -1.71 0.00	38.64 -1.69 0.00	38.17 -1.71 1.27	46.93 -1.95 0.00	73.31 -2.70 0.00	98.53 -3.22 0.00	76.16 -2.21 0.00	85.12 -2.86 0.47	83.12 -2.97 0.53	99.29 -4.02 7.80	99.24 -4.10 4.82	75.94 -3.21 3.60
HELLGATE_13_KV_LD 55870	78.59 2.99 0.00	77.03 2.85 0.00	72.68 2.38 0.00	56.26 1.80 0.00	54.42 1.63 0.00	54.09 1.73 0.00	74.67 2.58 0.00	77.76 2.90 -6.99	66.65 2.74 -1.49	42.92 1.87 0.00	50.93 2.53 0.00	41.28 2.16 0.00	42.84 2.21 0.00	42.58 2.25 0.00	43.31 2.30 0.14	51.45 2.58 0.00	79.63 3.62 0.00	107.30 5.55 0.00	82.89 4.51 0.00	94.75 5.63 -0.69	94.55 5.66 -2.28	117.21 6.10 0.00	113.27 5.11 0.00	93.82 4.02 -7.05
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	78.59 2.99 0.00	77.03 2.85 0.00	72.68 2.38 0.00	56.26 1.80 0.00	54.42 1.63 0.00	54.09 1.73 0.00	74.67 2.58 0.00	77.76 2.90 -6.99	66.65 2.74 -1.49	42.92 1.87 0.00	50.93 2.53 0.00	41.28 2.16 0.00	42.84 2.21 0.00	42.58 2.25 0.00	43.31 2.30 0.14	51.45 2.58 0.00	79.63 3.62 0.00	107.30 5.55 0.00	82.89 4.51 0.00	94.75 5.63 -0.69	94.55 5.66 -2.28	117.21 6.10 0.00	113.27 5.11 0.00	93.82 4.02 -7.05
HEMPSTEAD____ 23647	79.37 3.77 0.00	77.83 3.65 0.00	73.41 3.12 0.00	56.75 2.29 0.00	54.97 2.18 0.00	54.68 2.32 0.00	75.30 3.20 0.00	78.33 3.47 -6.99	67.16 3.25 -1.49	43.05 2.01 0.00	52.23 2.93 -0.90	41.99 2.49 -0.39	43.07 2.43 0.00	42.52 2.20 0.00	43.35 2.34 0.14	51.84 2.97 0.00	80.59 4.57 0.00	161.63 6.81 -53.07	163.93 5.48 -80.08	138.64 6.62 -43.58	116.77 6.51 -23.64	118.16 7.05 0.00	114.00 5.84 0.00	95.47 4.83 -7.90
HEWLETT_69_KV_BK3 55828	79.84 4.24 0.00	78.26 4.09 0.00	73.84 3.54 0.00	57.08 2.62 0.00	55.27 2.48 0.00	54.95 2.60 0.00	75.86 3.76 0.00	78.81 3.95 -6.99	67.57 3.67 -1.49	43.33 2.29 0.00	52.49 3.19 -0.90	42.24 2.74 -0.39	43.32 2.69 0.00	42.82 2.49 0.00	43.65 2.64 0.14	52.16 3.28 0.00	81.07 5.05 0.00	162.40 7.58 -53.07	164.38 5.93 -80.08	139.17 7.15 -43.58	117.38 7.12 -23.64	118.99 7.88 0.00	114.82 6.66 0.00	96.17 5.52 -7.90
HICKLING___1 23621	65.16 -4.49 5.95	69.83 -4.34 0.00	66.30 -3.99 0.00	51.23 -3.23 0.00	50.13 -2.66 0.00	50.04 -2.32 0.00	68.97 -3.13 0.00	67.03 -3.28 -2.44	60.27 -3.07 -0.93	38.75 -2.30 0.00	43.65 -2.90 1.85	37.11 -2.33 -0.32	38.06 -2.58 0.00	37.95 -2.53 -0.14	38.99 -2.74 -0.58	47.23 -2.92 -1.28	72.07 -3.97 -0.02	97.75 -4.01 0.00	76.35 -2.02 0.00	85.22 -3.06 0.16	83.70 -3.25 -0.34	99.43 -4.92 6.76	99.13 -4.85 4.18	78.41 -3.71 0.64
HICKLING___2 23622	65.16 -4.49 5.95	69.83 -4.34 0.00	66.30 -3.99 0.00	51.23 -3.23 0.00	50.13 -2.66 0.00	50.04 -2.32 0.00	68.97 -3.13 0.00	67.03 -3.28 -2.44	60.27 -3.07 -0.93	38.75 -2.30 0.00	43.65 -2.90 1.85	37.11 -2.33 -0.32	38.06 -2.58 0.00	37.95 -2.53 -0.14	38.99 -2.74 -0.58	47.23 -2.92 -1.28	72.07 -3.97 -0.02	97.75 -4.01 0.00	76.35 -2.02 0.00	85.22 -3.06 0.16	83.70 -3.25 -0.34	99.43 -4.92 6.76	99.13 -4.85 4.18	78.41 -3.71 0.64
HIGH FALLS___HY 23754	78.82 3.22 0.00	77.31 3.13 0.00	73.08 2.78 0.00	56.54 2.08 0.00	54.76 1.97 0.00	54.41 2.06 0.00	75.26 3.16 0.00	80.92 3.43 -9.61	67.62 3.16 -2.04	43.04 1.99 0.00	50.67 2.27 0.00	40.79 1.67 0.00	42.30 1.67 0.00	42.12 1.79 0.00	42.83 1.82 0.14	51.26 2.38 0.00	79.93 3.92 0.00	108.17 6.42 0.00	83.60 5.23 0.00	95.64 6.23 -0.98	95.94 6.06 -3.26	117.85 6.74 0.00	113.95 5.79 0.00	97.19 4.36 -10.08
HIGH_RIVER___SOLAR 323847	78.66 3.06 0.00	77.21 3.04 0.00	73.14 2.85 0.00	56.68 2.22 0.00	54.94 2.15 0.00	54.50 2.14 0.00	75.23 3.13 0.00	150.02 3.07 -79.07	81.87 2.63 -16.83	42.56 1.52 0.00	50.06 1.66 0.00	40.26 1.14 0.00	41.94 1.30 0.00	41.62 1.28 0.00	42.63 1.59 0.12	50.84 1.96 0.00	79.42 3.41 0.00	106.89 5.13 0.00	82.45 4.08 0.00	100.77 4.54 -7.79	116.93 4.39 -25.92	116.37 5.26 0.00	112.93 4.77 0.00	166.60 3.67 -80.19

HILLBURN___GT 23639	77.91 2.31 0.00	76.42 2.24 0.00	72.17 1.88 0.00	55.84 1.38 0.00	54.04 1.25 0.00	53.71 1.35 0.00	74.10 2.00 0.00	76.83 2.33 -6.63	66.00 2.17 -1.41	42.40 1.36 0.00	50.17 1.77 0.00	40.66 1.54 0.00	42.23 1.60 0.00	41.95 1.62 0.00	42.71 1.71 0.15	50.90 2.03 0.00	78.92 2.91 0.00	106.36 4.61 0.00	82.05 3.68 0.00	93.64 4.56 -0.65	93.29 4.51 -2.16	115.86 4.75 0.00	112.06 3.90 0.00	92.52 3.09 -6.69
HILLSIDE_115KV_TB1 80332	65.40 -4.61 5.59	69.63 -4.54 0.00	66.14 -4.16 0.00	51.07 -3.39 0.00	49.96 -2.83 0.00	49.77 -2.59 0.00	68.62 -3.48 0.00	66.85 -3.55 -2.52	60.22 -3.28 -1.08	38.62 -2.42 0.00	43.68 -2.95 1.77	37.10 -2.31 -0.29	38.09 -2.54 0.00	38.00 -2.46 -0.13	38.95 -2.65 -0.44	47.15 -2.87 -1.15	71.85 -4.18 -0.02	97.05 -4.70 0.00	75.72 -2.65 0.00	84.64 -3.66 0.14	83.23 -3.77 -0.39	99.10 -5.53 6.47	98.62 -5.54 4.00	78.06 -4.26 0.42
HISHELDN_WT_PWR 323625	64.11 -8.81 2.68	65.75 -8.42 0.00	62.63 -7.67 0.00	48.51 -5.94 0.00	47.37 -5.41 0.00	47.48 -4.88 0.00	64.66 -7.43 0.00	61.68 -7.81 -1.61	51.36 -7.28 3.78	36.20 -4.84 0.00	36.16 -6.01 6.23	32.27 -5.14 1.71	35.19 -5.45 0.00	34.19 -5.39 0.75	26.04 -5.44 9.67	35.33 -6.09 7.46	67.39 -8.52 0.10	91.67 -10.08 0.00	71.70 -6.66 0.00	78.90 -9.05 0.48	77.13 -9.31 0.18	87.98 -12.28 10.85	90.59 -10.86 6.70	71.34 -8.15 3.26
HOLTSVILLE_IC_1 23690	80.58 4.98 0.00	79.01 4.83 0.00	74.51 4.21 0.00	57.57 3.11 0.00	55.78 3.00 0.00	55.55 3.19 0.00	76.64 4.54 0.00	79.60 4.74 -6.99	68.09 4.18 -1.49	43.57 2.53 0.00	52.84 3.54 -0.90	42.37 2.87 -0.39	43.38 2.74 0.00	42.87 2.54 0.00	43.73 2.72 0.14	52.53 3.66 0.00	81.81 5.80 0.00	163.34 8.51 -53.08	165.24 6.79 -80.08	140.19 8.17 -43.58	118.23 7.96 -23.64	119.89 8.78 0.00	115.55 7.39 0.00	96.60 5.95 -7.90
HOLTSVILLE_IC_10 23699	81.01 5.41 0.00	79.41 5.24 0.00	74.87 4.58 0.00	57.84 3.38 0.00	56.06 3.27 0.00	55.85 3.49 0.00	77.09 5.00 0.00	80.01 5.15 -6.99	68.47 4.57 -1.49	43.79 2.75 0.00	53.09 3.79 -0.90	42.57 3.07 -0.39	43.54 2.91 0.00	43.06 2.73 0.00	43.94 2.93 0.14	52.82 3.95 0.00	82.33 6.32 0.00	164.06 9.23 -53.08	165.81 7.36 -80.08	140.84 8.83 -43.58	118.84 8.57 -23.64	120.64 9.53 0.00	116.22 8.06 0.00	97.05 6.41 -7.90
HOLTSVILLE_IC_2 23691	80.58 4.98 0.00	79.01 4.83 0.00	74.51 4.21 0.00	57.57 3.11 0.00	55.78 3.00 0.00	55.55 3.19 0.00	76.64 4.54 0.00	79.60 4.74 -6.99	68.09 4.18 -1.49	43.57 2.53 0.00	52.84 3.54 -0.90	42.37 2.87 -0.39	43.38 2.74 0.00	42.87 2.54 0.00	43.73 2.72 0.14	52.53 3.66 0.00	81.81 5.80 0.00	163.34 8.51 -53.08	165.24 6.79 -80.08	140.19 8.17 -43.58	118.23 7.96 -23.64	119.89 8.78 0.00	115.55 7.39 0.00	96.60 5.95 -7.90
HOLTSVILLE_IC_3 23692	80.58 4.98 0.00	79.01 4.83 0.00	74.51 4.21 0.00	57.57 3.11 0.00	55.78 3.00 0.00	55.55 3.19 0.00	76.64 4.54 0.00	79.60 4.74 -6.99	68.09 4.18 -1.49	43.57 2.53 0.00	52.84 3.54 -0.90	42.37 2.87 -0.39	43.38 2.74 0.00	42.87 2.54 0.00	43.73 2.72 0.14	52.53 3.66 0.00	81.81 5.80 0.00	163.34 8.51 -53.08	165.24 6.79 -80.08	140.19 8.17 -43.58	118.23 7.96 -23.64	119.89 8.78 0.00	115.55 7.39 0.00	96.60 5.95 -7.90
HOLTSVILLE_IC_4 23693	80.58 4.98 0.00	79.01 4.83 0.00	74.51 4.21 0.00	57.57 3.11 0.00	55.78 3.00 0.00	55.55 3.19 0.00	76.64 4.54 0.00	79.60 4.74 -6.99	68.09 4.18 -1.49	43.57 2.53 0.00	52.84 3.54 -0.90	42.37 2.87 -0.39	43.38 2.74 0.00	42.87 2.54 0.00	43.73 2.72 0.14	52.53 3.66 0.00	81.81 5.80 0.00	163.34 8.51 -53.08	165.24 6.79 -80.08	140.19 8.17 -43.58	118.23 7.96 -23.64	119.89 8.78 0.00	115.55 7.39 0.00	96.60 5.95 -7.90
HOLTSVILLE_IC_5 23694	80.58 4.98 0.00	79.01 4.83 0.00	74.51 4.21 0.00	57.57 3.11 0.00	55.78 3.00 0.00	55.55 3.19 0.00	76.64 4.54 0.00	79.60 4.74 -6.99	68.09 4.18 -1.49	43.57 2.53 0.00	52.84 3.54 -0.90	42.37 2.87 -0.39	43.38 2.74 0.00	42.87 2.54 0.00	43.73 2.72 0.14	52.53 3.66 0.00	81.81 5.80 0.00	163.34 8.51 -53.08	165.24 6.79 -80.08	140.19 8.17 -43.58	118.23 7.96 -23.64	119.89 8.78 0.00	115.55 7.39 0.00	96.60 5.95 -7.90
HOLTSVILLE_IC_6 23695	81.01 5.41 0.00	79.41 5.24 0.00	74.87 4.58 0.00	57.84 3.38 0.00	56.06 3.27 0.00	55.85 3.49 0.00	77.09 5.00 0.00	80.01 5.15 -6.99	68.47 4.57 -1.49	43.79 2.75 0.00	53.09 3.79 -0.90	42.57 3.07 -0.39	43.54 2.91 0.00	43.06 2.73 0.00	43.94 2.93 0.14	52.82 3.95 0.00	82.33 6.32 0.00	164.06 9.23 -53.08	165.81 7.36 -80.08	140.84 8.83 -43.58	118.84 8.57 -23.64	120.64 9.53 0.00	116.22 8.06 0.00	97.05 6.41 -7.90
HOLTSVILLE_IC_7 23696	81.01 5.41 0.00	79.41 5.24 0.00	74.87 4.58 0.00	57.84 3.38 0.00	56.06 3.27 0.00	55.85 3.49 0.00	77.09 5.00 0.00	80.01 5.15 -6.99	68.47 4.57 -1.49	43.79 2.75 0.00	53.09 3.79 -0.90	42.57 3.07 -0.39	43.54 2.91 0.00	43.06 2.73 0.00	43.94 2.93 0.14	52.82 3.95 0.00	82.33 6.32 0.00	164.06 9.23 -53.08	165.81 7.36 -80.08	140.84 8.83 -43.58	118.84 8.57 -23.64	120.64 9.53 0.00	116.22 8.06 0.00	97.05 6.41 -7.90
HOLTSVILLE_IC_8 23697	81.01 5.41 0.00	79.41 5.24 0.00	74.87 4.58 0.00	57.84 3.38 0.00	56.06 3.27 0.00	55.85 3.49 0.00	77.09 5.00 0.00	80.01 5.15 -6.99	68.47 4.57 -1.49	43.79 2.75 0.00	53.09 3.79 -0.90	42.57 3.07 -0.39	43.54 2.91 0.00	43.06 2.73 0.00	43.94 2.93 0.14	52.82 3.95 0.00	82.33 6.32 0.00	164.06 9.23 -53.08	165.81 7.36 -80.08	140.84 8.83 -43.58	118.84 8.57 -23.64	120.64 9.53 0.00	116.22 8.06 0.00	97.05 6.41 -7.90
HOLTSVILLE_IC_9 23698	81.01 5.41 0.00	79.41 5.24 0.00	74.87 4.58 0.00	57.84 3.38 0.00	56.06 3.27 0.00	55.85 3.49 0.00	77.09 5.00 0.00	80.01 5.15 -6.99	68.47 4.57 -1.49	43.79 2.75 0.00	53.09 3.79 -0.90	42.57 3.07 -0.39	43.54 2.91 0.00	43.06 2.73 0.00	43.94 2.93 0.14	52.82 3.95 0.00	82.33 6.32 0.00	164.06 9.23 -53.08	165.81 7.36 -80.08	140.84 8.83 -43.58	118.84 8.57 -23.64	120.64 9.53 0.00	116.22 8.06 0.00	97.05 6.41 -7.90
HOMER_HL_115KV_TB2 355744	66.15 -6.65 2.79	67.71 -6.46 0.00	64.53 -5.77 0.00	50.03 -4.43 0.00	49.02 -3.76 0.00	48.97 -3.38 0.00	66.62 -5.48 0.00	64.22 -5.43 -1.78	57.52 -4.90 -0.01	37.81 -3.23 0.00	42.71 -3.91 1.78	35.72 -3.24 0.16	37.14 -3.49 0.00	36.78 -3.48 0.07	35.64 -3.55 1.96	44.09 -4.09 0.70	69.44 -6.56 0.01	93.79 -7.97 0.00	73.28 -5.09 0.00	81.21 -6.78 0.45	79.49 -7.00 0.13	91.01 -9.63 10.47	93.22 -8.47 6.47	73.46 -6.29 3.00
HOWARD_WT_PWR 323690	60.23 -9.51 5.86	65.74 -8.44 0.00	62.12 -8.17 0.00	48.14 -6.32 0.00	47.24 -5.55 0.00	47.05 -5.31 0.00	64.50 -7.60 0.00	62.19 -7.83 -2.15	60.61 -7.19 -5.38	36.14 -4.90 0.00	44.74 -6.55 -2.89	35.58 -5.47 -1.94	34.81 -5.82 0.00	35.49 -5.69 -0.84	43.95 -5.74 -8.55	51.29 -6.11 -8.53	68.37 -7.76 -0.11	94.83 -6.93 0.00	74.19 -4.17 0.00	82.58 -5.55 0.30	80.93 -5.79 -0.10	93.75 -8.94 8.41	94.95 -8.01 5.20	75.36 -5.59 1.80

HQ_GEN_CEDARS 23644	77.78 2.19 0.00	76.17 1.99 0.00	72.19 1.89 0.00	56.00 1.54 0.00	54.15 1.37 0.00	53.92 1.56 0.00	74.28 2.18 0.00	69.12 1.25 0.00	63.40 0.99 0.00	42.16 1.12 0.00	49.65 1.26 0.00	40.06 0.94 0.00	41.63 0.99 0.00	41.30 0.97 0.00	41.95 0.92 0.12	49.93 1.06 0.00	77.11 1.10 0.00	102.42 0.66 0.00	78.49 0.12 0.00	88.31 -0.13 0.00	86.64 0.03 0.00	112.22 1.11 0.00	110.28 2.12 0.00	84.90 2.15 0.00
HQ_GEN_CEDARS_PROXY 323590	77.78 2.19 0.00	76.17 1.99 0.00	72.19 1.89 0.00	56.00 1.53 0.00	54.16 1.37 0.00	53.92 1.56 0.00	74.28 2.18 0.00	69.12 1.25 0.00	63.40 0.99 0.00	42.16 1.12 0.00	49.65 1.25 0.00	40.06 0.94 0.00	41.63 0.99 0.00	41.30 0.97 0.00	41.95 0.92 0.12	49.93 1.06 0.00	77.11 1.10 0.00	102.42 0.67 0.00	78.49 0.12 0.00	88.31 -0.13 0.00	86.65 0.03 0.00	112.22 1.11 0.00	110.28 2.12 0.00	84.90 2.16 0.00
HQ_GEN_IMPORT 323601	76.41 0.81 0.00	74.86 0.68 0.00	70.93 0.63 0.00	54.98 0.53 0.00	53.23 0.45 0.00	52.90 0.54 0.00	73.80 0.71 -0.99	69.23 0.45 -0.91	62.76 0.35 0.00	41.42 0.37 0.00	48.80 0.41 0.00	39.40 0.29 0.00	40.93 0.30 0.00	40.61 0.28 0.00	41.40 0.25 0.00	49.20 0.33 0.00	76.44 0.42 0.00	101.59 -0.16 0.00	77.98 -0.39 0.00	87.97 -0.47 0.00	86.16 -0.46 0.00	111.26 0.15 0.00	108.89 0.73 0.00	83.23 0.48 0.00
HQ_GEN_WHEEL 23651	76.41 0.81 0.00	74.86 0.68 0.00	70.93 0.63 0.00	54.98 0.53 0.00	53.23 0.45 0.00	52.90 0.54 0.00	73.80 0.71 -0.99	69.23 0.45 -0.91	62.76 0.35 0.00	41.42 0.37 0.00	48.80 0.41 0.00	39.40 0.29 0.00	40.93 0.30 0.00	40.61 0.28 0.00	41.40 0.25 0.00	49.20 0.33 0.00	76.44 0.42 0.00	101.59 -0.16 0.00	77.98 -0.39 0.00	87.97 -0.47 0.00	86.16 -0.46 0.00	111.26 0.15 0.00	108.89 0.73 0.00	83.23 0.48 0.00
HUDSON AVE_GT_3 23810	78.57 2.97 0.00	76.99 2.82 0.00	72.65 2.35 0.00	56.26 1.80 0.00	54.41 1.63 0.00	54.10 1.75 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.68 2.77 -1.49	42.91 1.86 0.00	50.88 2.49 0.00	41.28 2.16 0.00	42.86 2.23 0.00	42.59 2.26 0.00	43.35 2.34 0.14	51.54 2.66 0.00	79.78 3.76 0.00	107.50 5.75 0.00	82.98 4.61 0.00	94.81 5.69 -0.69	94.54 5.65 -2.28	117.21 6.10 0.00	113.28 5.12 0.00	93.81 4.01 -7.05
HUDSON AVE_GT_4 23540	78.57 2.97 0.00	76.99 2.82 0.00	72.65 2.35 0.00	56.26 1.80 0.00	54.41 1.63 0.00	54.10 1.75 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.68 2.77 -1.49	42.91 1.86 0.00	50.88 2.49 0.00	41.28 2.16 0.00	42.86 2.23 0.00	42.59 2.26 0.00	43.35 2.34 0.14	51.54 2.66 0.00	79.78 3.76 0.00	107.50 5.75 0.00	82.98 4.61 0.00	94.81 5.69 -0.69	94.54 5.65 -2.28	117.21 6.10 0.00	113.28 5.12 0.00	93.81 4.01 -7.05
HUDSON AVE_GT_5 23657	78.57 2.97 0.00	76.99 2.82 0.00	72.65 2.35 0.00	56.26 1.80 0.00	54.41 1.63 0.00	54.10 1.75 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.68 2.77 -1.49	42.91 1.86 0.00	50.88 2.49 0.00	41.28 2.16 0.00	42.86 2.23 0.00	42.59 2.26 0.00	43.35 2.34 0.14	51.54 2.66 0.00	79.78 3.76 0.00	107.50 5.75 0.00	82.98 4.61 0.00	94.81 5.69 -0.69	94.54 5.65 -2.28	117.21 6.10 0.00	113.28 5.12 0.00	93.81 4.01 -7.05
HUDSON_AVE_10 24168	78.45 2.85 0.00	76.85 2.68 0.00	72.50 2.20 0.00	56.18 1.72 0.00	54.30 1.52 0.00	54.00 1.65 0.00	74.55 2.45 0.00	77.66 2.80 -6.99	66.55 2.64 -1.49	42.82 1.78 0.00	50.79 2.39 0.00	41.20 2.09 0.00	42.78 2.15 0.00	42.54 2.21 0.00	43.29 2.28 0.14	51.44 2.57 0.00	79.61 3.60 0.00	107.32 5.57 0.00	82.83 4.46 0.00	94.65 5.53 -0.69	94.41 5.51 -2.28	117.04 5.93 0.00	113.06 4.90 0.00	93.63 3.84 -7.05
HUDSON___115KV_TB 4 355613	80.21 4.61 0.00	78.75 4.57 0.00	74.65 4.35 0.00	57.82 3.36 0.00	56.03 3.25 0.00	55.37 3.00 0.00	75.91 3.81 0.00	100.86 3.81 -29.18	72.19 3.56 -6.21	43.18 2.14 0.00	50.92 2.52 0.00	41.25 2.13 0.00	42.79 2.16 0.00	42.37 2.04 0.00	43.10 2.06 0.11	51.25 2.38 0.00	80.12 4.10 0.00	108.17 6.42 0.00	83.34 4.97 0.00	97.32 5.76 -3.13	102.79 5.78 -10.39	117.99 6.88 0.00	114.61 6.45 0.00	120.39 5.48 -32.16
HUNTER MOUNT___DRP 323613	80.81 5.21 0.00	79.33 5.15 0.00	75.21 4.91 0.00	58.28 3.82 0.00	56.49 3.70 0.00	55.85 3.49 0.00	76.67 4.57 0.00	97.39 4.49 -25.02	71.98 4.24 -5.32	43.61 2.57 0.00	51.40 3.00 0.00	41.57 2.45 0.00	43.18 2.55 0.00	42.78 2.46 0.00	43.44 2.40 0.11	51.68 2.81 0.00	80.99 4.98 0.00	109.40 7.64 0.00	84.28 5.91 0.00	97.83 6.73 -2.67	102.16 6.67 -8.87	119.17 8.06 0.00	115.73 7.57 0.00	116.36 6.18 -27.43
HUNTINGTON_RES_REC 323705	80.58 4.98 0.00	79.00 4.82 0.00	74.49 4.20 0.00	57.57 3.11 0.00	55.75 2.96 0.00	55.48 3.12 0.00	76.46 4.36 0.00	79.37 4.51 -6.99	67.88 3.98 -1.49	43.54 2.49 0.00	52.94 3.64 -0.90	42.43 2.93 -0.39	43.45 2.81 0.00	42.92 2.58 0.00	43.74 2.73 0.14	52.50 3.63 0.00	81.63 5.62 0.00	163.06 8.23 -53.08	165.07 6.62 -80.08	140.02 8.00 -43.58	118.14 7.88 -23.64	119.82 8.71 0.00	115.40 7.24 0.00	96.46 5.81 -7.90
HUNTLEY___63 23557	65.76 -7.94 1.89	66.54 -7.63 0.00	63.43 -6.87 0.00	49.17 -5.29 0.00	48.01 -4.78 0.00	48.12 -4.24 0.00	65.34 -6.76 0.00	60.44 -7.40 0.03	54.25 -6.80 1.36	36.65 -4.39 0.00	40.51 -5.37 2.52	33.82 -4.74 0.56	35.58 -5.06 0.00	35.05 -5.03 0.25	32.07 -5.06 4.02	40.78 -5.64 2.45	67.79 -8.19 0.03	91.29 -10.46 0.00	71.00 -7.37 0.00	77.43 -10.29 0.72	75.07 -10.72 0.82	85.25 -13.77 12.09	88.70 -11.99 7.47	68.00 -9.18 5.57
HUNTLEY___64 23558	65.76 -7.94 1.89	66.54 -7.63 0.00	63.43 -6.87 0.00	49.17 -5.29 0.00	48.01 -4.78 0.00	48.12 -4.24 0.00	65.34 -6.76 0.00	60.44 -7.40 0.03	54.25 -6.80 1.36	36.65 -4.39 0.00	40.51 -5.37 2.52	33.82 -4.74 0.56	35.58 -5.06 0.00	35.05 -5.03 0.25	32.07 -5.06 4.02	40.78 -5.64 2.45	67.79 -8.19 0.03	91.29 -10.46 0.00	71.00 -7.37 0.00	77.43 -10.29 0.72	75.07 -10.72 0.82	85.25 -13.77 12.09	88.70 -11.99 7.47	68.00 -9.18 5.57
HUNTLEY___65 23559	65.76 -7.94 1.89	66.54 -7.63 0.00	63.43 -6.87 0.00	49.17 -5.29 0.00	48.01 -4.78 0.00	48.12 -4.24 0.00	65.34 -6.76 0.00	60.44 -7.40 0.03	54.25 -6.80 1.36	36.65 -4.39 0.00	40.51 -5.37 2.52	33.82 -4.74 0.56	35.58 -5.06 0.00	35.05 -5.03 0.25	32.07 -5.06 4.02	40.78 -5.64 2.45	67.79 -8.19 0.03	91.29 -10.46 0.00	71.00 -7.37 0.00	77.43 -10.29 0.72	75.07 -10.72 0.82	85.25 -13.77 12.09	88.70 -11.99 7.47	68.00 -9.18 5.57
HUNTLEY___66 23560	65.76 -7.94 1.89	66.54 -7.63 0.00	63.43 -6.87 0.00	49.17 -5.29 0.00	48.01 -4.78 0.00	48.12 -4.24 0.00	65.34 -6.76 0.00	60.44 -7.40 0.03	54.25 -6.80 1.36	36.65 -4.39 0.00	40.51 -5.37 2.52	33.82 -4.74 0.56	35.58 -5.06 0.00	35.05 -5.03 0.25	32.07 -5.06 4.02	40.78 -5.64 2.45	67.79 -8.19 0.03	91.29 -10.46 0.00	71.00 -7.37 0.00	77.43 -10.29 0.72	75.07 -10.72 0.82	85.25 -13.77 12.09	88.70 -11.99 7.47	68.00 -9.18 5.57

HUNTLEY___67 23561	65.30 -8.32 1.98	66.19 -7.99 0.00	63.11 -7.18 0.00	48.93 -5.53 0.00	47.79 -5.00 0.00	47.89 -4.47 0.00	65.04 -7.06 0.00	60.20 -7.64 0.04	53.76 -7.08 1.58	36.50 -4.54 0.00	39.98 -5.60 2.82	33.62 -4.85 0.65	35.51 -5.13 0.00	34.92 -5.12 0.29	31.47 -5.23 4.45	40.21 -5.83 2.83	67.59 -8.38 0.04	91.03 -10.73 0.00	70.78 -7.59 0.00	77.29 -10.43 0.72	75.00 -10.80 0.82	85.30 -13.83 11.98	88.65 -12.11 7.40	68.00 -9.23 5.51
HUNTLEY___68 23562	65.30 -8.32 1.98	66.19 -7.99 0.00	63.11 -7.18 0.00	48.93 -5.53 0.00	47.79 -5.00 0.00	47.89 -4.47 0.00	65.04 -7.06 0.00	60.20 -7.64 0.04	53.76 -7.08 1.58	36.50 -4.54 0.00	39.98 -5.60 2.82	33.62 -4.85 0.65	35.51 -5.13 0.00	34.92 -5.12 0.29	31.47 -5.23 4.45	40.21 -5.83 2.83	67.59 -8.38 0.04	91.03 -10.73 0.00	70.78 -7.59 0.00	77.29 -10.43 0.72	75.00 -10.80 0.82	85.30 -13.83 11.98	88.65 -12.11 7.40	68.00 -9.23 5.51
HYLAND___LFGE 323620	67.15 -5.31 3.14	69.21 -4.97 0.00	65.69 -4.60 0.00	50.97 -3.49 0.00	49.86 -2.92 0.00	50.10 -2.26 0.00	68.88 -3.22 0.00	64.62 -3.37 -0.12	64.18 -3.53 -5.29	38.15 -2.90 0.00	48.65 -4.45 -4.70	36.88 -4.36 -2.12	35.78 -4.85 0.00	36.51 -4.75 -0.92	45.64 -4.91 -9.40	52.76 -5.55 -9.45	68.93 -7.21 -0.12	97.47 -4.28 0.00	76.65 -1.71 0.00	84.58 -3.22 0.63	82.34 -3.56 0.72	95.30 -5.21 10.59	96.76 -4.86 6.55	74.09 -3.78 4.88
INDECK___CORINTH 23802	81.28 5.68 0.00	79.73 5.55 0.00	75.57 5.28 0.00	58.77 4.30 0.00	56.99 4.21 0.00	56.62 4.26 0.00	78.22 6.13 0.00	149.68 6.12 -75.68	84.06 5.54 -16.10	44.50 3.46 0.00	52.48 4.08 0.00	42.35 3.23 0.00	43.94 3.31 0.00	43.59 3.26 0.00	44.40 3.35 0.10	52.86 3.99 0.00	82.37 6.36 0.00	111.07 9.32 0.00	85.64 7.27 0.00	104.17 8.31 -7.42	119.22 7.94 -24.67	120.66 9.55 0.00	116.84 8.68 0.00	165.82 6.75 -76.32
INDECK___ILION 23567	78.93 3.33 0.00	77.21 3.03 0.00	73.07 2.78 0.00	56.42 1.96 0.00	54.87 2.09 0.00	54.35 1.99 0.00	75.36 3.26 0.00	71.11 3.23 0.00	65.21 2.79 0.00	42.47 1.42 0.00	49.72 1.32 0.00	40.13 1.01 0.00	41.83 1.20 0.00	41.47 1.14 0.00	42.66 1.63 0.12	51.04 2.16 0.00	79.55 3.54 0.00	108.23 6.48 0.00	83.53 5.16 0.00	94.53 6.09 0.00	92.82 6.21 0.00	117.93 6.82 0.00	113.44 5.28 0.00	86.87 4.12 0.00
INDECK___OLEAN 23982	66.16 -6.65 2.79	67.72 -6.46 0.00	64.53 -5.77 0.00	50.03 -4.43 0.00	49.02 -3.77 0.00	48.97 -3.38 0.00	66.62 -5.48 0.00	64.23 -5.42 -1.78	57.53 -4.89 -0.01	37.81 -3.23 0.00	42.73 -3.89 1.78	35.73 -3.22 0.16	37.14 -3.49 0.00	36.80 -3.46 0.07	35.70 -3.49 1.96	44.11 -4.06 0.70	69.43 -6.57 0.01	93.79 -7.96 0.00	73.27 -5.10 0.00	81.21 -6.77 0.45	79.53 -6.96 0.13	91.13 -9.52 10.47	93.28 -8.41 6.47	73.42 -6.32 3.00
INDECK___OSWEGO 23783	71.88 -3.72 0.00	70.53 -3.65 0.00	66.90 -3.40 0.00	51.84 -2.62 0.00	50.34 -2.45 0.00	50.02 -2.34 0.00	68.89 -3.20 0.00	64.85 -3.02 0.00	59.63 -2.79 0.00	39.12 -1.92 0.00	46.07 -2.33 0.00	37.24 -1.87 0.00	38.64 -2.00 0.00	38.35 -1.98 0.00	37.70 -2.04 1.42	46.29 -2.58 0.00	72.00 -4.01 0.00	96.73 -5.02 0.00	74.68 -3.69 0.00	84.40 -4.44 -0.40	82.66 -4.41 -0.45	111.99 -5.74 -6.62	106.45 -5.80 -4.09	81.29 -4.50 -3.04
INDECK___YERKES 23781	65.86 -7.85 1.89	66.62 -7.55 0.00	63.49 -6.81 0.00	49.21 -5.25 0.00	48.07 -4.72 0.00	48.17 -4.19 0.00	65.43 -6.67 0.00	60.52 -7.32 0.03	54.34 -6.71 1.36	36.68 -4.36 0.00	40.59 -5.28 2.52	33.87 -4.69 0.56	35.62 -5.02 0.00	35.10 -4.98 0.25	32.17 -4.95 4.02	40.86 -5.56 2.45	67.87 -8.12 0.03	91.38 -10.37 0.00	71.07 -7.29 0.00	77.53 -10.19 0.72	75.17 -10.62 0.82	85.48 -13.54 12.09	88.87 -11.82 7.47	68.07 -9.11 5.57
INDIAN POINT_GT_1 24139	78.18 2.57 0.00	76.67 2.50 0.00	72.40 2.11 0.00	56.04 1.58 0.00	54.23 1.45 0.00	53.88 1.52 0.00	74.34 2.24 0.00	77.32 2.54 -6.91	66.25 2.36 -1.47	42.54 1.50 0.00	50.39 1.99 0.00	40.84 1.72 0.00	42.40 1.76 0.00	42.12 1.79 0.00	42.89 1.88 0.14	51.06 2.19 0.00	79.20 3.19 0.00	106.69 4.94 0.00	82.32 3.95 0.00	93.97 4.85 -0.68	93.68 4.81 -2.25	116.27 5.16 0.00	112.42 4.26 0.00	93.10 3.38 -6.98
INDIAN POINT_GT_2 23659	78.18 2.57 0.00	76.67 2.50 0.00	72.40 2.11 0.00	56.04 1.58 0.00	54.23 1.45 0.00	53.88 1.52 0.00	74.34 2.24 0.00	77.32 2.54 -6.91	66.25 2.36 -1.47	42.54 1.50 0.00	50.39 1.99 0.00	40.84 1.72 0.00	42.40 1.76 0.00	42.12 1.79 0.00	42.89 1.88 0.14	51.06 2.19 0.00	79.20 3.19 0.00	106.69 4.94 0.00	82.32 3.95 0.00	93.97 4.85 -0.68	93.68 4.81 -2.25	116.27 5.16 0.00	112.42 4.26 0.00	93.10 3.38 -6.98
INDIAN POINT_GT_3 24019	78.18 2.57 0.00	76.67 2.50 0.00	72.40 2.11 0.00	56.04 1.58 0.00	54.23 1.45 0.00	53.88 1.52 0.00	74.34 2.24 0.00	77.32 2.54 -6.91	66.25 2.36 -1.47	42.54 1.50 0.00	50.39 1.99 0.00	40.84 1.72 0.00	42.40 1.76 0.00	42.12 1.79 0.00	42.89 1.88 0.14	51.06 2.19 0.00	79.20 3.19 0.00	106.69 4.94 0.00	82.32 3.95 0.00	93.97 4.85 -0.68	93.68 4.81 -2.25	116.27 5.16 0.00	112.42 4.26 0.00	93.10 3.38 -6.98
INDIAN POINT___2 23530	77.99 2.39 0.00	76.49 2.31 0.00	72.25 1.95 0.00	55.91 1.44 0.00	54.10 1.31 0.00	53.76 1.40 0.00	74.13 2.03 0.00	77.05 2.37 -6.80	66.07 2.21 -1.45	42.43 1.39 0.00	50.24 1.84 0.00	40.73 1.61 0.00	42.29 1.65 0.00	42.01 1.68 0.00	42.76 1.75 0.14	50.93 2.06 0.00	78.98 2.96 0.00	106.40 4.65 0.00	82.09 3.72 0.00	93.73 4.63 -0.67	93.41 4.57 -2.22	115.94 4.83 0.00	112.12 3.96 0.00	92.80 3.18 -6.87
INDIAN POINT___3 23531	78.06 2.46 0.00	76.57 2.39 0.00	72.33 2.03 0.00	55.98 1.52 0.00	54.17 1.39 0.00	53.82 1.46 0.00	74.22 2.12 0.00	77.23 2.44 -6.92	66.17 2.28 -1.47	42.48 1.44 0.00	50.31 1.92 0.00	40.78 1.66 0.00	42.34 1.71 0.00	42.06 1.73 0.00	42.82 1.81 0.14	50.99 2.12 0.00	79.06 3.04 0.00	106.51 4.76 0.00	82.17 3.80 0.00	93.84 4.72 -0.68	93.57 4.69 -2.26	116.09 4.98 0.00	112.27 4.11 0.00	93.00 3.27 -6.98
INGHAM_C_115KV_TB7 356103	78.40 2.80 0.00	76.71 2.54 0.00	72.60 2.30 0.00	56.05 1.60 0.00	54.51 1.72 0.00	53.96 1.60 0.00	74.79 2.69 0.00	70.57 2.70 0.00	64.69 2.27 0.00	42.11 1.07 0.00	49.30 0.91 0.00	39.80 0.68 0.00	41.48 0.85 0.00	41.12 0.79 0.00	42.30 1.27 0.12	50.60 1.72 0.00	78.81 2.80 0.00	107.24 5.49 0.00	82.79 4.42 0.00	93.72 5.28 0.00	92.06 5.44 0.00	116.98 5.88 0.00	112.57 4.41 0.00	86.26 3.52 0.00
IP CORINTH___1 23988	81.28 5.68 0.00	79.72 5.55 0.00	75.57 5.28 0.00	58.77 4.31 0.00	56.99 4.21 0.00	56.62 4.26 0.00	78.22 6.13 0.00	149.68 6.13 -75.68	84.06 5.54 -16.10	44.50 3.46 0.00	52.48 4.08 0.00	42.35 3.23 0.00	43.94 3.31 0.00	43.59 3.26 0.00	44.41 3.36 0.10	52.86 3.99 0.00	82.38 6.36 0.00	111.08 9.33 0.00	85.64 7.28 0.00	104.17 8.31 -7.42	119.23 7.94 -24.67	120.68 9.56 0.00	116.84 8.68 0.00	165.81 6.75 -76.32

IP__TICONDEROGA 23804	83.37 7.77 0.00	81.51 7.33 0.00	77.44 7.15 0.00	61.00 6.54 0.00	59.20 6.41 0.00	58.96 6.60 0.00	81.48 9.38 0.00	152.27 9.43 -74.97	86.50 8.13 -15.95	45.68 4.64 0.00	53.63 5.24 0.00	43.54 4.42 0.00	45.01 4.37 0.00	44.84 4.51 0.00	45.65 4.60 0.10	54.69 5.82 0.00	85.12 9.10 0.00	115.55 13.80 0.00	89.14 10.77 0.00	108.41 12.63 -7.34	122.71 11.67 -24.42	124.75 13.64 0.00	120.43 12.27 0.00	167.56 9.27 -75.54
ISLIP_RES_REC 323679	81.33 5.74 0.00	79.72 5.54 0.00	75.15 4.86 0.00	58.01 3.55 0.00	56.23 3.44 0.00	56.05 3.69 0.00	77.40 5.30 0.00	80.33 5.47 -6.99	68.75 4.85 -1.49	43.98 2.94 0.00	53.28 3.98 -0.90	42.73 3.22 -0.39	43.69 3.06 0.00	43.18 2.85 0.00	44.09 3.08 0.14	53.03 4.16 0.00	82.67 6.66 0.00	164.60 9.77 -53.08	166.22 7.77 -80.08	141.30 9.29 -43.58	119.27 9.00 -23.64	121.17 10.06 0.00	116.74 8.58 0.00	97.39 6.73 -7.90
JAMAICA__27_KV_LOAD 355505	78.97 3.37 0.00	77.30 3.12 0.00	72.92 2.63 0.00	56.54 2.08 0.00	54.65 1.86 0.00	54.42 2.06 0.00	75.18 3.08 0.00	78.29 3.43 -6.99	67.13 3.22 -1.49	43.17 2.13 0.00	51.19 2.79 0.00	41.52 2.40 0.00	43.13 2.50 0.00	42.93 2.60 0.00	43.67 2.66 0.14	51.84 2.97 0.00	80.26 4.25 0.00	108.33 6.57 0.00	83.62 5.26 0.00	95.56 6.44 -0.69	95.32 6.42 -2.28	118.19 7.08 0.00	114.20 6.04 0.00	94.37 4.57 -7.05
JANIS__SOLAR 323808	81.22 0.31 -5.31	73.97 -0.20 0.00	70.09 -0.21 0.00	54.05 -0.41 0.00	52.65 -0.13 0.00	52.60 0.24 0.00	72.79 0.70 0.00	72.44 0.86 -3.70	64.06 0.40 -1.24	40.67 -0.37 0.00	50.70 -0.66 -2.96	38.56 -0.72 -0.16	39.66 -0.97 0.00	39.34 -1.06 -0.07	39.91 -1.12 0.13	48.68 -0.84 -0.66	76.03 0.00 -0.01	104.29 2.54 0.00	81.16 2.79 0.00	91.27 2.75 -0.08	89.88 2.38 -0.89	109.17 2.82 4.76	107.55 2.33 2.94	85.91 1.59 -1.57
JARVIS____ 23743	76.04 0.44 0.00	74.62 0.45 0.00	70.72 0.42 0.00	54.79 0.33 0.00	53.10 0.32 0.00	52.61 0.25 0.00	72.46 0.36 0.00	68.32 0.45 0.00	62.83 0.42 0.00	41.29 0.25 0.00	48.70 0.30 0.00	39.37 0.25 0.00	40.92 0.29 0.00	40.61 0.29 0.00	41.33 0.30 0.12	49.22 0.34 0.00	76.54 0.52 0.00	102.62 0.87 0.00	79.08 0.72 0.00	89.31 0.87 0.00	87.48 0.86 0.00	112.01 0.91 0.00	108.85 0.69 0.00	83.35 0.60 0.00
JENNISON__1 23625	76.99 0.35 -1.04	73.91 -0.27 0.00	70.07 -0.23 0.00	53.63 -0.83 0.00	52.12 -0.67 0.00	52.01 -0.35 0.00	71.98 -0.12 0.00	73.91 0.12 -5.91	63.86 -0.03 -1.47	40.68 -0.36 0.00	48.53 -0.62 -0.75	38.75 -0.46 -0.09	40.06 -0.57 0.00	39.72 -0.64 -0.04	40.13 -0.66 0.37	48.44 -0.43 0.00	76.62 0.61 0.00	104.40 2.65 0.00	81.15 2.79 0.00	91.35 2.58 -0.34	90.57 2.29 -1.67	110.01 2.95 4.06	107.99 2.33 2.51	88.57 1.69 -4.13
JENNISON__2 23626	76.99 0.35 -1.04	73.91 -0.27 0.00	70.07 -0.23 0.00	53.63 -0.83 0.00	52.12 -0.67 0.00	52.01 -0.35 0.00	71.98 -0.12 0.00	73.91 0.12 -5.91	63.86 -0.03 -1.47	40.68 -0.36 0.00	48.53 -0.62 -0.75	38.75 -0.46 -0.09	40.06 -0.57 0.00	39.72 -0.64 -0.04	40.13 -0.66 0.37	48.44 -0.43 0.00	76.62 0.61 0.00	104.40 2.65 0.00	81.15 2.79 0.00	91.35 2.58 -0.34	90.57 2.29 -1.67	110.01 2.95 4.06	107.99 2.33 2.51	88.57 1.69 -4.13
JERICHO_RISE_WT_PWR 323719	75.75 0.15 0.00	73.97 -0.21 0.00	69.94 -0.35 0.00	54.20 -0.26 0.00	52.29 -0.50 0.00	52.30 -0.06 0.00	71.83 -0.27 0.00	68.61 -0.54 -1.28	68.72 -0.86 -7.17	45.02 -0.34 -4.33	51.29 -0.46 -3.36	39.51 -0.45 -0.84	40.21 -0.42 0.00	39.94 -0.39 0.00	40.68 -0.38 0.09	48.68 -0.19 0.00	76.02 0.01 0.00	101.64 -0.11 0.00	77.78 -0.59 0.00	87.27 -1.16 0.00	85.59 -1.03 0.00	110.58 -0.53 0.00	108.93 0.77 0.00	83.46 0.71 0.00
KATONAH__115KV_46KV_TB4 355592	79.11 3.51 0.00	77.59 3.42 0.00	73.27 2.98 0.00	56.72 2.25 0.00	54.93 2.14 0.00	54.60 2.24 0.00	75.40 3.31 0.00	78.53 3.54 -7.12	67.20 3.27 -1.51	43.12 2.08 0.00	51.08 2.69 0.00	41.36 2.25 0.00	42.95 2.31 0.00	42.66 2.33 0.00	43.43 2.42 0.14	51.72 2.85 0.00	80.31 4.29 0.00	108.28 6.52 0.00	83.63 5.26 0.00	95.43 6.30 -0.70	95.12 6.18 -2.32	117.99 6.88 0.00	114.04 5.88 0.00	94.50 4.57 -7.18
KCE_NY_1 323755	80.20 4.60 0.00	78.74 4.56 0.00	74.60 4.31 0.00	57.83 3.37 0.00	56.05 3.27 0.00	55.61 3.26 0.00	76.76 4.66 0.00	146.40 4.57 -73.96	82.41 4.25 -15.74	43.71 2.67 0.00	51.58 3.19 0.00	41.70 2.58 0.00	43.41 2.77 0.00	42.99 2.66 0.00	43.77 2.72 0.10	52.13 3.26 0.00	81.19 5.17 0.00	109.20 7.45 0.00	84.11 5.75 0.00	102.28 6.60 -7.24	117.05 6.37 -24.06	118.82 7.71 0.00	115.19 7.03 0.00	162.64 5.44 -74.46
KCE_NY_6_ESR 323823	65.92 -7.53 2.15	66.95 -7.23 0.00	63.84 -6.46 0.00	49.41 -5.05 0.00	48.35 -4.44 0.00	48.44 -3.92 0.00	65.85 -6.25 0.00	61.09 -6.75 0.04	54.49 -6.29 1.64	37.00 -4.04 0.00	40.38 -5.04 2.97	34.02 -4.42 0.67	35.98 -4.66 0.00	35.37 -4.66 0.30	31.87 -4.72 4.56	40.72 -5.21 2.94	68.53 -7.45 0.04	92.56 -9.19 0.00	72.10 -6.27 0.00	78.84 -8.90 0.70	76.60 -9.23 0.79	87.52 -11.98 11.60	90.50 -10.49 7.17	69.42 -7.99 5.34
KEDC_PORT_JEFF_GT2 24210	81.01 5.41 0.00	79.40 5.22 0.00	74.86 4.57 0.00	57.84 3.38 0.00	56.04 3.26 0.00	55.84 3.48 0.00	77.06 4.96 0.00	80.00 5.14 -6.99	68.45 4.55 -1.49	43.79 2.74 0.00	53.09 3.80 -0.90	42.57 3.07 -0.39	43.56 2.92 0.00	43.06 2.73 0.00	43.94 2.93 0.14	52.82 3.95 0.00	82.34 6.32 0.00	163.95 9.12 -53.08	165.65 7.20 -80.08	140.87 8.85 -43.58	118.88 8.62 -23.64	120.66 9.55 0.00	116.25 8.09 0.00	97.06 6.41 -7.90
KEDC_PORT_JEFF_GT3 24211	81.01 5.41 0.00	79.40 5.22 0.00	74.86 4.57 0.00	57.84 3.38 0.00	56.04 3.26 0.00	55.84 3.48 0.00	77.06 4.96 0.00	80.00 5.14 -6.99	68.45 4.55 -1.49	43.79 2.74 0.00	53.09 3.80 -0.90	42.57 3.07 -0.39	43.56 2.92 0.00	43.06 2.73 0.00	43.94 2.93 0.14	52.82 3.95 0.00	82.34 6.32 0.00	163.95 9.12 -53.08	165.65 7.20 -80.08	140.87 8.85 -43.58	118.88 8.62 -23.64	120.66 9.55 0.00	116.25 8.09 0.00	97.06 6.41 -7.90
KEDC_GLWD_GT4 24219	79.90 4.30 0.00	78.35 4.17 0.00	73.89 3.59 0.00	57.13 2.67 0.00	55.34 2.55 0.00	55.03 2.67 0.00	75.63 3.53 0.00	78.62 3.76 -6.99	67.43 3.53 -1.49	43.27 2.23 0.00	52.60 3.30 -0.90	42.30 2.80 -0.39	43.38 2.75 0.00	42.74 2.41 0.00	43.56 2.55 0.14	52.08 3.21 0.00	80.93 4.92 0.00	162.13 7.31 -53.07	164.33 5.87 -80.08	139.09 7.07 -43.58	117.22 6.95 -23.64	118.72 7.61 0.00	114.54 6.38 0.00	95.85 5.20 -7.90
KEDC_GLWD_GT5 24220	79.90 4.30 0.00	78.35 4.17 0.00	73.89 3.59 0.00	57.13 2.67 0.00	55.34 2.55 0.00	55.03 2.67 0.00	75.63 3.53 0.00	78.62 3.76 -6.99	67.43 3.53 -1.49	43.27 2.23 0.00	52.60 3.30 -0.90	42.30 2.80 -0.39	43.38 2.75 0.00	42.74 2.41 0.00	43.56 2.55 0.14	52.08 3.21 0.00	80.93 4.92 0.00	162.13 7.31 -53.07	164.33 5.87 -80.08	139.09 7.07 -43.58	117.22 6.95 -23.64	118.72 7.61 0.00	114.54 6.38 0.00	95.85 5.20 -7.90

KENSICO____ 23655	78.41 2.81 0.00	76.90 2.72 0.00	72.61 2.32 0.00	56.20 1.74 0.00	54.40 1.61 0.00	54.03 1.67 0.00	74.57 2.47 0.00	77.61 2.76 -6.97	66.49 2.59 -1.48	42.70 1.66 0.00	50.60 2.20 0.00	41.01 1.89 0.00	42.58 1.95 0.00	42.30 1.97 0.00	43.05 2.04 0.14	51.26 2.39 0.00	79.46 3.45 0.00	107.05 5.30 0.00	82.63 4.27 0.00	94.33 5.21 -0.68	94.06 5.17 -2.27	116.70 5.59 0.00	112.83 4.67 0.00	93.49 3.70 -7.04
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	78.93 3.33 0.00	77.41 3.24 0.00	73.19 2.89 0.00	56.63 2.17 0.00	54.85 2.06 0.00	54.51 2.15 0.00	75.33 3.23 0.00	79.69 3.49 -8.33	67.40 3.21 -1.77	43.06 2.02 0.00	50.71 2.32 0.00	40.82 1.70 0.00	42.34 1.71 0.00	42.16 1.83 0.00	42.84 1.84 0.15	51.24 2.37 0.00	79.95 3.93 0.00	108.22 6.46 0.00	83.60 5.23 0.00	95.47 6.20 -0.84	95.45 6.03 -2.80	117.86 6.75 0.00	113.97 5.81 0.00	95.84 4.44 -8.66
KIAC_JFK_GT1 23816	78.19 2.59 0.00	76.56 2.38 0.00	72.23 1.93 0.00	56.02 1.57 0.00	54.11 1.33 0.00	53.86 1.51 0.00	74.42 2.33 0.00	77.57 2.71 -6.99	66.45 2.55 -1.49	42.75 1.71 0.00	50.70 2.30 0.00	41.13 2.01 0.00	42.72 2.09 0.00	42.53 2.20 0.00	43.27 2.27 0.14	51.35 2.48 0.00	79.47 3.46 0.00	107.24 5.49 0.00	82.76 4.39 0.00	94.62 5.49 -0.69	94.38 5.48 -2.28	117.00 5.90 0.00	113.04 4.88 0.00	93.50 3.70 -7.05
KIAC_JFK_GT2 23817	78.19 2.59 0.00	76.56 2.38 0.00	72.23 1.93 0.00	56.02 1.57 0.00	54.11 1.33 0.00	53.86 1.51 0.00	74.42 2.33 0.00	77.57 2.71 -6.99	66.45 2.55 -1.49	42.75 1.71 0.00	50.70 2.30 0.00	41.13 2.01 0.00	42.72 2.09 0.00	42.53 2.20 0.00	43.27 2.27 0.14	51.35 2.48 0.00	79.47 3.46 0.00	107.24 5.49 0.00	82.76 4.39 0.00	94.62 5.49 -0.69	94.38 5.48 -2.28	117.00 5.90 0.00	113.04 4.88 0.00	93.50 3.70 -7.05
KIAC_JFK____ 323774	78.20 2.59 0.00	76.56 2.38 0.00	72.22 1.93 0.00	56.02 1.56 0.00	54.12 1.33 0.00	53.87 1.51 0.00	74.42 2.32 0.00	77.57 2.71 -6.99	66.45 2.55 -1.49	42.75 1.71 0.00	50.69 2.29 0.00	41.13 2.01 0.00	42.72 2.09 0.00	42.52 2.19 0.00	43.25 2.24 0.14	51.33 2.46 0.00	79.46 3.45 0.00	107.25 5.49 0.00	82.76 4.39 0.00	94.62 5.50 -0.69	94.38 5.48 -2.28	116.95 5.84 0.00	113.03 4.87 0.00	93.49 3.70 -7.05
KINTIGH____ 23543	66.49 -7.68 1.44	66.79 -7.39 0.00	63.61 -6.68 0.00	49.35 -5.11 0.00	48.15 -4.64 0.00	48.17 -4.19 0.00	65.62 -6.48 0.00	60.97 -6.89 0.02	55.17 -6.39 0.85	36.92 -4.12 0.00	41.62 -5.08 1.70	34.42 -4.35 0.35	36.04 -4.60 0.00	35.58 -4.60 0.16	33.41 -4.71 3.03	42.01 -5.33 1.54	68.33 -7.67 0.02	91.85 -9.90 0.00	71.26 -7.11 0.00	78.08 -9.57 0.79	75.86 -9.87 0.89	85.55 -12.42 13.14	89.08 -10.96 8.12	68.29 -8.41 6.05
KNTFSRNC_46_KV_46KV_LOAD 80397	76.95 1.35 0.00	75.11 0.94 0.00	71.01 0.71 0.00	54.95 0.49 0.00	53.03 0.24 0.00	52.93 0.57 0.00	72.80 0.71 0.00	79.30 0.45 -10.97	123.70 0.02 -61.26	78.23 0.21 -36.98	77.29 0.17 -28.72	46.35 0.05 -7.19	40.68 0.05 0.00	40.40 0.07 0.00	41.21 0.14 0.08	49.37 0.50 0.00	77.23 1.21 0.00	103.57 1.82 0.00	79.35 0.98 0.00	88.86 0.42 0.00	87.09 0.47 0.00	112.23 1.12 0.00	110.45 2.29 0.00	84.87 2.13 0.00
LACHUTE__HYDRO 323717	83.37 7.77 0.00	81.51 7.33 0.00	77.44 7.15 0.00	60.99 6.54 0.00	59.19 6.41 0.00	58.96 6.60 0.00	81.48 9.38 0.00	152.27 9.43 -74.97	86.50 8.12 -15.95	45.68 4.64 0.00	53.63 5.24 0.00	43.53 4.41 0.00	45.01 4.37 0.00	44.84 4.51 0.00	45.65 4.60 0.10	54.69 5.82 0.00	85.11 9.10 0.00	115.55 13.80 0.00	89.13 10.77 0.00	108.41 12.62 -7.34	122.71 11.68 -24.42	124.74 13.64 0.00	120.42 12.26 0.00	167.56 9.27 -75.54
LAWRNCV_115KV_TB1 80681	77.68 2.08 0.00	76.02 1.85 0.00	72.05 1.75 0.00	55.96 1.50 0.00	54.07 1.28 0.00	53.92 1.56 0.00	74.42 2.32 0.00	69.30 1.42 0.00	63.52 1.10 0.00	42.17 1.13 0.00	49.65 1.26 0.00	40.07 0.95 0.00	41.66 1.03 0.00	41.35 1.02 0.00	41.93 0.98 0.19	49.84 0.96 0.00	76.77 0.76 0.00	101.87 0.12 0.00	78.03 -0.34 0.00	87.75 -0.69 0.00	86.38 -0.24 0.00	112.41 1.30 0.00	110.65 2.49 0.00	85.08 2.33 0.00
LEDERLE____ 23769	78.11 2.51 0.00	76.61 2.43 0.00	72.35 2.06 0.00	55.98 1.52 0.00	54.18 1.39 0.00	53.85 1.49 0.00	74.29 2.19 0.00	77.10 2.53 -6.70	66.20 2.36 -1.43	42.52 1.48 0.00	50.32 1.92 0.00	40.78 1.66 0.00	42.35 1.72 0.00	42.08 1.75 0.00	42.84 1.84 0.15	51.05 2.18 0.00	79.18 3.17 0.00	106.68 4.93 0.00	82.30 3.93 0.00	93.95 4.85 -0.66	93.59 4.79 -2.19	116.23 5.12 0.00	112.41 4.25 0.00	92.84 3.34 -6.76
LIGHTRSE_115KV_TB6 355974	72.80 -2.80 0.00	71.35 -2.83 0.00	67.72 -2.57 0.00	52.59 -1.87 0.00	51.03 -1.76 0.00	50.81 -1.55 0.00	70.04 -2.06 0.00	65.85 -2.03 0.00	60.47 -1.95 0.00	39.56 -1.48 0.00	46.52 -1.88 0.00	37.67 -1.45 0.00	39.11 -1.53 0.00	38.86 -1.47 0.00	38.46 -1.48 1.21	47.10 -1.78 0.00	73.38 -2.63 0.00	98.75 -3.00 0.00	76.27 -2.09 0.00	85.71 -2.73 0.00	84.02 -2.60 0.00	108.19 -2.92 0.00	104.89 -3.27 0.00	80.07 -2.68 0.00
LINDEN COGEN____ 23786	77.95 2.35 0.00	76.36 2.18 0.00	72.02 1.73 0.00	55.77 1.31 0.00	53.94 1.15 0.00	53.62 1.26 0.00	70.69 1.85 3.26	77.10 2.24 -6.99	65.97 2.13 -1.42	40.22 1.46 2.28	45.05 2.00 5.34	40.90 1.78 0.00	42.36 1.82 0.10	42.19 1.86 0.00	42.86 1.92 0.21	51.05 2.18 0.00	79.01 3.01 0.01	106.49 4.73 0.00	82.16 3.79 0.00	93.91 4.78 -0.69	93.68 4.78 -2.28	116.12 5.01 0.00	112.21 4.05 0.00	93.06 3.27 -7.05
LINDHRST_69_KV_BK1 356055	80.58 4.98 0.00	78.96 4.78 0.00	74.47 4.17 0.00	57.54 3.07 0.00	55.74 2.95 0.00	55.49 3.13 0.00	76.57 4.47 0.00	79.55 4.69 -6.99	68.16 4.26 -1.49	43.63 2.59 0.00	52.92 3.62 -0.90	42.46 2.95 -0.39	43.52 2.88 0.00	43.00 2.67 0.00	43.85 2.84 0.14	52.61 3.74 0.00	81.82 5.81 0.00	163.46 8.63 -53.07	165.39 6.94 -80.08	140.27 8.25 -43.58	118.36 8.09 -23.64	120.13 9.03 0.00	115.81 7.65 0.00	96.79 6.15 -7.90
LIPA_MISC_IPP 23656	80.64 5.04 0.00	79.10 4.92 0.00	74.56 4.27 0.00	57.62 3.16 0.00	55.84 3.05 0.00	55.65 3.29 0.00	76.78 4.68 0.00	79.72 4.86 -6.99	68.15 4.24 -1.49	43.60 2.55 0.00	52.83 3.53 -0.90	42.32 2.81 -0.39	43.28 2.65 0.00	42.79 2.46 0.00	43.69 2.68 0.14	52.53 3.66 0.00	81.93 5.92 0.00	163.52 8.70 -53.08	165.33 6.88 -80.08	140.29 8.27 -43.58	118.31 8.05 -23.64	119.98 8.87 0.00	115.59 7.43 0.00	96.58 5.94 -7.90
LISF__SOLAR 323691	80.78 5.18 0.00	79.25 5.08 0.00	74.70 4.41 0.00	57.73 3.27 0.00	55.95 3.16 0.00	55.76 3.40 0.00	76.95 4.85 0.00	79.88 5.02 -6.99	68.27 4.36 -1.49	43.64 2.60 0.00	52.86 3.56 -0.90	42.34 2.83 -0.39	43.31 2.68 0.00	42.82 2.49 0.00	43.72 2.71 0.14	52.60 3.72 0.00	82.12 6.10 0.00	163.80 8.98 -53.08	165.56 7.11 -80.08	140.53 8.51 -43.58	118.54 8.27 -23.64	120.21 9.10 0.00	115.80 7.64 0.00	96.76 6.11 -7.90

LITTLE FALLS___HYD 24013	78.40 2.80 0.00	76.71 2.54 0.00	72.60 2.30 0.00	56.05 1.60 0.00	54.51 1.72 0.00	53.96 1.60 0.00	74.79 2.69 0.00	70.57 2.70 0.00	64.69 2.27 0.00	42.11 1.07 0.00	49.30 0.91 0.00	39.80 0.68 0.00	41.48 0.85 0.00	41.12 0.79 0.00	42.30 1.27 0.12	50.60 1.72 0.00	78.81 2.80 0.00	107.24 5.49 0.00	82.79 4.42 0.00	93.72 5.28 0.00	92.06 5.44 0.00	116.98 5.88 0.00	112.57 4.41 0.00	86.26 3.52 0.00
LITTLRIV_115KV_TB1 356100	78.79 3.19 0.00	77.10 2.93 0.00	73.09 2.79 0.00	56.75 2.29 0.00	54.84 2.06 0.00	54.74 2.38 0.00	75.64 3.54 0.00	70.46 2.59 0.00	64.50 2.08 0.00	42.76 1.72 0.00	50.32 1.92 0.00	40.63 1.52 0.00	42.25 1.61 0.00	41.94 1.61 0.00	42.50 1.55 0.21	50.49 1.62 0.00	77.80 1.78 0.00	103.23 1.47 0.00	79.11 0.75 0.00	88.90 0.46 0.00	87.48 0.86 0.00	113.98 2.87 0.00	112.28 4.12 0.00	86.25 3.50 0.00
LI_NEWBRDGE___DRP 323616	79.16 3.56 0.00	77.60 3.43 0.00	73.23 2.93 0.00	56.62 2.16 0.00	54.82 2.03 0.00	54.51 2.16 0.00	75.15 3.06 0.00	78.19 3.33 -6.99	66.96 3.06 -1.49	42.94 1.90 0.00	52.04 2.74 -0.90	41.84 2.34 -0.39	42.92 2.29 0.00	42.45 2.12 0.00	43.24 2.24 0.14	51.70 2.83 0.00	80.30 4.28 0.00	161.30 6.48 -53.07	163.67 5.22 -80.08	138.38 6.36 -43.58	116.55 6.29 -23.64	117.93 6.82 0.00	113.79 5.63 0.00	95.30 4.65 -7.90
LOCKPORT_115KV_TB60_63_64 80432	65.55 -8.33 1.73	66.23 -7.94 0.00	63.15 -7.14 0.00	48.99 -5.47 0.00	47.83 -4.96 0.00	47.93 -4.43 0.00	64.92 -7.18 0.00	59.93 -7.92 0.03	54.02 -7.21 1.19	36.32 -4.72 0.00	40.41 -5.74 2.25	33.53 -5.09 0.49	35.20 -5.43 0.00	34.67 -5.44 0.22	32.08 -5.38 3.69	40.67 -6.07 2.14	67.10 -8.89 0.03	90.33 -11.42 0.00	70.25 -8.12 0.00	76.59 -11.11 0.74	74.27 -11.51 0.84	83.98 -14.77 12.36	87.62 -12.90 7.64	67.20 -9.86 5.69
LOCKPORT___CC1 323769	65.20 -8.64 1.76	65.92 -8.26 0.00	62.84 -7.45 0.00	48.75 -5.71 0.00	47.59 -5.20 0.00	47.70 -4.66 0.00	64.62 -7.47 0.00	59.69 -8.15 0.03	53.69 -7.46 1.28	36.16 -4.88 0.00	40.12 -5.92 2.36	33.38 -5.21 0.53	35.08 -5.55 0.00	34.55 -5.55 0.23	31.80 -5.49 3.86	40.36 -6.22 2.29	66.84 -9.14 0.03	90.03 -11.72 0.00	70.01 -8.36 0.00	76.33 -11.37 0.74	74.05 -11.73 0.84	83.84 -14.95 12.31	87.41 -13.14 7.61	66.98 -10.10 5.67
LOCKPORT___CC2 323770	65.20 -8.64 1.76	65.92 -8.26 0.00	62.84 -7.45 0.00	48.75 -5.71 0.00	47.59 -5.20 0.00	47.70 -4.66 0.00	64.62 -7.47 0.00	59.69 -8.15 0.03	53.69 -7.46 1.28	36.16 -4.88 0.00	40.12 -5.92 2.36	33.38 -5.21 0.53	35.08 -5.55 0.00	34.55 -5.55 0.23	31.80 -5.49 3.86	40.36 -6.22 2.29	66.84 -9.14 0.03	90.03 -11.72 0.00	70.01 -8.36 0.00	76.33 -11.37 0.74	74.05 -11.73 0.84	83.84 -14.95 12.31	87.41 -13.14 7.61	66.98 -10.10 5.67
LOCKPORT___CC3 323771	65.20 -8.64 1.76	65.92 -8.26 0.00	62.84 -7.45 0.00	48.75 -5.71 0.00	47.59 -5.20 0.00	47.70 -4.66 0.00	64.62 -7.47 0.00	59.69 -8.15 0.03	53.69 -7.46 1.28	36.16 -4.88 0.00	40.12 -5.92 2.36	33.38 -5.21 0.53	35.08 -5.55 0.00	34.55 -5.55 0.23	31.80 -5.49 3.86	40.36 -6.22 2.29	66.84 -9.14 0.03	90.03 -11.72 0.00	70.01 -8.36 0.00	76.33 -11.37 0.74	74.05 -11.73 0.84	83.84 -14.95 12.31	87.41 -13.14 7.61	66.98 -10.10 5.67
LONG_LAKE_PHOENIX 24014	72.09 -3.50 0.00	70.74 -3.44 0.00	67.11 -3.19 0.00	51.97 -2.49 0.00	50.49 -2.29 0.00	50.19 -2.17 0.00	69.15 -2.95 0.00	65.09 -2.78 0.00	59.87 -2.55 0.00	39.26 -1.78 0.00	46.24 -2.15 0.00	37.38 -1.74 0.00	38.78 -1.85 0.00	38.49 -1.84 0.00	37.85 -1.89 1.41	46.70 -2.17 0.00	72.84 -3.18 0.00	97.99 -3.76 0.00	75.70 -2.67 0.00	85.20 -3.35 -0.10	83.31 -3.42 -0.12	108.23 -4.63 -1.75	104.56 -4.68 -1.08	79.89 -3.66 -0.81
LOVETT___3 23632	77.74 2.14 0.00	76.26 2.08 0.00	72.01 1.72 0.00	55.73 1.27 0.00	53.93 1.15 0.00	53.58 1.23 0.00	73.91 1.82 0.00	76.74 2.14 -6.73	65.84 1.99 -1.43	42.29 1.25 0.00	50.08 1.68 0.00	40.58 1.46 0.00	42.14 1.51 0.00	41.88 1.55 0.00	42.64 1.63 0.15	50.79 1.92 0.00	78.75 2.73 0.00	106.08 4.33 0.00	81.84 3.48 0.00	93.44 4.35 -0.66	93.15 4.34 -2.20	115.62 4.51 0.00	111.79 3.63 0.00	92.47 2.93 -6.79
LOVETT___4 23642	77.74 2.14 0.00	76.26 2.08 0.00	72.01 1.72 0.00	55.73 1.27 0.00	53.93 1.15 0.00	53.58 1.23 0.00	73.91 1.82 0.00	76.74 2.14 -6.73	65.84 1.99 -1.43	42.29 1.25 0.00	50.08 1.68 0.00	40.58 1.46 0.00	42.14 1.51 0.00	41.88 1.55 0.00	42.64 1.63 0.15	50.79 1.92 0.00	78.75 2.73 0.00	106.08 4.33 0.00	81.84 3.48 0.00	93.44 4.35 -0.66	93.15 4.34 -2.20	115.62 4.51 0.00	111.79 3.63 0.00	92.47 2.93 -6.79
LOVETT___5 23593	77.74 2.14 0.00	76.26 2.08 0.00	72.01 1.72 0.00	55.73 1.27 0.00	53.93 1.15 0.00	53.58 1.23 0.00	73.91 1.82 0.00	76.74 2.14 -6.73	65.84 1.99 -1.43	42.29 1.25 0.00	50.08 1.68 0.00	40.58 1.46 0.00	42.14 1.51 0.00	41.88 1.55 0.00	42.64 1.63 0.15	50.79 1.92 0.00	78.75 2.73 0.00	106.08 4.33 0.00	81.84 3.48 0.00	93.44 4.35 -0.66	93.15 4.34 -2.20	115.62 4.51 0.00	111.79 3.63 0.00	92.47 2.93 -6.79
LOWER RAQUET___HYD 24057	77.64 2.04 0.00	75.95 1.78 0.00	72.01 1.71 0.00	55.94 1.48 0.00	54.05 1.26 0.00	53.91 1.55 0.00	74.46 2.36 0.00	69.36 1.49 0.00	63.56 1.14 0.00	42.17 1.13 0.00	49.65 1.25 0.00	40.08 0.96 0.00	41.67 1.04 0.00	41.36 1.04 0.00	41.93 1.00 0.22	49.81 0.94 0.00	76.68 0.66 0.00	101.66 -0.09 0.00	77.88 -0.48 0.00	87.58 -0.86 0.00	86.29 -0.33 0.00	112.46 1.35 0.00	110.75 2.59 0.00	85.13 2.38 0.00
LOWER___HUDSON 24059	79.15 3.55 0.00	77.70 3.53 0.00	73.62 3.32 0.00	57.04 2.58 0.00	55.25 2.46 0.00	54.72 2.36 0.00	75.39 3.30 0.00	133.24 -3.32 -62.05	78.72 3.10 -13.20	43.02 1.98 0.00	50.80 2.41 0.00	41.14 2.02 0.00	42.77 2.14 0.00	42.42 2.10 0.00	43.20 2.15 0.10	51.36 2.48 0.00	79.68 3.66 0.00	107.17 5.41 0.00	82.59 4.22 0.00	99.37 4.95 -5.99	111.47 4.95 -19.90	116.85 5.74 0.00	113.38 5.22 0.00	148.58 4.25 -61.58
LOWVILLE_115KV_TB2 356335	75.04 -0.56 0.00	73.34 -0.84 0.00	69.75 -0.55 0.00	54.86 0.40 0.00	52.72 -0.07 0.00	52.39 0.03 0.00	72.83 0.73 0.00	68.02 0.14 0.00	62.43 0.01 0.00	40.87 -0.17 0.00	48.12 -0.28 0.00	38.93 -0.19 0.00	40.71 0.08 0.00	40.59 0.26 0.00	41.02 0.38 0.51	48.62 -0.25 0.00	75.75 -0.27 0.00	101.62 -0.13 0.00	78.29 -0.07 0.00	88.06 -0.29 0.09	86.81 0.30 0.10	111.07 1.48 1.52	107.98 0.76 0.94	82.46 0.41 0.70
LUTHERFT_115KV_GLOB_FND_222 355753	80.13 4.53 0.00	78.67 4.49 0.00	74.53 4.24 0.00	57.81 3.35 0.00	56.04 3.26 0.00	55.58 3.22 0.00	76.70 4.60 0.00	146.40 4.56 -73.96	82.35 4.20 -15.74	43.68 2.63 0.00	51.55 3.15 0.00	41.66 2.54 0.00	43.32 2.69 0.00	42.95 2.62 0.00	43.76 2.71 0.10	52.08 3.21 0.00	81.07 5.05 0.00	109.10 7.35 0.00	84.07 5.71 0.00	102.22 6.54 -7.24	117.03 6.35 -24.06	118.68 7.57 0.00	115.04 6.88 0.00	162.59 5.39 -74.46

LUTHERNY_35_KV_BK2 355980	80.20 4.60 0.00	78.74 4.56 0.00	74.60 4.31 0.00	57.83 3.37 0.00	56.05 3.27 0.00	55.61 3.25 0.00	76.76 4.66 0.00	146.41 4.57 -73.96	82.41 4.25 -15.74	43.71 2.67 0.00	51.59 3.19 0.00	41.70 2.58 0.00	43.41 2.77 0.00	42.99 2.66 0.00	43.77 2.72 0.10	52.13 3.26 0.00	81.19 5.18 0.00	109.20 7.45 0.00	84.11 5.75 0.00	102.28 6.60 -7.24	117.05 6.37 -24.06	118.83 7.72 0.00	115.20 7.04 0.00	162.65 5.44 -74.46
LWR___OSWEGATCHIE_HYD 23850	76.24 0.64 0.00	74.55 0.38 0.00	70.74 0.45 0.00	55.24 0.78 0.00	53.31 0.52 0.00	53.10 0.74 0.00	73.60 1.50 0.00	68.64 0.76 0.00	62.92 0.50 0.00	41.45 0.41 0.00	48.77 0.37 0.00	39.40 0.28 0.00	41.07 0.44 0.00	40.84 0.52 0.00	41.30 0.54 0.40	49.09 0.22 0.00	75.97 -0.04 0.00	101.30 -0.45 0.00	77.84 -0.53 0.00	87.56 -0.88 0.00	86.35 -0.27 0.00	112.25 1.14 0.00	109.69 1.53 0.00	84.02 1.27 0.00
LYONS_FALL_HYD 23570	75.96 0.36 0.00	74.37 0.19 0.00	70.62 0.32 0.00	55.24 0.78 0.00	53.28 0.49 0.00	52.94 0.58 0.00	73.44 1.34 0.00	68.84 0.97 0.00	63.22 0.80 0.00	41.42 0.38 0.00	48.83 0.43 0.00	39.44 0.33 0.00	41.15 0.52 0.00	40.97 0.64 0.00	41.46 0.76 0.45	49.34 0.47 0.00	76.89 0.88 0.00	103.09 1.34 0.00	79.44 1.07 0.00	89.37 1.04 0.11	87.86 1.36 0.12	111.59 2.28 1.80	108.71 1.67 1.11	83.05 1.13 0.83
MADISON___COUNTY_LFGE 323628	76.61 1.01 0.00	75.19 1.01 0.00	71.37 1.08 0.00	55.41 0.95 0.00	53.76 0.97 0.00	53.49 1.13 0.00	74.02 1.92 0.00	69.69 1.82 0.00	64.05 1.63 0.00	41.98 0.94 0.00	49.49 1.09 0.00	39.89 0.77 0.00	41.40 0.76 0.00	41.19 0.86 0.00	41.43 0.96 0.68	50.02 1.15 0.00	78.10 2.08 0.00	104.60 2.85 0.00	80.73 2.36 0.00	90.64 2.44 0.24	88.66 2.31 0.27	109.89 2.73 3.95	107.95 2.23 2.44	82.45 1.52 1.82
MALONE___115KV_TB1 356076	77.49 1.90 0.00	75.68 1.50 0.00	71.65 1.35 0.00	55.58 1.12 0.00	53.63 0.84 0.00	53.67 1.31 0.00	73.93 1.83 0.00	70.28 1.38 -1.02	69.09 0.98 -5.69	45.38 0.91 -3.43	52.07 1.00 -2.67	40.49 0.71 -0.67	41.37 0.74 0.00	41.10 0.77 0.00	41.82 0.79 0.12	49.96 1.09 0.00	77.86 1.85 0.00	103.99 2.24 0.00	79.68 1.31 0.00	89.32 0.88 0.00	87.66 1.04 0.00	113.39 2.28 0.00	111.57 3.42 0.00	85.52 2.77 0.00
MAPLEWOD_115KV_TB3 80458	78.78 3.17 0.00	77.33 3.16 0.00	73.26 2.96 0.00	56.75 2.29 0.00	54.96 2.18 0.00	54.39 2.04 0.00	74.82 2.72 0.00	120.09 2.82 -49.39	75.59 2.66 -10.51	42.78 1.73 0.00	50.57 2.17 0.00	40.96 1.84 0.00	42.59 1.95 0.00	42.24 1.92 0.00	43.00 1.95 0.10	51.11 2.23 0.00	79.22 3.21 0.00	106.35 4.59 0.00	81.93 3.56 0.00	97.50 4.26 -4.80	106.91 4.33 -15.97	116.09 4.98 0.00	112.66 4.51 0.00	135.94 3.79 -49.40
MAPLE_RIDGE_WT_1 323574	75.61 0.02 0.00	74.08 -0.09 0.00	70.13 -0.17 0.00	54.37 -0.09 0.00	52.56 -0.23 0.00	52.14 -0.21 0.00	71.74 -0.36 0.00	67.39 -0.48 0.00	61.98 -0.44 0.00	40.76 -0.28 0.00	48.01 -0.39 0.00	38.74 -0.38 0.00	40.19 -0.45 0.00	39.83 -0.50 0.00	40.52 -0.57 0.06	48.21 -0.66 0.00	75.09 -0.92 0.00	100.31 -1.45 0.00	77.14 -1.23 0.00	87.00 -1.43 0.00	85.56 -1.06 0.00	110.35 -0.76 0.00	107.73 -0.43 0.00	82.57 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	75.61 0.02 0.00	74.08 -0.09 0.00	70.13 -0.17 0.00	54.37 -0.09 0.00	52.56 -0.23 0.00	52.14 -0.21 0.00	71.74 -0.36 0.00	67.39 -0.48 0.00	61.98 -0.44 0.00	40.76 -0.28 0.00	48.01 -0.39 0.00	38.74 -0.38 0.00	40.19 -0.45 0.00	39.83 -0.50 0.00	40.52 -0.57 0.06	48.21 -0.66 0.00	75.09 -0.92 0.00	100.31 -1.45 0.00	77.14 -1.23 0.00	87.00 -1.43 0.00	85.56 -1.06 0.00	110.35 -0.76 0.00	107.73 -0.43 0.00	82.57 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	75.70 0.10 0.00	73.92 -0.26 0.00	69.89 -0.41 0.00	54.12 -0.34 0.00	52.23 -0.56 0.00	52.20 -0.16 0.00	71.70 -0.40 0.00	52.47 -0.64 14.76	-20.99 -0.98 82.43	-9.14 -0.43 49.76	9.21 -0.55 38.64	28.92 -0.52 9.67	40.14 -0.50 0.00	39.88 -0.45 0.00	40.63 -0.45 0.08	48.63 -0.25 0.00	75.93 -0.09 0.00	101.63 -0.12 0.00	77.84 -0.52 0.00	87.28 -1.16 0.00	85.59 -1.03 0.00	110.47 -0.63 0.00	108.79 0.63 0.00	83.45 0.70 0.00
MARSHVLE_115KV_TB1 80742	79.27 3.67 0.00	77.69 3.51 0.00	73.58 3.28 0.00	57.03 2.57 0.00	55.31 2.52 0.00	55.07 2.71 0.00	76.18 4.09 0.00	140.47 3.76 -68.84	80.14 3.07 -14.65	42.67 1.63 0.00	49.90 1.50 0.00	40.10 0.98 0.00	41.66 1.02 0.00	41.40 1.07 0.00	42.39 1.40 0.16	50.88 2.01 0.00	79.98 3.97 0.00	107.71 5.96 0.00	83.15 4.79 0.00	100.33 5.10 0.00	113.99 4.81 -22.56	117.44 6.33 0.00	114.17 6.00 0.00	156.96 4.40 -69.81
MARSH_HILL_WT_PWR 323713	60.80 -9.44 5.36	65.86 -8.31 0.00	62.22 -8.08 0.00	48.20 -6.25 0.00	47.28 -5.50 0.00	47.05 -5.31 0.00	64.57 -7.53 0.00	62.20 -7.80 -2.12	60.99 -7.19 -5.76	36.13 -4.91 0.00	45.46 -6.54 -3.61	35.77 -5.45 -2.11	34.83 -5.80 0.00	35.56 -5.69 -0.92	44.78 -5.75 -9.38	52.02 -6.15 -9.30	68.38 -7.76 -0.12	94.72 -7.03 0.00	74.11 -4.25 0.00	82.42 -5.70 0.32	80.80 -5.89 -0.07	93.32 -9.13 8.66	94.61 -8.20 5.35	75.06 -5.73 1.95
MCINTYRE_115KV_TB2 80467	79.45 3.85 0.00	77.76 3.58 0.00	73.71 3.41 0.00	57.20 2.74 0.00	55.32 2.54 0.00	55.21 2.85 0.00	76.26 4.16 0.00	71.06 3.19 0.00	65.01 2.59 0.00	43.08 2.03 0.00	50.64 2.25 0.00	40.90 1.78 0.00	42.53 1.89 0.00	42.20 1.87 0.00	42.79 1.82 0.19	50.91 2.04 0.00	78.64 2.63 0.00	104.46 2.71 0.00	80.05 1.68 0.00	89.98 1.54 0.00	88.39 1.77 0.00	114.86 3.75 0.00	113.05 4.89 0.00	86.81 4.06 0.00
MECO_____69_KV_BK1 80468	80.57 4.97 0.00	78.99 4.82 0.00	74.81 4.51 0.00	57.99 3.53 0.00	56.25 3.46 0.00	55.98 3.62 0.00	77.50 5.40 0.00	146.96 5.21 -73.88	82.53 4.40 -15.72	43.43 2.39 0.00	50.81 2.41 0.00	40.71 1.59 0.00	42.33 1.70 0.00	42.12 1.79 0.00	43.45 2.44 0.14	52.01 3.14 0.00	81.65 5.63 0.00	110.17 8.42 0.00	85.02 6.65 0.00	102.99 7.27 -7.28	117.76 6.93 -24.22	119.66 8.55 0.00	116.17 8.01 0.00	163.64 5.97 -74.92
MENANDS___115KV_TB5 355628	78.42 2.82 0.00	77.00 2.83 0.00	72.97 2.67 0.00	56.51 2.05 0.00	54.72 1.94 0.00	54.13 1.77 0.00	74.34 2.24 0.00	116.66 2.37 -46.42	74.55 2.25 -9.88	42.54 1.50 0.00	50.32 1.92 0.00	40.76 1.64 0.00	42.37 1.73 0.00	42.05 1.72 0.00	42.78 1.73 0.10	50.82 1.95 0.00	78.76 2.75 0.00	105.66 3.91 0.00	81.36 2.99 0.00	96.68 3.65 -4.59	105.68 3.81 -15.26	115.46 4.35 0.00	112.09 3.93 0.00	133.36 3.40 -47.21
MG INDUSTRY___DRP 24185	80.58 4.98 0.00	79.14 4.97 0.00	75.03 4.74 0.00	58.14 3.68 0.00	56.34 3.56 0.00	55.70 3.34 0.00	76.42 4.33 0.00	99.72 4.20 -27.65	72.06 3.75 -5.88	43.37 2.33 0.00	51.19 2.80 0.00	41.43 2.31 0.00	43.00 2.36 0.00	42.51 2.18 0.00	43.17 2.13 0.11	51.30 2.42 0.00	80.23 4.21 0.00	108.16 6.40 0.00	83.22 4.85 0.00	97.04 5.65 -2.95	102.20 5.77 -9.82	117.98 6.87 0.00	114.64 6.48 0.00	118.56 5.44 -30.37

MID___OSWEGATCHIE_HYD 23849	76.24 0.64 0.00	74.55 0.38 0.00	70.74 0.45 0.00	55.24 0.78 0.00	53.31 0.52 0.00	53.10 0.74 0.00	73.60 1.50 0.00	68.64 0.76 0.00	62.92 0.50 0.00	41.45 0.41 0.00	48.77 0.37 0.00	39.40 0.28 0.00	41.07 0.44 0.00	40.84 0.52 0.00	41.30 0.54 0.40	49.09 0.22 0.00	75.97 -0.04 0.00	101.30 -0.45 0.00	77.84 -0.53 0.00	87.56 -0.88 0.00	86.35 -0.27 0.00	112.25 1.14 0.00	109.69 1.53 0.00	84.02 1.27 0.00
MID___RAQUETTE_HYD 23851	77.64 2.04 0.00	75.95 1.78 0.00	72.01 1.71 0.00	55.95 1.49 0.00	54.05 1.26 0.00	53.91 1.55 0.00	74.46 2.37 0.00	69.36 1.49 0.00	63.56 1.14 0.00	42.17 1.13 0.00	49.65 1.26 0.00	40.08 0.96 0.00	41.67 1.04 0.00	41.37 1.04 0.00	41.93 1.00 0.22	49.81 0.94 0.00	76.68 0.66 0.00	101.66 -0.09 0.00	77.88 -0.49 0.00	87.58 -0.86 0.00	86.29 -0.33 0.00	112.45 1.34 0.00	110.75 2.59 0.00	85.13 2.38 0.00
MILLIKEN___1 23584	80.95 -1.03 -6.37	73.11 -1.07 0.00	69.35 -0.94 0.00	53.64 -0.82 0.00	52.21 -0.58 0.00	52.01 -0.35 0.00	71.77 -0.33 0.00	69.74 -0.25 -2.11	63.12 -0.27 -0.97	40.56 -0.49 0.00	51.07 -0.83 -3.51	38.48 -0.81 -0.18	39.61 -1.02 0.00	39.37 -1.04 -0.07	39.85 -1.08 0.23	48.52 -1.08 -0.74	75.15 -0.87 -0.01	101.94 0.19 0.00	79.09 0.72 0.00	88.81 0.47 0.10	87.16 0.20 -0.35	105.83 -0.19 5.10	104.55 -0.46 3.15	82.00 -0.54 0.20
MILLIKEN___2 23585	80.95 -1.03 -6.37	73.11 -1.07 0.00	69.35 -0.94 0.00	53.64 -0.82 0.00	52.21 -0.58 0.00	52.01 -0.35 0.00	71.77 -0.33 0.00	69.74 -0.25 -2.11	63.12 -0.27 -0.97	40.56 -0.49 0.00	51.07 -0.83 -3.51	38.48 -0.81 -0.18	39.61 -1.02 0.00	39.37 -1.04 -0.07	39.85 -1.08 0.23	48.52 -1.08 -0.74	75.15 -0.87 -0.01	101.94 0.19 0.00	79.09 0.72 0.00	88.81 0.47 0.10	87.16 0.20 -0.35	105.83 -0.19 5.10	104.55 -0.46 3.15	82.00 -0.54 0.20
MILLIKEN___DIESEL 23629	80.95 -1.03 -6.37	73.11 -1.07 0.00	69.35 -0.94 0.00	53.64 -0.82 0.00	52.21 -0.58 0.00	52.01 -0.35 0.00	71.77 -0.33 0.00	69.74 -0.25 -2.11	63.12 -0.27 -0.97	40.56 -0.49 0.00	51.07 -0.83 -3.51	38.48 -0.81 -0.18	39.61 -1.02 0.00	39.37 -1.04 -0.07	39.85 -1.08 0.23	48.52 -1.08 -0.74	75.15 -0.87 -0.01	101.94 0.19 0.00	79.09 0.72 0.00	88.81 0.47 0.10	87.16 0.20 -0.35	105.83 -0.19 5.10	104.55 -0.46 3.15	82.00 -0.54 0.20
MILLSEAT___LFGE 323607	67.68 -6.32 1.60	68.13 -6.04 0.00	64.93 -5.37 0.00	50.38 -4.08 0.00	49.17 -3.61 0.00	49.33 -3.02 0.00	67.18 -4.92 0.00	62.30 -5.55 0.02	56.28 -5.13 1.01	37.46 -3.58 0.00	41.85 -4.58 1.97	34.51 -4.19 0.42	36.13 -4.51 0.00	35.57 -4.58 0.18	33.40 -4.42 3.34	42.17 -4.88 1.81	69.25 -6.74 0.02	93.79 -7.96 0.00	72.96 -5.41 0.00	79.75 -7.94 0.75	77.39 -8.37 0.85	87.79 -10.76 12.55	91.04 -9.37 7.76	69.61 -7.36 5.78
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	78.28 2.68 0.00	76.78 2.61 0.00	72.51 2.22 0.00	56.11 1.65 0.00	54.31 1.52 0.00	53.95 1.60 0.00	74.42 2.32 0.00	77.46 2.64 -6.95	66.36 2.46 -1.48	42.60 1.56 0.00	50.47 2.08 0.00	40.90 1.79 0.00	42.47 1.83 0.00	42.19 1.86 0.00	42.95 1.94 0.14	51.14 2.27 0.00	79.30 3.29 0.00	106.82 5.07 0.00	82.44 4.08 0.00	94.12 5.00 -0.68	93.84 4.95 -2.27	116.42 5.32 0.00	112.58 4.42 0.00	93.28 3.52 -7.01
MILLWOOD_13_KV_LOAD 356217	78.39 2.79 0.00	76.87 2.69 0.00	72.60 2.31 0.00	56.18 1.72 0.00	54.38 1.60 0.00	54.03 1.67 0.00	74.56 2.46 0.00	77.57 2.75 -6.95	66.45 2.55 -1.48	42.67 1.62 0.00	50.56 2.16 0.00	40.95 1.84 0.00	42.52 1.88 0.00	42.23 1.90 0.00	43.00 1.99 0.14	51.21 2.34 0.00	79.43 3.42 0.00	107.03 5.27 0.00	82.59 4.23 0.00	94.28 5.16 -0.68	94.00 5.12 -2.27	116.61 5.50 0.00	112.76 4.60 0.00	93.40 3.64 -7.01
MODEL_CITY_ENERGY 24167	64.95 -8.85 1.80	65.74 -8.44 0.00	62.68 -7.62 0.00	48.64 -5.82 0.00	47.47 -5.32 0.00	47.56 -4.79 0.00	64.28 -7.82 0.00	59.24 -8.61 0.03	53.40 -7.77 1.25	35.95 -5.09 0.00	40.00 -6.05 2.35	33.21 -5.39 0.52	34.88 -5.75 0.00	34.37 -5.73 0.23	31.79 -5.55 3.81	40.26 -6.36 2.25	66.40 -9.59 0.03	89.27 -12.49 0.00	69.38 -8.99 0.00	75.61 -12.09 0.73	73.32 -12.47 0.84	82.97 -15.88 12.26	86.61 -13.97 7.57	66.39 -10.72 5.64
MODERN_LFGE___ 323580	64.95 -8.85 1.80	65.74 -8.44 0.00	62.68 -7.62 0.00	48.64 -5.82 0.00	47.47 -5.32 0.00	47.56 -4.79 0.00	64.28 -7.82 0.00	59.24 -8.61 0.03	53.40 -7.77 1.25	35.95 -5.09 0.00	40.00 -6.05 2.35	33.21 -5.39 0.52	34.88 -5.75 0.00	34.37 -5.73 0.23	31.79 -5.55 3.81	40.26 -6.36 2.25	66.40 -9.59 0.03	89.27 -12.49 0.00	69.38 -8.99 0.00	75.61 -12.09 0.73	73.32 -12.47 0.84	82.97 -15.88 12.26	86.61 -13.97 7.57	66.39 -10.72 5.64
MOHAWK_PAPER___DRP 24187	78.78 3.17 0.00	77.33 3.16 0.00	73.26 2.96 0.00	56.75 2.29 0.00	54.96 2.18 0.00	54.39 2.04 0.00	74.82 2.72 0.00	120.09 2.82 -49.39	75.59 2.66 -10.51	42.78 1.73 0.00	50.57 2.17 0.00	40.96 1.84 0.00	42.59 1.95 0.00	42.24 1.92 0.00	43.00 1.95 0.10	51.11 2.23 0.00	79.22 3.21 0.00	106.35 4.59 0.00	81.93 3.56 0.00	97.50 4.26 -4.80	106.91 4.33 -15.97	116.09 4.98 0.00	112.66 4.51 0.00	135.94 3.79 -49.40
MOHICAN___35_KV_115KV_LD 80490	81.43 5.83 0.00	79.85 5.67 0.00	75.72 5.43 0.00	58.92 4.46 0.00	57.15 4.36 0.00	56.77 4.41 0.00	78.44 6.34 0.00	148.76 6.34 -74.55	83.99 5.71 -15.86	44.59 3.55 0.00	52.57 4.18 0.00	42.47 3.35 0.00	44.06 3.42 0.00	43.71 3.38 0.00	44.52 3.47 0.10	53.01 4.14 0.00	82.59 6.58 0.00	111.42 9.66 0.00	85.90 7.53 0.00	104.36 8.62 -7.30	119.12 8.23 -24.27	120.95 9.84 0.00	117.09 8.93 0.00	164.76 6.92 -75.09
MONGAUP___HYD 23641	78.79 3.19 0.00	77.31 3.14 0.00	73.06 2.77 0.00	56.55 2.09 0.00	54.77 1.98 0.00	54.48 2.12 0.00	75.29 3.19 0.00	77.61 3.40 -6.33	65.71 1.94 -1.35	42.13 1.09 0.00	49.77 1.38 0.00	40.24 1.12 0.00	41.77 1.14 0.00	41.49 1.16 0.00	42.22 1.22 0.15	50.39 1.52 0.00	78.35 2.34 0.00	105.50 3.75 0.00	80.97 2.60 0.00	92.85 3.79 -0.62	92.41 3.72 -2.07	115.03 3.92 0.00	111.39 3.23 0.00	91.70 2.55 -6.40
MONTAUK___DIESEL 23721	79.13 3.53 0.00	77.61 3.43 0.00	73.10 2.80 0.00	56.48 2.02 0.00	54.78 1.99 0.00	54.78 2.42 0.00	75.87 3.77 0.00	78.87 4.01 -6.99	67.19 3.29 -1.49	43.38 2.34 0.00	52.68 3.38 -0.90	41.45 1.94 -0.39	42.37 1.73 0.00	41.85 1.52 0.00	42.84 1.83 0.14	51.60 2.73 0.00	80.73 4.71 0.00	162.09 7.26 -53.08	164.34 5.89 -80.08	139.31 7.30 -43.58	117.25 6.99 -23.64	118.57 7.46 0.00	114.11 5.94 0.00	95.55 4.90 -7.90
MOONROAD_115KV_HARTFLD_TB1-2 355988	65.83 -7.37 2.40	67.12 -7.06 0.00	64.05 -6.25 0.00	49.45 -5.00 0.00	48.43 -4.36 0.00	48.60 -3.76 0.00	66.33 -5.77 0.00	61.93 -5.91 0.03	55.71 -5.47 1.23	37.50 -3.54 0.00	41.23 -4.56 2.61	34.58 -4.02 0.51	36.32 -4.31 0.00	35.85 -4.25 0.23	33.18 -4.24 3.73	42.10 -4.54 2.23	69.65 -6.33 0.03	94.70 -7.05 0.00	73.88 -4.49 0.00	81.09 -6.68 0.67	78.50 -7.36 0.76	90.16 -9.76 11.19	92.43 -8.82 6.91	71.03 -6.57 5.15

MORRIS_RIDGE___SOLAR 323848	63.91 -8.20 3.49	66.47 -7.71 0.00	63.12 -7.17 0.00	48.86 -5.61 0.00	47.79 -5.00 0.00	47.81 -4.55 0.00	65.40 -6.70 0.00	62.62 -6.99 -1.74	48.94 -6.61 6.86	36.46 -4.58 0.00	32.22 -5.83 10.35	31.22 -4.91 3.00	35.44 -5.19 0.00	33.92 -5.09 1.31	19.94 -5.19 16.03	29.96 -5.83 13.08	68.03 -7.81 0.17	93.35 -8.40 0.00	73.12 -5.25 0.00	80.94 -7.11 0.39	79.28 -7.31 0.03	91.45 -10.07 9.60	93.09 -9.14 5.93	73.49 -6.77 2.48
MORTIMER_115KV_TB3 55949	69.45 -5.08 1.06	69.24 -4.94 0.00	65.84 -4.46 0.00	51.07 -3.39 0.00	49.76 -3.02 0.00	49.77 -2.59 0.00	68.21 -3.89 0.00	63.76 -4.11 0.01	58.31 -3.85 0.26	38.45 -2.59 0.00	44.25 -3.31 0.83	36.14 -2.86 0.11	37.54 -3.09 0.00	37.18 -3.10 0.05	36.09 -3.20 1.86	44.87 -3.53 0.47	71.29 -4.71 0.01	96.06 -5.69 0.00	74.43 -3.94 0.00	81.99 -5.64 0.80	79.75 -5.95 0.91	90.14 -7.62 13.35	93.05 -6.86 8.25	71.22 -5.38 6.14
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	78.51 2.91 0.00	76.98 2.80 0.00	72.65 2.35 0.00	56.25 1.79 0.00	54.41 1.62 0.00	54.09 1.73 0.00	74.64 2.54 0.00	77.73 2.87 -6.99	66.61 2.71 -1.49	42.83 1.79 0.00	50.80 2.40 0.00	41.19 2.08 0.00	42.76 2.12 0.00	42.50 2.17 0.00	43.25 2.24 0.14	51.43 2.56 0.00	79.65 3.64 0.00	107.32 5.57 0.00	82.87 4.50 0.00	94.63 5.51 -0.69	94.38 5.48 -2.28	117.04 5.93 0.00	113.07 4.91 0.00	93.69 3.89 -7.05
MUNSVILLE_WIND_PWR 323609	80.80 2.03 -3.17	74.97 0.79 0.00	70.89 0.59 0.00	54.41 -0.05 0.00	53.04 0.25 0.00	53.12 0.76 0.00	73.72 1.62 0.00	74.65 1.96 -4.81	65.19 1.41 -1.36	41.43 0.39 0.00	50.45 0.20 -1.85	39.40 0.16 -0.13	40.54 -0.10 0.00	40.33 -0.05 -0.05	40.78 -0.16 0.21	49.69 0.31 -0.51	78.10 2.08 -0.01	107.23 5.48 0.00	83.55 5.19 0.00	94.23 5.58 -0.21	93.01 5.11 -1.28	113.27 6.57 4.41	111.22 5.78 2.72	89.80 4.20 -2.86
N SALMON___HYD 24042	77.49 1.89 0.00	75.68 1.50 0.00	71.64 1.35 0.00	55.58 1.12 0.00	53.63 0.84 0.00	53.67 1.31 0.00	73.93 1.83 0.00	70.28 1.38 -1.02	69.09 0.98 -5.69	45.38 0.91 -3.43	52.07 1.00 -2.67	40.49 0.71 -0.67	41.37 0.74 0.00	41.10 0.77 0.00	41.82 0.79 0.12	49.96 1.09 0.00	77.86 1.85 0.00	103.99 2.24 0.00	79.68 1.31 0.00	89.32 0.88 0.00	87.65 1.03 0.00	113.39 2.28 0.00	111.57 3.41 0.00	85.51 2.77 0.00
N.AKRON__115KV_KNAPP 355671	67.07 -6.88 1.65	67.63 -6.55 0.00	64.44 -5.86 0.00	49.99 -4.47 0.00	48.80 -3.99 0.00	48.96 -3.40 0.00	66.53 -5.57 0.00	61.57 -6.27 0.03	55.59 -5.75 1.08	37.15 -3.90 0.00	41.42 -4.89 2.08	34.29 -4.38 0.45	35.98 -4.66 0.00	35.36 -4.78 0.20	32.99 -4.69 3.48	41.72 -5.20 1.95	68.66 -7.33 0.03	92.76 -9.00 0.00	72.12 -6.24 0.00	78.75 -8.94 0.75	76.37 -9.40 0.85	86.54 -12.09 12.48	89.94 -10.51 7.71	68.89 -8.11 5.74
N.BELMOR_69_KV_BK1 55787	79.65 4.05 0.00	78.10 3.93 0.00	73.66 3.37 0.00	56.94 2.48 0.00	55.14 2.35 0.00	54.86 2.51 0.00	75.53 3.43 0.00	78.54 3.69 -6.99	67.41 3.51 -1.49	43.19 2.15 0.00	52.37 3.07 -0.90	42.09 2.58 -0.39	43.15 2.52 0.00	42.63 2.30 0.00	43.46 2.45 0.14	52.00 3.13 0.00	80.87 4.86 0.00	161.97 7.15 -53.07	164.19 5.74 -80.08	138.94 6.92 -43.58	117.09 6.83 -23.64	118.57 7.46 0.00	114.34 6.18 0.00	95.83 5.18 -7.90
N.E_GEN_SANDY PD 24062	149.05 3.26 -70.19	120.36 3.25 -42.93	99.12 2.97 -25.85	86.19 2.27 -29.46	100.89 2.14 -45.96	111.33 2.05 -56.92	127.33 2.86 -52.36	159.42 2.97 -88.57	155.47 2.80 -90.26	97.26 1.77 -54.45	112.10 2.22 -61.48	90.68 1.90 -49.66	65.54 2.01 -22.90	59.80 2.00 -17.47	62.41 2.06 -19.20	69.77 2.39 -18.51	90.10 3.45 -10.64	120.59 5.18 -13.66	111.23 4.12 -28.75	102.13 4.92 -8.77	116.43 4.93 -24.88	116.59 5.48 0.00	113.91 4.87 -0.89	110.59 4.01 -23.84
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	77.87 2.27 0.00	76.36 2.18 0.00	72.13 1.83 0.00	55.82 1.36 0.00	54.00 1.22 0.00	53.68 1.32 0.00	74.04 1.95 0.00	76.85 2.27 -6.71	65.95 2.11 -1.43	42.36 1.32 0.00	50.15 1.75 0.00	40.65 1.53 0.00	42.21 1.57 0.00	41.94 1.61 0.00	42.71 1.71 0.15	50.87 2.00 0.00	78.89 2.87 0.00	106.27 4.52 0.00	81.96 3.60 0.00	93.58 4.48 -0.66	93.24 4.44 -2.19	115.80 4.69 0.00	111.99 3.83 0.00	92.57 3.05 -6.78
N.QUEENS_27_KV_LOAD 356247	78.79 3.19 0.00	77.24 3.06 0.00	72.84 2.55 0.00	56.38 1.92 0.00	54.52 1.74 0.00	54.22 1.86 0.00	74.89 2.79 0.00	77.98 3.12 -6.99	66.88 2.98 -1.49	43.02 1.98 0.00	51.07 2.68 0.00	41.35 2.22 0.00	42.96 2.33 0.00	42.79 2.46 0.00	43.46 2.45 0.14	51.63 2.76 0.00	80.01 4.00 0.00	107.88 6.13 0.00	83.32 4.95 0.00	95.19 6.06 -0.69	94.84 5.95 -2.28	117.48 6.37 0.00	113.42 5.26 0.00	93.88 4.09 -7.05
N.TROY___115KV_TB1 355778	79.15 3.55 0.00	77.70 3.53 0.00	73.62 3.32 0.00	57.03 2.57 0.00	55.25 2.46 0.00	54.72 2.36 0.00	75.39 3.29 0.00	133.23 3.31 -62.05	78.72 3.10 -13.20	43.02 1.97 0.00	50.81 2.41 0.00	41.14 2.03 0.00	42.77 2.14 0.00	42.43 2.10 0.00	43.20 2.16 0.10	51.36 2.48 0.00	79.68 3.66 0.00	107.17 5.42 0.00	82.59 4.23 0.00	99.38 4.96 -5.99	111.48 4.95 -19.90	116.86 5.75 0.00	113.38 5.22 0.00	148.58 4.25 -61.58
NARROWS_GT1_1 24228	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT1_2 24229	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT1_3 24230	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT1_4 24231	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05

NARROWS_GT1_5 24232	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT1_6 24233	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT1_7 24234	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT1_8 24235	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT2_1 24236	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.63 5.02 -59.24	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT2_2 24237	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.63 5.02 -59.24	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT2_3 24238	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.63 5.02 -59.24	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT2_4 24239	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.63 5.02 -59.24	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT2_5 24240	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.63 5.02 -59.24	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT2_6 24241	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.63 5.02 -59.24	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT2_7 24242	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.63 5.02 -59.24	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NARROWS_GT2_8 24243	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	108.04 6.12 -0.16	142.63 5.02 -59.24	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	80.81 5.21 0.00	79.33 5.15 0.00	75.21 4.91 0.00	58.28 3.82 0.00	56.49 3.70 0.00	55.85 3.49 0.00	76.67 4.57 0.00	97.39 4.49 -25.02	71.98 4.24 -5.32	43.61 2.57 0.00	51.40 3.00 0.00	41.57 2.45 0.00	43.18 2.55 0.00	42.78 2.46 0.00	43.44 2.40 0.11	51.68 2.81 0.00	80.99 4.98 0.00	109.40 7.64 0.00	84.28 5.91 0.00	97.83 6.73 -2.67	102.16 6.67 -8.87	119.17 8.06 0.00	115.73 7.57 0.00	116.36 6.18 -27.43
NCHELSEA_115KV_TR2 355582	79.12 3.52 0.00	77.60 3.42 0.00	73.33 3.03 0.00	56.77 2.31 0.00	54.96 2.17 0.00	54.60 2.24 0.00	75.35 3.25 0.00	78.57 3.49 -7.21	67.18 3.23 -1.53	43.08 2.04 0.00	50.93 2.53 0.00	41.20 2.08 0.00	42.78 2.15 0.00	42.50 2.17 0.00	43.28 2.27 0.14	51.61 2.74 0.00	80.23 4.22 0.00	108.15 6.39 0.00	83.50 5.13 0.00	95.26 6.11 -0.71	94.98 6.00 -2.36	117.82 6.71 0.00	113.96 5.80 0.00	94.55 4.50 -7.31
NEG CAPITAL___MECHNVIL 23645	80.23 4.63 0.00	78.74 4.57 0.00	74.60 4.31 0.00	57.84 3.38 0.00	56.07 3.28 0.00	55.60 3.24 0.00	76.76 4.66 0.00	143.23 4.63 -70.73	81.73 4.27 -15.05	43.74 2.70 0.00	51.64 3.24 0.00	41.74 2.62 0.00	43.42 2.78 0.00	43.04 2.71 0.00	43.86 2.81 0.10	52.18 3.31 0.00	81.17 5.16 0.00	109.26 7.51 0.00	84.22 5.85 0.00	102.03 6.69 -6.90	116.07 6.52 -22.93	118.85 7.74 0.00	115.17 7.00 0.00	159.24 5.54 -70.96

NEG CENTRAL_HIGH_ACRES 23767	69.32 -5.62 0.66	68.70 -5.48 0.00	65.29 -5.01 0.00	50.63 -3.83 0.00	49.30 -3.48 0.00	49.28 -3.07 0.00	67.69 -4.41 0.00	63.41 -4.46 0.01	58.05 -4.15 0.23	38.21 -2.83 0.00	44.26 -3.54 0.60	36.00 -3.01 0.10	37.35 -3.29 0.00	36.99 -3.30 0.05	35.98 -3.36 1.81	44.70 -3.75 0.42	70.88 -5.13 0.01	95.46 -6.29 0.00	73.89 -4.47 0.00	81.63 -6.05 0.76	79.49 -6.26 0.86	90.32 -8.10 12.68	92.78 -7.54 7.84	70.95 -5.95 5.84
NEG CENTRAL___DRP 24199	70.35 -2.85 2.41	71.47 -2.71 0.00	67.83 -2.46 0.00	52.47 -1.99 0.00	51.20 -1.59 0.00	51.10 -1.26 0.00	70.43 -1.67 0.00	66.24 -1.66 -0.02	62.09 -1.49 -1.16	39.86 -1.18 0.00	46.57 -1.93 -0.10	37.85 -1.70 -0.42	38.71 -1.92 0.00	38.60 -1.91 -0.18	40.01 -2.07 -0.93	48.67 -2.39 -2.19	73.36 -2.69 -0.03	99.64 -2.11 0.00	77.75 -0.62 0.00	86.83 -1.32 0.29	84.57 -1.72 0.33	102.65 -3.63 4.82	101.46 -3.72 2.98	78.12 -2.41 2.22
NEG CENTRAL___INDECK 23768	65.95 -6.50 3.15	68.09 -6.09 0.00	64.65 -5.64 0.00	50.15 -4.31 0.00	49.05 -3.73 0.00	49.21 -3.15 0.00	67.57 -4.53 0.00	63.33 -4.66 -0.12	63.15 -4.58 -5.32	37.60 -3.44 0.00	48.39 -4.73 -4.72	36.91 -4.34 -2.13	35.91 -4.72 0.00	36.65 -4.61 -0.93	45.83 -4.77 -9.45	52.97 -5.39 -9.49	69.15 -6.99 -0.12	95.79 -5.96 0.00	75.00 -3.37 0.00	82.72 -5.08 0.63	80.51 -5.39 0.72	93.06 -7.47 10.58	94.64 -6.98 6.54	72.52 -5.35 4.87
NEG CENTRAL___SENECA 23627	68.18 -3.13 4.29	71.24 -2.94 0.00	67.62 -2.68 0.00	52.29 -2.17 0.00	51.19 -1.60 0.00	51.19 -1.17 0.00	70.51 -1.59 0.00	67.82 -1.62 -1.56	62.88 -1.42 -1.88	39.92 -1.12 0.00	46.33 -2.06 0.01	37.98 -1.83 -0.69	38.54 -2.09 0.00	38.52 -2.11 -0.30	41.15 -2.36 -2.35	49.73 -2.71 -3.57	73.09 -2.97 -0.05	99.68 -2.08 0.00	78.14 -0.23 0.00	86.99 -1.12 0.33	84.66 -1.59 0.38	101.34 -4.23 5.54	100.44 -4.29 3.42	77.77 -2.43 2.55
NEG CENTRAL___STATE_STREET 24147	74.02 -2.07 -0.49	72.17 -2.01 0.00	68.50 -1.80 0.00	52.99 -1.46 0.00	51.58 -1.20 0.00	51.37 -0.99 0.00	70.81 -1.29 0.00	66.65 -1.23 -0.01	61.70 -1.10 -0.38	40.02 -1.03 0.00	47.43 -1.58 -0.61	37.90 -1.35 -0.13	39.11 -1.52 0.00	38.97 -1.42 -0.05	39.08 -1.46 0.61	47.80 -1.73 -0.66	74.17 -1.86 -0.01	100.24 -1.51 0.00	77.76 -0.61 0.00	87.02 -1.13 0.29	84.91 -1.38 0.33	104.00 -2.30 4.81	102.79 -2.40 2.97	78.47 -2.06 2.21
NEG MILLWOOD___DRP 24198	79.37 3.78 0.00	77.85 3.68 0.00	73.53 3.24 0.00	56.92 2.46 0.00	55.13 2.34 0.00	54.78 2.42 0.00	75.69 3.59 0.00	78.87 3.80 -7.19	67.44 3.50 -1.53	43.26 2.22 0.00	51.20 2.80 0.00	41.43 2.31 0.00	43.01 2.37 0.00	42.73 2.41 0.00	43.50 2.49 0.14	51.85 2.98 0.00	80.59 4.57 0.00	108.67 6.92 0.00	83.94 5.57 0.00	95.78 6.64 -0.71	95.47 6.50 -2.35	118.40 7.29 0.00	114.49 6.34 0.00	94.90 4.88 -7.27
NEG NORTH_FLCN_SEA 23793	76.66 1.06 0.00	74.82 0.64 0.00	70.73 0.44 0.00	54.72 0.26 0.00	52.79 0.00 0.00	52.57 0.21 0.00	72.27 0.17 0.00	52.04 -0.06 15.77	-26.09 -0.46 88.05	-12.19 -0.08 53.14	6.97 -0.15 41.27	28.58 -0.21 10.33	40.44 -0.19 0.00	40.17 -0.16 0.00	40.94 -0.13 0.08	49.05 0.18 0.00	76.68 0.66 0.00	102.83 1.08 0.00	78.79 0.42 0.00	88.20 -0.24 0.00	86.47 -0.15 0.00	111.39 0.28 0.00	109.70 1.54 0.00	84.49 1.74 0.00
NEG NORTH_KES_CHATEGAY 23792	75.98 0.38 0.00	74.19 0.01 0.00	70.17 -0.12 0.00	54.40 -0.06 0.00	52.48 -0.31 0.00	52.49 0.13 0.00	72.14 0.05 0.00	69.13 -0.27 -1.53	70.37 -0.61 -8.57	46.02 -0.19 -5.17	52.12 -0.30 -4.02	39.80 -0.32 -1.01	40.33 -0.30 0.00	40.09 -0.24 0.00	40.82 -0.24 0.09	48.83 -0.04 0.00	76.27 0.26 0.00	102.05 0.30 0.00	78.14 -0.23 0.00	87.65 -0.79 0.00	85.95 -0.67 0.00	110.98 -0.13 0.00	109.30 1.14 0.00	83.75 1.01 0.00
NEG NORTH___ALICE_FALLS 23915	76.95 1.35 0.00	75.11 0.94 0.00	71.01 0.71 0.00	54.95 0.49 0.00	53.03 0.24 0.00	52.93 0.57 0.00	72.80 0.71 0.00	79.30 0.45 -10.97	123.70 0.02 -61.26	78.23 0.21 -36.98	77.29 0.17 -28.72	46.35 0.05 -7.19	40.68 0.05 0.00	40.40 0.07 0.00	41.21 0.14 0.08	49.37 0.50 0.00	77.23 1.21 0.00	103.57 1.82 0.00	79.35 0.98 0.00	88.86 0.42 0.00	87.09 0.47 0.00	112.23 1.12 0.00	110.45 2.29 0.00	84.87 2.13 0.00
NEG NORTH___LWR_SARANAC 23913	76.95 1.35 0.00	75.11 0.94 0.00	71.01 0.71 0.00	54.95 0.49 0.00	53.03 0.24 0.00	52.93 0.57 0.00	72.80 0.71 0.00	79.30 0.45 -10.97	123.70 0.02 -61.26	78.23 0.21 -36.98	77.29 0.17 -28.72	46.35 0.05 -7.19	40.68 0.05 0.00	40.40 0.07 0.00	41.21 0.14 0.08	49.37 0.50 0.00	77.23 1.21 0.00	103.57 1.82 0.00	79.35 0.98 0.00	88.86 0.42 0.00	87.09 0.47 0.00	112.23 1.12 0.00	110.45 2.29 0.00	84.87 2.13 0.00
NEG NORTH___PLATTSBURG 23628	76.94 1.34 0.00	75.11 0.94 0.00	71.01 0.71 0.00	54.95 0.49 0.00	53.03 0.25 0.00	52.93 0.57 0.00	72.81 0.70 0.00	79.30 0.45 -10.97	123.70 0.02 -61.26	78.23 0.21 -36.98	77.29 0.17 -28.72	46.35 0.05 -7.19	40.68 0.05 0.00	40.40 0.07 0.00	41.21 0.13 0.08	49.37 0.50 0.00	77.23 1.21 0.00	103.57 1.82 0.00	79.35 0.98 0.00	88.86 0.42 0.00	87.08 0.46 0.00	112.22 1.11 0.00	110.45 2.29 0.00	84.88 2.13 0.00
NEG WEST_LEA_LOCKPORT 23791	65.21 -8.63 1.76	65.92 -8.26 0.00	62.86 -7.44 0.00	48.75 -5.71 0.00	47.58 -5.20 0.00	47.69 -4.67 0.00	64.62 -7.48 0.00	59.67 -8.17 0.03	53.67 -7.47 1.28	36.17 -4.88 0.00	40.09 -5.95 2.36	33.37 -5.23 0.53	35.08 -5.56 0.00	34.53 -5.57 0.23	31.74 -5.55 3.86	40.31 -6.27 2.29	66.86 -9.13 0.03	90.03 -11.73 0.00	70.00 -8.37 0.00	76.30 -11.40 0.74	74.00 -11.78 0.84	83.72 -15.07 12.31	87.34 -13.21 7.61	66.99 -10.09 5.67
NEG WEST___LANCASTR 23811	66.83 -6.44 2.33	67.94 -6.24 0.00	64.76 -5.54 0.00	50.18 -4.28 0.00	49.10 -3.69 0.00	49.16 -3.20 0.00	66.83 -5.26 0.00	62.16 -5.69 0.03	55.89 -5.25 1.27	37.63 -3.41 0.00	41.57 -4.21 2.62	34.95 -3.64 0.52	36.75 -3.89 0.00	36.21 -3.89 0.23	33.37 -3.99 3.79	42.20 -4.38 2.29	69.64 -6.34 0.03	93.85 -7.91 0.00	73.09 -5.28 0.00	80.20 -7.58 0.67	77.91 -7.95 0.76	89.03 -10.97 11.11	91.68 -9.61 6.86	70.34 -7.29 5.12
NEG_PENN_ALLEGHNY 23528	72.59 -1.89 1.12	72.30 -1.87 0.00	68.62 -1.67 0.00	53.06 -1.40 0.00	51.65 -1.14 0.00	51.34 -1.02 0.00	70.77 -1.32 0.00	69.94 -1.18 -3.24	62.06 -1.05 -0.69	40.19 -0.86 0.00	47.04 -1.08 0.29	38.32 -0.88 -0.08	39.64 -1.00 0.00	39.41 -0.96 -0.03	39.61 -1.02 0.52	47.80 -1.07 0.00	74.61 -1.40 0.00	100.63 -1.12 0.00	78.03 -0.33 0.00	87.64 -0.83 -0.03	86.39 -0.96 -0.73	104.65 -1.58 4.88	103.38 -1.77 3.01	82.36 -1.44 -1.05
NEG___GEN_MONROE 24207	69.75 -4.76 1.09	69.58 -4.60 0.00	66.18 -4.11 0.00	51.33 -3.13 0.00	50.04 -2.75 0.00	50.09 -2.27 0.00	68.64 -3.46 0.00	64.11 -3.75 0.01	58.57 -3.55 0.30	38.56 -2.48 0.00	44.20 -3.30 0.89	36.06 -2.93 0.13	37.45 -3.19 0.00	37.08 -3.20 0.06	35.95 -3.27 1.94	44.77 -3.56 0.54	71.40 -4.61 0.01	96.50 -5.26 0.00	74.86 -3.51 0.00	82.37 -5.27 0.80	80.04 -5.68 0.91	90.54 -7.26 13.30	93.46 -6.48 8.22	71.52 -5.10 6.13

NEPA___ENERGY 23901	65.66 -7.75 2.20	66.82 -7.36 0.00	63.74 -6.55 0.00	49.22 -5.24 0.00	48.15 -4.64 0.00	48.27 -4.09 0.00	65.72 -6.38 0.00	61.09 -6.75 0.04	54.48 -6.23 1.71	36.99 -4.05 0.00	40.22 -5.10 3.08	33.96 -4.46 0.70	35.88 -4.76 0.00	35.29 -4.73 0.31	31.67 -4.78 4.70	40.60 -5.21 3.07	68.65 -7.32 0.04	93.07 -8.68 0.00	72.50 -5.87 0.00	79.40 -8.35 0.69	76.97 -8.86 0.79	88.00 -11.55 11.56	90.79 -10.23 7.14	69.70 -7.73 5.32
NEVERSINK___HYD 23608	77.64 2.04 0.00	76.17 1.99 0.00	72.05 1.75 0.00	55.74 1.29 0.00	54.01 1.22 0.00	53.68 1.33 0.00	74.20 2.10 0.00	77.57 2.40 -7.30	66.18 2.21 -1.55	42.43 1.39 0.00	49.93 1.54 0.00	40.25 1.13 0.00	41.76 1.13 0.00	41.56 1.23 0.00	42.21 1.22 0.15	50.45 1.58 0.00	78.76 2.74 0.00	106.51 4.76 0.00	82.23 3.86 0.00	93.79 4.62 -0.73	93.53 4.48 -2.43	115.92 4.81 0.00	112.16 4.00 0.00	93.31 3.04 -7.52
NEWKRMKL_115KV_TB1 55635	78.17 2.57 0.00	76.77 2.59 0.00	72.71 2.41 0.00	56.33 1.87 0.00	54.56 1.77 0.00	53.95 1.59 0.00	73.99 1.90 0.00	113.00 2.06 -43.07	73.54 1.96 -9.16	42.38 1.34 0.00	50.14 1.74 0.00	40.60 1.48 0.00	42.21 1.57 0.00	41.89 1.56 0.00	42.60 1.55 0.10	50.50 1.62 0.00	78.50 2.49 0.00	105.19 3.44 0.00	80.95 2.59 0.00	96.06 3.24 -4.39	104.64 3.43 -14.59	115.02 3.91 0.00	111.70 3.54 0.00	131.03 3.14 -45.14
NEWTON___FALLS_HYD 23847	76.24 0.64 0.00	74.55 0.38 0.00	70.74 0.45 0.00	55.24 0.78 0.00	53.31 0.52 0.00	53.10 0.74 0.00	73.60 1.50 0.00	68.64 0.76 0.00	62.92 0.50 0.00	41.45 0.41 0.00	48.77 0.37 0.00	39.40 0.28 0.00	41.07 0.44 0.00	40.84 0.52 0.00	41.30 0.54 0.40	49.09 0.22 0.00	75.97 -0.04 0.00	101.30 -0.45 0.00	77.84 -0.53 0.00	87.56 -0.88 0.00	86.35 -0.27 0.00	112.25 1.14 0.00	109.69 1.53 0.00	84.02 1.27 0.00
NGRID_A1_DSASP 323792	64.21 -9.57 1.82	64.89 -9.29 0.00	61.91 -8.38 0.00	48.05 -6.42 0.00	46.90 -5.88 0.00	46.99 -5.37 0.00	63.76 -8.33 0.00	58.88 -8.96 0.03	52.93 -8.21 1.28	35.75 -5.30 0.00	39.67 -6.34 2.39	33.07 -5.52 0.53	34.77 -5.86 0.00	34.26 -5.83 0.23	31.51 -5.78 3.86	39.94 -6.63 2.30	66.14 -9.84 0.03	88.75 -13.00 0.00	68.90 -9.47 0.00	75.06 -12.64 0.74	72.84 -12.94 0.84	82.39 -16.45 12.27	86.11 -14.46 7.58	66.03 -11.07 5.65
NGRID_A2_DSASP 323793	64.21 -9.57 1.82	64.89 -9.29 0.00	61.91 -8.38 0.00	48.05 -6.42 0.00	46.90 -5.88 0.00	46.99 -5.37 0.00	63.76 -8.33 0.00	58.88 -8.96 0.03	52.93 -8.21 1.28	35.75 -5.30 0.00	39.67 -6.34 2.39	33.07 -5.52 0.53	34.77 -5.86 0.00	34.26 -5.83 0.23	31.51 -5.78 3.86	39.94 -6.63 2.30	66.14 -9.84 0.03	88.75 -13.00 0.00	68.90 -9.47 0.00	75.06 -12.64 0.74	72.84 -12.94 0.84	82.39 -16.45 12.27	86.11 -14.46 7.58	66.03 -11.07 5.65
NGRID_A4_DSASP 323807	64.21 -9.57 1.82	64.89 -9.29 0.00	61.91 -8.38 0.00	48.05 -6.42 0.00	46.90 -5.88 0.00	46.99 -5.37 0.00	63.76 -8.33 0.00	58.88 -8.96 0.03	52.93 -8.21 1.28	35.75 -5.30 0.00	39.67 -6.34 2.39	33.07 -5.52 0.53	34.77 -5.86 0.00	34.26 -5.83 0.23	31.51 -5.78 3.86	39.94 -6.63 2.30	66.14 -9.84 0.03	88.75 -13.00 0.00	68.90 -9.47 0.00	75.06 -12.64 0.74	72.84 -12.94 0.84	82.39 -16.45 12.27	86.11 -14.46 7.58	66.03 -11.07 5.65
NIAGARA_115E_LBMP 323715	64.62 -9.15 1.83	65.47 -8.70 0.00	62.44 -7.85 0.00	48.45 -6.01 0.00	47.29 -5.49 0.00	47.37 -5.00 0.00	63.91 -8.19 0.00	58.83 -9.02 0.03	53.03 -8.11 1.28	35.75 -5.30 0.00	39.77 -6.23 2.40	33.02 -5.57 0.53	34.69 -5.94 0.00	34.18 -5.91 0.23	31.59 -5.70 3.87	40.02 -6.55 2.30	65.98 -10.00 0.03	88.63 -13.12 0.00	68.87 -9.49 0.00	75.01 -12.69 0.73	72.73 -13.05 0.83	82.27 -16.63 12.21	85.99 -14.63 7.54	65.91 -11.22 5.62
NIAGARA_115W_LBMP 323714	64.13 -9.66 1.81	64.80 -9.38 0.00	61.82 -8.47 0.00	47.98 -6.48 0.00	46.82 -5.96 0.00	46.89 -5.47 0.00	63.64 -8.46 0.00	58.79 -9.06 0.03	52.83 -8.31 1.27	35.68 -5.36 0.00	39.62 -6.40 2.38	33.02 -5.57 0.52	34.70 -5.93 0.00	34.21 -5.89 0.23	31.49 -5.82 3.84	39.90 -6.69 2.28	66.03 -9.95 0.03	88.58 -13.17 0.00	68.78 -9.59 0.00	74.91 -12.80 0.74	72.69 -13.10 0.84	82.20 -16.63 12.28	85.95 -14.62 7.59	65.89 -11.20 5.65
NIAGARA_230_LBMP 323716	64.90 -8.94 1.76	65.56 -8.62 0.00	62.52 -7.78 0.00	48.50 -5.96 0.00	47.35 -5.43 0.00	47.42 -4.94 0.00	64.34 -7.76 0.00	59.50 -8.34 0.03	53.48 -7.73 1.21	36.09 -4.95 0.00	40.08 -6.03 2.28	33.42 -5.20 0.50	35.13 -5.51 0.00	34.62 -5.49 0.22	31.85 -5.57 3.72	40.37 -6.32 2.17	66.72 -9.26 0.03	89.63 -12.12 0.00	69.60 -8.77 0.00	75.93 -11.76 0.74	73.72 -12.05 0.85	83.49 -15.21 12.40	87.16 -13.34 7.66	66.80 -10.24 5.71
NIAGARA___115KV_198_GIBSON 55903	64.11 -9.68 1.81	64.80 -9.38 0.00	61.82 -8.47 0.00	47.98 -6.48 0.00	46.83 -5.96 0.00	46.89 -5.46 0.00	63.64 -8.46 0.00	58.77 -9.08 0.03	52.79 -8.36 1.27	35.69 -5.35 0.00	39.59 -6.43 2.38	33.01 -5.58 0.52	34.70 -5.93 0.00	34.19 -5.90 0.23	31.43 -5.88 3.84	39.85 -6.74 2.28	66.02 -9.97 0.03	88.58 -13.17 0.00	68.77 -9.60 0.00	74.90 -12.80 0.74	72.64 -13.14 0.84	82.07 -16.76 12.28	85.86 -14.71 7.59	65.88 -11.21 5.65
NIAGARA___ 23760	64.88 -8.94 1.78	65.56 -8.62 0.00	62.52 -7.78 0.00	48.50 -5.96 0.00	47.35 -5.43 0.00	47.42 -4.94 0.00	64.34 -7.76 0.00	59.50 -8.34 0.03	53.46 -7.73 1.23	36.09 -4.95 0.00	40.06 -6.03 2.30	33.41 -5.20 0.51	35.13 -5.51 0.00	34.62 -5.49 0.22	31.83 -5.57 3.75	40.35 -6.32 2.20	66.72 -9.26 0.03	89.63 -12.12 0.00	69.60 -8.77 0.00	75.94 -11.76 0.74	73.73 -12.05 0.84	83.58 -15.21 12.32	87.22 -13.34 7.60	66.85 -10.24 5.66
NINE_MILE_1 23575	71.65 -3.95 0.00	70.31 -3.87 0.00	66.70 -3.60 0.00	51.67 -2.79 0.00	50.17 -2.62 0.00	49.84 -2.52 0.00	68.60 -3.50 0.00	64.54 -3.33 0.00	59.36 -3.06 0.00	38.97 -2.07 0.00	45.90 -2.50 0.00	37.08 -2.04 0.00	38.48 -2.15 0.00	38.19 -2.14 0.00	37.20 -2.17 1.78	46.33 -2.54 0.00	72.27 -3.74 0.00	97.06 -4.69 0.00	74.90 -3.47 0.00	80.37 -4.18 3.89	78.04 -4.16 4.41	40.75 -5.48 64.88	62.67 -5.40 40.09	48.71 -4.17 29.87
NINE_MILE_2 23744	71.65 -3.95 0.00	70.31 -3.87 0.00	66.70 -3.59 0.00	51.68 -2.79 0.00	50.17 -2.62 0.00	49.84 -2.52 0.00	68.60 -3.50 0.00	64.55 -3.33 0.00	59.37 -3.05 0.00	38.98 -2.06 0.00	45.90 -2.50 0.00	37.09 -2.03 0.00	38.48 -2.15 0.00	38.20 -2.13 0.00	37.20 -2.17 1.79	46.33 -2.54 0.00	72.28 -3.73 0.00	97.06 -4.69 0.00	74.90 -3.47 0.00	80.32 -4.18 3.94	77.99 -4.16 4.47	40.00 -5.46 65.66	62.20 -5.39 40.57	48.36 -4.17 30.22
NM_CAPITAL___DRP 24208	78.26 2.66 0.00	76.85 2.67 0.00	72.82 2.53 0.00	56.40 1.94 0.00	54.62 1.83 0.00	54.01 1.65 0.00	74.12 2.02 0.00	111.60 2.17 -41.55	73.32 2.06 -8.84	42.44 1.40 0.00	50.20 1.80 0.00	40.64 1.53 0.00	42.26 1.62 0.00	41.93 1.60 0.00	42.66 1.61 0.10	50.68 1.81 0.00	78.56 2.55 0.00	105.40 3.65 0.00	81.14 2.77 0.00	96.20 3.45 -4.31	104.59 3.63 -14.35	115.22 4.11 0.00	111.86 3.70 0.00	130.40 3.26 -44.39

NM_CENTRAL___DRP 24181	72.50 -3.10 0.00	71.13 -3.05 0.00	67.48 -2.82 0.00	52.29 -2.18 0.00	50.80 -1.98 0.00	50.53 -1.83 0.00	69.61 -2.49 0.00	65.52 -2.36 0.00	60.26 -2.15 0.00	39.54 -1.50 0.00	46.54 -1.86 0.00	37.60 -1.52 0.00	38.99 -1.65 0.00	38.70 -1.63 0.00	38.24 -1.66 1.25	47.01 -1.86 0.00	73.42 -2.59 0.00	98.69 -3.07 0.00	76.26 -2.11 0.00	85.24 -2.74 0.45	83.26 -2.85 0.52	99.66 -3.89 7.56	99.51 -3.97 4.67	76.14 -3.12 3.48
NM_FRONTIER___DRP 24179	64.11 -9.68 1.81	64.80 -9.38 0.00	61.82 -8.47 0.00	47.98 -6.48 0.00	46.83 -5.96 0.00	46.89 -5.46 0.00	63.64 -8.46 0.00	58.77 -9.08 0.03	52.79 -8.36 1.27	35.69 -5.35 0.00	39.59 -6.43 2.38	33.01 -5.58 0.52	34.70 -5.93 0.00	34.19 -5.90 0.23	31.43 -5.88 3.84	39.85 -6.74 2.28	66.02 -9.97 0.03	88.58 -13.17 0.00	68.77 -9.60 0.00	74.90 -12.80 0.74	72.64 -13.14 0.84	82.07 -16.76 12.28	85.86 -14.71 7.59	65.88 -11.21 5.65
NM_ST_REGIS___HYD 24053	77.67 2.07 0.00	75.95 1.77 0.00	71.96 1.66 0.00	55.88 1.42 0.00	53.96 1.18 0.00	53.89 1.53 0.00	74.36 2.27 0.00	69.78 1.52 -0.39	65.73 1.13 -2.18	43.45 1.10 -1.32	50.63 1.21 -1.02	40.29 0.91 -0.26	41.62 0.98 0.00	41.31 0.98 0.00	41.91 0.96 0.20	49.88 1.00 0.00	77.05 1.04 0.00	102.33 0.58 0.00	78.41 0.05 0.00	88.08 -0.35 0.00	86.68 0.06 0.00	112.75 1.64 0.00	111.07 2.90 0.00	85.30 2.55 0.00
NORTHPORT___1 23551	80.57 4.97 0.00	78.98 4.80 0.00	74.49 4.19 0.00	57.57 3.11 0.00	55.77 2.98 0.00	55.43 3.07 0.00	76.43 4.33 0.00	79.31 4.45 -6.99	67.86 3.96 -1.49	43.50 2.46 0.00	52.93 3.63 -0.90	42.52 3.01 -0.39	43.56 2.93 0.00	43.03 2.70 0.00	43.80 2.79 0.14	52.53 3.65 0.00	81.46 5.44 0.00	162.65 7.82 -53.07	164.81 6.36 -80.08	139.66 7.64 -43.58	117.77 7.50 -23.64	119.37 8.26 0.00	115.26 7.10 0.00	96.47 5.83 -7.90
NORTHPORT___2 23552	80.57 4.97 0.00	78.98 4.80 0.00	74.49 4.19 0.00	57.57 3.11 0.00	55.77 2.98 0.00	55.43 3.07 0.00	76.43 4.33 0.00	79.31 4.45 -6.99	67.86 3.96 -1.49	43.50 2.46 0.00	52.93 3.63 -0.90	42.52 3.01 -0.39	43.56 2.93 0.00	43.03 2.70 0.00	43.80 2.79 0.14	52.53 3.65 0.00	81.46 5.44 0.00	162.65 7.82 -53.07	164.81 6.36 -80.08	139.66 7.64 -43.58	117.77 7.50 -23.64	119.37 8.26 0.00	115.26 7.10 0.00	96.47 5.83 -7.90
NORTHPORT___3 23553	79.81 4.21 0.00	78.25 4.07 0.00	73.83 3.53 0.00	57.05 2.59 0.00	55.25 2.46 0.00	54.86 2.50 0.00	75.46 3.36 0.00	78.34 3.48 -6.99	66.93 3.02 -1.49	43.10 2.06 0.00	52.54 3.24 -0.90	42.15 2.65 -0.39	43.17 2.54 0.00	42.61 2.28 0.00	43.36 2.36 0.14	51.93 3.06 0.00	80.46 4.44 0.00	161.41 6.59 -53.07	163.79 5.34 -80.08	138.57 6.55 -43.58	116.85 6.58 -23.64	118.24 7.14 0.00	114.11 5.95 0.00	95.59 4.94 -7.90
NORTHPORT___4 23650	79.81 4.21 0.00	78.25 4.07 0.00	73.83 3.53 0.00	57.05 2.59 0.00	55.25 2.46 0.00	54.86 2.50 0.00	75.46 3.36 0.00	78.34 3.48 -6.99	66.93 3.02 -1.49	43.10 2.06 0.00	52.54 3.24 -0.90	42.15 2.65 -0.39	43.17 2.54 0.00	42.61 2.28 0.00	43.36 2.36 0.14	51.93 3.06 0.00	80.46 4.44 0.00	161.41 6.59 -53.07	163.79 5.34 -80.08	138.57 6.55 -43.58	116.85 6.58 -23.64	118.24 7.14 0.00	114.11 5.95 0.00	95.59 4.94 -7.90
NORTHPORT___IC 23718	80.58 4.98 0.00	78.97 4.80 0.00	74.48 4.19 0.00	57.57 3.11 0.00	55.77 2.99 0.00	55.43 3.07 0.00	76.43 4.33 0.00	79.31 4.45 -6.99	67.86 3.95 -1.49	43.50 2.46 0.00	52.93 3.63 -0.90	42.52 3.01 -0.39	43.57 2.93 0.00	43.03 2.70 0.00	43.82 2.80 0.14	52.53 3.66 0.00	81.45 5.44 0.00	162.65 7.83 -53.07	164.81 6.37 -80.08	139.66 7.64 -43.58	117.79 7.53 -23.64	119.42 8.32 0.00	115.28 7.12 0.00	96.48 5.83 -7.90
NORTH___COUNTRY_ESR 323785	75.75 0.15 0.00	73.97 -0.21 0.00	69.94 -0.35 0.00	54.20 -0.26 0.00	52.29 -0.50 0.00	52.30 -0.06 0.00	71.83 -0.27 0.00	68.61 -0.54 -1.28	68.72 -0.86 -7.17	45.02 -0.34 -4.33	51.29 -0.46 -3.36	39.51 -0.45 -0.84	40.21 -0.42 0.00	39.94 -0.39 0.00	40.68 -0.38 0.09	48.68 -0.19 0.00	76.02 0.01 0.00	101.64 -0.11 0.00	77.78 -0.59 0.00	87.27 -1.16 0.00	85.59 -1.03 0.00	110.58 -0.53 0.00	108.93 0.77 0.00	83.46 0.71 0.00
NPX_GEN_1385_PROXY 323591	155.43 7.07 -72.77	208.82 6.83 -127.82	204.42 6.14 -127.98	194.62 4.62 -135.54	72.56 4.44 -15.33	56.59 4.23 0.00	78.45 6.35 0.00	81.14 6.28 -6.99	70.63 5.70 -2.51	130.29 3.60 -85.65	156.47 4.96 -103.11	130.74 4.09 -87.53	174.25 4.05 -129.57	155.23 3.80 -111.10	44.70 3.69 0.14	53.84 4.96 0.00	83.23 7.22 0.00	164.85 10.03 -53.07	167.01 8.56 -80.08	142.10 10.08 -43.58	119.81 9.54 -23.64	121.81 10.70 0.00	117.56 9.39 0.00	98.77 8.12 -7.90
NPX_GEN_CSC 323557	80.82 5.22 0.00	79.27 5.09 0.00	74.73 4.43 0.00	57.73 3.27 0.00	55.95 3.17 0.00	55.78 3.42 0.00	77.00 4.90 0.00	79.93 5.07 -6.99	68.32 4.42 -1.49	43.72 2.68 0.00	52.94 3.65 -0.90	42.38 2.88 -0.39	43.34 2.71 0.00	42.85 2.51 0.00	43.75 2.74 0.14	52.64 3.77 0.00	82.14 6.13 0.00	163.76 8.93 -53.08	165.46 7.01 -80.08	140.44 8.42 -43.58	118.45 8.18 -23.64	120.09 8.98 0.00	115.69 7.53 0.00	96.66 6.01 -7.90
NSINS_S_GLNS_FALLS 23858	81.41 5.81 0.00	79.84 5.66 0.00	75.67 5.37 0.00	58.87 4.42 0.00	57.08 4.30 0.00	56.72 4.36 0.00	78.37 6.27 0.00	149.12 6.27 -74.98	84.03 5.66 -15.95	44.58 3.54 0.00	52.56 4.16 0.00	42.44 3.32 0.00	44.03 3.39 0.00	43.68 3.35 0.00	44.49 3.44 0.10	52.96 4.09 0.00	82.52 6.50 0.00	111.32 9.56 0.00	85.83 7.46 0.00	104.31 8.53 -7.34	119.17 8.13 -24.42	120.85 9.74 0.00	117.00 8.83 0.00	165.16 6.85 -75.56
NUCOR_STEEL___DRP 24197	74.31 -2.04 -0.75	72.21 -1.97 0.00	68.52 -1.78 0.00	53.02 -1.44 0.00	51.58 -1.20 0.00	51.36 -1.00 0.00	70.79 -1.31 0.00	66.60 -1.28 0.00	61.24 -1.18 0.00	39.95 -1.09 0.00	47.17 -1.58 -0.35	37.78 -1.34 0.00	39.14 -1.49 0.00	38.96 -1.37 0.00	38.45 -1.40 1.29	47.20 -1.67 0.00	74.21 -1.81 0.00	100.24 -1.52 0.00	77.66 -0.71 0.00	86.95 -1.21 0.29	84.87 -1.43 0.32	104.04 -2.28 4.78	102.87 -2.33 2.96	78.43 -2.12 2.20
NUMBER_THREE_WT_PWR 323818	74.88 -0.72 0.00	73.16 -1.02 0.00	69.56 -0.74 0.00	54.76 0.30 0.00	52.60 -0.18 0.00	52.26 -0.10 0.00	72.68 0.58 0.00	67.85 -0.03 0.00	62.27 -0.15 0.00	40.76 -0.28 0.00	48.00 -0.40 0.00	38.84 -0.28 0.00	40.63 0.00 0.00	40.51 0.18 0.00	40.94 0.31 0.52	48.49 -0.38 0.00	75.52 -0.49 0.00	101.32 -0.43 0.00	78.06 -0.31 0.00	87.80 -0.54 0.09	86.59 0.08 0.10	110.87 1.25 1.49	107.78 0.55 0.92	82.30 0.24 0.69
NYISO_LBMP_REFERENCE 24008	75.60 0.00 0.00	74.18 0.00 0.00	70.30 0.00 0.00	54.46 0.00 0.00	52.79 0.00 0.00	52.36 0.00 0.00	72.10 0.00 0.00	67.87 0.00 0.00	62.42 0.00 0.00	41.04 0.00 0.00	48.40 0.00 0.00	39.12 0.00 0.00	40.63 0.00 0.00	40.33 0.00 0.00	41.15 0.00 0.00	48.87 0.00 0.00	76.01 0.00 0.00	101.75 0.00 0.00	78.37 0.00 0.00	88.44 0.00 0.00	86.62 0.00 0.00	111.11 0.00 0.00	108.16 0.00 0.00	82.75 0.00 0.00

NYPA_BRENTWD____GT 24164	81.10 5.50 0.00	79.46 5.28 0.00	74.92 4.62 0.00	57.89 3.44 0.00	56.10 3.31 0.00	55.84 3.48 0.00	77.11 5.01 0.00	80.01 5.15 -6.99	68.43 4.53 -1.49	43.75 2.71 0.00	53.21 3.91 -0.90	42.70 3.19 -0.39	43.72 3.09 0.00	43.22 2.89 0.00	44.06 3.05 0.14	52.90 4.02 0.00	82.27 6.26 0.00	163.97 9.14 -53.07	165.83 7.38 -80.08	140.79 8.77 -43.58	118.82 8.56 -23.64	120.64 9.53 0.00	116.37 8.20 0.00	97.18 6.53 -7.90
NYPA_GOWANUS____GT5 24156	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NYPA_GOWANUS____GT6 24157	78.85 3.25 0.00	77.37 3.20 0.00	72.98 2.69 0.00	56.47 2.01 0.00	56.71 1.86 -2.07	59.23 2.02 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.21 3.04 -2.76	57.54 2.02 -14.48	60.92 2.65 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.67 2.86 -6.94	80.65 4.03 -0.60	110.85 6.12 -2.98	142.67 5.02 -59.28	249.75 6.17 -155.14	153.46 6.12 -60.73	117.72 6.61 0.00	113.63 5.47 0.00	94.07 4.28 -7.05
NYPA_HARLEM__RVR__GT1 24160	78.60 3.00 0.00	77.03 2.85 0.00	72.65 2.35 0.00	56.23 1.78 0.00	54.37 1.59 0.00	54.09 1.73 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.69 2.79 -1.49	42.90 1.86 0.00	50.90 2.50 0.00	41.20 2.08 0.00	42.82 2.19 0.00	42.65 2.32 0.00	43.31 2.30 0.14	51.47 2.60 0.00	79.78 3.77 0.00	107.56 5.81 0.00	83.07 4.70 0.00	94.91 5.79 -0.69	94.58 5.68 -2.28	117.13 6.02 0.00	113.12 4.96 0.00	93.66 3.86 -7.05
NYPA_HARLEM__RVR__GT2 24161	78.60 3.00 0.00	77.03 2.85 0.00	72.65 2.35 0.00	56.23 1.78 0.00	54.37 1.59 0.00	54.09 1.73 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.69 2.79 -1.49	42.90 1.86 0.00	50.90 2.50 0.00	41.20 2.08 0.00	42.82 2.19 0.00	42.65 2.32 0.00	43.31 2.30 0.14	51.47 2.60 0.00	79.78 3.77 0.00	107.56 5.81 0.00	83.07 4.70 0.00	94.91 5.79 -0.69	94.58 5.68 -2.28	117.13 6.02 0.00	113.12 4.96 0.00	93.66 3.86 -7.05
NYPA_KENT____GT 24152	78.77 3.17 0.00	77.24 3.07 0.00	72.88 2.58 0.00	56.39 1.93 0.00	55.77 1.77 -1.22	57.12 1.91 -2.85	74.96 2.79 -0.07	77.97 3.11 -6.99	67.61 2.94 -2.25	51.76 1.98 -8.74	56.98 2.62 -5.96	49.78 2.27 -8.39	50.55 2.35 -7.57	50.38 2.39 -7.66	50.72 2.43 -7.13	55.83 2.77 -4.19	80.26 3.89 -0.36	107.73 5.87 -0.11	118.91 4.78 -35.76	188.30 5.94 -93.92	130.06 5.88 -37.56	117.47 6.35 0.00	113.51 5.35 0.00	93.99 4.19 -7.05
NYPA_POUCH1____GT 24155	78.62 3.02 0.00	77.24 3.06 0.00	72.84 2.54 0.00	56.27 1.81 0.00	56.57 1.71 -2.07	59.12 1.91 -4.85	74.90 2.68 -0.11	77.83 2.97 -6.99	67.98 2.80 -2.76	55.51 1.84 -12.63	55.78 2.42 -4.96	55.17 2.14 -13.91	55.47 2.30 -12.54	55.35 2.34 -12.68	55.44 2.39 -11.91	58.51 2.70 -6.94	80.38 3.77 -0.60	107.41 5.83 0.17	142.43 4.83 -59.23	249.55 5.97 -155.14	153.19 5.84 -60.73	117.34 6.22 0.00	113.17 5.01 0.00	93.73 3.94 -7.05
NYPA_VERNON____GT2 24162	78.67 3.07 0.00	77.12 2.94 0.00	72.75 2.46 0.00	56.32 1.86 0.00	54.84 1.69 -0.36	55.01 1.80 -0.85	74.80 2.68 -0.02	77.87 3.00 -6.99	67.01 2.86 -1.74	45.98 1.94 -3.00	53.03 2.59 -2.05	44.22 2.22 -2.88	45.51 2.28 -2.60	45.27 2.31 -2.63	45.86 2.36 -2.36	52.98 2.67 -1.44	79.91 3.77 -0.12	107.54 5.73 -0.06	95.32 4.67 -12.28	126.90 5.77 -32.70	106.79 5.78 -14.39	117.35 6.24 0.00	113.40 5.24 0.00	93.91 4.11 -7.05
NYPA_VERNON____GT3 24163	78.67 3.07 0.00	77.12 2.94 0.00	72.75 2.46 0.00	56.32 1.86 0.00	54.84 1.69 -0.36	55.01 1.80 -0.85	74.80 2.68 -0.02	77.87 3.00 -6.99	67.01 2.86 -1.74	45.98 1.94 -3.00	53.03 2.59 -2.05	44.22 2.22 -2.88	45.51 2.28 -2.60	45.27 2.31 -2.63	45.86 2.36 -2.36	52.98 2.67 -1.44	79.91 3.77 -0.12	107.54 5.73 -0.06	95.32 4.67 -12.28	126.90 5.77 -32.70	106.79 5.78 -14.39	117.35 6.24 0.00	113.40 5.24 0.00	93.91 4.11 -7.05
NYPA__ASTORIA_CC1 323568	78.55 2.95 0.00	77.02 2.84 0.00	72.66 2.37 0.00	56.26 1.80 0.00	54.39 1.61 0.00	54.07 1.72 0.00	74.65 2.56 0.00	77.73 2.87 -6.99	66.64 2.73 -1.49	42.91 1.87 0.00	50.92 2.52 0.00	41.27 2.15 0.00	42.83 2.19 0.00	42.56 2.23 0.00	43.28 2.27 0.14	51.42 2.55 0.00	79.59 3.58 0.00	107.25 5.50 0.00	82.82 4.46 0.00	94.70 5.57 -0.69	94.51 5.61 -2.28	117.15 6.04 0.00	113.24 5.08 0.00	93.80 4.01 -7.05
NYPA__ASTORIA_CC2 323569	78.55 2.95 0.00	77.02 2.84 0.00	72.66 2.37 0.00	56.26 1.80 0.00	54.39 1.61 0.00	54.07 1.72 0.00	74.65 2.56 0.00	77.73 2.87 -6.99	66.64 2.73 -1.49	42.91 1.87 0.00	50.92 2.52 0.00	41.27 2.15 0.00	42.83 2.19 0.00	42.56 2.23 0.00	43.28 2.27 0.14	51.42 2.55 0.00	79.59 3.58 0.00	107.25 5.50 0.00	82.82 4.46 0.00	94.70 5.57 -0.69	94.51 5.61 -2.28	117.15 6.04 0.00	113.24 5.08 0.00	93.80 4.01 -7.05
NYPA__HOLTSVILL 23794	80.58 4.98 0.00	79.01 4.83 0.00	74.51 4.21 0.00	57.57 3.11 0.00	55.78 3.00 0.00	55.55 3.19 0.00	76.64 4.54 0.00	79.60 4.74 -6.99	68.09 4.18 -1.49	43.57 2.53 0.00	52.84 3.54 -0.90	42.37 2.87 -0.39	43.38 2.74 0.00	42.87 2.54 0.00	43.73 2.72 0.14	52.53 3.66 0.00	81.81 5.80 0.00	163.34 8.51 -53.08	165.24 6.79 -80.08	140.19 8.17 -43.58	118.23 7.96 -23.64	119.89 8.78 0.00	115.55 7.39 0.00	96.60 5.95 -7.90
NYPA__HELLGATE_GT1 24158	78.60 3.00 0.00	77.03 2.85 0.00	72.65 2.35 0.00	56.23 1.78 0.00	54.37 1.59 0.00	54.09 1.73 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.69 2.79 -1.49	42.90 1.86 0.00	50.90 2.50 0.00	41.23 2.11 0.00	42.84 2.21 0.00	42.65 2.32 0.00	43.31 2.30 0.14	51.47 2.60 0.00	79.78 3.77 0.00	107.56 5.81 0.00	83.07 4.70 0.00	94.91 5.79 -0.69	94.58 5.68 -2.28	117.13 6.02 0.00	113.12 4.96 0.00	93.66 3.86 -7.05
NYPA__HELLGATE_GT2 24159	78.60 3.00 0.00	77.03 2.85 0.00	72.65 2.35 0.00	56.23 1.78 0.00	54.37 1.59 0.00	54.09 1.73 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.69 2.79 -1.49	42.90 1.86 0.00	50.90 2.50 0.00	41.23 2.11 0.00	42.84 2.21 0.00	42.65 2.32 0.00	43.31 2.30 0.14	51.47 2.60 0.00	79.78 3.77 0.00	107.56 5.81 0.00	83.07 4.70 0.00	94.91 5.79 -0.69	94.58 5.68 -2.28	117.13 6.02 0.00	113.12 4.96 0.00	93.66 3.86 -7.05
NYS_BARGE__HYD 23848	65.56 -8.32 1.73	66.23 -7.95 0.00	63.15 -7.14 0.00	48.98 -5.48 0.00	47.83 -4.96 0.00	47.93 -4.43 0.00	64.92 -7.18 0.00	59.94 -7.90 0.03	54.04 -7.19 1.19	36.32 -4.73 0.00	40.44 -5.71 2.25	33.54 -5.08 0.49	35.20 -5.43 0.00	34.69 -5.43 0.22	32.15 -5.31 3.69	40.70 -6.03 2.14	67.10 -8.89 0.03	90.34 -11.41 0.00	70.26 -8.11 0.00	76.61 -11.09 0.74	74.30 -11.48 0.84	84.11 -14.64 12.36	87.69 -12.83 7.64	67.18 -9.87 5.69

OAK ORCHARD___HYD 24046	69.46 -5.07 1.06	69.25 -4.93 0.00	65.84 -4.46 0.00	51.07 -3.39 0.00	49.77 -3.02 0.00	49.78 -2.58 0.00	68.21 -3.89 0.00	63.77 -4.10 0.01	58.32 -3.84 0.26	38.45 -2.60 0.00	44.27 -3.30 0.83	36.15 -2.86 0.11	37.54 -3.10 0.00	37.19 -3.09 0.05	36.13 -3.17 1.86	44.89 -3.52 0.47	71.29 -4.71 0.01	96.07 -5.69 0.00	74.43 -3.94 0.00	82.00 -5.64 0.80	79.78 -5.93 0.91	90.22 -7.54 13.35	93.10 -6.82 8.25	71.25 -5.35 6.14
OAKDALE___35_KV_LOAD 356122	72.23 -2.04 1.33	72.17 -2.01 0.00	68.50 -1.80 0.00	52.97 -1.49 0.00	51.55 -1.23 0.00	51.22 -1.14 0.00	70.59 -1.50 0.00	69.78 -1.46 -3.36	61.81 -1.32 -0.71	40.02 -1.02 0.00	46.76 -1.27 0.37	38.20 -1.00 -0.09	39.52 -1.11 0.00	39.29 -1.08 -0.04	39.52 -1.13 0.50	47.64 -1.23 0.00	74.33 -1.68 0.00	100.14 -1.61 0.00	77.65 -0.72 0.00	87.28 -1.19 -0.03	86.06 -1.33 -0.77	104.06 -2.09 4.97	102.88 -2.22 3.07	82.15 -1.73 -1.13
OCC_CHEM___DRP 24175	64.21 -9.57 1.82	64.89 -9.28 0.00	61.91 -8.38 0.00	48.05 -6.40 0.00	46.90 -5.89 0.00	46.98 -5.38 0.00	63.76 -8.34 0.00	58.87 -8.97 0.03	52.89 -8.25 1.28	35.74 -5.30 0.00	39.64 -6.37 2.39	33.05 -5.53 0.53	34.77 -5.86 0.00	34.24 -5.85 0.23	31.45 -5.84 3.86	39.90 -6.68 2.30	66.14 -9.85 0.03	88.74 -13.01 0.00	68.90 -9.47 0.00	75.04 -12.66 0.74	72.78 -13.01 0.84	82.26 -16.58 12.27	86.04 -14.54 7.58	66.04 -11.06 5.65
OH_GEN_PROXY 24063	65.02 -8.83 1.75	65.66 -8.51 0.00	62.60 -7.69 0.00	48.56 -5.90 0.00	47.41 -5.38 0.00	47.47 -4.89 0.00	64.47 -7.63 0.00	59.69 -8.15 0.03	53.78 -7.53 1.10	36.21 -4.83 0.00	40.36 -5.89 2.14	33.60 -5.06 0.45	35.26 -5.37 0.00	34.79 -5.34 0.20	32.23 -5.43 3.50	40.73 -6.17 1.98	66.97 -9.02 0.03	89.96 -11.79 0.00	69.84 -8.52 0.00	76.25 -11.44 0.74	74.07 -11.71 0.84	83.93 -14.79 12.38	87.45 -13.06 7.65	67.04 -10.01 5.70
OLIN_CORP_DRP 24177	64.65 -9.10 1.86	65.52 -8.65 0.00	62.50 -7.80 0.00	48.49 -5.97 0.00	47.32 -5.46 0.00	47.41 -4.95 0.00	64.01 -8.08 0.00	58.95 -8.89 0.03	53.09 -8.02 1.30	35.83 -5.22 0.00	39.75 -6.21 2.44	33.07 -5.51 0.54	34.77 -5.87 0.00	34.25 -5.84 0.24	31.53 -5.71 3.91	40.02 -6.51 2.34	66.16 -9.82 0.03	88.84 -12.91 0.00	69.03 -9.33 0.00	75.21 -12.50 0.73	72.90 -12.89 0.83	82.46 -16.48 12.16	86.19 -14.46 7.51	66.13 -11.02 5.60
OLIN_CORP_DSASP 323712	64.21 -9.57 1.82	64.89 -9.29 0.00	61.91 -8.38 0.00	48.05 -6.42 0.00	46.90 -5.88 0.00	46.99 -5.37 0.00	63.76 -8.33 0.00	58.88 -8.96 0.03	52.93 -8.21 1.28	35.75 -5.30 0.00	39.67 -6.34 2.39	33.07 -5.52 0.53	34.77 -5.86 0.00	34.26 -5.83 0.23	31.51 -5.78 3.86	39.94 -6.63 2.30	66.14 -9.84 0.03	88.75 -13.00 0.00	68.90 -9.47 0.00	75.06 -12.64 0.74	72.84 -12.94 0.84	82.39 -16.45 12.27	86.11 -14.46 7.58	66.03 -11.07 5.65
ONEIDA_HERK_LFGE 323681	76.50 0.90 0.00	74.96 0.78 0.00	71.14 0.84 0.00	55.48 1.02 0.00	53.60 0.82 0.00	53.27 0.91 0.00	73.80 1.70 0.00	69.33 1.45 0.00	63.67 1.25 0.00	41.74 0.70 0.00	49.21 0.82 0.00	39.74 0.63 0.00	41.42 0.78 0.00	41.21 0.88 0.00	41.72 0.97 0.40	49.76 0.88 0.00	77.52 1.51 0.00	103.95 2.20 0.00	80.09 1.72 0.00	90.12 1.79 0.11	88.46 1.97 0.13	112.01 2.78 1.88	109.22 2.22 1.16	83.44 1.55 0.86
ONEIDA___115KV_TB4 55905	76.61 1.01 0.00	75.19 1.01 0.00	71.37 1.08 0.00	55.41 0.95 0.00	53.76 0.97 0.00	53.49 1.13 0.00	74.02 1.92 0.00	69.69 1.82 0.00	64.05 1.63 0.00	41.98 0.94 0.00	49.49 1.09 0.00	39.89 0.77 0.00	41.40 0.76 0.00	41.19 0.86 0.00	41.43 0.96 0.68	50.02 1.15 0.00	78.10 2.08 0.00	104.60 2.85 0.00	80.73 2.36 0.00	90.64 2.44 0.24	88.66 2.31 0.27	109.89 2.73 3.95	107.95 2.23 2.44	82.45 1.52 1.82
ONONDAGA_REF_OCCRA 23987	73.60 -2.55 -0.55	71.69 -2.49 0.00	68.01 -2.29 0.00	52.67 -1.79 0.00	51.18 -1.60 0.00	50.91 -1.45 0.00	70.18 -1.92 0.00	66.06 -1.81 0.00	60.75 -1.67 0.00	39.83 -1.21 0.00	47.13 -1.53 -0.26	37.87 -1.25 0.00	39.25 -1.38 0.00	38.96 -1.37 0.00	38.52 -1.38 1.25	47.34 -1.53 0.00	74.00 -2.02 0.00	99.54 -2.22 0.00	76.97 -1.40 0.00	86.10 -1.95 0.39	84.10 -2.07 0.45	101.61 -2.92 6.57	101.03 -3.07 4.06	77.29 -2.43 3.03
ONONDAGA___COGEN 23986	72.65 -2.95 0.00	71.28 -2.90 0.00	67.61 -2.69 0.00	52.37 -2.09 0.00	50.89 -1.89 0.00	50.61 -1.75 0.00	69.74 -2.36 0.00	65.65 -2.22 0.00	60.36 -2.05 0.00	39.56 -1.48 0.00	46.55 -1.85 0.00	37.61 -1.51 0.00	38.99 -1.64 0.00	38.71 -1.62 0.00	38.18 -1.65 1.32	47.00 -1.87 0.00	73.50 -2.52 0.00	98.88 -2.87 0.00	76.44 -1.93 0.00	85.65 -2.53 0.25	83.67 -2.66 0.29	103.19 -3.67 4.25	101.78 -3.75 2.63	77.81 -2.98 1.96
ONTARIO___LFGE 23819	68.18 -3.13 4.29	71.24 -2.94 0.00	67.62 -2.68 0.00	52.28 -2.18 0.00	51.19 -1.60 0.00	51.18 -1.18 0.00	70.52 -1.58 0.00	67.82 -1.62 -1.56	62.89 -1.42 -1.88	39.90 -1.14 0.00	46.33 -2.06 0.01	37.98 -1.83 -0.69	38.54 -2.09 0.00	38.53 -2.10 -0.30	41.15 -2.36 -2.35	49.73 -2.71 -3.57	73.10 -2.96 -0.05	99.67 -2.08 0.00	78.14 -0.23 0.00	87.00 -1.11 0.33	84.66 -1.59 0.38	101.40 -4.17 5.54	100.46 -4.28 3.42	77.78 -2.42 2.55
ORANGEVILLE_WT_PWR 323706	63.78 -8.91 2.91	65.67 -8.50 0.00	62.52 -7.78 0.00	48.41 -6.04 0.00	47.28 -5.50 0.00	47.37 -4.99 0.00	64.60 -7.50 0.00	61.70 -7.82 -1.65	50.43 -7.32 4.67	36.12 -4.93 0.00	34.85 -6.13 7.41	31.83 -5.21 2.08	35.12 -5.51 0.00	33.98 -5.45 0.91	24.15 -5.51 11.50	33.64 -6.16 9.07	67.36 -8.53 0.12	91.91 -9.84 0.00	71.96 -6.41 0.00	79.31 -8.68 0.46	77.58 -8.91 0.13	88.75 -11.87 10.49	91.09 -10.58 6.48	71.86 -7.86 3.03
ORANGEVILLE___ESR 323794	63.78 -8.91 2.91	65.67 -8.50 0.00	62.52 -7.78 0.00	48.41 -6.04 0.00	47.28 -5.50 0.00	47.37 -4.99 0.00	64.60 -7.50 0.00	61.70 -7.82 -1.65	50.43 -7.32 4.67	36.12 -4.93 0.00	34.85 -6.13 7.41	31.83 -5.21 2.08	35.12 -5.51 0.00	33.98 -5.45 0.91	24.15 -5.51 11.50	33.64 -6.16 9.07	67.36 -8.53 0.12	91.91 -9.84 0.00	71.96 -6.41 0.00	79.31 -8.68 0.46	77.58 -8.91 0.13	88.75 -11.87 10.49	91.09 -10.58 6.48	71.86 -7.86 3.03
OSWEGATCHIE___HYD 24044	76.24 0.64 0.00	74.55 0.38 0.00	70.74 0.45 0.00	55.24 0.78 0.00	53.30 0.52 0.00	53.10 0.74 0.00	73.60 1.50 0.00	68.64 0.76 0.00	62.91 0.50 0.00	41.45 0.41 0.00	48.77 0.37 0.00	39.40 0.28 0.00	41.07 0.44 0.00	40.84 0.52 0.00	41.30 0.54 0.40	49.09 0.22 0.00	75.98 -0.03 0.00	101.30 -0.45 0.00	77.84 -0.52 0.00	87.56 -0.88 0.00	86.34 -0.28 0.00	112.25 1.14 0.00	109.69 1.53 0.00	84.02 1.27 0.00
OSWEGO___5 23606	72.17 -3.43 0.00	70.83 -3.35 0.00	67.18 -3.12 0.00	52.03 -2.43 0.00	50.53 -2.25 0.00	50.20 -2.16 0.00	69.11 -2.99 0.00	65.02 -2.85 0.00	59.80 -2.61 0.00	39.25 -1.79 0.00	46.22 -2.17 0.00	37.35 -1.77 0.00	38.74 -1.89 0.00	38.45 -1.87 0.00	37.63 -1.90 1.62	46.65 -2.22 0.00	72.78 -3.23 0.00	97.77 -3.99 0.00	75.49 -2.88 0.00	86.09 -3.54 -1.20	84.41 -3.56 -1.36	126.36 -4.70 -19.95	115.81 -4.68 -12.33	88.33 -3.60 -9.19

OSWEGO___6 23613	72.17 -3.43 0.00	70.83 -3.35 0.00	67.18 -3.12 0.00	52.03 -2.43 0.00	50.53 -2.25 0.00	50.20 -2.16 0.00	69.11 -2.99 0.00	65.02 -2.85 0.00	59.80 -2.61 0.00	39.25 -1.79 0.00	46.22 -2.17 0.00	37.35 -1.77 0.00	38.74 -1.89 0.00	38.45 -1.87 0.00	37.63 -1.90 1.62	46.65 -2.22 0.00	72.78 -3.23 0.00	97.77 -3.99 0.00	75.49 -2.88 0.00	86.09 -3.54 -1.20	84.41 -3.56 -1.36	126.36 -4.70 -19.95	115.81 -4.68 -12.33	88.33 -3.60 -9.19
OUTOKUMPU-AB___DRP 24206	65.76 -7.94 1.89	66.54 -7.63 0.00	63.43 -6.87 0.00	49.17 -5.29 0.00	48.01 -4.78 0.00	48.12 -4.24 0.00	65.34 -6.76 0.00	60.44 -7.40 0.03	54.25 -6.80 1.36	36.65 -4.39 0.00	40.51 -5.37 2.52	33.82 -4.74 0.56	35.58 -5.06 0.00	35.05 -5.03 0.25	32.07 -5.06 4.02	40.78 -5.64 2.45	67.79 -8.19 0.03	91.29 -10.46 0.00	71.00 -7.37 0.00	77.43 -10.29 0.72	75.07 -10.72 0.82	85.25 -13.77 12.09	88.70 -11.99 7.47	68.00 -9.18 5.57
OXBOW___BTM 323836	64.85 -8.89 1.86	65.57 -8.60 0.00	62.52 -7.77 0.00	48.49 -5.97 0.00	47.35 -5.43 0.00	47.44 -4.92 0.00	64.42 -7.67 0.00	59.54 -8.30 0.03	53.48 -7.61 1.32	36.12 -4.92 0.00	40.02 -5.92 2.46	33.38 -5.20 0.55	35.10 -5.53 0.00	34.59 -5.51 0.24	31.74 -5.47 3.94	40.28 -6.22 2.37	66.84 -9.15 0.03	89.83 -11.92 0.00	69.83 -8.54 0.00	76.10 -11.61 0.73	73.81 -11.98 0.83	83.70 -15.23 12.18	87.24 -13.39 7.52	66.85 -10.29 5.61
OXBOW____ 24026	64.84 -8.91 1.86	65.58 -8.60 0.00	62.52 -7.78 0.00	48.49 -5.97 0.00	47.36 -5.43 0.00	47.43 -4.93 0.00	64.42 -7.68 0.00	59.54 -8.31 0.03	53.45 -7.64 1.32	36.12 -4.92 0.00	39.98 -5.96 2.46	33.35 -5.22 0.55	35.10 -5.53 0.00	34.58 -5.52 0.24	31.67 -5.54 3.94	40.25 -6.25 2.37	66.84 -9.15 0.03	89.83 -11.92 0.00	69.82 -8.55 0.00	76.07 -11.63 0.73	73.77 -12.02 0.83	83.56 -15.37 12.18	87.16 -13.48 7.52	66.83 -10.31 5.61
OXY_CHEM_DSASP 323612	64.21 -9.57 1.82	64.89 -9.28 0.00	61.91 -8.38 0.00	48.05 -6.40 0.00	46.90 -5.89 0.00	46.98 -5.38 0.00	63.76 -8.34 0.00	58.87 -8.97 0.03	52.89 -8.25 1.28	35.74 -5.30 0.00	39.64 -6.37 2.39	33.05 -5.53 0.53	34.77 -5.86 0.00	34.24 -5.85 0.23	31.45 -5.84 3.86	39.90 -6.68 2.30	66.14 -9.85 0.03	88.74 -13.01 0.00	68.90 -9.47 0.00	75.04 -12.66 0.74	72.78 -13.01 0.84	82.26 -16.58 12.27	86.04 -14.54 7.58	66.04 -11.06 5.65
OZONE_PARK_ESR 323760	79.13 3.53 0.00	77.54 3.37 0.00	73.13 2.84 0.00	56.62 2.16 0.00	54.77 1.98 0.00	54.49 2.13 0.00	75.24 3.14 0.00	78.35 3.49 -6.99	67.21 3.30 -1.49	43.23 2.19 0.00	51.26 2.86 0.00	41.59 2.47 0.00	43.15 2.52 0.00	42.89 2.56 0.00	43.65 2.64 0.14	51.93 3.06 0.00	80.41 4.40 0.00	108.40 6.64 0.00	83.72 5.35 0.00	95.65 6.53 -0.69	95.36 6.46 -2.28	118.19 7.08 0.00	114.18 6.02 0.00	94.50 4.70 -7.05
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	64.21 -9.57 1.82	64.89 -9.28 0.00	61.91 -8.38 0.00	48.05 -6.40 0.00	46.90 -5.89 0.00	46.98 -5.38 0.00	63.76 -8.34 0.00	58.87 -8.97 0.03	52.89 -8.25 1.28	35.74 -5.30 0.00	39.64 -6.37 2.39	33.05 -5.53 0.53	34.77 -5.86 0.00	34.24 -5.85 0.23	31.45 -5.84 3.86	39.90 -6.68 2.30	66.14 -9.85 0.03	88.74 -13.01 0.00	68.90 -9.47 0.00	75.04 -12.66 0.74	72.78 -13.01 0.84	82.26 -16.58 12.27	86.04 -14.54 7.58	66.04 -11.06 5.65
PACKARD__115KV_DUPONT_184 80571	64.21 -9.57 1.82	64.89 -9.28 0.00	61.91 -8.38 0.00	48.05 -6.40 0.00	46.90 -5.89 0.00	46.98 -5.38 0.00	63.76 -8.34 0.00	58.87 -8.97 0.03	52.89 -8.25 1.28	35.74 -5.30 0.00	39.64 -6.37 2.39	33.05 -5.53 0.53	34.77 -5.86 0.00	34.24 -5.85 0.23	31.45 -5.84 3.86	39.90 -6.68 2.30	66.14 -9.85 0.03	88.74 -13.01 0.00	68.90 -9.47 0.00	75.04 -12.66 0.74	72.78 -13.01 0.84	82.26 -16.58 12.27	86.04 -14.54 7.58	66.04 -11.06 5.65
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	78.46 2.87 0.00	76.84 2.67 0.00	72.48 2.18 0.00	56.13 1.66 0.00	54.27 1.48 0.00	53.98 1.63 0.00	74.54 2.44 0.00	77.66 2.79 -6.99	66.57 2.67 -1.49	42.82 1.78 0.00	50.80 2.40 0.00	41.15 2.03 0.00	42.75 2.12 0.00	42.53 2.20 0.00	43.21 2.20 0.14	51.37 2.50 0.00	79.61 3.60 0.00	107.34 5.58 0.00	82.91 4.54 0.00	94.72 5.59 -0.69	94.41 5.51 -2.28	116.95 5.84 0.00	112.92 4.76 0.00	93.54 3.74 -7.05
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	78.61 3.01 0.00	77.01 2.84 0.00	72.62 2.33 0.00	56.28 1.82 0.00	54.45 1.67 0.00	54.19 1.83 0.00	74.82 2.72 0.00	77.95 3.08 -6.99	66.78 2.88 -1.49	42.93 1.88 0.00	50.87 2.48 0.00	41.15 2.03 0.00	42.76 2.13 0.00	42.53 2.20 0.00	43.21 2.20 0.14	51.38 2.51 0.00	79.72 3.70 0.00	107.47 5.72 0.00	82.98 4.61 0.00	94.84 5.72 -0.69	94.50 5.61 -2.28	116.97 5.86 0.00	112.99 4.83 0.00	93.62 3.82 -7.05
PATROON__115KV_TB1 80586	78.33 2.73 0.00	76.92 2.75 0.00	72.86 2.56 0.00	56.44 1.98 0.00	54.67 1.89 0.00	54.08 1.72 0.00	74.20 2.10 0.00	117.67 2.26 -47.54	74.68 2.14 -10.12	42.49 1.45 0.00	50.28 1.88 0.00	40.70 1.58 0.00	42.32 1.68 0.00	42.00 1.67 0.00	42.72 1.67 0.10	50.64 1.77 0.00	78.75 2.73 0.00	105.57 3.81 0.00	81.23 2.87 0.00	96.77 3.56 -4.77	106.19 3.71 -15.86	115.35 4.24 0.00	111.98 3.82 0.00	135.18 3.35 -49.09
PATTRSNVILLE__SOLAR 323815	78.48 2.88 0.00	77.04 2.87 0.00	72.98 2.69 0.00	56.56 2.10 0.00	54.82 2.03 0.00	54.36 2.00 0.00	75.02 2.92 0.00	150.63 2.88 -79.88	81.92 2.50 -17.00	42.52 1.48 0.00	50.07 1.67 0.00	40.36 1.25 0.00	41.98 1.35 0.00	41.66 1.33 0.00	42.61 1.57 0.11	50.78 1.91 0.00	79.24 3.23 0.00	106.61 4.86 0.00	82.22 3.85 0.00	100.64 4.33 -7.87	116.99 4.19 -26.18	116.06 4.96 0.00	112.66 4.50 0.00	167.22 3.47 -81.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	66.81 -6.57 2.21	67.83 -6.34 0.00	64.66 -5.64 0.00	50.09 -4.36 0.00	49.01 -3.78 0.00	49.11 -3.25 0.00	66.75 -5.35 0.00	62.01 -5.83 0.03	55.63 -5.38 1.41	37.55 -3.49 0.00	41.33 -4.34 2.72	34.73 -3.81 0.58	36.56 -4.07 0.00	36.01 -4.06 0.25	32.94 -4.13 4.08	41.80 -4.54 2.52	69.51 -6.47 0.03	93.74 -8.02 0.00	73.02 -5.35 0.00	80.00 -7.76 0.68	77.65 -8.19 0.78	88.63 -11.08 11.40	91.47 -9.65 7.04	70.14 -7.36 5.25
PAWLING_115_KV_BK3_REV_LBMP_H 345028	79.37 3.78 0.00	77.85 3.68 0.00	73.53 3.24 0.00	56.92 2.46 0.00	55.13 2.34 0.00	54.78 2.42 0.00	75.69 3.59 0.00	78.87 3.80 -7.19	67.44 3.50 -1.53	43.26 2.22 0.00	51.20 2.80 0.00	41.43 2.31 0.00	43.01 2.37 0.00	42.73 2.41 0.00	43.50 2.49 0.14	51.85 2.98 0.00	80.59 4.57 0.00	108.67 6.92 0.00	83.94 5.57 0.00	95.78 6.64 -0.71	95.47 6.50 -2.35	118.40 7.29 0.00	114.49 6.34 0.00	94.90 4.88 -7.27
PEEKSKILL____ 23653	78.18 2.57 0.00	76.67 2.50 0.00	72.40 2.11 0.00	56.04 1.58 0.00	54.23 1.45 0.00	53.89 1.53 0.00	74.34 2.25 0.00	77.32 2.53 -6.91	66.25 2.36 -1.47	42.54 1.50 0.00	50.39 1.99 0.00	40.84 1.72 0.00	42.39 1.76 0.00	42.11 1.78 0.00	42.87 1.86 0.14	51.06 2.19 0.00	79.20 3.19 0.00	106.69 4.94 0.00	82.32 3.95 0.00	93.97 4.85 -0.68	93.69 4.81 -2.25	116.23 5.12 0.00	112.40 4.24 0.00	93.09 3.37 -6.98

PGE MADISON___WINDPWR 24146	80.80 2.03 -3.17	74.97 0.79 0.00	70.89 0.59 0.00	54.41 -0.05 0.00	53.04 0.25 0.00	53.12 0.76 0.00	73.72 1.62 0.00	74.65 1.96 -4.81	65.19 1.41 -1.36	41.43 0.39 0.00	50.45 0.20 -1.85	39.40 0.16 -0.13	40.54 -0.10 0.00	40.33 -0.05 -0.05	40.78 -0.16 0.21	49.69 0.31 -0.51	78.10 2.08 -0.01	107.23 5.48 0.00	83.55 5.19 0.00	94.23 5.58 -0.21	93.01 5.11 -1.28	113.27 6.57 4.41	111.22 5.78 2.72	89.80 4.20 -2.86
PIERCEFIELD___HYD 23852	77.64 2.04 0.00	75.95 1.78 0.00	72.01 1.71 0.00	55.95 1.49 0.00	54.05 1.26 0.00	53.91 1.55 0.00	74.46 2.37 0.00	69.36 1.49 0.00	63.56 1.14 0.00	42.17 1.13 0.00	49.65 1.26 0.00	40.08 0.96 0.00	41.67 1.04 0.00	41.37 1.04 0.00	41.93 1.00 0.22	49.81 0.94 0.00	76.68 0.66 0.00	101.66 -0.09 0.00	77.88 -0.49 0.00	87.58 -0.86 0.00	86.29 -0.33 0.00	112.45 1.34 0.00	110.75 2.59 0.00	85.13 2.38 0.00
PINELAWN_CC_1 323563	80.31 4.71 0.00	78.71 4.54 0.00	74.25 3.96 0.00	57.37 2.91 0.00	55.57 2.79 0.00	55.31 2.95 0.00	76.32 4.23 0.00	79.32 4.46 -6.99	67.89 3.98 -1.49	43.50 2.45 0.00	52.73 3.43 -0.90	42.30 2.80 -0.39	43.34 2.70 0.00	42.84 2.51 0.00	43.68 2.67 0.14	52.38 3.50 0.00	81.50 5.49 0.00	163.03 8.20 -53.07	165.05 6.60 -80.08	139.89 7.88 -43.58	117.98 7.72 -23.64	119.64 8.53 0.00	115.37 7.21 0.00	96.46 5.82 -7.90
PJM_GEN_HTP_PROXY 323702	78.46 2.86 0.00	76.91 2.74 0.00	72.59 2.30 0.00	56.21 1.74 0.00	54.36 1.58 0.00	54.03 1.68 0.00	75.56 2.48 -0.99	78.58 2.82 -7.90	66.56 2.66 -1.49	42.81 1.77 0.00	50.76 2.36 0.00	41.16 2.05 0.00	42.73 2.10 0.00	42.46 2.13 0.00	43.20 2.19 0.14	51.41 2.53 0.00	79.61 3.60 0.00	107.23 5.48 0.00	82.78 4.42 0.00	94.55 5.43 -0.69	94.30 5.40 -2.28	116.91 5.80 0.00	112.99 4.83 0.00	93.63 3.84 -7.05
PJM_GEN_KEystone 24065	72.02 -2.37 1.20	71.82 -2.35 0.00	34.85 -2.22 33.22	36.69 -1.77 15.99	39.52 -1.57 11.70	50.98 -1.38 0.00	70.80 -2.06 -0.76	71.38 -1.91 -5.42	61.28 -1.82 -0.68	30.99 -1.26 8.79	37.36 -1.42 9.62	35.19 -1.05 2.88	37.31 -1.13 2.19	38.62 -1.09 0.63	34.57 -1.09 5.49	37.37 -1.22 10.28	73.96 -2.05 0.01	99.56 -2.19 0.00	77.14 -1.23 0.00	86.94 -1.64 -0.14	86.02 -1.74 -1.13	45.90 -2.83 62.38	38.76 -2.85 66.56	41.01 -2.12 39.62
PJM_GEN_NEPTUNE_PROXY 323594	79.11 3.52 0.00	77.58 3.41 0.00	73.18 2.89 0.00	56.59 2.13 0.00	54.79 2.00 0.00	54.47 2.12 0.00	76.10 3.02 -0.99	79.05 3.28 -7.89	66.93 3.03 -1.49	42.92 1.88 0.00	51.58 2.71 -0.48	41.62 2.30 -0.20	42.89 2.26 0.00	42.42 2.09 0.00	43.22 2.21 0.14	51.66 2.79 0.00	80.26 4.25 0.00	136.39 6.42 -28.21	126.10 5.17 -42.56	118.22 6.30 -23.48	106.48 6.23 -13.64	117.82 6.71 0.00	113.72 5.56 0.00	94.86 4.61 -7.50
PJM_GEN_VFT_PROXY 323633	77.95 2.35 0.00	76.36 2.18 0.00	72.02 1.73 0.00	55.77 1.31 0.00	53.94 1.15 0.00	53.62 1.26 0.00	71.68 1.85 2.27	78.01 2.24 -7.89	65.97 2.13 -1.42	40.22 1.46 2.28	45.05 2.00 5.34	40.90 1.78 0.00	42.36 1.82 0.10	42.19 1.86 0.00	42.86 1.92 0.21	51.05 2.18 0.00	79.01 3.01 0.01	106.49 4.73 0.00	82.16 3.79 0.00	93.91 4.78 -0.69	93.68 4.78 -2.28	116.12 5.01 0.00	112.21 4.05 0.00	93.06 3.27 -7.05
PLATSBURG_115KV_PMLD1 355749	76.59 0.98 0.00	74.77 0.59 0.00	70.67 0.38 0.00	54.67 0.22 0.00	52.77 -0.02 0.00	52.62 0.26 0.00	72.35 0.25 0.00	51.59 0.00 16.28	-28.90 -0.40 90.92	-13.88 -0.04 54.88	5.67 -0.11 42.62	28.28 -0.17 10.67	40.48 -0.15 0.00	40.21 -0.12 0.00	40.99 -0.09 0.08	49.10 0.23 0.00	76.76 0.74 0.00	102.93 1.18 0.00	78.87 0.51 0.00	88.30 -0.14 0.00	86.57 -0.05 0.00	111.50 0.39 0.00	109.80 1.65 0.00	84.45 1.71 0.00
PLEASANTVLY___LBMP 24000	78.30 2.70 0.00	76.83 2.65 0.00	72.62 2.33 0.00	56.21 1.75 0.00	54.41 1.62 0.00	54.00 1.64 0.00	74.46 2.37 0.00	77.86 2.61 -7.38	66.43 2.44 -1.57	42.58 1.54 0.00	50.42 2.02 0.00	40.85 1.73 0.00	42.44 1.80 0.00	42.16 1.83 0.00	42.91 1.89 0.13	51.06 2.19 0.00	79.23 3.21 0.00	106.67 4.92 0.00	82.34 3.97 0.00	93.99 4.83 -0.72	93.80 4.78 -2.40	116.27 5.16 0.00	112.50 4.34 0.00	93.65 3.47 -7.43
PLSNTVLE_13_KV_13.8KVDIST 80602	78.55 2.95 0.00	77.01 2.84 0.00	72.77 2.48 0.00	56.31 1.86 0.00	54.50 1.71 0.00	54.13 1.78 0.00	74.71 2.61 0.00	77.80 2.90 -7.03	66.63 2.72 -1.50	42.78 1.74 0.00	50.70 2.30 0.00	41.08 1.97 0.00	42.65 2.02 0.00	42.37 2.04 0.00	43.13 2.13 0.14	51.34 2.47 0.00	79.62 3.60 0.00	107.27 5.51 0.00	82.79 4.42 0.00	94.51 5.38 -0.69	94.24 5.33 -2.29	116.91 5.80 0.00	113.07 4.91 0.00	93.70 3.86 -7.09
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	78.55 2.95 0.00	77.01 2.84 0.00	72.77 2.48 0.00	56.31 1.86 0.00	54.50 1.71 0.00	54.13 1.78 0.00	74.71 2.61 0.00	77.80 2.90 -7.03	66.63 2.72 -1.50	42.78 1.74 0.00	50.70 2.30 0.00	41.08 1.97 0.00	42.65 2.02 0.00	42.37 2.04 0.00	43.13 2.13 0.14	51.34 2.47 0.00	79.62 3.60 0.00	107.27 5.51 0.00	82.79 4.42 0.00	94.51 5.38 -0.69	94.24 5.33 -2.29	116.91 5.80 0.00	113.07 4.91 0.00	93.70 3.86 -7.09
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	79.03 3.43 0.00	77.52 3.35 0.00	73.28 2.98 0.00	56.72 2.26 0.00	54.92 2.13 0.00	54.55 2.20 0.00	75.27 3.16 0.00	79.11 3.40 -7.84	67.22 3.14 -1.67	43.03 1.99 0.00	50.85 2.45 0.00	41.13 2.01 0.00	42.74 2.10 0.00	42.46 2.13 0.00	43.23 2.22 0.14	51.54 2.66 0.00	80.11 4.09 0.00	108.00 6.25 0.00	83.39 5.02 0.00	95.20 5.99 -0.77	95.06 5.88 -2.56	117.67 6.55 0.00	113.81 5.65 0.00	95.06 4.39 -7.93
POLETTI___ 23519	78.11 2.51 0.00	76.57 2.39 0.00	72.22 1.92 0.00	55.93 1.47 0.00	54.09 1.30 0.00	53.77 1.41 0.00	74.20 2.11 0.00	77.34 2.48 -6.99	66.27 2.37 -1.49	42.64 1.60 0.00	50.62 2.22 0.00	41.11 1.99 0.00	42.66 2.03 0.00	42.41 2.08 0.00	43.15 2.15 0.14	51.26 2.39 0.00	79.28 3.26 0.00	106.80 5.05 0.00	82.48 4.11 0.00	94.41 5.29 -0.69	94.18 5.28 -2.28	116.74 5.63 0.00	112.76 4.59 0.00	93.46 3.67 -7.05
POMONA___ESR 323819	77.87 2.27 0.00	76.35 2.18 0.00	72.13 1.83 0.00	55.81 1.36 0.00	54.00 1.22 0.00	53.68 1.32 0.00	74.04 1.94 0.00	76.85 2.27 -6.71	65.95 2.11 -1.43	42.36 1.32 0.00	50.15 1.75 0.00	40.64 1.53 0.00	42.21 1.57 0.00	41.94 1.61 0.00	42.69 1.69 0.15	50.87 1.99 0.00	78.88 2.86 0.00	106.27 4.52 0.00	81.97 3.60 0.00	93.57 4.47 -0.66	93.26 4.45 -2.19	115.78 4.67 0.00	111.98 3.82 0.00	92.56 3.04 -6.78
PORT_JEFF_3 23555	80.79 5.20 0.00	79.22 5.04 0.00	74.69 4.39 0.00	57.71 3.25 0.00	55.91 3.13 0.00	55.70 3.34 0.00	76.87 4.77 0.00	79.80 4.94 -6.99	68.27 4.37 -1.49	43.70 2.65 0.00	52.97 3.67 -0.90	42.49 2.98 -0.39	43.47 2.83 0.00	42.98 2.65 0.00	43.84 2.83 0.14	52.68 3.80 0.00	82.07 6.05 0.00	163.69 8.86 -53.08	165.49 7.04 -80.08	140.54 8.53 -43.58	118.56 8.30 -23.64	120.27 9.16 0.00	115.91 7.75 0.00	96.84 6.20 -7.90

PORT_JEFF_4 23616	81.04 5.44 0.00	79.45 5.27 0.00	74.91 4.61 0.00	57.86 3.41 0.00	56.07 3.29 0.00	55.86 3.50 0.00	77.11 5.01 0.00	80.05 5.19 -6.99	68.50 4.60 -1.49	43.83 2.79 0.00	53.13 3.83 -0.90	42.60 3.09 -0.39	43.58 2.94 0.00	43.09 2.76 0.00	43.96 2.96 0.14	52.85 3.98 0.00	82.38 6.37 0.00	164.01 9.18 -53.08	165.72 7.27 -80.08	140.93 8.91 -43.58	118.94 8.68 -23.64	120.76 9.65 0.00	116.33 8.17 0.00	97.13 6.48 -7.90
PORT_JEFF_IC 23713	81.01 5.41 0.00	79.40 5.22 0.00	74.86 4.57 0.00	57.84 3.38 0.00	56.04 3.26 0.00	55.84 3.48 0.00	77.06 4.96 0.00	80.00 5.14 -6.99	68.45 4.55 -1.49	43.79 2.74 0.00	53.10 3.80 -0.90	42.57 3.06 -0.39	43.56 2.92 0.00	43.07 2.74 0.00	43.95 2.94 0.14	52.82 3.95 0.00	82.34 6.32 0.00	163.96 9.13 -53.08	165.65 7.20 -80.08	140.88 8.86 -43.58	118.88 8.62 -23.64	120.70 9.59 0.00	116.26 8.10 0.00	97.07 6.42 -7.90
PPL_PILGRIM_ST_GT1 24216	81.10 5.50 0.00	79.46 5.28 0.00	74.92 4.62 0.00	57.89 3.44 0.00	56.10 3.31 0.00	55.84 3.48 0.00	77.11 5.01 0.00	80.01 5.15 -6.99	68.43 4.53 -1.49	43.75 2.71 0.00	53.21 3.91 -0.90	42.70 3.19 -0.39	43.72 3.09 0.00	43.22 2.89 0.00	44.06 3.05 0.14	52.90 4.02 0.00	82.27 6.26 0.00	163.97 9.14 -53.07	165.83 7.38 -80.08	140.79 8.77 -43.58	118.82 8.56 -23.64	120.64 9.53 0.00	116.37 8.20 0.00	97.18 6.53 -7.90
PPL_PILGRIM_ST_GT2 24217	81.10 5.50 0.00	79.46 5.28 0.00	74.92 4.62 0.00	57.89 3.44 0.00	56.10 3.31 0.00	55.84 3.48 0.00	77.11 5.01 0.00	80.01 5.15 -6.99	68.43 4.53 -1.49	43.75 2.71 0.00	53.21 3.91 -0.90	42.70 3.19 -0.39	43.72 3.09 0.00	43.22 2.89 0.00	44.06 3.05 0.14	52.90 4.02 0.00	82.27 6.26 0.00	163.97 9.14 -53.07	165.83 7.38 -80.08	140.79 8.77 -43.58	118.82 8.56 -23.64	120.64 9.53 0.00	116.37 8.20 0.00	97.18 6.53 -7.90
PPL_SHRM_GT3 24213	80.86 5.26 0.00	79.33 5.15 0.00	74.77 4.48 0.00	57.79 3.32 0.00	56.00 3.21 0.00	55.83 3.47 0.00	77.06 4.96 0.00	79.99 5.13 -6.99	68.38 4.47 -1.49	43.73 2.70 0.00	52.94 3.65 -0.90	42.40 2.90 -0.39	43.33 2.70 0.00	42.84 2.51 0.00	43.75 2.74 0.14	52.64 3.77 0.00	82.19 6.18 0.00	163.89 9.07 -53.08	165.56 7.11 -80.08	140.53 8.51 -43.58	118.54 8.27 -23.64	120.21 9.10 0.00	115.80 7.64 0.00	96.75 6.11 -7.90
PPL_SHRM_GT4 24214	80.86 5.26 0.00	79.33 5.15 0.00	74.77 4.48 0.00	57.79 3.32 0.00	56.00 3.21 0.00	55.83 3.47 0.00	77.06 4.96 0.00	79.99 5.13 -6.99	68.38 4.47 -1.49	43.73 2.70 0.00	52.94 3.65 -0.90	42.40 2.90 -0.39	43.33 2.70 0.00	42.84 2.51 0.00	43.75 2.74 0.14	52.64 3.77 0.00	82.19 6.18 0.00	163.89 9.07 -53.08	165.56 7.11 -80.08	140.53 8.51 -43.58	118.54 8.27 -23.64	120.21 9.10 0.00	115.80 7.64 0.00	96.75 6.11 -7.90
PROJECT___ORANGE 1 24174	72.52 -3.09 0.00	71.15 -3.02 0.00	67.52 -2.78 0.00	52.29 -2.17 0.00	50.82 -1.97 0.00	50.55 -1.81 0.00	69.65 -2.45 0.00	65.54 -2.33 0.00	60.29 -2.13 0.00	39.54 -1.50 0.00	46.55 -1.85 0.00	37.62 -1.50 0.00	39.00 -1.63 0.00	38.71 -1.62 0.00	38.26 -1.64 1.26	47.02 -1.85 0.00	73.46 -2.55 0.00	98.72 -3.03 0.00	76.31 -2.06 0.00	85.29 -2.68 0.46	83.29 -2.81 0.52	99.64 -3.82 7.65	99.51 -3.93 4.73	76.15 -3.08 3.52
PROJECT___ORANGE 2 24166	72.52 -3.09 0.00	71.15 -3.02 0.00	67.52 -2.78 0.00	52.29 -2.17 0.00	50.82 -1.97 0.00	50.55 -1.81 0.00	69.65 -2.45 0.00	65.54 -2.33 0.00	60.29 -2.13 0.00	39.54 -1.50 0.00	46.55 -1.85 0.00	37.62 -1.50 0.00	39.00 -1.63 0.00	38.71 -1.62 0.00	38.26 -1.64 1.26	47.02 -1.85 0.00	73.46 -2.55 0.00	98.72 -3.03 0.00	76.31 -2.06 0.00	85.29 -2.68 0.46	83.29 -2.81 0.52	99.64 -3.82 7.65	99.51 -3.93 4.73	76.15 -3.08 3.52
PUCKETT___SOLAR 323809	74.23 -0.94 0.43	73.05 -1.13 0.00	69.31 -0.99 0.00	53.42 -1.04 0.00	51.99 -0.79 0.00	51.74 -0.62 0.00	71.44 -0.66 0.00	71.39 -0.56 -4.07	62.63 -0.66 -0.87	40.29 -0.75 0.00	47.43 -1.01 -0.04	38.34 -0.86 -0.08	39.69 -0.94 0.00	39.31 -1.06 -0.03	39.52 -1.15 0.47	47.84 -1.03 0.00	75.20 -0.81 0.00	102.03 0.28 0.00	79.22 0.85 0.00	89.10 0.53 -0.12	87.98 0.33 -1.02	106.68 0.19 4.61	105.18 -0.13 2.85	84.58 -0.18 -2.01
PYRITES___HYD 24023	79.23 3.62 0.00	77.53 3.36 0.00	73.50 3.20 0.00	57.07 2.60 0.00	55.16 2.38 0.00	55.07 2.71 0.00	76.11 4.01 0.00	70.91 3.03 0.00	64.89 2.47 0.00	43.00 1.96 0.00	50.59 2.19 0.00	40.85 1.73 0.00	42.49 1.85 0.00	42.17 1.84 0.00	42.74 1.79 0.20	50.80 1.92 0.00	78.33 2.32 0.00	103.98 2.23 0.00	79.68 1.32 0.00	89.53 1.09 0.00	88.04 1.42 0.00	114.65 3.54 0.00	112.89 4.73 0.00	86.69 3.95 0.00
QUAKERRD_115KV_BK1 80622	68.78 -6.01 0.82	68.34 -5.84 0.00	64.93 -5.36 0.00	50.37 -4.10 0.00	49.04 -3.75 0.00	48.97 -3.38 0.00	67.23 -4.87 0.00	62.93 -4.93 0.01	57.54 -4.61 0.27	37.96 -3.08 0.00	43.84 -3.83 0.73	35.76 -3.24 0.12	37.15 -3.48 0.00	36.79 -3.48 0.05	35.66 -3.59 1.90	44.33 -4.04 0.50	70.43 -5.57 0.01	94.75 -7.00 0.00	73.34 -5.02 0.00	80.98 -6.64 0.81	78.82 -6.87 0.92	88.71 -8.83 13.57	91.59 -8.18 8.39	70.10 -6.40 6.25
QUEENSBRY_115KV_TB8 356137	81.53 5.93 0.00	79.95 5.77 0.00	75.80 5.51 0.00	59.02 4.56 0.00	57.25 4.47 0.00	56.88 4.53 0.00	78.64 6.54 0.00	149.76 6.53 -75.35	84.33 5.87 -16.04	44.69 3.65 0.00	52.68 4.28 0.00	42.55 3.43 0.00	44.13 3.49 0.00	43.80 3.47 0.00	44.61 3.56 0.10	53.13 4.25 0.00	82.79 6.77 0.00	111.71 9.96 0.00	86.13 7.77 0.00	104.70 8.88 -7.38	119.61 8.44 -24.55	121.21 10.10 0.00	117.30 9.14 0.00	165.78 7.07 -75.97
RAMAPO___LBMP 323565	77.67 2.07 0.00	76.19 2.02 0.00	71.97 1.68 0.00	55.68 1.22 0.00	53.88 1.10 0.00	53.55 1.19 0.00	73.84 1.75 0.00	76.64 2.08 -6.68	65.77 1.93 -1.42	42.23 1.19 0.00	49.99 1.60 0.00	40.50 1.39 0.00	42.07 1.43 0.00	41.79 1.47 0.00	42.55 1.55 0.15	50.70 1.82 0.00	78.61 2.60 0.00	105.91 4.15 0.00	81.72 3.35 0.00	93.29 4.20 -0.66	92.96 4.16 -2.18	115.44 4.33 0.00	111.65 3.49 0.00	92.29 2.79 -6.75
RANKINE____ 23646	65.94 -7.51 2.15	66.96 -7.21 0.00	63.85 -6.45 0.00	49.44 -5.01 0.00	48.34 -4.45 0.00	48.45 -3.91 0.00	65.86 -6.24 0.00	61.06 -6.78 0.04	54.50 -6.28 1.64	36.99 -4.05 0.00	40.37 -5.05 2.97	34.03 -4.41 0.67	35.98 -4.66 0.00	35.38 -4.65 0.30	31.83 -4.76 4.56	40.70 -5.23 2.94	68.56 -7.41 0.04	92.55 -9.20 0.00	72.09 -6.28 0.00	78.82 -8.92 0.70	76.52 -9.31 0.79	87.36 -12.14 11.60	90.39 -10.60 7.17	69.36 -8.04 5.34
RAVENSWOOD_GT2_1 24244	78.46 2.86 0.00	76.91 2.73 0.00	72.57 2.28 0.00	56.20 1.74 0.00	54.35 1.57 0.00	54.03 1.68 0.00	74.58 2.48 0.00	77.67 2.81 -6.99	66.56 2.66 -1.49	42.82 1.78 0.00	50.78 2.38 0.00	41.20 2.08 0.00	42.75 2.12 0.00	42.50 2.17 0.00	43.25 2.24 0.14	51.42 2.55 0.00	79.61 3.59 0.00	107.25 5.50 0.00	82.81 4.44 0.00	94.61 5.49 -0.69	94.35 5.45 -2.28	116.99 5.88 0.00	113.06 4.90 0.00	93.67 3.87 -7.05

RAVENSWOOD_GT2_2 24245	78.46 2.86 0.00	76.91 2.73 0.00	72.57 2.28 0.00	56.20 1.74 0.00	54.35 1.57 0.00	54.03 1.68 0.00	74.58 2.48 0.00	77.67 2.81 -6.99	66.56 2.66 -1.49	42.82 1.78 0.00	50.78 2.38 0.00	41.20 2.08 0.00	42.75 2.12 0.00	42.50 2.17 0.00	43.25 2.24 0.14	51.42 2.55 0.00	79.61 3.59 0.00	107.25 5.50 0.00	82.81 4.44 0.00	94.61 5.49 -0.69	94.35 5.45 -2.28	116.99 5.88 0.00	113.06 4.90 0.00	93.67 3.87 -7.05
RAVENSWOOD_GT2_3 24246	78.49 2.89 0.00	76.95 2.77 0.00	72.62 2.32 0.00	56.22 1.76 0.00	54.39 1.60 0.00	54.07 1.71 0.00	74.62 2.52 0.00	77.72 2.86 -6.99	66.61 2.71 -1.49	42.85 1.81 0.00	50.82 2.43 0.00	41.20 2.09 0.00	42.78 2.15 0.00	42.52 2.19 0.00	43.28 2.27 0.14	51.45 2.58 0.00	79.65 3.64 0.00	107.32 5.57 0.00	82.87 4.50 0.00	94.68 5.55 -0.69	94.41 5.51 -2.28	117.07 5.96 0.00	113.10 4.94 0.00	93.71 3.91 -7.05
RAVENSWOOD_GT2_4 24247	78.49 2.89 0.00	76.95 2.77 0.00	72.62 2.32 0.00	56.22 1.76 0.00	54.39 1.60 0.00	54.07 1.71 0.00	74.62 2.52 0.00	77.72 2.86 -6.99	66.61 2.71 -1.49	42.85 1.81 0.00	50.82 2.43 0.00	41.20 2.09 0.00	42.78 2.15 0.00	42.52 2.19 0.00	43.28 2.27 0.14	51.45 2.58 0.00	79.65 3.64 0.00	107.32 5.57 0.00	82.87 4.50 0.00	94.68 5.55 -0.69	94.41 5.51 -2.28	117.07 5.96 0.00	113.10 4.94 0.00	93.71 3.91 -7.05
RAVENSWOOD_GT3_1 24248	78.46 2.86 0.00	76.91 2.73 0.00	72.57 2.28 0.00	56.20 1.74 0.00	54.36 1.57 0.00	54.03 1.68 0.00	74.58 2.48 0.00	77.67 2.81 -6.99	66.56 2.66 -1.49	42.82 1.78 0.00	50.78 2.38 0.00	41.20 2.08 0.00	42.76 2.12 0.00	42.50 2.17 0.00	43.25 2.24 0.14	51.42 2.55 0.00	79.61 3.59 0.00	107.26 5.51 0.00	82.81 4.44 0.00	94.62 5.50 -0.69	94.35 5.45 -2.28	116.99 5.88 0.00	113.06 4.90 0.00	93.67 3.87 -7.05
RAVENSWOOD_GT3_2 24249	78.46 2.86 0.00	76.91 2.73 0.00	72.57 2.28 0.00	56.20 1.74 0.00	54.36 1.57 0.00	54.03 1.68 0.00	74.58 2.48 0.00	77.67 2.81 -6.99	66.56 2.66 -1.49	42.82 1.78 0.00	50.78 2.38 0.00	41.20 2.08 0.00	42.76 2.12 0.00	42.50 2.17 0.00	43.25 2.24 0.14	51.42 2.55 0.00	79.61 3.59 0.00	107.26 5.51 0.00	82.81 4.44 0.00	94.62 5.50 -0.69	94.35 5.45 -2.28	116.99 5.88 0.00	113.06 4.90 0.00	93.67 3.87 -7.05
RAVENSWOOD_GT3_3 24250	78.57 2.97 0.00	77.00 2.82 0.00	72.67 2.37 0.00	56.26 1.81 0.00	54.43 1.64 0.00	54.11 1.75 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.67 2.76 -1.49	42.89 1.85 0.00	50.87 2.47 0.00	41.25 2.14 0.00	42.82 2.19 0.00	42.56 2.23 0.00	43.32 2.31 0.14	51.50 2.63 0.00	79.74 3.72 0.00	107.43 5.68 0.00	82.94 4.58 0.00	94.76 5.64 -0.69	94.51 5.61 -2.28	117.18 6.07 0.00	113.21 5.05 0.00	93.78 3.99 -7.05
RAVENSWOOD_GT3_4 24251	78.57 2.97 0.00	77.00 2.82 0.00	72.67 2.37 0.00	56.26 1.81 0.00	54.43 1.64 0.00	54.11 1.75 0.00	74.68 2.58 0.00	77.79 2.93 -6.99	66.67 2.76 -1.49	42.89 1.85 0.00	50.87 2.47 0.00	41.25 2.14 0.00	42.82 2.19 0.00	42.56 2.23 0.00	43.32 2.31 0.14	51.50 2.63 0.00	79.74 3.72 0.00	107.43 5.68 0.00	82.94 4.58 0.00	94.76 5.64 -0.69	94.51 5.61 -2.28	117.18 6.07 0.00	113.21 5.05 0.00	93.78 3.99 -7.05
RAVENSWOOD_GT_1 23729	78.67 3.07 0.00	77.12 2.94 0.00	72.75 2.46 0.00	56.32 1.86 0.00	54.84 1.70 -0.36	55.01 1.80 -0.85	74.80 2.68 -0.02	77.87 3.00 -6.99	67.00 2.85 -1.74	45.98 1.94 -3.00	53.03 2.59 -2.05	44.22 2.22 -2.88	45.51 2.28 -2.60	45.28 2.32 -2.63	45.88 2.37 -2.36	52.99 2.68 -1.44	79.91 3.77 -0.12	107.55 5.74 -0.06	95.32 4.67 -12.28	126.90 5.77 -32.70	106.79 5.78 -14.39	117.39 6.28 0.00	113.41 5.25 0.00	93.93 4.13 -7.05
RAVENSWOOD_GT_10 24258	78.47 2.87 0.00	76.91 2.74 0.00	72.58 2.28 0.00	56.21 1.74 0.00	54.41 1.58 -0.05	54.15 1.68 -0.10	74.58 2.48 0.00	77.68 2.82 -6.99	66.61 2.68 -1.52	43.20 1.78 -0.37	51.03 2.38 -0.25	41.55 2.08 -0.36	43.07 2.12 -0.32	42.82 2.17 -0.33	43.56 2.24 -0.17	51.60 2.55 -0.18	79.64 3.61 -0.02	107.29 5.53 0.00	84.34 4.45 -1.52	98.59 5.50 -4.65	95.85 5.45 -3.78	116.99 5.88 0.00	113.06 4.90 0.00	93.67 3.87 -7.05
RAVENSWOOD_GT_11 24259	78.47 2.87 0.00	76.91 2.74 0.00	72.58 2.28 0.00	56.21 1.74 0.00	54.41 1.58 -0.05	54.15 1.68 -0.10	74.58 2.48 0.00	77.68 2.82 -6.99	66.61 2.68 -1.52	43.20 1.78 -0.37	51.03 2.38 -0.25	41.55 2.08 -0.36	43.07 2.12 -0.32	42.82 2.17 -0.33	43.56 2.24 -0.17	51.60 2.55 -0.18	79.64 3.61 -0.02	107.29 5.53 0.00	84.34 4.45 -1.52	98.59 5.50 -4.65	95.85 5.45 -3.78	116.99 5.88 0.00	113.06 4.90 0.00	93.67 3.87 -7.05
RAVENSWOOD_GT_4 24252	78.43 2.83 0.00	76.88 2.70 0.00	72.55 2.26 0.00	56.19 1.73 0.00	54.61 1.56 -0.27	54.66 1.67 -0.63	74.57 2.45 -0.02	77.66 2.80 -6.99	66.74 2.65 -1.67	45.05 1.77 -2.24	52.30 2.38 -1.53	43.33 2.06 -2.15	44.69 2.12 -1.94	44.44 2.15 -1.96	45.10 2.23 -1.72	52.50 2.56 -1.07	79.71 3.61 -0.09	107.23 5.48 0.00	91.95 4.42 -9.16	118.48 5.46 -24.57	103.37 5.43 -11.32	116.96 5.85 0.00	113.01 4.85 0.00	93.64 3.85 -7.05
RAVENSWOOD_GT_5 24254	78.43 2.83 0.00	76.88 2.70 0.00	72.55 2.26 0.00	56.19 1.73 0.00	54.61 1.56 -0.27	54.66 1.67 -0.63	74.57 2.45 -0.02	77.66 2.80 -6.99	66.74 2.65 -1.67	45.05 1.77 -2.24	52.30 2.38 -1.53	43.33 2.06 -2.15	44.69 2.12 -1.94	44.44 2.15 -1.96	45.10 2.23 -1.72	52.50 2.56 -1.07	79.71 3.61 -0.09	107.23 5.48 0.00	91.95 4.42 -9.16	118.48 5.46 -24.57	103.37 5.43 -11.32	116.96 5.85 0.00	113.01 4.85 0.00	93.64 3.85 -7.05
RAVENSWOOD_GT_6 24253	78.43 2.83 0.00	76.88 2.70 0.00	72.55 2.26 0.00	56.19 1.73 0.00	54.61 1.56 -0.27	54.66 1.67 -0.63	74.57 2.45 -0.02	77.66 2.80 -6.99	66.74 2.65 -1.67	45.05 1.77 -2.24	52.30 2.38 -1.53	43.33 2.06 -2.15	44.69 2.12 -1.94	44.44 2.15 -1.96	45.10 2.23 -1.72	52.50 2.56 -1.07	79.71 3.61 -0.09	107.23 5.48 0.00	91.95 4.42 -9.16	118.48 5.46 -24.57	103.37 5.43 -11.32	116.96 5.85 0.00	113.01 4.85 0.00	93.64 3.85 -7.05
RAVENSWOOD_GT_7 24255	78.43 2.83 0.00	76.88 2.70 0.00	72.55 2.26 0.00	56.19 1.73 0.00	54.61 1.56 -0.27	54.66 1.67 -0.63	74.57 2.45 -0.02	77.66 2.80 -6.99	66.74 2.65 -1.67	45.05 1.77 -2.24	52.30 2.38 -1.53	43.33 2.06 -2.15	44.69 2.12 -1.94	44.44 2.15 -1.96	45.10 2.23 -1.72	52.50 2.56 -1.07	79.71 3.61 -0.09	107.23 5.48 0.00	91.95 4.42 -9.16	118.48 5.46 -24.57	103.37 5.43 -11.32	116.96 5.85 0.00	113.01 4.85 0.00	93.64 3.85 -7.05
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	78.47 2.87 0.00	76.91 2.74 0.00	72.58 2.28 0.00	56.21 1.74 0.00	54.41 1.58 -0.05	54.15 1.68 -0.10	74.58 2.48 0.00	77.68 2.82 -6.99	66.61 2.68 -1.52	43.20 1.78 -0.37	51.03 2.38 -0.25	41.55 2.08 -0.36	43.07 2.12 -0.32	42.82 2.17 -0.33	43.56 2.24 -0.17	51.60 2.55 -0.18	79.64 3.61 -0.02	107.29 5.53 0.00	84.34 4.45 -1.52	98.59 5.50 -4.65	95.85 5.45 -3.78	116.99 5.88 0.00	113.06 4.90 0.00	93.67 3.87 -7.05

RAVENSWOOD_GT_9 24257	78.47 2.87 0.00	76.91 2.74 0.00	72.58 2.28 0.00	56.21 1.74 0.00	54.41 1.58 -0.05	54.15 1.68 -0.10	74.58 2.48 0.00	77.68 2.82 -6.99	66.61 2.68 -1.52	43.20 1.78 -0.37	51.03 2.38 -0.25	41.55 2.08 -0.36	43.07 2.12 -0.32	42.82 2.17 -0.33	43.56 2.24 -0.17	51.60 2.55 -0.18	79.64 3.61 -0.02	107.29 5.53 0.00	84.34 4.45 -1.52	98.59 5.50 -4.65	95.85 5.45 -3.78	116.99 5.88 0.00	113.06 4.90 0.00	93.67 3.87 -7.05
RAVENSWOOD___1 23533	78.62 3.02 0.00	77.05 2.87 0.00	72.71 2.41 0.00	56.29 1.83 0.00	54.07 1.64 0.36	53.29 1.76 0.83	74.69 2.61 0.02	77.78 2.92 -6.99	66.41 2.74 -1.24	39.95 1.86 2.95	48.87 2.49 2.01	38.44 2.15 2.83	40.28 2.20 2.56	39.99 2.25 2.58	40.85 2.29 2.60	50.04 2.58 1.41	79.54 3.65 0.12	107.35 5.60 0.00	70.83 4.53 12.07	63.29 5.64 30.79	82.61 5.62 9.63	117.15 6.04 0.00	113.20 5.04 0.00	93.76 3.97 -7.05
RAVENSWOOD___2 23534	78.48 2.88 0.00	76.95 2.78 0.00	72.60 2.31 0.00	56.20 1.74 0.00	54.36 1.58 0.00	54.04 1.68 0.00	74.60 2.51 0.00	77.70 2.84 -6.99	66.45 2.73 -1.31	39.95 1.86 2.95	48.87 2.49 2.01	38.44 2.15 2.83	40.28 2.20 2.56	39.99 2.25 2.58	40.85 2.29 2.60	50.04 2.58 1.41	79.54 3.65 0.12	107.35 5.60 0.00	70.83 4.53 12.07	63.29 5.64 30.79	82.61 5.62 9.63	117.15 6.04 0.00	113.20 5.04 0.00	93.76 3.97 -7.05
RAVENSWOOD___3 23535	78.47 2.87 0.00	76.91 2.74 0.00	72.58 2.28 0.00	56.21 1.74 0.00	54.37 1.58 0.00	54.04 1.68 0.00	74.58 2.48 0.00	77.68 2.82 -6.99	66.58 2.67 -1.49	42.83 1.79 0.00	50.78 2.39 0.00	41.20 2.08 0.00	42.75 2.12 0.00	42.50 2.17 0.00	43.24 2.23 0.14	51.42 2.55 0.00	79.63 3.61 0.00	107.27 5.52 0.00	82.81 4.45 0.00	94.63 5.50 -0.69	94.37 5.48 -2.28	116.97 5.86 0.00	113.05 4.90 0.00	93.67 3.87 -7.05
RAVENSWOOD___4 23820	78.62 3.02 0.00	77.05 2.87 0.00	72.71 2.41 0.00	56.29 1.83 0.00	54.07 1.64 0.36	53.29 1.76 0.83	74.69 2.61 0.02	77.78 2.92 -6.99	66.41 2.74 -1.24	39.95 1.86 2.95	48.87 2.49 2.01	38.44 2.15 2.83	40.28 2.20 2.56	39.99 2.25 2.58	40.85 2.29 2.60	50.04 2.58 1.41	79.54 3.65 0.12	107.35 5.60 0.00	70.83 4.53 12.07	63.29 5.64 30.79	82.61 5.62 9.63	117.15 6.04 0.00	113.20 5.04 0.00	93.76 3.97 -7.05
RCPI_TRUST___DRP 24196	78.58 2.98 0.00	77.04 2.87 0.00	72.70 2.40 0.00	56.28 1.82 0.00	54.43 1.65 0.00	54.12 1.77 0.00	74.70 2.60 0.00	77.80 2.94 -6.99	66.68 2.78 -1.49	42.89 1.85 0.00	50.87 2.47 0.00	41.25 2.13 0.00	42.82 2.19 0.00	42.55 2.22 0.00	43.30 2.30 0.14	51.51 2.64 0.00	79.77 3.75 0.00	107.43 5.68 0.00	82.94 4.57 0.00	94.71 5.59 -0.69	94.46 5.56 -2.28	117.12 6.01 0.00	113.18 5.02 0.00	93.76 3.97 -7.05
RED___ROCHESTER 323720	70.00 -4.54 1.06	69.75 -4.42 0.00	66.30 -4.00 0.00	51.41 -3.05 0.00	50.13 -2.66 0.00	50.14 -2.22 0.00	68.75 -3.34 0.00	64.31 -3.55 0.01	58.81 -3.34 0.27	38.77 -2.27 0.00	44.64 -2.92 0.84	36.46 -2.54 0.12	37.85 -2.78 0.00	37.49 -2.78 0.05	36.41 -2.86 1.89	45.26 -3.12 0.49	71.95 -4.06 0.01	96.92 -4.83 0.00	75.13 -3.24 0.00	82.77 -4.86 0.81	80.52 -5.18 0.92	90.97 -6.65 13.48	93.82 -6.01 8.33	71.78 -4.76 6.21
REGAN___SOLAR 323812	80.31 4.71 0.00	78.72 4.55 0.00	74.57 4.27 0.00	57.78 3.32 0.00	56.04 3.26 0.00	55.75 3.40 0.00	77.15 5.06 0.00	147.40 4.87 -74.66	82.34 4.04 -15.89	43.04 2.00 0.00	50.22 1.82 0.00	40.15 1.03 0.00	41.79 1.16 0.00	41.65 1.33 0.00	43.22 2.21 0.14	51.71 2.84 0.00	81.25 5.23 0.00	109.68 7.92 0.00	84.64 6.27 0.00	102.66 6.87 -7.36	117.65 6.56 -24.47	119.18 8.07 0.00	115.70 7.54 0.00	164.10 5.63 -75.71
RENSSELAER___COGEN 23796	77.94 2.33 0.00	76.54 2.36 0.00	72.51 2.21 0.00	56.16 1.70 0.00	54.40 1.61 0.00	53.76 1.40 0.00	73.68 1.58 0.00	104.65 1.73 -35.05	71.52 1.64 -7.46	42.18 1.14 0.00	49.89 1.50 0.00	40.40 1.29 0.00	41.99 1.36 0.00	41.68 1.35 0.00	42.37 1.32 0.10	50.21 1.34 0.00	78.13 2.11 0.00	104.81 3.06 0.00	80.67 2.30 0.00	95.15 2.93 -3.78	102.31 3.13 -12.57	114.63 3.52 0.00	111.33 3.17 0.00	124.56 2.93 -38.89
REPUBLIC_115KV_BARTNBRK 55605	84.21 8.61 0.00	82.30 8.13 0.00	78.20 7.91 0.00	61.57 7.11 0.00	59.77 6.98 0.00	59.56 7.20 0.00	82.35 10.26 0.00	153.12 10.28 -74.97	87.30 8.93 -15.95	46.18 5.14 0.00	54.22 5.83 0.00	44.02 4.90 0.00	45.49 4.86 0.00	45.33 5.00 0.00	46.15 5.10 0.10	55.27 6.39 0.00	86.07 10.05 0.00	116.94 15.19 0.00	90.16 11.79 0.00	109.55 13.77 -7.34	123.79 12.75 -24.42	126.05 14.94 0.00	121.69 13.53 0.00	168.49 10.20 -75.54
REVERE_CPFR_DRP 24186	77.53 1.93 0.00	76.00 1.82 0.00	72.14 1.84 0.00	56.08 1.62 0.00	54.33 1.54 0.00	54.10 1.74 0.00	74.95 2.85 0.00	70.50 2.63 0.00	64.80 2.39 0.00	42.46 1.42 0.00	50.08 1.68 0.00	40.38 1.26 0.00	41.96 1.33 0.00	41.78 1.45 0.00	42.12 1.57 0.60	50.65 1.78 0.00	79.09 3.07 0.00	105.96 4.20 0.00	81.72 3.35 0.00	91.73 3.49 0.20	89.82 3.42 0.22	112.12 4.30 3.28	109.78 3.65 2.03	83.79 2.55 1.51
REYNOLDS_115KV_TB3 80639	78.57 2.97 0.00	77.16 2.98 0.00	73.09 2.79 0.00	56.61 2.15 0.00	54.81 2.03 0.00	54.22 1.87 0.00	74.56 2.46 0.00	116.17 2.55 -45.75	74.58 2.43 -9.73	42.63 1.59 0.00	50.40 2.01 0.00	40.84 1.72 0.00	42.46 1.83 0.00	42.12 1.79 0.00	42.87 1.82 0.10	50.90 2.02 0.00	78.74 2.73 0.00	105.67 3.92 0.00	81.38 3.01 0.00	96.36 3.66 -4.26	104.61 3.82 -14.17	115.46 4.35 0.00	112.10 3.93 0.00	129.99 3.39 -43.85
RIVERBAY____ 323610	78.61 3.01 0.00	77.01 2.84 0.00	72.62 2.33 0.00	56.28 1.82 0.00	54.45 1.67 0.00	54.19 1.83 0.00	74.82 2.72 0.00	77.95 3.08 -6.99	66.78 2.88 -1.49	42.93 1.88 0.00	50.87 2.48 0.00	41.15 2.03 0.00	42.76 2.13 0.00	42.53 2.20 0.00	43.21 2.20 0.14	51.38 2.51 0.00	79.72 3.70 0.00	107.47 5.72 0.00	82.98 4.61 0.00	94.84 5.72 -0.69	94.50 5.61 -2.28	116.97 5.86 0.00	112.99 4.83 0.00	93.62 3.82 -7.05
RIVERSIDE_115KV_TB3 55908	78.26 2.66 0.00	76.85 2.67 0.00	72.82 2.53 0.00	56.40 1.94 0.00	54.62 1.83 0.00	54.01 1.65 0.00	74.12 2.02 0.00	111.60 2.17 -41.55	73.32 2.06 -8.84	42.44 1.40 0.00	50.20 1.80 0.00	40.64 1.53 0.00	42.26 1.62 0.00	41.93 1.60 0.00	42.66 1.61 0.10	50.68 1.81 0.00	78.56 2.55 0.00	105.40 3.65 0.00	81.14 2.77 0.00	96.20 3.45 -4.31	104.59 3.63 -14.35	115.22 4.11 0.00	111.86 3.70 0.00	130.40 3.26 -44.39
ROARING___BROOK_WT_PWR 323790	75.61 0.02 0.00	74.08 -0.09 0.00	70.13 -0.17 0.00	54.37 -0.09 0.00	52.56 -0.23 0.00	52.14 -0.21 0.00	71.74 -0.36 0.00	67.39 -0.48 0.00	61.98 -0.44 0.00	40.76 -0.28 0.00	48.01 -0.39 0.00	38.74 -0.38 0.00	40.19 -0.45 0.00	39.83 -0.50 0.00	40.52 -0.57 0.06	48.21 -0.66 0.00	75.09 -0.92 0.00	100.31 -1.45 0.00	77.14 -1.23 0.00	87.00 -1.43 0.00	85.56 -1.06 0.00	110.35 -0.76 0.00	107.73 -0.43 0.00	82.57 -0.17 0.00

ROCHESRG_115KV_T4 355643	69.14 -5.42 1.05	68.93 -5.25 0.00	65.56 -4.74 0.00	50.84 -3.62 0.00	49.54 -3.25 0.00	49.52 -2.84 0.00	67.83 -4.27 0.00	63.39 -4.48 0.01	57.92 -4.19 0.31	38.25 -2.79 0.00	43.99 -3.54 0.88	35.95 -3.03 0.13	37.38 -3.25 0.00	37.01 -3.26 0.06	35.83 -3.36 1.96	44.57 -3.74 0.56	70.91 -5.10 0.01	95.47 -6.28 0.00	73.97 -4.40 0.00	81.48 -6.14 0.82	79.27 -6.42 0.93	89.28 -8.19 13.63	92.34 -7.40 8.42	70.70 -5.77 6.28
ROCHESTER_9_IC 23652	69.59 -4.96 1.06	69.36 -4.81 0.00	65.95 -4.34 0.00	51.16 -3.30 0.00	49.85 -2.94 0.00	49.85 -2.51 0.00	68.33 -3.77 0.00	63.89 -3.98 0.01	58.42 -3.73 0.27	38.53 -2.51 0.00	44.34 -3.22 0.84	36.23 -2.77 0.12	37.63 -3.01 0.00	37.26 -3.02 0.05	36.15 -3.11 1.89	44.94 -3.43 0.49	71.47 -4.54 0.01	96.23 -5.53 0.00	74.58 -3.79 0.00	82.16 -5.47 0.81	79.92 -5.78 0.92	90.21 -7.41 13.48	93.17 -6.66 8.33	71.28 -5.26 6.21
ROCKVIEW_13_KV_LD 356306	78.76 3.16 0.00	77.24 3.06 0.00	72.92 2.62 0.00	56.43 1.97 0.00	54.61 1.82 0.00	54.27 1.92 0.00	74.92 2.82 0.00	77.97 3.11 -6.99	66.82 2.92 -1.49	42.91 1.87 0.00	50.89 2.49 0.00	41.24 2.13 0.00	42.81 2.18 0.00	42.53 2.20 0.00	43.30 2.30 0.14	51.54 2.66 0.00	79.90 3.89 0.00	107.65 5.90 0.00	83.11 4.74 0.00	94.89 5.77 -0.69	94.60 5.71 -2.28	117.38 6.27 0.00	113.45 5.29 0.00	93.96 4.17 -7.05
ROME____115KV_TB2 80656	77.53 1.93 0.00	76.00 1.82 0.00	72.14 1.84 0.00	56.08 1.62 0.00	54.33 1.54 0.00	54.10 1.74 0.00	74.95 2.85 0.00	70.50 2.63 0.00	64.80 2.39 0.00	42.46 1.42 0.00	50.08 1.68 0.00	40.38 1.26 0.00	41.96 1.33 0.00	41.78 1.45 0.00	42.12 1.57 0.60	50.65 1.78 0.00	79.09 3.07 0.00	105.96 4.20 0.00	81.72 3.35 0.00	91.73 3.49 0.20	89.82 3.42 0.22	112.12 4.30 3.28	109.78 3.65 2.03	83.79 2.55 1.51
ROSETON___1 23587	78.07 2.47 0.00	76.60 2.42 0.00	72.41 2.11 0.00	56.05 1.59 0.00	54.25 1.47 0.00	53.84 1.48 0.00	74.25 2.16 0.00	77.06 2.41 -6.77	66.10 2.24 -1.44	42.46 1.42 0.00	50.25 1.86 0.00	40.72 1.60 0.00	42.28 1.65 0.00	42.00 1.67 0.00	42.74 1.74 0.14	50.90 2.03 0.00	78.99 2.98 0.00	106.36 4.60 0.00	82.07 3.70 0.00	93.63 4.53 -0.66	93.31 4.48 -2.21	115.91 4.80 0.00	112.15 3.99 0.00	92.79 3.20 -6.84
ROSETON___2 23588	78.07 2.47 0.00	76.60 2.42 0.00	72.41 2.11 0.00	56.05 1.59 0.00	54.25 1.47 0.00	53.84 1.48 0.00	74.25 2.16 0.00	77.06 2.41 -6.77	66.10 2.24 -1.44	42.46 1.42 0.00	50.25 1.86 0.00	40.72 1.60 0.00	42.28 1.65 0.00	42.00 1.67 0.00	42.74 1.74 0.14	50.90 2.03 0.00	78.99 2.98 0.00	106.36 4.60 0.00	82.07 3.70 0.00	93.63 4.53 -0.66	93.31 4.48 -2.21	115.91 4.80 0.00	112.15 3.99 0.00	92.79 3.20 -6.84
ROTTRDAM_115KV_TB3 80664	78.03 2.43 0.00	76.62 2.45 0.00	72.60 2.31 0.00	56.25 1.79 0.00	54.51 1.73 0.00	53.99 1.63 0.00	74.44 2.34 0.00	152.11 2.36 -81.88	82.01 2.17 -17.42	42.38 1.34 0.00	50.00 1.60 0.00	40.43 1.31 0.00	42.04 1.41 0.00	41.71 1.38 0.00	42.52 1.47 0.10	50.60 1.73 0.00	78.77 2.76 0.00	105.84 4.08 0.00	81.60 3.23 0.00	100.23 3.72 -8.07	117.09 3.63 -26.84	115.30 4.20 0.00	111.89 3.73 0.00	168.73 2.94 -83.03
RUSSELL___1 23602	69.99 -4.56 1.06	69.75 -4.42 0.00	66.30 -3.99 0.00	51.42 -3.04 0.00	50.12 -2.67 0.00	50.14 -2.22 0.00	68.75 -3.34 0.00	64.31 -3.56 0.01	58.80 -3.35 0.27	38.77 -2.27 0.00	44.62 -2.93 0.84	36.45 -2.55 0.12	37.85 -2.78 0.00	37.49 -2.79 0.05	36.37 -2.89 1.89	45.23 -3.15 0.49	71.95 -4.06 0.01	96.91 -4.84 0.00	75.13 -3.23 0.00	82.75 -4.88 0.81	80.49 -5.21 0.92	90.90 -6.72 13.48	93.76 -6.07 8.33	71.76 -4.78 6.21
RUSSELL___2 23532	69.99 -4.56 1.06	69.75 -4.42 0.00	66.30 -3.99 0.00	51.42 -3.04 0.00	50.12 -2.67 0.00	50.14 -2.22 0.00	68.75 -3.34 0.00	64.31 -3.56 0.01	58.80 -3.35 0.27	38.77 -2.27 0.00	44.62 -2.93 0.84	36.45 -2.55 0.12	37.85 -2.78 0.00	37.49 -2.79 0.05	36.37 -2.89 1.89	45.23 -3.15 0.49	71.95 -4.06 0.01	96.91 -4.84 0.00	75.13 -3.23 0.00	82.75 -4.88 0.81	80.49 -5.21 0.92	90.90 -6.72 13.48	93.76 -6.07 8.33	71.76 -4.78 6.21
RUSSELL___3 23549	69.99 -4.56 1.06	69.75 -4.42 0.00	66.30 -3.99 0.00	51.42 -3.04 0.00	50.12 -2.67 0.00	50.14 -2.22 0.00	68.75 -3.34 0.00	64.31 -3.56 0.01	58.80 -3.35 0.27	38.77 -2.27 0.00	44.62 -2.93 0.84	36.45 -2.55 0.12	37.85 -2.78 0.00	37.49 -2.79 0.05	36.37 -2.89 1.89	45.23 -3.15 0.49	71.95 -4.06 0.01	96.91 -4.84 0.00	75.13 -3.23 0.00	82.75 -4.88 0.81	80.49 -5.21 0.92	90.90 -6.72 13.48	93.76 -6.07 8.33	71.76 -4.78 6.21
RUSSELL___4 23556	69.99 -4.56 1.06	69.75 -4.42 0.00	66.30 -3.99 0.00	51.42 -3.04 0.00	50.12 -2.67 0.00	50.14 -2.22 0.00	68.75 -3.34 0.00	64.31 -3.56 0.01	58.80 -3.35 0.27	38.77 -2.27 0.00	44.62 -2.93 0.84	36.45 -2.55 0.12	37.85 -2.78 0.00	37.49 -2.79 0.05	36.37 -2.89 1.89	45.23 -3.15 0.49	71.95 -4.06 0.01	96.91 -4.84 0.00	75.13 -3.23 0.00	82.75 -4.88 0.81	80.49 -5.21 0.92	90.90 -6.72 13.48	93.76 -6.07 8.33	71.76 -4.78 6.21
RUSSELL___STATION 23914	69.99 -4.56 1.06	69.75 -4.42 0.00	66.30 -3.99 0.00	51.42 -3.04 0.00	50.12 -2.67 0.00	50.14 -2.22 0.00	68.75 -3.34 0.00	64.31 -3.56 0.01	58.80 -3.35 0.27	38.77 -2.27 0.00	44.62 -2.93 0.84	36.45 -2.55 0.12	37.85 -2.78 0.00	37.49 -2.79 0.05	36.37 -2.89 1.89	45.23 -3.15 0.49	71.95 -4.06 0.01	96.91 -4.84 0.00	75.13 -3.23 0.00	82.75 -4.88 0.81	80.49 -5.21 0.92	90.90 -6.72 13.48	93.76 -6.07 8.33	71.76 -4.78 6.21
S SALMON___HYD 24043	72.80 -2.80 0.00	71.35 -2.83 0.00	67.72 -2.57 0.00	52.59 -1.87 0.00	51.03 -1.76 0.00	50.81 -1.55 0.00	70.04 -2.06 0.00	65.85 -2.03 0.00	60.47 -1.95 0.00	39.56 -1.48 0.00	46.52 -1.87 0.00	37.67 -1.45 0.00	39.11 -1.53 0.00	38.87 -1.46 0.00	38.47 -1.47 1.21	47.10 -1.77 0.00	73.38 -2.63 0.00	98.75 -3.00 0.00	76.27 -2.09 0.00	85.71 -2.73 0.00	84.04 -2.58 0.00	108.21 -2.90 0.00	104.89 -3.28 0.00	80.07 -2.68 0.00
S.PERRY__115KV_TB1 80734	65.95 -6.50 3.15	68.09 -6.09 0.00	64.66 -5.63 0.00	50.15 -4.31 0.00	49.05 -3.73 0.00	49.20 -3.15 0.00	67.57 -4.53 0.00	63.33 -4.67 -0.12	63.15 -4.58 -5.32	37.61 -3.43 0.00	48.37 -4.75 -4.72	36.91 -4.34 -2.13	35.91 -4.72 0.00	36.64 -4.62 -0.93	45.79 -4.81 -9.45	52.96 -5.41 -9.49	69.15 -6.99 -0.12	95.78 -5.97 0.00	75.00 -3.36 0.00	82.69 -5.11 0.63	80.47 -5.43 0.72	93.01 -7.52 10.58	94.61 -7.02 6.54	72.52 -5.35 4.87
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	65.51 -8.11 1.98	66.37 -7.80 0.00	63.29 -7.00 0.00	49.06 -5.40 0.00	47.93 -4.86 0.00	48.02 -4.34 0.00	65.25 -6.85 0.00	60.40 -7.44 0.04	53.95 -6.90 1.57	36.62 -4.42 0.00	40.13 -5.46 2.81	33.73 -5.02 0.65	35.61 -5.01 0.28	35.03 -5.13 4.44	31.58 -5.70 2.82	40.35 -8.15 0.04	67.83 -10.42 0.00	91.33 -7.35 0.00	71.01 -10.16 0.72	77.56 -10.54 0.82	75.26 -10.54 0.82	85.59 -13.54 11.98	88.95 -11.81 7.40	68.22 -9.01 5.52

SAWYER___23_KV_LOAD 55526	65.51 -8.11 1.98	66.37 -7.80 0.00	63.29 -7.00 0.00	49.06 -5.40 0.00	47.93 -4.86 0.00	48.02 -4.34 0.00	65.25 -6.85 0.00	60.40 -7.44 0.04	53.95 -6.90 1.57	36.62 -4.42 0.00	40.13 -5.46 2.81	33.73 -4.74 0.65	35.61 -5.02 0.00	35.03 -5.01 0.28	31.58 -5.13 4.44	40.35 -5.70 2.82	67.83 -8.15 0.04	91.33 -10.42 0.00	71.01 -7.35 0.00	77.56 -10.16 0.72	75.26 -10.54 0.82	85.59 -13.54 11.98	88.95 -11.81 7.40	68.22 -9.01 5.52
SELKIRK___I 23801	80.58 4.98 0.00	79.14 4.97 0.00	75.03 4.74 0.00	58.14 3.69 0.00	56.34 3.56 0.00	55.70 3.35 0.00	76.42 4.33 0.00	99.73 4.20 -27.65	72.06 3.76 -5.88	43.37 2.33 0.00	51.19 2.79 0.00	41.43 2.31 0.00	43.00 2.36 0.00	42.51 2.18 0.00	43.16 2.12 0.11	51.29 2.42 0.00	80.23 4.21 0.00	108.16 6.41 0.00	83.22 4.85 0.00	97.04 5.65 -2.95	102.20 5.77 -9.82	117.97 6.86 0.00	114.62 6.46 0.00	118.56 5.44 -30.37
SELKIRK___II 23799	77.91 2.31 0.00	76.53 2.35 0.00	72.51 2.21 0.00	56.17 1.71 0.00	54.40 1.61 0.00	53.77 1.41 0.00	73.83 1.73 0.00	96.96 1.85 -27.24	69.95 1.74 -5.80	42.19 1.15 0.00	49.87 1.47 0.00	40.37 1.25 0.00	41.97 1.33 0.00	41.64 1.32 0.00	42.36 1.31 0.10	50.29 1.42 0.00	78.19 2.18 0.00	104.99 3.24 0.00	80.85 2.49 0.00	94.41 3.08 -2.90	99.43 3.19 -9.63	114.68 3.57 0.00	111.37 3.20 0.00	115.33 2.80 -29.78
SENECA OSWGO___HYD 24041	72.10 -3.50 0.00	70.74 -3.44 0.00	67.10 -3.19 0.00	51.97 -2.49 0.00	50.49 -2.29 0.00	50.19 -2.17 0.00	69.14 -2.96 0.00	65.09 -2.79 0.00	59.86 -2.55 0.00	39.27 -1.78 0.00	46.25 -2.15 0.00	37.38 -1.74 0.00	38.78 -1.85 0.00	38.49 -1.84 0.00	37.87 -1.88 1.41	46.71 -2.16 0.00	72.84 -3.17 0.00	97.99 -3.76 0.00	75.70 -2.67 0.00	85.20 -3.35 -0.10	83.32 -3.42 -0.12	108.24 -4.62 -1.75	104.56 -4.68 -1.08	79.92 -3.63 -0.81
SENECA___115KV_TB3 355854	66.05 -7.39 2.15	67.10 -7.07 0.00	63.95 -6.35 0.00	49.53 -4.92 0.00	48.43 -4.36 0.00	48.54 -3.82 0.00	66.00 -6.10 0.00	61.20 -6.64 0.04	54.62 -6.16 1.64	37.07 -3.97 0.00	40.47 -4.96 2.97	34.11 -4.34 0.67	36.06 -4.58 0.00	35.45 -4.58 0.30	31.91 -4.68 4.56	40.79 -5.14 2.94	68.72 -7.26 0.04	92.76 -8.99 0.00	72.25 -6.12 0.00	79.00 -8.74 0.70	76.68 -9.15 0.79	87.58 -11.92 11.60	90.61 -10.38 7.17	69.48 -7.92 5.34
SENECA___ENERGY 23797	71.57 -2.92 1.11	71.40 -2.77 0.00	67.77 -2.53 0.00	52.42 -2.04 0.00	51.07 -1.71 0.00	50.96 -1.40 0.00	70.26 -1.83 0.00	66.07 -1.82 -0.02	61.59 -1.64 -0.81	39.74 -1.30 0.00	46.78 -1.95 -0.33	37.67 -1.74 -0.29	38.67 -1.96 0.00	38.52 -1.93 -0.12	39.31 -2.09 -0.24	47.96 -2.41 -1.51	73.23 -2.81 -0.02	99.43 -2.32 0.00	77.56 -0.81 0.00	86.75 -1.40 0.29	84.51 -1.78 0.33	102.71 -3.58 4.82	101.49 -3.70 2.97	78.00 -2.53 2.22
SHOEMAKER___GT 23640	77.67 2.07 0.00	76.22 2.04 0.00	72.07 1.78 0.00	55.78 1.33 0.00	54.02 1.23 0.00	53.62 1.26 0.00	73.96 1.86 0.00	76.32 2.11 -6.33	65.64 1.87 -1.35	42.20 1.16 0.00	49.83 1.44 0.00	40.30 1.18 0.00	41.83 1.20 0.00	41.56 1.23 0.00	42.28 1.28 0.15	50.43 1.56 0.00	78.43 2.42 0.00	105.71 3.96 0.00	81.58 3.22 0.00	92.99 3.93 -0.62	92.56 3.87 -2.07	115.22 4.11 0.00	111.57 3.41 0.00	91.83 2.68 -6.40
SHOEMAKR_138KV_BK 111 55601	77.61 2.01 0.00	76.14 1.97 0.00	72.00 1.71 0.00	55.73 1.28 0.00	53.97 1.18 0.00	53.57 1.21 0.00	73.89 1.79 0.00	76.20 2.04 -6.29	65.59 1.83 -1.34	42.17 1.13 0.00	49.83 1.44 0.00	40.32 1.20 0.00	41.85 1.22 0.00	41.57 1.24 0.00	42.30 1.31 0.15	50.45 1.58 0.00	78.41 2.39 0.00	105.64 3.89 0.00	81.53 3.16 0.00	92.92 3.87 -0.62	92.49 3.82 -2.06	115.14 4.04 0.00	111.50 3.33 0.00	91.73 2.62 -6.36
SHOREHAM_IC_1 23715	80.86 5.26 0.00	79.33 5.15 0.00	74.77 4.48 0.00	57.79 3.32 0.00	56.00 3.21 0.00	55.83 3.47 0.00	77.06 4.96 0.00	79.99 5.13 -6.99	68.38 4.47 -1.49	43.73 2.70 0.00	52.94 3.65 -0.90	42.40 2.90 -0.39	43.33 2.70 0.00	42.84 2.51 0.00	43.75 2.74 0.14	52.64 3.77 0.00	82.19 6.18 0.00	163.89 9.07 -53.08	165.56 7.11 -80.08	140.53 8.51 -43.58	118.54 8.27 -23.64	120.21 9.10 0.00	115.80 7.64 0.00	96.75 6.11 -7.90
SHOREHAM_IC_2 23716	80.86 5.26 0.00	79.33 5.15 0.00	74.77 4.48 0.00	57.79 3.32 0.00	56.00 3.21 0.00	55.83 3.47 0.00	77.06 4.96 0.00	79.99 5.13 -6.99	68.38 4.47 -1.49	43.73 2.70 0.00	52.94 3.65 -0.90	42.40 2.90 -0.39	43.33 2.70 0.00	42.84 2.51 0.00	43.75 2.74 0.14	52.64 3.77 0.00	82.19 6.18 0.00	163.89 9.07 -53.08	165.56 7.11 -80.08	140.53 8.51 -43.58	118.54 8.27 -23.64	120.21 9.10 0.00	115.80 7.64 0.00	96.75 6.11 -7.90
SISSONVILLE____ 23735	77.64 2.04 0.00	75.95 1.78 0.00	72.01 1.71 0.00	55.95 1.49 0.00	54.05 1.26 0.00	53.91 1.55 0.00	74.46 2.37 0.00	69.36 1.49 0.00	63.56 1.14 0.00	42.17 1.13 0.00	49.65 1.26 0.00	40.08 0.96 0.00	41.67 1.04 0.00	41.37 1.04 0.00	41.93 1.00 0.22	49.81 0.94 0.00	76.68 0.66 0.00	101.66 -0.09 0.00	77.88 -0.49 0.00	87.58 -0.86 0.00	86.29 -0.33 0.00	112.45 1.34 0.00	110.75 2.59 0.00	85.13 2.38 0.00
SITHE_IND_GS1 24169	71.56 -4.04 0.00	70.23 -3.94 0.00	66.61 -3.68 0.00	51.61 -2.85 0.00	50.11 -2.67 0.00	49.78 -2.58 0.00	68.52 -3.58 0.00	64.47 -3.40 0.00	59.28 -3.13 0.00	38.92 -2.12 0.00	45.84 -2.56 0.00	37.04 -2.08 0.00	38.42 -2.21 0.00	38.14 -2.19 0.00	37.18 -2.21 1.76	46.28 -2.60 0.00	72.18 -3.84 0.00	96.92 -4.83 0.00	74.82 -3.54 0.00	80.48 -4.27 3.69	78.16 -4.27 4.18	44.03 -5.59 61.49	64.62 -5.54 37.99	50.18 -4.26 28.31
SITHE_IND_GS2 24170	71.56 -4.04 0.00	70.23 -3.94 0.00	66.61 -3.68 0.00	51.61 -2.85 0.00	50.11 -2.67 0.00	49.78 -2.58 0.00	68.52 -3.58 0.00	64.47 -3.40 0.00	59.28 -3.13 0.00	38.92 -2.12 0.00	45.84 -2.56 0.00	37.04 -2.08 0.00	38.42 -2.21 0.00	38.14 -2.19 0.00	37.18 -2.21 1.76	46.28 -2.60 0.00	72.18 -3.84 0.00	96.92 -4.83 0.00	74.82 -3.54 0.00	80.48 -4.27 3.69	78.16 -4.27 4.18	44.03 -5.59 61.49	64.62 -5.54 37.99	50.18 -4.26 28.31
SITHE_IND_GS3 24171	71.56 -4.04 0.00	70.23 -3.94 0.00	66.61 -3.68 0.00	51.61 -2.85 0.00	50.11 -2.67 0.00	49.78 -2.58 0.00	68.52 -3.58 0.00	64.47 -3.40 0.00	59.28 -3.13 0.00	38.92 -2.12 0.00	45.84 -2.56 0.00	37.04 -2.08 0.00	38.42 -2.21 0.00	38.14 -2.19 0.00	37.18 -2.21 1.76	46.28 -2.60 0.00	72.18 -3.84 0.00	96.92 -4.83 0.00	74.82 -3.54 0.00	80.48 -4.27 3.69	78.16 -4.27 4.18	44.03 -5.59 61.49	64.62 -5.54 37.99	50.18 -4.26 28.31
SITHE_IND_GS4 24172	71.56 -4.04 0.00	70.23 -3.94 0.00	66.61 -3.68 0.00	51.61 -2.85 0.00	50.11 -2.67 0.00	49.78 -2.58 0.00	68.52 -3.58 0.00	64.47 -3.40 0.00	59.28 -3.13 0.00	38.92 -2.12 0.00	45.84 -2.56 0.00	37.04 -2.08 0.00	38.42 -2.21 0.00	38.14 -2.19 0.00	37.18 -2.21 1.76	46.28 -2.60 0.00	72.18 -3.84 0.00	96.92 -4.83 0.00	74.82 -3.54 0.00	80.48 -4.27 3.69	78.16 -4.27 4.18	44.03 -5.59 61.49	64.62 -5.54 37.99	50.18 -4.26 28.31

SITHE___BATAVIA 24024	68.86 -5.24 1.50	69.16 -5.02 0.00	65.88 -4.42 0.00	51.11 -3.35 0.00	49.90 -2.89 0.00	50.06 -2.30 0.00	68.34 -3.76 0.00	63.49 -4.37 0.02	57.46 -4.08 0.88	38.08 -2.97 0.00	42.68 -3.96 1.77	35.08 -3.68 0.36	36.66 -3.97 0.00	36.11 -4.06 0.16	34.17 -3.91 3.07	43.05 -4.25 1.58	70.40 -5.60 0.02	95.58 -6.18 0.00	74.33 -4.03 0.00	81.37 -6.31 0.76	78.98 -6.78 0.86	89.66 -8.75 12.69	92.72 -7.60 7.84	70.89 -6.01 5.84
SITHE___INDEPEND 23800	71.57 -4.03 0.00	70.24 -3.94 0.00	66.62 -3.68 0.00	51.61 -2.85 0.00	50.11 -2.68 0.00	49.78 -2.58 0.00	68.52 -3.58 0.00	64.47 -3.40 0.00	59.28 -3.14 0.00	38.93 -2.11 0.00	45.84 -2.56 0.00	37.04 -2.08 0.00	38.42 -2.21 0.00	38.14 -2.19 0.00	37.18 -2.22 1.76	46.28 -2.60 0.00	72.17 -3.84 0.00	96.92 -4.83 0.00	74.82 -3.54 0.00	80.48 -4.27 3.69	78.15 -4.29 4.18	44.02 -5.60 61.49	64.61 -5.56 37.99	50.18 -4.27 28.31
SITHE___MASSENA 23902	77.60 2.00 0.00	75.99 1.81 0.00	72.02 1.72 0.00	55.86 1.40 0.00	54.02 1.23 0.00	53.79 1.43 0.00	74.06 1.96 0.00	69.08 1.21 0.00	63.37 0.95 0.00	42.05 1.01 0.00	49.52 1.13 0.00	39.95 0.84 0.00	41.51 0.87 0.00	41.19 0.86 0.00	41.85 0.80 0.10	49.82 0.95 0.00	77.14 1.13 0.00	102.51 0.76 0.00	78.56 0.19 0.00	88.40 -0.04 0.00	86.67 0.06 0.00	112.20 1.10 0.00	110.21 2.04 0.00	84.67 1.92 0.00
SITHE___OGDNSBRG 24021	79.18 3.58 0.00	77.50 3.32 0.00	73.47 3.18 0.00	57.00 2.54 0.00	55.14 2.35 0.00	55.01 2.65 0.00	75.94 3.85 0.00	70.78 2.91 0.00	64.78 2.37 0.00	42.93 1.88 0.00	50.49 2.09 0.00	40.76 1.64 0.00	42.38 1.74 0.00	42.04 1.71 0.00	42.65 1.67 0.17	50.74 1.87 0.00	78.44 2.42 0.00	104.20 2.45 0.00	79.87 1.50 0.00	89.77 1.34 0.00	88.18 1.56 0.00	114.50 3.39 0.00	112.66 4.50 0.00	86.49 3.75 0.00
SITHE___STERLING 23777	76.61 1.02 0.00	75.19 1.01 0.00	71.38 1.08 0.00	55.41 0.95 0.00	53.76 0.97 0.00	53.49 1.13 0.00	74.02 1.92 0.00	69.69 1.82 0.00	64.06 1.64 0.00	41.98 0.94 0.00	49.49 1.09 0.00	39.89 0.77 0.00	41.39 0.76 0.00	41.19 0.86 0.00	41.43 0.96 0.68	50.02 1.15 0.00	78.10 2.08 0.00	104.60 2.85 0.00	80.73 2.36 0.00	90.64 2.44 0.24	88.66 2.31 0.27	109.90 2.74 3.95	107.95 2.23 2.44	82.45 1.52 1.82
SLEIGHT__34_KV_TB1 80719	71.11 -4.02 0.46	70.25 -3.93 0.00	66.71 -3.58 0.00	51.71 -2.75 0.00	50.35 -2.44 0.00	50.28 -2.08 0.00	69.18 -2.92 0.00	64.91 -2.96 0.00	59.65 -2.77 0.00	39.07 -1.97 0.00	45.62 -2.56 0.22	36.90 -2.22 0.00	38.21 -2.42 0.00	37.90 -2.42 0.00	37.33 -2.50 1.31	46.10 -2.77 0.00	72.54 -3.48 0.00	97.77 -3.99 0.00	75.69 -2.68 0.00	83.88 -3.86 0.70	81.68 -4.14 0.79	94.06 -5.44 11.61	95.88 -5.11 7.17	73.25 -4.15 5.34
SOUTH CAIRO___GT 23612	81.84 6.23 0.00	80.33 6.15 0.00	76.16 5.87 0.00	59.03 4.57 0.00	57.21 4.43 0.00	56.63 4.27 0.00	77.81 5.71 0.00	98.52 5.62 -25.02	73.02 5.27 -5.32	44.12 3.08 0.00	52.00 3.61 0.00	41.97 2.85 0.00	43.65 3.02 0.00	43.25 2.92 0.00	43.83 2.79 0.11	52.24 3.37 0.00	82.21 6.20 0.00	111.32 9.57 0.00	85.82 7.45 0.00	99.49 8.39 -2.67	103.71 8.23 -8.87	121.09 9.98 0.00	117.55 9.38 0.00	117.70 7.51 -27.43
SOUTH HAMPTN___IC 23720	80.71 5.11 0.00	79.17 5.00 0.00	74.62 4.32 0.00	57.66 3.21 0.00	55.90 3.12 0.00	55.78 3.42 0.00	77.05 4.95 0.00	80.00 5.14 -6.99	68.32 4.42 -1.49	43.79 2.75 0.00	53.04 3.74 -0.90	42.30 2.80 -0.39	43.24 2.61 0.00	42.74 2.42 0.00	43.68 2.67 0.14	52.59 3.71 0.00	82.15 6.13 0.00	163.90 9.07 -53.08	165.66 7.21 -80.08	140.67 8.65 -43.58	118.63 8.36 -23.64	120.33 9.22 0.00	115.89 7.73 0.00	96.83 6.18 -7.90
SOUTHDOW_115KV_TB1 355954	66.81 -6.26 2.53	68.17 -6.01 0.00	64.99 -5.31 0.00	50.26 -4.20 0.00	49.19 -3.60 0.00	49.37 -2.99 0.00	67.47 -4.63 0.00	64.81 -4.75 -1.68	57.50 -4.35 0.58	38.22 -2.83 0.00	42.45 -3.62 2.33	35.51 -3.21 0.39	37.15 -3.48 0.00	36.70 -3.46 0.17	34.54 -3.49 3.13	43.43 -3.73 1.71	70.66 -5.33 0.02	95.85 -5.90 0.00	74.82 -3.55 0.00	82.42 -5.53 0.49	80.29 -6.15 0.19	91.87 -8.30 10.94	94.09 -7.31 6.76	73.90 -5.54 3.31
SOUTHOLD_69_KV_BK 2 55809	80.09 4.48 0.00	78.54 4.36 0.00	73.98 3.69 0.00	57.18 2.72 0.00	55.45 2.67 0.00	55.40 3.05 0.00	76.68 4.58 0.00	79.66 4.80 -6.99	67.94 4.03 -1.49	43.74 2.70 0.00	53.03 3.73 -0.90	41.94 2.43 -0.39	42.85 2.22 0.00	42.35 2.02 0.00	43.35 2.34 0.14	52.20 3.33 0.00	81.65 5.63 0.00	163.38 8.56 -53.08	165.33 6.88 -80.08	140.35 8.33 -43.58	118.29 8.02 -23.64	119.90 8.79 0.00	115.37 7.20 0.00	96.47 5.83 -7.90
SOUTHOLD___IC 23719	80.07 4.47 0.00	78.54 4.36 0.00	73.98 3.68 0.00	57.18 2.72 0.00	55.45 2.67 0.00	55.40 3.05 0.00	76.68 4.58 0.00	79.66 4.80 -6.99	67.93 4.03 -1.49	43.75 2.70 0.00	53.01 3.71 -0.90	41.94 2.43 -0.39	42.85 2.22 0.00	42.35 2.02 0.00	43.33 2.32 0.14	52.20 3.32 0.00	81.65 5.63 0.00	163.38 8.55 -53.08	165.33 6.88 -80.08	140.35 8.34 -43.58	118.26 8.00 -23.64	119.88 8.77 0.00	115.35 7.19 0.00	96.47 5.82 -7.90
SOUTH_FORK_WT_PWR 323839	78.91 3.31 0.00	77.39 3.21 0.00	72.90 2.60 0.00	56.33 1.87 0.00	54.63 1.84 0.00	54.63 2.27 0.00	75.68 3.58 0.00	78.69 3.83 -6.99	67.02 3.11 -1.49	43.31 2.26 0.00	52.59 3.29 -0.90	41.33 1.82 -0.39	42.24 1.60 0.00	41.71 1.38 0.00	42.70 1.69 0.14	51.44 2.57 0.00	80.49 4.47 0.00	161.76 6.93 -53.08	164.10 5.65 -80.08	139.04 7.02 -43.58	116.96 6.70 -23.64	118.17 7.06 0.00	113.74 5.58 0.00	95.30 4.65 -7.90
SPIERFLS_115KV_TB 1 80737	81.28 5.68 0.00	79.72 5.55 0.00	75.57 5.28 0.00	58.77 4.31 0.00	56.99 4.21 0.00	56.62 4.26 0.00	78.22 6.13 0.00	149.68 6.13 -75.68	84.06 5.54 -16.10	44.50 3.46 0.00	52.48 4.08 0.00	42.35 3.23 0.00	43.94 3.31 0.00	43.59 3.26 0.00	44.41 3.36 0.10	52.86 3.99 0.00	82.38 6.36 0.00	111.08 9.33 0.00	85.64 7.28 0.00	104.17 8.31 -7.42	119.23 7.94 -24.67	120.68 9.56 0.00	116.84 8.68 0.00	165.81 6.75 -76.32
ST LAWRENCE____ 23600	76.38 0.78 0.00	74.78 0.61 0.00	70.85 0.56 0.00	54.93 0.48 0.00	53.14 0.35 0.00	52.87 0.51 0.00	72.77 0.67 0.00	68.18 0.31 0.00	62.57 0.15 0.00	41.35 0.32 0.00	48.72 0.33 0.00	39.31 0.19 0.00	40.84 0.20 0.00	40.51 0.17 0.00	41.19 0.12 0.07	49.06 0.19 0.00	76.33 0.31 0.00	101.50 -0.25 0.00	77.80 -0.56 0.00	87.61 -0.83 0.00	85.84 -0.77 0.00	110.89 -0.22 0.00	108.80 0.65 0.00	83.28 0.53 0.00
STATE_CA_115KV_115_LB 55624	78.33 2.73 0.00	76.92 2.75 0.00	72.86 2.56 0.00	56.44 1.98 0.00	54.67 1.88 0.00	54.08 1.72 0.00	74.19 2.10 0.00	118.50 2.26 -48.36	74.85 2.14 -10.29	42.49 1.45 0.00	50.28 1.88 0.00	40.70 1.58 0.00	42.32 1.69 0.00	42.00 1.67 0.00	42.72 1.67 0.10	50.64 1.77 0.00	78.75 2.74 0.00	105.57 3.81 0.00	81.24 2.87 0.00	96.84 3.56 -4.85	106.44 3.71 -16.11	115.35 4.24 0.00	111.98 3.82 0.00	135.95 3.36 -49.85

STATE_ST_34_KV_LOAD 55959	74.02 -2.07 -0.49	72.17 -2.01 0.00	68.50 -1.80 0.00	52.99 -1.46 0.00	51.58 -1.20 0.00	51.37 -0.99 0.00	70.81 -1.29 0.00	66.65 -1.23 -0.01	61.70 -1.10 -0.38	40.02 -1.03 0.00	47.43 -1.58 -0.61	37.90 -1.35 -0.13	39.11 -1.52 0.00	38.97 -1.42 -0.05	39.08 -1.46 0.61	47.80 -1.73 -0.66	74.17 -1.86 -0.01	100.24 -1.51 0.00	77.76 -0.61 0.00	87.02 -1.13 0.29	84.91 -1.38 0.33	104.00 -2.30 4.81	102.79 -2.40 2.97	78.47 -2.06 2.21
STATION 5_MISC_HYD 23604	69.58 -4.96 1.06	69.36 -4.81 0.00	65.94 -4.35 0.00	51.16 -3.30 0.00	49.85 -2.94 0.00	49.85 -2.51 0.00	68.33 -3.77 0.00	63.89 -3.97 0.01	58.43 -3.71 0.27	38.53 -2.51 0.00	44.36 -3.19 0.84	36.23 -2.77 0.12	37.63 -3.01 0.00	37.27 -3.01 0.05	36.19 -3.08 1.89	44.97 -3.41 0.49	71.47 -4.54 0.01	96.23 -5.53 0.00	74.58 -3.79 0.00	82.17 -5.46 0.81	79.94 -5.76 0.92	90.28 -7.34 13.48	93.19 -6.64 8.33	71.30 -5.23 6.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	72.53 -2.43 0.64	71.86 -2.32 0.00	68.28 -2.01 0.00	52.95 -1.51 0.00	51.66 -1.13 0.00	51.69 -0.67 0.00	71.18 -0.92 0.00	66.75 -1.13 0.00	61.30 -1.12 0.00	40.15 -0.89 0.00	46.77 -1.33 0.30	37.83 -1.29 0.00	39.10 -1.53 0.00	38.78 -1.55 0.00	38.21 -1.63 1.31	47.23 -1.65 0.00	74.41 -1.61 0.00	100.54 -1.22 0.00	77.97 -0.40 0.00	86.40 -1.45 0.58	84.06 -1.89 0.66	98.60 -2.77 9.75	99.61 -2.53 6.02	76.14 -2.12 4.49
STA_56_34_KV_BUS2_REV_LBMP_B 345033	69.43 -5.18 0.98	69.15 -5.03 0.00	65.73 -4.56 0.00	50.98 -3.48 0.00	49.67 -3.12 0.00	49.65 -2.70 0.00	68.11 -3.99 0.00	63.72 -4.15 0.01	58.27 -3.89 0.26	38.44 -2.61 0.00	44.31 -3.30 0.79	36.17 -2.84 0.11	37.56 -3.07 0.00	37.20 -3.08 0.05	36.09 -3.18 1.88	44.89 -3.51 0.48	71.32 -4.69 0.01	96.00 -5.75 0.00	74.38 -3.99 0.00	81.99 -5.64 0.81	79.76 -5.94 0.92	89.96 -7.64 13.50	92.89 -6.93 8.34	71.07 -5.46 6.21
STA_56___34_KV_BUS2 355983	69.43 -5.18 0.98	69.15 -5.03 0.00	65.73 -4.56 0.00	50.98 -3.48 0.00	49.67 -3.12 0.00	49.65 -2.70 0.00	68.11 -3.99 0.00	63.72 -4.15 0.01	58.27 -3.89 0.26	38.44 -2.61 0.00	44.31 -3.30 0.79	36.17 -2.84 0.11	37.56 -3.07 0.00	37.20 -3.08 0.05	36.09 -3.18 1.88	44.89 -3.51 0.48	71.32 -4.69 0.01	96.00 -5.75 0.00	74.38 -3.99 0.00	81.99 -5.64 0.81	79.76 -5.94 0.92	89.96 -7.64 13.50	92.89 -6.93 8.34	71.07 -5.46 6.21
STA_67___115KV_BK2 355882	69.39 -5.15 1.06	69.20 -4.98 0.00	65.80 -4.50 0.00	51.02 -3.44 0.00	49.73 -3.06 0.00	49.72 -2.63 0.00	68.14 -3.96 0.00	63.70 -4.17 0.01	58.23 -3.91 0.28	38.41 -2.63 0.00	44.21 -3.34 0.85	36.11 -2.89 0.12	37.52 -3.11 0.00	37.16 -3.12 0.06	36.03 -3.22 1.90	44.82 -3.55 0.50	71.23 -4.78 0.01	95.94 -5.81 0.00	74.34 -4.03 0.00	81.89 -5.73 0.81	79.66 -6.04 0.92	89.88 -7.73 13.51	92.86 -6.96 8.35	71.06 -5.47 6.22
STA_7___115KV_9TRANS 80674	69.99 -4.56 1.06	69.75 -4.42 0.00	66.30 -3.99 0.00	51.42 -3.04 0.00	50.12 -2.67 0.00	50.14 -2.22 0.00	68.75 -3.34 0.00	64.31 -3.56 0.01	58.80 -3.35 0.27	38.77 -2.27 0.00	44.62 -2.93 0.84	36.45 -2.55 0.12	37.85 -2.78 0.00	37.49 -2.79 0.05	36.37 -2.89 1.89	45.23 -3.15 0.49	71.95 -4.06 0.01	96.91 -4.84 0.00	75.13 -3.23 0.00	82.75 -4.88 0.81	80.49 -5.21 0.92	90.90 -6.72 13.48	93.76 -6.07 8.33	71.76 -4.78 6.21
STA_82___115KV_TB1 80780	69.42 -5.11 1.07	69.22 -4.96 0.00	65.82 -4.48 0.00	51.05 -3.41 0.00	49.75 -3.04 0.00	49.74 -2.61 0.00	68.19 -3.91 0.00	63.74 -4.13 0.01	58.30 -3.88 0.25	38.44 -2.60 0.00	44.25 -3.34 0.81	36.14 -2.88 0.11	37.53 -3.10 0.00	37.17 -3.11 0.05	36.10 -3.21 1.84	44.88 -3.55 0.45	71.27 -4.74 0.01	95.99 -5.76 0.00	74.41 -3.96 0.00	81.95 -5.68 0.80	79.72 -5.99 0.91	90.06 -7.66 13.39	93.00 -6.89 8.27	71.16 -5.42 6.16
STEEL___WIND 323596	65.92 -7.53 2.15	66.95 -7.23 0.00	63.84 -6.46 0.00	49.41 -5.05 0.00	48.35 -4.44 0.00	48.44 -3.92 0.00	65.85 -6.25 0.00	61.09 -6.75 0.04	54.49 -6.29 1.64	37.00 -4.04 0.00	40.38 -5.04 2.97	34.02 -4.42 0.67	35.98 -4.66 0.00	35.37 -4.66 0.30	31.87 -4.72 4.56	40.72 -5.21 2.94	68.53 -7.45 0.04	92.56 -9.19 0.00	72.10 -6.27 0.00	78.84 -8.90 0.70	76.60 -9.23 0.79	87.52 -11.98 11.60	90.50 -10.49 7.17	69.42 -7.99 5.34
STEPHTWN_115KV_BK_2 55603	78.76 3.16 0.00	77.02 2.84 0.00	73.14 2.84 0.00	56.63 2.17 0.00	54.84 2.06 0.00	54.42 2.06 0.00	74.62 2.52 0.00	105.36 2.44 -35.05	72.27 2.39 -7.46	42.66 1.62 0.00	50.41 2.01 0.00	40.79 1.67 0.00	42.47 1.84 0.00	42.13 1.80 0.00	42.85 1.80 0.10	50.89 2.01 0.00	79.29 3.28 0.00	106.42 4.66 0.00	81.90 3.53 0.00	96.52 4.30 -3.78	103.57 4.38 -12.57	116.15 5.05 0.00	112.84 4.68 0.00	125.59 3.95 -38.89
STEUBEN_REC_LFGE 323667	59.65 -8.61 7.34	66.54 -7.64 0.00	62.93 -7.36 0.00	48.78 -5.68 0.00	47.85 -4.93 0.00	47.72 -4.64 0.00	65.44 -6.66 0.00	63.24 -6.86 -2.22	60.42 -6.25 -4.25	36.78 -4.26 0.00	43.30 -5.83 -0.73	35.65 -4.91 -1.44	35.36 -5.28 0.00	35.78 -5.17 -0.62	41.95 -5.25 -6.05	49.52 -5.56 -6.21	69.05 -7.05 -0.08	95.54 -6.22 0.00	74.74 -3.63 0.00	83.17 -5.02 0.25	81.52 -5.29 -0.19	95.19 -8.25 7.67	96.12 -7.30 4.74	76.33 -5.08 1.34
STILLWATER___SOLAR 323814	80.12 4.52 0.00	78.62 4.45 0.00	74.51 4.21 0.00	57.78 3.32 0.00	56.00 3.22 0.00	55.55 3.20 0.00	76.67 4.57 0.00	144.97 4.53 -72.57	82.02 4.16 -15.44	43.65 2.61 0.00	51.51 3.11 0.00	41.64 2.52 0.00	43.29 2.66 0.00	42.93 2.60 0.00	43.74 2.68 0.10	52.05 3.18 0.00	80.99 4.98 0.00	109.03 7.28 0.00	84.03 5.66 0.00	102.01 6.48 -7.09	116.50 6.30 -23.58	118.61 7.50 0.00	114.99 6.83 0.00	161.06 5.37 -72.95
STONY___BROOK 24151	80.96 5.36 0.00	79.35 5.17 0.00	74.81 4.52 0.00	57.79 3.32 0.00	56.00 3.22 0.00	55.79 3.43 0.00	77.00 4.90 0.00	79.94 5.08 -6.99	68.42 4.52 -1.49	43.78 2.74 0.00	53.08 3.79 -0.90	42.56 3.06 -0.39	43.55 2.91 0.00	43.05 2.73 0.00	43.93 2.92 0.14	52.81 3.94 0.00	82.30 6.29 0.00	163.93 9.10 -53.08	165.70 7.25 -80.08	140.82 8.80 -43.58	118.85 8.59 -23.64	120.63 9.52 0.00	116.20 8.04 0.00	97.03 6.38 -7.90
STURGEON_POOL_HYD 23609	78.51 2.91 0.00	77.04 2.87 0.00	72.84 2.55 0.00	56.38 1.92 0.00	54.58 1.80 0.00	54.13 1.78 0.00	74.74 2.64 0.00	81.10 2.83 -10.41	67.33 2.69 -2.21	42.76 1.71 0.00	50.50 2.11 0.00	40.84 1.72 0.00	42.42 1.78 0.00	42.17 1.84 0.00	42.91 1.90 0.14	51.21 2.34 0.00	79.52 3.50 0.00	107.26 5.50 0.00	82.83 4.46 0.00	94.85 5.35 -1.07	95.39 5.22 -3.55	116.85 5.74 0.00	113.03 4.87 0.00	97.45 3.73 -10.97
ST_LAW_115_BK7_LBMP 345037	76.52 0.93 0.00	74.94 0.76 0.00	70.99 0.70 0.00	55.05 0.59 0.00	53.24 0.46 0.00	52.98 0.62 0.00	72.93 0.84 0.00	68.27 0.39 0.00	62.64 0.23 0.00	41.44 0.39 0.00	48.82 0.42 0.00	39.39 0.27 0.00	40.92 0.29 0.00	40.59 0.26 0.00	41.26 0.19 0.08	49.14 0.27 0.00	76.39 0.38 0.00	101.55 -0.21 0.00	77.83 -0.54 0.00	87.61 -0.83 0.00	85.86 -0.76 0.00	110.99 -0.12 0.00	108.93 0.77 0.00	83.40 0.65 0.00

ST_LAW_115_BK8_LBMP 345038	76.52 0.93 0.00	74.94 0.76 0.00	70.99 0.70 0.00	55.05 0.59 0.00	53.24 0.46 0.00	52.98 0.62 0.00	72.93 0.84 0.00	68.27 0.39 0.00	62.64 0.23 0.00	41.44 0.39 0.00	48.82 0.42 0.00	39.39 0.27 0.00	40.92 0.29 0.00	40.59 0.26 0.00	41.26 0.19 0.08	49.14 0.27 0.00	76.39 0.38 0.00	101.55 -0.21 0.00	77.83 -0.54 0.00	87.61 -0.83 0.00	85.86 -0.76 0.00	110.99 -0.12 0.00	108.93 0.77 0.00	83.40 0.65 0.00
ST_LAW_230_BK5_LBMP 345035	76.38 0.78 0.00	74.78 0.61 0.00	70.85 0.56 0.00	54.93 0.48 0.00	53.14 0.35 0.00	52.87 0.51 0.00	72.77 0.67 0.00	68.18 0.31 0.00	62.57 0.15 0.00	41.35 0.32 0.00	48.72 0.33 0.00	39.31 0.19 0.00	40.84 0.20 0.00	40.51 0.17 0.00	41.20 0.12 0.07	49.06 0.19 0.00	76.33 0.31 0.00	101.50 -0.25 0.00	77.80 -0.56 0.00	87.61 -0.83 0.00	85.84 -0.77 0.00	110.89 -0.22 0.00	108.80 0.65 0.00	83.28 0.53 0.00
ST_LAW_230_BK6_LBMP 345036	76.38 0.78 0.00	74.78 0.61 0.00	70.85 0.56 0.00	54.93 0.48 0.00	53.14 0.35 0.00	52.87 0.51 0.00	72.77 0.67 0.00	68.18 0.31 0.00	62.57 0.15 0.00	41.35 0.32 0.00	48.72 0.33 0.00	39.31 0.19 0.00	40.84 0.20 0.00	40.51 0.17 0.00	41.20 0.12 0.07	49.06 0.19 0.00	76.33 0.31 0.00	101.50 -0.25 0.00	77.80 -0.56 0.00	87.61 -0.83 0.00	85.84 -0.77 0.00	110.89 -0.22 0.00	108.80 0.65 0.00	83.28 0.53 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	77.77 2.17 0.00	76.29 2.12 0.00	72.11 1.82 0.00	55.80 1.34 0.00	54.01 1.22 0.00	53.63 1.28 0.00	73.99 1.89 0.00	76.55 2.19 -6.49	65.83 2.03 -1.38	42.29 1.25 0.00	50.03 1.63 0.00	40.51 1.39 0.00	42.07 1.44 0.00	41.78 1.45 0.00	42.54 1.54 0.15	50.71 1.84 0.00	78.73 2.71 0.00	106.08 4.33 0.00	81.85 3.48 0.00	93.35 4.27 -0.64	92.95 4.21 -2.12	115.59 4.48 0.00	111.83 3.67 0.00	92.23 2.93 -6.56
SWANROAD_115KV_TB1 355699	64.74 -9.04 1.82	65.56 -8.62 0.00	62.54 -7.76 0.00	48.52 -5.94 0.00	47.36 -5.43 0.00	47.44 -4.92 0.00	64.02 -8.08 0.00	58.94 -8.90 0.03	53.12 -8.03 1.27	35.81 -5.23 0.00	39.80 -6.22 2.38	33.06 -5.53 0.52	34.73 -5.90 0.00	34.22 -5.88 0.23	31.59 -5.72 3.84	40.07 -6.53 2.28	66.12 -9.86 0.03	88.80 -12.95 0.00	69.03 -9.34 0.00	75.18 -12.52 0.73	72.88 -12.91 0.83	82.36 -16.52 12.23	86.12 -14.49 7.56	66.07 -11.04 5.63
SYNERGY___BIOGAS 323694	68.86 -5.24 1.50	69.16 -5.02 0.00	65.88 -4.42 0.00	51.11 -3.35 0.00	49.90 -2.89 0.00	50.06 -2.30 0.00	68.34 -3.76 0.00	63.49 -4.37 0.02	57.46 -4.08 0.88	38.08 -2.97 0.00	42.68 -3.96 1.77	35.08 -3.68 0.36	36.66 -3.97 0.00	36.11 -4.06 0.16	34.17 -3.91 3.07	43.05 -4.25 1.58	70.40 -5.60 0.02	95.58 -6.18 0.00	74.33 -4.03 0.00	81.37 -6.31 0.76	78.98 -6.78 0.86	89.66 -8.75 12.69	92.72 -7.60 7.84	70.89 -6.01 5.84
SYRACUSE___ENERGY_ST1 323597	72.65 -2.95 0.00	71.28 -2.90 0.00	67.61 -2.69 0.00	52.37 -2.09 0.00	50.89 -1.89 0.00	50.61 -1.75 0.00	69.74 -2.36 0.00	65.65 -2.22 0.00	60.36 -2.05 0.00	39.56 -1.48 0.00	46.55 -1.85 0.00	37.61 -1.51 0.00	38.99 -1.64 0.00	38.71 -1.62 0.00	38.18 -1.65 1.32	47.00 -1.87 0.00	73.50 -2.52 0.00	98.88 -2.87 0.00	76.44 -1.93 0.00	85.65 -2.53 0.25	83.67 -2.66 0.29	103.19 -3.67 4.25	101.78 -3.75 2.63	77.81 -2.98 1.96
SYRACUSE___ENERGY_ST2 323598	72.65 -2.95 0.00	71.28 -2.90 0.00	67.61 -2.69 0.00	52.37 -2.09 0.00	50.89 -1.89 0.00	50.61 -1.75 0.00	69.74 -2.36 0.00	65.65 -2.22 0.00	60.36 -2.05 0.00	39.56 -1.48 0.00	46.55 -1.85 0.00	37.61 -1.51 0.00	38.99 -1.64 0.00	38.71 -1.62 0.00	38.18 -1.65 1.32	47.00 -1.87 0.00	73.50 -2.52 0.00	98.88 -2.87 0.00	76.44 -1.93 0.00	85.65 -2.53 0.25	83.67 -2.66 0.29	103.19 -3.67 4.25	101.78 -3.75 2.63	77.81 -2.98 1.96
SYRACUSE___POWER 24017	73.41 -2.65 -0.45	71.57 -2.60 0.00	67.90 -2.40 0.00	52.59 -1.87 0.00	51.11 -1.68 0.00	50.84 -1.52 0.00	70.07 -2.03 0.00	65.96 -1.91 0.00	60.67 -1.75 0.00	39.77 -1.27 0.00	47.01 -1.60 -0.21	37.82 -1.30 0.00	39.19 -1.44 0.00	38.90 -1.43 0.00	38.44 -1.45 1.26	47.27 -1.60 0.00	73.87 -2.15 0.00	99.37 -2.38 0.00	76.82 -1.54 0.00	85.94 -2.10 0.40	83.93 -2.23 0.45	101.36 -3.11 6.64	100.81 -3.25 4.10	77.12 -2.57 3.05
TALLMAN___138KV_BK151 55660	77.79 2.19 0.00	76.28 2.10 0.00	72.05 1.76 0.00	55.75 1.29 0.00	53.94 1.15 0.00	53.62 1.26 0.00	73.96 1.86 0.00	76.74 2.20 -6.67	65.88 2.04 -1.42	42.32 1.27 0.00	50.09 1.69 0.00	40.61 1.49 0.00	42.16 1.53 0.00	41.90 1.57 0.00	42.65 1.65 0.15	50.82 1.95 0.00	78.77 2.76 0.00	106.13 4.37 0.00	81.87 3.50 0.00	93.48 4.38 -0.66	93.14 4.34 -2.18	115.66 4.55 0.00	111.87 3.71 0.00	92.43 2.95 -6.74
TEALLAVE_115KV_TB7 355573	72.50 -3.10 0.00	71.13 -3.05 0.00	67.48 -2.82 0.00	52.29 -2.18 0.00	50.80 -1.98 0.00	50.53 -1.83 0.00	69.61 -2.49 0.00	65.52 -2.36 0.00	60.26 -2.15 0.00	39.54 -1.50 0.00	46.54 -1.86 0.00	37.60 -1.52 0.00	38.99 -1.65 0.00	38.70 -1.63 0.00	38.24 -1.66 1.25	47.01 -1.86 0.00	73.42 -2.59 0.00	98.69 -3.07 0.00	76.26 -2.11 0.00	85.24 -2.74 0.45	83.26 -2.85 0.52	99.66 -3.89 7.56	99.51 -3.97 4.67	76.14 -3.12 3.48
TELGRAPH_34_KV_EAST 80808	66.75 -7.21 1.64	67.31 -6.87 0.00	64.15 -6.15 0.00	49.75 -4.71 0.00	48.57 -4.22 0.00	48.69 -3.67 0.00	66.14 -5.96 0.00	61.20 -6.64 0.03	55.28 -6.07 1.06	37.00 -4.04 0.00	41.35 -5.00 2.05	34.22 -4.46 0.44	35.87 -4.76 0.00	35.31 -4.82 0.19	32.95 -4.76 3.44	41.65 -5.30 1.91	68.44 -7.55 0.03	92.24 -9.52 0.00	71.70 -6.67 0.00	78.28 -9.41 0.75	75.93 -9.84 0.85	86.00 -12.61 12.50	89.43 -11.01 7.72	68.50 -8.49 5.75
TEMPLE___115KV_TB 2 55572	72.52 -3.09 0.00	71.15 -3.02 0.00	67.52 -2.78 0.00	52.29 -2.17 0.00	50.82 -1.97 0.00	50.55 -1.81 0.00	69.65 -2.45 0.00	65.54 -2.33 0.00	60.29 -2.13 0.00	39.54 -1.50 0.00	46.55 -1.85 0.00	37.62 -1.50 0.00	39.00 -1.63 0.00	38.71 -1.62 0.00	38.26 -1.64 1.26	47.02 -1.85 0.00	73.46 -2.55 0.00	98.72 -3.03 0.00	76.31 -2.06 0.00	85.29 -2.68 0.46	83.29 -2.81 0.52	99.64 -3.82 7.65	99.51 -3.93 4.73	76.15 -3.08 3.52
TIANA____69_KV_BK 1 55817	80.89 5.29 0.00	79.33 5.16 0.00	74.77 4.48 0.00	57.79 3.32 0.00	56.02 3.23 0.00	55.88 3.53 0.00	77.19 5.09 0.00	80.10 5.24 -6.99	68.44 4.54 -1.49	43.82 2.78 0.00	53.06 3.76 -0.90	42.39 2.89 -0.39	43.34 2.71 0.00	42.86 2.53 0.00	43.78 2.77 0.14	52.69 3.81 0.00	82.30 6.28 0.00	164.11 9.29 -53.08	165.81 7.36 -80.08	140.82 8.80 -43.58	118.80 8.53 -23.64	120.57 9.46 0.00	116.10 7.94 0.00	96.97 6.33 -7.90
TILDEN___115KV_TB1 80814	73.41 -2.65 -0.45	71.57 -2.60 0.00	67.90 -2.40 0.00	52.59 -1.87 0.00	51.11 -1.68 0.00	50.84 -1.52 0.00	70.07 -2.03 0.00	65.96 -1.91 0.00	60.67 -1.75 0.00	39.77 -1.27 0.00	47.01 -1.60 -0.21	37.82 -1.30 0.00	39.19 -1.44 0.00	38.90 -1.43 0.00	38.44 -1.45 1.26	47.27 -1.60 0.00	73.87 -2.15 0.00	99.37 -2.38 0.00	76.82 -1.54 0.00	85.94 -2.10 0.40	83.93 -2.23 0.45	101.36 -3.11 6.64	100.81 -3.25 4.10	77.12 -2.57 3.05

TRIGEN__CC 323695	79.37 3.77 0.00	77.82 3.64 0.00	73.42 3.12 0.00	56.76 2.30 0.00	54.97 2.19 0.00	54.66 2.30 0.00	75.36 3.26 0.00	78.38 3.52 -6.99	67.18 3.28 -1.49	43.08 2.04 0.00	52.20 2.90 -0.90	41.98 2.47 -0.39	43.07 2.44 0.00	42.60 2.27 0.00	43.39 2.38 0.14	51.86 2.99 0.00	80.56 4.55 0.00	161.62 6.80 -53.07	163.89 5.45 -80.08	138.60 6.59 -43.58	116.77 6.51 -23.64	118.21 7.10 0.00	114.09 5.93 0.00	95.54 4.89 -7.90
TRINITY__115KV__4 BK 55933	78.11 2.51 0.00	76.71 2.53 0.00	72.68 2.39 0.00	56.30 1.84 0.00	54.53 1.74 0.00	53.90 1.55 0.00	73.93 1.84 0.00	107.42 1.99 -37.55	72.30 1.90 -7.99	42.34 1.30 0.00	50.08 1.69 0.00	40.56 1.44 0.00	42.16 1.53 0.00	41.84 1.51 0.00	42.55 1.51 0.10	50.55 1.68 0.00	78.38 2.37 0.00	105.09 3.34 0.00	80.88 2.52 0.00	95.56 3.18 -3.94	103.08 3.37 -13.09	114.91 3.80 0.00	111.60 3.44 0.00	126.33 3.07 -40.51
UNION__PROCESSING_DRP 323587	69.45 -5.08 1.06	69.24 -4.94 0.00	65.84 -4.46 0.00	51.07 -3.39 0.00	49.76 -3.02 0.00	49.77 -2.59 0.00	68.21 -3.89 0.00	63.76 -4.11 0.01	58.31 -3.85 0.26	38.45 -2.59 0.00	44.25 -3.31 0.83	36.14 -2.86 0.11	37.54 -3.09 0.00	37.18 -3.10 0.05	36.09 -3.20 1.86	44.87 -3.53 0.47	71.29 -4.71 0.01	96.06 -5.69 0.00	74.43 -3.94 0.00	81.99 -5.64 0.80	79.75 -5.95 0.91	90.14 -7.62 13.35	93.05 -6.86 8.25	71.22 -5.38 6.14
UPPER HUDSON__HYD 24058	81.28 5.68 0.00	79.73 5.55 0.00	75.57 5.28 0.00	58.77 4.30 0.00	56.99 4.21 0.00	56.62 4.26 0.00	78.22 6.13 0.00	149.68 6.12 -75.68	84.06 5.54 -16.10	44.50 3.46 0.00	52.48 4.08 0.00	42.35 3.23 0.00	43.94 3.31 0.00	43.59 3.26 0.00	44.40 3.35 0.10	52.86 3.99 0.00	82.37 6.36 0.00	111.07 9.32 0.00	85.64 7.27 0.00	104.17 8.31 -7.42	119.22 7.94 -24.67	120.66 9.55 0.00	116.84 8.68 0.00	165.82 6.75 -76.32
UPPER RAQUET__HYD 24056	77.64 2.04 0.00	75.95 1.78 0.00	72.01 1.71 0.00	55.94 1.48 0.00	54.05 1.26 0.00	53.91 1.55 0.00	74.46 2.36 0.00	69.36 1.49 0.00	63.56 1.14 0.00	42.17 1.13 0.00	49.65 1.25 0.00	40.08 0.96 0.00	41.67 1.04 0.00	41.36 1.04 0.00	41.93 1.00 0.22	49.81 0.94 0.00	76.68 0.66 0.00	101.66 -0.09 0.00	77.88 -0.48 0.00	87.58 -0.86 0.00	86.29 -0.33 0.00	112.46 1.35 0.00	110.75 2.59 0.00	85.13 2.38 0.00
VALLEY44_115KV_TB2 355964	66.66 -6.29 2.65	68.06 -6.12 0.00	64.85 -5.44 0.00	50.28 -4.18 0.00	49.28 -3.51 0.00	49.23 -3.13 0.00	66.95 -5.15 0.00	64.41 -5.22 -1.75	57.38 -4.74 0.30	37.94 -3.10 0.00	42.59 -3.74 2.06	35.72 -3.11 0.28	37.28 -3.35 0.00	36.86 -3.34 0.12	35.17 -3.42 2.56	43.72 -3.92 1.23	69.75 -6.25 0.02	94.08 -7.67 0.00	73.49 -4.88 0.00	81.35 -6.63 0.46	79.59 -6.89 0.14	91.11 -9.41 10.58	93.44 -8.17 6.54	73.56 -6.12 3.07
VALLEY__115KV_TB 1-4 80826	77.37 1.77 0.00	75.72 1.54 0.00	71.69 1.39 0.00	55.41 0.95 0.00	53.81 1.02 0.00	53.29 0.93 0.00	73.77 1.67 0.00	69.52 1.65 0.00	63.76 1.34 0.00	41.71 0.67 0.00	48.92 0.52 0.00	39.53 0.41 0.00	41.15 0.52 0.00	40.79 0.46 0.00	41.79 0.76 0.12	49.89 1.02 0.00	77.70 1.68 0.00	105.18 3.42 0.00	81.10 2.73 0.00	91.69 3.25 0.00	89.98 3.36 0.00	114.67 3.56 0.00	110.77 2.61 0.00	84.87 2.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	78.83 3.24 0.00	77.43 3.26 0.00	73.44 3.14 0.00	56.82 2.36 0.00	55.16 2.38 0.00	54.59 2.23 0.00	75.48 3.39 0.00	81.54 3.36 -10.31	67.84 3.23 -2.19	43.01 1.97 0.00	50.75 2.36 0.00	41.06 1.94 0.00	42.70 2.07 0.00	42.38 2.05 0.00	42.81 2.12 0.46	51.45 2.58 0.00	80.42 4.40 0.00	108.24 6.48 0.00	83.71 5.34 0.00	95.27 5.98 -0.85	95.62 5.80 -3.20	115.40 7.00 2.71	112.81 6.32 1.67	96.73 4.76 -9.22
VISCHER__FERRY HYD 24020	79.15 3.55 0.00	77.70 3.53 0.00	73.62 3.32 0.00	57.04 2.58 0.00	55.25 2.46 0.00	54.72 2.36 0.00	75.39 3.30 0.00	133.24 3.32 -62.05	78.72 3.10 -13.20	43.02 1.98 0.00	50.80 2.41 0.00	41.14 2.02 0.00	42.77 2.14 0.00	42.42 2.10 0.00	43.20 2.15 0.10	51.36 2.48 0.00	79.68 3.66 0.00	107.17 5.41 0.00	82.59 4.22 0.00	99.37 4.95 -5.99	111.47 4.95 -19.90	116.85 5.74 0.00	113.38 5.22 0.00	148.58 4.25 -61.58
V_A_10_SYNC_DSASP 323832	66.51 -7.66 1.44	66.79 -7.38 0.00	63.61 -6.68 0.00	49.35 -5.11 0.00	48.15 -4.64 0.00	48.17 -4.19 0.00	65.62 -6.48 0.00	60.97 -6.88 0.02	55.19 -6.38 0.85	36.92 -4.12 0.00	41.65 -5.05 1.70	34.43 -4.34 0.35	36.04 -4.59 0.00	35.59 -4.58 0.16	33.46 -4.66 3.03	42.04 -5.29 1.54	68.34 -7.66 0.02	91.86 -9.90 0.00	71.27 -7.10 0.00	78.09 -9.56 0.79	75.92 -9.81 0.89	85.64 -12.33 13.14	89.15 -10.89 8.12	68.32 -8.37 6.05
V_CMM_10_SYNC_DSASP 323787	76.87 1.27 0.00	75.29 1.11 0.00	71.35 1.05 0.00	55.32 0.86 0.00	53.50 0.72 0.00	53.25 0.89 0.00	73.29 1.20 0.00	68.61 0.74 0.00	62.95 0.53 0.00	41.65 0.60 0.00	49.06 0.66 0.00	39.57 0.45 0.00	41.11 0.48 0.00	40.79 0.46 0.00	41.46 0.39 0.08	49.38 0.51 0.00	76.77 0.75 0.00	102.07 0.31 0.00	78.23 -0.14 0.00	88.05 -0.38 0.00	86.28 -0.34 0.00	111.54 0.43 0.00	109.45 1.29 0.00	83.81 1.06 0.00
V_CMP_10_SYNC_DSASP 323788	76.59 0.99 0.00	74.77 0.59 0.00	70.67 0.38 0.00	54.67 0.22 0.00	52.77 -0.02 0.00	52.62 0.26 0.00	72.35 0.25 0.00	51.60 0.00 16.28	-28.90 -0.39 90.92	-13.88 -0.04 54.88	5.67 -0.11 42.62	28.28 -0.17 10.67	40.48 -0.15 0.00	40.21 -0.12 0.00	40.98 -0.09 0.08	49.10 0.23 0.00	76.77 0.75 0.00	102.94 1.18 0.00	78.87 0.51 0.00	88.30 -0.14 0.00	86.54 -0.08 0.00	111.50 0.39 0.00	109.80 1.64 0.00	84.46 1.71 0.00
V_D_10_SYNC_DSASP 323841	77.58 1.98 0.00	75.95 1.78 0.00	72.01 1.72 0.00	55.83 1.37 0.00	54.01 1.23 0.00	53.77 1.41 0.00	74.05 1.95 0.00	69.07 1.20 0.00	63.36 0.94 0.00	42.03 0.99 0.00	49.51 1.12 0.00	39.94 0.82 0.00	41.50 0.86 0.00	41.17 0.84 0.00	41.83 0.78 0.10	49.81 0.94 0.00	77.14 1.13 0.00	102.51 0.76 0.00	78.57 0.20 0.00	88.40 -0.04 0.00	86.67 0.06 0.00	112.19 1.09 0.00	110.19 2.03 0.00	84.61 1.86 0.00
V_E_10_SYNC_DSASP 323830	80.80 2.03 -3.17	74.97 0.79 0.00	70.89 0.59 0.00	54.41 -0.05 0.00	53.04 0.25 0.00	53.12 0.76 0.00	73.72 1.62 0.00	74.65 1.96 -4.81	65.19 1.41 -1.36	41.43 0.39 0.00	50.45 0.20 -1.85	39.40 0.16 -0.13	40.54 -0.10 0.00	40.33 -0.05 -0.05	40.78 -0.16 0.21	49.69 0.31 -0.51	78.10 2.08 -0.01	107.23 5.48 0.00	83.55 5.19 0.00	94.23 5.58 -0.21	93.01 5.11 -1.28	113.27 6.57 4.41	111.22 5.78 2.72	89.80 4.20 -2.86
V_F_30_NSYNC__DSASP 323816	80.13 4.53 0.00	78.67 4.49 0.00	74.53 4.24 0.00	57.81 3.35 0.00	56.04 3.26 0.00	55.58 3.22 0.00	76.70 4.61 0.00	146.40 4.56 -73.96	82.35 4.20 -15.74	43.68 2.64 0.00	51.55 3.15 0.00	41.66 2.54 0.00	43.32 2.69 0.00	42.96 2.62 0.00	43.76 2.71 0.10	52.08 3.21 0.00	81.06 5.05 0.00	109.11 7.36 0.00	84.08 5.71 0.00	102.22 6.54 -7.24	117.03 6.35 -24.06	118.67 7.56 0.00	115.03 6.87 0.00	162.60 5.39 -74.46

V_F_30_SYNC_DSASP 323786	78.33 2.73 0.00	76.92 2.75 0.00	72.86 2.56 0.00	56.44 1.98 0.00	54.67 1.89 0.00	54.08 1.72 0.00	74.20 2.10 0.00	117.67 2.26 -47.54	74.68 2.14 -10.12	42.49 1.45 0.00	50.28 1.88 0.00	40.70 1.58 0.00	42.32 1.68 0.00	42.00 1.67 0.00	42.72 1.67 0.10	50.64 1.77 0.00	78.75 2.73 0.00	105.57 3.81 0.00	81.23 2.87 0.00	96.77 3.56 -4.77	106.19 3.71 -15.86	115.35 4.24 0.00	111.98 3.82 0.00	135.18 3.35 -49.09
V_XM_10_SYNC_DSASP 323789	76.59 0.99 0.00	74.77 0.59 0.00	70.67 0.38 0.00	54.67 0.22 0.00	52.77 -0.02 0.00	52.62 0.26 0.00	72.35 0.25 0.00	51.60 0.00 16.28	-28.90 -0.39 90.92	-13.88 -0.04 54.88	5.67 -0.11 42.62	28.28 -0.17 10.67	40.48 -0.15 0.00	40.21 -0.12 0.00	40.98 -0.09 0.08	49.10 0.23 0.00	76.77 0.75 0.00	102.94 1.18 0.00	78.87 0.51 0.00	88.30 -0.14 0.00	86.54 -0.08 0.00	111.50 0.39 0.00	109.80 1.64 0.00	84.46 1.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	78.05 2.45 0.00	76.55 2.38 0.00	72.29 1.99 0.00	55.94 1.48 0.00	54.14 1.36 0.00	53.81 1.45 0.00	74.24 2.14 0.00	77.06 2.47 -6.71	66.14 2.29 -1.43	42.48 1.44 0.00	50.29 1.89 0.00	40.76 1.64 0.00	42.31 1.67 0.00	42.05 1.72 0.00	42.81 1.80 0.15	51.01 2.14 0.00	79.11 3.10 0.00	106.59 4.84 0.00	82.24 3.87 0.00	93.87 4.78 -0.66	93.53 4.72 -2.19	116.14 5.03 0.00	112.30 4.14 0.00	92.79 3.27 -6.78
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	78.46 2.86 0.00	76.91 2.74 0.00	72.59 2.30 0.00	56.21 1.74 0.00	54.36 1.58 0.00	54.03 1.68 0.00	74.58 2.48 0.00	77.68 2.82 -6.99	66.57 2.66 -1.49	42.81 1.77 0.00	50.77 2.37 0.00	41.16 2.05 0.00	42.74 2.11 0.00	42.46 2.13 0.00	43.22 2.21 0.14	51.41 2.54 0.00	79.62 3.60 0.00	107.23 5.48 0.00	82.78 4.42 0.00	94.56 5.43 -0.69	94.30 5.40 -2.28	116.94 5.83 0.00	112.99 4.83 0.00	93.63 3.84 -7.05
W50THST__13_KV_LOAD 356117	78.96 3.36 0.00	77.39 3.21 0.00	73.02 2.72 0.00	56.51 2.05 0.00	54.67 1.88 0.00	54.37 2.01 0.00	75.08 2.98 0.00	78.17 3.31 -6.99	67.03 3.13 -1.49	43.14 2.10 0.00	51.18 2.78 0.00	41.51 2.39 0.00	43.08 2.44 0.00	42.80 2.47 0.00	43.56 2.55 0.14	51.81 2.94 0.00	80.18 4.17 0.00	108.03 6.28 0.00	83.35 4.98 0.00	95.17 6.05 -0.69	94.92 6.03 -2.28	117.71 6.60 0.00	113.75 5.59 0.00	94.17 4.37 -7.05
WADING RIVER_IC_1 23522	80.83 5.23 0.00	79.28 5.10 0.00	74.74 4.44 0.00	57.73 3.27 0.00	55.98 3.19 0.00	55.79 3.43 0.00	77.02 4.92 0.00	79.95 5.09 -6.99	68.33 4.42 -1.49	43.72 2.68 0.00	52.95 3.65 -0.90	42.38 2.88 -0.39	43.34 2.71 0.00	42.85 2.52 0.00	43.76 2.74 0.14	52.65 3.77 0.00	82.19 6.18 0.00	163.81 8.98 -53.08	165.47 7.02 -80.08	140.46 8.44 -43.58	118.45 8.18 -23.64	120.11 9.00 0.00	115.69 7.53 0.00	96.67 6.02 -7.90
WADING RIVER_IC_2 23547	80.83 5.23 0.00	79.28 5.10 0.00	74.74 4.44 0.00	57.73 3.27 0.00	55.98 3.19 0.00	55.79 3.43 0.00	77.02 4.92 0.00	79.95 5.09 -6.99	68.33 4.42 -1.49	43.72 2.68 0.00	52.95 3.65 -0.90	42.38 2.88 -0.39	43.34 2.71 0.00	42.85 2.52 0.00	43.76 2.74 0.14	52.65 3.77 0.00	82.19 6.18 0.00	163.81 8.98 -53.08	165.47 7.02 -80.08	140.46 8.44 -43.58	118.45 8.18 -23.64	120.11 9.00 0.00	115.69 7.53 0.00	96.67 6.02 -7.90
WADING RIVER_IC_3 23601	80.83 5.23 0.00	79.28 5.10 0.00	74.74 4.44 0.00	57.73 3.27 0.00	55.98 3.19 0.00	55.79 3.43 0.00	77.02 4.92 0.00	79.95 5.09 -6.99	68.33 4.42 -1.49	43.72 2.68 0.00	52.95 3.65 -0.90	42.38 2.88 -0.39	43.34 2.71 0.00	42.85 2.52 0.00	43.76 2.74 0.14	52.65 3.77 0.00	82.19 6.18 0.00	163.81 8.98 -53.08	165.47 7.02 -80.08	140.46 8.44 -43.58	118.45 8.18 -23.64	120.11 9.00 0.00	115.69 7.53 0.00	96.67 6.02 -7.90
WALDENNY_12_KV_BK2 80841	66.17 -7.31 2.11	67.17 -7.00 0.00	64.03 -6.27 0.00	49.60 -4.85 0.00	48.47 -4.32 0.00	48.59 -3.78 0.00	66.03 -6.07 0.00	61.20 -6.64 0.04	54.70 -6.13 1.59	37.10 -3.94 0.00	40.59 -4.90 2.90	34.16 -4.30 0.66	36.06 -4.57 0.00	35.49 -4.55 0.29	32.06 -4.62 4.48	40.92 -5.09 2.86	68.75 -7.23 0.04	92.76 -9.00 0.00	72.20 -6.17 0.00	78.90 -8.83 0.70	76.57 -9.25 0.79	87.37 -12.06 11.67	90.46 -10.48 7.21	69.37 -8.01 5.37
WALDEN__HYDRO 24148	78.35 2.75 0.00	76.85 2.68 0.00	72.62 2.33 0.00	56.21 1.75 0.00	54.41 1.63 0.00	54.05 1.69 0.00	74.60 2.50 0.00	77.60 2.76 -6.97	66.45 2.55 -1.48	42.63 1.59 0.00	50.39 1.99 0.00	40.76 1.64 0.00	42.31 1.67 0.00	42.03 1.70 0.00	42.79 1.78 0.15	51.01 2.14 0.00	79.33 3.31 0.00	106.97 5.22 0.00	82.58 4.21 0.00	94.21 5.09 -0.69	93.90 4.99 -2.29	116.57 5.46 0.00	112.77 4.61 0.00	93.43 3.61 -7.08
WARRENSBURG____ 23737	81.28 5.68 0.00	79.73 5.55 0.00	75.57 5.28 0.00	58.77 4.30 0.00	56.99 4.21 0.00	56.62 4.26 0.00	78.22 6.13 0.00	149.68 6.12 -75.68	84.06 5.54 -16.10	44.50 3.46 0.00	52.48 4.08 0.00	42.35 3.23 0.00	43.94 3.31 0.00	43.59 3.26 0.00	44.40 3.35 0.10	52.86 3.99 0.00	82.37 6.36 0.00	111.07 9.32 0.00	85.64 7.27 0.00	104.17 8.31 -7.42	119.22 7.94 -24.67	120.66 9.55 0.00	116.84 8.68 0.00	165.82 6.75 -76.32
WATERSIDE____6 8 9 23538	78.61 3.02 0.00	77.04 2.87 0.00	72.71 2.41 0.00	56.29 1.83 0.00	54.07 1.64 0.36	53.29 1.76 0.83	74.69 2.62 0.02	77.78 2.91 -6.99	66.42 2.76 -1.24	39.95 1.86 2.95	48.88 2.50 2.01	38.44 2.15 2.83	40.28 2.20 2.56	39.99 2.25 2.58	40.86 2.31 2.60	50.05 2.59 1.41	79.55 3.66 0.12	107.36 5.60 0.00	70.83 4.54 12.07	63.29 5.64 30.79	82.62 5.64 9.63	117.18 6.07 0.00	113.23 5.07 0.00	93.77 3.98 -7.05
WATKINRD_115KV_LN8_ILLION 55919	78.93 3.33 0.00	77.21 3.03 0.00	73.07 2.78 0.00	56.42 1.96 0.00	54.87 2.09 0.00	54.35 1.99 0.00	75.36 3.26 0.00	71.11 3.23 0.00	65.21 2.79 0.00	42.47 1.42 0.00	49.72 1.32 0.00	40.13 1.01 0.00	41.83 1.20 0.00	41.47 1.14 0.00	42.66 1.63 0.12	51.04 2.16 0.00	79.55 3.54 0.00	108.23 6.48 0.00	83.53 5.16 0.00	94.53 6.09 0.00	92.82 6.21 0.00	117.93 6.82 0.00	113.44 5.28 0.00	86.87 4.12 0.00
WATSON__69_KV_BK 1 55734	81.42 5.82 0.00	79.80 5.63 0.00	75.24 4.94 0.00	58.11 3.65 0.00	56.33 3.55 0.00	56.12 3.76 0.00	77.49 5.40 0.00	80.44 5.58 -6.99	68.85 4.94 -1.49	44.03 2.99 0.00	53.40 4.10 -0.90	42.83 3.33 -0.39	43.84 3.21 0.00	43.34 3.01 0.00	44.24 3.23 0.14	53.15 4.27 0.00	82.77 6.76 0.00	164.78 9.95 -53.07	166.46 8.01 -80.08	141.49 9.48 -43.58	119.48 9.22 -23.64	121.50 10.39 0.00	117.01 8.85 0.00	97.68 7.03 -7.90
WDELAWARE__HYD 323627	77.00 1.40 0.00	75.55 1.37 0.00	71.45 1.15 0.00	55.30 0.84 0.00	53.55 0.76 0.00	53.22 0.87 0.00	73.60 1.50 0.00	77.06 1.83 -7.35	65.66 1.68 -1.57	42.08 1.04 0.00	49.54 1.14 0.00	39.91 0.79 0.00	41.41 0.78 0.00	41.21 0.88 0.00	41.87 0.87 0.15	50.03 1.16 0.00	78.11 2.10 0.00	105.65 3.89 0.00	81.56 3.19 0.00	93.05 3.88 -0.74	92.83 3.76 -2.45	115.00 3.90 0.00	111.26 3.10 0.00	92.68 2.35 -7.58

WEST BABYLON___IC 23714	80.96 5.36 0.00	79.31 5.13 0.00	74.81 4.52 0.00	57.79 3.32 0.00	55.99 3.21 0.00	55.75 3.39 0.00	76.98 4.88 0.00	79.94 5.08 -6.99	68.44 4.54 -1.49	43.81 2.77 0.00	53.13 3.83 -0.90	42.62 3.11 -0.39	43.66 3.02 0.00	43.15 2.82 0.00	44.02 3.01 0.14	52.83 3.96 0.00	82.23 6.21 0.00	164.04 9.22 -53.07	165.86 7.42 -80.08	140.81 8.79 -43.58	118.85 8.58 -23.64	120.76 9.65 0.00	116.38 8.22 0.00	97.19 6.54 -7.90
WEST CANADA___HYD 24049	76.04 0.44 0.00	74.62 0.45 0.00	70.72 0.42 0.00	54.79 0.33 0.00	53.10 0.32 0.00	52.61 0.25 0.00	72.46 0.36 0.00	68.32 0.45 0.00	62.83 0.42 0.00	41.29 0.25 0.00	48.70 0.30 0.00	39.37 0.25 0.00	40.92 0.29 0.00	40.61 0.29 0.00	41.33 0.30 0.12	49.22 0.34 0.00	76.54 0.52 0.00	102.62 0.87 0.00	79.08 0.72 0.00	89.31 0.87 0.00	87.48 0.86 0.00	112.01 0.91 0.00	108.85 0.69 0.00	83.35 0.60 0.00
WESTERN_NY_WIND 24143	68.66 -5.40 1.55	69.01 -5.16 0.00	65.75 -4.55 0.00	51.00 -3.46 0.00	49.79 -2.99 0.00	49.96 -2.40 0.00	68.18 -3.92 0.00	63.32 -4.53 0.02	57.23 -4.25 0.93	37.97 -3.07 0.00	42.45 -4.10 1.86	34.96 -3.77 0.39	36.57 -4.06 0.00	36.01 -4.15 0.17	33.93 -4.04 3.19	42.81 -4.38 1.68	70.23 -5.77 0.02	95.33 -6.42 0.00	74.14 -4.23 0.00	81.12 -6.56 0.76	78.73 -7.03 0.86	89.34 -9.13 12.63	92.44 -7.91 7.80	70.71 -6.22 5.81
WESTOVER___LESR 323668	72.44 -1.95 1.21	72.23 -1.94 0.00	68.57 -1.73 0.00	53.02 -1.44 0.00	51.62 -1.16 0.00	51.30 -1.06 0.00	70.68 -1.41 0.00	69.74 -1.35 -3.22	61.89 -1.21 -0.69	40.06 -0.98 0.00	46.86 -1.22 0.32	38.23 -0.97 -0.08	39.55 -1.09 0.00	39.31 -1.05 -0.04	39.52 -1.12 0.51	47.68 -1.19 0.00	74.41 -1.61 0.00	100.30 -1.45 0.00	77.81 -0.56 0.00	87.40 -1.05 -0.02	86.16 -1.18 -0.72	104.26 -1.92 4.93	103.07 -2.05 3.05	82.13 -1.62 -1.00
WETHRSFD_WT_PWR 323626	63.74 -8.89 2.97	65.71 -8.47 0.00	62.52 -7.78 0.00	48.41 -6.04 0.00	47.30 -5.49 0.00	47.37 -4.99 0.00	64.63 -7.46 0.00	61.76 -7.77 -1.66	50.23 -7.29 4.90	36.12 -4.92 0.00	34.54 -6.13 7.72	31.73 -5.21 2.18	35.12 -5.51 0.00	33.94 -5.44 0.95	23.67 -5.51 11.98	33.22 -6.16 9.49	67.38 -8.51 0.12	92.02 -9.73 0.00	72.04 -6.33 0.00	79.42 -8.57 0.45	77.71 -8.78 0.12	89.00 -11.71 10.39	91.27 -10.47 6.42	72.01 -7.76 2.98
WHAVSTOR_138KV_BK127 55557	77.72 2.12 0.00	76.23 2.06 0.00	72.00 1.70 0.00	55.71 1.25 0.00	53.91 1.13 0.00	53.58 1.22 0.00	73.90 1.80 0.00	76.73 2.13 -6.72	65.82 1.97 -1.43	42.27 1.23 0.00	50.06 1.66 0.00	40.58 1.46 0.00	42.13 1.50 0.00	41.85 1.53 0.00	42.61 1.61 0.15	50.77 1.90 0.00	78.69 2.68 0.00	106.01 4.25 0.00	81.78 3.42 0.00	93.38 4.29 -0.66	93.07 4.26 -2.19	115.54 4.43 0.00	111.76 3.60 0.00	92.40 2.87 -6.79
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	77.72 2.12 0.00	76.23 2.06 0.00	72.00 1.70 0.00	55.71 1.25 0.00	53.91 1.13 0.00	53.58 1.22 0.00	73.90 1.80 0.00	76.73 2.13 -6.72	65.82 1.97 -1.43	42.27 1.23 0.00	50.06 1.66 0.00	40.58 1.46 0.00	42.13 1.50 0.00	41.85 1.53 0.00	42.61 1.61 0.15	50.77 1.90 0.00	78.69 2.68 0.00	106.01 4.25 0.00	81.78 3.42 0.00	93.38 4.29 -0.66	93.07 4.26 -2.19	115.54 4.43 0.00	111.76 3.60 0.00	92.40 2.87 -6.79
WHITEHAL_115KV_TB1 80871	81.49 5.89 0.00	79.77 5.59 0.00	75.77 5.47 0.00	59.71 5.25 0.00	57.92 5.14 0.00	57.58 5.21 0.00	79.53 7.43 0.00	150.38 7.54 -74.97	84.83 6.46 -15.95	44.73 3.69 0.00	52.61 4.22 0.00	42.72 3.60 0.00	44.21 3.57 0.00	44.02 3.69 0.00	44.81 3.76 0.10	53.57 4.70 0.00	83.28 7.26 0.00	112.68 10.93 0.00	86.94 8.57 0.00	105.95 10.16 -7.34	120.46 9.42 -24.42	121.94 10.83 0.00	117.76 9.60 0.00	165.56 7.27 -75.54
WHITEPLN_13_KV_LOAD 356215	79.26 3.67 0.00	77.70 3.52 0.00	73.35 3.05 0.00	56.75 2.29 0.00	54.93 2.15 0.00	54.64 2.28 0.00	75.48 3.38 0.00	78.51 3.66 -6.97	67.35 3.45 -1.48	43.25 2.20 0.00	51.23 2.84 0.00	41.55 2.43 0.00	43.10 2.47 0.00	42.81 2.48 0.00	43.60 2.59 0.14	51.94 3.07 0.00	80.58 4.57 0.00	108.63 6.88 0.00	83.85 5.48 0.00	95.65 6.53 -0.68	95.31 6.41 -2.27	118.21 7.10 0.00	114.25 6.09 0.00	94.51 4.73 -7.04
WM_FLOYD_69_KV_BK2 356380	80.94 5.34 0.00	79.38 5.20 0.00	74.83 4.54 0.00	57.82 3.36 0.00	56.03 3.25 0.00	55.87 3.50 0.00	77.11 5.01 0.00	80.01 5.15 -6.99	68.42 4.51 -1.49	43.73 2.69 0.00	52.96 3.66 -0.90	42.41 2.90 -0.39	43.39 2.76 0.00	42.90 2.57 0.00	43.81 2.80 0.14	52.70 3.83 0.00	82.28 6.27 0.00	164.05 9.22 -53.08	165.77 7.32 -80.08	140.76 8.75 -43.58	118.76 8.49 -23.64	120.53 9.42 0.00	116.10 7.94 0.00	96.95 6.30 -7.90
WOODARD___115KV_TB2 355635	72.46 -3.14 0.00	71.11 -3.07 0.00	67.46 -2.84 0.00	52.24 -2.22 0.00	50.77 -2.02 0.00	50.47 -1.89 0.00	69.53 -2.56 0.00	65.45 -2.43 0.00	60.20 -2.22 0.00	39.49 -1.55 0.00	46.49 -1.91 0.00	37.57 -1.55 0.00	38.96 -1.68 0.00	38.67 -1.66 0.00	38.17 -1.68 1.30	46.97 -1.91 0.00	73.34 -2.67 0.00	98.54 -3.22 0.00	76.14 -2.23 0.00	85.19 -2.86 0.39	83.22 -2.96 0.44	100.61 -4.00 6.51	100.08 -4.06 4.02	76.58 -3.17 2.99
YORK___WARBASSE 23770	78.85 3.25 0.00	77.37 3.19 0.00	72.98 2.69 0.00	56.46 2.00 0.00	56.71 1.86 -2.07	59.23 2.03 -4.85	75.12 2.91 -0.11	78.07 3.21 -6.99	68.22 3.04 -2.76	57.54 2.02 -14.48	60.93 2.66 -9.88	55.33 2.31 -13.91	55.60 2.43 -12.54	55.48 2.47 -12.68	55.58 2.52 -11.91	58.68 2.87 -6.94	80.65 4.03 -0.60	107.87 6.12 0.00	142.62 5.01 -59.24	249.74 6.16 -155.14	153.46 6.11 -60.73	117.76 6.65 0.00	113.65 5.49 0.00	94.08 4.29 -7.05