

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/03/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	51.40	50.91	43.37	46.28	48.27	58.34	73.42	55.13	56.71	50.62	59.46	62.42	59.17	66.40	66.29	69.44	67.13	65.08	64.68	66.91	64.08	59.92	97.23	73.52
24138	3.25	3.13	2.66	2.75	2.78	3.51	5.07	3.78	4.20	3.43	4.12	4.22	4.12	4.34	4.33	4.80	5.12	4.28	4.73	3.75	3.08	4.21	6.06	4.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.36	-7.66	-21.75	-25.18	0.00	0.00	0.00
74TH STREET_GT_1	51.51	51.00	43.45	46.40	48.41	58.51	73.67	55.27	56.89	50.77	59.63	62.61	59.36	66.58	66.48	69.64	67.37	65.26	64.89	67.09	64.24	60.18	97.63	73.84
24260	3.36	3.23	2.74	2.87	2.92	3.68	5.31	3.92	4.38	3.57	4.29	4.40	4.31	4.52	4.52	5.01	5.36	4.46	4.94	3.93	3.23	4.47	6.45	4.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.36	-7.66	-21.75	-25.18	0.00	0.00	0.00
74TH STREET_GT_2	51.51	51.00	43.45	46.40	48.41	58.51	73.67	55.27	56.89	50.77	59.63	62.61	59.36	66.58	66.48	69.64	67.37	65.26	64.89	67.09	64.24	60.18	97.63	73.84
24261	3.36	3.23	2.74	2.87	2.92	3.68	5.31	3.92	4.38	3.57	4.29	4.40	4.31	4.52	4.52	5.01	5.36	4.46	4.94	3.93	3.23	4.47	6.45	4.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.36	-7.66	-21.75	-25.18	0.00	0.00	0.00
ADK HUDSON___FALLS	50.66	50.14	42.75	45.73	47.84	57.74	72.44	56.17	55.78	49.78	58.35	61.30	57.98	65.30	65.23	68.44	66.18	99.12	87.43	93.51	72.32	59.37	96.41	72.94
24011	2.51	2.37	2.04	2.20	2.35	2.91	4.09	2.85	3.27	2.59	3.00	3.09	2.93	3.24	3.27	3.80	4.18	3.37	3.79	3.03	2.55	3.66	5.23	3.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-49.32	-31.35	-49.07	-33.94	0.00	0.00	0.00
ADK RESOURCE___RCVRY	50.91	50.38	42.97	45.97	48.12	58.06	72.90	56.44	56.13	50.01	58.61	61.59	58.24	65.55	65.48	68.78	66.64	99.65	87.96	93.98	72.63	59.77	96.98	73.33
23798	2.76	2.61	2.26	2.44	2.63	3.23	4.55	3.11	3.62	2.82	3.27	3.38	3.19	3.49	3.53	4.14	4.63	3.70	4.18	3.36	2.83	4.06	5.80	3.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-49.52	-31.49	-49.21	-33.97	0.00	0.00	0.00
ADK S GLENS___FALLS	50.66	50.14	42.75	45.73	47.84	57.74	72.44	56.17	55.78	49.78	58.35	61.30	57.98	65.30	65.23	68.44	66.18	99.12	87.43	93.51	72.32	59.37	96.41	72.94
24028	2.51	2.37	2.04	2.20	2.35	2.91	4.09	2.85	3.27	2.59	3.00	3.09	2.93	3.24	3.27	3.80	4.18	3.37	3.79	3.03	2.55	3.66	5.23	3.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-49.32	-31.35	-49.07	-33.94	0.00	0.00	0.00
ADK_NYS___DAM	51.42	51.00	43.47	46.49	48.58	58.54	73.01	56.30	56.14	50.04	58.79	61.89	58.61	65.94	65.72	68.88	66.24	88.65	80.22	86.05	71.20	59.63	97.00	73.48
23527	3.27	3.23	2.76	2.95	3.10	3.71	4.65	3.24	3.63	2.84	3.45	3.68	3.57	3.88	3.76	4.24	4.24	3.39	3.82	3.08	2.65	3.92	5.82	4.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-38.83	-24.11	-41.56	-32.72	0.00	0.00	0.00
AIR_PRODUCTS___DRP	49.93	49.46	42.15	45.07	47.09	56.76	70.93	54.98	54.58	48.77	57.31	60.24	57.05	64.14	64.04	67.10	64.59	81.24	74.42	80.92	70.39	58.07	94.34	71.58
24190	1.78	1.69	1.44	1.53	1.60	1.93	2.58	1.88	2.07	1.57	1.96	2.04	2.01	2.08	2.09	2.46	2.58	2.12	2.36	1.87	1.58	2.36	3.16	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.69	-19.78	-37.64	-32.98	0.00	0.00	0.00
AKWESSNE_115KV_BK	48.47	48.14	40.97	43.85	45.79	54.96	68.05	45.20	52.20	47.13	55.04	57.93	54.69	61.73	61.67	64.20	61.39	45.67	51.47	40.75	35.35	55.35	91.11	69.63
355683	0.32	0.37	0.26	0.32	0.30	0.13	-0.30	-0.41	-0.31	-0.06	-0.30	-0.27	-0.36	-0.33	-0.28	-0.43	-0.61	-0.77	-0.82	-0.66	-0.48	-0.36	-0.07	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	50.61	50.15	42.74	45.71	47.78	57.62	72.01	55.46	55.26	49.27	57.72	60.51	57.21	64.34	64.49	67.75	65.42	77.25	71.95	78.06	70.12	58.70	95.56	72.51
323833	2.46	2.38	2.03	2.18	2.29	2.79	3.66	2.53	2.75	2.08	2.38	2.30	2.16	2.28	2.54	3.12	3.41	2.73	3.05	2.41	2.04	2.99	4.38	3.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-28.08	-16.61	-34.24	-32.25	0.00	0.00	0.00
ALBANY_2_SOLAR	50.58	50.13	42.73	45.69	47.77	57.60	72.00	55.44	55.24	49.25	57.71	60.48	57.20	64.32	64.47	67.72	65.42	77.22	71.92	78.03	70.11	58.67	95.52	72.48
323834	2.43	2.36	2.02	2.16	2.28	2.77	3.65	2.51	2.73	2.06	2.36	2.28	2.15	2.26	2.51	3.09	3.41	2.70	3.02	2.38	2.02	2.96	4.34	3.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-28.08	-16.60	-34.24	-32.26	0.00	0.00	0.00
ALBANY___1	49.93	49.46	42.15	45.07	47.09	56.76	70.93	54.98	54.58	48.77	57.31	60.24	57.05	64.14	64.04	67.10	64.59	81.24	74.42	80.92	70.39	58.07	94.34	71.58
23571	1.78	1.69	1.44	1.53	1.60	1.93	2.58	1.88	2.07	1.57	1.96	2.04	2.01	2.08	2.09	2.46	2.58	2.12	2.36	1.87	1.58	2.36	3.16	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.69	-19.78	-37.64	-32.98	0.00	0.00	0.00

ALBANY___2 23572	49.93 1.78 0.00	49.46 1.69 0.00	42.15 1.44 0.00	45.07 1.53 0.00	47.09 1.60 0.00	56.76 1.93 0.00	70.93 2.58 0.00	54.98 1.88 -7.49	54.58 2.07 0.00	48.77 1.57 0.00	57.31 1.96 0.00	60.24 2.04 0.00	57.05 2.01 0.00	64.14 2.08 0.00	64.04 2.09 0.00	67.10 2.46 0.00	64.59 2.58 0.00	81.24 2.12 -32.69	74.42 2.36 -19.78	80.92 1.87 -37.64	70.39 1.58 -32.98	58.07 2.36 0.00	94.34 3.16 0.00	71.58 2.23 0.00
ALBANY___3 23573	49.93 1.78 0.00	49.46 1.69 0.00	42.15 1.44 0.00	45.07 1.53 0.00	47.09 1.60 0.00	56.76 1.93 0.00	70.93 2.58 0.00	54.98 1.88 -7.49	54.58 2.07 0.00	48.77 1.57 0.00	57.31 1.96 0.00	60.24 2.04 0.00	57.05 2.01 0.00	64.14 2.08 0.00	64.04 2.09 0.00	67.10 2.46 0.00	64.59 2.58 0.00	81.24 2.12 -32.69	74.42 2.36 -19.78	80.92 1.87 -37.64	70.39 1.58 -32.98	58.07 2.36 0.00	94.34 3.16 0.00	71.58 2.23 0.00
ALBANY___4 23574	49.93 1.78 0.00	49.46 1.69 0.00	42.15 1.44 0.00	45.07 1.53 0.00	47.09 1.60 0.00	56.76 1.93 0.00	70.93 2.58 0.00	54.98 1.88 -7.49	54.58 2.07 0.00	48.77 1.57 0.00	57.31 1.96 0.00	60.24 2.04 0.00	57.05 2.01 0.00	64.14 2.08 0.00	64.04 2.09 0.00	67.10 2.46 0.00	64.59 2.58 0.00	81.24 2.12 -32.69	74.42 2.36 -19.78	80.92 1.87 -37.64	70.39 1.58 -32.98	58.07 2.36 0.00	94.34 3.16 0.00	71.58 2.23 0.00
ALBANY___LFGE 323615	50.25 2.10 0.00	49.77 2.00 0.00	42.42 1.72 0.00	45.34 1.81 0.00	47.40 1.91 0.00	57.14 2.31 0.00	71.43 3.08 0.00	55.38 2.21 -7.56	54.98 2.47 0.00	49.14 1.95 0.00	57.71 2.37 0.00	60.68 2.48 0.00	57.46 2.41 0.00	64.64 2.58 0.00	64.54 2.58 0.00	67.62 2.99 0.00	65.09 3.08 0.00	86.53 2.49 -37.61	78.26 2.77 -23.20	84.62 2.20 -41.02	70.95 1.86 -33.26	58.45 2.74 0.00	94.96 3.78 0.00	72.06 2.72 0.00
ALCOA_PA_115KV_PL-6C 55860	48.60 0.45 0.00	48.28 0.51 0.00	41.07 0.36 0.00	43.96 0.43 0.00	45.90 0.41 0.00	54.91 0.08 0.00	68.03 -0.32 0.00	45.17 -0.44 0.00	52.16 -0.35 0.00	47.09 -0.11 0.00	54.94 -0.40 0.00	57.80 -0.41 0.00	54.55 -0.49 0.00	61.57 -0.49 0.00	61.54 -0.42 0.00	64.07 -0.57 0.00	61.37 -0.63 0.00	45.65 -0.79 0.00	51.47 -0.82 0.00	40.73 -0.68 0.00	35.34 -0.48 0.00	55.34 -0.37 0.00	91.13 -0.06 0.00	69.65 0.31 0.00
ALCOA_RYNLDS___DRP 24188	48.60 0.45 0.00	48.28 0.51 0.00	41.07 0.36 0.00	43.96 0.43 0.00	45.90 0.41 0.00	54.91 0.08 0.00	68.03 -0.32 0.00	45.17 -0.44 0.00	52.16 -0.35 0.00	47.09 -0.11 0.00	54.94 -0.40 0.00	57.80 -0.41 0.00	54.55 -0.49 0.00	61.57 -0.49 0.00	61.54 -0.42 0.00	64.07 -0.57 0.00	61.37 -0.63 0.00	45.65 -0.79 0.00	51.47 -0.82 0.00	40.73 -0.68 0.00	35.34 -0.48 0.00	55.34 -0.37 0.00	91.13 -0.06 0.00	69.65 0.31 0.00
ALCOA___DSASP 323711	48.60 0.45 0.00	48.28 0.51 0.00	41.07 0.36 0.00	43.96 0.43 0.00	45.90 0.41 0.00	54.92 0.08 0.00	68.03 -0.32 0.00	45.17 -0.44 0.00	52.16 -0.35 0.00	47.09 -0.11 0.00	54.94 -0.41 0.00	57.80 -0.41 0.00	54.55 -0.49 0.00	61.57 -0.49 0.00	61.54 -0.42 0.00	64.07 -0.56 0.00	61.37 -0.64 0.00	45.65 -0.79 0.00	51.47 -0.82 0.00	40.73 -0.68 0.00	35.35 -0.48 0.00	55.33 -0.38 0.00	91.13 -0.06 0.00	69.65 0.31 0.00
ALLEGHENY___COGEN 23514	50.78 -1.76 -4.39	45.83 -1.94 0.00	39.09 -1.62 0.00	41.92 -1.61 0.00	44.02 -1.46 0.00	53.39 -1.44 0.00	67.23 -1.12 0.00	46.06 -0.57 -1.02	51.55 -0.97 0.00	46.35 -0.85 0.00	54.55 -0.79 0.00	56.96 -1.24 0.00	54.81 -1.45 -1.21	81.83 -1.53 -21.30	78.85 -1.35 -18.25	81.76 -1.50 -18.62	105.55 -1.09 -44.62	103.26 -0.35 -57.18	113.16 -0.55 -61.42	101.54 -0.64 -60.77	92.24 -0.75 -57.17	104.27 -1.73 -50.30	191.08 -2.00 -101.91	149.98 -1.65 -82.28
ALTAMONT_115KV_TB 2 55880	49.75 1.60 0.00	49.30 1.53 0.00	42.01 1.30 0.00	44.92 1.39 0.00	46.93 1.45 0.00	56.61 1.78 0.00	70.75 2.40 0.00	54.84 1.75 -7.49	54.43 1.92 0.00	48.66 1.47 0.00	57.15 1.81 0.00	60.05 1.85 0.00	56.85 1.80 0.00	63.98 1.92 0.00	63.87 1.91 0.00	66.87 2.24 0.00	64.38 2.38 0.00	77.53 1.95 -29.14	71.77 2.20 -17.29	78.43 1.74 -35.28	70.26 1.47 -32.95	57.83 2.12 0.00	94.15 2.97 0.00	71.43 2.09 0.00
ALTONA_WT_PWR 323606	47.54 -0.61 0.00	47.21 -0.56 0.00	40.12 -0.59 0.00	42.93 -0.60 0.00	44.84 -0.65 0.00	53.79 -1.04 0.00	66.62 -1.73 0.00	44.33 -1.28 0.00	51.27 -1.24 0.00	46.14 -1.05 0.00	54.00 -1.35 0.00	56.89 -1.31 0.00	53.49 -1.56 0.00	60.57 -1.49 0.00	60.67 -1.29 0.00	63.94 -0.69 0.00	61.66 -0.35 0.00	45.90 -0.54 0.00	51.59 -0.70 0.00	40.66 -0.75 0.00	35.11 -0.72 0.00	54.90 -0.81 0.00	90.28 -0.90 0.00	69.31 -0.03 0.00
AMERICAN_REF_FUEL 24010	41.38 -5.80 0.96	41.86 -5.91 0.00	35.66 -5.05 0.00	38.35 -5.18 0.00	40.08 -5.41 0.00	48.23 -6.60 0.00	59.30 -9.05 0.00	40.21 -6.31 -0.91	45.01 -7.50 0.00	40.71 -6.48 0.00	48.19 -7.16 0.00	50.40 -7.81 0.00	47.42 -7.37 0.26	49.80 -7.57 4.69	50.61 -7.29 4.05	52.69 -7.84 4.10	44.34 -7.76 9.91	31.30 -5.79 9.34	33.67 -6.70 11.91	27.32 -5.42 8.67	23.92 -4.65 7.25	36.83 -7.71 11.17	57.80 -11.23 22.15	43.60 -8.11 17.63
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.29 -4.83 1.02	42.67 -5.11 0.00	36.77 -3.94 0.00	39.90 -3.63 0.00	41.95 -3.54 0.00	49.94 -4.89 0.00	62.22 -6.13 0.00	42.78 -3.84 -1.02	48.20 -4.31 0.00	43.60 -3.59 0.00	51.70 -3.64 0.00	54.12 -4.08 0.00	50.72 -4.06 0.27	52.45 -4.67 4.94	53.00 -4.76 4.20	54.94 -5.42 4.28	45.72 -6.01 10.27	31.91 -4.72 9.81	34.26 -5.68 12.35	27.69 -4.69 9.03	24.14 -4.18 7.50	37.22 -6.91 11.57	57.80 -10.01 23.36	43.30 -7.22 18.82
ARTHUR KILL_GT_1 23520	68.86 3.56 -17.14	56.18 3.37 -5.03	56.07 2.99 -12.38	56.08 3.15 -9.40	56.39 3.14 -7.76	60.43 3.73 -1.87	73.64 5.28 0.00	59.33 4.03 -9.69	58.28 4.23 -1.54	58.03 3.56 -7.27	59.28 3.93 0.00	62.51 4.26 -0.05	59.65 4.28 -0.32	66.14 4.08 0.00	66.82 4.30 -0.56	69.45 4.82 0.00	208.56 5.23 -141.31	138.66 4.41 -87.81	199.76 4.89 -142.58	190.08 3.96 -144.71	118.47 3.25 -79.39	112.40 4.42 -52.27	97.33 6.15 0.00	73.62 4.28 0.00
ARTHUR_KILL_2 23512	68.71 3.42 -17.14	56.04 3.23 -5.03	55.95 2.86 -12.38	55.95 3.02 -9.40	56.26 3.01 -7.76	60.26 3.56 -1.87	73.41 5.06 0.00	59.17 3.87 -9.69	58.12 4.06 -1.54	57.88 3.42 -7.27	59.12 3.78 0.00	62.35 4.10 -0.05	59.50 4.13 -0.32	65.97 3.91 0.00	66.65 4.13 -0.56	69.26 4.62 0.00	208.35 5.02 -141.31	138.49 4.25 -87.81	199.58 4.71 -142.58	189.94 3.82 -144.71	118.35 3.13 -79.39	112.22 4.23 -52.27	97.02 5.84 0.00	73.41 4.07 0.00
ARTHUR_KILL_3 23513	68.23 2.69 -17.39	55.45 2.59 -5.08	55.60 2.21 -12.68	55.23 2.30 -9.41	55.61 2.33 -7.80	59.67 2.96 -1.88	72.72 4.37 0.00	58.80 3.30 -9.89	57.77 3.64 -1.63	57.74 2.89 -7.66	58.80 3.46 0.00	61.77 3.52 -0.05	58.90 3.51 -0.33	65.63 3.57 0.00	66.15 3.59 -0.60	68.68 4.04 0.00	215.26 4.44 -148.82	141.94 3.80 -91.71	206.20 4.18 -149.73	195.94 3.31 -151.22	120.56 2.70 -82.03	113.73 3.62 -54.40	96.30 5.12 0.00	72.86 3.51 0.00

ARTHUR_KILL_COGEN 323718	68.86 3.56 -17.14	56.18 3.37 -5.03	56.07 2.99 -12.38	56.08 3.15 -9.40	56.39 3.14 -7.76	60.43 3.73 -1.87	73.64 5.28 0.00	59.33 4.03 -9.69	58.28 4.23 -1.54	58.03 3.56 -7.27	59.28 3.93 0.00	62.51 4.26 -0.05	59.65 4.28 -0.32	66.14 4.08 0.00	66.82 4.30 -0.56	69.45 4.82 0.00	208.56 5.23 -141.31	138.66 4.41 -87.81	199.76 4.89 -142.58	190.08 3.96 -144.71	118.47 3.25 -79.39	112.40 4.42 -52.27	97.33 6.15 0.00	73.62 4.28 0.00
ASHOKAN____ 23654	53.07 4.92 0.00	52.48 4.71 0.00	44.69 3.98 0.00	47.74 4.21 0.00	49.92 4.44 0.00	60.44 5.60 0.00	76.14 7.79 0.00	57.82 5.60 -6.61	58.86 6.35 0.00	52.30 5.11 0.00	61.36 6.01 0.00	64.34 6.14 0.00	61.03 5.98 0.00	68.85 6.79 0.00	68.81 6.85 0.00	72.34 7.70 0.00	70.17 8.17 0.00	76.39 6.37 -23.59	73.38 7.35 -13.74	76.81 5.57 -29.83	69.69 4.58 -29.28	62.63 6.92 0.00	101.61 10.43 0.00	76.74 7.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.36 3.21 0.00	50.85 3.08 0.00	43.30 2.59 0.00	46.22 2.69 0.00	48.13 2.65 0.00	58.21 3.38 0.00	73.28 4.93 0.00	54.95 3.60 -5.74	56.35 3.84 0.00	50.32 3.13 0.00	59.05 3.71 0.00	62.07 3.87 0.00	58.85 3.80 0.00	65.91 3.85 0.00	65.84 3.88 0.00	69.01 4.38 0.00	66.79 4.79 0.00	64.71 3.91 -14.36	64.35 4.40 -7.66	66.66 3.50 -21.75	63.94 2.93 -25.18	59.72 4.01 0.00	96.81 5.63 0.00	73.22 3.89 0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.36 3.21 0.00	50.85 3.08 0.00	43.29 2.58 0.00	46.22 2.69 0.00	48.14 2.66 0.00	58.23 3.40 0.00	73.28 4.93 0.00	54.95 3.60 -5.74	56.35 3.84 0.00	50.32 3.13 0.00	59.05 3.71 0.00	62.07 3.87 0.00	58.85 3.80 0.00	65.91 3.85 0.00	65.85 3.89 0.00	69.01 4.38 0.00	66.79 4.79 0.00	64.71 3.91 -14.36	64.35 4.40 -7.66	66.66 3.50 -21.75	63.94 2.93 -25.18	59.72 4.01 0.00	96.81 5.63 0.00	73.23 3.90 0.01
ASTORIA_GT2_1 24094	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT2_2 24095	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT2_3 24096	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT2_4 24097	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT3_1 24098	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT3_2 24099	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT3_3 24100	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT3_4 24101	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT4_1 24102	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT4_2 24103	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT4_3 24104	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01

ASTORIA_GT4_4 24105	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.71 0.00	48.16 2.67 0.00	58.24 3.41 0.00	73.30 4.94 0.00	54.96 3.61 -5.74	56.39 3.88 0.00	50.36 3.16 0.00	59.08 3.74 0.00	62.12 3.92 0.00	58.87 3.82 0.00	65.96 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.84 4.84 0.00	64.75 3.95 -14.36	64.41 4.46 -7.66	66.70 3.53 -21.75	63.96 2.94 -25.18	59.80 4.09 0.00	96.88 5.70 0.00	73.28 3.94 0.01
ASTORIA_GT_1 23523	51.47 3.32 0.00	50.95 3.18 0.00	43.36 2.65 0.00	46.29 2.76 0.00	48.22 2.74 0.00	58.33 3.51 0.00	73.42 5.07 0.00	55.05 3.71 -5.74	56.49 3.98 0.00	50.45 3.26 0.00	59.20 3.86 0.00	62.23 4.03 0.00	58.99 3.95 0.00	66.09 4.03 0.00	66.00 4.05 0.00	69.19 4.55 0.00	66.96 4.95 0.00	64.84 4.04 -14.36	64.50 4.55 -7.66	66.78 3.62 -21.75	64.03 3.02 -25.18	59.86 4.15 0.00	97.02 5.84 0.00	73.39 4.05 0.01
ASTORIA_GT_10 24110	51.33 3.18 0.00	50.86 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.22 3.39 0.00	73.27 4.91 0.00	55.02 3.67 -5.74	56.58 4.07 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.19 4.12 0.00	66.13 4.17 0.00	69.28 4.65 0.00	67.06 5.05 0.00	65.00 4.20 -14.36	64.63 4.68 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.94 4.23 0.00	97.12 5.94 0.00	73.53 4.18 0.00
ASTORIA_GT_11 24225	51.33 3.18 0.00	50.86 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.22 3.39 0.00	73.27 4.91 0.00	55.02 3.67 -5.74	56.58 4.07 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.19 4.12 0.00	66.13 4.17 0.00	69.28 4.65 0.00	67.06 5.05 0.00	65.00 4.20 -14.36	64.63 4.68 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.94 4.23 0.00	97.12 5.94 0.00	73.53 4.18 0.00
ASTORIA_GT_12 24226	51.33 3.18 0.00	50.86 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.22 3.39 0.00	73.27 4.91 0.00	55.02 3.67 -5.74	56.58 4.07 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.19 4.12 0.00	66.13 4.17 0.00	69.28 4.65 0.00	67.06 5.05 0.00	65.00 4.20 -14.36	64.63 4.68 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.94 4.23 0.00	97.12 5.94 0.00	73.53 4.18 0.00
ASTORIA_GT_13 24227	51.33 3.18 0.00	50.86 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.22 3.39 0.00	73.27 4.91 0.00	55.02 3.67 -5.74	56.58 4.07 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.19 4.12 0.00	66.13 4.17 0.00	69.28 4.65 0.00	67.06 5.05 0.00	65.00 4.20 -14.36	64.63 4.68 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.94 4.23 0.00	97.12 5.94 0.00	73.53 4.18 0.00
ASTORIA_GT_5 24106	51.47 3.32 0.00	50.94 3.17 0.00	43.36 2.65 0.00	46.29 2.76 0.00	48.23 2.74 0.00	58.32 3.49 0.00	73.41 5.06 0.00	55.05 3.70 -5.74	56.49 3.98 0.00	50.45 3.26 0.00	59.20 3.86 0.00	62.23 4.03 0.00	58.98 3.93 0.00	66.10 4.04 0.00	66.01 4.06 0.00	69.19 4.55 0.00	66.97 4.96 0.00	64.85 4.05 -14.36	64.53 4.58 -7.66	66.78 3.62 -21.75	64.03 3.01 -25.18	59.90 4.19 0.00	97.01 5.83 0.00	73.39 4.05 0.01
ASTORIA_GT_7 24107	51.47 3.32 0.00	50.94 3.17 0.00	43.36 2.65 0.00	46.29 2.76 0.00	48.23 2.74 0.00	58.32 3.49 0.00	73.41 5.06 0.00	55.05 3.70 -5.74	56.49 3.98 0.00	50.45 3.26 0.00	59.20 3.86 0.00	62.23 4.03 0.00	58.98 3.93 0.00	66.10 4.04 0.00	66.01 4.06 0.00	69.19 4.55 0.00	66.97 4.96 0.00	64.85 4.05 -14.36	64.53 4.58 -7.66	66.78 3.62 -21.75	64.03 3.01 -25.18	59.90 4.19 0.00	97.01 5.83 0.00	73.39 4.05 0.01
ASTORIA_GT_8 24108	51.47 3.32 0.00	50.94 3.17 0.00	43.36 2.65 0.00	46.29 2.76 0.00	48.23 2.74 0.00	58.32 3.49 0.00	73.41 5.06 0.00	55.05 3.70 -5.74	56.49 3.98 0.00	50.45 3.26 0.00	59.20 3.86 0.00	62.23 4.03 0.00	58.98 3.93 0.00	66.10 4.04 0.00	66.01 4.06 0.00	69.19 4.55 0.00	66.97 4.96 0.00	64.85 4.05 -14.36	64.53 4.58 -7.66	66.78 3.62 -21.75	64.03 3.01 -25.18	59.90 4.19 0.00	97.01 5.83 0.00	73.39 4.05 0.01
ASTORIA___2 24149	51.38 3.23 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.70 0.00	48.16 2.68 0.00	58.24 3.41 0.00	73.30 4.95 0.00	54.97 3.62 -5.74	56.40 3.89 0.00	50.36 3.16 0.00	59.09 3.74 0.00	62.12 3.92 0.00	58.87 3.83 0.00	65.95 3.90 0.00	65.88 3.92 0.00	69.06 4.42 0.00	66.83 4.83 0.00	64.74 3.95 -14.36	64.38 4.43 -7.66	66.70 3.53 -21.75	63.96 2.95 -25.18	59.75 4.04 0.00	96.85 5.67 0.00	73.26 3.93 0.01
ASTORIA___3 23516	51.33 3.18 0.00	50.87 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.23 3.40 0.00	73.26 4.91 0.00	55.02 3.68 -5.74	56.57 4.06 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.18 4.12 0.00	66.12 4.16 0.00	69.29 4.65 0.00	67.05 5.04 0.00	65.00 4.20 -14.36	64.61 4.66 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.90 4.19 0.00	97.12 5.94 0.00	73.53 4.18 0.00
ASTORIA___4 23517	51.33 3.18 0.00	50.86 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.22 3.39 0.00	73.27 4.91 0.00	55.02 3.67 -5.74	56.57 4.06 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.19 4.12 0.00	66.13 4.17 0.00	69.28 4.65 0.00	67.06 5.05 0.00	65.00 4.20 -14.36	64.63 4.68 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.94 4.23 0.00	97.11 5.93 0.00	73.53 4.18 0.00
ASTORIA___5 23518	51.33 3.18 0.00	50.87 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.23 3.40 0.00	73.26 4.91 0.00	55.02 3.68 -5.74	56.57 4.06 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.18 4.12 0.00	66.12 4.16 0.00	69.29 4.65 0.00	67.05 5.04 0.00	65.00 4.20 -14.36	64.61 4.66 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.90 4.19 0.00	97.12 5.94 0.00	73.53 4.18 0.00
AST_ENERGY_2_CC3 323677	51.03 2.88 0.00	50.54 2.76 0.00	43.08 2.37 0.00	46.01 2.48 0.00	47.99 2.50 0.00	57.98 3.15 0.00	72.96 4.61 0.00	54.82 3.47 -5.74	56.41 3.90 0.00	50.30 3.11 0.00	58.96 3.62 0.00	61.90 3.69 0.00	58.73 3.68 0.00	65.81 3.75 0.00	65.72 3.77 0.00	68.84 4.20 0.00	66.58 4.57 0.00	64.71 3.91 -14.36	64.28 4.33 -7.66	66.60 3.44 -21.75	63.83 2.83 -25.18	59.52 3.81 0.00	96.50 5.32 0.00	73.01 3.67 0.00
AST_ENERGY_2_CC4 323678	51.03 2.88 0.00	50.54 2.76 0.00	43.08 2.37 0.00	46.01 2.48 0.00	47.99 2.50 0.00	57.98 3.15 0.00	72.96 4.61 0.00	54.82 3.47 -5.74	56.41 3.90 0.00	50.30 3.11 0.00	58.96 3.62 0.00	61.90 3.69 0.00	58.73 3.68 0.00	65.81 3.75 0.00	65.72 3.77 0.00	68.84 4.20 0.00	66.58 4.57 0.00	64.71 3.91 -14.36	64.28 4.33 -7.66	66.60 3.44 -21.75	63.83 2.83 -25.18	59.52 3.81 0.00	96.50 5.32 0.00	73.01 3.67 0.00

ATHENS_STG_1 23668	49.99 1.84 0.00	49.53 1.76 0.00	42.22 1.51 0.00	45.11 1.58 0.00	47.11 1.63 0.00	56.87 2.04 0.00	71.21 2.86 0.00	54.41 2.10 -6.70	54.81 2.30 0.00	48.99 1.80 0.00	57.59 2.24 0.00	60.52 2.31 0.00	57.30 2.26 0.00	64.41 2.35 0.00	64.29 2.33 0.00	67.31 2.67 0.00	64.83 2.82 0.00	64.08 2.36 -15.29	62.85 2.65 -7.91	67.87 2.11 -24.36	66.87 1.76 -29.29	58.16 2.45 0.00	94.69 3.51 0.00	71.79 2.45 0.00
ATHENS_STG_2 23670	49.99 1.84 0.00	49.53 1.76 0.00	42.22 1.51 0.00	45.11 1.58 0.00	47.11 1.63 0.00	56.87 2.04 0.00	71.21 2.86 0.00	54.41 2.10 -6.70	54.81 2.30 0.00	48.99 1.80 0.00	57.59 2.24 0.00	60.52 2.31 0.00	57.30 2.26 0.00	64.41 2.35 0.00	64.29 2.33 0.00	67.31 2.67 0.00	64.83 2.82 0.00	64.08 2.36 -15.29	62.85 2.65 -7.91	67.87 2.11 -24.36	66.87 1.76 -29.29	58.16 2.45 0.00	94.69 3.51 0.00	71.79 2.45 0.00
ATHENS_STG_3 23677	49.99 1.84 0.00	49.53 1.76 0.00	42.22 1.51 0.00	45.11 1.58 0.00	47.11 1.63 0.00	56.87 2.04 0.00	71.21 2.86 0.00	54.41 2.10 -6.70	54.81 2.30 0.00	48.99 1.80 0.00	57.59 2.24 0.00	60.52 2.31 0.00	57.30 2.26 0.00	64.41 2.35 0.00	64.29 2.33 0.00	67.31 2.67 0.00	64.83 2.82 0.00	64.08 2.36 -15.29	62.85 2.65 -7.91	67.87 2.11 -24.36	66.87 1.76 -29.29	58.16 2.45 0.00	94.69 3.51 0.00	71.79 2.45 0.00
AUBURN___LFGE 323710	47.25 -0.90 0.00	46.98 -0.79 0.00	40.06 -0.65 0.00	42.87 -0.67 0.00	44.86 -0.63 0.00	54.19 -0.64 0.00	67.84 -0.51 0.00	45.88 -0.45 -0.72	51.90 -0.61 0.00	46.60 -0.59 0.00	54.76 -0.59 0.00	57.44 -0.77 0.00	54.34 -0.71 0.00	61.24 -0.82 0.00	61.35 -0.61 0.00	63.99 -0.65 0.00	61.41 -0.59 0.00	48.17 -0.20 -1.93	53.04 -0.28 -1.03	44.14 -0.16 -2.89	38.97 -0.19 -3.33	55.07 -0.64 0.00	90.15 -1.03 0.00	68.48 -0.87 0.00
BABYLON_RES_REC 323704	56.20 4.28 -3.78	51.76 3.99 0.00	44.00 3.29 0.00	47.03 3.50 0.00	48.99 3.50 0.00	59.36 4.53 0.00	74.57 6.22 0.00	55.92 4.57 -5.74	57.58 5.06 0.00	51.15 3.95 0.00	59.92 4.57 0.00	62.97 4.77 0.00	59.48 4.43 0.00	67.02 4.96 0.00	66.65 4.69 0.00	70.00 5.36 0.00	67.45 5.44 0.00	65.04 4.24 -14.37	64.68 4.73 -7.66	72.02 4.19 -26.42	64.72 3.70 -25.19	61.30 5.59 0.00	99.19 8.01 0.00	75.10 5.76 0.00
BABYLON___69_KV_BK2 356345	56.72 4.83 -3.74	52.29 4.51 0.00	44.45 3.74 0.00	47.50 3.97 0.00	49.49 4.01 0.00	60.02 5.19 0.00	75.42 7.07 0.00	56.48 5.13 -5.74	58.20 5.69 0.00	51.67 4.48 0.00	60.54 5.20 0.00	63.63 5.43 0.00	60.10 5.05 0.00	67.77 5.72 0.00	67.76 5.80 0.00	71.33 6.69 0.00	68.84 6.83 0.00	66.16 5.36 -14.37	65.90 5.95 -7.66	72.93 5.19 -26.32	65.46 4.44 -25.19	62.14 6.43 0.00	100.49 9.30 0.00	76.03 6.69 0.00
BALL_HILL_WT_PWR 323825	42.17 -4.61 1.37	43.02 -4.75 0.00	36.79 -3.92 0.00	39.69 -3.84 0.00	41.65 -3.84 0.00	49.92 -4.91 0.00	61.93 -6.42 0.00	42.30 -4.29 -0.98	47.47 -5.04 0.00	42.94 -4.26 0.00	50.86 -4.49 0.00	53.21 -4.99 0.00	49.88 -4.80 0.37	50.19 -5.23 6.63	51.22 -5.09 5.65	53.18 -5.71 5.76	42.26 -5.94 13.81	27.75 -4.45 14.24	29.82 -5.31 17.16	23.37 -4.35 13.69	20.14 -3.84 11.85	33.72 -6.43 15.56	50.58 -9.16 31.45	37.31 -6.67 25.35
BARON_WINDS___WT_PWR 323822	36.61 -4.39 7.14	43.37 -4.40 0.00	37.01 -3.70 0.00	39.70 -3.83 0.00	41.78 -3.71 0.00	50.69 -4.14 0.00	64.14 -4.22 0.00	44.31 -2.60 -1.30	48.99 -3.52 0.00	44.03 -3.16 0.00	52.07 -3.27 0.00	54.67 -3.53 0.00	49.62 -3.45 1.97	23.27 -4.15 34.64	28.20 -4.13 29.63	29.91 -4.50 30.23	-14.68 -4.24 72.45	-41.53 -3.00 84.97	-46.60 -3.39 95.50	-48.50 -2.89 87.03	-46.48 -2.76 79.55	-30.60 -4.65 81.66	-80.30 -6.09 165.38	-68.99 -4.83 133.51
BARRETT_IC_1 23704	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_10 23701	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_11 23702	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_12 23703	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_2 23705	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_3 23706	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_4 23707	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00

BARRETT_IC_5 23708	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_6 23709	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_7 23710	55.56 3.74 -3.67	51.30 3.53 0.00	43.61 2.91 0.00	46.62 3.09 0.00	48.57 3.09 0.00	58.77 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.90 4.39 0.00	50.62 3.43 0.00	59.41 4.07 0.00	62.47 4.27 0.00	59.10 4.06 0.00	66.47 4.41 0.00	66.44 4.48 0.00	69.66 5.02 0.00	67.20 5.19 0.00	65.06 4.26 -14.37	64.69 4.74 -7.66	71.47 3.99 -26.07	64.39 3.37 -25.19	60.47 4.76 0.00	97.78 6.60 0.00	74.22 4.88 0.00
BARRETT_IC_8 23711	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT_IC_9 23700	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT___1 23545	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BARRETT___2 23546	55.56 3.74 -3.67	51.30 3.52 0.00	43.62 2.91 0.00	46.63 3.09 0.00	48.57 3.09 0.00	58.78 3.94 0.00	73.74 5.39 0.00	55.28 3.93 -5.74	56.89 4.38 0.00	50.62 3.42 0.00	59.40 4.06 0.00	62.45 4.25 0.00	59.10 4.05 0.00	66.46 4.40 0.00	66.44 4.48 0.00	69.67 5.03 0.00	67.19 5.18 0.00	65.05 4.25 -14.37	64.69 4.73 -7.66	71.47 3.98 -26.07	64.39 3.37 -25.19	60.44 4.73 0.00	97.75 6.56 0.00	74.22 4.88 0.00
BATAVIA__115KV_TB1 55881	44.25 -3.23 0.67	44.39 -3.38 0.00	37.80 -2.90 0.00	40.63 -2.90 0.00	42.51 -2.97 0.00	51.24 -3.59 0.00	63.50 -4.85 0.00	43.11 -3.33 -0.84	48.51 -4.00 0.00	43.72 -3.48 0.00	51.57 -3.78 0.00	53.99 -4.21 0.00	50.46 -4.40 0.18	54.29 -4.55 3.22	55.01 -4.17 2.77	57.65 -4.18 2.81	51.17 -4.06 6.78	37.69 -2.81 5.94	41.00 -3.40 7.89	33.41 -2.80 5.20	29.30 -2.44 4.09	43.48 -4.59 7.64	69.65 -6.28 15.26	52.49 -4.65 12.20
BAYONEEC___CTG1 323682	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BAYONEEC___CTG10 323750	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BAYONEEC___CTG2 323683	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BAYONEEC___CTG3 323684	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BAYONEEC___CTG4 323685	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BAYONEEC___CTG5 323686	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BAYONEEC___CTG6 323687	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00

BAYONEEC___CTG7 323688	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BAYONEEC___CTG8 323689	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BAYONEEC___CTG9 323749	51.10 2.95 0.00	50.60 2.83 0.00	43.12 2.41 0.00	46.05 2.51 0.00	48.03 2.55 0.00	58.06 3.23 0.00	73.05 4.70 0.00	54.87 3.52 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.09 3.74 0.00	62.01 3.81 0.00	58.82 3.77 0.00	65.95 3.89 0.00	65.87 3.92 0.00	68.98 4.34 0.00	66.72 4.71 0.00	64.80 4.00 -14.36	64.38 4.43 -7.66	66.69 3.54 -21.75	63.90 2.88 -25.18	59.64 3.92 0.00	96.77 5.59 0.00	73.20 3.86 0.00
BEACON___LESR 323632	50.68 2.53 0.00	50.16 2.39 0.00	42.79 2.09 0.00	45.80 2.27 0.00	47.85 2.36 0.00	57.71 2.88 0.00	72.30 3.94 0.00	55.92 2.82 -7.49	55.66 3.15 0.00	49.64 2.45 0.00	58.34 3.00 0.00	61.20 3.00 0.00	57.82 2.78 0.00	65.32 3.26 0.00	65.16 3.21 0.00	68.34 3.70 0.00	65.91 3.90 0.00	82.72 3.22 -33.06	75.96 3.64 -20.04	82.11 2.84 -37.87	71.15 2.37 -32.95	59.25 3.54 0.00	96.18 5.00 0.00	72.70 3.36 0.00
BEAVER RIVER___HYD 24048	45.92 -2.23 0.00	45.60 -2.17 0.00	38.84 -1.87 0.00	41.62 -1.91 0.00	43.41 -2.08 0.00	52.45 -2.39 0.00	65.75 -2.60 0.00	44.21 -1.59 -0.20	50.78 -1.73 0.00	45.64 -1.56 0.00	53.27 -2.07 0.00	55.38 -2.83 0.00	52.72 -2.33 0.00	59.12 -2.94 0.00	58.94 -3.02 0.00	61.77 -2.87 0.00	60.12 -1.89 0.00	45.29 -1.30 -0.16	51.20 -1.11 -0.02	41.06 -0.92 -0.57	35.74 -1.04 -0.96	54.19 -1.52 0.00	90.32 -0.86 0.00	69.19 -0.15 0.00
BEEBEE_GT_13 23619	45.26 -2.89 0.00	44.79 -2.98 0.00	38.17 -2.54 0.00	40.94 -2.60 0.00	42.80 -2.69 0.00	51.59 -3.24 0.00	64.13 -4.22 0.00	43.47 -2.86 -0.72	49.10 -3.41 0.00	44.28 -2.91 0.00	52.24 -3.10 0.00	54.76 -3.44 0.00	51.71 -3.34 0.00	58.43 -3.63 0.00	58.58 -3.38 0.00	61.04 -3.59 0.00	58.45 -3.55 0.00	44.50 -2.47 -0.53	49.39 -2.97 -0.07	40.90 -2.42 -1.92	36.91 -2.14 -3.21	51.87 -3.84 0.00	85.59 -5.59 0.00	65.15 -4.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	69.08 3.79 -17.14	56.45 3.64 -5.03	56.19 3.11 -12.38	56.18 3.25 -9.40	56.52 3.27 -7.76	60.74 4.04 -1.87	74.08 5.73 0.00	59.60 4.29 -9.69	58.76 4.71 -1.54	58.41 3.94 -7.27	59.94 4.59 0.00	63.10 4.85 -0.05	60.13 4.77 -0.32	66.90 4.85 0.00	67.47 4.95 -0.56	70.11 5.47 0.00	209.18 5.86 -141.31	139.08 4.84 -87.81	200.25 5.38 -142.58	190.43 4.31 -144.71	118.75 3.53 -79.39	112.92 4.94 -52.27	98.23 7.05 0.00	74.29 4.95 0.00
BETHLEHEM___GRP 23843	49.93 1.78 0.00	49.46 1.69 0.00	42.15 1.44 0.00	45.07 1.53 0.00	47.09 1.60 0.00	56.76 1.93 0.00	70.93 2.58 0.00	54.98 1.88 -7.49	54.58 2.07 0.00	48.77 1.57 0.00	57.31 1.96 0.00	60.24 2.04 0.00	57.05 2.01 0.00	64.14 2.08 0.00	64.04 2.09 0.00	67.10 2.46 0.00	64.59 2.58 0.00	81.24 2.12 -32.69	74.42 2.36 -19.78	80.92 1.87 -37.64	70.39 1.58 -32.98	58.07 2.36 0.00	94.34 3.16 0.00	71.58 2.23 0.00
BETHLEHEM___GS1 323560	49.94 1.78 0.00	49.46 1.69 0.00	42.15 1.44 0.00	45.07 1.53 0.00	47.09 1.60 0.00	56.76 1.93 0.00	70.93 2.58 0.00	54.98 1.88 -7.49	54.58 2.07 0.00	48.77 1.58 0.00	57.30 1.96 0.00	60.24 2.04 0.00	57.06 2.01 0.00	64.14 2.08 0.00	64.04 2.08 0.00	67.09 2.46 0.00	64.59 2.58 0.00	81.25 2.12 -32.69	74.42 2.36 -19.78	80.92 1.88 -37.64	70.39 1.58 -32.98	58.04 2.33 0.00	94.33 3.14 0.00	71.57 2.23 0.00
BETHLEHEM___GS2 323561	49.94 1.78 0.00	49.46 1.69 0.00	42.15 1.44 0.00	45.07 1.53 0.00	47.09 1.60 0.00	56.76 1.93 0.00	70.93 2.58 0.00	54.98 1.88 -7.49	54.58 2.07 0.00	48.77 1.58 0.00	57.30 1.96 0.00	60.24 2.04 0.00	57.06 2.01 0.00	64.14 2.08 0.00	64.04 2.08 0.00	67.09 2.46 0.00	64.59 2.58 0.00	81.25 2.12 -32.69	74.42 2.36 -19.78	80.92 1.88 -37.64	70.39 1.58 -32.98	58.04 2.33 0.00	94.33 3.14 0.00	71.57 2.23 0.00
BETHLEHEM___GS3 323562	49.94 1.78 0.00	49.46 1.69 0.00	42.15 1.44 0.00	45.07 1.53 0.00	47.09 1.60 0.00	56.76 1.93 0.00	70.93 2.58 0.00	54.98 1.88 -7.49	54.58 2.07 0.00	48.77 1.58 0.00	57.30 1.96 0.00	60.24 2.04 0.00	57.06 2.01 0.00	64.14 2.08 0.00	64.04 2.08 0.00	67.09 2.46 0.00	64.59 2.58 0.00	81.25 2.12 -32.69	74.42 2.36 -19.78	80.92 1.88 -37.64	70.39 1.58 -32.98	58.04 2.33 0.00	94.33 3.14 0.00	71.57 2.23 0.00
BETHLEHEM___STEEL 23779	42.49 -4.38 1.27	43.26 -4.51 0.00	36.88 -3.83 0.00	39.71 -3.82 0.00	41.59 -3.90 0.00	50.04 -4.79 0.00	61.94 -6.41 0.00	42.22 -4.37 -0.98	47.25 -5.26 0.00	42.74 -4.46 0.00	50.59 -4.75 0.00	52.90 -5.30 0.00	49.66 -5.05 0.34	50.46 -5.44 6.16	51.43 -5.28 5.25	53.50 -5.79 5.35	43.26 -5.92 12.84	29.10 -4.31 13.02	31.32 -5.12 15.84	24.82 -4.16 12.42	21.54 -3.62 10.67	34.87 -6.37 14.47	53.04 -8.95 29.19	39.29 -6.55 23.50
BETHLHEM_115KV_TB1 79974	49.91 1.76 0.00	49.43 1.66 0.00	42.12 1.41 0.00	45.03 1.50 0.00	47.05 1.57 0.00	56.74 1.91 0.00	70.90 2.55 0.00	54.95 1.85 -7.49	54.55 2.04 0.00	48.76 1.56 0.00	57.27 1.93 0.00	60.20 2.00 0.00	57.00 1.96 0.00	64.09 2.03 0.00	64.00 2.04 0.00	67.05 2.41 0.00	64.55 2.55 0.00	80.35 2.08 -31.83	73.79 2.33 -19.17	80.32 1.86 -37.06	70.34 1.56 -32.95	58.03 2.32 0.00	94.31 3.13 0.00	71.54 2.20 0.00
BETHPAGE_CC_5 323564	56.19 4.15 -3.89	51.67 3.90 0.00	43.90 3.19 0.00	46.87 3.34 0.00	48.81 3.32 0.00	58.99 4.16 0.00	74.02 5.67 0.00	55.50 4.14 -5.74	57.16 4.64 0.00	50.80 3.60 0.00	59.55 4.21 0.00	62.64 4.43 0.00	59.18 4.13 0.00	66.64 4.58 0.00	66.57 4.61 0.00	69.89 5.25 0.00	67.46 5.45 0.00	65.20 4.40 -14.37	64.87 4.92 -7.66	72.31 4.20 -26.70	64.58 3.56 -25.19	60.76 5.05 0.00	98.44 7.26 0.00	74.61 5.27 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.83 -4.12 1.20	43.50 -4.27 0.00	37.06 -3.65 0.00	39.91 -3.62 0.00	41.82 -3.67 0.00	50.34 -4.49 0.00	62.35 -6.00 0.00	42.49 -4.11 -0.99	47.59 -4.92 0.00	43.03 -4.16 0.00	50.95 -4.39 0.00	53.29 -4.92 0.00	50.04 -4.68 0.32	51.26 -5.03 5.78	52.16 -4.87 4.92	54.22 -5.40 5.01	44.44 -5.53 12.04	30.39 -4.03 12.01	32.72 -4.82 14.75	26.14 -3.92 11.35	22.72 -3.44 9.67	36.04 -6.10 13.57	55.30 -8.51 27.37	41.08 -6.22 22.03

BINGHAMTON___COGEN 23790	47.23 -0.92 0.00	46.82 -0.96 0.00	39.92 -0.80 0.00	42.70 -0.83 0.00	44.70 -0.79 0.00	54.02 -0.81 0.00	67.67 -0.68 0.00	47.14 -0.37 -1.90	51.99 -0.51 0.00	46.67 -0.53 0.00	54.92 -0.42 0.00	57.74 -0.47 0.00	54.63 -0.42 0.00	61.55 -0.51 0.00	61.42 -0.53 0.00	64.09 -0.55 0.00	61.54 -0.46 0.00	51.56 -0.16 -5.28	55.00 -0.18 -2.89	48.80 -0.21 -7.60	43.98 -0.30 -8.45	54.92 -0.79 0.00	90.08 -1.10 0.00	68.34 -1.00 0.00
BIXINCNT_115KV_LOAD 355685	43.51 -3.87 0.78	43.27 -4.50 0.00	36.66 -4.05 0.00	39.99 -3.54 0.00	42.14 -3.35 0.00	51.15 -3.68 0.00	63.57 -4.79 0.00	43.04 -3.63 -1.06	48.65 -3.86 0.00	44.13 -3.07 0.00	52.40 -2.94 0.00	54.70 -3.51 0.00	51.35 -3.49 0.21	54.51 -3.80 3.75	55.07 -3.70 3.19	56.98 -4.41 3.25	49.77 -4.43 7.80	36.54 -3.21 6.68	38.77 -4.55 8.97	32.13 -3.55 5.73	27.84 -3.57 4.42	40.06 -6.86 8.80	63.94 -9.52 17.72	48.49 -6.59 14.26
BLACK RIVER___HYD 24047	45.78 -2.37 0.00	45.41 -2.36 0.00	38.68 -2.03 0.00	41.43 -2.10 0.00	43.26 -2.23 0.00	52.40 -2.44 0.00	65.84 -2.51 0.00	44.49 -1.40 -0.29	50.97 -1.54 0.00	45.62 -1.57 0.00	53.17 -2.18 0.00	55.26 -2.94 0.00	52.35 -2.70 0.00	58.76 -3.30 0.00	58.60 -3.35 0.00	61.60 -3.04 0.00	60.26 -1.75 0.00	45.66 -1.00 -0.22	51.51 -0.81 -0.03	41.48 -0.73 -0.80	36.33 -0.84 -1.34	54.48 -1.23 0.00	91.04 -0.14 0.00	69.54 0.21 0.00
BLACKRVR_115KV_TB2 79977	45.78 -2.37 0.00	45.41 -2.36 0.00	38.68 -2.03 0.00	41.43 -2.10 0.00	43.26 -2.23 0.00	52.40 -2.43 0.00	65.84 -2.51 0.00	44.50 -1.40 -0.29	50.97 -1.54 0.00	45.63 -1.57 0.00	53.17 -2.17 0.00	55.25 -2.95 0.00	52.35 -2.69 0.00	58.76 -3.30 0.00	58.61 -3.35 0.00	61.59 -3.04 0.00	60.26 -1.75 0.00	45.66 -1.00 -0.22	51.51 -0.81 -0.03	41.48 -0.73 -0.80	36.33 -0.84 -1.34	54.48 -1.23 0.00	91.03 -0.15 0.00	69.54 0.20 0.00
BLISS_WT_PWR 323608	43.25 -4.12 0.78	42.91 -4.86 0.00	36.28 -4.43 0.00	39.73 -3.81 0.00	41.92 -3.57 0.00	51.01 -3.82 0.00	63.45 -4.90 0.00	42.86 -3.80 -1.06	48.59 -3.92 0.00	44.12 -3.08 0.00	52.42 -2.92 0.00	54.65 -3.55 0.00	51.24 -3.60 0.21	54.42 -3.89 3.75	55.08 -3.68 3.19	56.95 -4.44 3.25	49.87 -4.34 7.80	36.53 -3.22 6.68	38.58 -4.74 8.97	32.00 -3.69 5.73	27.59 -3.82 4.42	39.79 -7.12 8.80	63.47 -9.99 17.72	48.28 -6.80 14.26
BLUESTONE___WT_PWR 323821	46.73 -1.43 0.00	46.38 -1.39 0.00	39.52 -1.19 0.00	42.21 -1.33 0.00	44.39 -1.09 0.00	54.17 -0.66 0.00	68.63 0.28 0.00	48.93 1.09 -2.24	54.86 2.35 0.00	49.23 2.04 0.00	58.18 2.84 0.00	61.64 3.44 0.00	57.50 2.45 0.00	64.04 1.98 0.00	63.42 1.46 0.00	67.69 3.05 0.00	64.33 2.32 0.00	55.83 2.20 -7.19	57.69 1.23 -4.17	51.38 0.78 -9.19	45.15 0.20 -9.13	55.35 -0.36 0.00	90.24 -0.94 0.00	68.55 -0.79 0.00
BLUE_CIRC_CHEM_DRP 24182	50.10 1.95 0.00	49.66 1.89 0.00	42.33 1.61 0.00	45.26 1.72 0.00	47.31 1.82 0.00	57.02 2.19 0.00	71.24 2.89 0.00	54.96 2.00 -7.35	54.70 2.19 0.00	48.85 1.66 0.00	57.30 1.96 0.00	60.17 1.97 0.00	56.93 1.89 0.00	64.03 1.96 0.00	64.05 2.09 0.00	67.16 2.52 0.00	64.72 2.72 0.00	76.60 2.18 -27.99	71.25 2.43 -16.53	77.56 1.92 -34.23	69.83 1.63 -32.37	58.12 2.40 0.00	94.62 3.44 0.00	71.81 2.47 0.00
BOC_GAS_DRP 24189	49.64 1.48 0.00	49.20 1.42 0.00	41.93 1.22 0.00	44.82 1.29 0.00	46.83 1.34 0.00	56.47 1.64 0.00	70.57 2.22 0.00	54.69 1.62 -7.46	54.28 1.78 0.00	48.55 1.35 0.00	57.03 1.68 0.00	59.93 1.73 0.00	56.74 1.69 0.00	63.84 1.78 0.00	63.72 1.77 0.00	66.71 2.07 0.00	64.21 2.20 0.00	75.26 1.81 -27.01	70.13 2.04 -15.81	76.85 1.61 -33.82	70.02 1.36 -32.83	57.68 1.97 0.00	93.89 2.71 0.00	71.25 1.91 0.00
BOONVILLE_115KV_TB1 79983	48.04 -0.11 0.00	47.68 -0.09 0.00	40.61 -0.10 0.00	43.47 -0.06 0.00	45.40 -0.09 0.00	54.89 0.06 0.00	68.66 0.31 0.00	46.02 0.25 -0.16	52.89 0.38 0.00	47.50 0.31 0.00	55.85 0.51 0.00	58.37 0.17 0.00	55.44 0.39 0.00	62.35 0.29 0.00	62.22 0.26 0.00	65.04 0.40 0.00	62.76 0.75 0.00	47.23 0.65 -0.14	53.21 0.90 -0.02	42.58 0.68 -0.49	37.05 0.40 -0.82	56.28 0.57 0.00	92.77 1.59 0.00	70.69 1.35 0.00
BORALEX_4TH_BRANCH 23824	51.43 3.27 0.00	51.00 3.23 0.00	43.47 2.76 0.00	46.48 2.95 0.00	48.58 3.10 0.00	58.55 3.72 0.00	73.00 4.65 0.00	56.30 3.24 -7.45	56.14 3.63 0.00	50.04 2.84 0.00	58.79 3.45 0.00	61.88 3.68 0.00	58.61 3.56 0.00	65.94 3.88 0.00	65.72 3.76 0.00	68.88 4.24 0.00	66.24 4.24 0.00	88.66 3.39 -38.83	80.22 3.82 -24.11	86.05 3.09 -41.56	71.20 2.65 -32.72	59.64 3.93 0.00	97.00 5.82 0.00	73.49 4.15 0.00
BOWLINE___1 23526	50.70 2.55 0.00	50.22 2.45 0.00	42.80 2.09 0.00	45.72 2.19 0.00	47.72 2.24 0.00	57.71 2.87 0.00	72.49 4.14 0.00	54.04 3.03 -5.40	55.75 3.24 0.00	49.75 2.55 0.00	58.44 3.10 0.00	61.34 3.14 0.00	58.13 3.08 0.00	65.34 3.28 0.00	65.24 3.28 0.00	68.37 3.73 0.00	66.10 4.09 0.00	63.90 3.53 -13.93	63.65 3.93 -7.43	65.64 3.14 -21.09	62.82 2.59 -24.40	59.20 3.49 0.00	96.16 4.99 0.00	72.81 3.47 0.00
BOWLINE___2 23595	50.70 2.55 0.00	50.22 2.45 0.00	42.80 2.09 0.00	45.72 2.19 0.00	47.72 2.23 0.00	57.70 2.87 0.00	72.47 4.12 0.00	54.01 3.00 -5.40	55.68 3.17 0.00	49.68 2.49 0.00	58.34 3.00 0.00	61.26 3.06 0.00	58.03 2.99 0.00	65.26 3.20 0.00	65.16 3.20 0.00	68.29 3.65 0.00	66.01 4.00 0.00	63.84 3.47 -13.93	63.56 3.84 -7.43	65.57 3.07 -21.09	62.77 2.53 -24.41	59.12 3.41 0.00	96.04 4.86 0.00	72.69 3.35 0.00
BRADY___115KV_TB2 356060	48.78 0.63 0.00	48.47 0.69 0.00	41.23 0.52 0.00	44.13 0.60 0.00	46.10 0.61 0.00	55.16 0.33 0.00	68.39 0.04 0.00	45.44 -0.17 0.00	52.45 -0.06 0.00	47.17 -0.03 0.00	54.71 -0.63 0.00	57.51 -0.70 0.00	54.27 -0.78 0.00	61.20 -0.86 0.00	61.19 -0.76 0.00	63.84 -0.80 0.00	61.63 -0.37 0.00	45.91 -0.52 0.00	51.78 -0.52 0.00	40.98 -0.43 0.00	35.54 -0.29 0.00	55.64 -0.07 0.00	91.67 0.49 0.00	70.06 0.72 0.00
BRANSCOMB___SOLAR 323811	50.51 2.36 0.00	50.02 2.24 0.00	42.65 1.94 0.00	45.61 2.08 0.00	47.68 2.20 0.00	57.53 2.70 0.00	72.04 3.69 0.00	55.87 2.59 -7.67	55.42 2.92 0.00	49.47 2.28 0.00	58.02 2.68 0.00	60.94 2.74 0.00	57.68 2.64 0.00	65.01 2.96 0.00	64.88 2.93 0.00	68.02 3.38 0.00	65.66 3.65 0.00	97.06 2.97 -47.65	85.83 3.34 -30.20	91.95 2.65 -47.88	71.82 2.24 -33.76	58.96 3.25 0.00	95.82 4.64 0.00	72.59 3.25 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	56.46 4.67 -3.63	52.14 4.37 0.00	44.31 3.60 0.00	47.38 3.85 0.00	49.37 3.88 0.00	59.87 5.04 0.00	75.27 6.92 0.00	56.35 5.00 -5.74	58.04 5.53 0.00	51.54 4.35 0.00	60.42 5.08 0.00	63.51 5.31 0.00	59.96 4.92 0.00	67.63 5.57 0.00	67.68 5.73 0.00	71.22 6.58 0.00	68.77 6.76 0.00	65.99 5.19 -14.37	65.65 5.69 -7.66	72.58 5.11 -26.06	65.37 4.35 -25.19	61.92 6.21 0.00	100.16 8.98 0.00	75.83 6.49 0.00

BRISTLHL_115KV_TB1 79998	46.33 -1.82 0.00	45.93 -1.84 0.00	39.14 -1.57 0.00	41.86 -1.67 0.00	43.78 -1.71 0.00	52.86 -1.97 0.00	66.05 -2.30 0.00	44.64 -1.43 -0.46	50.79 -1.72 0.00	45.64 -1.56 0.00	53.62 -1.72 0.00	56.28 -1.92 0.00	53.25 -1.79 0.00	60.02 -2.04 0.00	59.87 -2.09 0.00	62.61 -2.03 0.00	60.16 -1.85 0.00	45.56 -1.23 -0.35	50.90 -1.44 -0.04	41.51 -1.15 -1.25	36.86 -1.06 -2.09	53.83 -1.87 0.00	88.14 -3.05 0.00	66.94 -2.40 0.00
BROOKHAVEN___DRP 24191	56.20 4.45 -3.60	51.92 4.14 0.00	44.12 3.40 0.00	47.17 3.64 0.00	49.17 3.69 0.00	59.65 4.82 0.00	74.94 6.59 0.00	56.17 4.82 -5.74	57.81 5.30 0.00	51.26 4.07 0.00	60.05 4.71 0.00	63.11 4.91 0.00	59.57 4.52 0.00	67.24 5.19 0.00	67.27 5.31 0.00	70.90 6.26 0.00	68.34 6.33 0.00	65.73 4.93 -14.37	65.48 5.53 -7.66	72.46 5.07 -25.99	65.35 4.33 -25.19	61.90 6.19 0.00	100.12 8.94 0.00	75.68 6.34 0.00
BROOKLYN_NAVY_YARD 23515	51.10 2.95 0.00	50.61 2.84 0.00	43.15 2.44 0.00	46.07 2.53 0.00	48.05 2.57 0.00	58.06 3.22 0.00	73.07 4.72 0.00	54.86 3.52 -5.74	56.40 3.89 0.00	50.32 3.12 0.00	59.06 3.72 0.00	61.99 3.79 0.00	58.79 3.75 0.00	65.91 3.85 0.00	65.82 3.86 0.00	68.96 4.32 0.00	66.72 4.71 0.00	64.81 4.01 -14.36	64.38 4.43 -7.66	66.68 3.52 -21.75	63.88 2.87 -25.18	59.59 3.88 0.00	96.80 5.62 0.00	73.12 3.79 0.00
BROOKLYN___ARMY_DRP 323595	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
BROOKVLE_69_KV_TB1 55790	56.64 3.89 -4.60	51.48 3.71 0.00	43.77 3.07 0.00	46.78 3.25 0.00	48.79 3.31 0.00	59.03 4.20 0.00	74.21 5.86 0.00	55.62 4.26 -5.74	57.24 4.73 0.00	50.95 3.76 0.00	59.86 4.52 0.00	62.91 4.71 0.00	59.53 4.49 0.00	66.87 4.81 0.00	66.68 4.73 0.00	69.92 5.29 0.00	67.58 5.57 0.00	65.37 4.57 -14.37	65.01 5.06 -7.66	74.26 4.16 -28.70	64.53 3.51 -25.19	60.63 4.92 0.00	98.18 7.00 0.00	74.45 5.12 0.00
BROOME_2_LFGE 323671	47.23 -0.92 0.00	46.81 -0.96 0.00	39.91 -0.80 0.00	42.71 -0.83 0.00	44.70 -0.79 0.00	54.03 -0.81 0.00	67.67 -0.68 0.00	47.14 -0.38 -1.90	52.00 -0.51 0.00	46.67 -0.53 0.00	54.92 -0.42 0.00	57.74 -0.47 0.00	54.62 -0.43 0.00	61.55 -0.51 0.00	61.43 -0.53 0.00	64.10 -0.54 0.00	61.56 -0.45 0.00	51.55 -0.16 -5.28	55.00 -0.18 -2.89	48.79 -0.22 -7.60	43.98 -0.31 -8.45	54.93 -0.79 0.00	90.07 -1.11 0.00	68.33 -1.01 0.00
BROOME___LFGE 323600	47.23 -0.92 0.00	46.81 -0.96 0.00	39.91 -0.80 0.00	42.71 -0.83 0.00	44.70 -0.79 0.00	54.03 -0.81 0.00	67.67 -0.68 0.00	47.14 -0.38 -1.90	52.00 -0.51 0.00	46.67 -0.53 0.00	54.92 -0.42 0.00	57.74 -0.47 0.00	54.62 -0.43 0.00	61.55 -0.51 0.00	61.43 -0.53 0.00	64.10 -0.54 0.00	61.56 -0.45 0.00	51.55 -0.16 -5.28	55.00 -0.18 -2.89	48.79 -0.22 -7.60	43.98 -0.31 -8.45	54.93 -0.79 0.00	90.07 -1.11 0.00	68.33 -1.01 0.00
BROWNFLS_115KV_TB_3_5 80003	46.12 -2.03 0.00	45.82 -1.95 0.00	39.00 -1.71 0.00	41.77 -1.76 0.00	43.58 -1.90 0.00	52.40 -2.43 0.00	65.37 -2.98 0.00	43.77 -1.98 -0.14	50.38 -2.13 0.00	45.33 -1.86 0.00	52.81 -2.53 0.00	55.15 -3.05 0.00	52.31 -2.73 0.00	58.80 -3.26 0.00	58.71 -3.25 0.00	61.41 -3.23 0.00	59.48 -2.53 0.00	44.60 -1.94 -0.11	50.36 -1.95 -0.01	40.22 -1.60 -0.40	35.02 -1.49 -0.67	53.65 -2.06 0.00	88.98 -2.20 0.00	68.13 -1.21 0.00
BROWNSV1_27_KV_LOAD 356125	51.65 3.50 0.00	51.11 3.34 0.00	43.54 2.83 0.00	46.50 2.97 0.00	48.49 3.01 0.00	58.64 3.81 0.00	73.84 5.49 0.00	55.41 4.06 -5.74	57.07 4.56 0.00	50.91 3.71 0.00	59.77 4.43 0.00	62.76 4.56 0.00	59.51 4.46 0.00	66.74 4.68 0.00	66.63 4.67 0.00	69.81 5.18 0.00	67.55 5.54 0.00	65.45 4.65 -14.36	65.09 5.14 -7.66	67.25 4.09 -21.75	64.38 3.37 -25.18	60.39 4.68 0.00	97.91 6.73 0.00	74.04 4.70 0.00
BURROWS___LYONSDAL 23803	47.41 -0.73 0.00	47.08 -0.70 0.00	40.10 -0.61 0.00	42.95 -0.58 0.00	44.82 -0.66 0.00	54.21 -0.63 0.00	67.85 -0.51 0.00	45.51 -0.27 -0.17	52.31 -0.20 0.00	47.01 -0.19 0.00	55.19 -0.15 0.00	57.57 -0.63 0.00	54.79 -0.26 0.00	61.52 -0.54 0.00	61.37 -0.58 0.00	64.17 -0.47 0.00	62.05 0.04 0.00	46.71 0.13 -0.14	52.69 0.38 -0.02	42.19 0.27 -0.51	36.69 0.02 -0.85	55.72 0.01 0.00	92.17 0.99 0.00	70.36 1.02 0.00
CAITHNESS_CC_1 323624	56.07 4.32 -3.60	51.79 4.02 0.00	44.01 3.30 0.00	47.06 3.52 0.00	49.05 3.56 0.00	59.50 4.66 0.00	74.71 6.36 0.00	56.03 4.67 -5.74	57.65 5.14 0.00	51.16 3.96 0.00	59.94 4.60 0.00	62.99 4.79 0.00	59.46 4.41 0.00	67.09 5.02 0.00	67.12 5.16 0.00	70.71 6.08 0.00	68.18 6.17 0.00	65.61 4.81 -14.37	65.34 5.39 -7.66	72.30 4.90 -25.98	65.20 4.19 -25.19	61.65 5.94 0.00	99.73 8.55 0.00	75.42 6.08 0.00
CALPINE BETH_PAGE_GT4 24209	56.30 4.13 -4.02	51.65 3.88 0.00	43.89 3.18 0.00	46.89 3.36 0.00	48.84 3.35 0.00	58.94 4.11 0.00	74.01 5.66 0.00	55.49 4.14 -5.74	57.14 4.63 0.00	50.79 3.60 0.00	59.54 4.20 0.00	62.64 4.44 0.00	59.18 4.14 0.00	66.64 4.58 0.00	66.59 4.63 0.00	69.88 5.25 0.00	67.48 5.47 0.00	65.22 4.42 -14.37	64.88 4.93 -7.66	72.63 4.20 -27.02	64.58 3.56 -25.19	60.80 5.09 0.00	98.63 7.44 0.00	74.71 5.37 0.00
CALPINE_BETH_PAGE_GT_4 323586	56.29 4.12 -4.02	51.65 3.88 0.00	43.89 3.19 0.00	46.89 3.36 0.00	48.84 3.35 0.00	58.94 4.11 0.00	74.00 5.65 0.00	55.49 4.14 -5.74	57.15 4.63 0.00	50.80 3.60 0.00	59.54 4.20 0.00	62.64 4.44 0.00	59.18 4.14 0.00	66.63 4.57 0.00	66.58 4.62 0.00	69.89 5.25 0.00	67.47 5.46 0.00	65.22 4.42 -14.37	64.87 4.92 -7.66	72.63 4.20 -27.02	64.57 3.55 -25.19	60.77 5.06 0.00	98.61 7.43 0.00	74.70 5.36 0.00
CALPINE_BP_GT1 23823	56.29 4.12 -4.02	51.65 3.88 0.00	43.89 3.19 0.00	46.89 3.36 0.00	48.84 3.35 0.00	58.94 4.11 0.00	74.00 5.65 0.00	55.49 4.14 -5.74	57.15 4.63 0.00	50.80 3.60 0.00	59.54 4.20 0.00	62.64 4.44 0.00	59.18 4.14 0.00	66.63 4.57 0.00	66.58 4.62 0.00	69.89 5.25 0.00	67.47 5.46 0.00	65.22 4.42 -14.37	64.87 4.92 -7.66	72.63 4.20 -27.02	64.57 3.55 -25.19	60.77 5.06 0.00	98.61 7.43 0.00	74.70 5.36 0.00
CALSPAN___DRP 24200	42.49 -4.38 1.27	43.26 -4.51 0.00	36.88 -3.83 0.00	39.71 -3.82 0.00	41.59 -3.90 0.00	50.04 -4.79 0.00	61.94 -6.41 0.00	42.22 -4.37 -0.98	47.25 -5.26 0.00	42.74 -4.46 0.00	50.59 -4.75 0.00	52.90 -5.30 0.00	49.66 -5.05 0.34	50.46 -5.44 6.16	51.43 -5.28 5.25	53.50 -5.79 5.35	43.26 -5.92 12.84	29.10 -4.31 13.02	31.32 -5.12 15.84	24.82 -4.16 12.42	21.54 -3.62 10.67	34.87 -6.37 14.47	53.04 -8.95 29.19	39.29 -6.55 23.50

CALVERTON___SOLAR 323806	56.21 4.46 -3.60	51.93 4.15 0.00	44.13 3.42 0.00	47.18 3.65 0.00	49.18 3.69 0.00	59.69 4.85 0.00	74.96 6.61 0.00	56.19 4.84 -5.74	57.82 5.30 0.00	51.26 4.06 0.00	60.02 4.68 0.00	63.07 4.86 0.00	59.51 4.47 0.00	67.20 5.14 0.00	67.33 5.37 0.00	71.08 6.45 0.00	68.46 6.45 0.00	65.85 5.05 -14.37	65.62 5.66 -7.66	72.62 5.23 -25.99	65.50 4.48 -25.19	62.10 6.39 0.00	100.45 9.27 0.00	75.90 6.56 0.00
CANDIGU_WT_PWR 323617	36.61 -4.39 7.14	43.37 -4.40 0.00	37.01 -3.70 0.00	39.70 -3.83 0.00	41.78 -3.71 0.00	50.69 -4.14 0.00	64.14 -4.22 0.00	44.31 -2.60 -1.30	48.99 -3.52 0.00	44.03 -3.16 0.00	52.07 -3.27 0.00	54.67 -3.53 0.00	49.62 -3.45 1.97	23.27 -4.15 34.64	28.20 -4.13 29.63	29.91 -4.50 30.23	-14.68 -4.24 72.45	-41.53 -3.00 84.97	-46.60 -3.39 95.50	-48.50 -2.89 87.03	-46.48 -2.76 79.55	-30.60 -4.65 81.66	-80.30 -6.09 165.38	-68.99 -4.83 133.51
CARR STREET_E__SYR 24060	46.82 -1.33 0.00	46.41 -1.36 0.00	39.57 -1.14 0.00	42.32 -1.21 0.00	44.27 -1.22 0.00	53.43 -1.40 0.00	66.68 -1.67 0.00	45.07 -1.06 -0.53	51.21 -1.30 0.00	46.02 -1.17 0.00	54.08 -1.26 0.00	56.77 -1.43 0.00	53.83 -1.22 0.00	60.69 -1.37 0.00	60.61 -1.34 0.00	63.29 -1.35 0.00	60.69 -1.32 0.00	45.96 -0.87 -0.40	51.30 -1.04 -0.05	41.98 -0.86 -1.43	37.42 -0.79 -2.39	54.24 -1.47 0.00	88.77 -2.42 0.00	67.40 -1.94 0.00
CARTHAGE___PAPER 23857	46.28 -1.88 0.00	45.93 -1.84 0.00	39.12 -1.59 0.00	41.91 -1.62 0.00	43.73 -1.76 0.00	52.90 -1.93 0.00	66.38 -1.97 0.00	44.74 -1.12 -0.25	51.31 -1.20 0.00	46.02 -1.17 0.00	53.61 -1.73 0.00	55.62 -2.58 0.00	52.85 -2.20 0.00	59.34 -2.72 0.00	59.21 -2.75 0.00	62.18 -2.46 0.00	60.70 -1.31 0.00	45.85 -0.78 -0.20	51.76 -0.55 -0.03	41.62 -0.50 -0.71	36.37 -0.65 -1.19	54.81 -0.90 0.00	91.45 0.27 0.00	69.97 0.63 0.00
CASSADAGA_WT_PWR 323784	42.85 -4.35 0.95	43.03 -4.74 0.00	37.16 -3.55 0.00	40.41 -3.12 0.00	42.54 -2.94 0.00	50.63 -4.20 0.00	63.21 -5.15 0.00	43.46 -3.18 -1.03	49.05 -3.46 0.00	44.35 -2.84 0.00	52.65 -2.69 0.00	55.10 -3.09 0.00	51.66 -3.14 0.25	53.81 -3.67 4.58	54.19 -3.87 3.89	56.15 -4.52 3.97	47.29 -5.20 9.52	33.29 -4.28 8.87	35.80 -5.16 11.33	29.07 -4.31 8.04	25.33 -3.92 6.58	38.57 -6.41 10.73	60.41 -9.11 21.65	45.44 -6.46 17.44
CE_DUNWOOD___DRP 24194	51.10 2.95 0.00	50.59 2.82 0.00	43.11 2.40 0.00	46.04 2.51 0.00	48.05 2.56 0.00	58.08 3.25 0.00	73.03 4.68 0.00	54.77 3.45 -5.71	56.28 3.77 0.00	50.21 3.02 0.00	59.01 3.67 0.00	61.96 3.76 0.00	58.71 3.67 0.00	65.90 3.84 0.00	65.79 3.84 0.00	68.95 4.31 0.00	66.65 4.65 0.00	64.71 3.94 -14.34	64.29 4.36 -7.65	66.60 3.48 -21.71	63.84 2.87 -25.13	59.68 3.97 0.00	96.87 5.69 0.00	73.31 3.97 0.00
CE_MILLWOOD___DRP 24193	50.98 2.83 0.00	50.49 2.72 0.00	43.03 2.32 0.00	45.96 2.42 0.00	47.95 2.47 0.00	57.97 3.14 0.00	72.89 4.54 0.00	54.60 3.33 -5.66	56.15 3.64 0.00	50.10 2.90 0.00	58.87 3.53 0.00	61.81 3.61 0.00	58.57 3.52 0.00	65.77 3.71 0.00	65.65 3.69 0.00	68.80 4.17 0.00	66.51 4.50 0.00	64.54 3.82 -14.28	64.15 4.24 -7.62	66.43 3.39 -21.63	63.67 2.80 -25.04	59.56 3.85 0.00	96.69 5.50 0.00	73.18 3.84 0.00
CE_NYC2_DRP 24202	51.36 3.21 0.00	50.87 3.10 0.00	43.34 2.64 0.00	46.29 2.75 0.00	48.26 2.78 0.00	58.27 3.44 0.00	73.32 4.97 0.00	55.07 3.72 -5.74	56.63 4.12 0.00	50.57 3.37 0.00	59.35 4.01 0.00	62.35 4.15 0.00	59.12 4.07 0.00	66.25 4.19 0.00	66.19 4.23 0.00	69.35 4.71 0.00	67.12 5.11 0.00	65.05 4.25 -14.36	64.68 4.73 -7.66	66.92 3.76 -21.75	64.09 3.08 -25.18	59.98 4.27 0.00	97.19 6.01 0.00	73.58 4.25 0.00
CE_NYC_DRP 24195	51.18 3.03 0.00	50.68 2.91 0.00	43.18 2.48 0.00	46.11 2.58 0.00	48.12 2.63 0.00	58.14 3.31 0.00	73.16 4.81 0.00	54.96 3.61 -5.74	56.54 4.03 0.00	50.45 3.25 0.00	59.22 3.88 0.00	62.19 3.99 0.00	58.96 3.91 0.00	66.12 4.06 0.00	66.01 4.06 0.00	69.16 4.52 0.00	66.90 4.89 0.00	64.93 4.13 -14.36	64.52 4.57 -7.66	66.78 3.63 -21.75	63.98 2.97 -25.18	59.79 4.08 0.00	96.97 5.79 0.00	73.34 4.00 0.00
CHAFFEE___LFGE 323603	43.22 -3.91 1.02	43.73 -4.04 0.00	37.31 -3.40 0.00	40.15 -3.38 0.00	42.03 -3.46 0.00	50.61 -4.22 0.00	62.70 -5.65 0.00	42.74 -3.88 -1.02	47.81 -4.70 0.00	43.25 -3.95 0.00	51.18 -4.16 0.00	53.54 -4.66 0.00	50.34 -4.44 0.27	52.42 -4.69 4.95	53.24 -4.50 4.21	55.39 -4.96 4.29	46.67 -5.04 10.30	32.93 -3.68 9.83	35.52 -4.39 12.38	28.76 -3.60 9.05	25.11 -3.19 7.52	38.69 -5.42 11.61	60.24 -7.53 23.40	44.98 -5.52 18.84
CHATEAUG_35_KV_LOAD 355732	47.50 -0.65 0.00	47.22 -0.55 0.00	40.12 -0.59 0.00	42.95 -0.57 0.00	44.87 -0.62 0.00	53.87 -0.96 0.00	66.74 -1.61 0.00	44.40 -1.21 0.00	51.37 -1.14 0.00	46.30 -0.89 0.00	54.05 -1.30 0.00	56.88 -1.33 0.00	53.56 -1.49 0.00	60.58 -1.48 0.00	60.71 -1.24 0.00	63.88 -0.76 0.00	61.48 -0.52 0.00	45.74 -0.70 0.00	51.45 -0.85 0.00	40.58 -0.84 0.00	35.07 -0.76 0.00	54.96 -0.75 0.00	90.43 -0.75 0.00	69.26 -0.08 0.00
CHATEAUG_WT_PWR 323614	47.21 -0.94 0.00	46.92 -0.85 0.00	39.84 -0.87 0.00	42.66 -0.88 0.00	44.56 -0.93 0.00	53.51 -1.32 0.00	66.26 -2.09 0.00	44.08 -1.53 0.00	51.04 -1.47 0.00	45.95 -1.24 0.00	53.70 -1.65 0.00	56.57 -1.63 0.00	53.23 -1.82 0.00	60.27 -1.79 0.00	60.49 -1.47 0.00	63.72 -0.92 0.00	61.38 -0.63 0.00	45.68 -0.76 0.00	51.34 -0.94 0.00	40.47 -0.94 0.00	34.95 -0.88 0.00	54.73 -0.98 0.00	90.05 -1.13 0.00	69.01 -0.33 0.00
CHAT_HIGH_FALL_HYD 323578	47.50 -0.65 0.00	47.22 -0.55 0.00	40.12 -0.59 0.00	42.95 -0.57 0.00	44.87 -0.62 0.00	53.87 -0.96 0.00	66.74 -1.61 0.00	44.40 -1.21 0.00	51.37 -1.14 0.00	46.30 -0.89 0.00	54.05 -1.30 0.00	56.88 -1.33 0.00	53.56 -1.49 0.00	60.58 -1.48 0.00	60.71 -1.24 0.00	63.88 -0.76 0.00	61.48 -0.52 0.00	45.74 -0.70 0.00	51.45 -0.85 0.00	40.58 -0.84 0.00	35.07 -0.76 0.00	54.96 -0.75 0.00	90.43 -0.75 0.00	69.26 -0.08 0.00
CHAUTAUQUA___LFGE 323629	42.47 -4.49 1.19	43.08 -4.70 0.00	36.97 -3.74 0.00	39.97 -3.56 0.00	41.98 -3.50 0.00	50.19 -4.64 0.00	62.42 -5.94 0.00	42.76 -3.84 -1.00	48.08 -4.43 0.00	43.48 -3.71 0.00	51.52 -3.82 0.00	53.93 -4.28 0.00	50.54 -4.19 0.32	51.59 -4.72 5.75	52.39 -4.67 4.89	54.39 -5.27 4.99	44.41 -5.64 11.96	30.20 -4.30 11.93	32.47 -5.17 14.65	25.89 -4.26 11.26	22.45 -3.80 9.58	35.87 -6.35 13.48	54.89 -9.06 27.23	40.83 -6.57 21.94
CHERRYST_13_KV_LD 356241	51.31 3.16 0.00	50.80 3.03 0.00	43.29 2.58 0.00	46.23 2.70 0.00	48.22 2.74 0.00	58.30 3.47 0.00	73.38 5.02 0.00	55.10 3.76 -5.74	56.71 4.20 0.00	50.61 3.42 0.00	59.42 4.08 0.00	62.39 4.19 0.00	59.17 4.12 0.00	66.34 4.27 0.00	66.24 4.29 0.00	69.40 4.76 0.00	67.13 5.12 0.00	65.10 4.30 -14.36	64.69 4.74 -7.66	66.92 3.76 -21.75	64.09 3.08 -25.18	59.96 4.25 0.00	97.21 6.03 0.00	73.54 4.20 0.00

CHESTROR_138KV_BK263 355645	50.34 2.19 0.00	49.87 2.10 0.00	42.50 1.79 0.00	45.41 1.88 0.00	47.41 1.92 0.00	57.31 2.48 0.00	71.94 3.59 0.00	53.28 2.63 -5.05	55.34 2.83 0.00	49.44 2.24 0.00	58.07 2.72 0.00	60.96 2.75 0.00	57.76 2.71 0.00	65.15 3.10 0.00	65.06 3.10 0.00	68.17 3.53 0.00	65.86 3.86 0.00	63.10 3.30 -13.37	63.08 3.66 -7.14	64.54 2.92 -20.21	61.61 2.40 -23.38	58.99 3.28 0.00	95.86 4.68 0.00	72.62 3.28 0.00
CH_MIDHUDSON___DRP 24192	51.32 3.17 0.00	50.81 3.04 0.00	43.29 2.58 0.00	46.24 2.71 0.00	48.27 2.78 0.00	58.36 3.53 0.00	73.33 4.98 0.00	55.10 3.66 -5.83	56.55 4.04 0.00	50.46 3.27 0.00	59.40 4.06 0.00	62.39 4.19 0.00	59.11 4.06 0.00	66.33 4.26 0.00	66.20 4.25 0.00	69.35 4.72 0.00	67.05 5.05 0.00	65.51 4.21 -14.86	64.95 4.69 -7.97	67.40 3.72 -22.27	64.49 3.08 -25.57	60.02 4.31 0.00	97.42 6.25 0.00	73.74 4.39 0.00
CH_MISC_IPPS 23765	51.51 3.36 0.00	51.00 3.23 0.00	43.45 2.74 0.00	46.41 2.88 0.00	48.45 2.97 0.00	58.61 3.78 0.00	73.67 5.32 0.00	55.19 3.89 -5.68	56.81 4.30 0.00	50.69 3.50 0.00	59.63 4.29 0.00	62.62 4.42 0.00	59.32 4.27 0.00	66.70 4.64 0.00	66.62 4.66 0.00	69.80 5.16 0.00	67.48 5.47 0.00	65.58 4.55 -14.60	65.20 5.08 -7.83	67.30 4.02 -21.87	64.27 3.33 -25.11	60.37 4.66 0.00	98.03 6.85 0.00	74.15 4.81 0.00
CH_RES_BVR_FALLS 23983	47.66 -0.49 0.00	47.37 -0.41 0.00	40.36 -0.35 0.00	43.14 -0.39 0.00	45.03 -0.45 0.00	54.23 -0.60 0.00	67.43 -0.92 0.00	44.95 -0.66 0.00	51.92 -0.59 0.00	46.77 -0.42 0.00	54.76 -0.58 0.00	57.60 -0.60 0.00	54.54 -0.51 0.00	61.50 -0.57 0.00	61.32 -0.64 0.00	63.83 -0.81 0.00	61.20 -0.81 0.00	45.71 -0.73 0.00	51.58 -0.71 0.00	40.79 -0.62 0.00	35.25 -0.58 0.00	55.00 -0.71 0.00	90.50 -0.69 0.00	69.14 -0.20 0.00
CH_RES_NIAGARA 23895	41.34 -5.83 0.98	41.83 -5.95 0.00	35.64 -5.07 0.00	38.34 -5.19 0.00	40.05 -5.44 0.00	48.12 -6.71 0.00	59.18 -9.18 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.62 0.00	48.04 -7.30 0.00	50.25 -7.95 0.00	47.27 -7.51 0.26	49.35 -7.97 4.74	50.26 -7.70 4.00	52.30 -8.25 4.08	43.84 -8.39 9.78	30.86 -5.98 9.59	33.43 -6.98 11.88	26.88 -5.61 8.93	23.55 -4.78 7.49	36.37 -8.32 11.02	56.85 -12.00 22.32	42.63 -8.69 18.02
CH_RES_SYRACUSE 23985	47.11 -1.05 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.92 0.00	44.57 -0.91 0.00	53.82 -1.02 0.00	67.29 -1.06 0.00	45.54 -0.65 -0.58	51.69 -0.82 0.00	46.43 -0.77 0.00	54.54 -0.80 0.00	57.26 -0.94 0.00	54.20 -0.85 0.00	61.09 -0.97 0.00	61.01 -0.94 0.00	63.71 -0.93 0.00	61.19 -0.82 0.00	46.43 -0.45 -0.44	51.79 -0.55 -0.06	42.56 -0.45 -1.59	38.05 -0.44 -2.67	54.78 -0.94 0.00	89.65 -1.53 0.00	68.07 -1.27 0.00
CLINTON_WT_PWR 323605	47.21 -0.94 0.00	46.92 -0.85 0.00	39.84 -0.87 0.00	42.66 -0.88 0.00	44.56 -0.93 0.00	53.51 -1.32 0.00	66.26 -2.09 0.00	44.08 -1.53 0.00	51.04 -1.47 0.00	45.95 -1.24 0.00	53.70 -1.65 0.00	56.57 -1.63 0.00	53.23 -1.82 0.00	60.27 -1.79 0.00	60.49 -1.47 0.00	63.72 -0.92 0.00	61.38 -0.63 0.00	45.68 -0.76 0.00	51.34 -0.94 0.00	40.47 -0.94 0.00	34.95 -0.88 0.00	54.73 -0.98 0.00	90.05 -1.13 0.00	69.01 -0.33 0.00
CLINTON___LFGE 323618	48.18 0.03 0.00	47.82 0.05 0.00	40.62 -0.09 0.00	43.47 -0.06 0.00	45.41 -0.08 0.00	54.46 -0.37 0.00	67.47 -0.88 0.00	44.93 -0.68 0.00	51.98 -0.53 0.00	46.70 -0.50 0.00	54.59 -0.75 0.00	57.46 -0.74 0.00	54.00 -1.05 0.00	61.22 -0.85 0.00	61.29 -0.67 0.00	64.69 0.06 0.00	62.46 0.45 0.00	46.55 0.11 0.00	52.36 0.07 0.00	41.23 -0.18 0.00	35.60 -0.23 0.00	55.60 -0.11 0.00	91.44 0.26 0.00	70.20 0.86 0.00
COBBLENY_34_KV_TB1 80064	43.22 -3.91 1.02	43.73 -4.04 0.00	37.31 -3.40 0.00	40.16 -3.38 0.00	42.03 -3.46 0.00	50.61 -4.22 0.00	62.71 -5.64 0.00	42.75 -3.88 -1.02	47.81 -4.70 0.00	43.25 -3.95 0.00	51.18 -4.17 0.00	53.54 -4.67 0.00	50.33 -4.44 0.27	52.35 -4.76 4.95	53.13 -4.62 4.21	55.30 -5.05 4.29	46.51 -5.20 10.30	32.86 -3.75 9.83	35.43 -4.48 12.38	28.70 -3.67 9.05	25.11 -3.21 7.52	38.40 -5.71 11.61	59.89 -7.88 23.40	44.70 -5.80 18.84
COFFEEN___115KV_TB3 355620	46.12 -2.03 0.00	45.72 -2.05 0.00	38.95 -1.76 0.00	41.72 -1.81 0.00	43.57 -1.92 0.00	52.80 -2.03 0.00	66.39 -1.96 0.00	44.88 -1.02 -0.29	51.39 -1.12 0.00	45.96 -1.24 0.00	53.52 -1.83 0.00	55.60 -2.60 0.00	52.63 -2.41 0.00	59.05 -3.01 0.00	58.93 -3.03 0.00	61.99 -2.65 0.00	60.80 -1.21 0.00	46.11 -0.55 -0.23	51.99 -0.33 -0.03	41.88 -0.34 -0.81	36.69 -0.50 -1.36	54.94 -0.77 0.00	91.69 0.51 0.00	69.96 0.62 0.00
COLDSPRG_115KV_BK1 355956	44.93 -2.65 0.57	44.86 -2.91 0.00	38.45 -2.26 0.00	41.52 -2.01 0.00	43.63 -1.86 0.00	52.22 -2.62 0.00	65.12 -3.24 0.00	44.63 -2.04 -1.07	50.11 -2.40 0.00	45.29 -1.91 0.00	53.72 -1.63 0.00	56.44 -1.76 0.00	53.19 -1.71 0.15	57.52 -1.81 2.73	57.64 -2.00 2.32	59.62 -2.66 2.36	53.07 -3.28 5.66	39.93 -2.46 4.04	43.16 -3.06 6.08	35.89 -2.56 2.96	31.60 -2.39 1.84	44.92 -4.41 6.38	72.67 -5.65 12.86	54.94 -4.06 10.34
COLONIE_LFGE___ 323577	50.35 2.20 0.00	49.87 2.09 0.00	42.50 1.79 0.00	45.45 1.91 0.00	47.50 2.01 0.00	57.26 2.42 0.00	71.54 3.19 0.00	55.46 2.27 -7.58	55.05 2.54 0.00	49.16 1.96 0.00	57.74 2.39 0.00	60.69 2.49 0.00	57.46 2.42 0.00	64.70 2.64 0.00	64.53 2.58 0.00	67.61 2.98 0.00	65.13 3.12 0.00	92.29 2.54 -43.32	82.33 2.84 -27.20	88.51 2.28 -44.83	71.11 1.93 -33.35	58.53 2.82 0.00	95.17 3.99 0.00	72.16 2.82 0.00
COOPERNY_115KV_TB1 80082	49.62 1.47 0.00	49.18 1.41 0.00	41.92 1.21 0.00	44.78 1.25 0.00	46.78 1.30 0.00	56.52 1.69 0.00	70.87 2.52 0.00	51.60 1.86 -4.13	54.48 1.97 0.00	48.75 1.56 0.00	57.25 1.91 0.00	60.13 1.93 0.00	56.93 1.89 0.00	64.24 2.18 0.00	64.15 2.19 0.00	67.14 2.50 0.00	64.74 2.74 0.00	59.84 2.36 -11.04	60.82 2.63 -5.90	60.13 2.09 -16.63	56.74 1.72 -19.19	58.01 2.30 0.00	94.46 3.28 0.00	71.61 2.27 0.00
COPENHAGEN_WT_PWR 323753	45.22 -2.93 0.00	44.84 -2.93 0.00	38.21 -2.50 0.00	40.92 -2.61 0.00	42.72 -2.77 0.00	51.75 -3.09 0.00	65.02 -3.33 0.00	43.99 -1.92 -0.30	50.35 -2.16 0.00	45.08 -2.11 0.00	52.62 -2.72 0.00	54.75 -3.45 0.00	51.91 -3.14 0.00	58.28 -3.79 0.00	58.08 -3.88 0.00	60.94 -3.70 0.00	59.48 -2.52 0.00	45.10 -1.57 -0.23	50.89 -1.43 -0.03	41.02 -1.23 -0.84	35.98 -1.26 -1.41	53.89 -1.82 0.00	90.45 -0.73 0.00	69.18 -0.16 0.00
CORNELL_____ 23752	47.88 -0.27 0.00	47.48 -0.29 0.00	40.48 -0.23 0.00	43.31 -0.22 0.00	45.34 -0.15 0.00	54.84 0.01 0.00	68.74 0.39 0.00	47.06 0.28 -1.16	52.76 0.25 0.00	47.34 0.14 0.00	55.67 0.33 0.00	58.47 0.27 0.00	55.21 0.17 0.00	62.24 0.18 0.00	62.22 0.26 0.00	64.91 0.28 0.00	62.48 0.48 0.00	50.78 0.74 -3.60	55.02 0.75 -1.98	47.14 0.55 -5.18	41.95 0.37 -5.75	55.89 0.18 0.00	91.58 0.40 0.00	69.44 0.10 0.00

CORONAAV_69_KV_TB1 355595	57.35 3.95 -5.25	51.51 3.73 0.00	43.79 3.08 0.00	46.81 3.28 0.00	48.80 3.31 0.00	59.07 4.24 0.00	74.19 5.84 0.00	55.60 4.25 -5.74	57.24 4.73 0.00	50.96 3.76 0.00	59.82 4.48 0.00	62.88 4.68 0.00	59.46 4.41 0.00	66.89 4.83 0.00	66.86 4.90 0.00	70.17 5.53 0.00	67.74 5.73 0.00	65.49 4.69 -14.37	65.19 5.23 -7.66	75.08 4.33 -29.34	64.67 3.65 -25.19	60.87 5.16 0.00	98.42 7.24 0.00	74.68 5.33 0.00
CORTLAND_115KV_TB3 80093	47.69 -0.47 0.00	47.28 -0.49 0.00	40.30 -0.40 0.00	43.12 -0.41 0.00	45.13 -0.36 0.00	54.55 -0.28 0.00	68.34 -0.02 0.00	46.73 0.11 -1.01	52.57 0.06 0.00	47.19 0.00 0.00	55.46 0.12 0.00	58.23 0.02 0.00	55.06 0.02 0.00	62.08 0.02 0.00	62.02 0.07 0.00	64.74 0.10 0.00	62.19 0.18 0.00	49.58 0.35 -2.80	54.14 0.34 -1.52	45.78 0.22 -4.15	40.62 0.09 -4.71	55.55 -0.16 0.00	90.98 -0.20 0.00	69.00 -0.34 0.00
COXSACKIE___GT 23611	52.62 4.47 0.00	52.08 4.31 0.00	44.36 3.65 0.00	47.43 3.90 0.00	49.65 4.17 0.00	59.96 5.12 0.00	75.16 6.81 0.00	57.49 4.86 -7.02	58.06 5.55 0.00	51.43 4.24 0.00	59.99 4.64 0.00	62.75 4.55 0.00	59.21 4.16 0.00	66.70 4.64 0.00	66.75 4.79 0.00	70.80 6.16 0.00	68.76 6.75 0.00	78.63 5.40 -26.80	74.21 6.09 -15.83	78.82 4.63 -32.78	70.68 3.87 -30.99	61.53 5.82 0.00	99.92 8.73 0.00	75.69 6.35 0.00
CPV_VALLEY___CC1 323721	49.88 1.73 0.00	49.41 1.64 0.00	42.13 1.42 0.00	45.00 1.47 0.00	46.98 1.50 0.00	56.79 1.96 0.00	71.26 2.90 0.00	52.42 2.18 -4.64	54.81 2.30 0.00	48.99 1.80 0.00	57.52 2.18 0.00	60.40 2.20 0.00	57.22 2.17 0.00	64.57 2.52 0.00	64.47 2.52 0.00	67.52 2.88 0.00	65.20 3.19 0.00	61.70 2.78 -12.49	62.03 3.08 -6.66	62.75 2.45 -18.89	59.70 2.02 -21.85	58.40 2.68 0.00	94.97 3.79 0.00	71.94 2.60 0.00
CPV_VALLEY___CC2 323722	49.88 1.73 0.00	49.41 1.64 0.00	42.13 1.42 0.00	45.00 1.47 0.00	46.98 1.50 0.00	56.79 1.96 0.00	71.26 2.90 0.00	52.42 2.18 -4.64	54.81 2.30 0.00	48.99 1.80 0.00	57.52 2.18 0.00	60.40 2.20 0.00	57.22 2.17 0.00	64.57 2.52 0.00	64.47 2.52 0.00	67.52 2.88 0.00	65.20 3.19 0.00	61.70 2.78 -12.49	62.03 3.08 -6.66	62.75 2.45 -18.89	59.70 2.02 -21.85	58.40 2.68 0.00	94.97 3.79 0.00	71.94 2.60 0.00
CRESCENT___HYD 24018	50.35 2.20 0.00	49.87 2.09 0.00	42.50 1.79 0.00	45.45 1.91 0.00	47.50 2.01 0.00	57.26 2.42 0.00	71.54 3.19 0.00	55.46 2.27 -7.58	55.05 2.54 0.00	49.16 1.96 0.00	57.74 2.39 0.00	60.69 2.49 0.00	57.46 2.42 0.00	64.70 2.64 0.00	64.53 2.58 0.00	67.61 2.98 0.00	65.13 3.12 0.00	92.29 2.54 -43.32	82.33 2.84 -27.20	88.51 2.28 -44.83	71.11 1.93 -33.35	58.53 2.82 0.00	95.17 3.99 0.00	72.16 2.82 0.00
CRICKET___VALLEY_CC1 323756	50.84 2.69 0.00	50.36 2.58 0.00	42.90 2.19 0.00	45.82 2.29 0.00	47.82 2.33 0.00	57.81 2.98 0.00	72.52 4.17 0.00	54.90 3.10 -6.19	55.92 3.41 0.00	49.86 2.67 0.00	58.88 3.53 0.00	61.84 3.64 0.00	58.59 3.54 0.00	65.70 3.64 0.00	65.57 3.62 0.00	68.70 4.06 0.00	66.37 4.37 0.00	65.82 3.67 -15.72	64.84 4.09 -8.46	68.05 3.25 -23.39	65.23 2.69 -26.71	59.47 3.76 0.00	96.57 5.39 0.00	73.17 3.82 0.00
CRICKET___VALLEY_CC2 323757	50.84 2.69 0.00	50.36 2.58 0.00	42.90 2.19 0.00	45.82 2.29 0.00	47.82 2.33 0.00	57.81 2.98 0.00	72.52 4.17 0.00	54.90 3.10 -6.19	55.92 3.41 0.00	49.86 2.67 0.00	58.88 3.53 0.00	61.84 3.64 0.00	58.59 3.54 0.00	65.70 3.64 0.00	65.57 3.62 0.00	68.70 4.06 0.00	66.37 4.37 0.00	65.82 3.67 -15.72	64.84 4.09 -8.46	68.05 3.25 -23.39	65.23 2.69 -26.71	59.47 3.76 0.00	96.57 5.39 0.00	73.17 3.82 0.00
CRICKET___VALLEY_CC3 323758	50.84 2.69 0.00	50.36 2.58 0.00	42.90 2.19 0.00	45.82 2.29 0.00	47.82 2.33 0.00	57.81 2.98 0.00	72.52 4.17 0.00	54.90 3.10 -6.19	55.92 3.41 0.00	49.86 2.67 0.00	58.88 3.53 0.00	61.84 3.64 0.00	58.59 3.54 0.00	65.70 3.64 0.00	65.57 3.62 0.00	68.70 4.06 0.00	66.37 4.37 0.00	65.82 3.67 -15.72	64.84 4.09 -8.46	68.05 3.25 -23.39	65.23 2.69 -26.71	59.47 3.76 0.00	96.57 5.39 0.00	73.17 3.82 0.00
CRUCIBLE_METL_DRP 24180	47.11 -1.05 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.92 0.00	44.58 -0.91 0.00	53.82 -1.02 0.00	67.29 -1.06 0.00	45.54 -0.65 -0.58	51.69 -0.82 0.00	46.43 -0.77 0.00	54.54 -0.80 0.00	57.26 -0.94 0.00	54.20 -0.85 0.00	61.09 -0.97 0.00	61.02 -0.94 0.00	63.71 -0.93 0.00	61.19 -0.81 0.00	46.42 -0.46 -0.44	51.79 -0.55 -0.06	42.55 -0.45 -1.59	38.06 -0.44 -2.67	54.77 -0.94 0.00	89.65 -1.53 0.00	68.08 -1.26 0.00
DAHOWA___HYDRO 323763	50.53 2.38 0.00	50.05 2.28 0.00	42.65 1.94 0.00	45.63 2.10 0.00	47.71 2.22 0.00	57.56 2.73 0.00	72.13 3.77 0.00	55.93 2.64 -7.69	55.52 3.01 0.00	49.54 2.35 0.00	58.09 2.74 0.00	61.01 2.81 0.00	57.73 2.68 0.00	65.05 2.99 0.00	64.94 2.98 0.00	68.09 3.45 0.00	65.77 3.76 0.00	97.77 3.05 -48.29	86.38 3.45 -30.64	92.48 2.74 -48.33	71.97 2.31 -33.83	59.04 3.33 0.00	95.96 4.77 0.00	72.63 3.29 0.00
DANC___LFGE 323619	45.70 -2.45 0.00	45.31 -2.46 0.00	38.61 -2.10 0.00	41.30 -2.23 0.00	43.15 -2.34 0.00	52.20 -2.63 0.00	65.39 -2.96 0.00	44.24 -1.73 -0.36	50.51 -1.99 0.00	45.32 -1.88 0.00	53.06 -2.29 0.00	55.39 -2.81 0.00	52.48 -2.57 0.00	58.99 -3.06 0.00	58.80 -3.16 0.00	61.59 -3.04 0.00	59.78 -2.22 0.00	45.32 -1.39 -0.28	50.95 -1.38 -0.03	41.24 -1.16 -0.99	36.34 -1.15 -1.66	53.92 -1.79 0.00	89.64 -1.54 0.00	68.37 -0.97 0.00
DANSKAMMER___1 23586	51.51 3.36 0.00	51.00 3.23 0.00	43.45 2.74 0.00	46.41 2.88 0.00	48.45 2.97 0.00	58.61 3.78 0.00	73.67 5.32 0.00	55.19 3.89 -5.68	56.81 4.30 0.00	50.69 3.50 0.00	59.63 4.29 0.00	62.62 4.42 0.00	59.32 4.27 0.00	66.70 4.64 0.00	66.62 4.66 0.00	69.80 5.16 0.00	67.48 5.47 0.00	65.58 4.55 -14.60	65.20 5.08 -7.83	67.30 4.02 -21.87	64.27 3.33 -25.11	60.37 4.66 0.00	98.03 6.85 0.00	74.15 4.81 0.00
DANSKAMMER___2 23589	51.51 3.36 0.00	51.00 3.23 0.00	43.45 2.74 0.00	46.41 2.88 0.00	48.45 2.97 0.00	58.61 3.78 0.00	73.67 5.32 0.00	55.19 3.89 -5.68	56.81 4.30 0.00	50.69 3.50 0.00	59.63 4.29 0.00	62.62 4.42 0.00	59.32 4.27 0.00	66.70 4.64 0.00	66.62 4.66 0.00	69.80 5.16 0.00	67.48 5.47 0.00	65.58 4.55 -14.60	65.20 5.08 -7.83	67.30 4.02 -21.87	64.27 3.33 -25.11	60.37 4.66 0.00	98.03 6.85 0.00	74.15 4.81 0.00
DANSKAMMER___3 23590	51.51 3.36 0.00	51.00 3.23 0.00	43.45 2.74 0.00	46.41 2.88 0.00	48.45 2.97 0.00	58.61 3.78 0.00	73.67 5.32 0.00	55.19 3.89 -5.68	56.81 4.30 0.00	50.69 3.50 0.00	59.63 4.29 0.00	62.62 4.42 0.00	59.32 4.27 0.00	66.70 4.64 0.00	66.62 4.66 0.00	69.80 5.16 0.00	67.48 5.47 0.00	65.58 4.55 -14.60	65.20 5.08 -7.83	67.30 4.02 -21.87	64.27 3.33 -25.11	60.37 4.66 0.00	98.03 6.85 0.00	74.15 4.81 0.00

DANSKAMMER___4 23591	51.51 3.36 0.00	51.00 3.23 0.00	43.45 2.74 0.00	46.41 2.88 0.00	48.45 2.97 0.00	58.61 3.78 0.00	73.67 5.32 0.00	55.19 3.89 -5.68	56.81 4.30 0.00	50.69 3.50 0.00	59.63 4.29 0.00	62.62 4.42 0.00	59.32 4.27 0.00	66.70 4.64 0.00	66.62 4.66 0.00	69.80 5.16 0.00	67.48 5.47 0.00	65.58 4.55 -14.60	65.20 5.08 -7.83	67.30 4.02 -21.87	64.27 3.33 -25.11	60.37 4.66 0.00	98.03 6.85 0.00	74.15 4.81 0.00
DANSKAMMER___DIESEL 23592	51.51 3.36 0.00	51.00 3.23 0.00	43.45 2.74 0.00	46.41 2.88 0.00	48.45 2.97 0.00	58.61 3.78 0.00	73.66 5.31 0.00	55.19 3.89 -5.68	56.81 4.30 0.00	50.69 3.50 0.00	59.64 4.29 0.00	62.62 4.42 0.00	59.32 4.27 0.00	66.70 4.64 0.00	66.62 4.66 0.00	69.80 5.16 0.00	67.49 5.48 0.00	65.58 4.55 -14.60	65.20 5.08 -7.83	67.30 4.02 -21.87	64.27 3.34 -25.11	60.39 4.68 0.00	98.04 6.86 0.00	74.15 4.81 0.00
DARBY___SOLAR 323810	50.53 2.38 0.00	50.05 2.28 0.00	42.65 1.94 0.00	45.63 2.10 0.00	47.70 2.21 0.00	57.54 2.71 0.00	72.06 3.71 0.00	55.89 2.61 -7.67	55.46 2.96 0.00	49.49 2.30 0.00	58.04 2.69 0.00	60.97 2.77 0.00	57.72 2.67 0.00	65.04 2.98 0.00	64.93 2.98 0.00	68.07 3.43 0.00	65.71 3.71 0.00	97.12 3.00 -47.69	85.90 3.38 -30.23	92.01 2.69 -47.90	71.85 2.27 -33.76	58.99 3.28 0.00	95.91 4.73 0.00	72.63 3.29 0.00
DASHVILLE___HYD 23610	52.49 4.33 0.00	51.93 4.15 0.00	44.23 3.52 0.00	47.24 3.71 0.00	49.34 3.85 0.00	59.75 4.92 0.00	75.27 6.92 0.00	56.48 5.05 -5.82	58.12 5.61 0.00	51.80 4.61 0.00	60.91 5.57 0.00	63.94 5.74 0.00	60.58 5.54 0.00	68.24 6.18 0.00	68.20 6.24 0.00	71.53 6.89 0.00	69.28 7.27 0.00	69.76 5.97 -17.36	68.66 6.68 -9.69	70.77 5.26 -24.10	66.14 4.35 -25.96	61.89 6.18 0.00	100.36 9.18 0.00	75.83 6.49 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	56.40 4.64 -3.60	52.06 4.29 0.00	44.24 3.53 0.00	47.33 3.80 0.00	49.36 3.88 0.00	60.00 5.17 0.00	75.48 7.12 0.00	56.56 5.20 -5.74	58.21 5.69 0.00	51.54 4.34 0.00	60.30 4.95 0.00	63.28 5.08 0.00	59.71 4.66 0.00	67.54 5.48 0.00	67.43 5.47 0.00	71.12 6.48 0.00	68.59 6.58 0.00	65.98 5.18 -14.37	65.79 5.83 -7.66	72.85 5.45 -25.99	65.79 4.77 -25.19	62.62 6.91 0.00	101.26 10.08 0.00	76.27 6.93 0.00
DELAWARE___LFGE 323621	49.28 1.13 0.00	48.82 1.05 0.00	41.63 0.92 0.00	44.50 0.96 0.00	46.53 1.04 0.00	56.23 1.40 0.00	70.49 2.14 0.00	49.75 1.55 -2.59	54.26 1.75 0.00	48.67 1.47 0.00	57.22 1.87 0.00	60.15 1.94 0.00	56.90 1.85 0.00	64.07 2.01 0.00	63.94 1.98 0.00	66.91 2.27 0.00	64.37 2.36 0.00	59.20 1.95 -10.81	60.91 2.13 -6.49	55.71 1.63 -12.67	48.53 1.34 -11.37	57.45 1.74 0.00	93.83 2.65 0.00	71.18 1.84 0.00
DERFIELD_115KV_TB7 355931	48.25 0.10 0.00	47.87 0.10 0.00	40.79 0.08 0.00	43.62 0.09 0.00	45.58 0.09 0.00	54.99 0.15 0.00	68.61 0.26 0.00	45.88 0.27 0.00	52.78 0.27 0.00	47.37 0.17 0.00	55.61 0.27 0.00	58.47 0.27 0.00	55.32 0.28 0.00	62.34 0.28 0.00	62.22 0.26 0.00	64.94 0.31 0.00	62.37 0.36 0.00	46.76 0.33 0.00	52.67 0.38 0.00	41.70 0.29 0.00	36.04 0.21 0.00	56.03 0.32 0.00	91.63 0.45 0.00	69.62 0.28 0.00
DOGLEVILLE___HYD 23807	48.84 0.68 0.00	48.37 0.60 0.00	41.24 0.53 0.00	44.02 0.49 0.00	46.06 0.57 0.00	55.75 0.93 0.00	70.11 1.76 0.00	47.06 1.45 0.00	54.11 1.60 0.00	48.24 1.04 0.00	56.68 1.34 0.00	59.70 1.49 0.00	56.35 1.30 0.00	63.50 1.44 0.00	63.36 1.40 0.00	66.61 1.97 0.00	64.21 2.20 0.00	48.42 1.99 0.00	54.50 2.21 0.00	43.13 1.72 0.00	37.14 1.31 0.00	57.57 1.86 0.00	93.84 2.66 0.00	70.45 1.11 0.00
DUNKIRK___115KV_TB_200 55889	42.46 -4.47 1.21	43.09 -4.68 0.00	36.95 -3.76 0.00	39.93 -3.60 0.00	41.93 -3.56 0.00	50.16 -4.67 0.00	62.36 -5.99 0.00	42.69 -3.92 -1.00	47.97 -4.54 0.00	43.37 -3.82 0.00	51.39 -3.96 0.00	53.79 -4.42 0.00	50.42 -4.31 0.32	51.32 -4.88 5.86	52.13 -4.84 4.99	54.14 -5.41 5.08	44.00 -5.81 12.20	29.84 -4.37 12.23	32.08 -5.24 14.97	25.54 -4.30 11.57	22.18 -3.78 9.87	35.36 -6.61 13.75	54.07 -9.35 27.77	40.14 -6.83 22.37
DUNKIRK___1 23563	42.46 -4.47 1.21	43.09 -4.68 0.00	36.95 -3.76 0.00	39.93 -3.60 0.00	41.93 -3.56 0.00	50.16 -4.67 0.00	62.36 -5.99 0.00	42.69 -3.92 -1.00	47.97 -4.54 0.00	43.37 -3.82 0.00	51.39 -3.96 0.00	53.79 -4.42 0.00	50.42 -4.31 0.32	51.32 -4.88 5.86	52.13 -4.84 4.99	54.14 -5.41 5.08	44.00 -5.81 12.20	29.84 -4.37 12.23	32.08 -5.24 14.97	25.54 -4.30 11.57	22.18 -3.78 9.87	35.36 -6.61 13.75	54.07 -9.35 27.77	40.14 -6.83 22.37
DUNKIRK___2 23564	42.46 -4.47 1.21	43.09 -4.68 0.00	36.95 -3.76 0.00	39.93 -3.60 0.00	41.93 -3.56 0.00	50.16 -4.67 0.00	62.36 -5.99 0.00	42.69 -3.92 -1.00	47.97 -4.54 0.00	43.37 -3.82 0.00	51.39 -3.96 0.00	53.79 -4.42 0.00	50.42 -4.31 0.32	51.32 -4.88 5.86	52.13 -4.84 4.99	54.14 -5.41 5.08	44.00 -5.81 12.20	29.84 -4.37 12.23	32.08 -5.24 14.97	25.54 -4.30 11.57	22.18 -3.78 9.87	35.36 -6.61 13.75	54.07 -9.35 27.77	40.14 -6.83 22.37
DUNKIRK___3 23565	42.32 -4.49 1.34	43.12 -4.65 0.00	36.90 -3.81 0.00	39.82 -3.71 0.00	41.78 -3.71 0.00	50.07 -4.76 0.00	62.16 -6.19 0.00	42.48 -4.12 -0.98	47.67 -4.84 0.00	43.11 -4.08 0.00	51.07 -4.27 0.00	53.45 -4.76 0.00	50.11 -4.58 0.36	50.52 -5.07 6.47	51.46 -5.00 5.50	53.45 -5.58 5.61	42.66 -5.89 13.46	28.25 -4.38 13.80	30.37 -5.23 16.69	23.90 -4.28 13.23	20.66 -3.75 11.42	33.97 -6.57 15.17	51.25 -9.28 30.65	37.87 -6.77 24.70
DUNKIRK___4 23566	42.32 -4.49 1.34	43.12 -4.65 0.00	36.90 -3.81 0.00	39.82 -3.71 0.00	41.78 -3.71 0.00	50.07 -4.76 0.00	62.16 -6.19 0.00	42.48 -4.12 -0.98	47.67 -4.84 0.00	43.11 -4.08 0.00	51.07 -4.27 0.00	53.45 -4.76 0.00	50.11 -4.58 0.36	50.52 -5.07 6.47	51.46 -5.00 5.50	53.45 -5.58 5.61	42.66 -5.89 13.46	28.25 -4.38 13.80	30.37 -5.23 16.69	23.90 -4.28 13.23	20.66 -3.75 11.42	33.97 -6.57 15.17	51.25 -9.28 30.65	37.87 -6.77 24.70
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.22 3.07 0.00	50.71 2.94 0.00	43.21 2.50 0.00	46.15 2.62 0.00	48.16 2.68 0.00	58.19 3.36 0.00	73.18 4.82 0.00	54.90 3.56 -5.74	56.42 3.91 0.00	50.33 3.14 0.00	59.14 3.80 0.00	62.11 3.90 0.00	58.84 3.79 0.00	66.04 3.97 0.00	65.93 3.97 0.00	69.09 4.45 0.00	66.80 4.79 0.00	64.84 4.04 -14.36	64.44 4.49 -7.66	66.75 3.59 -21.75	63.97 2.96 -25.18	59.81 4.10 0.00	97.03 5.86 0.00	73.42 4.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.97 2.82 0.00	50.47 2.69 0.00	43.01 2.30 0.00	45.94 2.40 0.00	47.95 2.47 0.00	58.02 3.19 0.00	72.90 4.55 0.00	54.30 3.33 -5.36	56.12 3.62 0.00	50.13 2.93 0.00	58.90 3.56 0.00	61.85 3.65 0.00	58.59 3.55 0.00	66.04 3.98 0.00	65.96 4.00 0.00	69.13 4.49 0.00	66.81 4.81 0.00	64.66 4.06 -14.17	64.43 4.53 -7.61	66.20 3.59 -21.20	63.11 2.97 -24.32	59.82 4.11 0.00	97.14 5.96 0.00	73.52 4.18 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	51.42 3.26 0.00	50.89 3.12 0.00	43.31 2.60 0.00	46.24 2.71 0.00	48.19 2.70 0.00	58.28 3.45 0.00	73.27 4.91 0.00	54.99 3.65 -5.74	56.50 3.98 0.00	50.45 3.26 0.00	59.20 3.85 0.00	62.22 4.02 0.00	58.99 3.94 0.00	66.10 4.04 0.00	66.02 4.06 0.00	69.18 4.54 0.00	66.95 4.94 0.00	64.88 4.08 -14.36	64.52 4.57 -7.66	66.80 3.64 -21.75	64.02 3.01 -25.18	59.91 4.20 0.00	97.08 5.90 0.00	73.59 4.25 0.00
E179THST_13_KV_LOAD 356214	51.62 3.46 0.00	51.09 3.31 0.00	43.46 2.75 0.00	46.40 2.87 0.00	48.34 2.86 0.00	58.50 3.67 0.00	73.57 5.22 0.00	55.21 3.87 -5.74	56.75 4.24 0.00	50.68 3.48 0.00	59.47 4.13 0.00	62.53 4.32 0.00	59.28 4.23 0.00	66.41 4.35 0.00	66.33 4.37 0.00	69.51 4.87 0.00	67.28 5.27 0.00	65.13 4.32 -14.36	64.80 4.85 -7.66	67.02 3.86 -21.75	64.22 3.20 -25.18	60.19 4.48 0.00	97.54 6.36 0.00	73.92 4.58 0.00
EAST HAMPTON___GT 23717	55.67 3.92 -3.60	51.35 3.57 0.00	43.63 2.92 0.00	46.67 3.14 0.00	48.69 3.20 0.00	59.22 4.38 0.00	74.54 6.19 0.00	55.96 4.61 -5.74	57.51 4.99 0.00	50.88 3.69 0.00	59.45 4.11 0.00	62.38 4.18 0.00	58.86 3.81 0.00	66.66 4.61 0.00	66.56 4.61 0.00	70.31 5.67 0.00	67.87 5.86 0.00	65.46 4.66 -14.37	65.25 5.30 -7.66	72.54 5.14 -25.99	65.66 4.64 -25.19	62.50 6.79 0.00	101.02 9.83 0.00	75.87 6.53 0.00
EAST RIVER___6 23660	51.18 3.03 0.00	50.68 2.91 0.00	43.17 2.46 0.00	46.11 2.58 0.00	48.11 2.62 0.00	58.15 3.32 0.00	73.18 4.83 0.00	54.99 3.64 -5.74	56.59 4.08 0.00	50.50 3.31 0.00	59.28 3.94 0.00	62.24 4.04 0.00	59.03 3.99 0.00	66.18 4.12 0.00	66.08 4.13 0.00	69.23 4.60 0.00	66.97 4.97 0.00	64.98 4.18 -14.36	64.57 4.62 -7.66	66.83 3.67 -21.75	64.00 2.99 -25.18	59.78 4.07 0.00	96.92 5.74 0.00	73.31 3.97 0.00
EAST RIVER___7 23524	51.18 3.03 0.00	50.68 2.91 0.00	43.17 2.46 0.00	46.11 2.58 0.00	48.11 2.62 0.00	58.15 3.32 0.00	73.18 4.83 0.00	54.99 3.64 -5.74	56.59 4.08 0.00	50.50 3.31 0.00	59.28 3.94 0.00	62.24 4.04 0.00	59.03 3.99 0.00	66.18 4.12 0.00	66.08 4.13 0.00	69.23 4.60 0.00	66.97 4.97 0.00	64.98 4.18 -14.36	64.57 4.62 -7.66	66.83 3.67 -21.75	64.00 2.99 -25.18	59.78 4.07 0.00	96.92 5.74 0.00	73.31 3.97 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.10 2.95 0.00	50.59 2.82 0.00	43.11 2.40 0.00	46.04 2.51 0.00	48.05 2.56 0.00	58.08 3.25 0.00	73.03 4.68 0.00	54.77 3.45 -5.71	56.28 3.77 0.00	50.21 3.02 0.00	59.01 3.67 0.00	61.96 3.76 0.00	58.71 3.67 0.00	65.90 3.84 0.00	65.79 3.84 0.00	68.95 4.31 0.00	66.65 4.65 0.00	64.71 3.94 -14.34	64.29 4.36 -7.65	66.60 3.48 -21.71	63.84 2.87 -25.13	59.68 3.97 0.00	96.87 5.69 0.00	73.31 3.97 0.00
EAST_HAMPTON___DIESEL 23722	55.54 3.79 -3.60	51.22 3.45 0.00	43.52 2.81 0.00	46.56 3.03 0.00	48.57 3.09 0.00	59.07 4.24 0.00	74.36 6.00 0.00	55.84 4.49 -5.74	57.37 4.85 0.00	50.76 3.56 0.00	59.31 3.97 0.00	62.23 4.03 0.00	58.73 3.69 0.00	66.49 4.44 0.00	66.40 4.44 0.00	70.15 5.51 0.00	67.71 5.70 0.00	65.34 4.54 -14.37	65.09 5.14 -7.66	72.43 5.03 -25.99	65.59 4.57 -25.19	62.42 6.71 0.00	100.87 9.68 0.00	75.73 6.39 0.00
EAST_POINT___SOLAR 323840	50.81 2.66 0.00	50.30 2.53 0.00	42.85 2.14 0.00	45.84 2.31 0.00	47.95 2.47 0.00	57.97 3.14 0.00	72.68 4.32 0.00	56.99 2.99 -8.38	55.29 2.78 0.00	49.13 1.94 0.00	56.87 1.53 0.00	59.98 1.78 0.00	57.14 2.10 0.00	64.92 2.86 0.00	65.25 3.29 0.00	68.54 3.91 0.00	66.32 4.31 0.00	98.05 3.43 -48.17	86.39 3.83 -30.26	94.09 2.90 -49.78	75.18 2.40 -36.95	59.17 3.46 0.00	97.01 5.83 0.00	73.75 4.41 0.00
EAST_PULASKI___ESR 323781	46.21 -1.94 0.00	45.81 -1.96 0.00	39.06 -1.66 0.00	41.75 -1.78 0.00	43.63 -1.86 0.00	52.72 -2.12 0.00	65.91 -2.44 0.00	44.57 -1.45 -0.42	50.77 -1.74 0.00	45.63 -1.56 0.00	53.55 -1.79 0.00	56.10 -2.10 0.00	53.09 -1.96 0.00	59.77 -2.29 0.00	59.60 -2.35 0.00	62.32 -2.32 0.00	60.16 -1.85 0.00	45.59 -1.17 -0.32	51.06 -1.27 -0.04	41.51 -1.03 -1.14	36.74 -0.99 -1.90	54.02 -1.70 0.00	88.91 -2.28 0.00	67.65 -1.69 0.00
EAST_RIVER___1 323558	51.18 3.03 0.00	50.68 2.91 0.00	43.18 2.48 0.00	46.12 2.59 0.00	48.12 2.63 0.00	58.14 3.31 0.00	73.16 4.81 0.00	54.96 3.61 -5.74	56.53 4.02 0.00	50.45 3.26 0.00	59.23 3.88 0.00	62.18 3.97 0.00	58.96 3.91 0.00	66.11 4.05 0.00	66.01 4.06 0.00	69.16 4.52 0.00	66.89 4.88 0.00	64.92 4.12 -14.36	64.51 4.56 -7.66	66.79 3.63 -21.75	63.98 2.97 -25.18	59.75 4.04 0.00	96.95 5.76 0.00	73.33 3.99 0.00
EAST_RIVER___2 323559	51.18 3.03 0.00	50.68 2.91 0.00	43.17 2.46 0.00	46.11 2.58 0.00	48.11 2.62 0.00	58.15 3.32 0.00	73.18 4.83 0.00	54.99 3.64 -5.74	56.59 4.08 0.00	50.50 3.31 0.00	59.28 3.94 0.00	62.24 4.04 0.00	59.03 3.99 0.00	66.18 4.12 0.00	66.08 4.13 0.00	69.23 4.60 0.00	66.97 4.97 0.00	64.98 4.18 -14.36	64.57 4.62 -7.66	66.83 3.67 -21.75	64.00 2.99 -25.18	59.78 4.07 0.00	96.92 5.74 0.00	73.31 3.97 0.00
EAST___DELAWARE_HYD 23607	50.74 2.59 0.00	50.24 2.47 0.00	42.80 2.09 0.00	45.71 2.18 0.00	47.76 2.28 0.00	57.80 2.97 0.00	72.80 4.45 0.00	53.97 3.30 -5.07	56.13 3.62 0.00	50.14 2.94 0.00	58.93 3.58 0.00	61.84 3.64 0.00	58.58 3.53 0.00	66.02 3.96 0.00	65.98 4.02 0.00	69.12 4.49 0.00	66.87 4.86 0.00	64.51 4.13 -13.95	64.46 4.60 -7.58	65.46 3.64 -20.41	61.81 2.99 -22.99	59.79 4.08 0.00	97.11 5.93 0.00	73.44 4.10 0.00
EIGHT_POINT___WT_PWR 323820	47.25 -5.25 -4.35	42.36 -5.41 0.00	36.19 -4.52 0.00	38.75 -4.78 0.00	40.91 -4.57 0.00	50.17 -4.66 0.00	64.17 -4.18 0.00	44.29 -2.54 -1.22	48.60 -3.91 0.00	43.64 -3.56 0.00	51.90 -3.44 0.00	54.72 -3.48 0.00	52.61 -3.64 -1.21	78.79 -4.39 -21.12	75.86 -4.20 -18.10	78.45 -4.66 -18.47	101.80 -4.47 -44.26	100.55 -3.19 -57.31	109.73 -3.81 -61.25	99.06 -3.48 -61.13	90.15 -3.32 -57.64	99.81 -5.80 -49.89	183.71 -8.57 -101.09	144.28 -6.69 -81.63
ELBRIDGE_115KV_TB2 80188	46.82 -1.34 0.00	46.47 -1.30 0.00	39.62 -1.09 0.00	42.39 -1.15 0.00	44.34 -1.14 0.00	53.53 -1.30 0.00	66.93 -1.42 0.00	45.29 -0.93 -0.62	51.34 -1.16 0.00	46.12 -1.08 0.00	54.18 -1.16 0.00	56.88 -1.32 0.00	53.81 -1.23 0.00	60.66 -1.40 0.00	60.64 -1.32 0.00	63.29 -1.35 0.00	60.77 -1.24 0.00	46.15 -0.76 -0.47	51.46 -0.89 -0.06	42.39 -0.71 -1.69	38.00 -0.66 -2.83	54.42 -1.29 0.00	89.08 -2.10 0.00	67.65 -1.69 0.00
ELEC_TRO_TEK 24086	57.02 3.71 -5.16	51.27 3.49 0.00	43.58 2.87 0.00	46.60 3.07 0.00	48.57 3.09 0.00	58.80 3.96 0.00	73.85 5.49 0.00	55.37 4.02 -5.74	56.97 4.46 0.00	50.70 3.51 0.00	59.51 4.16 0.00	62.57 4.37 0.00	59.16 4.11 0.00	66.55 4.49 0.00	66.52 4.56 0.00	69.79 5.16 0.00	67.37 5.36 0.00	65.19 4.38 -14.37	64.84 4.89 -7.66	74.73 4.07 -29.24	64.45 3.43 -25.19	60.56 4.85 0.00	97.95 6.77 0.00	74.27 4.93 0.00

ELLENBURG_WT_PWR 323604	47.21 -0.94 0.00	46.92 -0.85 0.00	39.84 -0.87 0.00	42.66 -0.88 0.00	44.56 -0.93 0.00	53.51 -1.32 0.00	66.26 -2.09 0.00	44.08 -1.53 0.00	51.04 -1.47 0.00	45.95 -1.24 0.00	53.70 -1.65 0.00	56.57 -1.63 0.00	53.23 -1.82 0.00	60.27 -1.79 0.00	60.49 -1.47 0.00	63.72 -0.92 0.00	61.38 -0.63 0.00	45.68 -0.76 0.00	51.34 -0.94 0.00	40.47 -0.94 0.00	34.95 -0.88 0.00	54.73 -0.98 0.00	90.05 -1.13 0.00	69.01 -0.33 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.12 -4.68 1.35	42.96 -4.81 0.00	36.63 -4.08 0.00	39.44 -4.10 0.00	41.27 -4.22 0.00	49.64 -5.19 0.00	61.39 -6.96 0.00	41.79 -4.78 -0.95	46.79 -5.72 0.00	42.32 -4.87 0.00	50.10 -5.24 0.00	52.41 -5.79 0.00	49.19 -5.50 0.36	49.58 -5.97 6.51	50.65 -5.77 5.53	52.71 -6.28 5.64	42.06 -6.42 13.53	27.75 -4.68 14.00	29.91 -5.54 16.84	23.46 -4.48 13.47	20.28 -3.88 11.66	33.68 -6.78 15.25	50.72 -9.60 30.86	37.43 -7.02 24.89
EMPIRE_CC_1 323656	50.12 1.97 0.00	49.67 1.90 0.00	42.33 1.62 0.00	45.26 1.73 0.00	47.29 1.81 0.00	56.89 2.06 0.00	70.90 2.55 0.00	54.79 1.87 -7.31	54.56 2.06 0.00	48.71 1.52 0.00	57.26 1.91 0.00	60.21 2.01 0.00	57.03 1.99 0.00	64.15 2.10 0.00	63.99 2.04 0.00	67.03 2.40 0.00	64.54 2.53 0.00	71.86 2.03 -23.39	67.87 2.25 -13.33	74.36 1.87 -31.07	69.52 1.60 -32.09	58.21 2.50 0.00	94.21 3.03 0.00	71.58 2.24 0.00
EMPIRE_CC_2 323658	50.12 1.97 0.00	49.67 1.90 0.00	42.33 1.62 0.00	45.26 1.73 0.00	47.29 1.81 0.00	56.89 2.06 0.00	70.90 2.55 0.00	54.79 1.87 -7.31	54.56 2.06 0.00	48.71 1.52 0.00	57.26 1.91 0.00	60.21 2.01 0.00	57.03 1.99 0.00	64.15 2.10 0.00	63.99 2.04 0.00	67.03 2.40 0.00	64.54 2.53 0.00	71.86 2.03 -23.39	67.87 2.25 -13.33	74.36 1.87 -31.07	69.52 1.60 -32.09	58.21 2.50 0.00	94.21 3.03 0.00	71.58 2.24 0.00
ENORWICH_115KV_TB1 80156	48.61 0.47 0.00	48.22 0.45 0.00	41.14 0.43 0.00	44.01 0.48 0.00	46.13 0.65 0.00	56.11 1.28 0.00	71.07 2.72 0.00	51.97 4.12 -2.24	58.06 5.55 0.00	51.45 4.25 0.00	60.89 5.55 0.00	63.96 5.76 0.00	59.83 4.78 0.00	67.43 5.37 0.00	67.04 5.09 0.00	71.01 6.37 0.00	66.86 4.85 0.00	56.22 3.70 -6.08	59.31 3.52 -3.49	51.84 2.48 -7.95	45.82 1.90 -8.09	57.63 1.91 0.00	94.66 3.48 0.00	71.42 2.08 0.00
ERIE_ST__34_KV_TB1-2 80199	43.52 -3.52 1.11	44.11 -3.66 0.00	37.58 -3.13 0.00	40.42 -3.11 0.00	42.35 -3.14 0.00	50.93 -3.91 0.00	63.10 -5.25 0.00	43.00 -3.61 -0.99	48.18 -4.33 0.00	43.55 -3.65 0.00	51.57 -3.77 0.00	53.99 -4.21 0.00	50.75 -4.00 0.30	52.56 -4.13 5.37	53.28 -4.10 4.58	55.39 -4.58 4.67	46.04 -4.76 11.21	32.01 -3.48 10.95	34.53 -4.14 13.62	27.78 -3.38 10.25	24.20 -2.98 8.65	37.74 -5.34 12.64	58.51 -7.24 25.43	43.57 -5.33 20.44
ERIE_WT_PWR 323693	42.45 -4.42 1.27	43.25 -4.52 0.00	36.88 -3.83 0.00	39.71 -3.82 0.00	41.58 -3.91 0.00	50.06 -4.77 0.00	61.94 -6.42 0.00	42.22 -4.36 -0.98	47.23 -5.28 0.00	42.75 -4.45 0.00	50.63 -4.72 0.00	52.88 -5.32 0.00	49.65 -5.06 0.34	50.52 -5.38 6.16	51.54 -5.17 5.25	53.57 -5.72 5.35	43.41 -5.77 12.84	29.16 -4.25 13.02	31.40 -5.04 15.84	24.88 -4.11 12.42	21.54 -3.62 10.67	35.16 -6.09 14.47	53.37 -8.62 29.19	39.56 -6.29 23.50
ESPRGFLD_115KV_TB1 80157	49.13 0.98 0.00	48.68 0.91 0.00	41.48 0.77 0.00	44.36 0.83 0.00	46.38 0.89 0.00	56.08 1.25 0.00	70.23 1.88 0.00	46.97 1.37 0.00	54.06 1.55 0.00	48.76 1.57 0.00	57.33 1.99 0.00	60.19 1.99 0.00	57.06 2.01 0.00	64.31 2.25 0.00	64.21 2.25 0.00	67.01 2.37 0.00	64.41 2.40 0.00	79.32 1.78 -31.10	76.05 1.93 -21.83	63.27 1.35 -20.50	36.91 1.08 0.00	57.12 1.41 0.00	93.89 2.71 0.00	71.44 2.10 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.80 -0.35 0.00	47.41 -0.36 0.00	40.42 -0.29 0.00	43.24 -0.29 0.00	45.26 -0.23 0.00	54.74 -0.09 0.00	68.62 0.27 0.00	46.97 0.20 -1.16	52.65 0.14 0.00	47.24 0.05 0.00	55.56 0.22 0.00	58.35 0.15 0.00	55.12 0.07 0.00	62.13 0.07 0.00	62.11 0.15 0.00	64.79 0.15 0.00	62.36 0.35 0.00	50.68 0.64 -3.60	54.91 0.65 -1.98	47.05 0.46 -5.18	41.87 0.29 -5.75	55.79 0.08 0.00	91.41 0.23 0.00	69.31 -0.03 0.00
ETNA____115KV_TB2 80207	47.80 -0.35 0.00	47.41 -0.36 0.00	40.42 -0.29 0.00	43.24 -0.29 0.00	45.26 -0.23 0.00	54.74 -0.09 0.00	68.62 0.27 0.00	46.97 0.20 -1.16	52.65 0.14 0.00	47.24 0.05 0.00	55.56 0.22 0.00	58.35 0.15 0.00	55.12 0.07 0.00	62.13 0.07 0.00	62.11 0.15 0.00	64.79 0.15 0.00	62.36 0.35 0.00	50.68 0.64 -3.60	54.91 0.65 -1.98	47.05 0.46 -5.18	41.87 0.29 -5.75	55.79 0.08 0.00	91.41 0.23 0.00	69.31 -0.03 0.00
EUCLID__115KV_TB2 356179	46.60 -1.55 0.00	46.20 -1.57 0.00	39.38 -1.33 0.00	42.12 -1.41 0.00	44.05 -1.43 0.00	53.16 -1.67 0.00	66.38 -1.97 0.00	44.86 -1.23 -0.49	51.04 -1.47 0.00	45.85 -1.35 0.00	53.87 -1.48 0.00	56.56 -1.64 0.00	53.54 -1.51 0.00	60.36 -1.70 0.00	60.27 -1.69 0.00	62.93 -1.71 0.00	60.44 -1.57 0.00	45.76 -1.05 -0.37	51.10 -1.23 -0.05	41.74 -1.00 -1.33	37.15 -0.91 -2.23	54.05 -1.66 0.00	88.50 -2.68 0.00	67.22 -2.12 0.00
E_CANADA_CAP_HY 24051	49.56 1.41 0.00	49.04 1.27 0.00	41.78 1.07 0.00	44.71 1.18 0.00	46.73 1.25 0.00	56.42 1.59 0.00	70.51 2.16 0.00	55.80 1.49 -8.70	54.04 1.53 0.00	48.59 1.39 0.00	56.92 1.58 0.00	59.78 1.58 0.00	56.73 1.68 0.00	64.10 2.05 0.00	64.12 2.16 0.00	66.89 2.25 0.00	64.36 2.35 0.00	93.91 1.79 -45.69	82.65 1.98 -28.38	91.65 1.41 -48.83	75.34 1.16 -38.36	57.38 1.67 0.00	94.43 3.25 0.00	71.98 2.64 0.00
E_CANADA_MHWK_HY 24050	48.84 0.68 0.00	48.37 0.60 0.00	41.24 0.53 0.00	44.02 0.49 0.00	46.06 0.57 0.00	55.75 0.93 0.00	70.11 1.76 0.00	47.06 1.45 0.00	54.11 1.60 0.00	48.24 1.04 0.00	56.68 1.34 0.00	59.70 1.49 0.00	56.35 1.30 0.00	63.50 1.44 0.00	63.36 1.40 0.00	66.61 1.97 0.00	64.21 2.20 0.00	48.42 1.99 0.00	54.50 2.21 0.00	43.13 1.72 0.00	37.14 1.31 0.00	57.57 1.86 0.00	93.84 2.66 0.00	70.45 1.11 0.00
E_FISHKILL__LBMP 23776	50.96 2.81 0.00	50.47 2.70 0.00	43.00 2.29 0.00	45.93 2.40 0.00	47.94 2.45 0.00	57.93 3.10 0.00	72.77 4.42 0.00	54.90 3.26 -6.03	56.10 3.59 0.00	50.05 2.85 0.00	58.88 3.54 0.00	61.84 3.64 0.00	58.58 3.54 0.00	65.65 3.59 0.00	65.53 3.57 0.00	68.65 4.02 0.00	66.36 4.35 0.00	64.73 3.67 -14.63	64.17 4.08 -7.80	66.81 3.25 -22.16	64.17 2.68 -25.66	59.42 3.72 0.00	96.50 5.32 0.00	73.06 3.72 0.00
FALCON____SEABRD_CC1 323796	47.97 -0.18 0.00	47.61 -0.16 0.00	40.46 -0.25 0.00	43.29 -0.24 0.00	45.19 -0.29 0.00	54.09 -0.74 0.00	66.96 -1.39 0.00	44.57 -1.04 0.00	51.53 -0.97 0.00	46.32 -0.87 0.00	54.19 -1.15 0.00	57.09 -1.12 0.00	53.66 -1.39 0.00	60.79 -1.27 0.00	60.88 -1.08 0.00	64.25 -0.39 0.00	62.01 0.00 0.00	46.16 -0.28 0.00	51.87 -0.42 0.00	40.88 -0.53 0.00	35.29 -0.54 0.00	55.14 -0.58 0.00	90.68 -0.50 0.00	69.79 0.45 0.00

FALCON___SEABRD_CC2 323797	47.97 -0.18 0.00	47.61 -0.16 0.00	40.46 -0.25 0.00	43.29 -0.24 0.00	45.19 -0.29 0.00	54.09 -0.74 0.00	66.96 -1.39 0.00	44.57 -1.04 0.00	51.53 -0.97 0.00	46.32 -0.87 0.00	54.19 -1.15 0.00	57.09 -1.12 0.00	53.66 -1.39 0.00	60.79 -1.27 0.00	60.88 -1.08 0.00	64.25 -0.39 0.00	62.01 0.00 0.00	46.16 -0.28 0.00	51.87 -0.42 0.00	40.88 -0.53 0.00	35.29 -0.54 0.00	55.14 -0.58 0.00	90.68 -0.50 0.00	69.79 0.45 0.00
FAR ROCKAWAY___4 23548	57.38 4.33 -4.89	51.89 4.11 0.00	44.11 3.40 0.00	47.16 3.63 0.00	49.15 3.67 0.00	59.52 4.69 0.00	74.82 6.46 0.00	56.01 4.66 -5.74	57.71 5.20 0.00	51.37 4.17 0.00	60.30 4.96 0.00	63.39 5.19 0.00	59.93 4.88 0.00	67.45 5.39 0.00	67.44 5.48 0.00	70.79 6.15 0.00	68.38 6.37 0.00	65.96 5.16 -14.37	65.70 5.74 -7.66	74.76 4.74 -28.61	65.02 4.00 -25.19	61.40 5.69 0.00	99.24 8.06 0.00	75.26 5.92 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.22 3.07 0.00	50.72 2.95 0.00	43.21 2.50 0.00	46.15 2.62 0.00	48.16 2.67 0.00	58.19 3.36 0.00	73.23 4.88 0.00	54.99 3.64 -5.74	56.57 4.06 0.00	50.47 3.27 0.00	59.25 3.90 0.00	62.20 4.00 0.00	58.98 3.93 0.00	66.14 4.08 0.00	66.05 4.10 0.00	69.19 4.55 0.00	66.93 4.93 0.00	64.95 4.15 -14.36	64.56 4.61 -7.66	66.83 3.67 -21.75	64.00 2.99 -25.18	59.84 4.13 0.00	97.03 5.85 0.00	73.40 4.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.25 3.10 0.00	50.74 2.97 0.00	43.24 2.53 0.00	46.17 2.64 0.00	48.17 2.69 0.00	58.21 3.38 0.00	73.27 4.92 0.00	55.01 3.66 -5.74	56.59 4.08 0.00	50.49 3.29 0.00	59.27 3.92 0.00	62.23 4.02 0.00	59.01 3.96 0.00	66.16 4.10 0.00	66.07 4.12 0.00	69.21 4.57 0.00	66.96 4.96 0.00	64.98 4.18 -14.36	64.58 4.63 -7.66	66.84 3.68 -21.75	64.02 3.01 -25.18	59.86 4.15 0.00	97.08 5.90 0.00	73.44 4.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.19 3.05 0.00	50.69 2.92 0.00	43.20 2.49 0.00	46.13 2.59 0.00	48.13 2.64 0.00	58.16 3.33 0.00	73.20 4.85 0.00	54.96 3.61 -5.74	56.54 4.03 0.00	50.44 3.25 0.00	59.22 3.88 0.00	62.17 3.97 0.00	58.96 3.91 0.00	66.12 4.06 0.00	66.01 4.06 0.00	69.15 4.51 0.00	66.90 4.89 0.00	64.93 4.13 -14.36	64.52 4.57 -7.66	66.79 3.63 -21.75	63.99 2.97 -25.18	59.79 4.08 0.00	96.99 5.81 0.00	73.35 4.00 0.00
FARRAGUT___LBMP 323566	51.16 3.01 0.00	50.66 2.89 0.00	43.17 2.46 0.00	46.10 2.57 0.00	48.09 2.60 0.00	58.12 3.29 0.00	73.13 4.78 0.00	54.93 3.58 -5.74	56.49 3.98 0.00	50.39 3.20 0.00	59.16 3.82 0.00	62.11 3.91 0.00	58.90 3.85 0.00	66.05 3.98 0.00	65.95 3.99 0.00	69.08 4.44 0.00	66.83 4.82 0.00	64.88 4.08 -14.36	64.46 4.51 -7.66	66.75 3.59 -21.75	63.95 2.94 -25.18	59.74 4.03 0.00	96.90 5.72 0.00	73.30 3.96 0.00
FENNER___WINDPWR 24204	48.16 0.01 0.00	47.79 0.02 0.00	40.73 0.02 0.00	43.57 0.04 0.00	45.59 0.10 0.00	55.12 0.29 0.00	69.02 0.66 0.00	46.91 0.61 -0.68	53.22 0.71 0.00	47.81 0.62 0.00	56.03 0.68 0.00	58.68 0.48 0.00	55.54 0.49 0.00	62.62 0.56 0.00	62.63 0.67 0.00	65.41 0.78 0.00	62.90 0.89 0.00	47.70 0.75 -0.52	53.14 0.79 -0.06	43.83 0.56 -1.87	39.33 0.37 -3.12	56.14 0.43 0.00	91.95 0.77 0.00	69.74 0.40 0.00
FIBERTEK___ENERGY 23856	47.11 -1.05 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.92 0.00	44.58 -0.91 0.00	53.82 -1.02 0.00	67.29 -1.06 0.00	45.54 -0.65 -0.58	51.69 -0.82 0.00	46.43 -0.77 0.00	54.54 -0.80 0.00	57.26 -0.94 0.00	54.20 -0.85 0.00	61.09 -0.97 0.00	61.02 -0.94 0.00	63.71 -0.93 0.00	61.19 -0.81 0.00	46.42 -0.46 -0.44	51.79 -0.55 -0.06	42.55 -0.45 -1.59	38.06 -0.44 -2.67	54.77 -0.94 0.00	89.65 -1.53 0.00	68.08 -1.26 0.00
FITZPATRICK____ 23598	46.02 -2.13 0.00	45.64 -2.13 0.00	38.91 -1.80 0.00	41.62 -1.92 0.00	43.50 -1.99 0.00	52.48 -2.35 0.00	65.48 -2.87 0.00	44.09 -1.87 -0.35	50.31 -2.20 0.00	45.21 -1.98 0.00	53.09 -2.26 0.00	55.77 -2.43 0.00	52.76 -2.29 0.00	59.46 -2.60 0.00	59.39 -2.56 0.00	62.01 -2.63 0.00	59.53 -2.48 0.00	44.95 -1.75 -0.26	50.32 -2.00 -0.03	40.74 -1.61 -0.94	35.98 -1.42 -1.57	53.33 -2.38 0.00	87.31 -3.87 0.00	66.34 -3.00 0.00
FLOWRFLD_69_KV_BK1 356044	56.31 4.55 -3.61	52.01 4.24 0.00	44.19 3.48 0.00	47.25 3.72 0.00	49.24 3.75 0.00	59.74 4.91 0.00	75.11 6.76 0.00	56.28 4.92 -5.74	57.97 5.46 0.00	51.44 4.25 0.00	60.27 4.93 0.00	63.34 5.14 0.00	59.79 4.74 0.00	67.47 5.41 0.00	67.53 5.57 0.00	71.12 6.48 0.00	68.61 6.61 0.00	65.79 4.99 -14.37	65.55 5.59 -7.66	72.56 5.14 -26.01	65.39 4.38 -25.19	61.96 6.25 0.00	100.15 8.97 0.00	75.76 6.42 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.61 3.46 0.00	51.10 3.32 0.00	43.53 2.82 0.00	46.50 2.97 0.00	48.54 3.06 0.00	58.72 3.89 0.00	73.82 5.46 0.00	55.33 3.99 -5.74	56.91 4.40 0.00	50.80 3.60 0.00	59.77 4.42 0.00	62.77 4.57 0.00	59.45 4.40 0.00	66.82 4.76 0.00	66.74 4.78 0.00	69.93 5.29 0.00	67.60 5.59 0.00	65.70 4.64 -14.63	65.30 5.17 -7.84	67.45 4.10 -21.94	64.45 3.40 -25.22	60.50 4.79 0.00	98.18 7.00 0.00	74.28 4.94 0.00
FORT ORANGE____ 23900	50.43 2.28 0.00	49.94 2.17 0.00	42.56 1.85 0.00	45.50 1.97 0.00	47.55 2.06 0.00	57.35 2.52 0.00	71.70 3.35 0.00	55.45 2.39 -7.45	55.18 2.68 0.00	49.22 2.03 0.00	57.79 2.44 0.00	60.68 2.48 0.00	57.40 2.35 0.00	64.58 2.52 0.00	64.52 2.57 0.00	67.73 3.09 0.00	65.32 3.31 0.00	81.48 2.70 -32.34	74.86 3.02 -19.55	81.10 2.39 -37.30	70.61 2.01 -32.76	58.68 2.97 0.00	95.33 4.15 0.00	72.31 2.97 0.00
FORT_DRUM_COGEN 23780	45.80 -2.36 0.00	45.43 -2.35 0.00	38.69 -2.02 0.00	41.44 -2.09 0.00	43.27 -2.22 0.00	52.40 -2.43 0.00	65.83 -2.52 0.00	44.47 -1.42 -0.28	50.96 -1.55 0.00	45.63 -1.57 0.00	53.18 -2.16 0.00	55.28 -2.92 0.00	52.40 -2.65 0.00	58.81 -3.25 0.00	58.63 -3.33 0.00	61.62 -3.02 0.00	60.27 -1.74 0.00	45.63 -1.02 -0.22	51.48 -0.84 -0.03	41.45 -0.74 -0.78	36.28 -0.85 -1.31	54.45 -1.26 0.00	90.99 -0.19 0.00	69.53 0.19 0.00
FOX_HILLS___ESR 323835	68.79 3.49 -17.14	56.13 3.32 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.31 3.06 -7.76	60.38 3.67 -1.87	73.58 5.23 0.00	59.28 3.97 -9.69	58.31 4.26 -1.54	58.02 3.56 -7.27	59.38 4.04 0.00	62.57 4.32 -0.05	59.65 4.29 -0.32	66.27 4.21 0.00	66.90 4.38 -0.56	69.51 4.87 0.00	208.60 5.27 -141.31	138.67 4.42 -87.81	199.78 4.91 -142.58	190.07 3.95 -144.71	118.44 3.22 -79.39	112.45 4.46 -52.27	97.41 6.23 0.00	73.68 4.34 0.00
FPL FAR_ROCK_GT1 24212	57.38 4.34 -4.89	51.89 4.11 0.00	44.11 3.40 0.00	47.16 3.63 0.00	49.15 3.67 0.00	59.52 4.69 0.00	74.81 6.45 0.00	56.02 4.66 -5.74	57.71 5.20 0.00	51.37 4.18 0.00	60.30 4.96 0.00	63.38 5.17 0.00	59.92 4.87 0.00	67.44 5.38 0.00	67.44 5.49 0.00	70.79 6.15 0.00	68.36 6.35 0.00	65.96 5.15 -14.37	65.69 5.74 -7.66	74.76 4.74 -28.61	65.01 3.99 -25.19	61.37 5.66 0.00	99.22 8.04 0.00	75.27 5.93 0.00

FPL FAR_ROCK_GT2 23815	57.38 4.34 -4.89	51.89 4.11 0.00	44.11 3.40 0.00	47.16 3.63 0.00	49.15 3.67 0.00	59.52 4.69 0.00	74.81 6.45 0.00	56.02 4.66 -5.74	57.71 5.20 0.00	51.37 4.18 0.00	60.30 4.96 0.00	63.38 5.17 0.00	59.92 4.87 0.00	67.44 5.38 0.00	67.44 5.49 0.00	70.79 6.15 0.00	68.36 6.35 0.00	65.96 5.15 -14.37	65.69 5.74 -7.66	74.76 4.74 -28.61	65.01 3.99 -25.19	61.37 5.66 0.00	99.22 8.04 0.00	75.27 5.93 0.00
FRANKLIN_FALL_HYD 24054	47.91 -0.25 0.00	47.63 -0.14 0.00	40.47 -0.25 0.00	43.35 -0.18 0.00	45.31 -0.17 0.00	54.40 -0.43 0.00	67.53 -0.83 0.00	44.98 -0.62 0.00	52.04 -0.47 0.00	46.90 -0.29 0.00	54.58 -0.76 0.00	57.35 -0.85 0.00	54.00 -1.05 0.00	61.03 -1.03 0.00	61.11 -0.85 0.00	64.26 -0.38 0.00	61.91 -0.10 0.00	46.13 -0.30 0.00	51.94 -0.35 0.00	40.96 -0.45 0.00	35.42 -0.41 0.00	55.45 -0.26 0.00	91.24 0.06 0.00	69.78 0.44 0.00
FREEPORT_EQUS_GT1 23764	56.44 4.09 -4.20	51.61 3.83 0.00	43.86 3.15 0.00	46.87 3.34 0.00	48.85 3.36 0.00	59.13 4.30 0.00	74.15 5.80 0.00	55.59 4.24 -5.74	57.33 4.82 0.00	50.91 3.72 0.00	59.58 4.23 0.00	62.84 4.64 0.00	59.42 4.37 0.00	66.87 4.81 0.00	66.83 4.87 0.00	70.05 5.41 0.00	67.60 5.59 0.00	65.37 4.57 -14.37	65.04 5.09 -7.66	73.14 4.29 -27.44	64.70 3.68 -25.19	61.02 5.31 0.00	98.73 7.55 0.00	74.64 5.30 0.00
FREEPORT___CT2 23818	56.44 4.09 -4.20	51.61 3.83 0.00	43.86 3.15 0.00	46.87 3.34 0.00	48.85 3.36 0.00	59.13 4.30 0.00	74.15 5.80 0.00	55.59 4.24 -5.74	57.33 4.82 0.00	50.91 3.72 0.00	59.58 4.23 0.00	62.84 4.64 0.00	59.42 4.37 0.00	66.87 4.81 0.00	66.83 4.87 0.00	70.05 5.41 0.00	67.60 5.59 0.00	65.37 4.57 -14.37	65.04 5.09 -7.66	73.14 4.29 -27.44	64.70 3.68 -25.19	61.02 5.31 0.00	98.73 7.55 0.00	74.64 5.30 0.00
FRESHKLS_33_KV_LOAD 356253	68.86 3.57 -17.14	56.18 3.37 -5.03	56.07 2.99 -12.38	56.08 3.15 -9.40	56.39 3.14 -7.76	60.42 3.72 -1.87	73.63 5.28 0.00	59.32 4.02 -9.69	58.28 4.23 -1.54	58.03 3.56 -7.27	59.28 3.93 0.00	62.51 4.26 -0.05	59.63 4.26 -0.32	66.13 4.07 0.00	66.82 4.30 -0.56	69.45 4.81 0.00	208.56 5.24 -141.31	138.66 4.42 -87.81	199.77 4.90 -142.58	190.09 3.97 -144.71	118.45 3.23 -79.39	112.44 4.45 -52.27	97.34 6.16 0.00	73.62 4.28 0.00
FULTON COGEN____ 23766	46.33 -1.82 0.00	45.93 -1.84 0.00	39.14 -1.57 0.00	41.86 -1.67 0.00	43.78 -1.71 0.00	52.86 -1.97 0.00	66.05 -2.30 0.00	44.64 -1.43 -0.46	50.79 -1.72 0.00	45.64 -1.56 0.00	53.62 -1.72 0.00	56.28 -1.92 0.00	53.25 -1.79 0.00	60.02 -2.04 0.00	59.87 -2.09 0.00	62.61 -2.03 0.00	60.16 -1.85 0.00	45.56 -1.23 -0.35	50.90 -1.44 -0.04	41.51 -1.15 -1.25	36.86 -1.06 -2.09	53.83 -1.87 0.00	88.14 -3.05 0.00	66.94 -2.40 0.00
FULTON___LFGE 323630	50.47 2.32 0.00	49.97 2.20 0.00	42.60 1.88 0.00	45.54 2.00 0.00	47.64 2.16 0.00	57.55 2.72 0.00	72.08 3.73 0.00	56.53 2.62 -8.30	55.31 2.80 0.00	49.44 2.25 0.00	57.89 2.55 0.00	60.77 2.57 0.00	57.48 2.44 0.00	64.96 2.90 0.00	65.08 3.13 0.00	68.15 3.50 0.00	65.73 3.72 0.00	98.20 2.96 -48.80	86.33 3.31 -30.73	93.95 2.52 -50.02	74.51 2.08 -36.60	58.71 3.01 0.00	96.14 4.96 0.00	73.05 3.72 0.00
G.F.CEMENT___DRP 24184	50.66 2.51 0.00	50.14 2.37 0.00	42.75 2.04 0.00	45.73 2.20 0.00	47.84 2.35 0.00	57.74 2.91 0.00	72.44 4.09 0.00	56.17 2.85 -7.71	55.78 3.27 0.00	49.78 2.59 0.00	58.35 3.00 0.00	61.30 3.09 0.00	57.98 2.93 0.00	65.30 3.24 0.00	65.23 3.27 0.00	68.44 3.80 0.00	66.18 4.18 0.00	99.12 3.37 -49.32	87.43 3.79 -31.35	93.51 3.03 -49.07	72.32 2.55 -33.94	59.37 3.66 0.00	96.41 5.23 0.00	72.94 3.61 0.00
GARDENVILLE___LBMP 24039	42.12 -4.54 1.49	43.10 -4.67 0.00	36.75 -3.96 0.00	39.58 -3.96 0.00	41.45 -4.04 0.00	49.86 -4.97 0.00	61.72 -6.64 0.00	42.06 -4.52 -0.97	47.09 -5.42 0.00	42.59 -4.61 0.00	50.42 -4.93 0.00	52.74 -5.46 0.00	49.45 -5.20 0.40	49.23 -5.63 7.21	50.36 -5.46 6.14	52.40 -5.98 6.26	40.88 -6.13 15.00	26.25 -4.46 15.73	28.20 -5.31 18.78	21.86 -4.31 15.24	18.79 -3.74 13.29	32.23 -6.57 16.91	47.74 -9.25 34.19	35.02 -6.76 27.56
GARDNVLA_35_KV_LD 355827	42.65 -4.31 1.19	43.32 -4.45 0.00	36.92 -3.79 0.00	39.76 -3.77 0.00	41.63 -3.85 0.00	50.11 -4.73 0.00	62.04 -6.31 0.00	42.27 -4.32 -0.98	47.33 -5.18 0.00	42.81 -4.39 0.00	50.68 -4.67 0.00	52.99 -5.21 0.00	49.76 -4.96 0.32	50.91 -5.38 5.77	51.85 -5.18 4.92	53.92 -5.70 5.01	44.15 -5.84 12.03	30.17 -4.25 12.01	32.49 -5.05 14.75	25.93 -4.11 11.37	22.56 -3.57 9.70	35.86 -6.29 13.56	55.02 -8.84 27.33	40.88 -6.48 21.98
GELCKHM___115KV_LOAD 80723	46.80 -1.36 0.00	46.40 -1.37 0.00	39.54 -1.16 0.00	42.31 -1.22 0.00	44.25 -1.24 0.00	53.41 -1.42 0.00	66.74 -1.62 0.00	45.13 -1.01 -0.52	51.29 -1.22 0.00	46.07 -1.13 0.00	54.13 -1.21 0.00	56.83 -1.37 0.00	53.78 -1.27 0.00	60.63 -1.43 0.00	60.55 -1.41 0.00	63.22 -1.42 0.00	60.71 -1.30 0.00	46.02 -0.82 -0.40	51.37 -0.97 -0.05	42.05 -0.79 -1.43	37.49 -0.73 -2.39	54.33 -1.38 0.00	88.96 -2.22 0.00	67.55 -1.79 0.00
GENERAL___MILLS 23808	42.49 -4.38 1.27	43.26 -4.51 0.00	36.88 -3.83 0.00	39.71 -3.82 0.00	41.59 -3.90 0.00	50.04 -4.79 0.00	61.94 -6.41 0.00	42.22 -4.37 -0.98	47.25 -5.26 0.00	42.74 -4.46 0.00	50.59 -4.75 0.00	52.90 -5.30 0.00	49.66 -5.05 0.34	50.46 -5.44 6.16	51.43 -5.28 5.25	53.50 -5.79 5.35	43.26 -5.92 12.84	29.10 -4.31 13.02	31.32 -5.12 15.84	24.82 -4.16 12.42	21.54 -3.62 10.67	34.87 -6.37 14.47	53.04 -8.95 29.19	39.29 -6.55 23.50
GE_PLASTICS___DRP 24183	49.91 1.76 0.00	49.45 1.68 0.00	42.14 1.43 0.00	45.05 1.52 0.00	47.08 1.59 0.00	56.76 1.93 0.00	70.92 2.57 0.00	54.93 1.87 -7.45	54.56 2.05 0.00	48.77 1.57 0.00	57.28 1.94 0.00	60.20 2.00 0.00	56.98 1.93 0.00	64.09 2.03 0.00	64.00 2.05 0.00	67.05 2.41 0.00	64.56 2.55 0.00	77.67 2.09 -29.15	71.93 2.33 -17.31	78.47 1.85 -35.21	70.18 1.57 -32.79	58.02 2.30 0.00	94.35 3.16 0.00	71.58 2.24 0.00
GILBOA___1 23756	49.50 1.35 0.00	49.05 1.28 0.00	41.81 1.10 0.00	44.69 1.16 0.00	46.69 1.20 0.00	56.35 1.52 0.00	70.51 2.16 0.00	53.04 1.58 -5.85	54.23 1.73 0.00	48.53 1.33 0.00	57.03 1.69 0.00	59.94 1.74 0.00	56.75 1.71 0.00	63.84 1.78 0.00	63.73 1.77 0.00	66.67 2.04 0.00	64.12 2.11 0.00	61.61 1.77 -13.40	61.24 2.03 -6.93	64.41 1.58 -21.41	62.97 1.35 -25.79	57.57 1.86 0.00	93.83 2.65 0.00	71.17 1.83 0.00
GILBOA___2 23757	49.50 1.35 0.00	49.05 1.28 0.00	41.81 1.10 0.00	44.69 1.16 0.00	46.69 1.20 0.00	56.35 1.52 0.00	70.51 2.16 0.00	53.04 1.58 -5.85	54.23 1.73 0.00	48.53 1.33 0.00	57.03 1.69 0.00	59.94 1.74 0.00	56.75 1.71 0.00	63.84 1.78 0.00	63.73 1.77 0.00	66.67 2.04 0.00	64.12 2.11 0.00	61.61 1.77 -13.40	61.24 2.03 -6.93	64.41 1.58 -21.41	62.97 1.35 -25.79	57.57 1.86 0.00	93.83 2.65 0.00	71.17 1.83 0.00

GILBOA___3 23758	49.50 1.35 0.00	49.05 1.28 0.00	41.81 1.10 0.00	44.69 1.16 0.00	46.69 1.20 0.00	56.35 1.52 0.00	70.51 2.16 0.00	53.04 1.58 -5.85	54.23 1.73 0.00	48.53 1.33 0.00	57.03 1.69 0.00	59.94 1.74 0.00	56.75 1.71 0.00	63.84 1.78 0.00	63.73 1.77 0.00	66.67 2.04 0.00	64.12 2.11 0.00	61.61 1.77 -13.40	61.24 2.03 -6.93	64.41 1.58 -21.41	62.97 1.35 -25.79	57.57 1.86 0.00	93.83 2.65 0.00	71.17 1.83 0.00
GILBOA___4 23759	49.50 1.35 0.00	49.05 1.28 0.00	41.81 1.10 0.00	44.69 1.16 0.00	46.69 1.20 0.00	56.35 1.52 0.00	70.51 2.16 0.00	53.04 1.58 -5.85	54.23 1.73 0.00	48.53 1.33 0.00	57.03 1.69 0.00	59.94 1.74 0.00	56.75 1.71 0.00	63.84 1.78 0.00	63.73 1.77 0.00	66.67 2.04 0.00	64.12 2.11 0.00	61.61 1.77 -13.40	61.24 2.03 -6.93	64.41 1.58 -21.41	62.97 1.35 -25.79	57.57 1.86 0.00	93.83 2.65 0.00	71.17 1.83 0.00
GILBOA___ 23599	49.50 1.35 0.00	49.05 1.28 0.00	41.81 1.10 0.00	44.69 1.16 0.00	46.69 1.20 0.00	56.36 1.53 0.00	70.51 2.16 0.00	53.04 1.58 -5.85	54.24 1.73 0.00	48.53 1.33 0.00	57.03 1.69 0.00	59.94 1.74 0.00	56.75 1.70 0.00	63.84 1.78 0.00	63.73 1.77 0.00	66.67 2.03 0.00	64.13 2.13 0.00	61.61 1.77 -13.40	61.25 2.03 -6.93	64.40 1.58 -21.41	62.97 1.35 -25.79	57.57 1.86 0.00	93.82 2.64 0.00	71.17 1.83 0.00
GINNA___ 23603	43.67 -4.48 0.00	43.26 -4.51 0.00	36.86 -3.85 0.00	39.51 -4.02 0.00	41.33 -4.16 0.00	49.85 -4.98 0.00	62.06 -6.29 0.00	42.09 -4.21 -0.69	47.55 -4.96 0.00	42.84 -4.35 0.00	50.49 -4.85 0.00	52.94 -5.26 0.00	50.01 -5.04 0.00	56.46 -5.60 0.00	56.60 -5.36 0.00	59.00 -5.64 0.00	56.55 -5.46 0.00	43.03 -3.93 -0.52	47.77 -4.59 -0.06	39.55 -3.72 -1.86	35.65 -3.28 -3.11	50.28 -5.44 0.00	82.65 -8.53 0.00	62.86 -6.48 0.00
GLEN PARK___ 23778	45.99 -2.16 0.00	45.60 -2.17 0.00	38.84 -1.87 0.00	41.60 -1.93 0.00	43.43 -2.05 0.00	52.64 -2.20 0.00	66.18 -2.17 0.00	44.74 -1.16 -0.29	51.22 -1.28 0.00	45.82 -1.37 0.00	53.36 -1.99 0.00	55.45 -2.75 0.00	52.51 -2.54 0.00	58.90 -3.17 0.00	58.77 -3.19 0.00	61.82 -2.82 0.00	60.60 -1.41 0.00	45.95 -0.71 -0.23	51.82 -0.49 -0.03	41.73 -0.49 -0.81	36.55 -0.63 -1.36	54.76 -0.95 0.00	91.42 0.24 0.00	69.79 0.45 0.00
GLENDALE_27_KV_LOAD 356172	51.56 3.41 0.00	51.06 3.29 0.00	43.49 2.78 0.00	46.45 2.92 0.00	48.43 2.95 0.00	58.50 3.66 0.00	73.63 5.28 0.00	55.29 3.94 -5.74	56.88 4.37 0.00	50.80 3.61 0.00	59.63 4.28 0.00	62.64 4.44 0.00	59.39 4.34 0.00	66.57 4.51 0.00	66.50 4.54 0.00	69.67 5.03 0.00	67.44 5.43 0.00	65.29 4.49 -14.36	64.97 5.02 -7.66	67.14 3.98 -21.75	64.27 3.26 -25.18	60.26 4.55 0.00	97.63 6.46 0.00	73.90 4.56 0.00
GLENWOOD_IC_1_G5 23712	56.51 3.64 -4.72	51.23 3.46 0.00	43.60 2.89 0.00	46.59 3.05 0.00	48.58 3.09 0.00	58.77 3.94 0.00	73.88 5.52 0.00	55.40 4.05 -5.74	56.97 4.45 0.00	50.68 3.48 0.00	59.65 4.30 0.00	62.68 4.48 0.00	59.32 4.27 0.00	66.54 4.48 0.00	66.19 4.23 0.00	69.41 4.77 0.00	67.07 5.06 0.00	64.99 4.19 -14.37	64.60 4.65 -7.66	74.32 3.82 -29.08	64.21 3.19 -25.19	60.15 4.44 0.00	97.44 6.26 0.00	74.03 4.69 0.00
GLENWOOD_IC_2_G1 23688	51.73 3.32 -0.26	50.93 3.16 0.00	43.36 2.65 0.00	46.32 2.79 0.00	48.33 2.84 0.00	58.44 3.61 0.00	73.45 5.10 0.00	55.10 3.75 -5.74	56.65 4.14 0.00	50.50 3.30 0.00	59.33 3.98 0.00	62.31 4.11 0.00	59.02 3.97 0.00	66.25 4.20 0.00	66.15 4.19 0.00	69.35 4.72 0.00	67.00 4.99 0.00	64.98 4.17 -14.37	64.59 4.64 -7.66	67.26 3.78 -22.07	64.18 3.16 -25.19	60.12 4.41 0.00	97.43 6.25 0.00	73.83 4.49 0.00
GLENWOOD_IC_3_G1 23689	51.73 3.32 -0.26	50.93 3.16 0.00	43.36 2.65 0.00	46.32 2.79 0.00	48.33 2.84 0.00	58.44 3.61 0.00	73.45 5.10 0.00	55.10 3.75 -5.74	56.65 4.14 0.00	50.50 3.30 0.00	59.33 3.98 0.00	62.31 4.11 0.00	59.02 3.97 0.00	66.25 4.20 0.00	66.15 4.19 0.00	69.35 4.72 0.00	67.00 4.99 0.00	64.98 4.17 -14.37	64.59 4.64 -7.66	67.26 3.78 -22.07	64.18 3.16 -25.19	60.12 4.41 0.00	97.43 6.25 0.00	73.83 4.49 0.00
GLENWOOD___4 23550	56.51 3.64 -4.72	51.23 3.46 0.00	43.60 2.89 0.00	46.59 3.05 0.00	48.58 3.09 0.00	58.77 3.94 0.00	73.88 5.52 0.00	55.40 4.05 -5.74	56.98 4.47 0.00	50.72 3.52 0.00	59.65 4.30 0.00	62.68 4.48 0.00	59.32 4.27 0.00	66.58 4.52 0.00	66.31 4.36 0.00	69.56 4.92 0.00	67.20 5.20 0.00	65.11 4.31 -14.37	64.72 4.77 -7.66	74.42 3.93 -29.08	64.30 3.28 -25.19	60.29 4.58 0.00	97.63 6.46 0.00	74.12 4.78 0.00
GLENWOOD___5 23614	56.51 3.64 -4.72	51.23 3.46 0.00	43.60 2.89 0.00	46.59 3.05 0.00	48.58 3.09 0.00	58.77 3.94 0.00	73.88 5.52 0.00	55.40 4.05 -5.74	56.98 4.47 0.00	50.72 3.52 0.00	59.65 4.30 0.00	62.68 4.48 0.00	59.32 4.27 0.00	66.58 4.52 0.00	66.31 4.36 0.00	69.56 4.92 0.00	67.20 5.20 0.00	65.11 4.31 -14.37	64.72 4.77 -7.66	74.42 3.93 -29.08	64.30 3.28 -25.19	60.29 4.58 0.00	97.63 6.46 0.00	74.12 4.78 0.00
GLOBAL GREEN_PORT_GT1 23814	56.18 4.43 -3.60	51.86 4.09 0.00	44.07 3.36 0.00	47.15 3.62 0.00	49.18 3.69 0.00	59.81 4.98 0.00	75.27 6.91 0.00	56.45 5.10 -5.74	58.06 5.55 0.00	51.39 4.19 0.00	60.06 4.72 0.00	63.03 4.83 0.00	59.51 4.46 0.00	67.38 5.32 0.00	67.29 5.33 0.00	71.04 6.40 0.00	68.56 6.56 0.00	65.98 5.17 -14.37	65.79 5.84 -7.66	72.91 5.51 -25.99	65.91 4.89 -25.19	62.84 7.13 0.00	101.54 10.36 0.00	76.36 7.02 0.00
GLOBE___DSASP 323697	41.25 -5.92 0.98	41.75 -6.03 0.00	35.57 -5.14 0.00	38.26 -5.28 0.00	39.97 -5.52 0.00	48.02 -6.81 0.00	59.05 -9.31 0.00	40.00 -6.51 -0.90	44.77 -7.74 0.00	40.49 -6.71 0.00	47.94 -7.41 0.00	50.14 -8.06 0.00	47.17 -7.61 0.26	49.29 -8.06 4.71	50.19 -7.80 3.97	52.22 -8.36 4.06	43.80 -8.49 9.72	30.87 -6.04 9.52	33.45 -7.04 11.80	26.90 -5.66 8.86	23.58 -4.82 7.43	36.35 -8.41 10.95	56.89 -12.10 22.18	42.65 -8.78 17.91
GOETHSLN___LBMP 323567	50.84 2.69 0.00	50.37 2.60 0.00	42.92 2.21 0.00	45.83 2.30 0.00	47.81 2.33 0.00	57.79 2.96 0.00	72.72 4.37 0.00	54.65 3.30 -5.74	56.14 3.64 0.00	50.08 2.88 0.00	58.80 3.46 0.00	61.73 3.53 0.00	58.56 3.51 0.00	65.63 3.57 0.00	65.55 3.59 0.00	68.68 4.04 0.00	66.46 4.45 0.00	64.61 3.81 -14.36	64.14 4.19 -7.66	66.47 3.31 -21.75	63.48 2.70 -24.96	58.73 3.67 0.64	96.32 5.14 0.00	72.87 3.53 0.00
GOLAH___69_KV_TB 1_2 80279	45.35 -2.80 0.00	44.87 -2.91 0.00	38.24 -2.47 0.00	41.01 -2.52 0.00	42.86 -2.62 0.00	51.70 -3.14 0.00	64.24 -4.11 0.00	43.56 -2.78 -0.73	49.17 -3.34 0.00	44.34 -2.86 0.00	52.27 -3.07 0.00	54.76 -3.44 0.00	51.64 -3.41 0.00	58.40 -3.67 -0.01	58.57 -3.39 0.00	61.13 -3.51 0.00	58.58 -3.43 -0.01	44.65 -2.36 -0.58	49.53 -2.85 -0.09	41.06 -2.34 -1.99	37.07 -2.05 -3.30	51.94 -3.77 -0.01	85.82 -5.41 -0.05	65.35 -4.04 -0.06

GOODYEAR_LAKE_HYD 323669	49.37 1.22 0.00	48.92 1.14 0.00	41.68 0.97 0.00	44.56 1.03 0.00	46.60 1.12 0.00	56.37 1.54 0.00	70.71 2.36 0.00	49.18 1.71 -1.86	54.48 1.97 0.00	49.00 1.81 0.00	57.64 2.30 0.00	60.58 2.38 0.00	57.34 2.29 0.00	64.53 2.47 0.00	64.40 2.44 0.00	67.37 2.73 0.00	64.82 2.81 0.00	65.54 2.18 -16.92	65.76 2.37 -11.10	58.29 1.76 -15.12	45.38 1.43 -8.12	57.57 1.86 0.00	94.17 2.99 0.00	71.48 2.14 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.22 -0.93 0.00	46.81 -0.96 0.00	39.92 -0.80 0.00	42.71 -0.82 0.00	44.70 -0.78 0.00	54.02 -0.81 0.00	67.67 -0.68 0.00	47.12 -0.38 -1.89	51.99 -0.52 0.00	46.66 -0.54 0.00	54.90 -0.44 0.00	57.75 -0.45 0.00	54.63 -0.42 0.00	61.56 -0.51 0.00	61.43 -0.53 0.00	64.07 -0.57 0.00	61.52 -0.48 0.00	51.50 -0.18 -5.24	54.97 -0.19 -2.87	48.74 -0.22 -7.55	43.90 -0.33 -8.39	54.90 -0.81 0.00	90.07 -1.11 0.00	68.35 -0.99 0.00
GOUDEY___7 23579	47.22 -0.93 0.00	46.81 -0.96 0.00	39.92 -0.80 0.00	42.71 -0.82 0.00	44.70 -0.78 0.00	54.02 -0.81 0.00	67.67 -0.68 0.00	47.12 -0.38 -1.89	51.99 -0.52 0.00	46.66 -0.54 0.00	54.90 -0.44 0.00	57.75 -0.45 0.00	54.63 -0.42 0.00	61.56 -0.51 0.00	61.43 -0.53 0.00	64.07 -0.57 0.00	61.52 -0.48 0.00	51.50 -0.18 -5.24	54.97 -0.19 -2.87	48.74 -0.22 -7.55	43.90 -0.33 -8.39	54.90 -0.81 0.00	90.07 -1.11 0.00	68.35 -0.99 0.00
GOUDEY___8 23580	47.22 -0.93 0.00	46.81 -0.96 0.00	39.92 -0.80 0.00	42.71 -0.82 0.00	44.70 -0.78 0.00	54.02 -0.81 0.00	67.67 -0.68 0.00	47.12 -0.38 -1.89	51.99 -0.52 0.00	46.66 -0.54 0.00	54.90 -0.44 0.00	57.75 -0.45 0.00	54.63 -0.42 0.00	61.56 -0.51 0.00	61.43 -0.53 0.00	64.07 -0.57 0.00	61.52 -0.48 0.00	51.50 -0.18 -5.24	54.97 -0.19 -2.87	48.74 -0.22 -7.55	43.90 -0.33 -8.39	54.90 -0.81 0.00	90.07 -1.11 0.00	68.35 -0.99 0.00
GOWANUS_GT1_1 24077	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT1_2 24078	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT1_3 24079	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT1_4 24080	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT1_5 24084	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT1_6 24111	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT1_7 24112	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT1_8 24113	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT2_1 24114	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
GOWANUS_GT2_2 24115	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
GOWANUS_GT2_3 24116	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00

GOWANUS_GT2_4 24117	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
GOWANUS_GT2_5 24118	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
GOWANUS_GT2_6 24119	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
GOWANUS_GT2_7 24120	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
GOWANUS_GT2_8 24121	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
GOWANUS_GT3_1 24122	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
GOWANUS_GT3_2 24123	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0

GOWANUS_GT4_3 24132	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT4_4 24133	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT4_5 24134	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT4_6 24135	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT4_7 24136	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GOWANUS_GT4_8 24137	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GREENBSH_115KV_TB3 55895	50.06 1.91 0.00	49.58 1.81 0.00	42.26 1.56 0.00	45.19 1.66 0.00	47.21 1.73 0.00	56.92 2.09 0.00	71.12 2.77 0.00	55.10 2.00 -7.49	54.73 2.22 0.00	48.89 1.70 0.00	57.43 2.09 0.00	60.36 2.16 0.00	57.17 2.12 0.00	64.28 2.22 0.00	64.17 2.22 0.00	67.26 2.62 0.00	64.76 2.75 0.00	81.74 2.25 -33.06	74.83 2.51 -20.04	81.27 1.99 -37.87	70.46 1.68 -32.95	58.22 2.51 0.00	94.60 3.42 0.00	71.77 2.43 0.00
GREENIDGE_115KV_TB5 80291	47.94 -2.21 -2.00	45.61 -2.16 0.00	38.92 -1.79 0.00	41.69 -1.84 0.00	43.74 -1.75 0.00	52.73 -2.10 0.00	66.23 -2.13 0.00	45.56 -1.21 -1.16	50.72 -1.79 0.00	45.71 -1.48 0.00	53.72 -1.63 0.00	56.24 -1.96 0.00	53.80 -1.81 -0.55	69.65 -2.12 -9.72	68.10 -2.19 -8.33	70.76 -2.38 -8.50	80.35 -2.03 -20.37	73.11 -1.29 -27.97	79.83 -1.51 -29.05	70.58 -1.33 -30.50	63.73 -1.32 -29.22	76.18 -2.50 -22.96	133.77 -3.93 -46.52	103.55 -3.35 -37.56
GREENIDGE___3 23582	47.94 -2.21 -2.00	45.61 -2.16 0.00	38.92 -1.79 0.00	41.69 -1.84 0.00	43.74 -1.75 0.00	52.73 -2.10 0.00	66.23 -2.13 0.00	45.56 -1.21 -1.16	50.72 -1.79 0.00	45.71 -1.48 0.00	53.72 -1.63 0.00	56.24 -1.96 0.00	53.80 -1.81 -0.55	69.65 -2.12 -9.72	68.10 -2.19 -8.33	70.76 -2.38 -8.50	80.35 -2.03 -20.37	73.11 -1.29 -27.97	79.83 -1.51 -29.05	70.58 -1.33 -30.50	63.73 -1.32 -29.22	76.18 -2.50 -22.96	133.77 -3.93 -46.52	103.55 -3.35 -37.56
GREENIDGE___4 23583	47.93 -2.22 -2.00	45.61 -2.16 0.00	38.92 -1.79 0.00	41.69 -1.84 0.00	43.74 -1.74 0.00	52.73 -2.10 0.00	66.23 -2.12 0.00	45.56 -1.21 -1.16	50.72 -1.79 0.00	45.69 -1.50 0.00	53.79 -1.56 0.00	56.26 -1.94 0.00	53.80 -1.80 -0.55	69.65 -2.13 -9.72	68.12 -2.17 -8.33	70.77 -2.38 -8.50	80.36 -2.03 -20.37	73.13 -1.28 -27.97	79.83 -1.51 -29.05	70.57 -1.34 -30.50	63.73 -1.33 -29.22	76.22 -2.46 -22.96	133.78 -3.93 -46.52	103.56 -3.34 -37.56
GREENLWN_69_KV_BK 3 55738	55.66 3.88 -3.64	51.40 3.63 0.00	43.69 2.98 0.00	46.71 3.18 0.00	48.67 3.19 0.00	58.95 4.12 0.00	74.06 5.71 0.00	55.53 4.18 -5.74	57.17 4.66 0.00	50.77 3.58 0.00	59.56 4.22 0.00	62.64 4.44 0.00	59.16 4.11 0.00	66.68 4.63 0.00	66.63 4.68 0.00	69.98 5.34 0.00	67.42 5.41 0.00	65.13 4.33 -14.37	64.78 4.83 -7.66	71.66 4.16 -26.09	64.59 3.57 -25.19	60.79 5.08 0.00	98.32 7.14 0.00	74.57 5.23 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00
GRISSOM___SOLAR 323813	50.56 2.41 0.00	50.07 2.29 0.00	42.65 1.94 0.00	45.60 2.07 0.00	47.69 2.21 0.00	57.61 2.77 0.00	72.16 3.81 0.00	56.51 2.67 -8.23	55.37 2.87 0.00	49.46 2.26 0.00	57.92 2.57 0.00	60.79 2.59 0.00	57.43 2.38 0.00	64.90 2.84 0.00	65.07 3.12 0.00	68.19 3.55 0.00	65.78 3.77 0.00	98.83 3.03 -49.37	86.85 3.40 -31.17	94.25 2.60 -50.24	74.26 2.16 -36.28	58.83 3.12 0.00	96.21 5.03 0.00	73.08 3.74 0.00
GROVEVILLE___HYD 323602	51.61 3.46 0.00	51.10 3.32 0.00	43.53 2.82 0.00	46.50 2.97 0.00	48.54 3.06 0.00	58.72 3.89 0.00	73.82 5.46 0.00	55.33 3.99 -5.74	56.91 4.40 0.00	50.80 3.60 0.00	59.77 4.42 0.00	62.77 4.57 0.00	59.45 4.40 0.00	66.82 4.76 0.00	66.74 4.78 0.00	69.93 5.29 0.00	67.60 5.59 0.00	65.70 4.64 -14.63	65.30 5.17 -7.84	67.45 4.10 -21.94	64.45 3.40 -25.22	60.50 4.79 0.00	98.18 7.00 0.00	74.28 4.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.11 -1.05 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.92 0.00	44.58 -0.91 0.00	53.82 -1.02 0.00	67.29 -1.06 0.00	45.54 -0.65 -0.58	51.69 -0.82 0.00	46.43 -0.77 0.00	54.54 -0.80 0.00	57.26 -0.94 0.00	54.20 -0.85 0.00	61.09 -0.97 0.00	61.02 -0.94 0.00	63.71 -0.93 0.00	61.19 -0.81 0.00	46.42 -0.46 -0.44	51.79 -0.55 -0.06	42.55 -0.45 -1.59	38.06 -0.44 -2.67	54.77 -0.94 0.00	89.65 -1.53 0.00	68.08 -1.26 0.00

HAMLTNNY_34_KV_TB 80303	47.09 -1.06 0.00	46.72 -1.05 0.00	39.82 -0.89 0.00	42.60 -0.93 0.00	44.59 -0.90 0.00	53.84 -0.99 0.00	67.35 -1.00 0.00	45.57 -0.65 -0.62	51.69 -0.82 0.00	46.41 -0.79 0.00	54.54 -0.80 0.00	57.25 -0.95 0.00	54.15 -0.90 0.00	61.06 -1.00 0.00	61.04 -0.91 0.00	63.72 -0.92 0.00	61.17 -0.84 0.00	46.47 -0.44 -0.47	51.79 -0.56 -0.06	42.66 -0.45 -1.70	38.25 -0.42 -2.84	54.75 -0.96 0.00	89.64 -1.54 0.00	68.05 -1.29 0.00
HAMPSHIRE___PAPER_HYD 323593	46.12 -2.03 0.00	45.82 -1.95 0.00	39.00 -1.71 0.00	41.77 -1.76 0.00	43.59 -1.90 0.00	52.40 -2.43 0.00	65.38 -2.97 0.00	43.77 -1.98 -0.14	50.37 -2.13 0.00	45.33 -1.87 0.00	52.82 -2.53 0.00	55.15 -3.05 0.00	52.32 -2.73 0.00	58.80 -3.26 0.00	58.69 -3.26 0.00	61.40 -3.24 0.00	59.48 -2.53 0.00	44.60 -1.95 -0.11	50.35 -1.95 -0.01	40.21 -1.60 -0.40	35.02 -1.49 -0.67	53.64 -2.08 0.00	88.98 -2.20 0.00	68.12 -1.22 0.00
HARDSCRABBLE_WT_PWR 323673	48.27 0.12 0.00	47.85 0.08 0.00	40.80 0.09 0.00	43.56 0.03 0.00	45.54 0.05 0.00	55.10 0.27 0.00	69.18 0.83 0.00	46.41 0.80 0.00	53.41 0.90 0.00	47.78 0.58 0.00	56.28 0.94 0.00	59.24 1.04 0.00	55.94 0.89 0.00	63.09 1.03 0.00	62.87 0.92 0.00	65.84 1.21 0.00	63.37 1.36 0.00	47.71 1.28 0.00	53.72 1.43 0.00	42.48 1.07 0.00	36.58 0.75 0.00	56.81 1.10 0.00	93.11 1.93 0.00	69.91 0.57 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.83 2.68 0.00	50.34 2.57 0.00	42.90 2.19 0.00	45.82 2.29 0.00	47.85 2.36 0.00	57.86 3.03 0.00	72.70 4.34 0.00	53.90 3.16 -5.13	55.91 3.41 0.00	49.97 2.77 0.00	58.71 3.37 0.00	61.64 3.43 0.00	58.40 3.35 0.00	65.83 3.77 0.00	65.72 3.76 0.00	68.88 4.24 0.00	66.57 4.57 0.00	63.82 3.87 -13.51	63.80 4.30 -7.21	65.26 3.42 -20.44	62.30 2.83 -23.64	59.59 3.88 0.00	96.81 5.62 0.00	73.27 3.93 0.00
HARSNRAD_115KV_TB1 81005	42.06 -5.13 0.96	42.52 -5.25 0.00	36.23 -4.48 0.00	38.97 -4.56 0.00	40.75 -4.73 0.00	49.03 -5.80 0.00	60.45 -7.90 0.00	41.00 -5.49 -0.89	45.96 -6.55 0.00	41.55 -5.64 0.00	49.17 -6.18 0.00	51.42 -6.78 0.00	48.30 -6.49 0.26	50.52 -6.91 4.64	51.42 -6.57 3.97	53.57 -7.03 4.04	45.22 -7.08 9.71	31.92 -5.16 9.36	34.48 -6.06 11.75	27.82 -4.88 8.71	24.35 -4.17 7.31	37.48 -7.29 10.94	58.87 -10.38 21.93	44.26 -7.51 17.57
HARZA MOOSE___RIVER 24016	47.41 -0.73 0.00	47.08 -0.70 0.00	40.10 -0.61 0.00	42.95 -0.58 0.00	44.82 -0.66 0.00	54.21 -0.63 0.00	67.85 -0.51 0.00	45.51 -0.27 -0.17	52.31 -0.20 0.00	47.01 -0.19 0.00	55.19 -0.15 0.00	57.57 -0.63 0.00	54.79 -0.26 0.00	61.52 -0.54 0.00	61.37 -0.58 0.00	64.17 -0.47 0.00	62.05 0.04 0.00	46.71 0.13 -0.14	52.69 0.38 -0.02	42.19 0.27 -0.51	36.69 0.02 -0.85	55.72 0.01 0.00	92.17 0.99 0.00	70.36 1.02 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.80 -1.35 0.00	46.39 -1.38 0.00	39.54 -1.17 0.00	42.30 -1.23 0.00	44.25 -1.24 0.00	53.40 -1.43 0.00	66.71 -1.64 0.00	45.13 -1.01 -0.53	51.27 -1.24 0.00	46.06 -1.13 0.00	54.13 -1.21 0.00	56.83 -1.37 0.00	53.82 -1.23 0.00	60.68 -1.38 0.00	60.59 -1.37 0.00	63.26 -1.38 0.00	60.73 -1.27 0.00	46.02 -0.82 -0.40	51.36 -0.98 -0.05	42.04 -0.81 -1.44	37.50 -0.74 -2.41	54.28 -1.43 0.00	88.88 -2.31 0.00	67.48 -1.86 0.00
HELLGATE_13_KV_LD 55870	51.35 3.20 0.00	50.87 3.10 0.00	43.33 2.63 0.00	46.28 2.75 0.00	48.24 2.75 0.00	58.26 3.43 0.00	73.28 4.93 0.00	55.05 3.70 -5.74	56.60 4.09 0.00	50.53 3.34 0.00	59.31 3.97 0.00	62.33 4.13 0.00	59.10 4.06 0.00	66.21 4.15 0.00	66.15 4.19 0.00	69.31 4.67 0.00	67.08 5.07 0.00	65.02 4.21 -14.36	64.64 4.69 -7.66	66.89 3.73 -21.75	64.07 3.06 -25.18	59.95 4.24 0.00	97.17 5.99 0.00	73.56 4.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.35 3.20 0.00	50.87 3.10 0.00	43.33 2.63 0.00	46.28 2.75 0.00	48.24 2.75 0.00	58.26 3.43 0.00	73.28 4.93 0.00	55.05 3.70 -5.74	56.60 4.09 0.00	50.53 3.34 0.00	59.31 3.97 0.00	62.33 4.13 0.00	59.10 4.06 0.00	66.21 4.15 0.00	66.15 4.19 0.00	69.31 4.67 0.00	67.08 5.07 0.00	65.02 4.21 -14.36	64.64 4.69 -7.66	66.89 3.73 -21.75	64.07 3.06 -25.18	59.95 4.24 0.00	97.17 5.99 0.00	73.56 4.22 0.00
HEMPSTEAD____ 23647	56.26 3.68 -4.42	51.28 3.51 0.00	43.57 2.86 0.00	46.58 3.05 0.00	48.54 3.05 0.00	58.73 3.90 0.00	73.75 5.40 0.00	55.32 3.97 -5.74	56.94 4.43 0.00	50.65 3.45 0.00	59.43 4.09 0.00	62.51 4.31 0.00	59.11 4.06 0.00	66.47 4.41 0.00	66.39 4.44 0.00	69.63 4.99 0.00	67.24 5.23 0.00	65.07 4.27 -14.37	64.69 4.74 -7.66	73.47 3.98 -28.08	64.39 3.37 -25.19	60.44 4.73 0.00	97.84 6.66 0.00	74.16 4.81 0.00
HEWLETT_69_KV_BK3 55828	57.17 4.13 -4.89	51.66 3.89 0.00	43.92 3.22 0.00	46.97 3.44 0.00	48.95 3.46 0.00	59.27 4.44 0.00	74.46 6.11 0.00	55.78 4.42 -5.74	57.45 4.93 0.00	51.13 3.94 0.00	60.03 4.68 0.00	63.10 4.89 0.00	59.65 4.61 0.00	67.14 5.08 0.00	67.12 5.17 0.00	70.44 5.80 0.00	68.03 6.02 0.00	65.69 4.89 -14.37	65.41 5.46 -7.66	74.54 4.52 -28.61	64.83 3.81 -25.19	61.11 5.40 0.00	98.79 7.61 0.00	74.95 5.61 0.00
HICKLING___1 23621	46.28 -2.58 -0.72	45.17 -2.60 0.00	38.54 -2.17 0.00	41.28 -2.25 0.00	43.34 -2.15 0.00	52.52 -2.31 0.00	66.15 -2.20 0.00	45.74 -1.35 -1.49	50.65 -1.86 0.00	45.50 -1.70 0.00	53.67 -1.67 0.00	56.41 -1.79 0.00	53.52 -1.73 -0.20	63.49 -2.05 -3.48	62.85 -2.10 -2.99	65.35 -2.34 -3.05	67.12 -2.21 -7.32	57.86 -1.49 -12.92	62.67 -1.61 -11.99	55.17 -1.41 -15.17	49.64 -1.44 -15.25	61.33 -2.63 -8.25	104.38 -3.50 -16.70	79.93 -2.90 -13.49
HICKLING___2 23622	46.28 -2.58 -0.72	45.17 -2.60 0.00	38.54 -2.17 0.00	41.28 -2.25 0.00	43.34 -2.15 0.00	52.52 -2.31 0.00	66.15 -2.20 0.00	45.74 -1.35 -1.49	50.65 -1.86 0.00	45.50 -1.70 0.00	53.67 -1.67 0.00	56.41 -1.79 0.00	53.52 -1.73 -0.20	63.49 -2.05 -3.48	62.85 -2.10 -2.99	65.35 -2.34 -3.05	67.12 -2.21 -7.32	57.86 -1.49 -12.92	62.67 -1.61 -11.99	55.17 -1.41 -15.17	49.64 -1.44 -15.25	61.33 -2.63 -8.25	104.38 -3.50 -16.70	79.93 -2.90 -13.49
HIGH FALLS___HY 23754	52.18 4.02 0.00	51.62 3.85 0.00	43.97 3.26 0.00	46.96 3.43 0.00	49.04 3.56 0.00	59.40 4.57 0.00	74.86 6.51 0.00	56.01 4.78 -5.63	57.80 5.29 0.00	51.59 4.39 0.00	60.70 5.35 0.00	63.69 5.49 0.00	60.34 5.29 0.00	67.99 5.93 0.00	67.98 6.02 0.00	71.24 6.60 0.00	68.96 6.95 0.00	68.56 5.81 -16.31	67.80 6.48 -9.03	69.58 5.14 -23.03	65.27 4.26 -25.18	61.64 5.93 0.00	99.96 8.78 0.00	75.54 6.20 0.00
HIGH_RIVER___SOLAR 323847	49.94 1.79 0.00	49.45 1.68 0.00	42.15 1.44 0.00	45.07 1.54 0.00	47.11 1.62 0.00	56.87 2.04 0.00	71.12 2.77 0.00	55.54 1.96 -7.97	54.62 2.11 0.00	48.84 1.65 0.00	57.27 1.93 0.00	60.18 1.98 0.00	56.93 1.88 0.00	64.17 2.11 0.00	64.15 2.19 0.00	67.23 2.60 0.00	64.84 2.83 0.00	100.14 2.28 -51.42	87.56 2.55 -32.72	94.42 1.98 -51.03	72.58 1.64 -35.11	58.07 2.36 0.00	94.81 3.63 0.00	71.99 2.65 0.00

HILLBURN___GT 23639	50.78 2.62 0.00	50.28 2.51 0.00	42.84 2.14 0.00	45.77 2.24 0.00	47.78 2.30 0.00	57.78 2.95 0.00	72.64 4.28 0.00	53.99 3.14 -5.24	55.87 3.36 0.00	49.88 2.68 0.00	58.58 3.24 0.00	61.49 3.29 0.00	58.25 3.21 0.00	65.52 3.46 0.00	65.43 3.47 0.00	68.57 3.93 0.00	66.29 4.28 0.00	63.83 3.70 -13.69	63.71 4.11 -7.31	65.41 3.28 -20.71	62.51 2.72 -23.96	59.38 3.67 0.00	96.50 5.32 0.00	73.02 3.68 0.00
HILLSIDE_115KV_TB1 80332	46.12 -2.67 -0.64	45.12 -2.65 0.00	38.50 -2.21 0.00	41.22 -2.31 0.00	43.23 -2.25 0.00	52.32 -2.51 0.00	65.81 -2.54 0.00	45.51 -1.63 -1.54	50.41 -2.11 0.00	45.25 -1.94 0.00	53.34 -2.00 0.00	56.11 -2.09 0.00	53.24 -1.99 -0.18	62.86 -2.30 -3.10	62.27 -2.35 -2.66	64.76 -2.60 -2.71	66.04 -2.47 -6.50	56.80 -1.70 -12.07	61.47 -1.79 -10.97	54.21 -1.53 -14.34	48.79 -1.56 -14.52	60.31 -2.72 -7.33	102.14 -3.88 -14.84	78.17 -3.15 -11.98
HISHELDN_WT_PWR 323625	39.57 -5.18 3.40	42.55 -5.22 0.00	36.28 -4.43 0.00	39.00 -4.53 0.00	41.06 -4.42 0.00	49.60 -5.23 0.00	61.91 -6.45 0.00	42.28 -4.38 -1.05	47.14 -5.37 0.00	42.63 -4.56 0.00	50.44 -4.91 0.00	52.71 -5.49 0.00	48.80 -5.32 0.93	39.70 -5.92 16.44	42.12 -5.80 14.04	44.09 -6.22 14.33	21.50 -6.17 34.34	2.82 -4.49 39.13	2.31 -5.32 44.66	-2.53 -4.40 39.54	-3.83 -3.91 35.75	10.38 -6.63 38.70	3.59 -9.24 78.35	-0.75 -6.86 63.23
HOLTSVILLE_IC_1 23690	56.05 4.30 -3.60	51.78 4.01 0.00	44.01 3.30 0.00	47.05 3.52 0.00	49.04 3.55 0.00	59.46 4.63 0.00	74.67 6.32 0.00	55.99 4.64 -5.74	57.63 5.12 0.00	51.16 3.96 0.00	59.96 4.61 0.00	63.02 4.82 0.00	59.50 4.45 0.00	67.11 5.05 0.00	67.14 5.18 0.00	70.69 6.06 0.00	68.21 6.20 0.00	65.63 4.82 -14.37	65.34 5.39 -7.66	72.21 4.82 -25.98	65.13 4.11 -25.19	61.54 5.83 0.00	99.50 8.32 0.00	75.32 5.98 0.00
HOLTSVILLE_IC_10 23699	56.36 4.60 -3.61	52.06 4.29 0.00	44.23 3.52 0.00	47.29 3.76 0.00	49.29 3.80 0.00	59.80 4.97 0.00	75.13 6.78 0.00	56.31 4.96 -5.74	57.99 5.48 0.00	51.48 4.28 0.00	60.30 4.95 0.00	63.37 5.17 0.00	59.81 4.77 0.00	67.49 5.43 0.00	67.55 5.60 0.00	71.17 6.53 0.00	68.66 6.66 0.00	65.94 5.14 -14.37	65.70 5.75 -7.66	72.58 5.16 -26.01	65.41 4.39 -25.19	61.96 6.25 0.00	100.18 9.00 0.00	75.77 6.44 0.00
HOLTSVILLE_IC_2 23691	56.05 4.30 -3.60	51.78 4.01 0.00	44.01 3.30 0.00	47.05 3.52 0.00	49.04 3.55 0.00	59.46 4.63 0.00	74.67 6.32 0.00	55.99 4.64 -5.74	57.63 5.12 0.00	51.16 3.96 0.00	59.96 4.61 0.00	63.02 4.82 0.00	59.50 4.45 0.00	67.11 5.05 0.00	67.14 5.18 0.00	70.69 6.06 0.00	68.21 6.20 0.00	65.63 4.82 -14.37	65.34 5.39 -7.66	72.21 4.82 -25.98	65.13 4.11 -25.19	61.54 5.83 0.00	99.50 8.32 0.00	75.32 5.98 0.00
HOLTSVILLE_IC_3 23692	56.05 4.30 -3.60	51.78 4.01 0.00	44.01 3.30 0.00	47.05 3.52 0.00	49.04 3.55 0.00	59.46 4.63 0.00	74.67 6.32 0.00	55.99 4.64 -5.74	57.63 5.12 0.00	51.16 3.96 0.00	59.96 4.61 0.00	63.02 4.82 0.00	59.50 4.45 0.00	67.11 5.05 0.00	67.14 5.18 0.00	70.69 6.06 0.00	68.21 6.20 0.00	65.63 4.82 -14.37	65.34 5.39 -7.66	72.21 4.82 -25.98	65.13 4.11 -25.19	61.54 5.83 0.00	99.50 8.32 0.00	75.32 5.98 0.00
HOLTSVILLE_IC_4 23693	56.05 4.30 -3.60	51.78 4.01 0.00	44.01 3.30 0.00	47.05 3.52 0.00	49.04 3.55 0.00	59.46 4.63 0.00	74.67 6.32 0.00	55.99 4.64 -5.74	57.63 5.12 0.00	51.16 3.96 0.00	59.96 4.61 0.00	63.02 4.82 0.00	59.50 4.45 0.00	67.11 5.05 0.00	67.14 5.18 0.00	70.69 6.06 0.00	68.21 6.20 0.00	65.63 4.82 -14.37	65.34 5.39 -7.66	72.21 4.82 -25.98	65.13 4.11 -25.19	61.54 5.83 0.00	99.50 8.32 0.00	75.32 5.98 0.00
HOLTSVILLE_IC_5 23694	56.05 4.30 -3.60	51.78 4.01 0.00	44.01 3.30 0.00	47.05 3.52 0.00	49.04 3.55 0.00	59.46 4.63 0.00	74.67 6.32 0.00	55.99 4.64 -5.74	57.63 5.12 0.00	51.16 3.96 0.00	59.96 4.61 0.00	63.02 4.82 0.00	59.50 4.45 0.00	67.11 5.05 0.00	67.14 5.18 0.00	70.69 6.06 0.00	68.21 6.20 0.00	65.63 4.82 -14.37	65.34 5.39 -7.66	72.21 4.82 -25.98	65.13 4.11 -25.19	61.54 5.83 0.00	99.50 8.32 0.00	75.32 5.98 0.00
HOLTSVILLE_IC_6 23695	56.36 4.60 -3.61	52.06 4.29 0.00	44.23 3.52 0.00	47.29 3.76 0.00	49.29 3.80 0.00	59.80 4.97 0.00	75.13 6.78 0.00	56.31 4.96 -5.74	57.99 5.48 0.00	51.48 4.28 0.00	60.30 4.95 0.00	63.37 5.17 0.00	59.81 4.77 0.00	67.49 5.43 0.00	67.55 5.60 0.00	71.17 6.53 0.00	68.66 6.66 0.00	65.94 5.14 -14.37	65.70 5.75 -7.66	72.58 5.16 -26.01	65.41 4.39 -25.19	61.96 6.25 0.00	100.18 9.00 0.00	75.77 6.44 0.00
HOLTSVILLE_IC_7 23696	56.36 4.60 -3.61	52.06 4.29 0.00	44.23 3.52 0.00	47.29 3.76 0.00	49.29 3.80 0.00	59.80 4.97 0.00	75.13 6.78 0.00	56.31 4.96 -5.74	57.99 5.48 0.00	51.48 4.28 0.00	60.30 4.95 0.00	63.37 5.17 0.00	59.81 4.77 0.00	67.49 5.43 0.00	67.55 5.60 0.00	71.17 6.53 0.00	68.66 6.66 0.00	65.94 5.14 -14.37	65.70 5.75 -7.66	72.58 5.16 -26.01	65.41 4.39 -25.19	61.96 6.25 0.00	100.18 9.00 0.00	75.77 6.44 0.00
HOLTSVILLE_IC_8 23697	56.36 4.60 -3.61	52.06 4.29 0.00	44.23 3.52 0.00	47.29 3.76 0.00	49.29 3.80 0.00	59.80 4.97 0.00	75.13 6.78 0.00	56.31 4.96 -5.74	57.99 5.48 0.00	51.48 4.28 0.00	60.30 4.95 0.00	63.37 5.17 0.00	59.81 4.77 0.00	67.49 5.43 0.00	67.55 5.60 0.00	71.17 6.53 0.00	68.66 6.66 0.00	65.94 5.14 -14.37	65.70 5.75 -7.66	72.58 5.16 -26.01	65.41 4.39 -25.19	61.96 6.25 0.00	100.18 9.00 0.00	75.77 6.44 0.00
HOLTSVILLE_IC_9 23698	56.36 4.60 -3.61	52.06 4.29 0.00	44.23 3.52 0.00	47.29 3.76 0.00	49.29 3.80 0.00	59.80 4.97 0.00	75.13 6.78 0.00	56.31 4.96 -5.74	57.99 5.48 0.00	51.48 4.28 0.00	60.30 4.95 0.00	63.37 5.17 0.00	59.81 4.77 0.00	67.49 5.43 0.00	67.55 5.60 0.00	71.17 6.53 0.00	68.66 6.66 0.00	65.94 5.14 -14.37	65.70 5.75 -7.66	72.58 5.16 -26.01	65.41 4.39 -25.19	61.96 6.25 0.00	100.18 9.00 0.00	75.77 6.44 0.00
HOMER_HL_115KV_TB2 355744	45.10 -2.81 0.24	44.83 -2.94 0.00	38.27 -2.44 0.00	41.12 -2.41 0.00	43.18 -2.30 0.00	51.77 -3.06 0.00	64.31 -4.04 0.00	43.91 -2.80 -1.11	49.10 -3.41 0.00	44.36 -2.83 0.00	52.60 -2.74 0.00	55.51 -2.69 0.00	52.55 -2.44 0.06	58.60 -2.34 1.13	58.37 -2.65 0.94	60.20 -3.48 0.96	55.79 -3.91 2.31	43.75 -2.85 -0.16	47.38 -3.41 1.50	40.09 -2.79 -1.47	35.51 -2.61 -2.29	48.48 -4.63 2.60	80.16 -5.83 5.20	60.94 -4.24 4.15
HOWARD_WT_PWR 323690	46.92 -5.25 -4.02	42.37 -5.40 0.00	36.19 -4.52 0.00	38.75 -4.78 0.00	40.95 -4.54 0.00	50.21 -4.62 0.00	64.24 -4.11 0.00	44.35 -2.49 -1.24	48.57 -3.94 0.00	43.62 -3.57 0.00	51.91 -3.43 0.00	54.75 -3.45 0.00	52.54 -3.62 -1.11	77.24 -4.33 -19.51	74.53 -4.14 -16.72	77.04 -4.66 -17.06	98.38 -4.51 -40.88	96.45 -3.21 -53.23	105.17 -3.85 -56.73	94.82 -3.49 -56.90	86.25 -3.31 -53.73	96.02 -5.77 -46.08	175.84 -8.71 -93.36	137.94 -6.79 -75.39

HQ_GEN_CEDARS 23644	48.57 0.42 0.00	48.24 0.47 0.00	41.05 0.34 0.00	43.94 0.41 0.00	45.86 0.38 0.00	54.74 -0.09 0.00	67.82 -0.53 0.00	45.03 -0.58 0.00	52.01 -0.50 0.00	46.94 -0.25 0.00	54.74 -0.60 0.00	57.58 -0.62 0.00	54.36 -0.69 0.00	61.35 -0.72 0.00	61.31 -0.65 0.00	63.84 -0.79 0.00	61.18 -0.82 0.00	45.51 -0.93 0.00	51.31 -0.97 0.00	40.61 -0.80 0.00	35.23 -0.60 0.00	55.19 -0.52 0.00	90.88 -0.30 0.00	69.49 0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	48.57 0.42 0.00	48.24 0.47 0.00	41.05 0.34 0.00	43.94 0.41 0.00	45.86 0.38 0.00	54.74 -0.09 0.00	86.23 -0.53 -18.41	37.49 -0.58 7.54	52.01 -0.50 0.00	46.94 -0.25 0.00	54.74 -0.60 0.00	57.58 -0.62 0.00	54.36 -0.68 0.00	61.35 -0.71 0.00	61.31 -0.65 0.00	63.84 -0.80 0.00	61.18 -0.83 0.00	45.50 -0.93 0.00	51.31 -0.98 0.00	40.61 -0.80 0.00	35.23 -0.60 0.00	55.18 -0.53 0.00	90.88 -0.30 0.00	69.48 0.14 0.00
HQ_GEN_IMPORT 323601	48.31 0.16 0.00	48.01 0.23 0.00	40.87 0.16 0.00	43.74 0.20 0.00	45.68 0.19 0.00	54.93 0.10 0.00	68.12 -0.23 0.00	45.24 -0.37 0.00	52.22 -0.29 0.00	47.16 -0.03 0.00	55.13 -0.21 0.00	58.06 -0.14 0.00	54.83 -0.21 0.00	61.90 -0.16 0.00	59.35 -0.16 2.45	64.95 -0.35 -0.67	62.06 -0.60 -0.65	45.68 -0.75 0.00	51.48 -0.81 0.00	40.78 -0.62 0.00	35.39 -0.44 0.00	55.38 -0.33 0.00	91.04 -0.14 0.00	69.46 0.12 0.00
HQ_GEN_WHEEL 23651	48.31 0.16 0.00	48.01 0.23 0.00	40.87 0.16 0.00	43.74 0.20 0.00	45.68 0.19 0.00	54.93 0.10 0.00	68.12 -0.23 0.00	45.24 -0.37 0.00	52.22 -0.29 0.00	47.16 -0.03 0.00	55.13 -0.21 0.00	58.06 -0.14 0.00	54.83 -0.21 0.00	61.90 -0.16 0.00	59.35 -0.16 2.45	64.95 -0.35 -0.67	62.06 -0.60 -0.65	45.68 -0.75 0.00	51.48 -0.81 0.00	40.78 -0.62 0.00	35.39 -0.44 0.00	55.38 -0.33 0.00	91.04 -0.14 0.00	69.46 0.12 0.00
HUDSON AVE_GT_3 23810	51.27 3.12 0.00	50.76 2.99 0.00	43.25 2.54 0.00	46.20 2.66 0.00	48.18 2.70 0.00	58.23 3.40 0.00	73.29 4.94 0.00	55.03 3.68 -5.74	56.61 4.10 0.00	50.50 3.31 0.00	59.31 3.96 0.00	62.25 4.05 0.00	59.03 3.99 0.00	66.21 4.14 0.00	66.11 4.16 0.00	69.24 4.60 0.00	66.99 4.99 0.00	65.01 4.20 -14.36	64.61 4.66 -7.66	66.87 3.71 -21.75	64.04 3.03 -25.18	59.89 4.18 0.00	97.10 5.92 0.00	73.47 4.13 0.00
HUDSON AVE_GT_4 23540	51.27 3.12 0.00	50.76 2.99 0.00	43.25 2.54 0.00	46.20 2.66 0.00	48.18 2.70 0.00	58.23 3.40 0.00	73.29 4.94 0.00	55.03 3.68 -5.74	56.61 4.10 0.00	50.50 3.31 0.00	59.31 3.96 0.00	62.25 4.05 0.00	59.03 3.99 0.00	66.21 4.14 0.00	66.11 4.16 0.00	69.24 4.60 0.00	66.99 4.99 0.00	65.01 4.20 -14.36	64.61 4.66 -7.66	66.87 3.71 -21.75	64.04 3.03 -25.18	59.89 4.18 0.00	97.10 5.92 0.00	73.47 4.13 0.00
HUDSON AVE_GT_5 23657	51.27 3.12 0.00	50.76 2.99 0.00	43.25 2.54 0.00	46.20 2.66 0.00	48.18 2.70 0.00	58.23 3.40 0.00	73.29 4.94 0.00	55.03 3.68 -5.74	56.61 4.10 0.00	50.50 3.31 0.00	59.31 3.96 0.00	62.25 4.05 0.00	59.03 3.99 0.00	66.21 4.14 0.00	66.11 4.16 0.00	69.24 4.60 0.00	66.99 4.99 0.00	65.01 4.20 -14.36	64.61 4.66 -7.66	66.87 3.71 -21.75	64.04 3.03 -25.18	59.89 4.18 0.00	97.10 5.92 0.00	73.47 4.13 0.00
HUDSON_AVE_10 24168	51.10 2.95 0.00	50.61 2.84 0.00	43.15 2.44 0.00	46.06 2.53 0.00	48.05 2.57 0.00	58.05 3.22 0.00	73.08 4.72 0.00	54.86 3.52 -5.74	56.40 3.89 0.00	50.32 3.12 0.00	59.06 3.71 0.00	62.00 3.80 0.00	58.79 3.75 0.00	65.90 3.85 0.00	65.82 3.86 0.00	68.96 4.32 0.00	66.73 4.72 0.00	64.82 4.02 -14.36	64.40 4.45 -7.66	66.70 3.54 -21.75	63.88 2.87 -25.18	59.64 3.93 0.00	96.80 5.62 0.00	73.13 3.79 0.00
HUDSON___115KV_TB 4 355613	51.35 3.20 0.00	50.83 3.06 0.00	43.32 2.61 0.00	46.32 2.79 0.00	48.44 2.96 0.00	58.45 3.61 0.00	73.20 4.84 0.00	56.30 3.43 -7.27	56.35 3.85 0.00	50.10 2.90 0.00	58.75 3.40 0.00	61.53 3.33 0.00	58.06 3.01 0.00	65.45 3.39 0.00	65.43 3.47 0.00	68.97 4.34 0.00	66.75 4.74 0.00	79.60 3.82 -29.35	74.10 4.29 -17.52	79.71 3.34 -34.96	70.65 2.81 -32.01	59.90 4.19 0.00	97.30 6.12 0.00	73.76 4.42 0.00
HUNTER MOUNT___DRP 323613	51.76 3.61 0.00	51.24 3.47 0.00	43.66 2.95 0.00	46.68 3.15 0.00	48.84 3.35 0.00	58.94 4.11 0.00	73.81 5.46 0.00	56.48 3.86 -7.02	56.87 4.36 0.00	50.53 3.34 0.00	59.14 3.80 0.00	61.98 3.78 0.00	58.52 3.47 0.00	65.93 3.87 0.00	65.92 3.96 0.00	69.59 4.94 0.00	67.35 5.34 0.00	77.47 4.24 -26.80	72.92 4.80 -15.83	77.89 3.70 -32.78	69.92 3.10 -30.99	60.40 4.69 0.00	98.14 6.96 0.00	74.38 5.04 0.00
HUNTINGTON_RES_REC 323705	55.93 4.16 -3.62	51.66 3.89 0.00	43.89 3.19 0.00	46.93 3.40 0.00	48.90 3.41 0.00	59.31 4.47 0.00	74.52 6.16 0.00	55.87 4.52 -5.74	57.52 5.01 0.00	51.07 3.88 0.00	59.84 4.50 0.00	62.91 4.71 0.00	59.39 4.34 0.00	66.98 4.93 0.00	67.01 5.05 0.00	70.50 5.86 0.00	67.97 5.96 0.00	65.47 4.67 -14.37	65.17 5.22 -7.66	72.08 4.63 -26.03	64.98 3.96 -25.19	61.32 5.61 0.00	99.14 7.96 0.00	75.11 5.77 0.00
HUNTLEY___63 23557	42.39 -4.72 1.04	42.91 -4.86 0.00	36.56 -4.15 0.00	39.34 -4.19 0.00	41.13 -4.36 0.00	49.48 -5.35 0.00	61.06 -7.29 0.00	41.47 -5.06 -0.92	46.48 -6.03 0.00	42.02 -5.17 0.00	49.74 -5.60 0.00	52.01 -6.19 0.00	48.87 -5.90 0.28	50.78 -6.24 5.04	51.71 -5.96 4.29	53.85 -6.42 4.37	44.98 -6.54 10.48	31.44 -4.69 10.31	33.97 -5.55 12.77	27.27 -4.49 9.66	23.83 -3.84 8.16	37.05 -6.85 11.81	57.72 -9.66 23.80	43.18 -7.00 19.15
HUNTLEY___64 23558	42.39 -4.72 1.04	42.91 -4.86 0.00	36.56 -4.15 0.00	39.34 -4.19 0.00	41.13 -4.36 0.00	49.48 -5.35 0.00	61.06 -7.29 0.00	41.47 -5.06 -0.92	46.48 -6.03 0.00	42.02 -5.17 0.00	49.74 -5.60 0.00	52.01 -6.19 0.00	48.87 -5.90 0.28	50.78 -6.24 5.04	51.71 -5.96 4.29	53.85 -6.42 4.37	44.98 -6.54 10.48	31.44 -4.69 10.31	33.97 -5.55 12.77	27.27 -4.49 9.66	23.83 -3.84 8.16	37.05 -6.85 11.81	57.72 -9.66 23.80	43.18 -7.00 19.15
HUNTLEY___65 23559	42.39 -4.72 1.04	42.91 -4.86 0.00	36.56 -4.15 0.00	39.34 -4.19 0.00	41.13 -4.36 0.00	49.48 -5.35 0.00	61.06 -7.29 0.00	41.47 -5.06 -0.92	46.48 -6.03 0.00	42.02 -5.17 0.00	49.74 -5.60 0.00	52.01 -6.19 0.00	48.87 -5.90 0.28	50.78 -6.24 5.04	51.71 -5.96 4.29	53.85 -6.42 4.37	44.98 -6.54 10.48	31.44 -4.69 10.31	33.97 -5.55 12.77	27.27 -4.49 9.66	23.83 -3.84 8.16	37.05 -6.85 11.81	57.72 -9.66 23.80	43.18 -7.00 19.15
HUNTLEY___66 23560	42.39 -4.72 1.04	42.91 -4.86 0.00	36.56 -4.15 0.00	39.34 -4.19 0.00	41.13 -4.36 0.00	49.48 -5.35 0.00	61.06 -7.29 0.00	41.47 -5.06 -0.92	46.48 -6.03 0.00	42.02 -5.17 0.00	49.74 -5.60 0.00	52.01 -6.19 0.00	48.87 -5.90 0.28	50.78 -6.24 5.04	51.71 -5.96 4.29	53.85 -6.42 4.37	44.98 -6.54 10.48	31.44 -4.69 10.31	33.97 -5.55 12.77	27.27 -4.49 9.66	23.83 -3.84 8.16	37.05 -6.85 11.81	57.72 -9.66 23.80	43.18 -7.00 19.15

HUNTLEY___67 23561	41.90 -5.02 1.23	42.64 -5.13 0.00	36.36 -4.35 0.00	39.12 -4.41 0.00	40.92 -4.56 0.00	49.19 -5.64 0.00	60.77 -7.58 0.00	41.30 -5.25 -0.94	46.25 -6.26 0.00	41.83 -5.36 0.00	49.51 -5.83 0.00	51.79 -6.41 0.00	48.64 -6.09 0.32	49.52 -6.60 5.94	50.57 -6.35 5.04	52.61 -6.89 5.14	42.68 -7.01 12.32	28.72 -5.11 12.61	31.02 -6.02 15.25	24.52 -4.86 12.03	21.31 -4.18 10.34	34.60 -7.23 13.89	52.71 -10.34 28.13	39.08 -7.55 22.71
HUNTLEY___68 23562	41.90 -5.02 1.23	42.64 -5.13 0.00	36.36 -4.35 0.00	39.12 -4.41 0.00	40.92 -4.56 0.00	49.19 -5.64 0.00	60.77 -7.58 0.00	41.30 -5.25 -0.94	46.25 -6.26 0.00	41.83 -5.36 0.00	49.51 -5.83 0.00	51.79 -6.41 0.00	48.64 -6.09 0.32	49.52 -6.60 5.94	50.57 -6.35 5.04	52.61 -6.89 5.14	42.68 -7.01 12.32	28.72 -5.11 12.61	31.02 -6.02 15.25	24.52 -4.86 12.03	21.31 -4.18 10.34	34.60 -7.23 13.89	52.71 -10.34 28.13	39.08 -7.55 22.71
HYLAND___LFG 323620	51.01 -1.53 -4.39	46.06 -1.71 0.00	39.28 -1.43 0.00	42.12 -1.41 0.00	44.24 -1.24 0.00	53.66 -1.17 0.00	67.61 -0.74 0.00	46.34 -0.29 -1.02	51.85 -0.66 0.00	46.62 -0.57 0.00	54.83 -0.52 0.00	57.18 -1.02 0.00	55.01 -1.25 -1.21	82.05 -1.31 -21.30	79.13 -1.08 -18.25	82.02 -1.24 -18.62	105.89 -0.74 -44.62	103.55 -0.07 -57.18	113.49 -0.22 -61.42	101.81 -0.37 -60.77	92.46 -0.53 -57.17	104.60 -1.41 -50.30	191.61 -1.48 -101.91	150.35 -1.28 -82.28
INDECK___CORINTH 23802	49.94 1.79 0.00	49.43 1.66 0.00	42.13 1.42 0.00	45.06 1.53 0.00	47.15 1.66 0.00	56.90 2.07 0.00	71.43 3.07 0.00	55.50 2.17 -7.72	55.00 2.50 0.00	49.11 1.91 0.00	57.57 2.22 0.00	60.48 2.28 0.00	57.21 2.16 0.00	64.46 2.40 0.00	64.36 2.40 0.00	67.53 2.89 0.00	65.24 3.23 0.00	98.94 2.65 -49.85	86.99 2.98 -31.72	93.25 2.39 -49.45	71.84 2.01 -34.00	58.55 2.84 0.00	95.07 3.89 0.00	71.94 2.60 0.00
INDECK___ILION 23567	48.59 0.44 0.00	48.17 0.40 0.00	41.07 0.37 0.00	43.88 0.34 0.00	45.87 0.39 0.00	55.42 0.59 0.00	69.39 1.04 0.00	46.45 0.84 0.00	53.44 0.93 0.00	47.83 0.64 0.00	56.18 0.84 0.00	59.10 0.90 0.00	55.88 0.83 0.00	62.97 0.91 0.00	62.84 0.88 0.00	65.78 1.14 0.00	63.26 1.26 0.00	47.56 1.12 0.00	53.54 1.25 0.00	42.39 0.98 0.00	36.58 0.75 0.00	56.76 1.05 0.00	92.69 1.51 0.00	70.10 0.76 0.00
INDECK___OLEAN 23982	45.10 -2.82 0.24	44.83 -2.95 0.00	38.26 -2.45 0.00	41.11 -2.42 0.00	43.18 -2.30 0.00	51.77 -3.06 0.00	64.31 -4.04 0.00	43.92 -2.80 -1.11	49.10 -3.41 0.00	44.36 -2.83 0.00	52.62 -2.72 0.00	55.52 -2.68 0.00	52.55 -2.44 0.06	58.69 -2.25 1.13	58.60 -2.42 0.94	60.41 -3.27 0.96	56.06 -3.64 2.31	43.82 -2.78 -0.16	47.48 -3.31 1.50	40.15 -2.73 -1.47	35.53 -2.59 -2.29	48.83 -4.28 2.60	80.75 -5.23 5.20	61.42 -3.76 4.15
INDECK___OSWEGO 23783	46.16 -2.00 0.00	45.75 -2.02 0.00	39.01 -1.70 0.00	41.71 -1.83 0.00	43.60 -1.88 0.00	52.62 -2.21 0.00	65.75 -2.60 0.00	44.42 -1.63 -0.44	50.56 -1.94 0.00	45.42 -1.77 0.00	53.37 -1.97 0.00	56.03 -2.17 0.00	53.01 -2.04 0.00	59.72 -2.34 0.00	59.61 -2.34 0.00	62.28 -2.36 0.00	59.89 -2.12 0.00	45.34 -1.43 -0.34	50.69 -1.64 -0.04	41.30 -1.32 -1.21	36.66 -1.19 -2.02	53.66 -2.05 0.00	87.91 -3.27 0.00	66.80 -2.54 0.00
INDECK___YERKES 23781	42.42 -4.69 1.04	42.96 -4.81 0.00	36.59 -4.12 0.00	39.37 -4.16 0.00	41.15 -4.33 0.00	49.53 -5.30 0.00	61.12 -7.23 0.00	41.52 -5.01 -0.92	46.52 -5.99 0.00	42.07 -5.12 0.00	49.80 -5.55 0.00	52.07 -6.13 0.00	48.92 -5.85 0.28	50.86 -6.17 5.04	51.79 -5.88 4.29	53.93 -6.34 4.37	45.11 -6.41 10.48	31.56 -4.57 10.31	34.08 -5.44 12.77	27.37 -4.38 9.66	23.87 -3.80 8.16	37.38 -6.52 11.81	58.06 -9.31 23.80	43.48 -6.70 19.15
INDIAN POINT_GT_1 24139	50.92 2.77 0.00	50.42 2.65 0.00	42.97 2.26 0.00	45.90 2.37 0.00	47.91 2.42 0.00	57.91 3.08 0.00	72.79 4.44 0.00	54.50 3.27 -5.62	56.07 3.56 0.00	50.03 2.83 0.00	58.78 3.44 0.00	61.72 3.52 0.00	58.47 3.42 0.00	65.68 3.62 0.00	65.58 3.63 0.00	68.72 4.08 0.00	66.44 4.43 0.00	64.43 3.78 -14.22	64.07 4.20 -7.58	66.29 3.35 -21.53	63.52 2.76 -24.92	59.51 3.80 0.00	96.60 5.42 0.00	73.11 3.77 0.00
INDIAN POINT_GT_2 23659	50.92 2.77 0.00	50.42 2.65 0.00	42.97 2.26 0.00	45.90 2.37 0.00	47.91 2.42 0.00	57.91 3.08 0.00	72.79 4.44 0.00	54.50 3.27 -5.62	56.07 3.56 0.00	50.03 2.83 0.00	58.78 3.44 0.00	61.72 3.52 0.00	58.47 3.42 0.00	65.68 3.62 0.00	65.58 3.63 0.00	68.72 4.08 0.00	66.44 4.43 0.00	64.43 3.78 -14.22	64.07 4.20 -7.58	66.29 3.35 -21.53	63.52 2.76 -24.92	59.51 3.80 0.00	96.60 5.42 0.00	73.11 3.77 0.00
INDIAN POINT_GT_3 24019	50.92 2.77 0.00	50.42 2.65 0.00	42.97 2.26 0.00	45.90 2.37 0.00	47.91 2.42 0.00	57.91 3.08 0.00	72.79 4.44 0.00	54.50 3.27 -5.62	56.07 3.56 0.00	50.03 2.83 0.00	58.78 3.44 0.00	61.72 3.52 0.00	58.47 3.42 0.00	65.68 3.62 0.00	65.58 3.63 0.00	68.72 4.08 0.00	66.44 4.43 0.00	64.43 3.78 -14.22	64.07 4.20 -7.58	66.29 3.35 -21.53	63.52 2.76 -24.92	59.51 3.80 0.00	96.60 5.42 0.00	73.11 3.77 0.00
INDIAN POINT___2 23530	50.82 2.67 0.00	50.33 2.55 0.00	42.88 2.17 0.00	45.81 2.28 0.00	47.81 2.33 0.00	57.80 2.97 0.00	72.64 4.29 0.00	54.25 3.16 -5.48	55.92 3.42 0.00	49.91 2.71 0.00	58.62 3.28 0.00	61.55 3.35 0.00	58.31 3.26 0.00	65.53 3.47 0.00	65.43 3.47 0.00	68.57 3.93 0.00	66.28 4.28 0.00	64.13 3.67 -14.03	63.85 4.07 -7.48	65.90 3.26 -21.23	63.09 2.69 -24.57	59.36 3.65 0.00	96.41 5.23 0.00	72.96 3.62 0.00
INDIAN POINT___3 23531	50.86 2.71 0.00	50.38 2.60 0.00	42.93 2.23 0.00	45.86 2.33 0.00	47.87 2.38 0.00	57.86 3.03 0.00	72.72 4.37 0.00	54.44 3.21 -5.62	55.98 3.47 0.00	49.95 2.76 0.00	58.69 3.35 0.00	61.63 3.42 0.00	58.40 3.35 0.00	65.59 3.53 0.00	65.47 3.51 0.00	68.62 3.98 0.00	66.33 4.33 0.00	64.36 3.69 -14.23	63.97 4.10 -7.59	66.23 3.28 -21.55	63.48 2.70 -24.94	59.42 3.72 0.00	96.49 5.32 0.00	73.02 3.68 0.00
INGHAM_C_115KV_TB7 356103	48.84 0.69 0.00	48.37 0.59 0.00	41.24 0.53 0.00	44.02 0.49 0.00	46.06 0.57 0.00	55.75 0.93 0.00	70.11 1.76 0.00	47.06 1.45 0.00	54.11 1.60 0.00	48.24 1.04 0.00	56.68 1.34 0.00	59.70 1.49 0.00	56.35 1.30 0.00	63.50 1.44 0.00	63.36 1.40 0.00	66.61 1.97 0.00	64.20 2.19 0.00	48.42 1.99 0.00	54.50 2.21 0.00	43.13 1.72 0.00	37.14 1.32 0.00	57.56 1.85 0.00	93.84 2.66 0.00	70.45 1.12 0.00
IP CORINTH___1 23988	50.19 2.03 0.00	49.67 1.90 0.00	42.34 1.63 0.00	45.29 1.76 0.00	47.38 1.89 0.00	57.20 2.37 0.00	71.77 3.42 0.00	55.73 2.40 -7.72	55.28 2.77 0.00	49.35 2.16 0.00	57.85 2.51 0.00	60.78 2.58 0.00	57.50 2.46 0.00	64.77 2.72 0.00	64.68 2.73 0.00	67.86 3.22 0.00	65.57 3.56 0.00	99.20 2.92 -49.85	87.29 3.28 -31.72	93.48 2.62 -49.45	72.03 2.19 -34.00	58.83 3.12 0.00	95.54 4.36 0.00	72.30 2.96 0.00

IP___TICONDEROGA 23804	52.27 4.12 0.00	51.73 3.96 0.00	44.19 3.48 0.00	47.26 3.73 0.00	49.52 4.04 0.00	59.74 4.91 0.00	75.16 6.80 0.00	57.97 4.65 -7.72	57.92 5.41 0.00	51.15 3.95 0.00	60.23 4.89 0.00	62.98 4.78 0.00	59.37 4.32 0.00	66.74 4.68 0.00	66.86 4.91 0.00	70.59 5.95 0.00	68.81 6.80 0.00	101.26 5.31 -49.52	89.82 6.04 -31.49	95.54 4.92 -49.21	73.90 4.10 -33.97	61.68 5.97 0.00	99.79 8.61 0.00	75.30 5.96 0.00
ISLIP_RES_REC 323679	56.60 4.83 -3.62	52.29 4.52 0.00	44.43 3.72 0.00	47.50 3.97 0.00	49.51 4.02 0.00	60.09 5.26 0.00	75.52 7.16 0.00	56.59 5.24 -5.74	58.30 5.79 0.00	51.75 4.56 0.00	60.62 5.27 0.00	63.66 5.46 0.00	60.09 5.04 0.00	67.82 5.76 0.00	67.94 5.98 0.00	71.58 6.94 0.00	69.06 7.06 0.00	66.24 5.44 -14.37	66.04 6.09 -7.66	72.89 5.45 -26.03	65.64 4.62 -25.19	62.29 6.58 0.00	100.70 9.52 0.00	76.17 6.83 0.00
JAMAICA___27_KV_LOAD 355505	51.50 3.35 0.00	51.00 3.22 0.00	43.53 2.82 0.00	46.46 2.93 0.00	48.47 2.98 0.00	58.48 3.65 0.00	73.61 5.26 0.00	55.24 3.90 -5.74	56.71 4.20 0.00	50.59 3.39 0.00	59.34 4.00 0.00	62.27 4.07 0.00	59.07 4.02 0.00	66.19 4.13 0.00	66.12 4.16 0.00	69.28 4.65 0.00	67.13 5.12 0.00	65.15 4.35 -14.36	64.79 4.84 -7.66	66.97 3.82 -21.75	64.06 3.05 -25.18	59.91 4.20 0.00	97.46 6.28 0.00	73.40 4.06 0.00
JANIS___SOLAR 323808	48.35 0.19 0.00	47.94 0.17 0.00	40.89 0.18 0.00	43.75 0.21 0.00	45.83 0.34 0.00	55.57 0.74 0.00	70.25 1.90 0.00	52.70 4.85 -2.24	58.86 6.35 0.00	52.11 4.92 0.00	61.67 6.33 0.00	64.72 6.51 0.00	60.26 5.21 0.00	68.09 6.03 0.00	67.69 5.73 0.00	71.85 7.21 0.00	66.60 4.59 0.00	53.62 2.22 -4.97	57.26 2.17 -2.81	49.66 1.55 -6.70	44.04 1.17 -7.03	56.87 1.16 0.00	93.27 2.09 0.00	70.55 1.21 0.00
JARVIS____ 23743	48.25 0.10 0.00	47.87 0.10 0.00	40.79 0.08 0.00	43.62 0.09 0.00	45.58 0.09 0.00	54.99 0.16 0.00	68.61 0.26 0.00	45.88 0.27 0.00	52.78 0.27 0.00	47.37 0.17 0.00	55.62 0.27 0.00	58.47 0.27 0.00	55.32 0.28 0.00	62.34 0.28 0.00	62.22 0.26 0.00	64.95 0.31 0.00	62.36 0.35 0.00	46.77 0.33 0.00	52.67 0.38 0.00	41.70 0.29 0.00	36.05 0.22 0.00	56.02 0.31 0.00	91.63 0.45 0.00	69.62 0.28 0.00
JENNISON___1 23625	47.76 -0.39 0.00	47.38 -0.39 0.00	40.40 -0.31 0.00	43.18 -0.36 0.00	45.31 -0.17 0.00	55.11 0.28 0.00	69.61 1.25 0.00	49.60 1.76 -2.24	55.20 2.69 0.00	49.41 2.21 0.00	58.34 3.00 0.00	61.55 3.35 0.00	57.68 2.63 0.00	64.63 2.57 0.00	64.23 2.28 0.00	68.00 3.36 0.00	64.72 2.71 0.00	55.95 2.32 -7.19	58.34 1.88 -4.17	51.91 1.31 -9.19	45.77 0.81 -9.13	56.33 0.62 0.00	92.08 0.90 0.00	69.82 0.48 0.00
JENNISON___2 23626	47.76 -0.39 0.00	47.38 -0.39 0.00	40.40 -0.31 0.00	43.18 -0.36 0.00	45.31 -0.17 0.00	55.11 0.28 0.00	69.61 1.25 0.00	49.60 1.76 -2.24	55.20 2.69 0.00	49.41 2.21 0.00	58.34 3.00 0.00	61.55 3.35 0.00	57.68 2.63 0.00	64.63 2.57 0.00	64.23 2.28 0.00	68.00 3.36 0.00	64.72 2.71 0.00	55.95 2.32 -7.19	58.34 1.88 -4.17	51.91 1.31 -9.19	45.77 0.81 -9.13	56.33 0.62 0.00	92.08 0.90 0.00	69.82 0.48 0.00
JERICHO_RISE_WT_PWR 323719	47.33 -0.82 0.00	47.04 -0.73 0.00	39.97 -0.74 0.00	42.79 -0.74 0.00	44.69 -0.79 0.00	53.67 -1.16 0.00	66.46 -1.89 0.00	44.20 -1.41 0.00	51.14 -1.36 0.00	46.11 -1.08 0.00	53.86 -1.49 0.00	56.73 -1.48 0.00	53.42 -1.64 0.00	60.43 -1.63 0.00	60.58 -1.38 0.00	63.68 -0.95 0.00	61.25 -0.76 0.00	45.55 -0.88 0.00	51.24 -1.05 0.00	40.39 -1.02 0.00	34.92 -0.91 0.00	54.73 -0.98 0.00	90.08 -1.10 0.00	68.99 -0.35 0.00
KATONAH___115KV_46KV_TB4 355592	51.40 3.25 0.00	50.90 3.13 0.00	43.37 2.66 0.00	46.33 2.79 0.00	48.36 2.87 0.00	58.47 3.63 0.00	73.53 5.18 0.00	55.28 3.80 -5.87	56.71 4.20 0.00	50.60 3.40 0.00	59.52 4.18 0.00	62.49 4.29 0.00	59.20 4.15 0.00	66.40 4.34 0.00	66.28 4.32 0.00	69.46 4.82 0.00	67.19 5.18 0.00	65.34 4.33 -14.57	64.88 4.81 -7.78	67.28 3.83 -22.04	64.48 3.16 -25.50	60.13 4.41 0.00	97.58 6.40 0.00	73.79 4.45 0.00
KCE_NY_1 323755	50.61 2.46 0.00	50.11 2.34 0.00	42.74 2.03 0.00	45.71 2.17 0.00	47.77 2.28 0.00	57.64 2.81 0.00	72.20 3.85 0.00	56.03 2.72 -7.70	55.57 3.06 0.00	49.62 2.42 0.00	58.22 2.88 0.00	61.17 2.96 0.00	57.90 2.85 0.00	65.42 3.36 0.00	65.22 3.26 0.00	68.29 3.65 0.00	65.88 3.87 0.00	98.60 3.12 -49.04	86.96 3.50 -31.16	93.05 2.77 -48.87	72.08 2.34 -33.91	59.13 3.41 0.00	96.17 4.99 0.00	72.79 3.45 0.00
KCE_NY_6_ESR 323823	42.45 -4.42 1.27	43.25 -4.52 0.00	36.88 -3.83 0.00	39.71 -3.82 0.00	41.58 -3.91 0.00	50.06 -4.77 0.00	61.94 -6.42 0.00	42.22 -4.36 -0.98	47.23 -5.28 0.00	42.75 -4.45 0.00	50.63 -4.72 0.00	52.88 -5.32 0.00	49.65 -5.06 0.34	50.52 -5.38 6.16	51.54 -5.17 5.25	53.57 -5.72 5.35	43.41 -5.77 12.84	29.16 -4.25 13.02	31.40 -5.04 15.84	24.88 -4.11 12.42	21.54 -3.62 10.67	35.16 -6.09 14.47	53.37 -8.62 29.19	39.56 -6.29 23.50
KEDC_PORT_JEFF_GT2 24210	56.27 4.51 -3.61	51.98 4.21 0.00	44.17 3.46 0.00	47.22 3.69 0.00	49.22 3.74 0.00	59.71 4.88 0.00	75.03 6.68 0.00	56.23 4.88 -5.74	57.92 5.40 0.00	51.40 4.20 0.00	60.23 4.88 0.00	63.29 5.09 0.00	59.75 4.70 0.00	67.41 5.35 0.00	67.46 5.50 0.00	71.04 6.41 0.00	68.53 6.52 0.00	65.61 4.81 -14.37	65.35 5.40 -7.66	72.51 5.10 -26.00	65.35 4.34 -25.19	61.88 6.17 0.00	100.05 8.87 0.00	75.68 6.34 0.00
KEDC_PORT_JEFF_GT3 24211	56.27 4.51 -3.61	51.98 4.21 0.00	44.17 3.46 0.00	47.22 3.69 0.00	49.22 3.74 0.00	59.71 4.88 0.00	75.03 6.68 0.00	56.23 4.88 -5.74	57.92 5.40 0.00	51.40 4.20 0.00	60.23 4.88 0.00	63.29 5.09 0.00	59.75 4.70 0.00	67.41 5.35 0.00	67.46 5.50 0.00	71.04 6.41 0.00	68.53 6.52 0.00	65.61 4.81 -14.37	65.35 5.40 -7.66	72.51 5.10 -26.00	65.35 4.34 -25.19	61.88 6.17 0.00	100.05 8.87 0.00	75.68 6.34 0.00
KEDC_GLWD_GT4 24219	56.51 3.65 -4.72	51.23 3.46 0.00	43.60 2.89 0.00	46.59 3.05 0.00	48.58 3.09 0.00	58.77 3.94 0.00	73.88 5.52 0.00	55.40 4.05 -5.74	56.96 4.45 0.00	50.68 3.48 0.00	59.64 4.30 0.00	62.67 4.47 0.00	59.32 4.27 0.00	66.54 4.48 0.00	66.19 4.23 0.00	69.40 4.76 0.00	67.06 5.05 0.00	64.99 4.18 -14.37	64.60 4.65 -7.66	74.31 3.82 -29.08	64.21 3.19 -25.19	60.13 4.42 0.00	97.42 6.24 0.00	74.02 4.68 0.00
KEDC_GLWD_GT5 24220	56.51 3.65 -4.72	51.23 3.46 0.00	43.60 2.89 0.00	46.59 3.05 0.00	48.58 3.09 0.00	58.77 3.94 0.00	73.88 5.52 0.00	55.40 4.05 -5.74	56.96 4.45 0.00	50.68 3.48 0.00	59.64 4.30 0.00	62.67 4.47 0.00	59.32 4.27 0.00	66.54 4.48 0.00	66.19 4.23 0.00	69.40 4.76 0.00	67.06 5.05 0.00	64.99 4.18 -14.37	64.60 4.65 -7.66	74.31 3.82 -29.08	64.21 3.19 -25.19	60.13 4.42 0.00	97.42 6.24 0.00	74.02 4.68 0.00

KENSICO____ 23655	51.10 2.95 0.00	50.59 2.82 0.00	43.11 2.40 0.00	46.04 2.51 0.00	48.05 2.56 0.00	58.08 3.25 0.00	73.03 4.68 0.00	54.77 3.45 -5.71	56.28 3.77 0.00	50.21 3.02 0.00	59.01 3.67 0.00	61.96 3.76 0.00	58.71 3.67 0.00	65.90 3.84 0.00	65.79 3.84 0.00	68.95 4.31 0.00	66.65 4.65 0.00	64.71 3.94 -14.34	64.29 4.36 -7.65	66.60 3.48 -21.71	63.84 2.87 -25.13	59.68 3.97 0.00	96.87 5.69 0.00	73.31 3.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.98 3.82 0.00	51.43 3.65 0.00	43.81 3.10 0.00	46.79 3.26 0.00	48.88 3.39 0.00	59.18 4.34 0.00	74.53 6.18 0.00	55.47 4.50 -5.36	57.48 4.97 0.00	51.34 4.14 0.00	60.36 5.02 0.00	63.35 5.15 0.00	60.00 4.96 0.00	67.61 5.55 0.00	67.58 5.62 0.00	70.84 6.20 0.00	68.55 6.54 0.00	66.94 5.45 -15.05	66.62 6.08 -8.24	67.92 4.81 -21.70	63.96 3.99 -24.14	61.29 5.58 0.00	99.46 8.28 0.00	75.18 5.83 0.00
KIAC_JFK_GT1 23816	51.18 3.03 0.00	50.69 2.92 0.00	43.28 2.57 0.00	46.20 2.66 0.00	48.18 2.70 0.00	58.08 3.25 0.00	72.91 4.56 0.00	54.77 3.43 -5.74	56.17 3.66 0.00	50.11 2.91 0.00	58.78 3.44 0.00	61.69 3.49 0.00	58.52 3.47 0.00	65.57 3.51 0.00	65.49 3.54 0.00	68.63 3.99 0.00	66.47 4.47 0.00	64.66 3.86 -14.36	64.23 4.28 -7.66	66.52 3.37 -21.75	63.68 2.67 -25.18	59.32 3.61 0.00	96.50 5.32 0.00	72.68 3.34 0.00
KIAC_JFK_GT2 23817	51.18 3.03 0.00	50.69 2.92 0.00	43.28 2.57 0.00	46.20 2.66 0.00	48.18 2.70 0.00	58.08 3.25 0.00	72.91 4.56 0.00	54.77 3.43 -5.74	56.17 3.66 0.00	50.11 2.91 0.00	58.78 3.44 0.00	61.69 3.49 0.00	58.52 3.47 0.00	65.57 3.51 0.00	65.49 3.54 0.00	68.63 3.99 0.00	66.47 4.47 0.00	64.66 3.86 -14.36	64.23 4.28 -7.66	66.52 3.37 -21.75	63.68 2.67 -25.18	59.32 3.61 0.00	96.50 5.32 0.00	72.68 3.34 0.00
KIAC_JFK____ 323774	51.18 3.03 0.00	50.69 2.92 0.00	43.28 2.57 0.00	46.20 2.66 0.00	48.18 2.69 0.00	58.08 3.25 0.00	72.91 4.56 0.00	54.77 3.43 -5.74	56.17 3.66 0.00	50.11 2.91 0.00	58.78 3.44 0.00	61.68 3.48 0.00	58.51 3.47 0.00	65.56 3.50 0.00	65.49 3.54 0.00	68.63 3.99 0.00	66.47 4.46 0.00	64.66 3.86 -14.36	64.22 4.27 -7.66	66.52 3.36 -21.75	63.69 2.68 -25.18	59.28 3.57 0.00	96.49 5.31 0.00	72.68 3.34 0.00
KINTIGH____ 23543	42.88 -4.66 0.61	43.02 -4.75 0.00	36.67 -4.04 0.00	39.40 -4.13 0.00	41.18 -4.30 0.00	49.51 -5.32 0.00	61.26 -7.09 0.00	41.51 -4.91 -0.81	46.67 -5.84 0.00	42.13 -5.06 0.00	49.80 -5.54 0.00	52.19 -6.01 0.00	49.18 -5.70 0.17	52.88 -6.24 2.94	53.48 -5.96 2.52	55.63 -6.43 2.58	49.36 -6.48 6.17	36.25 -4.69 5.50	39.61 -5.49 7.19	32.23 -4.43 4.76	28.32 -3.81 3.70	42.20 -6.56 6.95	67.52 -9.52 14.14	50.92 -6.97 11.45
KNTFSRNC_46_KV_46KV_LOAD 80397	48.18 0.03 0.00	47.82 0.05 0.00	40.62 -0.09 0.00	43.47 -0.06 0.00	45.41 -0.08 0.00	54.46 -0.37 0.00	67.47 -0.88 0.00	44.93 -0.68 0.00	51.98 -0.53 0.00	46.70 -0.50 0.00	54.59 -0.75 0.00	57.46 -0.74 0.00	54.00 -1.05 0.00	61.21 -0.85 0.00	61.29 -0.67 0.00	64.69 0.06 0.00	62.46 0.45 0.00	46.55 0.11 0.00	52.36 0.07 0.00	41.23 -0.18 0.00	35.60 -0.23 0.00	55.60 -0.11 0.00	91.46 0.27 0.00	70.20 0.86 0.00
LACHUTE__HYDRO 323717	52.27 4.12 0.00	51.73 3.96 0.00	44.19 3.48 0.00	47.26 3.73 0.00	49.52 4.03 0.00	59.74 4.91 0.00	75.16 6.80 0.00	57.97 4.65 -7.72	57.92 5.41 0.00	51.15 3.95 0.00	60.22 4.88 0.00	62.98 4.78 0.00	59.37 4.32 0.00	66.74 4.68 0.00	66.87 4.91 0.00	70.59 5.96 0.00	68.82 6.81 0.00	101.27 5.31 -49.52	89.82 6.05 -31.49	95.54 4.92 -49.21	73.89 4.10 -33.97	61.70 5.99 0.00	99.79 8.61 0.00	75.31 5.97 0.00
LAWRNCV_115KV_TB1 80681	47.48 -0.67 0.00	47.18 -0.59 0.00	40.13 -0.58 0.00	42.97 -0.57 0.00	44.86 -0.62 0.00	53.60 -1.23 0.00	66.47 -1.88 0.00	44.16 -1.45 0.00	51.03 -1.48 0.00	46.03 -1.17 0.00	53.55 -1.79 0.00	56.24 -1.96 0.00	53.10 -1.95 0.00	59.88 -2.18 0.00	59.85 -2.10 0.00	62.47 -2.17 0.00	60.07 -1.93 0.00	44.71 -1.73 0.00	50.45 -1.84 0.00	39.91 -1.50 0.00	34.59 -1.24 0.00	54.20 -1.51 0.00	89.38 -1.80 0.00	68.40 -0.94 0.00
LEDERLE____ 23769	50.94 2.79 0.00	50.44 2.67 0.00	42.99 2.28 0.00	45.92 2.39 0.00	47.93 2.45 0.00	57.97 3.14 0.00	72.87 4.51 0.00	54.24 3.30 -5.33	56.03 3.52 0.00	50.02 2.83 0.00	58.77 3.42 0.00	61.67 3.47 0.00	58.43 3.38 0.00	65.70 3.64 0.00	65.59 3.64 0.00	68.75 4.11 0.00	66.47 4.47 0.00	64.10 3.83 -13.83	63.92 4.25 -7.38	65.74 3.40 -20.93	62.86 2.82 -24.22	59.55 3.84 0.00	96.69 5.51 0.00	73.18 3.84 0.00
LIGHTHSE_115KV_TB6 355974	46.15 -2.00 0.00	45.74 -2.03 0.00	38.98 -1.73 0.00	41.67 -1.86 0.00	43.54 -1.94 0.00	52.63 -2.20 0.00	65.79 -2.56 0.00	44.49 -1.53 -0.41	50.71 -1.80 0.00	45.58 -1.61 0.00	53.49 -1.85 0.00	55.97 -2.23 0.00	52.99 -2.06 0.00	59.63 -2.43 0.00	59.46 -2.50 0.00	62.21 -2.43 0.00	60.10 -1.90 0.00	45.55 -1.20 -0.31	51.07 -1.26 -0.04	41.47 -1.04 -1.11	36.68 -1.01 -1.86	54.01 -1.71 0.00	89.10 -2.07 0.00	67.81 -1.53 0.00
LINDEN COGEN____ 23786	50.82 2.67 0.00	50.33 2.56 0.00	42.88 2.17 0.00	45.81 2.28 0.00	47.80 2.31 0.00	57.76 2.93 0.00	72.69 4.34 0.00	54.62 3.27 -5.74	56.12 3.61 0.00	50.05 2.86 0.00	58.76 3.42 0.00	61.69 3.49 0.00	58.52 3.48 0.00	65.60 3.54 0.00	65.50 3.55 0.00	68.64 4.00 0.00	66.41 4.40 0.00	64.58 3.78 -14.36	64.11 4.16 -7.66	66.45 3.29 -21.75	63.46 2.68 -24.96	58.67 3.60 0.64	96.25 5.07 0.00	72.82 3.48 0.00
LINDHRST_69_KV_BK1 356055	56.52 4.56 -3.81	52.04 4.27 0.00	44.22 3.51 0.00	47.26 3.73 0.00	49.24 3.76 0.00	59.66 4.83 0.00	74.94 6.59 0.00	56.14 4.79 -5.74	57.87 5.36 0.00	51.39 4.19 0.00	60.21 4.87 0.00	63.31 5.11 0.00	59.81 4.76 0.00	67.41 5.35 0.00	67.39 5.43 0.00	70.84 6.20 0.00	68.36 6.35 0.00	65.87 5.06 -14.37	65.60 5.65 -7.66	72.77 4.86 -26.50	65.16 4.14 -25.19	61.70 5.99 0.00	99.80 8.62 0.00	75.54 6.20 0.00
LIPA_MISC_IPP 23656	56.20 4.45 -3.60	51.92 4.14 0.00	44.12 3.40 0.00	47.17 3.64 0.00	49.17 3.69 0.00	59.65 4.82 0.00	74.94 6.59 0.00	56.17 4.82 -5.74	57.81 5.30 0.00	51.26 4.07 0.00	60.05 4.71 0.00	63.11 4.91 0.00	59.57 4.52 0.00	67.24 5.19 0.00	67.27 5.31 0.00	70.90 6.26 0.00	68.34 6.33 0.00	65.73 4.93 -14.37	65.48 5.53 -7.66	72.46 5.07 -25.99	65.35 4.33 -25.19	61.90 6.19 0.00	100.12 8.94 0.00	75.68 6.34 0.00
LISF__SOLAR 323691	56.30 4.55 -3.60	52.01 4.24 0.00	44.18 3.47 0.00	47.26 3.73 0.00	49.26 3.78 0.00	59.78 4.95 0.00	75.10 6.75 0.00	56.28 4.93 -5.74	57.91 5.40 0.00	51.35 4.15 0.00	60.12 4.77 0.00	63.17 4.97 0.00	59.61 4.56 0.00	67.29 5.23 0.00	67.35 5.39 0.00	71.04 6.40 0.00	68.48 6.47 0.00	65.85 5.05 -14.37	65.62 5.67 -7.66	72.57 5.17 -25.99	65.44 4.42 -25.19	62.01 6.31 0.00	100.29 9.11 0.00	75.81 6.48 0.00

LITTLE FALLS___HYD 24013	48.84 0.69 0.00	48.37 0.59 0.00	41.24 0.53 0.00	44.02 0.49 0.00	46.06 0.57 0.00	55.75 0.93 0.00	70.11 1.76 0.00	47.06 1.45 0.00	54.11 1.60 0.00	48.24 1.04 0.00	56.68 1.34 0.00	59.70 1.49 0.00	56.35 1.30 0.00	63.50 1.44 0.00	63.36 1.40 0.00	66.61 1.97 0.00	64.20 2.19 0.00	48.42 1.99 0.00	54.50 2.21 0.00	43.13 1.72 0.00	37.14 1.32 0.00	57.56 1.85 0.00	93.84 2.66 0.00	70.45 1.12 0.00
LITTLRIV_115KV_TB1 356100	48.06 -0.09 0.00	47.76 -0.01 0.00	40.62 -0.09 0.00	43.49 -0.04 0.00	45.42 -0.07 0.00	54.32 -0.51 0.00	67.41 -0.94 0.00	44.78 -0.82 0.00	51.73 -0.78 0.00	46.56 -0.64 0.00	53.85 -1.50 0.00	56.52 -1.68 0.00	53.34 -1.71 0.00	60.12 -1.94 0.00	60.14 -1.82 0.00	62.86 -1.78 0.00	60.85 -1.15 0.00	45.29 -1.15 0.00	51.10 -1.19 0.00	40.42 -0.99 0.00	35.05 -0.78 0.00	54.92 -0.79 0.00	90.55 -0.63 0.00	69.27 -0.07 0.00
LI_NEWBRDGE___DRP 323616	55.25 3.62 -3.48	51.17 3.39 0.00	43.49 2.78 0.00	46.51 2.97 0.00	48.47 2.98 0.00	58.68 3.85 0.00	73.68 5.33 0.00	55.28 3.93 -5.74	56.87 4.35 0.00	50.57 3.38 0.00	59.34 3.99 0.00	62.40 4.20 0.00	58.99 3.94 0.00	66.39 4.33 0.00	66.36 4.40 0.00	69.66 5.02 0.00	67.23 5.23 0.00	65.03 4.23 -14.37	64.68 4.72 -7.66	71.10 4.00 -25.69	64.40 3.38 -25.19	60.48 4.77 0.00	97.85 6.66 0.00	74.16 4.82 0.00
LOCKPORT_115KV_TB60_63_64 80432	42.21 -5.05 0.88	42.57 -5.20 0.00	36.27 -4.44 0.00	39.02 -4.51 0.00	40.80 -4.69 0.00	49.09 -5.74 0.00	60.51 -7.84 0.00	41.03 -5.45 -0.88	46.01 -6.50 0.00	41.60 -5.60 0.00	49.21 -6.13 0.00	51.47 -6.74 0.00	48.36 -6.45 0.24	50.98 -6.81 4.27	51.83 -6.46 3.67	54.00 -6.91 3.73	46.09 -6.94 8.97	32.94 -5.05 8.44	35.59 -5.95 10.76	28.86 -4.79 7.76	25.31 -4.08 6.43	38.44 -7.16 10.11	60.81 -10.17 20.20	45.83 -7.36 16.15
LOCKPORT___CC1 323769	42.06 -5.13 0.96	42.52 -5.25 0.00	36.23 -4.48 0.00	38.97 -4.56 0.00	40.75 -4.74 0.00	49.03 -5.80 0.00	60.46 -7.89 0.00	41.00 -5.50 -0.89	45.96 -6.55 0.00	41.56 -5.64 0.00	49.17 -6.18 0.00	51.42 -6.78 0.00	48.31 -6.47 0.26	50.66 -6.76 4.64	51.54 -6.45 3.97	53.69 -6.91 4.04	45.42 -6.88 9.71	32.02 -5.06 9.36	34.61 -5.93 11.75	27.88 -4.82 8.71	24.36 -4.16 7.31	37.81 -6.96 10.94	59.23 -10.02 21.93	44.49 -7.27 17.57
LOCKPORT___CC2 323770	42.06 -5.13 0.96	42.52 -5.25 0.00	36.23 -4.48 0.00	38.97 -4.56 0.00	40.75 -4.74 0.00	49.03 -5.80 0.00	60.46 -7.89 0.00	41.00 -5.50 -0.89	45.96 -6.55 0.00	41.56 -5.64 0.00	49.17 -6.18 0.00	51.42 -6.78 0.00	48.31 -6.47 0.26	50.66 -6.76 4.64	51.54 -6.45 3.97	53.69 -6.91 4.04	45.42 -6.88 9.71	32.02 -5.06 9.36	34.61 -5.93 11.75	27.88 -4.82 8.71	24.36 -4.16 7.31	37.81 -6.96 10.94	59.23 -10.02 21.93	44.49 -7.27 17.57
LOCKPORT___CC3 323771	42.06 -5.13 0.96	42.52 -5.25 0.00	36.23 -4.48 0.00	38.97 -4.56 0.00	40.75 -4.74 0.00	49.03 -5.80 0.00	60.46 -7.89 0.00	41.00 -5.50 -0.89	45.96 -6.55 0.00	41.56 -5.64 0.00	49.17 -6.18 0.00	51.42 -6.78 0.00	48.31 -6.47 0.26	50.66 -6.76 4.64	51.54 -6.45 3.97	53.69 -6.91 4.04	45.42 -6.88 9.71	32.02 -5.06 9.36	34.61 -5.93 11.75	27.88 -4.82 8.71	24.36 -4.16 7.31	37.81 -6.96 10.94	59.23 -10.02 21.93	44.49 -7.27 17.57
LONG_LAKE_PHOENIX 24014	46.33 -1.82 0.00	45.93 -1.84 0.00	39.14 -1.57 0.00	41.86 -1.67 0.00	43.78 -1.71 0.00	52.86 -1.97 0.00	66.05 -2.30 0.00	44.64 -1.43 -0.46	50.79 -1.72 0.00	45.64 -1.56 0.00	53.62 -1.72 0.00	56.28 -1.92 0.00	53.25 -1.79 0.00	60.02 -2.04 0.00	59.87 -2.09 0.00	62.61 -2.03 0.00	60.16 -1.85 0.00	45.56 -1.23 -0.35	50.90 -1.44 -0.04	41.51 -1.15 -1.25	36.86 -1.06 -2.09	53.83 -1.87 0.00	88.14 -3.05 0.00	66.94 -2.40 0.00
LOVETT___3 23632	50.74 2.59 0.00	50.24 2.47 0.00	42.83 2.12 0.00	45.75 2.22 0.00	47.75 2.26 0.00	57.73 2.90 0.00	72.53 4.18 0.00	54.03 3.05 -5.37	55.75 3.24 0.00	49.75 2.56 0.00	58.44 3.10 0.00	61.34 3.14 0.00	58.13 3.08 0.00	65.34 3.28 0.00	65.23 3.28 0.00	68.37 3.73 0.00	66.10 4.10 0.00	63.86 3.54 -13.88	63.62 3.92 -7.40	65.56 3.15 -21.01	62.73 2.59 -24.31	59.22 3.51 0.00	96.19 5.01 0.00	72.80 3.46 0.00
LOVETT___4 23642	50.74 2.59 0.00	50.24 2.47 0.00	42.83 2.12 0.00	45.75 2.22 0.00	47.75 2.26 0.00	57.73 2.90 0.00	72.53 4.18 0.00	54.03 3.05 -5.37	55.75 3.24 0.00	49.75 2.56 0.00	58.44 3.10 0.00	61.34 3.14 0.00	58.13 3.08 0.00	65.34 3.28 0.00	65.23 3.28 0.00	68.37 3.73 0.00	66.10 4.10 0.00	63.86 3.54 -13.88	63.62 3.92 -7.40	65.56 3.15 -21.01	62.73 2.59 -24.31	59.22 3.51 0.00	96.19 5.01 0.00	72.80 3.46 0.00
LOVETT___5 23593	50.74 2.59 0.00	50.24 2.47 0.00	42.83 2.12 0.00	45.75 2.22 0.00	47.75 2.26 0.00	57.73 2.90 0.00	72.53 4.18 0.00	54.03 3.05 -5.37	55.75 3.24 0.00	49.75 2.56 0.00	58.44 3.10 0.00	61.34 3.14 0.00	58.13 3.08 0.00	65.34 3.28 0.00	65.23 3.28 0.00	68.37 3.73 0.00	66.10 4.10 0.00	63.86 3.54 -13.88	63.62 3.92 -7.40	65.56 3.15 -21.01	62.73 2.59 -24.31	59.22 3.51 0.00	96.19 5.01 0.00	72.80 3.46 0.00
LOWER RAQUET___HYD 24057	47.14 -1.01 0.00	46.84 -0.93 0.00	39.84 -0.87 0.00	42.66 -0.88 0.00	44.54 -0.95 0.00	53.23 -1.60 0.00	66.02 -2.33 0.00	43.88 -1.72 0.00	50.72 -1.79 0.00	45.74 -1.46 0.00	53.17 -2.18 0.00	55.79 -2.41 0.00	52.69 -2.36 0.00	59.42 -2.64 0.00	59.40 -2.56 0.00	62.01 -2.63 0.00	59.72 -2.29 0.00	44.44 -2.00 0.00	50.15 -2.14 0.00	39.68 -1.73 0.00	34.38 -1.44 0.00	53.86 -1.85 0.00	88.91 -2.27 0.00	68.05 -1.29 0.00
LOWER___HUDSON 24059	50.35 2.20 0.00	49.87 2.09 0.00	42.50 1.79 0.00	45.45 1.91 0.00	47.50 2.01 0.00	57.26 2.42 0.00	71.54 3.19 0.00	55.46 2.27 -7.58	55.05 2.54 0.00	49.16 1.96 0.00	57.74 2.39 0.00	60.69 2.49 0.00	57.46 2.42 0.00	64.70 2.64 0.00	64.53 2.58 0.00	67.61 2.98 0.00	65.13 3.12 0.00	92.29 2.54 -43.32	82.33 2.84 -27.20	88.51 2.28 -44.83	71.11 1.93 -33.35	58.53 2.82 0.00	95.17 3.99 0.00	72.16 2.82 0.00
LOWVILLE_115KV_TB2 356335	46.25 -1.89 0.00	45.96 -1.81 0.00	39.14 -1.57 0.00	41.97 -1.56 0.00	43.74 -1.75 0.00	52.89 -1.94 0.00	66.32 -2.04 0.00	44.58 -1.21 -0.18	51.23 -1.27 0.00	46.11 -1.09 0.00	53.93 -1.41 0.00	56.02 -2.19 0.00	53.53 -1.52 0.00	59.93 -2.13 0.00	59.73 -2.23 0.00	62.52 -2.12 0.00	60.74 -1.27 0.00	45.74 -0.84 -0.15	51.78 -0.53 -0.02	41.49 -0.46 -0.54	36.03 -0.70 -0.91	54.70 -1.01 0.00	91.15 -0.03 0.00	69.89 0.55 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.61 2.46 0.00	50.12 2.35 0.00	42.73 2.02 0.00	45.69 2.16 0.00	47.78 2.29 0.00	57.64 2.81 0.00	72.17 3.82 0.00	55.99 2.68 -7.70	55.53 3.02 0.00	49.59 2.40 0.00	58.20 2.86 0.00	61.15 2.95 0.00	57.89 2.84 0.00	65.28 3.22 0.00	65.13 3.17 0.00	68.23 3.59 0.00	65.82 3.82 0.00	98.55 3.07 -49.04	86.90 3.45 -31.16	93.01 2.73 -48.87	72.04 2.30 -33.91	59.06 3.35 0.00	96.07 4.89 0.00	72.76 3.42 0.00

LUTHERNY_35_KV_BK2 355980	50.61 2.47 0.00	50.12 2.34 0.00	42.74 2.03 0.00	45.71 2.18 0.00	47.77 2.28 0.00	57.64 2.81 0.00	72.20 3.85 0.00	56.03 2.72 -7.70	55.57 3.06 0.00	49.62 2.42 0.00	58.23 2.88 0.00	61.17 2.97 0.00	57.90 2.85 0.00	65.42 3.36 0.00	65.22 3.26 0.00	68.28 3.64 0.00	65.86 3.86 0.00	98.60 3.12 -49.04	86.96 3.50 -31.16	93.05 2.77 -48.87	72.08 2.34 -33.91	59.13 3.42 0.00	96.17 4.99 0.00	72.79 3.45 0.00
LWR___OSWEGATCHIE_HYD 23850	46.12 -2.03 0.00	45.82 -1.95 0.00	39.00 -1.71 0.00	41.77 -1.76 0.00	43.58 -1.90 0.00	52.40 -2.43 0.00	65.37 -2.98 0.00	43.77 -1.98 -0.14	50.38 -2.13 0.00	45.33 -1.86 0.00	52.81 -2.53 0.00	55.15 -3.05 0.00	52.31 -2.73 0.00	58.80 -3.26 0.00	58.71 -3.25 0.00	61.41 -3.23 0.00	59.48 -2.53 0.00	44.60 -1.94 -0.11	50.36 -1.95 -0.01	40.22 -1.60 -0.40	35.02 -1.49 -0.67	53.65 -2.06 0.00	88.98 -2.20 0.00	68.13 -1.21 0.00
LYONS_FALL_HYD 23570	47.41 -0.73 0.00	47.08 -0.69 0.00	40.10 -0.61 0.00	42.95 -0.58 0.00	44.82 -0.66 0.00	54.21 -0.63 0.00	67.85 -0.50 0.00	45.51 -0.27 -0.17	52.31 -0.20 0.00	47.01 -0.18 0.00	55.19 -0.15 0.00	57.57 -0.63 0.00	54.79 -0.26 0.00	61.52 -0.54 0.00	61.37 -0.59 0.00	64.17 -0.47 0.00	62.05 0.04 0.00	46.71 0.13 -0.14	52.69 0.38 -0.02	42.19 0.28 -0.51	36.69 0.02 -0.85	55.72 0.01 0.00	92.17 0.99 0.00	70.36 1.02 0.00
MADISON___COUNTY_LFGE 323628	48.85 0.70 0.00	48.50 0.73 0.00	41.33 0.62 0.00	44.21 0.68 0.00	46.26 0.78 0.00	55.96 1.13 0.00	70.11 1.75 0.00	47.29 1.35 -0.34	54.07 1.56 0.00	48.56 1.37 0.00	56.84 1.49 0.00	59.44 1.24 0.00	56.25 1.20 0.00	63.44 1.38 0.00	63.49 1.54 0.00	66.33 1.70 0.00	63.81 1.80 0.00	48.08 1.40 -0.25	53.85 1.53 -0.03	43.47 1.17 -0.89	38.23 0.90 -1.50	56.95 1.24 0.00	93.27 2.09 0.00	70.74 1.40 0.00
MALONE___115KV_TB1 356076	47.91 -0.25 0.00	47.63 -0.14 0.00	40.47 -0.25 0.00	43.35 -0.18 0.00	45.31 -0.17 0.00	54.40 -0.43 0.00	67.53 -0.83 0.00	44.98 -0.62 0.00	52.04 -0.47 0.00	46.90 -0.29 0.00	54.58 -0.76 0.00	57.35 -0.85 0.00	54.00 -1.05 0.00	61.03 -1.03 0.00	61.11 -0.85 0.00	64.26 -0.38 0.00	61.91 -0.10 0.00	46.13 -0.30 0.00	51.94 -0.35 0.00	40.96 -0.45 0.00	35.42 -0.41 0.00	55.45 -0.26 0.00	91.24 0.06 0.00	69.78 0.44 0.00
MAPLEWOD_115KV_TB3 80458	50.35 2.20 0.00	49.90 2.13 0.00	42.51 1.81 0.00	45.46 1.93 0.00	47.50 2.01 0.00	57.27 2.44 0.00	71.56 3.21 0.00	55.47 2.31 -7.55	55.09 2.58 0.00	49.23 2.04 0.00	57.81 2.47 0.00	60.80 2.60 0.00	57.57 2.52 0.00	64.77 2.71 0.00	64.66 2.71 0.00	67.76 3.12 0.00	65.20 3.19 0.00	86.71 2.59 -37.69	78.44 2.89 -23.26	84.77 2.31 -41.05	71.00 1.95 -33.22	58.59 2.88 0.00	95.20 4.02 0.00	72.20 2.86 0.00
MAPLE_RIDGE_WT_1 323574	47.27 -0.88 0.00	47.04 -0.73 0.00	40.10 -0.61 0.00	42.82 -0.71 0.00	44.69 -0.80 0.00	53.87 -0.96 0.00	67.04 -1.31 0.00	44.74 -0.87 0.00	51.74 -0.77 0.00	46.60 -0.60 0.00	54.58 -0.77 0.00	57.40 -0.81 0.00	54.43 -0.61 0.00	61.34 -0.72 0.00	61.10 -0.86 0.00	63.56 -1.08 0.00	60.97 -1.04 0.00	45.59 -0.85 0.00	51.50 -0.78 0.00	40.69 -0.72 0.00	35.09 -0.74 0.00	54.74 -0.97 0.00	90.25 -0.93 0.00	69.04 -0.30 0.00
MAPLE_RIDGE_WT_2 323611	47.27 -0.88 0.00	47.04 -0.73 0.00	40.10 -0.61 0.00	42.82 -0.71 0.00	44.69 -0.80 0.00	53.87 -0.96 0.00	67.04 -1.31 0.00	44.74 -0.87 0.00	51.74 -0.77 0.00	46.60 -0.60 0.00	54.58 -0.77 0.00	57.40 -0.81 0.00	54.43 -0.61 0.00	61.34 -0.72 0.00	61.10 -0.86 0.00	63.56 -1.08 0.00	60.97 -1.04 0.00	45.59 -0.85 0.00	51.50 -0.78 0.00	40.69 -0.72 0.00	35.09 -0.74 0.00	54.74 -0.97 0.00	90.25 -0.93 0.00	69.04 -0.30 0.00
MARBLE_RIVER_WT_PWR 323696	47.33 -0.82 0.00	47.03 -0.74 0.00	39.97 -0.74 0.00	42.78 -0.75 0.00	44.69 -0.80 0.00	53.64 -1.19 0.00	66.42 -1.93 0.00	44.19 -1.42 0.00	51.13 -1.38 0.00	46.06 -1.13 0.00	53.82 -1.52 0.00	56.72 -1.48 0.00	53.38 -1.67 0.00	60.42 -1.64 0.00	60.56 -1.40 0.00	63.71 -0.93 0.00	61.32 -0.69 0.00	45.63 -0.81 0.00	51.30 -0.99 0.00	40.44 -0.96 0.00	34.97 -0.86 0.00	54.73 -0.98 0.00	90.07 -1.11 0.00	68.99 -0.35 0.00
MARSHVLE_115KV_TB1 80742	49.84 1.69 0.00	49.32 1.55 0.00	42.02 1.32 0.00	44.97 1.43 0.00	47.01 1.52 0.00	56.78 1.95 0.00	70.99 2.64 0.00	56.03 1.82 -8.60	54.38 1.87 0.00	48.81 1.61 0.00	57.13 1.78 0.00	60.01 1.81 0.00	56.93 1.89 0.00	64.37 2.31 0.00	64.42 2.46 0.00	67.29 2.65 0.00	64.80 2.79 0.00	95.04 2.16 -46.44	83.63 2.39 -28.95	92.27 1.74 -49.12	75.20 1.44 -37.93	57.78 2.07 0.00	94.99 3.81 0.00	72.36 3.02 0.00
MARSH_HILL_WT_PWR 323713	47.25 -5.25 -4.35	42.36 -5.41 0.00	36.19 -4.52 0.00	38.75 -4.78 0.00	40.91 -4.57 0.00	50.17 -4.66 0.00	64.17 -4.18 0.00	44.29 -2.54 -1.22	48.60 -3.91 0.00	43.64 -3.56 0.00	51.90 -3.45 0.00	54.72 -3.48 0.00	52.61 -3.64 -1.21	78.80 -4.39 -21.13	75.87 -4.20 -18.11	78.46 -4.66 -18.48	101.81 -4.47 -44.28	100.57 -3.19 -57.32	109.75 -3.81 -61.27	99.07 -3.48 -61.15	90.17 -3.32 -57.66	99.82 -5.80 -49.91	183.73 -8.57 -101.12	144.30 -6.70 -81.66
MCINTYRE_115KV_TB2 80467	48.94 0.79 0.00	48.63 0.86 0.00	41.38 0.67 0.00	44.29 0.76 0.00	46.27 0.79 0.00	55.35 0.52 0.00	68.66 0.31 0.00	45.60 -0.01 0.00	52.66 0.15 0.00	47.28 0.09 0.00	54.56 -0.78 0.00	57.28 -0.92 0.00	54.04 -1.01 0.00	60.92 -1.14 0.00	60.93 -1.03 0.00	63.68 -0.96 0.00	61.79 -0.22 0.00	46.03 -0.41 0.00	51.93 -0.36 0.00	41.09 -0.32 0.00	35.65 -0.18 0.00	55.84 0.13 0.00	92.05 0.87 0.00	70.38 1.04 0.00
MECO_____69_KV_BK1 80468	50.97 2.82 0.00	50.45 2.67 0.00	43.01 2.30 0.00	46.00 2.47 0.00	48.12 2.63 0.00	58.17 3.34 0.00	72.84 4.48 0.00	57.04 3.14 -8.29	55.93 3.42 0.00	50.05 2.86 0.00	58.68 3.33 0.00	61.59 3.39 0.00	58.26 3.21 0.00	65.81 3.75 0.00	65.87 3.91 0.00	69.02 4.39 0.00	66.61 4.60 0.00	98.97 3.63 -48.90	87.15 4.05 -30.81	94.56 3.09 -50.06	74.92 2.55 -36.54	59.43 3.72 0.00	97.22 6.04 0.00	73.85 4.51 0.00
MENANDS___115KV_TB5 355628	50.25 2.09 0.00	49.77 2.00 0.00	42.42 1.71 0.00	45.35 1.82 0.00	47.39 1.91 0.00	57.12 2.29 0.00	71.35 2.99 0.00	55.31 2.16 -7.54	54.91 2.40 0.00	49.06 1.87 0.00	57.64 2.30 0.00	60.61 2.41 0.00	57.40 2.35 0.00	64.57 2.51 0.00	64.45 2.49 0.00	67.53 2.89 0.00	65.00 2.99 0.00	85.56 2.41 -36.72	77.56 2.69 -22.58	83.94 2.15 -40.38	70.81 1.82 -33.16	58.42 2.71 0.00	94.89 3.71 0.00	71.99 2.64 0.00
MG INDUSTRY___DRP 24185	50.10 1.95 0.00	49.66 1.89 0.00	42.33 1.61 0.00	45.26 1.72 0.00	47.31 1.82 0.00	57.02 2.19 0.00	71.24 2.89 0.00	54.96 2.00 -7.35	54.70 2.19 0.00	48.85 1.66 0.00	57.30 1.96 0.00	60.17 1.97 0.00	56.93 1.89 0.00	64.03 1.96 0.00	64.05 2.09 0.00	67.16 2.52 0.00	64.72 2.72 0.00	76.60 2.18 -27.99	71.25 2.43 -16.53	77.56 1.92 -34.23	69.83 1.63 -32.37	58.12 2.40 0.00	94.62 3.44 0.00	71.81 2.47 0.00

MID___OSWEGATCHIE_HYD 23849	46.12 -2.03 0.00	45.82 -1.95 0.00	39.00 -1.71 0.00	41.77 -1.76 0.00	43.58 -1.90 0.00	52.40 -2.43 0.00	65.37 -2.98 0.00	43.77 -1.98 -0.14	50.38 -2.13 0.00	45.33 -1.86 0.00	52.81 -2.53 0.00	55.15 -3.05 0.00	52.31 -2.73 0.00	58.80 -3.26 0.00	58.71 -3.25 0.00	61.41 -3.23 0.00	59.48 -2.53 0.00	44.60 -1.94 -0.11	50.36 -1.95 -0.01	40.22 -1.60 -0.40	35.02 -1.49 -0.67	53.65 -2.06 0.00	88.98 -2.20 0.00	68.13 -1.21 0.00
MID___RAQUETTE_HYD 23851	47.14 -1.01 0.00	46.84 -0.93 0.00	39.84 -0.87 0.00	42.66 -0.88 0.00	44.54 -0.95 0.00	53.23 -1.61 0.00	66.02 -2.33 0.00	43.88 -1.72 0.00	50.72 -1.79 0.00	45.74 -1.46 0.00	53.16 -2.18 0.00	55.79 -2.41 0.00	52.69 -2.35 0.00	59.42 -2.64 0.00	59.40 -2.56 0.00	62.02 -2.62 0.00	59.72 -2.29 0.00	44.44 -1.99 0.00	50.16 -2.13 0.00	39.68 -1.73 0.00	34.38 -1.45 0.00	53.87 -1.84 0.00	88.92 -2.27 0.00	68.05 -1.29 0.00
MILLIKEN___1 23584	47.83 -0.32 0.00	47.45 -0.32 0.00	40.46 -0.25 0.00	43.29 -0.24 0.00	45.32 -0.17 0.00	54.79 -0.04 0.00	68.67 0.32 0.00	46.87 0.20 -1.06	52.66 0.15 0.00	47.27 0.08 0.00	55.56 0.22 0.00	58.33 0.13 0.00	55.12 0.07 0.00	62.14 0.08 0.00	62.15 0.19 0.00	64.79 0.15 0.00	62.37 0.36 0.00	50.28 0.62 -3.23	54.69 0.64 -1.76	46.54 0.47 -4.66	41.35 0.32 -5.20	55.83 0.12 0.00	91.45 0.27 0.00	69.37 0.03 0.00
MILLIKEN___2 23585	47.83 -0.32 0.00	47.45 -0.32 0.00	40.46 -0.25 0.00	43.29 -0.24 0.00	45.32 -0.17 0.00	54.79 -0.04 0.00	68.67 0.32 0.00	46.87 0.20 -1.06	52.66 0.15 0.00	47.27 0.08 0.00	55.56 0.22 0.00	58.33 0.13 0.00	55.12 0.07 0.00	62.14 0.08 0.00	62.15 0.19 0.00	64.79 0.15 0.00	62.37 0.36 0.00	50.28 0.62 -3.23	54.69 0.64 -1.76	46.54 0.47 -4.66	41.35 0.32 -5.20	55.83 0.12 0.00	91.45 0.27 0.00	69.37 0.03 0.00
MILLIKEN___DIESEL 23629	47.83 -0.32 0.00	47.45 -0.32 0.00	40.46 -0.25 0.00	43.29 -0.24 0.00	45.32 -0.17 0.00	54.79 -0.04 0.00	68.67 0.32 0.00	46.87 0.20 -1.06	52.66 0.15 0.00	47.27 0.08 0.00	55.56 0.22 0.00	58.33 0.13 0.00	55.12 0.07 0.00	62.14 0.08 0.00	62.15 0.19 0.00	64.79 0.15 0.00	62.37 0.36 0.00	50.28 0.62 -3.23	54.69 0.64 -1.76	46.54 0.47 -4.66	41.35 0.32 -5.20	55.83 0.12 0.00	91.45 0.27 0.00	69.37 0.03 0.00
MILLSEAT___LFGE 323607	43.59 -3.83 0.73	43.81 -3.96 0.00	37.31 -3.40 0.00	40.11 -3.42 0.00	41.96 -3.52 0.00	50.56 -4.27 0.00	62.55 -5.80 0.00	42.45 -4.00 -0.85	47.72 -4.79 0.00	43.05 -4.14 0.00	50.82 -4.52 0.00	53.18 -5.02 0.00	49.79 -5.06 0.20	53.40 -5.13 3.53	54.15 -4.77 3.03	56.63 -4.93 3.08	49.81 -4.78 7.42	36.36 -3.41 6.67	39.50 -4.07 8.72	32.12 -3.34 5.94	28.11 -2.94 4.77	42.24 -5.11 8.36	67.30 -7.18 16.70	50.71 -5.28 13.35
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.98 2.83 0.00	50.49 2.72 0.00	43.03 2.32 0.00	45.96 2.42 0.00	47.95 2.47 0.00	57.97 3.14 0.00	72.89 4.54 0.00	54.60 3.33 -5.66	56.15 3.64 0.00	50.10 2.90 0.00	58.87 3.53 0.00	61.81 3.61 0.00	58.57 3.52 0.00	65.77 3.71 0.00	65.65 3.69 0.00	68.80 4.17 0.00	66.51 4.50 0.00	64.54 3.82 -14.28	64.15 4.24 -7.62	66.43 3.39 -21.63	63.67 2.80 -25.04	59.56 3.85 0.00	96.69 5.50 0.00	73.18 3.84 0.00
MILLWOOD_13_KV_LOAD 356217	51.03 2.88 0.00	50.56 2.78 0.00	43.08 2.37 0.00	46.01 2.48 0.00	48.02 2.54 0.00	58.06 3.23 0.00	72.98 4.63 0.00	54.68 3.41 -5.66	56.23 3.72 0.00	50.17 2.97 0.00	58.96 3.62 0.00	61.91 3.71 0.00	58.66 3.61 0.00	65.85 3.79 0.00	65.74 3.78 0.00	68.91 4.27 0.00	66.62 4.62 0.00	64.63 3.91 -14.28	64.26 4.35 -7.62	66.51 3.47 -21.63	63.73 2.87 -25.04	59.66 3.95 0.00	96.85 5.67 0.00	73.28 3.94 0.00
MODEL_CITY_ENERGY 24167	41.63 -5.59 0.92	42.06 -5.72 0.00	35.83 -4.88 0.00	38.53 -5.00 0.00	40.28 -5.20 0.00	48.46 -6.37 0.00	59.66 -8.69 0.00	40.45 -6.06 -0.90	45.31 -7.20 0.00	40.97 -6.22 0.00	48.48 -6.87 0.00	50.71 -7.49 0.00	47.70 -7.09 0.26	50.30 -7.28 4.47	51.09 -6.99 3.88	53.23 -7.49 3.92	45.12 -7.42 9.47	32.07 -5.52 8.85	34.54 -6.41 11.35	28.04 -5.20 8.17	24.56 -4.46 6.80	37.60 -7.44 10.68	59.26 -10.76 21.16	44.74 -7.77 16.82
MODERN_LFGE___ 323580	41.63 -5.59 0.92	42.06 -5.72 0.00	35.83 -4.88 0.00	38.53 -5.00 0.00	40.28 -5.20 0.00	48.46 -6.37 0.00	59.66 -8.69 0.00	40.45 -6.06 -0.90	45.31 -7.20 0.00	40.97 -6.22 0.00	48.48 -6.87 0.00	50.71 -7.49 0.00	47.70 -7.09 0.26	50.30 -7.28 4.47	51.09 -6.99 3.88	53.23 -7.49 3.92	45.12 -7.42 9.47	32.07 -5.52 8.85	34.54 -6.41 11.35	28.04 -5.20 8.17	24.56 -4.46 6.80	37.60 -7.44 10.68	59.26 -10.76 21.16	44.74 -7.77 16.82
MOHAWK_PAPER___DRP 24187	50.35 2.20 0.00	49.90 2.13 0.00	42.51 1.81 0.00	45.46 1.93 0.00	47.50 2.01 0.00	57.27 2.44 0.00	71.56 3.21 0.00	55.47 2.31 -7.55	55.09 2.58 0.00	49.23 2.04 0.00	57.81 2.47 0.00	60.80 2.60 0.00	57.57 2.52 0.00	64.77 2.71 0.00	64.66 2.71 0.00	67.76 3.12 0.00	65.20 3.19 0.00	86.71 2.59 -37.69	78.44 2.89 -23.26	84.77 2.31 -41.05	71.00 1.95 -33.22	58.59 2.88 0.00	95.20 4.02 0.00	72.20 2.86 0.00
MOHICAN___35_KV_115KV_LD 80490	50.66 2.51 0.00	50.14 2.37 0.00	42.75 2.04 0.00	45.73 2.20 0.00	47.84 2.35 0.00	57.74 2.91 0.00	72.44 4.09 0.00	56.17 2.85 -7.71	55.78 3.27 0.00	49.78 2.59 0.00	58.35 3.00 0.00	61.30 3.09 0.00	57.98 2.93 0.00	65.30 3.24 0.00	65.23 3.27 0.00	68.44 3.80 0.00	66.18 4.18 0.00	99.12 3.37 -49.32	87.43 3.79 -31.35	93.51 3.03 -49.07	72.32 2.55 -33.94	59.37 3.66 0.00	96.41 5.23 0.00	72.94 3.61 0.00
MONGAUP___HYD 23641	51.17 3.02 0.00	50.67 2.90 0.00	43.16 2.45 0.00	46.10 2.57 0.00	48.16 2.67 0.00	58.24 3.41 0.00	72.28 3.93 0.00	52.49 1.94 -4.94	55.00 2.49 0.00	49.53 2.33 0.00	58.20 2.86 0.00	61.06 2.86 0.00	57.83 2.78 0.00	65.34 3.28 0.00	65.27 3.31 0.00	68.47 3.83 0.00	66.11 4.10 0.00	62.42 2.84 -13.14	62.90 3.59 -7.02	64.45 3.16 -19.88	61.45 2.64 -22.99	59.33 3.62 0.00	96.50 5.32 0.00	73.43 4.09 0.00
MONTAUK___DIESEL 23721	55.67 3.91 -3.60	51.34 3.57 0.00	43.63 2.92 0.00	46.67 3.14 0.00	48.68 3.20 0.00	59.21 4.38 0.00	74.56 6.21 0.00	55.96 4.61 -5.74	57.50 4.99 0.00	50.88 3.68 0.00	59.45 4.10 0.00	62.38 4.18 0.00	58.87 3.82 0.00	66.67 4.62 0.00	66.57 4.62 0.00	70.31 5.67 0.00	67.88 5.87 0.00	65.46 4.66 -14.37	65.25 5.29 -7.66	72.54 5.14 -25.99	65.66 4.64 -25.19	62.53 6.82 0.00	101.03 9.85 0.00	75.88 6.54 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.86 -4.34 0.95	43.03 -4.73 0.00	37.16 -3.55 0.00	40.42 -3.11 0.00	42.54 -2.95 0.00	50.63 -4.20 0.00	63.21 -5.15 0.00	43.45 -3.18 -1.03	49.05 -3.46 0.00	44.35 -2.85 0.00	52.64 -2.71 0.00	55.10 -3.10 0.00	51.66 -3.14 0.25	53.74 -3.74 4.58	54.08 -3.99 3.89	56.04 -4.63 3.97	47.12 -5.36 9.52	33.22 -4.34 8.87	35.70 -5.26 11.33	29.02 -4.35 8.04	25.33 -3.92 6.58	38.29 -6.69 10.73	60.03 -9.49 21.65	45.13 -6.77 17.44

MORRIS_RIDGE___SOLAR 323848	37.31 -4.81 6.03	42.94 -4.83 0.00	36.63 -4.08 0.00	39.33 -4.20 0.00	41.42 -4.06 0.00	50.21 -4.62 0.00	63.24 -5.12 0.00	43.47 -3.31 -1.18	48.23 -4.28 0.00	43.45 -3.74 0.00	51.37 -3.98 0.00	53.80 -4.40 0.00	49.05 -4.34 1.66	27.78 -5.06 29.22	32.00 -4.97 24.99	33.86 -5.28 25.50	-4.15 -5.05 61.11	-28.66 -3.61 71.48	-32.39 -4.23 80.45	-35.25 -3.55 73.11	-34.20 -3.27 66.75	-18.75 -5.58 68.88	-55.90 -7.58 139.49	-49.07 -5.81 112.60
MORTIMER_115KV_TB3 55949	45.18 -2.97 0.00	44.70 -3.08 0.00	38.09 -2.62 0.00	40.85 -2.68 0.00	42.72 -2.77 0.00	51.49 -3.34 0.00	64.00 -4.35 0.00	43.38 -2.95 -0.72	49.00 -3.51 0.00	44.19 -3.01 0.00	52.13 -3.22 0.00	54.63 -3.57 0.00	51.60 -3.45 0.00	58.29 -3.78 -0.01	58.43 -3.53 0.00	60.91 -3.73 0.00	58.33 -3.69 0.00	44.42 -2.58 -0.56	49.30 -3.07 -0.08	40.86 -2.51 -1.96	36.88 -2.21 -3.25	51.77 -3.95 -0.01	85.45 -5.77 -0.03	65.06 -4.33 -0.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.22 3.07 0.00	50.71 2.94 0.00	43.21 2.50 0.00	46.15 2.62 0.00	48.14 2.66 0.00	58.18 3.35 0.00	73.20 4.85 0.00	54.95 3.60 -5.74	56.49 3.98 0.00	50.40 3.21 0.00	59.19 3.85 0.00	62.17 3.97 0.00	58.93 3.88 0.00	66.09 4.03 0.00	66.00 4.04 0.00	69.15 4.51 0.00	66.89 4.88 0.00	64.90 4.10 -14.37	64.50 4.55 -7.66	66.79 3.63 -21.75	63.99 2.98 -25.18	59.82 4.11 0.00	97.03 5.85 0.00	73.42 4.08 0.00
MUNSVILLE_WIND_PWR 323609	48.56 0.41 0.00	48.17 0.40 0.00	41.10 0.39 0.00	43.97 0.43 0.00	46.08 0.60 0.00	56.07 1.24 0.00	71.05 2.70 0.00	51.98 4.13 -2.24	58.11 5.60 0.00	51.45 4.26 0.00	60.96 5.62 0.00	63.98 5.78 0.00	59.88 4.83 0.00	67.53 5.47 0.00	67.16 5.20 0.00	71.11 6.47 0.00	67.02 5.01 0.00	56.49 3.97 -6.08	59.57 3.78 -3.49	52.00 2.63 -7.95	45.95 2.04 -8.09	57.71 2.00 0.00	94.91 3.73 0.00	71.49 2.15 0.00
N SALMON___HYD 24042	47.91 -0.24 0.00	47.63 -0.14 0.00	40.47 -0.24 0.00	43.35 -0.18 0.00	45.32 -0.17 0.00	54.40 -0.43 0.00	67.53 -0.83 0.00	44.98 -0.63 0.00	52.04 -0.47 0.00	46.91 -0.29 0.00	54.58 -0.76 0.00	57.35 -0.85 0.00	54.00 -1.05 0.00	61.03 -1.03 0.00	61.11 -0.85 0.00	64.26 -0.38 0.00	61.90 -0.10 0.00	46.13 -0.30 0.00	51.93 -0.35 0.00	40.96 -0.45 0.00	35.42 -0.41 0.00	55.44 -0.27 0.00	91.24 0.06 0.00	69.78 0.44 0.00
N.AKRON__115KV_KNAPP 355671	43.19 -4.17 0.79	43.45 -4.32 0.00	37.02 -3.69 0.00	39.81 -3.72 0.00	41.64 -3.85 0.00	50.15 -4.68 0.00	61.97 -6.38 0.00	42.05 -4.42 -0.86	47.24 -5.27 0.00	42.65 -4.55 0.00	50.38 -4.97 0.00	52.70 -5.50 0.00	49.39 -5.44 0.22	52.58 -5.66 3.82	53.37 -5.30 3.29	55.75 -5.55 3.34	48.44 -5.54 8.03	35.11 -3.96 7.37	38.04 -4.72 9.53	30.92 -3.83 6.66	27.10 -3.30 5.43	40.72 -5.93 9.05	64.80 -8.30 18.08	48.85 -6.03 14.46
N.BELMOR_69_KV_BK1 55787	56.44 4.00 -4.29	51.54 3.77 0.00	43.80 3.09 0.00	46.81 3.28 0.00	48.78 3.29 0.00	59.03 4.20 0.00	74.10 5.75 0.00	55.54 4.19 -5.74	57.25 4.73 0.00	50.86 3.67 0.00	59.57 4.23 0.00	62.76 4.56 0.00	59.33 4.28 0.00	66.77 4.71 0.00	66.75 4.79 0.00	69.97 5.33 0.00	67.56 5.56 0.00	65.35 4.55 -14.37	65.01 5.06 -7.66	73.31 4.25 -27.65	64.64 3.62 -25.19	60.93 5.21 0.00	98.58 7.40 0.00	74.60 5.26 0.00
N.E_GEN_SANDY PD 24062	59.90 2.66 -9.08	57.53 2.56 -7.20	51.33 2.18 -8.43	55.25 2.31 -9.41	63.78 2.40 -15.89	74.99 2.94 -17.23	75.84 3.92 -3.57	75.47 2.85 -27.01	68.34 3.15 -12.68	48.72 2.44 0.91	60.20 3.12 -1.73	61.84 3.26 -0.38	59.88 3.17 -1.66	67.96 3.35 -2.54	65.22 3.26 0.00	73.72 3.71 -5.37	86.76 3.89 -20.86	132.86 3.20 -83.23	105.90 3.58 -50.03	106.74 2.87 -62.46	91.14 2.41 -52.90	67.62 3.46 -8.45	100.36 4.99 -4.19	83.75 3.55 -10.86
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.81 2.66 0.00	50.32 2.55 0.00	42.88 2.17 0.00	45.81 2.28 0.00	47.81 2.33 0.00	57.81 2.98 0.00	72.66 4.31 0.00	54.10 3.14 -5.35	55.87 3.36 0.00	49.86 2.67 0.00	58.57 3.22 0.00	61.49 3.29 0.00	58.26 3.21 0.00	65.47 3.42 0.00	65.38 3.42 0.00	68.52 3.88 0.00	66.26 4.25 0.00	63.95 3.66 -13.86	63.75 4.07 -7.39	65.62 3.24 -20.97	62.78 2.69 -24.27	59.36 3.65 0.00	96.40 5.23 0.00	72.97 3.63 0.00
N.QUEENS_27_KV_LOAD 356247	51.47 3.32 0.00	50.94 3.17 0.00	43.36 2.65 0.00	46.29 2.76 0.00	48.23 2.74 0.00	58.32 3.49 0.00	73.41 5.06 0.00	55.05 3.70 -5.74	56.49 3.98 0.00	50.45 3.26 0.00	59.20 3.86 0.00	62.23 4.03 0.00	58.98 3.93 0.00	66.10 4.04 0.00	66.01 4.06 0.00	69.19 4.55 0.00	66.97 4.96 0.00	64.85 4.05 -14.36	64.53 4.58 -7.66	66.78 3.62 -21.75	64.03 3.01 -25.18	59.90 4.19 0.00	97.01 5.83 0.00	73.39 4.05 0.01
N.TROY___115KV_TB1 355778	50.35 2.20 0.00	49.87 2.10 0.00	42.50 1.79 0.00	45.45 1.92 0.00	47.50 2.01 0.00	57.26 2.43 0.00	71.55 3.19 0.00	55.46 2.27 -7.58	55.05 2.54 0.00	49.16 1.96 0.00	57.74 2.40 0.00	60.69 2.48 0.00	57.47 2.42 0.00	64.70 2.64 0.00	64.53 2.58 0.00	67.61 2.97 0.00	65.13 3.12 0.00	92.29 2.54 -43.32	82.33 2.84 -27.20	88.51 2.28 -44.83	71.11 1.93 -33.35	58.54 2.83 0.00	95.17 3.99 0.00	72.17 2.83 0.00
NARROWS_GT1_1 24228	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT1_2 24229	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT1_3 24230	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT1_4 24231	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00

NARROWS_GT1_5 24232	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT1_6 24233	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT1_7 24234	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT1_8 24235	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT2_1 24236	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT2_2 24237	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT2_3 24238	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT2_4 24239	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT2_5 24240	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT2_6 24241	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT2_7 24242	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NARROWS_GT2_8 24243	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.76 3.61 0.00	51.24 3.47 0.00	43.66 2.95 0.00	46.68 3.15 0.00	48.84 3.35 0.00	58.94 4.11 0.00	73.81 5.46 0.00	56.48 3.86 -7.02	56.87 4.36 0.00	50.53 3.34 0.00	59.14 3.80 0.00	61.98 3.78 0.00	58.52 3.47 0.00	65.93 3.87 0.00	65.92 3.96 0.00	69.59 4.94 0.00	67.35 5.34 0.00	77.47 4.24 -26.80	72.92 4.80 -15.83	77.89 3.70 -32.78	69.92 3.10 -30.99	60.40 4.69 0.00	98.14 6.96 0.00	74.38 5.04 0.00
NCHELSEA_115KV_TR2 355582	51.54 3.39 0.00	51.02 3.25 0.00	43.47 2.76 0.00	46.43 2.90 0.00	48.48 2.99 0.00	58.63 3.80 0.00	73.72 5.37 0.00	55.22 3.91 -5.70	56.83 4.32 0.00	50.73 3.53 0.00	59.68 4.33 0.00	62.66 4.46 0.00	59.35 4.31 0.00	66.72 4.66 0.00	66.63 4.67 0.00	69.81 5.17 0.00	67.50 5.49 0.00	65.62 4.58 -14.61	65.22 5.10 -7.84	67.35 4.04 -21.90	64.32 3.35 -25.15	60.40 4.69 0.00	98.06 6.88 0.00	74.17 4.83 0.00
NEG CAPITAL___MECHNVIL 23645	50.77 2.62 0.00	50.29 2.51 0.00	42.85 2.14 0.00	45.83 2.30 0.00	47.91 2.43 0.00	57.80 2.97 0.00	72.38 4.02 0.00	56.12 2.84 -7.67	55.72 3.21 0.00	49.77 2.57 0.00	58.39 3.04 0.00	61.39 3.18 0.00	58.11 3.06 0.00	65.50 3.44 0.00	65.38 3.42 0.00	68.50 3.86 0.00	66.06 4.06 0.00	97.20 3.25 -47.51	86.05 3.66 -30.10	92.08 2.89 -47.78	72.00 2.43 -33.74	59.25 3.54 0.00	96.36 5.18 0.00	72.97 3.63 0.00

NEG CENTRAL_HIGH_ACRES 23767	44.89 -3.26 0.00	44.46 -3.31 0.00	37.89 -2.82 0.00	40.64 -2.90 0.00	42.51 -2.98 0.00	51.27 -3.56 0.00	63.85 -4.50 0.00	43.31 -2.99 -0.69	48.95 -3.56 0.00	44.07 -3.12 0.00	51.90 -3.44 0.00	54.43 -3.77 0.00	51.45 -3.60 0.00	58.08 -3.99 0.00	58.16 -3.80 0.00	60.62 -4.01 0.00	58.11 -3.90 0.00	44.24 -2.71 -0.52	49.13 -3.23 -0.06	40.63 -2.64 -1.86	36.60 -2.36 -3.12	51.69 -4.02 0.00	85.01 -6.17 0.00	64.68 -4.66 0.00
NEG CENTRAL___DRP 24199	47.03 -1.56 -0.44	46.22 -1.55 0.00	39.43 -1.28 0.00	42.22 -1.32 0.00	44.22 -1.27 0.00	53.40 -1.44 0.00	66.92 -1.43 0.00	45.50 -0.87 -0.76	51.30 -1.21 0.00	46.12 -1.07 0.00	54.20 -1.14 0.00	56.85 -1.35 0.00	53.90 -1.27 -0.12	62.73 -1.46 -2.13	62.35 -1.44 -1.82	64.94 -1.56 -1.86	65.20 -1.27 -4.46	53.11 -0.75 -7.43	58.43 -0.91 -7.06	49.28 -0.78 -8.66	43.75 -0.78 -8.70	59.14 -1.60 -5.03	98.89 -2.49 -10.20	75.48 -2.09 -8.23
NEG CENTRAL___INDECK 23768	50.33 -2.22 -4.40	45.42 -2.36 0.00	38.72 -1.99 0.00	41.54 -2.00 0.00	43.61 -1.88 0.00	52.85 -1.99 0.00	66.47 -1.89 0.00	45.53 -1.09 -1.02	50.93 -1.58 0.00	45.83 -1.36 0.00	54.03 -1.31 0.00	56.54 -1.67 0.00	54.44 -1.83 -1.22	81.50 -1.95 -21.40	78.42 -1.87 -18.33	81.34 -2.00 -18.71	105.14 -1.70 -44.83	102.96 -0.91 -57.43	112.80 -1.19 -61.70	101.30 -1.15 -61.04	92.07 -1.17 -57.41	103.88 -2.36 -50.53	190.55 -3.00 -102.38	149.62 -2.38 -82.66
NEG CENTRAL___SENECA 23627	47.00 -1.87 -0.72	45.89 -1.88 0.00	39.16 -1.55 0.00	41.96 -1.57 0.00	43.99 -1.50 0.00	53.11 -1.72 0.00	66.65 -1.70 0.00	45.46 -1.00 -0.85	51.08 -1.43 0.00	45.98 -1.22 0.00	54.02 -1.33 0.00	56.64 -1.56 0.00	53.77 -1.47 -0.20	63.86 -1.68 -3.48	63.22 -1.71 -2.98	65.81 -1.88 -3.04	67.77 -1.53 -7.29	56.61 -0.95 -11.12	62.14 -1.14 -10.99	53.02 -0.99 -12.60	47.23 -1.02 -12.42	61.89 -2.04 -8.22	104.73 -3.11 -16.65	80.16 -2.63 -13.45
NEG CENTRAL___STATE_STREET 24147	47.25 -0.90 0.00	46.98 -0.79 0.00	40.06 -0.65 0.00	42.87 -0.67 0.00	44.86 -0.63 0.00	54.19 -0.64 0.00	67.84 -0.51 0.00	45.88 -0.45 -0.72	51.90 -0.61 0.00	46.60 -0.59 0.00	54.76 -0.77 0.00	57.44 -0.71 0.00	54.34 -0.71 0.00	61.24 -0.82 0.00	61.35 -0.61 0.00	63.99 -0.65 0.00	61.41 -0.59 0.00	48.17 -0.20 -1.93	53.04 -0.28 -1.03	44.14 -0.16 -2.89	38.97 -0.19 -3.33	55.07 -0.64 0.00	90.15 -1.03 0.00	68.48 -0.87 0.00
NEG MILLWOOD___DRP 24198	51.70 3.55 0.00	51.18 3.41 0.00	43.61 2.90 0.00	46.59 3.06 0.00	48.63 3.14 0.00	58.82 3.98 0.00	74.00 5.65 0.00	55.56 4.12 -5.83	57.07 4.56 0.00	50.92 3.73 0.00	59.91 4.57 0.00	62.89 4.69 0.00	59.58 4.54 0.00	66.87 4.81 0.00	66.78 4.82 0.00	69.98 5.34 0.00	67.69 5.68 0.00	65.79 4.72 -14.64	65.36 5.24 -7.83	67.62 4.17 -22.04	64.68 3.44 -25.41	60.56 4.85 0.00	98.26 7.08 0.00	74.31 4.97 0.00
NEG NORTH_FLCN_SEA 23793	47.97 -0.18 0.00	47.61 -0.16 0.00	40.46 -0.25 0.00	43.28 -0.25 0.00	45.19 -0.29 0.00	54.09 -0.74 0.00	66.96 -1.39 0.00	44.57 -1.04 0.00	51.53 -0.97 0.00	46.32 -0.87 0.00	54.19 -1.15 0.00	57.08 -1.12 0.00	53.66 -1.38 0.00	60.79 -1.27 0.00	60.88 -1.08 0.00	64.25 -0.39 0.00	62.01 0.00 0.00	46.15 -0.28 0.00	51.87 -0.42 0.00	40.88 -0.53 0.00	35.29 -0.54 0.00	55.14 -0.57 0.00	90.67 -0.51 0.00	69.79 0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	47.50 -0.65 0.00	47.22 -0.55 0.00	40.12 -0.59 0.00	42.95 -0.57 0.00	44.87 -0.62 0.00	53.87 -0.96 0.00	66.74 -1.61 0.00	44.40 -1.21 0.00	51.37 -1.14 0.00	46.30 -0.89 0.00	54.05 -1.30 0.00	56.88 -1.33 0.00	53.56 -1.49 0.00	60.58 -1.48 0.00	60.71 -1.24 0.00	63.88 -0.76 0.00	61.48 -0.52 0.00	45.74 -0.70 0.00	51.45 -0.85 0.00	40.58 -0.84 0.00	35.07 -0.76 0.00	54.96 -0.75 0.00	90.43 -0.75 0.00	69.26 -0.08 0.00
NEG NORTH___ALICE_FALLS 23915	48.18 0.03 0.00	47.82 0.05 0.00	40.62 -0.09 0.00	43.47 -0.06 0.00	45.41 -0.08 0.00	54.46 -0.37 0.00	67.47 -0.88 0.00	44.93 -0.68 0.00	51.98 -0.53 0.00	46.70 -0.50 0.00	54.59 -0.75 0.00	57.46 -0.74 0.00	54.00 -1.05 0.00	61.21 -0.85 0.00	61.29 -0.67 0.00	64.69 0.06 0.00	62.46 0.45 0.00	46.55 0.11 0.00	52.36 0.07 0.00	41.23 -0.18 0.00	35.60 -0.23 0.00	55.60 -0.11 0.00	91.46 0.27 0.00	70.20 0.86 0.00
NEG NORTH___LWR_SARANAC 23913	48.18 0.03 0.00	47.82 0.05 0.00	40.62 -0.09 0.00	43.47 -0.06 0.00	45.41 -0.08 0.00	54.46 -0.37 0.00	67.47 -0.88 0.00	44.93 -0.68 0.00	51.98 -0.53 0.00	46.70 -0.50 0.00	54.59 -0.75 0.00	57.46 -0.74 0.00	54.00 -1.05 0.00	61.21 -0.85 0.00	61.29 -0.67 0.00	64.69 0.06 0.00	62.46 0.45 0.00	46.55 0.11 0.00	52.36 0.07 0.00	41.23 -0.18 0.00	35.60 -0.23 0.00	55.60 -0.11 0.00	91.46 0.27 0.00	70.20 0.86 0.00
NEG NORTH___PLATTSBURG 23628	48.18 0.03 0.00	47.82 0.05 0.00	40.62 -0.09 0.00	43.47 -0.06 0.00	45.41 -0.08 0.00	54.46 -0.37 0.00	67.47 -0.88 0.00	44.93 -0.68 0.00	51.98 -0.53 0.00	46.70 -0.50 0.00	54.59 -0.75 0.00	57.46 -0.74 0.00	54.00 -1.05 0.00	61.22 -0.85 0.00	61.29 -0.67 0.00	64.69 0.06 0.00	62.46 0.45 0.00	46.55 0.11 0.00	52.36 0.07 0.00	41.23 -0.18 0.00	35.60 -0.23 0.00	55.60 -0.11 0.00	91.44 0.26 0.00	70.20 0.86 0.00
NEG WEST_LEA_LOCKPORT 23791	42.06 -5.13 0.96	42.52 -5.25 0.00	36.23 -4.48 0.00	38.97 -4.56 0.00	40.75 -4.73 0.00	49.03 -5.80 0.00	60.45 -7.90 0.00	41.00 -5.49 -0.89	45.96 -6.55 0.00	41.55 -5.64 0.00	49.17 -6.18 0.00	51.42 -6.78 0.00	48.30 -6.49 0.26	50.52 -6.91 4.64	51.42 -6.57 3.97	53.57 -7.03 4.04	45.22 -7.08 9.71	31.92 -5.16 9.36	34.48 -6.06 11.75	27.82 -4.88 8.71	24.35 -4.17 7.31	37.48 -7.29 10.94	58.87 -10.38 21.93	44.26 -7.51 17.57
NEG WEST___LANCASTER 23811	43.94 -3.24 0.97	44.41 -3.36 0.00	37.83 -2.88 0.00	40.65 -2.88 0.00	42.63 -2.86 0.00	51.21 -3.62 0.00	63.50 -4.85 0.00	43.26 -3.38 -1.04	48.43 -4.09 0.00	43.74 -3.45 0.00	51.77 -3.57 0.00	54.30 -3.91 0.00	51.10 -3.69 0.26	53.67 -3.72 4.68	54.17 -3.80 3.98	56.20 -4.38 4.06	47.69 -4.58 9.74	33.98 -3.39 9.07	36.70 -4.00 11.59	29.91 -3.27 8.23	26.19 -2.89 6.75	39.62 -5.11 10.98	62.17 -6.88 22.13	46.46 -5.08 17.80
NEG_PENN_ALLEGHNY 23528	47.26 -0.89 0.00	46.84 -0.93 0.00	39.94 -0.76 0.00	42.75 -0.78 0.00	44.73 -0.75 0.00	54.07 -0.76 0.00	67.74 -0.61 0.00	47.19 -0.31 -1.90	52.06 -0.45 0.00	46.72 -0.47 0.00	55.00 -0.34 0.00	57.82 -0.38 0.00	54.69 -0.35 0.00	61.64 -0.42 0.00	61.50 -0.45 0.00	64.19 -0.45 0.00	61.63 -0.38 0.00	51.62 -0.09 -5.27	55.06 -0.12 -2.89	48.83 -0.17 -7.59	44.00 -0.27 -8.44	54.99 -0.72 0.00	90.16 -1.02 0.00	68.40 -0.95 0.00
NEG___GEN_MONROE 24207	45.35 -2.80 0.00	44.87 -2.91 0.00	38.24 -2.47 0.00	41.01 -2.52 0.00	42.86 -2.62 0.00	51.70 -3.14 0.00	64.24 -4.11 0.00	43.56 -2.78 -0.73	49.17 -3.34 0.00	44.34 -2.86 0.00	52.27 -3.07 0.00	54.76 -3.44 0.00	51.64 -3.41 0.00	58.40 -3.67 -0.01	58.57 -3.39 0.00	61.13 -3.51 0.00	58.58 -3.43 -0.01	44.65 -2.36 -0.58	49.53 -2.85 -0.09	41.06 -2.34 -1.99	37.07 -2.05 -3.30	51.94 -3.77 -0.01	85.82 -5.41 -0.05	65.35 -4.04 -0.06

NEPA__ENERGY 23901	42.32 -4.49 1.34	43.12 -4.65 0.00	36.90 -3.81 0.00	39.82 -3.71 0.00	41.78 -3.71 0.00	50.07 -4.76 0.00	62.16 -6.19 0.00	42.48 -4.12 -0.98	47.67 -4.84 0.00	43.11 -4.08 0.00	51.07 -4.27 0.00	53.45 -4.76 0.00	50.11 -4.58 0.36	50.52 -5.07 6.47	51.46 -5.00 5.50	53.45 -5.58 5.61	42.66 -5.89 13.46	28.25 -4.38 13.80	30.37 -5.23 16.69	23.90 -4.28 13.23	20.66 -3.75 11.42	33.97 -6.57 15.17	51.25 -9.28 30.65	37.87 -6.77 24.70
NEVERSINK__HYD 23608	51.04 2.89 0.00	50.52 2.75 0.00	43.06 2.35 0.00	45.99 2.46 0.00	48.05 2.56 0.00	58.14 3.31 0.00	73.24 4.89 0.00	54.22 3.57 -5.04	56.45 3.95 0.00	50.45 3.25 0.00	59.27 3.93 0.00	62.22 4.01 0.00	58.92 3.88 0.00	66.42 4.36 0.00	66.37 4.42 0.00	69.53 4.89 0.00	67.24 5.23 0.00	64.68 4.39 -13.85	64.72 4.90 -7.52	65.58 3.88 -20.29	61.90 3.20 -22.87	60.12 4.41 0.00	97.69 6.50 0.00	73.88 4.54 0.00
NEWKRMKL_115KV_TB1 55635	50.16 2.00 0.00	49.68 1.91 0.00	42.35 1.64 0.00	45.28 1.75 0.00	47.31 1.82 0.00	57.03 2.20 0.00	71.29 2.94 0.00	55.27 2.12 -7.54	54.87 2.36 0.00	49.05 1.85 0.00	57.60 2.26 0.00	60.56 2.36 0.00	57.35 2.30 0.00	64.50 2.44 0.00	64.40 2.45 0.00	67.48 2.84 0.00	64.95 2.94 0.00	84.69 2.38 -35.87	76.93 2.65 -21.99	83.34 2.11 -39.82	70.77 1.78 -33.16	58.35 2.65 0.00	94.79 3.61 0.00	71.92 2.58 0.00
NEWTON__FALLS_HYD 23847	46.12 -2.03 0.00	45.82 -1.95 0.00	39.00 -1.71 0.00	41.77 -1.76 0.00	43.58 -1.90 0.00	52.40 -2.43 0.00	65.37 -2.98 0.00	43.77 -1.98 -0.14	50.38 -2.13 0.00	45.33 -1.86 0.00	52.81 -2.53 0.00	55.15 -3.05 0.00	52.31 -2.73 0.00	58.80 -3.26 0.00	58.71 -3.25 0.00	61.41 -3.23 0.00	59.48 -2.53 0.00	44.60 -1.94 -0.11	50.36 -1.95 -0.01	40.22 -1.60 -0.40	35.02 -1.49 -0.67	53.65 -2.06 0.00	88.98 -2.20 0.00	68.13 -1.21 0.00
NGRID_A1_DSASP 323792	41.33 -5.84 0.98	41.82 -5.95 0.00	35.64 -5.07 0.00	38.33 -5.20 0.00	40.05 -5.43 0.00	48.12 -6.71 0.00	59.18 -9.17 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.61 0.00	48.05 -7.29 0.00	50.25 -7.95 0.00	47.25 -7.54 0.26	49.21 -8.12 4.74	50.15 -7.81 4.00	52.16 -8.40 4.08	43.72 -8.51 9.78	30.92 -5.92 9.59	33.41 -7.00 11.88	26.93 -5.55 8.93	23.54 -4.79 7.49	36.57 -8.11 11.02	56.99 -11.87 22.32	42.84 -8.48 18.02
NGRID_A2_DSASP 323793	41.33 -5.84 0.98	41.82 -5.95 0.00	35.64 -5.07 0.00	38.33 -5.20 0.00	40.05 -5.43 0.00	48.12 -6.71 0.00	59.18 -9.17 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.61 0.00	48.05 -7.29 0.00	50.25 -7.95 0.00	47.25 -7.54 0.26	49.21 -8.12 4.74	50.15 -7.81 4.00	52.16 -8.40 4.08	43.72 -8.51 9.78	30.92 -5.92 9.59	33.41 -7.00 11.88	26.93 -5.55 8.93	23.54 -4.79 7.49	36.57 -8.11 11.02	56.99 -11.87 22.32	42.84 -8.48 18.02
NGRID_A4_DSASP 323807	41.33 -5.84 0.98	41.82 -5.95 0.00	35.64 -5.07 0.00	38.33 -5.20 0.00	40.05 -5.43 0.00	48.12 -6.71 0.00	59.18 -9.17 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.61 0.00	48.05 -7.29 0.00	50.25 -7.95 0.00	47.25 -7.54 0.26	49.21 -8.12 4.74	50.15 -7.81 4.00	52.16 -8.40 4.08	43.72 -8.51 9.78	30.92 -5.92 9.59	33.41 -7.00 11.88	26.93 -5.55 8.93	23.54 -4.79 7.49	36.57 -8.11 11.02	56.99 -11.87 22.32	42.84 -8.48 18.02
NIAGARA_115E_LBMP 323715	41.31 -5.90 0.94	41.76 -6.01 0.00	35.57 -5.14 0.00	38.25 -5.28 0.00	39.98 -5.50 0.00	48.11 -6.72 0.00	59.15 -9.20 0.00	40.09 -6.42 -0.91	44.87 -7.64 0.00	40.60 -6.59 0.00	48.05 -7.30 0.00	50.26 -7.94 0.00	47.31 -7.48 0.26	49.86 -7.63 4.57	50.62 -7.36 3.97	52.71 -7.90 4.02	44.48 -7.81 9.72	31.53 -5.86 9.05	33.89 -6.76 11.63	27.55 -5.49 8.37	24.15 -4.70 6.98	36.97 -7.79 10.95	58.26 -11.30 21.62	44.04 -8.16 17.14
NIAGARA_115W_LBMP 323714	41.25 -5.92 0.98	41.75 -6.03 0.00	35.57 -5.14 0.00	38.25 -5.28 0.00	39.97 -5.52 0.00	48.02 -6.81 0.00	59.06 -9.30 0.00	40.00 -6.51 -0.90	44.78 -7.73 0.00	40.49 -6.70 0.00	47.95 -7.40 0.00	50.14 -8.06 0.00	47.15 -7.63 0.26	49.13 -8.21 4.71	50.07 -7.91 3.97	52.09 -8.49 4.06	43.66 -8.63 9.72	30.93 -5.98 9.52	33.42 -7.06 11.80	26.94 -5.61 8.86	23.57 -4.84 7.43	36.56 -8.20 10.95	57.01 -11.99 22.18	42.88 -8.55 17.91
NIAGARA_230_LBMP 323716	41.69 -5.53 0.94	42.15 -5.63 0.00	35.93 -4.78 0.00	38.63 -4.90 0.00	40.37 -5.12 0.00	48.51 -6.32 0.00	59.76 -8.59 0.00	40.50 -6.00 -0.89	45.38 -7.13 0.00	41.04 -6.16 0.00	48.56 -6.79 0.00	50.82 -7.38 0.00	47.79 -7.00 0.26	50.01 -7.55 4.50	50.93 -7.26 3.77	52.95 -7.83 3.85	44.93 -7.86 9.22	31.67 -5.74 9.03	34.42 -6.69 11.18	27.68 -5.38 8.35	24.22 -4.65 6.96	37.65 -7.67 10.39	58.75 -11.28 21.15	44.02 -8.19 17.12
NIAGARA__115KV_198_GIBSON 55903	41.25 -5.92 0.98	41.75 -6.03 0.00	35.57 -5.14 0.00	38.26 -5.28 0.00	39.97 -5.52 0.00	48.02 -6.81 0.00	59.05 -9.31 0.00	40.00 -6.51 -0.90	44.77 -7.74 0.00	40.49 -6.71 0.00	47.94 -7.41 0.00	50.14 -8.06 0.00	47.17 -7.61 0.26	49.29 -8.06 4.71	50.19 -7.80 3.97	52.22 -8.36 4.06	43.80 -8.49 9.72	30.87 -6.04 9.52	33.45 -7.04 11.80	26.90 -5.66 8.86	23.58 -4.82 7.43	36.35 -8.41 10.95	56.89 -12.10 22.18	42.65 -8.78 17.91
NIAGARA____ 23760	41.68 -5.53 0.94	42.15 -5.63 0.00	35.93 -4.78 0.00	38.63 -4.90 0.00	40.37 -5.12 0.00	48.51 -6.32 0.00	59.76 -8.59 0.00	40.51 -6.00 -0.90	45.38 -7.13 0.00	41.04 -6.16 0.00	48.56 -6.79 0.00	50.82 -7.38 0.00	47.79 -7.00 0.26	49.98 -7.55 4.53	50.88 -7.26 3.82	52.91 -7.83 3.90	44.79 -7.86 9.36	31.62 -5.74 9.07	34.29 -6.69 11.31	27.63 -5.38 8.40	24.17 -4.65 7.01	37.50 -7.67 10.53	58.59 -11.28 21.30	43.95 -8.19 17.20
NINE_MILE_1 23575	46.02 -2.13 0.00	45.63 -2.14 0.00	38.90 -1.81 0.00	41.61 -1.93 0.00	43.49 -1.99 0.00	52.46 -2.37 0.00	65.47 -2.88 0.00	44.10 -1.87 -0.36	50.30 -2.20 0.00	45.20 -1.99 0.00	53.07 -2.28 0.00	55.76 -2.45 0.00	52.75 -2.29 0.00	59.46 -2.60 0.00	59.39 -2.57 0.00	62.00 -2.64 0.00	59.52 -2.48 0.00	44.96 -1.75 -0.27	50.32 -2.00 -0.03	40.77 -1.61 -0.97	36.03 -1.42 -1.62	53.33 -2.38 0.00	87.29 -3.89 0.00	66.34 -3.01 0.00
NINE_MILE_2 23744	46.02 -2.13 0.00	45.63 -2.14 0.00	38.91 -1.81 0.00	41.61 -1.92 0.00	43.49 -1.99 0.00	52.47 -2.36 0.00	65.47 -2.88 0.00	44.10 -1.87 -0.36	50.31 -2.20 0.00	45.20 -1.99 0.00	53.07 -2.27 0.00	55.76 -2.44 0.00	52.75 -2.29 0.00	59.46 -2.60 0.00	59.39 -2.57 0.00	62.00 -2.64 0.00	59.52 -2.48 0.00	44.96 -1.75 -0.27	50.32 -2.00 -0.03	40.77 -1.61 -0.97	36.03 -1.42 -1.62	53.33 -2.38 0.00	87.29 -3.89 0.00	66.34 -3.01 0.00
NM_CAPITAL__DRP 24208	50.19 2.04 0.00	49.72 1.95 0.00	42.37 1.66 0.00	45.30 1.76 0.00	47.34 1.85 0.00	57.06 2.23 0.00	71.28 2.93 0.00	55.24 2.11 -7.52	54.85 2.34 0.00	49.01 1.82 0.00	57.58 2.24 0.00	60.55 2.34 0.00	57.34 2.29 0.00	64.48 2.42 0.00	64.36 2.41 0.00	67.44 2.81 0.00	64.92 2.91 0.00	84.26 2.36 -35.47	76.63 2.63 -21.71	83.03 2.10 -39.52	70.69 1.78 -33.09	58.35 2.65 0.00	94.79 3.61 0.00	71.92 2.58 0.00

NM_CENTRAL___DRP 24181	46.86 -1.29 0.00	46.46 -1.32 0.00	39.59 -1.13 0.00	42.35 -1.18 0.00	44.30 -1.19 0.00	53.49 -1.34 0.00	66.80 -1.55 0.00	45.17 -0.96 -0.51	51.36 -1.15 0.00	46.14 -1.05 0.00	54.21 -1.14 0.00	56.91 -1.30 0.00	53.87 -1.18 0.00	60.75 -1.31 0.00	60.68 -1.28 0.00	63.35 -1.29 0.00	60.81 -1.20 0.00	46.05 -0.77 -0.39	51.42 -0.91 -0.05	42.04 -0.75 -1.39	37.44 -0.71 -2.32	54.36 -1.36 0.00	88.98 -2.20 0.00	67.55 -1.78 0.00
NM_FRONTIER___DRP 24179	41.25 -5.92 0.98	41.75 -6.03 0.00	35.57 -5.14 0.00	38.26 -5.28 0.00	39.97 -5.52 0.00	48.02 -6.81 0.00	59.05 -9.31 0.00	40.00 -6.51 -0.90	44.77 -7.74 0.00	40.49 -6.71 0.00	47.94 -7.41 0.00	50.14 -8.06 0.00	47.17 -7.61 0.26	49.29 -8.06 4.71	50.19 -7.80 3.97	52.22 -8.36 4.06	43.80 -8.49 9.72	30.87 -6.04 9.52	33.45 -7.04 11.80	26.90 -5.66 8.86	23.58 -4.82 7.43	36.35 -8.41 10.95	56.89 -12.10 22.18	42.65 -8.78 17.91
NM_ST_REGIS___HYD 24053	47.34 -0.81 0.00	47.06 -0.71 0.00	40.00 -0.71 0.00	42.84 -0.69 0.00	44.73 -0.75 0.00	53.54 -1.29 0.00	66.42 -1.93 0.00	44.18 -1.43 0.00	51.07 -1.45 0.00	46.04 -1.16 0.00	53.54 -1.80 0.00	56.23 -1.98 0.00	53.04 -2.00 0.00	59.84 -2.22 0.00	59.84 -2.12 0.00	62.62 -2.02 0.00	60.30 -1.70 0.00	44.89 -1.54 0.00	50.63 -1.66 0.00	40.01 -1.40 0.00	34.65 -1.18 0.00	54.30 -1.41 0.00	89.56 -1.62 0.00	68.53 -0.80 0.00
NORTHPORT___1 23551	56.00 4.27 -3.58	51.77 4.00 0.00	44.01 3.30 0.00	47.07 3.54 0.00	49.03 3.55 0.00	59.45 4.61 0.00	74.71 6.35 0.00	55.95 4.60 -5.74	57.59 5.07 0.00	51.12 3.93 0.00	59.95 4.61 0.00	63.05 4.85 0.00	59.52 4.47 0.00	67.13 5.07 0.00	67.12 5.16 0.00	70.58 5.95 0.00	68.08 6.07 0.00	65.56 4.76 -14.37	65.28 5.33 -7.66	71.96 4.63 -25.93	64.96 3.94 -25.19	61.30 5.59 0.00	99.25 8.07 0.00	75.18 5.84 0.00
NORTHPORT___2 23552	56.00 4.27 -3.58	51.77 4.00 0.00	44.01 3.30 0.00	47.07 3.54 0.00	49.03 3.55 0.00	59.45 4.61 0.00	74.71 6.35 0.00	55.95 4.60 -5.74	57.59 5.07 0.00	51.12 3.93 0.00	59.95 4.61 0.00	63.05 4.85 0.00	59.52 4.47 0.00	67.13 5.07 0.00	67.12 5.16 0.00	70.58 5.95 0.00	68.08 6.07 0.00	65.56 4.76 -14.37	65.28 5.33 -7.66	71.96 4.63 -25.93	64.96 3.94 -25.19	61.30 5.59 0.00	99.25 8.07 0.00	75.18 5.84 0.00
NORTHPORT___3 23553	55.52 3.78 -3.59	51.29 3.52 0.00	43.61 2.90 0.00	46.62 3.09 0.00	48.59 3.10 0.00	58.84 4.01 0.00	73.90 5.55 0.00	55.44 4.09 -5.74	57.06 4.55 0.00	50.68 3.49 0.00	59.44 4.10 0.00	62.49 4.29 0.00	59.03 3.98 0.00	66.54 4.48 0.00	66.48 4.53 0.00	69.82 5.18 0.00	67.17 5.17 0.00	64.96 4.16 -14.37	64.56 4.61 -7.66	71.40 4.03 -25.97	64.50 3.48 -25.19	60.63 4.92 0.00	98.08 6.90 0.00	74.38 5.04 0.00
NORTHPORT___4 23650	55.52 3.78 -3.59	51.29 3.52 0.00	43.61 2.90 0.00	46.62 3.09 0.00	48.59 3.10 0.00	58.84 4.01 0.00	73.90 5.55 0.00	55.44 4.09 -5.74	57.06 4.55 0.00	50.68 3.49 0.00	59.44 4.10 0.00	62.49 4.29 0.00	59.03 3.98 0.00	66.54 4.48 0.00	66.48 4.53 0.00	69.82 5.18 0.00	67.17 5.17 0.00	64.96 4.16 -14.37	64.56 4.61 -7.66	71.40 4.03 -25.97	64.50 3.48 -25.19	60.63 4.92 0.00	98.08 6.90 0.00	74.38 5.04 0.00
NORTHPORT___IC 23718	56.00 4.27 -3.58	51.77 4.00 0.00	44.01 3.30 0.00	47.07 3.54 0.00	49.04 3.55 0.00	59.44 4.61 0.00	74.73 6.37 0.00	55.95 4.60 -5.74	57.59 5.08 0.00	51.12 3.93 0.00	59.95 4.61 0.00	63.06 4.86 0.00	59.51 4.47 0.00	67.14 5.08 0.00	67.13 5.17 0.00	70.58 5.94 0.00	68.10 6.09 0.00	65.56 4.76 -14.37	65.27 5.32 -7.66	71.97 4.63 -25.93	64.96 3.94 -25.19	61.33 5.62 0.00	99.26 8.08 0.00	75.18 5.84 0.00
NORTH___COUNTRY_ESR 323785	47.33 -0.82 0.00	47.04 -0.73 0.00	39.97 -0.74 0.00	42.79 -0.74 0.00	44.69 -0.79 0.00	53.67 -1.16 0.00	66.46 -1.89 0.00	44.20 -1.41 0.00	51.14 -1.36 0.00	46.11 -1.08 0.00	53.86 -1.49 0.00	56.73 -1.48 0.00	53.42 -1.64 0.00	60.43 -1.63 0.00	60.58 -1.38 0.00	63.68 -0.95 0.00	61.25 -0.76 0.00	45.55 -0.88 0.00	51.24 -1.05 0.00	40.39 -1.02 0.00	34.92 -0.91 0.00	54.73 -0.98 0.00	90.08 -1.10 0.00	68.99 -0.35 0.00
NPX_GEN_1385_PROXY 323591	56.74 5.01 -3.58	52.47 4.70 0.00	44.61 3.90 0.00	47.86 4.33 0.00	49.70 4.21 0.00	60.50 5.67 0.00	96.91 8.25 -20.31	49.37 5.56 1.80	58.50 5.99 0.00	51.53 4.34 0.00	60.47 5.13 0.00	63.69 5.49 0.00	59.83 4.79 0.00	67.97 5.91 0.00	67.85 5.90 0.00	71.63 7.00 0.00	69.81 7.80 0.00	66.77 5.97 -14.37	88.51 6.78 -29.43	97.78 5.78 -50.59	122.19 4.92 -81.43	62.50 6.79 0.00	101.60 10.42 0.00	76.56 7.22 0.00
NPX_GEN_CSC 323557	56.48 4.73 -3.60	52.17 4.40 0.00	44.33 3.63 0.00	47.40 3.87 0.00	49.42 3.94 0.00	60.00 5.17 0.00	93.81 7.05 -18.42	48.96 5.15 1.80	58.17 5.66 0.00	51.55 4.35 0.00	60.35 5.00 0.00	63.40 5.20 0.00	59.83 4.78 0.00	67.58 5.52 0.00	67.55 5.59 0.00	71.21 6.57 0.00	68.48 6.47 0.00	65.86 5.06 -14.37	65.63 5.68 -7.66	72.74 5.34 -25.99	65.60 4.58 -25.19	62.26 6.54 0.00	100.69 9.51 0.00	76.04 6.71 0.00
NSINS_S___GLNS_FALLS 23858	50.48 2.33 0.00	49.96 2.19 0.00	42.60 1.89 0.00	45.56 2.03 0.00	47.66 2.18 0.00	57.53 2.70 0.00	72.20 3.85 0.00	56.01 2.69 -7.72	55.61 3.10 0.00	49.63 2.43 0.00	58.18 2.83 0.00	61.11 2.91 0.00	57.80 2.76 0.00	65.09 3.04 0.00	65.02 3.07 0.00	68.24 3.60 0.00	65.95 3.94 0.00	99.16 3.20 -49.52	87.40 3.61 -31.49	93.50 2.87 -49.22	72.22 2.42 -33.97	59.17 3.47 0.00	96.10 4.92 0.00	72.69 3.36 0.00
NUCOR_STEEL___DRP 24197	47.24 -0.91 0.00	46.99 -0.78 0.00	40.07 -0.64 0.00	42.88 -0.65 0.00	44.87 -0.62 0.00	54.20 -0.63 0.00	67.83 -0.52 0.00	45.80 -0.49 -0.69	51.84 -0.66 0.00	46.55 -0.64 0.00	54.72 -0.62 0.00	57.40 -0.80 0.00	54.31 -0.74 0.00	61.20 -0.87 0.00	61.35 -0.61 0.00	64.00 -0.64 0.00	61.37 -0.63 0.00	46.72 -0.24 -0.53	52.02 -0.33 -0.07	43.13 -0.19 -1.90	38.83 -0.18 -3.19	55.08 -0.63 0.00	90.17 -1.01 0.00	68.53 -0.81 0.00
NUMBER_THREE_WT_PWR 323818	46.09 -2.06 0.00	45.80 -1.97 0.00	39.01 -1.70 0.00	41.83 -1.71 0.00	43.58 -1.91 0.00	52.71 -2.12 0.00	66.10 -2.25 0.00	44.43 -1.37 -0.18	51.07 -1.44 0.00	45.97 -1.23 0.00	53.77 -1.57 0.00	55.84 -2.36 0.00	53.36 -1.68 0.00	59.73 -2.33 0.00	59.52 -2.44 0.00	62.28 -2.36 0.00	60.53 -1.48 0.00	45.58 -1.01 -0.15	51.61 -0.70 -0.02	41.37 -0.58 -0.54	35.92 -0.82 -0.91	54.52 -1.19 0.00	90.94 -0.24 0.00	69.76 0.42 0.00
NYISO_LBMP_REFERENCE 24008	48.15 0.00 0.00	47.77 0.00 0.00	40.71 0.00 0.00	43.53 0.00 0.00	45.48 0.00 0.00	54.83 0.00 0.00	68.35 0.00 0.00	45.61 0.00 0.00	52.51 0.00 0.00	47.19 0.00 0.00	55.34 0.00 0.00	58.20 0.00 0.00	55.05 0.00 0.00	62.06 0.00 0.00	61.96 0.00 0.00	64.64 0.00 0.00	62.01 0.00 0.00	46.44 0.00 0.00	52.29 0.00 0.00	41.41 0.00 0.00	35.83 0.00 0.00	55.71 0.00 0.00	91.18 0.00 0.00	69.34 0.00 0.00

NYPA_BRENTWD____GT 24164	56.46 4.68 -3.63	52.15 4.38 0.00	44.31 3.60 0.00	47.38 3.85 0.00	49.37 3.88 0.00	59.87 5.04 0.00	75.26 6.91 0.00	56.36 5.01 -5.74	58.04 5.53 0.00	51.55 4.35 0.00	60.41 5.07 0.00	63.51 5.31 0.00	59.96 4.91 0.00	67.61 5.56 0.00	67.67 5.72 0.00	71.22 6.58 0.00	68.76 6.76 0.00	65.98 5.17 -14.37	65.64 5.68 -7.66	72.57 5.11 -26.06	65.36 4.34 -25.19	61.89 6.18 0.00	100.13 8.95 0.00	75.81 6.47 0.00
NYPA_GOWANUS____GT5 24156	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NYPA_GOWANUS____GT6 24157	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.97 3.05 -9.40	56.31 3.06 -7.76	60.48 3.78 -1.87	73.74 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.25 0.00	62.74 4.49 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.09 4.57 -0.56	69.72 5.08 0.00	208.77 5.45 -141.31	138.77 4.52 -87.81	199.89 5.02 -142.58	190.15 4.03 -144.71	118.54 3.32 -79.39	112.55 4.56 -52.27	97.66 6.48 0.00	73.88 4.53 0.00
NYPA_HARLEM__RVR__GT1 24160	51.39 3.24 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.70 0.00	48.16 2.68 0.00	58.26 3.43 0.00	73.28 4.93 0.00	54.97 3.63 -5.74	56.42 3.91 0.00	50.38 3.18 0.00	59.12 3.77 0.00	62.14 3.94 0.00	58.91 3.87 0.00	66.00 3.94 0.00	65.93 3.97 0.00	69.11 4.47 0.00	66.86 4.85 0.00	64.76 3.96 -14.36	64.40 4.45 -7.66	66.70 3.54 -21.75	63.97 2.96 -25.18	59.79 4.08 0.00	96.91 5.73 0.00	73.35 4.02 0.01
NYPA_HARLEM__RVR__GT2 24161	51.39 3.24 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.70 0.00	48.16 2.68 0.00	58.26 3.43 0.00	73.28 4.93 0.00	54.97 3.63 -5.74	56.42 3.91 0.00	50.38 3.18 0.00	59.12 3.77 0.00	62.14 3.94 0.00	58.91 3.87 0.00	66.00 3.94 0.00	65.93 3.97 0.00	69.11 4.47 0.00	66.86 4.85 0.00	64.76 3.96 -14.36	64.40 4.45 -7.66	66.70 3.54 -21.75	63.97 2.96 -25.18	59.79 4.08 0.00	96.91 5.73 0.00	73.35 4.02 0.01
NYPA_KENT____GT 24152	61.93 3.39 -10.38	54.10 3.28 -3.05	50.99 2.79 -7.50	52.15 2.93 -5.69	53.13 2.94 -4.70	59.60 3.63 -1.13	73.52 5.17 0.00	57.61 3.87 -8.14	57.70 4.25 -0.93	55.11 3.51 -4.40	59.47 4.13 0.00	62.53 4.31 -0.03	59.51 4.27 -0.19	66.39 4.32 0.00	66.71 4.41 -0.34	69.52 4.89 0.00	152.87 5.26 -85.60	109.67 4.38 -58.85	146.54 4.86 -89.39	141.53 3.89 -96.23	97.05 3.20 -58.02	91.78 4.40 -31.66	97.42 6.24 0.00	73.72 4.38 0.00
NYPA_POUCH1____GT 24155	68.79 3.49 -17.14	56.14 3.33 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.30 3.05 -7.76	60.39 3.69 -1.87	73.60 5.25 0.00	59.27 3.97 -9.69	58.31 4.25 -1.54	58.02 3.56 -7.27	59.38 4.04 0.00	62.56 4.31 -0.05	59.67 4.31 -0.32	66.27 4.21 0.00	66.90 4.37 -0.56	69.51 4.87 0.00	208.58 5.26 -141.31	138.66 4.41 -87.81	199.77 4.90 -142.58	190.07 3.95 -144.71	118.46 3.24 -79.39	112.41 4.43 -52.27	97.40 6.22 0.00	73.67 4.33 0.00
NYPA_VERNON____GT2 24162	55.03 3.25 -3.63	51.99 3.15 -1.07	46.00 2.67 -2.62	48.32 2.80 -1.99	49.95 2.82 -1.64	58.73 3.50 -0.40	73.37 5.02 0.00	55.95 3.76 -6.58	56.99 4.16 -0.33	52.13 3.40 -1.54	59.40 4.06 0.00	62.41 4.20 -0.01	59.24 4.13 -0.07	66.31 4.25 0.00	66.37 4.29 -0.12	69.40 4.76 0.00	97.04 5.15 -29.89	80.62 4.29 -29.90	93.24 4.75 -36.20	92.95 3.78 -47.76	75.59 3.11 -36.65	71.04 4.27 -11.06	97.27 6.09 0.00	73.62 4.28 0.00
NYPA_VERNON____GT3 24163	55.03 3.25 -3.63	51.99 3.15 -1.07	46.00 2.67 -2.62	48.32 2.80 -1.99	49.95 2.82 -1.64	58.73 3.50 -0.40	73.37 5.02 0.00	55.95 3.76 -6.58	56.99 4.16 -0.33	52.13 3.40 -1.54	59.40 4.06 0.00	62.41 4.20 -0.01	59.24 4.13 -0.07	66.31 4.25 0.00	66.37 4.29 -0.12	69.40 4.76 0.00	97.04 5.15 -29.89	80.62 4.29 -29.90	93.24 4.75 -36.20	92.95 3.78 -47.76	75.59 3.11 -36.65	71.04 4.27 -11.06	97.27 6.09 0.00	73.62 4.28 0.00
NYPA__ASTORIA_CC1 323568	51.33 3.18 0.00	50.87 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.23 3.40 0.00	73.26 4.91 0.00	55.02 3.68 -5.74	56.57 4.06 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.18 4.12 0.00	66.12 4.16 0.00	69.29 4.65 0.00	67.05 5.04 0.00	65.00 4.20 -14.36	64.61 4.66 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.90 4.19 0.00	97.12 5.94 0.00	73.53 4.18 0.00
NYPA__ASTORIA_CC2 323569	51.33 3.18 0.00	50.87 3.09 0.00	43.33 2.62 0.00	46.26 2.73 0.00	48.22 2.74 0.00	58.23 3.40 0.00	73.26 4.91 0.00	55.02 3.68 -5.74	56.57 4.06 0.00	50.52 3.33 0.00	59.29 3.95 0.00	62.29 4.09 0.00	59.07 4.02 0.00	66.18 4.12 0.00	66.12 4.16 0.00	69.29 4.65 0.00	67.05 5.04 0.00	65.00 4.20 -14.36	64.61 4.66 -7.66	66.87 3.71 -21.75	64.06 3.05 -25.18	59.90 4.19 0.00	97.12 5.94 0.00	73.53 4.18 0.00
NYPA__HOLTSVILL 23794	56.03 4.28 -3.60	51.77 4.00 0.00	44.00 3.29 0.00	47.04 3.51 0.00	49.03 3.54 0.00	59.45 4.61 0.00	74.65 6.30 0.00	55.97 4.62 -5.74	57.61 5.10 0.00	51.15 3.95 0.00	59.95 4.60 0.00	63.01 4.80 0.00	59.49 4.45 0.00	67.10 5.04 0.00	67.12 5.17 0.00	70.68 6.04 0.00	68.19 6.18 0.00	65.61 4.81 -14.37	65.34 5.38 -7.66	72.20 4.81 -25.98	65.11 4.09 -25.19	61.52 5.81 0.00	99.48 8.30 0.00	75.29 5.95 0.00
NYPA__HELLGATE_GT1 24158	51.39 3.24 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.70 0.00	48.16 2.68 0.00	58.26 3.43 0.00	73.28 4.93 0.00	54.97 3.63 -5.74	56.42 3.91 0.00	50.38 3.18 0.00	59.12 3.77 0.00	62.14 3.94 0.00	58.91 3.87 0.00	66.00 3.94 0.00	65.93 3.97 0.00	69.11 4.47 0.00	66.88 4.87 0.00	64.79 3.99 -14.36	64.43 4.48 -7.66	66.74 3.58 -21.75	63.98 2.97 -25.18	59.79 4.08 0.00	96.91 5.73 0.00	73.36 4.02 0.00
NYPA__HELLGATE_GT2 24159	51.39 3.24 0.00	50.88 3.11 0.00	43.31 2.60 0.00	46.23 2.70 0.00	48.16 2.68 0.00	58.26 3.43 0.00	73.28 4.93 0.00	54.97 3.63 -5.74	56.42 3.91 0.00	50.38 3.18 0.00	59.12 3.77 0.00	62.14 3.94 0.00	58.91 3.87 0.00	66.00 3.94 0.00	65.93 3.97 0.00	69.11 4.47 0.00	66.88 4.87 0.00	64.79 3.99 -14.36	64.43 4.48 -7.66	66.74 3.58 -21.75	63.98 2.97 -25.18	59.79 4.08 0.00	96.91 5.73 0.00	73.36 4.02 0.00
NYS_BARGE__HYD 23848	42.20 -5.07 0.88	42.58 -5.20 0.00	36.27 -4.45 0.00	39.01 -4.52 0.00	40.79 -4.70 0.00	49.10 -5.73 0.00	60.50 -7.85 0.00	41.03 -5.45 -0.88	46.01 -6.50 0.00	41.60 -5.59 0.00	49.21 -6.13 0.00	51.46 -6.74 0.00	48.36 -6.44 0.24	51.14 -6.65 4.27	51.97 -6.32 3.67	54.14 -6.77 3.73	46.31 -6.72 8.97	33.04 -4.95 8.44	35.74 -5.80 10.76	28.94 -4.70 7.76	25.33 -4.07 6.43	38.77 -6.83 10.11	61.18 -9.79 20.20	46.07 -7.11 16.15

OAK ORCHARD___HYD 24046	45.17 -2.98 0.00	44.71 -3.06 0.00	38.09 -2.62 0.00	40.85 -2.68 0.00	42.72 -2.76 0.00	51.49 -3.34 0.00	64.01 -4.34 0.00	43.39 -2.95 -0.72	49.00 -3.51 0.00	44.19 -3.01 0.00	52.14 -3.21 0.00	54.63 -3.57 0.00	51.59 -3.45 0.00	58.30 -3.76 -0.01	58.44 -3.52 0.00	60.91 -3.73 0.00	58.35 -3.66 0.00	44.44 -2.56 -0.56	49.33 -3.03 -0.08	40.87 -2.49 -1.96	36.87 -2.22 -3.25	51.89 -3.82 -0.01	85.54 -5.68 -0.03	65.13 -4.25 -0.04
OAKDALE___35_KV_LOAD 356122	47.20 -0.95 0.00	46.80 -0.97 0.00	39.91 -0.80 0.00	42.70 -0.83 0.00	44.68 -0.81 0.00	53.99 -0.84 0.00	67.61 -0.74 0.00	47.07 -0.43 -1.89	51.94 -0.57 0.00	46.61 -0.59 0.00	54.84 -0.50 0.00	57.66 -0.54 0.00	54.54 -0.50 0.00	61.48 -0.58 0.00	61.35 -0.61 0.00	64.02 -0.62 0.00	61.47 -0.54 0.00	51.54 -0.22 -5.32	54.98 -0.24 -2.93	48.75 -0.25 -7.60	43.88 -0.34 -8.39	54.87 -0.84 0.00	90.00 -1.19 0.00	68.31 -1.03 0.00
OCC_CHEM___DRP 24175	41.34 -5.83 0.98	41.83 -5.95 0.00	35.64 -5.07 0.00	38.34 -5.19 0.00	40.05 -5.44 0.00	48.12 -6.71 0.00	59.18 -9.18 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.62 0.00	48.04 -7.30 0.00	50.25 -7.95 0.00	47.27 -7.51 0.26	49.35 -7.97 4.74	50.26 -7.70 4.00	52.30 -8.25 4.08	43.84 -8.39 9.78	30.86 -5.98 9.59	33.43 -6.98 11.88	26.88 -5.61 8.93	23.55 -4.78 7.49	36.37 -8.32 11.02	56.85 -12.00 22.32	42.63 -8.69 18.02
OH_GEN_PROXY 24063	41.91 -5.41 0.82	42.27 -5.50 0.00	36.03 -4.68 0.00	38.74 -4.80 0.00	40.48 -5.01 0.00	48.63 -6.20 0.00	78.41 -8.36 -18.41	33.14 -5.82 6.65	45.60 -6.91 0.00	41.22 -5.98 0.00	48.77 -6.57 0.00	51.05 -7.15 0.00	48.05 -6.77 0.23	50.76 -7.33 3.97	51.53 -7.04 3.38	53.56 -7.63 3.46	46.08 -7.66 8.27	32.99 -5.60 7.84	35.88 -6.52 9.89	29.06 -5.24 7.11	25.47 -4.54 5.81	38.90 -7.48 9.32	61.25 -10.97 18.96	45.99 -8.00 15.35
OLIN_CORP_DRP 24177	41.39 -5.80 0.96	41.86 -5.91 0.00	35.65 -5.06 0.00	38.35 -5.18 0.00	40.08 -5.40 0.00	48.22 -6.62 0.00	59.30 -9.05 0.00	40.20 -6.33 -0.91	45.00 -7.50 0.00	40.71 -6.49 0.00	48.18 -7.17 0.00	50.39 -7.81 0.00	47.40 -7.38 0.26	49.58 -7.79 4.69	50.43 -7.47 4.05	52.51 -8.02 4.10	44.07 -8.03 9.91	31.19 -5.90 9.34	33.50 -6.87 11.91	27.22 -5.52 8.67	23.90 -4.68 7.25	36.47 -8.07 11.17	57.39 -11.63 22.15	43.36 -8.35 17.63
OLIN_CORP_DSASP 323712	41.33 -5.84 0.98	41.82 -5.95 0.00	35.64 -5.07 0.00	38.33 -5.20 0.00	40.05 -5.43 0.00	48.12 -6.71 0.00	59.18 -9.17 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.61 0.00	48.05 -7.29 0.00	50.25 -7.95 0.00	47.25 -7.54 0.26	49.21 -8.12 4.74	50.15 -7.81 4.00	52.16 -8.40 4.08	43.72 -8.51 9.78	30.92 -5.92 9.59	33.41 -7.00 11.88	26.93 -5.55 8.93	23.54 -4.79 7.49	36.57 -8.11 11.02	56.99 -11.87 22.32	42.84 -8.48 18.02
ONEIDA_HERK_LFGE 323681	48.09 -0.06 0.00	47.73 -0.04 0.00	40.65 -0.06 0.00	43.52 -0.02 0.00	45.45 -0.04 0.00	54.94 0.11 0.00	68.72 0.37 0.00	46.05 0.29 -0.15	52.93 0.42 0.00	47.54 0.35 0.00	55.90 0.56 0.00	58.43 0.23 0.00	55.49 0.44 0.00	62.40 0.34 0.00	62.27 0.31 0.00	65.09 0.45 0.00	62.80 0.79 0.00	47.26 0.69 -0.13	53.22 0.91 -0.02	42.57 0.69 -0.47	37.04 0.43 -0.78	56.32 0.61 0.00	92.79 1.61 0.00	70.67 1.33 0.00
ONEIDA___115KV_TB4 55905	48.85 0.70 0.00	48.50 0.73 0.00	41.33 0.62 0.00	44.21 0.68 0.00	46.26 0.78 0.00	55.96 1.13 0.00	70.11 1.75 0.00	47.29 1.35 -0.34	54.07 1.56 0.00	48.56 1.37 0.00	56.84 1.49 0.00	59.44 1.24 0.00	56.25 1.20 0.00	63.44 1.38 0.00	63.49 1.54 0.00	66.33 1.70 0.00	63.81 1.80 0.00	48.08 1.40 -0.25	53.85 1.53 -0.03	43.47 1.17 -0.89	38.23 0.90 -1.50	56.95 1.24 0.00	93.27 2.09 0.00	70.74 1.40 0.00
ONONDAGA_REF_OCCRA 23987	47.19 -0.96 0.00	46.79 -0.98 0.00	39.87 -0.84 0.00	42.66 -0.87 0.00	44.63 -0.86 0.00	53.90 -0.93 0.00	67.37 -0.98 0.00	45.66 -0.58 -0.63	51.79 -0.72 0.00	46.52 -0.67 0.00	54.66 -0.68 0.00	57.38 -0.82 0.00	54.32 -0.73 0.00	61.25 -0.81 0.00	61.15 -0.81 0.00	63.86 -0.78 0.00	61.31 -0.69 0.00	46.56 -0.36 -0.48	51.90 -0.45 -0.06	42.74 -0.38 -1.71	38.30 -0.39 -2.87	54.83 -0.88 0.00	89.76 -1.42 0.00	68.13 -1.21 0.00
ONONDAGA___COGEN 23986	47.11 -1.05 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.92 0.00	44.58 -0.91 0.00	53.82 -1.02 0.00	67.29 -1.06 0.00	45.54 -0.65 -0.58	51.69 -0.82 0.00	46.43 -0.77 0.00	54.54 -0.80 0.00	57.26 -0.94 0.00	54.20 -0.85 0.00	61.09 -0.97 0.00	61.02 -0.94 0.00	63.71 -0.93 0.00	61.19 -0.81 0.00	46.42 -0.46 -0.44	51.79 -0.55 -0.06	42.55 -0.45 -1.59	38.06 -0.44 -2.67	54.77 -0.94 0.00	89.65 -1.53 0.00	68.08 -1.26 0.00
ONTARIO___LFGE 23819	47.01 -1.86 -0.72	45.90 -1.88 0.00	39.16 -1.55 0.00	41.96 -1.57 0.00	43.99 -1.50 0.00	53.11 -1.72 0.00	66.65 -1.70 0.00	45.45 -1.00 -0.85	51.08 -1.43 0.00	45.98 -1.22 0.00	54.07 -1.28 0.00	56.66 -1.54 0.00	53.77 -1.47 -0.20	63.86 -1.68 -3.48	63.22 -1.71 -2.98	65.81 -1.87 -3.04	67.77 -1.53 -7.29	56.62 -0.94 -11.12	62.15 -1.14 -10.99	53.00 -1.01 -12.60	47.23 -1.02 -12.42	61.93 -2.00 -8.22	104.73 -3.11 -16.65	80.16 -2.62 -13.45
ORANGEVILLE_WT_PWR 323706	38.76 -5.24 4.15	42.52 -5.25 0.00	36.24 -4.47 0.00	38.95 -4.58 0.00	41.06 -4.43 0.00	49.66 -5.17 0.00	62.17 -6.18 0.00	42.54 -4.15 -1.09	47.37 -5.14 0.00	42.81 -4.38 0.00	50.64 -4.70 0.00	52.93 -5.27 0.00	48.78 -5.13 1.14	36.14 -5.81 20.11	39.07 -5.70 17.18	41.04 -6.07 17.53	14.00 -5.99 42.02	-6.30 -4.32 48.41	-7.78 -5.15 54.92	-12.02 -4.26 49.17	-12.63 -3.82 44.64	1.86 -6.49 47.36	-13.70 -8.99 95.89	-14.75 -6.70 77.39
ORANGEVILLE___ESR 323794	38.76 -5.24 4.15	42.52 -5.25 0.00	36.24 -4.47 0.00	38.95 -4.58 0.00	41.06 -4.43 0.00	49.66 -5.17 0.00	62.17 -6.18 0.00	42.54 -4.15 -1.09	47.37 -5.14 0.00	42.81 -4.38 0.00	50.64 -4.70 0.00	52.93 -5.27 0.00	48.78 -5.13 1.14	36.14 -5.81 20.11	39.07 -5.70 17.18	41.04 -6.07 17.53	14.00 -5.99 42.02	-6.30 -4.32 48.41	-7.78 -5.15 54.92	-12.02 -4.26 49.17	-12.63 -3.82 44.64	1.86 -6.49 47.36	-13.70 -8.99 95.89	-14.75 -6.70 77.39
OSWEGATCHIE___HYD 24044	46.12 -2.03 0.00	45.82 -1.95 0.00	39.00 -1.71 0.00	41.77 -1.76 0.00	43.59 -1.90 0.00	52.40 -2.43 0.00	65.38 -2.97 0.00	43.77 -1.98 -0.14	50.37 -2.13 0.00	45.33 -1.87 0.00	52.82 -2.53 0.00	55.15 -3.05 0.00	52.32 -2.73 0.00	58.80 -3.26 0.00	58.69 -3.26 0.00	61.40 -3.24 0.00	59.48 -2.53 0.00	44.60 -1.95 -0.11	50.35 -1.95 -0.01	40.21 -1.60 -0.40	35.02 -1.49 -0.67	53.64 -2.08 0.00	88.98 -2.20 0.00	68.12 -1.22 0.00
OSWEGO___5 23606	46.36 -1.80 0.00	45.97 -1.81 0.00	39.18 -1.53 0.00	41.91 -1.62 0.00	43.82 -1.67 0.00	52.87 -1.97 0.00	65.98 -2.37 0.00	44.51 -1.52 -0.41	50.70 -1.81 0.00	45.55 -1.64 0.00	53.50 -1.84 0.00	56.19 -2.01 0.00	53.15 -1.90 0.00	59.93 -2.12 0.00	59.86 -2.10 0.00	62.49 -2.15 0.00	60.00 -2.01 0.00	45.35 -1.39 -0.31	50.73 -1.60 -0.04	41.24 -1.29 -1.12	36.55 -1.15 -1.88	53.73 -1.98 0.00	88.00 -3.18 0.00	66.86 -2.48 0.00

OSWEGO___6 23613	46.36 -1.80 0.00	45.97 -1.81 0.00	39.18 -1.53 0.00	41.91 -1.62 0.00	43.82 -1.67 0.00	52.87 -1.97 0.00	65.98 -2.37 0.00	44.51 -1.52 -0.41	50.70 -1.81 0.00	45.55 -1.64 0.00	53.50 -1.84 0.00	56.19 -2.01 0.00	53.15 -1.90 0.00	59.93 -2.12 0.00	59.86 -2.10 0.00	62.49 -2.15 0.00	60.00 -2.01 0.00	45.35 -1.39 -0.31	50.73 -1.60 -0.04	41.24 -1.29 -1.12	36.55 -1.15 -1.88	53.73 -1.98 0.00	88.00 -3.18 0.00	66.86 -2.48 0.00
OUTOKUMPU-AB___DRP 24206	42.39 -4.72 1.04	42.91 -4.86 0.00	36.56 -4.15 0.00	39.34 -4.19 0.00	41.13 -4.36 0.00	49.48 -5.35 0.00	61.06 -7.29 0.00	41.47 -5.06 -0.92	46.48 -6.03 0.00	42.02 -5.17 0.00	49.74 -5.60 0.00	52.01 -6.19 0.00	48.87 -5.90 0.28	50.78 -6.24 5.04	51.71 -5.96 4.29	53.85 -6.42 4.37	44.98 -6.54 10.48	31.44 -4.69 10.31	33.97 -5.55 12.77	27.27 -4.49 9.66	23.83 -3.84 8.16	37.05 -6.85 11.81	57.72 -9.66 23.80	43.18 -7.00 19.15
OXBOW___BTM 323836	41.94 -5.19 1.01	42.46 -5.31 0.00	36.17 -4.54 0.00	38.91 -4.62 0.00	40.66 -4.83 0.00	48.91 -5.93 0.00	60.26 -8.09 0.00	40.88 -5.64 -0.91	45.81 -6.71 0.00	41.42 -5.77 0.00	49.03 -6.31 0.00	51.28 -6.93 0.00	48.19 -6.59 0.27	50.15 -7.02 4.89	51.09 -6.72 4.14	53.16 -7.25 4.22	44.53 -7.34 10.13	31.32 -5.15 9.96	33.85 -6.11 12.33	27.22 -4.89 9.30	23.77 -4.23 7.83	37.06 -7.23 11.42	57.68 -10.42 23.08	43.26 -7.48 18.60
OXBOW____ 24026	41.95 -5.18 1.01	42.46 -5.31 0.00	36.17 -4.54 0.00	38.92 -4.61 0.00	40.67 -4.82 0.00	48.90 -5.93 0.00	60.26 -8.09 0.00	40.88 -5.64 -0.91	45.80 -6.71 0.00	41.40 -5.79 0.00	49.02 -6.32 0.00	51.27 -6.93 0.00	48.19 -6.58 0.27	50.21 -6.96 4.89	51.13 -6.68 4.14	53.21 -7.20 4.22	44.56 -7.31 10.13	31.26 -5.22 9.96	33.82 -6.13 12.33	27.17 -4.94 9.30	23.77 -4.23 7.83	36.82 -7.47 11.42	57.47 -10.63 23.08	43.05 -7.69 18.60
OXY_CHEM_DSASP 323612	41.34 -5.83 0.98	41.83 -5.95 0.00	35.64 -5.07 0.00	38.34 -5.19 0.00	40.05 -5.44 0.00	48.12 -6.71 0.00	59.18 -9.18 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.62 0.00	48.04 -7.30 0.00	50.25 -7.95 0.00	47.27 -7.51 0.26	49.35 -7.97 4.74	50.26 -7.70 4.00	52.30 -8.25 4.08	43.84 -8.39 9.78	30.86 -5.98 9.59	33.43 -6.98 11.88	26.88 -5.61 8.93	23.55 -4.78 7.49	36.37 -8.32 11.02	56.85 -12.00 22.32	42.63 -8.69 18.02
OZONE_PARK_ESR 323760	51.65 3.50 0.00	51.13 3.36 0.00	43.56 2.85 0.00	46.50 2.97 0.00	48.51 3.03 0.00	58.65 3.82 0.00	73.85 5.50 0.00	55.43 4.08 -5.74	57.08 4.57 0.00	50.91 3.71 0.00	59.75 4.41 0.00	62.74 4.54 0.00	59.48 4.43 0.00	66.70 4.64 0.00	66.62 4.66 0.00	69.79 5.16 0.00	67.54 5.53 0.00	65.45 4.65 -14.36	65.10 5.15 -7.66	67.25 4.09 -21.75	64.38 3.37 -25.18	60.41 4.70 0.00	97.95 6.77 0.00	74.05 4.71 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	41.34 -5.83 0.98	41.83 -5.95 0.00	35.64 -5.07 0.00	38.34 -5.19 0.00	40.05 -5.44 0.00	48.12 -6.71 0.00	59.18 -9.18 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.62 0.00	48.04 -7.30 0.00	50.25 -7.95 0.00	47.27 -7.51 0.26	49.35 -7.97 4.74	50.26 -7.70 4.00	52.30 -8.25 4.08	43.84 -8.39 9.78	30.86 -5.98 9.59	33.43 -6.98 11.88	26.88 -5.61 8.93	23.55 -4.78 7.49	36.37 -8.32 11.02	56.85 -12.00 22.32	42.63 -8.69 18.02
PACKARD___115KV_DUPONT_184 80571	41.34 -5.83 0.98	41.83 -5.95 0.00	35.64 -5.07 0.00	38.34 -5.19 0.00	40.05 -5.44 0.00	48.12 -6.71 0.00	59.18 -9.18 0.00	40.08 -6.43 -0.90	44.88 -7.63 0.00	40.58 -6.62 0.00	48.04 -7.30 0.00	50.25 -7.95 0.00	47.27 -7.51 0.26	49.35 -7.97 4.74	50.26 -7.70 4.00	52.30 -8.25 4.08	43.84 -8.39 9.78	30.86 -5.98 9.59	33.43 -6.98 11.88	26.88 -5.61 8.93	23.55 -4.78 7.49	36.37 -8.32 11.02	56.85 -12.00 22.32	42.63 -8.69 18.02
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	51.40 3.25 0.00	50.89 3.11 0.00	43.29 2.58 0.00	46.22 2.69 0.00	48.16 2.68 0.00	58.28 3.45 0.00	73.26 4.91 0.00	54.99 3.65 -5.74	56.50 3.98 0.00	50.45 3.26 0.00	59.20 3.85 0.00	62.22 4.02 0.00	58.99 3.94 0.00	66.09 4.03 0.00	66.02 4.06 0.00	69.18 4.54 0.00	66.95 4.94 0.00	64.88 4.08 -14.36	64.52 4.57 -7.66	66.81 3.65 -21.75	64.03 3.01 -25.18	59.91 4.20 0.00	97.08 5.90 0.00	73.57 4.23 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	51.46 3.31 0.00	50.90 3.13 0.00	43.29 2.58 0.00	46.22 2.69 0.00	48.16 2.68 0.00	58.38 3.55 0.00	73.45 5.10 0.00	55.17 3.83 -5.74	56.67 4.16 0.00	50.53 3.33 0.00	59.29 3.95 0.00	62.24 4.04 0.00	59.10 4.05 0.00	66.11 4.05 0.00	66.06 4.11 0.00	69.39 4.75 0.00	67.20 5.19 0.00	65.09 4.29 -14.36	64.70 4.75 -7.66	66.98 3.82 -21.75	64.05 3.04 -25.18	60.03 4.32 0.00	97.19 6.01 0.00	73.66 4.32 0.00
PATROON___115KV_TB1 80586	50.25 2.10 0.00	49.77 2.00 0.00	42.42 1.72 0.00	45.34 1.81 0.00	47.40 1.91 0.00	57.14 2.31 0.00	71.43 3.07 0.00	55.38 2.21 -7.56	54.98 2.47 0.00	49.14 1.95 0.00	57.72 2.38 0.00	60.68 2.48 0.00	57.46 2.41 0.00	64.64 2.58 0.00	64.54 2.58 0.00	67.62 2.99 0.00	65.08 3.07 0.00	86.54 2.49 -37.61	78.26 2.77 -23.20	84.62 2.20 -41.02	70.95 1.86 -33.26	58.47 2.76 0.00	94.97 3.79 0.00	72.06 2.72 0.00
PATTRSNVILLE___SOLAR 323815	49.85 1.70 0.00	49.40 1.62 0.00	42.10 1.38 0.00	45.01 1.48 0.00	47.03 1.55 0.00	56.75 1.92 0.00	70.99 2.64 0.00	55.41 1.88 -7.92	54.55 2.04 0.00	48.80 1.61 0.00	57.27 1.92 0.00	60.17 1.97 0.00	56.93 1.88 0.00	64.17 2.11 0.00	64.10 2.15 0.00	67.15 2.51 0.00	64.70 2.69 0.00	100.44 2.19 -51.81	87.75 2.45 -33.02	94.49 1.90 -51.18	72.31 1.59 -34.89	57.98 2.27 0.00	94.62 3.44 0.00	71.83 2.49 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	43.53 -3.54 1.08	44.10 -3.67 0.00	37.57 -3.14 0.00	40.41 -3.13 0.00	42.33 -3.15 0.00	50.89 -3.94 0.00	63.07 -5.29 0.00	42.96 -3.65 -1.01	48.13 -4.38 0.00	43.49 -3.70 0.00	51.51 -3.84 0.00	53.93 -4.27 0.00	50.71 -4.05 0.29	52.69 -4.16 5.21	53.34 -4.17 4.44	55.44 -4.68 4.52	46.28 -4.86 10.86	32.37 -3.56 10.51	34.92 -4.23 13.14	28.19 -3.44 9.77	24.60 -3.03 8.20	38.08 -5.39 12.25	59.20 -7.33 24.65	44.12 -5.40 19.82
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	51.70 3.55 0.00	51.18 3.41 0.00	43.61 2.90 0.00	46.59 3.06 0.00	48.63 3.14 0.00	58.82 3.98 0.00	74.00 5.65 0.00	55.56 4.12 -5.83	57.07 4.56 0.00	50.92 3.73 0.00	59.91 4.57 0.00	62.89 4.69 0.00	59.58 4.54 0.00	66.87 4.81 0.00	66.78 4.82 0.00	69.98 5.34 0.00	67.69 5.68 0.00	65.79 4.72 -14.64	65.36 5.24 -7.83	67.62 4.17 -22.04	64.68 3.44 -25.41	60.56 4.85 0.00	98.26 7.08 0.00	74.31 4.97 0.00
PEEKSKILL____ 23653	50.93 2.77 0.00	50.42 2.65 0.00	42.97 2.26 0.00	45.90 2.37 0.00	47.91 2.42 0.00	57.91 3.08 0.00	72.80 4.45 0.00	54.50 3.28 -5.62	56.07 3.56 0.00	50.03 2.83 0.00	58.79 3.45 0.00	61.72 3.52 0.00	58.47 3.42 0.00	65.67 3.61 0.00	65.58 3.62 0.00	68.72 4.08 0.00	66.44 4.43 0.00	64.42 3.77 -14.22	64.07 4.19 -7.58	66.29 3.35 -21.53	63.52 2.77 -24.92	59.48 3.77 0.00	96.59 5.41 0.00	73.10 3.76 0.00

PGE MADISON___WINDPWR 24146	48.56 0.41 0.00	48.17 0.40 0.00	41.10 0.39 0.00	43.97 0.43 0.00	46.08 0.60 0.00	56.07 1.24 0.00	71.05 2.70 0.00	51.98 4.13 -2.24	58.11 5.60 0.00	51.45 4.26 0.00	60.96 5.62 0.00	63.98 5.78 0.00	59.88 4.83 0.00	67.53 5.47 0.00	67.16 5.20 0.00	71.11 6.47 0.00	67.02 5.01 0.00	56.49 3.97 -6.08	59.57 3.78 -3.49	52.00 2.63 -7.95	45.95 2.04 -8.09	57.71 2.00 0.00	94.91 3.73 0.00	71.49 2.15 0.00
PIERCEFIELD___HYD 23852	47.14 -1.01 0.00	46.84 -0.93 0.00	39.84 -0.87 0.00	42.66 -0.88 0.00	44.54 -0.95 0.00	53.23 -1.61 0.00	66.02 -2.33 0.00	43.88 -1.72 0.00	50.72 -1.79 0.00	45.74 -1.46 0.00	53.16 -2.18 0.00	55.79 -2.41 0.00	52.69 -2.35 0.00	59.42 -2.64 0.00	59.40 -2.56 0.00	62.02 -2.62 0.00	59.72 -2.29 0.00	44.44 -1.99 0.00	50.16 -2.13 0.00	39.68 -1.73 0.00	34.38 -1.45 0.00	53.87 -1.84 0.00	88.92 -2.27 0.00	68.05 -1.29 0.00
PINELAWN_CC_1 323563	56.20 4.28 -3.78	51.76 3.99 0.00	44.00 3.29 0.00	47.03 3.50 0.00	48.99 3.50 0.00	59.36 4.53 0.00	74.57 6.22 0.00	55.92 4.57 -5.74	57.58 5.06 0.00	51.15 3.95 0.00	59.92 4.57 0.00	62.97 4.77 0.00	59.48 4.43 0.00	67.02 4.96 0.00	66.65 4.69 0.00	70.00 5.36 0.00	67.45 5.44 0.00	65.04 4.24 -14.37	64.68 4.73 -7.66	72.02 4.19 -26.42	64.72 3.70 -25.19	61.30 5.59 0.00	99.19 8.01 0.00	75.10 5.76 0.00
PJM_GEN_HTP_PROXY 323702	51.16 3.00 0.00	50.65 2.88 0.00	43.16 2.45 0.00	46.10 2.56 0.00	48.08 2.59 0.00	58.12 3.29 0.00	73.13 4.78 0.00	54.90 3.56 -5.74	56.44 3.93 0.00	50.37 3.17 0.00	59.15 3.80 0.00	62.11 3.90 0.00	58.87 3.82 0.00	66.03 3.97 0.00	63.49 3.98 2.45	69.75 4.44 -0.67	67.45 4.79 -0.65	64.84 4.04 -14.36	64.43 4.48 -7.66	66.73 3.57 -21.75	63.94 2.93 -25.18	59.71 4.00 0.00	96.91 5.73 0.00	73.30 3.96 0.00
PJM_GEN_KEystone 24065	19.72 -0.65 27.78	16.48 -0.70 30.58	17.50 -0.58 22.63	30.85 -0.58 12.10	21.73 -0.60 23.16	28.56 -0.65 25.62	33.82 -0.56 33.97	21.70 -0.30 23.61	49.78 -0.57 2.16	26.79 -0.65 19.76	27.37 -0.51 27.46	22.38 -0.57 35.25	28.07 -0.44 26.54	32.20 -0.51 29.34	31.65 -0.52 29.79	28.87 -0.56 35.21	37.94 -0.38 23.69	51.07 0.03 -4.61	49.09 -0.01 3.19	51.64 -0.05 -10.28	41.37 -0.17 -5.72	12.51 -0.72 42.48	43.06 -1.01 47.12	-6.37 -0.88 74.83
PJM_GEN_NEPTUNE_PROXY 323594	55.22 3.58 -3.48	51.13 3.36 0.00	43.48 2.77 0.00	46.48 2.95 0.00	48.43 2.95 0.00	58.65 3.82 0.00	73.66 5.31 0.00	55.26 3.91 -5.74	56.83 4.32 0.00	50.55 3.36 0.00	59.30 3.96 0.00	62.36 4.16 0.00	58.95 3.91 0.00	66.35 4.29 0.00	63.87 4.36 2.45	70.28 4.97 -0.67	67.83 5.17 -0.65	65.00 4.20 -14.37	64.63 3.97 -7.66	71.08 3.97 -25.69	64.38 3.36 -25.19	60.43 4.72 0.00	97.75 6.57 0.00	74.11 4.77 0.00
PJM_GEN_VFT_PROXY 323633	50.82 2.67 0.00	50.33 2.56 0.00	42.88 2.17 0.00	45.81 2.28 0.00	47.80 2.31 0.00	57.76 2.93 0.00	72.69 4.34 0.00	54.62 3.27 -5.74	56.12 3.61 0.00	50.05 2.86 0.00	58.76 3.42 0.00	61.69 3.49 0.00	58.52 3.48 0.00	65.60 3.54 0.00	63.06 3.55 2.45	69.31 4.00 -0.67	67.06 4.40 -0.65	64.58 3.78 -14.36	64.11 4.16 -7.66	66.45 3.29 -21.75	63.46 2.68 -24.96	58.67 3.60 0.64	96.25 5.07 0.00	72.82 3.48 0.00
PLATSBURG_115KV_PMLD1 355749	47.92 -0.23 0.00	47.58 -0.19 0.00	40.42 -0.29 0.00	43.27 -0.27 0.00	45.18 -0.31 0.00	54.15 -0.68 0.00	67.03 -1.32 0.00	44.62 -0.99 0.00	51.59 -0.92 0.00	46.37 -0.82 0.00	54.25 -1.09 0.00	57.15 -1.05 0.00	53.72 -1.33 0.00	60.85 -1.21 0.00	60.95 -1.01 0.00	64.33 -0.31 0.00	62.07 0.06 0.00	46.20 -0.23 0.00	51.93 -0.37 0.00	40.92 -0.49 0.00	35.33 -0.50 0.00	55.20 -0.51 0.00	90.77 -0.42 0.00	69.74 0.41 0.00
PLEASANTVLY___LBMP 24000	50.92 2.76 0.00	50.43 2.65 0.00	42.96 2.25 0.00	45.89 2.36 0.00	47.90 2.42 0.00	57.88 3.05 0.00	72.71 4.35 0.00	54.93 3.21 -6.12	56.02 3.51 0.00	49.99 2.79 0.00	58.84 3.50 0.00	61.79 3.59 0.00	58.54 3.50 0.00	65.65 3.59 0.00	65.52 3.56 0.00	68.65 4.02 0.00	66.33 4.32 0.00	65.09 3.65 -15.00	64.35 4.06 -8.00	67.39 3.24 -22.74	64.86 2.67 -26.35	59.42 3.72 0.00	96.50 5.32 0.00	73.05 3.71 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.22 3.07 0.00	50.71 2.94 0.00	43.20 2.49 0.00	46.15 2.62 0.00	48.16 2.68 0.00	58.21 3.38 0.00	73.17 4.81 0.00	54.97 3.53 -5.84	56.39 3.88 0.00	50.31 3.11 0.00	59.15 3.81 0.00	62.10 3.90 0.00	58.84 3.79 0.00	65.97 3.91 0.00	65.86 3.91 0.00	69.03 4.39 0.00	66.74 4.73 0.00	64.88 3.99 -14.46	64.44 4.44 -7.71	66.83 3.52 -21.89	64.10 2.92 -25.35	59.76 4.05 0.00	96.98 5.80 0.00	73.38 4.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.22 3.07 0.00	50.71 2.94 0.00	43.20 2.49 0.00	46.15 2.62 0.00	48.16 2.68 0.00	58.21 3.38 0.00	73.17 4.81 0.00	54.97 3.53 -5.84	56.39 3.88 0.00	50.31 3.11 0.00	59.15 3.81 0.00	62.10 3.90 0.00	58.84 3.79 0.00	65.97 3.91 0.00	65.86 3.91 0.00	69.03 4.39 0.00	66.74 4.73 0.00	64.88 3.99 -14.46	64.44 4.44 -7.71	66.83 3.52 -21.89	64.10 2.92 -25.35	59.76 4.05 0.00	96.98 5.80 0.00	73.38 4.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.55 3.40 0.00	51.03 3.26 0.00	43.48 2.77 0.00	46.45 2.92 0.00	48.49 3.01 0.00	58.63 3.80 0.00	73.71 5.36 0.00	55.35 3.91 -5.83	56.86 4.35 0.00	50.70 3.51 0.00	59.67 4.33 0.00	62.71 4.50 0.00	59.41 4.36 0.00	66.61 4.55 0.00	66.44 4.48 0.00	69.65 5.01 0.00	67.32 5.31 0.00	66.00 4.42 -15.14	65.38 4.94 -8.15	67.86 3.91 -22.55	64.83 3.24 -25.76	60.27 4.55 0.00	97.79 6.61 0.00	74.01 4.67 0.00
POLETTI___ 23519	51.04 2.89 0.00	50.54 2.76 0.00	43.08 2.38 0.00	46.01 2.48 0.00	47.99 2.50 0.00	57.98 3.15 0.00	72.97 4.61 0.00	54.81 3.47 -5.74	56.41 3.90 0.00	50.31 3.11 0.00	58.98 3.63 0.00	61.91 3.70 0.00	58.74 3.69 0.00	65.82 3.76 0.00	65.73 3.78 0.00	68.85 4.21 0.00	66.61 4.60 0.00	64.72 3.92 -14.36	64.29 4.34 -7.66	66.62 3.46 -21.75	63.83 2.82 -25.18	59.56 3.85 0.00	96.54 5.36 0.00	73.04 3.70 0.00
POMONA___ESR 323819	50.80 2.65 0.00	50.32 2.54 0.00	42.88 2.17 0.00	45.81 2.28 0.00	47.81 2.33 0.00	57.82 2.99 0.00	72.66 4.31 0.00	54.10 3.14 -5.35	55.87 3.36 0.00	49.86 2.66 0.00	58.56 3.22 0.00	61.49 3.29 0.00	58.25 3.21 0.00	65.47 3.41 0.00	65.38 3.42 0.00	68.53 3.89 0.00	66.25 4.25 0.00	63.95 3.66 -13.86	63.73 4.05 -7.39	65.62 3.24 -20.97	62.78 2.68 -24.27	59.33 3.62 0.00	96.41 5.23 0.00	72.96 3.62 0.00
PORT_JEFF_3 23555	56.23 4.48 -3.60	51.96 4.19 0.00	44.15 3.44 0.00	47.21 3.68 0.00	49.20 3.71 0.00	59.67 4.84 0.00	74.97 6.62 0.00	56.19 4.84 -5.74	57.87 5.36 0.00	51.36 4.16 0.00	60.18 4.84 0.00	63.25 5.05 0.00	59.71 4.67 0.00	67.36 5.30 0.00	67.41 5.45 0.00	70.99 6.35 0.00	68.48 6.47 0.00	65.71 4.91 -14.37	65.45 5.50 -7.66	72.43 5.04 -25.99	65.31 4.29 -25.19	61.81 6.10 0.00	99.96 8.77 0.00	75.61 6.27 0.00

PORT_JEFF_4 23616	56.23 4.48 -3.60	51.96 4.19 0.00	44.15 3.44 0.00	47.21 3.68 0.00	49.20 3.71 0.00	59.67 4.84 0.00	74.97 6.62 0.00	56.19 4.84 -5.74	57.87 5.36 0.00	51.36 4.16 0.00	60.18 4.84 0.00	63.25 5.05 0.00	59.71 4.67 0.00	67.36 5.30 0.00	67.41 5.45 0.00	70.99 6.35 0.00	68.48 6.47 0.00	65.71 4.91 -14.37	65.45 5.50 -7.66	72.43 5.04 -25.99	65.31 4.29 -25.19	61.81 6.10 0.00	99.96 8.77 0.00	75.61 6.27 0.00
PORT_JEFF_IC 23713	56.27 4.51 -3.61	51.97 4.20 0.00	44.18 3.47 0.00	47.22 3.69 0.00	49.22 3.74 0.00	59.70 4.87 0.00	75.05 6.69 0.00	56.23 4.88 -5.74	57.92 5.41 0.00	51.40 4.20 0.00	60.22 4.88 0.00	63.30 5.09 0.00	59.75 4.70 0.00	67.42 5.35 0.00	67.46 5.50 0.00	71.05 6.41 0.00	68.53 6.52 0.00	65.61 4.81 -14.37	65.35 5.40 -7.66	72.51 5.10 -26.00	65.36 4.34 -25.19	61.91 6.20 0.00	100.07 8.89 0.00	75.70 6.36 0.00
PPL_PILGRIM_ST_GT1 24216	56.46 4.68 -3.63	52.15 4.38 0.00	44.31 3.60 0.00	47.38 3.85 0.00	49.37 3.88 0.00	59.87 5.04 0.00	75.26 6.91 0.00	56.36 5.01 -5.74	58.04 5.53 0.00	51.55 4.35 0.00	60.41 5.07 0.00	63.51 5.31 0.00	59.96 4.91 0.00	67.61 5.56 0.00	67.67 5.72 0.00	71.22 6.58 0.00	68.76 6.76 0.00	65.98 5.17 -14.37	65.64 5.68 -7.66	72.57 5.11 -26.06	65.36 4.34 -25.19	61.89 6.18 0.00	100.13 8.95 0.00	75.81 6.47 0.00
PPL_PILGRIM_ST_GT2 24217	56.46 4.68 -3.63	52.15 4.38 0.00	44.31 3.60 0.00	47.38 3.85 0.00	49.37 3.88 0.00	59.87 5.04 0.00	75.26 6.91 0.00	56.36 5.01 -5.74	58.04 5.53 0.00	51.55 4.35 0.00	60.41 5.07 0.00	63.51 5.31 0.00	59.96 4.91 0.00	67.61 5.56 0.00	67.67 5.72 0.00	71.22 6.58 0.00	68.76 6.76 0.00	65.98 5.17 -14.37	65.64 5.68 -7.66	72.57 5.11 -26.06	65.36 4.34 -25.19	61.89 6.18 0.00	100.13 8.95 0.00	75.81 6.47 0.00
PPL_SHRM_GT3 24213	56.49 4.74 -3.60	52.18 4.41 0.00	44.34 3.63 0.00	47.41 3.88 0.00	49.43 3.95 0.00	60.03 5.20 0.00	75.40 7.05 0.00	56.50 5.15 -5.74	58.17 5.66 0.00	51.55 4.35 0.00	60.35 5.01 0.00	63.41 5.21 0.00	59.83 4.78 0.00	67.59 5.53 0.00	67.55 5.60 0.00	71.21 6.57 0.00	68.53 6.52 0.00	65.93 5.13 -14.37	65.70 5.75 -7.66	72.75 5.35 -25.99	65.60 4.58 -25.19	62.26 6.54 0.00	100.70 9.52 0.00	76.05 6.72 0.00
PPL_SHRM_GT4 24214	56.49 4.74 -3.60	52.18 4.41 0.00	44.34 3.63 0.00	47.41 3.88 0.00	49.43 3.95 0.00	60.03 5.20 0.00	75.40 7.05 0.00	56.50 5.15 -5.74	58.17 5.66 0.00	51.55 4.35 0.00	60.35 5.01 0.00	63.41 5.21 0.00	59.83 4.78 0.00	67.59 5.53 0.00	67.55 5.60 0.00	71.21 6.57 0.00	68.53 6.52 0.00	65.93 5.13 -14.37	65.70 5.75 -7.66	72.75 5.35 -25.99	65.60 4.58 -25.19	62.26 6.54 0.00	100.70 9.52 0.00	76.05 6.72 0.00
PROJECT___ORANGE 1 24174	46.88 -1.27 0.00	46.47 -1.30 0.00	39.62 -1.09 0.00	42.37 -1.16 0.00	44.32 -1.17 0.00	53.51 -1.32 0.00	66.83 -1.53 0.00	45.20 -0.93 -0.52	51.37 -1.14 0.00	46.16 -1.04 0.00	54.24 -1.10 0.00	56.94 -1.27 0.00	53.93 -1.12 0.00	60.81 -1.25 0.00	60.71 -1.25 0.00	63.38 -1.26 0.00	60.85 -1.16 0.00	46.10 -0.73 -0.39	51.46 -0.88 -0.05	42.09 -0.73 -1.41	37.50 -0.68 -2.35	54.39 -1.32 0.00	89.02 -2.16 0.00	67.59 -1.75 0.00
PROJECT___ORANGE 2 24166	46.88 -1.27 0.00	46.47 -1.30 0.00	39.62 -1.09 0.00	42.37 -1.16 0.00	44.32 -1.17 0.00	53.51 -1.32 0.00	66.83 -1.53 0.00	45.20 -0.93 -0.52	51.37 -1.14 0.00	46.16 -1.04 0.00	54.24 -1.10 0.00	56.94 -1.27 0.00	53.93 -1.12 0.00	60.81 -1.25 0.00	60.71 -1.25 0.00	63.38 -1.26 0.00	60.85 -1.16 0.00	46.10 -0.73 -0.39	51.46 -0.88 -0.05	42.09 -0.73 -1.41	37.50 -0.68 -2.35	54.39 -1.32 0.00	89.02 -2.16 0.00	67.59 -1.75 0.00
PUCKETT___SOLAR 323809	47.62 -0.53 0.00	47.21 -0.56 0.00	40.26 -0.45 0.00	43.07 -0.46 0.00	45.12 -0.37 0.00	54.64 -0.19 0.00	68.64 0.29 0.00	48.18 0.56 -2.01	53.30 0.79 0.00	47.77 0.58 0.00	56.28 0.94 0.00	59.25 1.05 0.00	55.83 0.78 0.00	62.81 0.75 0.00	62.57 0.61 0.00	65.65 1.01 0.00	62.87 0.86 0.00	53.18 0.87 -5.88	56.34 0.76 -3.29	50.01 0.50 -8.10	44.73 0.24 -8.66	55.68 -0.03 0.00	91.19 0.01 0.00	69.17 -0.17 0.00
PYRITES___HYD 24023	48.45 0.30 0.00	48.15 0.38 0.00	40.95 0.24 0.00	43.84 0.31 0.00	45.81 0.32 0.00	54.79 -0.04 0.00	67.99 -0.36 0.00	45.19 -0.42 0.00	52.19 -0.32 0.00	46.91 -0.28 0.00	54.14 -1.20 0.00	56.80 -1.41 0.00	53.58 -1.46 0.00	60.40 -1.67 0.00	60.45 -1.51 0.00	63.25 -1.39 0.00	61.38 -0.63 0.00	45.67 -0.76 0.00	51.54 -0.75 0.00	40.76 -0.65 0.00	35.34 -0.49 0.00	55.38 -0.33 0.00	91.26 0.08 0.00	69.81 0.48 0.00
QUAKERRD_115KV_BK1 80622	44.66 -3.49 0.00	44.23 -3.54 0.00	37.69 -3.02 0.00	40.40 -3.13 0.00	42.25 -3.23 0.00	50.94 -3.89 0.00	63.41 -4.94 0.00	42.98 -3.32 -0.69	48.57 -3.94 0.00	43.75 -3.44 0.00	51.56 -3.79 0.00	54.06 -4.14 0.00	51.10 -3.95 0.00	57.67 -4.39 0.00	57.78 -4.18 0.00	60.23 -4.41 0.00	57.70 -4.31 0.00	43.88 -3.07 -0.52	48.74 -3.61 -0.06	40.34 -2.93 -1.86	36.38 -2.56 -3.11	51.27 -4.44 0.00	84.43 -6.75 0.00	64.23 -5.11 0.00
QUENSBRY_115KV_TB8 356137	50.52 2.37 0.00	50.00 2.22 0.00	42.63 1.92 0.00	45.60 2.07 0.00	47.71 2.23 0.00	57.59 2.75 0.00	72.29 3.94 0.00	56.07 2.74 -7.72	55.68 3.17 0.00	49.70 2.51 0.00	58.25 2.91 0.00	61.19 2.99 0.00	57.87 2.82 0.00	65.18 3.12 0.00	65.11 3.15 0.00	68.34 3.70 0.00	66.08 4.08 0.00	99.43 3.29 -49.70	87.62 3.72 -31.62	93.73 2.98 -49.34	72.32 2.50 -33.99	59.28 3.57 0.00	96.22 5.04 0.00	72.77 3.43 0.00
RAMAPO___LBMP 323565	50.60 2.45 0.00	50.12 2.35 0.00	42.72 2.01 0.00	45.64 2.11 0.00	47.64 2.15 0.00	57.60 2.77 0.00	72.37 4.02 0.00	53.86 2.94 -5.31	55.65 3.14 0.00	49.68 2.48 0.00	58.33 2.99 0.00	61.24 3.04 0.00	58.03 2.98 0.00	65.27 3.21 0.00	65.16 3.20 0.00	68.29 3.66 0.00	66.01 4.00 0.00	63.72 3.48 -13.81	63.53 3.87 -7.37	65.40 3.09 -20.90	62.56 2.55 -24.18	59.16 3.45 0.00	96.10 4.92 0.00	72.74 3.40 0.00
RANKINE____ 23646	42.49 -4.38 1.27	43.26 -4.51 0.00	36.88 -3.83 0.00	39.71 -3.82 0.00	41.59 -3.90 0.00	50.04 -4.79 0.00	61.94 -6.41 0.00	42.22 -4.37 -0.98	47.25 -5.26 0.00	42.74 -4.46 0.00	50.59 -4.75 0.00	52.90 -5.30 0.00	49.66 -5.05 0.34	50.46 -5.44 6.16	51.43 -5.28 5.25	53.50 -5.79 5.35	43.26 -5.92 12.84	29.10 -4.31 13.02	31.32 -5.12 15.84	24.82 -4.16 12.42	21.54 -3.62 10.67	34.87 -6.37 14.47	53.04 -8.95 29.19	39.29 -6.55 23.50
RAVENSWOOD_GT2_1 24244	51.20 3.05 0.00	50.69 2.92 0.00	43.20 2.49 0.00	46.13 2.59 0.00	48.13 2.64 0.00	58.15 3.32 0.00	73.17 4.81 0.00	54.94 3.59 -5.74	56.49 3.98 0.00	50.40 3.21 0.00	59.19 3.85 0.00	62.14 3.94 0.00	58.92 3.88 0.00	66.08 4.02 0.00	65.99 4.03 0.00	69.14 4.50 0.00	66.87 4.86 0.00	64.90 4.10 -14.36	64.50 4.55 -7.66	66.78 3.62 -21.75	63.98 2.97 -25.18	59.79 4.08 0.00	97.00 5.82 0.00	73.40 4.06 0.00

RAVENSWOOD_GT2_2 24245	51.20 3.05 0.00	50.69 2.92 0.00	43.20 2.49 0.00	46.13 2.59 0.00	48.13 2.64 0.00	58.15 3.32 0.00	73.17 4.81 0.00	54.94 3.59 -5.74	56.49 3.98 0.00	50.40 3.21 0.00	59.19 3.85 0.00	62.14 3.94 0.00	58.92 3.88 0.00	66.08 4.02 0.00	65.99 4.03 0.00	69.14 4.50 0.00	66.87 4.86 0.00	64.90 4.10 -14.36	64.50 4.55 -7.66	66.78 3.62 -21.75	63.98 2.97 -25.18	59.79 4.08 0.00	97.00 5.82 0.00	73.40 4.06 0.00
RAVENSWOOD_GT2_3 24246	51.22 3.07 0.00	50.72 2.95 0.00	43.21 2.50 0.00	46.15 2.62 0.00	48.14 2.66 0.00	58.17 3.34 0.00	73.20 4.85 0.00	54.97 3.63 -5.74	56.51 4.00 0.00	50.43 3.24 0.00	59.21 3.87 0.00	62.19 3.99 0.00	58.95 3.90 0.00	66.11 4.05 0.00	66.01 4.06 0.00	69.16 4.52 0.00	66.90 4.89 0.00	64.93 4.13 -14.36	64.52 4.57 -7.66	66.80 3.64 -21.75	63.99 2.98 -25.18	59.84 4.13 0.00	97.03 5.85 0.00	73.42 4.08 0.00
RAVENSWOOD_GT2_4 24247	51.22 3.07 0.00	50.72 2.95 0.00	43.21 2.50 0.00	46.15 2.62 0.00	48.14 2.66 0.00	58.17 3.34 0.00	73.20 4.85 0.00	54.97 3.63 -5.74	56.51 4.00 0.00	50.43 3.24 0.00	59.21 3.87 0.00	62.19 3.99 0.00	58.95 3.90 0.00	66.11 4.05 0.00	66.01 4.06 0.00	69.16 4.52 0.00	66.90 4.89 0.00	64.93 4.13 -14.36	64.52 4.57 -7.66	66.80 3.64 -21.75	63.99 2.98 -25.18	59.84 4.13 0.00	97.03 5.85 0.00	73.42 4.08 0.00
RAVENSWOOD_GT3_1 24248	51.20 3.05 0.00	50.69 2.92 0.00	43.20 2.49 0.00	46.13 2.60 0.00	48.13 2.64 0.00	58.15 3.32 0.00	73.18 4.83 0.00	54.94 3.59 -5.74	56.49 3.98 0.00	50.41 3.21 0.00	59.19 3.85 0.00	62.14 3.94 0.00	58.92 3.88 0.00	66.08 4.02 0.00	65.99 4.03 0.00	69.14 4.50 0.00	66.87 4.86 0.00	64.90 4.10 -14.36	64.50 4.55 -7.66	66.78 3.62 -21.75	63.98 2.97 -25.18	59.79 4.08 0.00	97.00 5.82 0.00	73.40 4.06 0.00
RAVENSWOOD_GT3_2 24249	51.20 3.05 0.00	50.69 2.92 0.00	43.20 2.49 0.00	46.13 2.60 0.00	48.13 2.64 0.00	58.15 3.32 0.00	73.18 4.83 0.00	54.94 3.59 -5.74	56.49 3.98 0.00	50.41 3.21 0.00	59.19 3.85 0.00	62.14 3.94 0.00	58.92 3.88 0.00	66.08 4.02 0.00	65.99 4.03 0.00	69.14 4.50 0.00	66.87 4.86 0.00	64.90 4.10 -14.36	64.50 4.55 -7.66	66.78 3.62 -21.75	63.98 2.97 -25.18	59.79 4.08 0.00	97.00 5.82 0.00	73.40 4.06 0.00
RAVENSWOOD_GT3_3 24250	51.27 3.12 0.00	50.76 2.99 0.00	43.25 2.54 0.00	46.20 2.66 0.00	48.19 2.70 0.00	58.23 3.40 0.00	73.28 4.92 0.00	55.02 3.68 -5.74	56.58 4.07 0.00	50.48 3.29 0.00	59.29 3.94 0.00	62.25 4.05 0.00	59.02 3.97 0.00	66.19 4.13 0.00	66.09 4.14 0.00	69.25 4.61 0.00	66.98 4.97 0.00	64.98 4.18 -14.36	64.58 4.63 -7.66	66.85 3.69 -21.75	64.04 3.03 -25.18	59.90 4.19 0.00	97.13 5.95 0.00	73.49 4.15 0.00
RAVENSWOOD_GT3_4 24251	51.27 3.12 0.00	50.76 2.99 0.00	43.25 2.54 0.00	46.20 2.66 0.00	48.19 2.70 0.00	58.23 3.40 0.00	73.28 4.92 0.00	55.02 3.68 -5.74	56.58 4.07 0.00	50.48 3.29 0.00	59.29 3.94 0.00	62.25 4.05 0.00	59.02 3.97 0.00	66.19 4.13 0.00	66.09 4.14 0.00	69.25 4.61 0.00	66.98 4.97 0.00	64.98 4.18 -14.36	64.58 4.63 -7.66	66.85 3.69 -21.75	64.04 3.03 -25.18	59.90 4.19 0.00	97.13 5.95 0.00	73.49 4.15 0.00
RAVENSWOOD_GT_1 23729	55.03 3.26 -3.63	51.98 3.15 -1.07	46.00 2.67 -2.62	48.31 2.79 -1.99	49.95 2.82 -1.64	58.72 3.49 -0.40	73.37 5.02 0.00	55.95 3.76 -6.58	56.98 4.15 -0.33	52.14 3.41 -1.54	59.40 4.06 0.00	62.42 4.21 -0.01	59.24 4.12 -0.07	66.31 4.25 0.00	66.37 4.30 -0.12	69.41 4.77 0.00	97.06 5.16 -29.89	80.62 4.29 -29.90	93.26 4.77 -36.20	92.95 3.78 -47.76	75.58 3.11 -36.65	71.08 4.31 -11.06	97.27 6.09 0.00	73.62 4.29 0.00
RAVENSWOOD_GT_10 24258	51.60 3.03 -0.42	50.80 2.91 -0.12	43.51 2.49 -0.30	46.36 2.59 -0.23	48.32 2.64 -0.19	58.20 3.32 -0.04	73.16 4.81 0.00	55.03 3.59 -5.84	56.53 3.98 -0.04	50.58 3.21 -0.18	59.19 3.85 0.00	62.14 3.94 0.00	58.93 3.87 -0.01	66.08 4.02 0.00	65.99 4.02 -0.01	69.13 4.49 0.00	70.31 4.86 -3.45	66.68 4.09 -16.16	67.79 4.55 -10.95	69.78 3.62 -24.75	65.30 2.96 -26.50	61.07 4.08 -1.28	96.99 5.81 0.00	73.39 4.05 0.00
RAVENSWOOD_GT_11 24259	51.60 3.03 -0.42	50.80 2.91 -0.12	43.51 2.49 -0.30	46.36 2.59 -0.23	48.32 2.64 -0.19	58.20 3.32 -0.04	73.16 4.81 0.00	55.03 3.59 -5.84	56.53 3.98 -0.04	50.58 3.21 -0.18	59.19 3.85 0.00	62.14 3.94 0.00	58.93 3.87 -0.01	66.08 4.02 0.00	65.99 4.02 -0.01	69.13 4.49 0.00	70.31 4.86 -3.45	66.68 4.09 -16.16	67.79 4.55 -10.95	69.78 3.62 -24.75	65.30 2.96 -26.50	61.07 4.08 -1.28	96.99 5.81 0.00	73.39 4.05 0.00
RAVENSWOOD_GT_4 24252	53.94 3.03 -2.76	51.48 2.89 -0.81	45.16 2.46 -1.99	47.62 2.58 -1.51	49.36 2.63 -1.25	58.44 3.31 -0.30	73.16 4.80 0.00	55.56 3.58 -6.37	56.72 3.96 -0.25	51.56 3.19 -1.17	59.17 3.82 0.00	62.14 3.93 -0.01	58.95 3.85 -0.05	66.07 4.01 0.00	66.05 4.00 -0.09	69.09 4.45 0.00	89.58 4.82 -22.76	76.71 4.08 -26.19	86.20 4.52 -29.39	86.56 3.60 -41.55	72.69 2.95 -33.91	68.20 4.07 -8.42	96.96 5.78 0.00	73.35 4.01 0.00
RAVENSWOOD_GT_5 24254	53.94 3.03 -2.76	51.48 2.89 -0.81	45.16 2.46 -1.99	47.62 2.58 -1.51	49.36 2.63 -1.25	58.44 3.31 -0.30	73.16 4.80 0.00	55.56 3.58 -6.37	56.72 3.96 -0.25	51.56 3.19 -1.17	59.17 3.82 0.00	62.14 3.93 -0.01	58.95 3.85 -0.05	66.07 4.01 0.00	66.05 4.00 -0.09	69.09 4.45 0.00	89.58 4.82 -22.76	76.71 4.08 -26.19	86.20 4.52 -29.39	86.56 3.60 -41.55	72.69 2.95 -33.91	68.20 4.07 -8.42	96.96 5.78 0.00	73.35 4.01 0.00
RAVENSWOOD_GT_6 24253	53.94 3.03 -2.76	51.48 2.89 -0.81	45.16 2.46 -1.99	47.62 2.58 -1.51	49.36 2.63 -1.25	58.44 3.31 -0.30	73.16 4.80 0.00	55.56 3.58 -6.37	56.72 3.96 -0.25	51.56 3.19 -1.17	59.17 3.82 0.00	62.14 3.93 -0.01	58.95 3.85 -0.05	66.07 4.01 0.00	66.05 4.00 -0.09	69.09 4.45 0.00	89.58 4.82 -22.76	76.71 4.08 -26.19	86.20 4.52 -29.39	86.56 3.60 -41.55	72.69 2.95 -33.91	68.20 4.07 -8.42	96.96 5.78 0.00	73.35 4.01 0.00
RAVENSWOOD_GT_7 24255	53.94 3.03 -2.76	51.48 2.89 -0.81	45.16 2.46 -1.99	47.62 2.58 -1.51	49.36 2.63 -1.25	58.44 3.31 -0.30	73.16 4.80 0.00	55.56 3.58 -6.37	56.72 3.96 -0.25	51.56 3.19 -1.17	59.17 3.82 0.00	62.14 3.93 -0.01	58.95 3.85 -0.05	66.07 4.01 0.00	66.05 4.00 -0.09	69.09 4.45 0.00	89.58 4.82 -22.76	76.71 4.08 -26.19	86.20 4.52 -29.39	86.56 3.60 -41.55	72.69 2.95 -33.91	68.20 4.07 -8.42	96.96 5.78 0.00	73.35 4.01 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.60 3.03 -0.42	50.80 2.91 -0.12	43.51 2.49 -0.30	46.36 2.59 -0.23	48.32 2.64 -0.19	58.20 3.32 -0.04	73.16 4.81 0.00	55.03 3.59 -5.84	56.53 3.98 -0.04	50.58 3.21 -0.18	59.19 3.85 0.00	62.14 3.94 0.00	58.93 3.87 -0.01	66.08 4.02 0.00	65.99 4.02 -0.01	69.13 4.49 0.00	70.31 4.86 -3.45	66.68 4.09 -16.16	67.79 4.55 -10.95	69.78 3.62 -24.75	65.30 2.96 -26.50	61.07 4.08 -1.28	96.99 5.81 0.00	73.39 4.05 0.00

RAVENSWOOD_GT_9 24257	51.60 3.03 -0.42	50.80 2.91 -0.12	43.51 2.49 -0.30	46.36 2.59 -0.23	48.32 2.64 -0.19	58.20 3.32 -0.04	73.16 4.81 0.00	55.03 3.59 -5.84	56.53 3.98 -0.04	50.58 3.21 -0.18	59.19 3.85 0.00	62.14 3.94 0.00	58.93 3.87 -0.01	66.08 4.02 0.00	65.99 4.02 -0.01	69.13 4.49 0.00	70.31 4.86 -3.45	66.68 4.09 -16.16	67.79 4.55 -10.95	69.78 3.62 -24.75	65.30 2.96 -26.50	61.07 4.08 -1.28	96.99 5.81 0.00	73.39 4.05 0.00
RAVENSWOOD___1 23533	47.76 3.19 3.57	49.80 3.07 1.05	40.74 2.61 2.58	44.30 2.72 1.96	46.61 2.74 1.62	57.86 3.42 0.39	73.29 4.94 0.00	54.23 3.70 -4.92	56.28 4.10 0.32	49.03 3.35 1.51	59.31 3.96 0.00	62.31 4.12 0.01	59.04 4.06 0.07	66.21 4.15 0.00	66.03 4.19 0.12	69.32 4.68 0.00	37.65 5.07 29.43	49.73 4.23 0.93	36.55 4.70 20.44	41.29 3.74 3.86	52.79 3.07 -13.89	49.03 4.21 10.89	97.17 6.00 0.00	73.54 4.20 0.00
RAVENSWOOD___2 23534	47.76 3.19 3.57	49.80 3.07 1.05	40.74 2.61 2.58	44.30 2.72 1.96	46.61 2.74 1.62	57.86 3.42 0.39	73.29 4.94 0.00	54.23 3.70 -4.92	56.28 4.10 0.32	49.03 3.35 1.51	59.31 3.96 0.00	62.31 4.12 0.01	59.04 4.06 0.07	66.21 4.15 0.00	66.03 4.19 0.12	69.32 4.68 0.00	37.65 5.07 29.43	49.73 4.23 0.93	36.55 4.70 20.44	41.29 3.74 3.86	52.79 3.07 -13.89	49.03 4.21 10.89	97.17 6.00 0.00	73.54 4.20 0.00
RAVENSWOOD___3 23535	51.21 3.05 0.00	50.70 2.92 0.00	43.20 2.49 0.00	46.14 2.61 0.00	48.13 2.64 0.00	58.16 3.33 0.00	73.18 4.83 0.00	54.94 3.60 -5.74	56.49 3.98 0.00	50.41 3.22 0.00	59.19 3.85 0.00	62.15 3.94 0.00	58.93 3.88 0.00	66.09 4.03 0.00	65.99 4.04 0.00	69.14 4.50 0.00	66.87 4.86 0.00	64.90 4.10 -14.36	64.48 4.53 -7.66	66.78 3.62 -21.75	63.98 2.97 -25.18	59.76 4.05 0.00	97.00 5.82 0.00	73.39 4.05 0.00
RAVENSWOOD___4 23820	47.76 3.19 3.57	49.80 3.07 1.05	40.74 2.61 2.58	44.30 2.72 1.96	46.61 2.74 1.62	57.86 3.42 0.39	73.29 4.94 0.00	54.23 3.70 -4.92	56.28 4.10 0.32	49.03 3.35 1.51	59.31 3.96 0.00	62.31 4.12 0.01	59.04 4.06 0.07	66.21 4.15 0.00	66.03 4.19 0.12	69.32 4.68 0.00	37.65 5.07 29.43	49.73 4.23 0.93	36.55 4.70 20.44	41.29 3.74 3.86	52.79 3.07 -13.89	49.03 4.21 10.89	97.17 6.00 0.00	73.54 4.20 0.00
RCPL_TRUST___DRP 24196	51.19 3.05 0.00	50.70 2.93 0.00	43.20 2.49 0.00	46.13 2.59 0.00	48.12 2.64 0.00	58.15 3.32 0.00	73.18 4.83 0.00	54.94 3.60 -5.74	56.49 3.98 0.00	50.41 3.21 0.00	59.20 3.85 0.00	62.16 3.96 0.00	58.92 3.88 0.00	66.10 4.04 0.00	66.00 4.04 0.00	69.15 4.51 0.00	66.86 4.85 0.00	64.89 4.09 -14.36	64.47 4.52 -7.66	66.76 3.61 -21.75	63.96 2.96 -25.18	59.79 4.08 0.00	96.98 5.80 0.00	73.35 4.00 0.00
RED___ROCHESTER 323720	45.51 -2.64 0.00	45.04 -2.73 0.00	38.38 -2.33 0.00	41.15 -2.38 0.00	43.03 -2.45 0.00	51.87 -2.96 0.00	64.52 -3.83 0.00	43.74 -2.59 -0.72	49.42 -3.09 0.00	44.59 -2.61 0.00	52.60 -2.74 0.00	55.14 -3.06 0.00	52.03 -3.01 0.00	58.83 -3.23 0.00	58.98 -2.97 0.00	61.46 -3.17 0.00	58.90 -3.11 0.00	44.87 -2.10 -0.53	49.80 -2.56 -0.07	41.22 -2.11 -1.92	37.15 -1.90 -3.21	52.35 -3.36 0.00	86.25 -4.94 0.00	65.62 -3.71 0.00
REGAN___SOLAR 323812	50.83 2.68 0.00	50.31 2.54 0.00	42.89 2.18 0.00	45.87 2.34 0.00	47.97 2.48 0.00	57.98 3.15 0.00	72.59 4.24 0.00	56.83 2.98 -8.24	55.73 3.22 0.00	49.80 2.61 0.00	58.39 3.04 0.00	61.25 3.05 0.00	57.88 2.83 0.00	65.39 3.33 0.00	65.52 3.57 0.00	68.71 4.07 0.00	66.34 4.33 0.00	99.15 3.44 -49.28	87.24 3.85 -31.09	94.55 2.93 -50.21	74.59 2.44 -36.33	59.25 3.54 0.00	96.87 5.69 0.00	73.58 4.24 0.00
RENSSELAER___COGEN 23796	50.06 1.91 0.00	49.58 1.81 0.00	42.26 1.56 0.00	45.19 1.66 0.00	47.21 1.73 0.00	56.92 2.09 0.00	71.12 2.77 0.00	55.09 2.00 -7.49	54.73 2.22 0.00	48.90 1.70 0.00	57.43 2.09 0.00	60.36 2.16 0.00	57.17 2.12 0.00	64.28 2.22 0.00	64.17 2.22 0.00	67.26 2.62 0.00	64.76 2.75 0.00	81.75 2.25 -33.06	74.83 2.51 -20.04	81.27 1.99 -37.87	70.46 1.69 -32.95	58.19 2.48 0.00	94.59 3.41 0.00	71.74 2.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	52.57 4.42 0.00	52.03 4.25 0.00	44.45 3.74 0.00	47.53 4.00 0.00	49.83 4.34 0.00	60.13 5.30 0.00	75.69 7.34 0.00	58.37 5.05 -7.72	58.36 5.85 0.00	51.56 4.37 0.00	60.79 5.44 0.00	63.56 5.36 0.00	59.78 4.73 0.00	67.25 5.19 0.00	67.41 5.45 0.00	71.17 6.53 0.00	69.34 7.34 0.00	101.67 5.72 -49.52	90.28 6.50 -31.49	95.92 5.30 -49.21	74.21 4.41 -33.97	62.13 6.41 0.00	100.49 9.31 0.00	75.79 6.45 0.00
REVERE_CPPR_DRP 24186	49.19 1.03 0.00	48.80 1.03 0.00	41.58 0.87 0.00	44.48 0.95 0.00	46.51 1.03 0.00	56.27 1.44 0.00	70.64 2.29 0.00	47.68 1.76 -0.31	54.57 2.06 0.00	49.07 1.88 0.00	57.33 1.98 0.00	59.93 1.73 0.00	56.75 1.70 0.00	63.97 1.91 0.00	63.97 2.02 0.00	66.86 2.22 0.00	64.38 2.37 0.00	48.50 1.85 -0.21	54.39 2.08 -0.03	43.78 1.61 -0.76	38.34 1.24 -1.27	57.49 1.78 0.00	94.31 3.13 0.00	71.58 2.24 0.00
REYNOLDS_115KV_TB3 80639	50.22 2.07 0.00	49.76 1.99 0.00	42.41 1.70 0.00	45.33 1.80 0.00	47.38 1.89 0.00	57.08 2.25 0.00	71.26 2.91 0.00	55.21 2.09 -7.51	54.84 2.33 0.00	48.98 1.79 0.00	57.55 2.21 0.00	60.50 2.30 0.00	57.31 2.26 0.00	64.47 2.41 0.00	64.34 2.39 0.00	67.40 2.76 0.00	64.88 2.88 0.00	83.92 2.32 -35.16	76.38 2.58 -21.51	82.78 2.08 -39.29	70.62 1.77 -33.02	58.36 2.65 0.00	94.77 3.59 0.00	71.92 2.58 0.00
RIVERBAY____ 323610	51.46 3.31 0.00	50.90 3.13 0.00	43.29 2.58 0.00	46.22 2.69 0.00	48.16 2.68 0.00	58.38 3.55 0.00	73.45 5.10 0.00	55.17 3.83 -5.74	56.67 4.16 0.00	50.53 3.33 0.00	59.29 3.95 0.00	62.24 4.04 0.00	59.10 4.05 0.00	66.11 4.05 0.00	66.06 4.11 0.00	69.39 4.75 0.00	67.20 5.19 0.00	65.09 4.29 -14.36	64.70 4.75 -7.66	66.98 3.82 -21.75	64.05 3.04 -25.18	60.03 4.32 0.00	97.19 6.01 0.00	73.66 4.32 0.00
RIVERSDE_115KV_TB3 55908	50.19 2.04 0.00	49.72 1.95 0.00	42.37 1.66 0.00	45.30 1.76 0.00	47.34 1.85 0.00	57.06 2.23 0.00	71.28 2.93 0.00	55.24 2.11 -7.52	54.85 2.34 0.00	49.01 1.82 0.00	57.58 2.24 0.00	60.55 2.34 0.00	57.34 2.29 0.00	64.48 2.42 0.00	64.36 2.41 0.00	67.44 2.81 0.00	64.92 2.91 0.00	84.26 2.36 -35.47	76.63 2.63 -21.71	83.03 2.10 -39.52	70.69 1.78 -33.09	58.35 2.65 0.00	94.79 3.61 0.00	71.92 2.58 0.00
ROARING___BROOK_WT_PWR 323790	47.27 -0.88 0.00	47.04 -0.73 0.00	40.10 -0.61 0.00	42.82 -0.71 0.00	44.69 -0.80 0.00	53.87 -0.96 0.00	67.04 -1.31 0.00	44.74 -0.87 0.00	51.74 -0.77 0.00	46.60 -0.60 0.00	54.58 -0.77 0.00	57.40 -0.81 0.00	54.43 -0.61 0.00	61.34 -0.72 0.00	61.10 -0.86 0.00	63.56 -1.08 0.00	60.97 -1.04 0.00	45.59 -0.85 0.00	51.50 -0.78 0.00	40.69 -0.72 0.00	35.09 -0.74 0.00	54.74 -0.97 0.00	90.25 -0.93 0.00	69.04 -0.30 0.00

ROCHESRG_115KV_T4 355643	44.99 -3.16 0.00	44.53 -3.24 0.00	37.95 -2.76 0.00	40.70 -2.83 0.00	42.55 -2.93 0.00	51.27 -3.56 0.00	63.71 -4.64 0.00	43.17 -3.15 -0.71	48.75 -3.76 0.00	43.96 -3.23 0.00	51.85 -3.49 0.00	54.35 -3.86 0.00	51.34 -3.71 0.00	58.01 -4.05 0.00	58.12 -3.84 0.00	60.58 -4.06 0.00	58.00 -4.00 0.00	44.13 -2.84 -0.53	48.99 -3.37 -0.07	40.57 -2.75 -1.91	36.63 -2.39 -3.19	51.49 -4.23 0.00	84.97 -6.21 0.00	64.70 -4.64 0.00
ROCHESTER_9_IC 23652	45.26 -2.89 0.00	44.79 -2.98 0.00	38.17 -2.54 0.00	40.94 -2.60 0.00	42.80 -2.69 0.00	51.59 -3.24 0.00	64.13 -4.22 0.00	43.47 -2.86 -0.72	49.10 -3.41 0.00	44.28 -2.91 0.00	52.24 -3.10 0.00	54.76 -3.44 0.00	51.71 -3.34 0.00	58.43 -3.63 0.00	58.58 -3.38 0.00	61.04 -3.59 0.00	58.45 -3.55 0.00	44.50 -2.47 -0.53	49.39 -2.97 -0.07	40.90 -2.42 -1.92	36.91 -2.14 -3.21	51.87 -3.84 0.00	85.59 -5.59 0.00	65.15 -4.20 0.00
ROCKVIEW_13_KV_LD 356306	51.37 3.22 0.00	50.85 3.08 0.00	43.33 2.62 0.00	46.27 2.74 0.00	48.28 2.80 0.00	58.35 3.52 0.00	73.37 5.02 0.00	55.04 3.69 -5.74	56.57 4.06 0.00	50.47 3.28 0.00	59.31 3.97 0.00	62.27 4.07 0.00	59.01 3.96 0.00	66.21 4.15 0.00	66.12 4.16 0.00	69.30 4.66 0.00	67.00 4.99 0.00	64.99 4.19 -14.36	64.61 4.66 -7.66	66.88 3.72 -21.75	64.09 3.07 -25.18	59.98 4.27 0.00	97.34 6.16 0.00	73.62 4.28 0.00
ROME____115KV_TB2 80656	49.19 1.03 0.00	48.80 1.03 0.00	41.58 0.87 0.00	44.48 0.95 0.00	46.51 1.03 0.00	56.27 1.44 0.00	70.64 2.29 0.00	47.68 1.76 -0.31	54.57 2.06 0.00	49.07 1.88 0.00	57.33 1.98 0.00	59.93 1.73 0.00	56.75 1.70 0.00	63.97 1.91 0.00	63.97 2.02 0.00	66.86 2.22 0.00	64.38 2.37 0.00	48.50 1.85 -0.21	54.39 2.08 -0.03	43.78 1.61 -0.76	38.34 1.24 -1.27	57.49 1.78 0.00	94.31 3.13 0.00	71.58 2.24 0.00
ROSETON___1 23587	50.22 2.07 0.00	49.76 1.99 0.00	42.42 1.71 0.00	45.31 1.77 0.00	47.31 1.82 0.00	57.18 2.35 0.00	71.80 3.45 0.00	53.06 2.54 -4.91	55.22 2.71 0.00	49.33 2.14 0.00	57.93 2.59 0.00	60.82 2.62 0.00	57.65 2.61 0.00	65.46 3.40 0.00	65.37 3.41 0.00	68.49 3.85 0.00	66.18 4.17 0.00	64.18 3.53 -14.21	63.80 3.93 -7.58	66.07 3.14 -21.52	63.33 2.59 -24.91	59.26 3.54 0.00	96.26 5.08 0.00	72.89 3.54 0.00
ROSETON___2 23588	50.22 2.07 0.00	49.76 1.99 0.00	42.42 1.71 0.00	45.31 1.77 0.00	47.31 1.82 0.00	57.18 2.35 0.00	71.80 3.45 0.00	53.06 2.54 -4.91	55.22 2.71 0.00	49.33 2.14 0.00	57.93 2.59 0.00	60.82 2.62 0.00	57.65 2.61 0.00	65.46 3.40 0.00	65.37 3.41 0.00	68.49 3.85 0.00	66.18 4.17 0.00	64.18 3.53 -14.21	63.80 3.93 -7.58	66.07 3.14 -21.52	63.33 2.59 -24.91	59.26 3.54 0.00	96.26 5.08 0.00	72.89 3.54 0.00
ROTTDAM_115KV_TB3 80664	49.65 1.50 0.00	49.21 1.43 0.00	41.93 1.22 0.00	44.83 1.30 0.00	46.85 1.36 0.00	56.51 1.68 0.00	70.64 2.29 0.00	55.06 1.66 -7.80	54.34 1.83 0.00	48.62 1.42 0.00	57.08 1.74 0.00	59.98 1.78 0.00	56.77 1.73 0.00	63.94 1.88 0.00	63.84 1.88 0.00	66.81 2.17 0.00	64.32 2.31 0.00	101.13 1.90 -52.79	88.18 2.14 -33.75	94.65 1.69 -51.55	71.59 1.42 -34.34	57.74 2.03 0.00	94.10 2.92 0.00	71.41 2.07 0.00
RUSSELL___1 23602	45.52 -2.63 0.00	45.04 -2.73 0.00	38.38 -2.33 0.00	41.15 -2.38 0.00	43.03 -2.46 0.00	51.87 -2.96 0.00	64.52 -3.83 0.00	43.74 -2.58 -0.72	49.42 -3.09 0.00	44.58 -2.61 0.00	52.59 -2.75 0.00	55.14 -3.06 0.00	52.04 -3.01 0.00	58.81 -3.25 0.00	58.97 -2.98 0.00	61.46 -3.18 0.00	58.87 -3.14 0.00	44.83 -2.15 -0.53	49.76 -2.60 -0.07	41.19 -2.14 -1.92	37.15 -1.89 -3.21	52.23 -3.49 0.00	86.16 -5.01 0.00	65.55 -3.79 0.00
RUSSELL___2 23532	45.52 -2.63 0.00	45.04 -2.73 0.00	38.38 -2.33 0.00	41.15 -2.38 0.00	43.03 -2.46 0.00	51.87 -2.96 0.00	64.52 -3.83 0.00	43.74 -2.58 -0.72	49.42 -3.09 0.00	44.58 -2.61 0.00	52.59 -2.75 0.00	55.14 -3.06 0.00	52.04 -3.01 0.00	58.81 -3.25 0.00	58.97 -2.98 0.00	61.46 -3.18 0.00	58.87 -3.14 0.00	44.83 -2.15 -0.53	49.76 -2.60 -0.07	41.19 -2.14 -1.92	37.15 -1.89 -3.21	52.23 -3.49 0.00	86.16 -5.01 0.00	65.55 -3.79 0.00
RUSSELL___3 23549	45.52 -2.63 0.00	45.04 -2.73 0.00	38.38 -2.33 0.00	41.15 -2.38 0.00	43.03 -2.46 0.00	51.87 -2.96 0.00	64.52 -3.83 0.00	43.74 -2.58 -0.72	49.42 -3.09 0.00	44.58 -2.61 0.00	52.59 -2.75 0.00	55.14 -3.06 0.00	52.04 -3.01 0.00	58.81 -3.25 0.00	58.97 -2.98 0.00	61.46 -3.18 0.00	58.87 -3.14 0.00	44.83 -2.15 -0.53	49.76 -2.60 -0.07	41.19 -2.14 -1.92	37.15 -1.89 -3.21	52.23 -3.49 0.00	86.16 -5.01 0.00	65.55 -3.79 0.00
RUSSELL___4 23556	45.52 -2.63 0.00	45.04 -2.73 0.00	38.38 -2.33 0.00	41.15 -2.38 0.00	43.03 -2.46 0.00	51.87 -2.96 0.00	64.52 -3.83 0.00	43.74 -2.58 -0.72	49.42 -3.09 0.00	44.58 -2.61 0.00	52.59 -2.75 0.00	55.14 -3.06 0.00	52.04 -3.01 0.00	58.81 -3.25 0.00	58.97 -2.98 0.00	61.46 -3.18 0.00	58.87 -3.14 0.00	44.83 -2.15 -0.53	49.76 -2.60 -0.07	41.19 -2.14 -1.92	37.15 -1.89 -3.21	52.23 -3.49 0.00	86.16 -5.01 0.00	65.55 -3.79 0.00
RUSSELL___STATION 23914	45.52 -2.63 0.00	45.04 -2.73 0.00	38.38 -2.33 0.00	41.15 -2.38 0.00	43.03 -2.46 0.00	51.87 -2.96 0.00	64.52 -3.83 0.00	43.74 -2.58 -0.72	49.42 -3.09 0.00	44.58 -2.61 0.00	52.59 -2.75 0.00	55.14 -3.06 0.00	52.04 -3.01 0.00	58.81 -3.25 0.00	58.97 -2.98 0.00	61.46 -3.18 0.00	58.87 -3.14 0.00	44.83 -2.15 -0.53	49.76 -2.60 -0.07	41.19 -2.14 -1.92	37.15 -1.89 -3.21	52.23 -3.49 0.00	86.16 -5.01 0.00	65.55 -3.79 0.00
S SALMON___HYD 24043	46.15 -2.00 0.00	45.74 -2.03 0.00	38.98 -1.73 0.00	41.67 -1.86 0.00	43.54 -1.94 0.00	52.63 -2.20 0.00	65.79 -2.56 0.00	44.49 -1.53 -0.41	50.72 -1.79 0.00	45.59 -1.61 0.00	53.49 -1.85 0.00	55.97 -2.23 0.00	52.99 -2.05 0.00	59.63 -2.43 0.00	59.46 -2.50 0.00	62.20 -2.43 0.00	60.10 -1.91 0.00	45.55 -1.19 -0.31	51.07 -1.26 -0.04	41.48 -1.04 -1.11	36.68 -1.01 -1.86	54.01 -1.70 0.00	89.11 -2.07 0.00	67.81 -1.53 0.00
S.PERRY__115KV_TB1 80734	50.34 -2.21 -4.40	45.42 -2.35 0.00	38.72 -1.99 0.00	41.54 -1.99 0.00	43.60 -1.89 0.00	52.84 -1.99 0.00	66.47 -1.88 0.00	45.54 -1.09 -1.02	50.93 -1.58 0.00	45.83 -1.37 0.00	54.01 -1.33 0.00	56.54 -1.66 0.00	54.44 -1.83 -1.22	81.48 -1.98 -21.40	78.39 -1.90 -18.33	81.32 -2.03 -18.71	105.10 -1.73 -44.83	102.92 -0.95 -57.43	112.75 -1.24 -61.70	101.28 -1.17 -61.04	92.08 -1.17 -57.41	103.75 -2.49 -50.53	190.42 -3.13 -102.38	149.53 -2.47 -82.66
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.04 -4.88 1.23	42.76 -5.01 0.00	36.45 -4.26 0.00	39.22 -4.31 0.00	41.03 -4.46 0.00	49.32 -5.51 0.00	60.94 -7.41 0.00	41.42 -5.13 -0.94	46.39 -6.12 0.00	41.96 -5.24 0.00	49.66 -5.68 0.00	51.96 -6.25 0.00	48.79 -5.94 0.32	49.69 -6.44 5.93	50.76 -6.17 5.02	52.79 -6.72 5.13	42.89 -6.83 12.29	28.90 -4.98 12.57	31.22 -5.86 15.21	24.69 -4.73 11.99	21.45 -4.08 10.30	34.79 -7.07 13.85	53.04 -10.09 28.05	39.34 -7.35 22.65

SAWYER___23_KV_LOAD 55526	42.04 -4.88 1.23	42.76 -5.01 0.00	36.45 -4.26 0.00	39.22 -4.31 0.00	41.03 -4.46 0.00	49.32 -5.51 0.00	60.94 -7.41 0.00	41.42 -5.13 -0.94	46.39 -6.12 0.00	41.96 -5.24 0.00	49.66 -5.68 0.00	51.96 -6.25 0.00	48.79 -5.94 0.32	49.69 -6.44 5.93	50.76 -6.17 5.02	52.79 -6.72 5.13	42.89 -6.83 12.29	28.90 -4.98 12.57	31.22 -5.86 15.21	24.69 -4.73 11.99	21.45 -4.08 10.30	34.79 -7.07 13.85	53.04 -10.09 28.05	39.34 -7.35 22.65
SELKIRK___I 23801	50.10 1.95 0.00	49.66 1.89 0.00	42.33 1.61 0.00	45.26 1.72 0.00	47.31 1.82 0.00	57.02 2.19 0.00	71.24 2.89 0.00	54.96 2.00 -7.35	54.70 2.19 0.00	48.85 1.66 0.00	57.30 1.96 0.00	60.17 1.97 0.00	56.93 1.88 0.00	64.03 1.97 0.00	64.05 2.09 0.00	67.16 2.52 0.00	64.72 2.72 0.00	76.60 2.17 -27.99	71.25 2.43 -16.53	77.56 1.92 -34.23	69.83 1.63 -32.37	58.10 2.39 0.00	94.62 3.44 0.00	71.80 2.46 0.00
SELKIRK___II 23799	49.91 1.76 0.00	49.44 1.68 0.00	42.14 1.43 0.00	45.05 1.52 0.00	47.08 1.59 0.00	56.76 1.93 0.00	70.92 2.57 0.00	54.92 1.86 -7.45	54.56 2.05 0.00	48.77 1.57 0.00	57.28 1.93 0.00	60.20 2.00 0.00	56.98 1.94 0.00	64.09 2.03 0.00	64.00 2.05 0.00	67.05 2.41 0.00	64.56 2.55 0.00	77.67 2.08 -29.15	71.94 2.34 -17.31	78.48 1.86 -35.21	70.18 1.57 -32.79	57.99 2.28 0.00	94.35 3.17 0.00	71.58 2.24 0.00
SENECA OSWGO___HYD 24041	46.33 -1.83 0.00	45.93 -1.84 0.00	39.14 -1.57 0.00	41.86 -1.67 0.00	43.78 -1.71 0.00	52.86 -1.97 0.00	66.05 -2.30 0.00	44.64 -1.43 -0.46	50.79 -1.73 0.00	45.64 -1.55 0.00	53.62 -1.72 0.00	56.28 -1.92 0.00	53.25 -1.79 0.00	60.02 -2.04 0.00	59.87 -2.08 0.00	62.60 -2.03 0.00	60.17 -1.85 0.00	45.56 -1.23 -0.35	50.90 -1.44 -0.04	41.51 -1.15 -1.25	36.86 -1.06 -2.09	53.86 -1.85 0.00	88.13 -3.05 0.00	66.94 -2.40 0.00
SENECA___115KV_TB3 355854	42.58 -4.30 1.27	43.35 -4.42 0.00	36.95 -3.76 0.00	39.78 -3.75 0.00	41.67 -3.82 0.00	50.12 -4.71 0.00	62.08 -6.28 0.00	42.30 -4.29 -0.98	47.35 -5.16 0.00	42.83 -4.36 0.00	50.70 -4.65 0.00	53.01 -5.19 0.00	49.77 -4.94 0.34	50.57 -5.32 6.16	51.55 -5.16 5.25	53.62 -5.66 5.35	43.38 -5.80 12.84	29.19 -4.22 13.02	31.43 -5.02 15.84	24.91 -4.08 12.42	21.60 -3.56 10.67	34.97 -6.28 14.47	53.22 -8.78 29.19	39.41 -6.43 23.50
SENECA___ENERGY 23797	46.57 -1.88 -0.30	45.92 -1.85 0.00	39.16 -1.55 0.00	41.92 -1.61 0.00	43.90 -1.59 0.00	53.01 -1.82 0.00	66.40 -1.95 0.00	45.12 -1.22 -0.74	50.90 -1.61 0.00	45.78 -1.42 0.00	53.88 -1.47 0.00	56.52 -1.68 0.00	53.51 -1.62 -0.08	61.66 -1.84 -1.44	61.37 -1.82 -1.23	64.00 -1.90 -1.26	63.34 -1.69 -3.02	51.01 -1.08 -5.65	56.13 -1.27 -5.11	47.13 -1.07 -6.79	41.77 -1.01 -6.95	57.17 -1.95 -3.41	94.99 -3.10 -6.91	72.42 -2.50 -5.58
SHOEMAKER___GT 23640	50.17 2.02 0.00	49.70 1.93 0.00	42.37 1.66 0.00	45.26 1.72 0.00	47.26 1.77 0.00	57.12 2.29 0.00	71.64 3.29 0.00	52.93 2.38 -4.94	55.09 2.58 0.00	49.26 2.06 0.00	57.86 2.51 0.00	60.72 2.52 0.00	57.53 2.48 0.00	64.97 2.91 0.00	64.87 2.92 0.00	67.98 3.34 0.00	65.62 3.62 0.00	62.64 3.06 -13.14	62.74 3.44 -7.02	64.02 2.74 -19.88	61.09 2.27 -22.99	58.78 3.07 0.00	95.59 4.41 0.00	72.42 3.08 0.00
SHOEMAKR_138KV_BK 111 55601	50.15 2.00 0.00	49.68 1.91 0.00	42.35 1.64 0.00	45.24 1.71 0.00	47.24 1.76 0.00	57.10 2.27 0.00	71.64 3.28 0.00	52.90 2.39 -4.90	55.08 2.57 0.00	49.24 2.04 0.00	57.84 2.50 0.00	60.72 2.52 0.00	57.52 2.47 0.00	64.95 2.89 0.00	64.86 2.91 0.00	67.93 3.29 0.00	65.60 3.60 0.00	62.56 3.06 -13.06	62.68 3.42 -6.97	63.88 2.73 -19.74	60.91 2.24 -22.83	58.77 3.06 0.00	95.57 4.39 0.00	72.39 3.05 0.00
SHOREHAM_IC_1 23715	56.49 4.74 -3.60	52.18 4.41 0.00	44.34 3.63 0.00	47.41 3.88 0.00	49.43 3.95 0.00	60.03 5.20 0.00	75.40 7.05 0.00	56.50 5.15 -5.74	58.17 5.66 0.00	51.55 4.35 0.00	60.35 5.01 0.00	63.41 5.21 0.00	59.83 4.78 0.00	67.59 5.53 0.00	67.55 5.60 0.00	71.21 6.57 0.00	68.53 6.52 0.00	65.93 5.13 -14.37	65.70 5.75 -7.66	72.75 5.35 -25.99	65.60 4.58 -25.19	62.26 6.54 0.00	100.70 9.52 0.00	76.05 6.72 0.00
SHOREHAM_IC_2 23716	56.49 4.74 -3.60	52.18 4.41 0.00	44.34 3.63 0.00	47.41 3.88 0.00	49.43 3.95 0.00	60.03 5.20 0.00	75.40 7.05 0.00	56.50 5.15 -5.74	58.17 5.66 0.00	51.55 4.35 0.00	60.35 5.01 0.00	63.41 5.21 0.00	59.83 4.78 0.00	67.59 5.53 0.00	67.55 5.60 0.00	71.21 6.57 0.00	68.53 6.52 0.00	65.93 5.13 -14.37	65.70 5.75 -7.66	72.75 5.35 -25.99	65.60 4.58 -25.19	62.26 6.54 0.00	100.70 9.52 0.00	76.05 6.72 0.00
SISSONVILLE____ 23735	47.14 -1.01 0.00	46.84 -0.93 0.00	39.84 -0.87 0.00	42.66 -0.88 0.00	44.54 -0.95 0.00	53.23 -1.61 0.00	66.02 -2.33 0.00	43.88 -1.72 0.00	50.72 -1.79 0.00	45.74 -1.46 0.00	53.16 -2.18 0.00	55.79 -2.41 0.00	52.69 -2.35 0.00	59.42 -2.64 0.00	59.40 -2.56 0.00	62.02 -2.62 0.00	59.72 -2.29 0.00	44.44 -1.99 0.00	50.16 -2.13 0.00	39.68 -1.73 0.00	34.38 -1.45 0.00	53.87 -1.84 0.00	88.92 -2.27 0.00	68.05 -1.29 0.00
SITHE_IND_GS1 24169	45.97 -2.18 0.00	45.58 -2.19 0.00	38.86 -1.84 0.00	41.57 -1.97 0.00	43.45 -2.03 0.00	52.41 -2.42 0.00	65.41 -2.94 0.00	44.07 -1.91 -0.36	50.26 -2.25 0.00	45.16 -2.03 0.00	53.03 -2.32 0.00	55.70 -2.50 0.00	52.70 -2.35 0.00	59.40 -2.66 0.00	59.33 -2.62 0.00	61.94 -2.70 0.00	59.47 -2.54 0.00	44.92 -1.79 -0.27	50.27 -2.05 -0.03	40.74 -1.65 -0.98	36.01 -1.46 -1.64	53.27 -2.44 0.00	87.20 -3.98 0.00	66.26 -3.08 0.00
SITHE_IND_GS2 24170	45.97 -2.18 0.00	45.58 -2.19 0.00	38.86 -1.84 0.00	41.57 -1.97 0.00	43.45 -2.03 0.00	52.41 -2.42 0.00	65.41 -2.94 0.00	44.07 -1.91 -0.36	50.26 -2.25 0.00	45.16 -2.03 0.00	53.03 -2.32 0.00	55.70 -2.50 0.00	52.70 -2.35 0.00	59.40 -2.66 0.00	59.33 -2.62 0.00	61.94 -2.70 0.00	59.47 -2.54 0.00	44.92 -1.79 -0.27	50.27 -2.05 -0.03	40.74 -1.65 -0.98	36.01 -1.46 -1.64	53.27 -2.44 0.00	87.20 -3.98 0.00	66.26 -3.08 0.00
SITHE_IND_GS3 24171	45.97 -2.18 0.00	45.58 -2.19 0.00	38.86 -1.84 0.00	41.57 -1.97 0.00	43.45 -2.03 0.00	52.41 -2.42 0.00	65.41 -2.94 0.00	44.07 -1.91 -0.36	50.26 -2.25 0.00	45.16 -2.03 0.00	53.03 -2.32 0.00	55.70 -2.50 0.00	52.70 -2.35 0.00	59.40 -2.66 0.00	59.33 -2.62 0.00	61.94 -2.70 0.00	59.47 -2.54 0.00	44.92 -1.79 -0.27	50.27 -2.05 -0.03	40.74 -1.65 -0.98	36.01 -1.46 -1.64	53.27 -2.44 0.00	87.20 -3.98 0.00	66.26 -3.08 0.00
SITHE_IND_GS4 24172	45.97 -2.18 0.00	45.58 -2.19 0.00	38.86 -1.84 0.00	41.57 -1.97 0.00	43.45 -2.03 0.00	52.41 -2.42 0.00	65.41 -2.94 0.00	44.07 -1.91 -0.36	50.26 -2.25 0.00	45.16 -2.03 0.00	53.03 -2.32 0.00	55.70 -2.50 0.00	52.70 -2.35 0.00	59.40 -2.66 0.00	59.33 -2.62 0.00	61.94 -2.70 0.00	59.47 -2.54 0.00	44.92 -1.79 -0.27	50.27 -2.05 -0.03	40.74 -1.65 -0.98	36.01 -1.46 -1.64	53.27 -2.44 0.00	87.20 -3.98 0.00	66.26 -3.08 0.00

SITHE___BATAVIA 24024	44.39 -3.14 0.62	44.47 -3.30 0.00	37.88 -2.83 0.00	40.70 -2.83 0.00	42.61 -2.88 0.00	51.36 -3.47 0.00	63.64 -4.72 0.00	43.20 -3.23 0.00	48.62 -3.88 0.00	43.83 -3.36 0.00	51.68 -3.66 0.00	54.12 -4.08 0.00	50.62 -4.26 0.17	54.76 -4.31 2.98	55.44 -3.95 2.57	58.07 -3.96 2.61	51.96 -3.78 6.27	38.46 -2.61 5.37	41.88 -3.17 7.23	34.16 -2.64 4.61	29.93 -2.35 3.55	44.45 -4.19 7.07	71.26 -5.80 14.13	53.74 -4.30 11.30
SITHE___INDEPEND 23800	45.97 -2.18 0.00	45.59 -2.18 0.00	38.86 -1.84 0.00	41.56 -1.97 0.00	43.45 -2.04 0.00	52.42 -2.42 0.00	65.40 -2.95 0.00	44.07 -1.90 -0.36	50.26 -2.25 0.00	45.16 -2.03 0.00	53.02 -2.32 0.00	55.70 -2.50 0.00	52.70 -2.35 0.00	59.40 -2.66 0.00	59.33 -2.62 0.00	61.94 -2.70 0.00	59.47 -2.54 0.00	44.91 -1.80 -0.27	50.26 -2.06 -0.03	40.73 -1.65 -0.98	36.01 -1.45 -1.64	53.26 -2.46 0.00	87.20 -3.98 0.00	66.25 -3.09 0.00
SITHE___MASSENA 23902	48.60 0.45 0.00	48.28 0.51 0.00	41.07 0.36 0.00	43.97 0.44 0.00	45.90 0.41 0.00	54.90 0.07 0.00	68.02 -0.33 0.00	45.16 -0.45 0.00	52.15 -0.36 0.00	47.07 -0.13 0.00	54.91 -0.43 0.00	57.78 -0.43 0.00	54.54 -0.50 0.00	61.57 -0.49 0.00	61.50 -0.46 0.00	64.07 -0.57 0.00	61.35 -0.66 0.00	45.64 -0.79 0.00	51.45 -0.84 0.00	40.73 -0.68 0.00	35.33 -0.50 0.00	55.32 -0.39 0.00	91.11 -0.07 0.00	69.63 0.29 0.00
SITHE___OGDNSBRG 24021	48.90 0.75 0.00	48.58 0.81 0.00	41.33 0.63 0.00	44.25 0.71 0.00	46.22 0.73 0.00	55.30 0.47 0.00	68.59 0.24 0.00	45.55 -0.05 0.00	52.59 0.08 0.00	47.25 0.05 0.00	54.61 -0.74 0.00	57.34 -0.86 0.00	54.11 -0.95 0.00	61.01 -1.05 0.00	61.01 -0.95 0.00	63.73 -0.91 0.00	61.74 -0.27 0.00	46.00 -0.44 0.00	51.88 -0.41 0.00	41.06 -0.35 0.00	35.61 -0.22 0.00	55.78 0.07 0.00	91.91 0.73 0.00	70.29 0.95 0.00
SITHE___STERLING 23777	48.85 0.70 0.00	48.50 0.73 0.00	41.33 0.62 0.00	44.21 0.68 0.00	46.26 0.77 0.00	55.96 1.13 0.00	70.10 1.75 0.00	47.29 1.34 -0.34	54.07 1.56 0.00	48.56 1.37 0.00	56.84 1.49 0.00	59.45 1.25 0.00	56.25 1.20 0.00	63.44 1.38 0.00	63.49 1.54 0.00	66.33 1.70 0.00	63.81 1.80 0.00	48.09 1.40 -0.25	53.85 1.53 -0.03	43.47 1.17 -0.89	38.23 0.90 -1.50	56.95 1.24 0.00	93.27 2.09 0.00	70.74 1.40 0.00
SLEIGHT__34_KV_TB1 80719	45.84 -2.31 0.00	45.45 -2.32 0.00	38.74 -1.96 0.00	41.50 -2.03 0.00	43.41 -2.08 0.00	52.43 -2.41 0.00	65.41 -2.94 0.00	44.35 -1.95 -0.69	50.16 -2.34 0.00	45.15 -2.04 0.00	53.17 -2.17 0.00	55.74 -2.46 0.00	52.70 -2.34 0.00	59.47 -2.59 0.00	59.52 -2.44 0.00	62.05 -2.59 0.00	59.49 -2.52 0.00	45.28 -1.68 -0.52	50.31 -2.05 -0.06	41.62 -1.66 -1.87	37.48 -1.48 -3.13	52.97 -2.74 0.00	87.03 -4.15 0.00	66.16 -3.18 0.00
SOUTH CAIRO___GT 23612	52.57 4.42 0.00	52.03 4.26 0.00	44.32 3.61 0.00	47.38 3.85 0.00	49.60 4.11 0.00	59.88 5.04 0.00	75.07 6.71 0.00	57.35 4.73 -7.02	57.86 5.36 0.00	51.28 4.08 0.00	59.84 4.50 0.00	62.67 4.47 0.00	59.14 4.09 0.00	66.58 4.52 0.00	66.61 4.66 0.00	70.64 6.01 0.00	68.53 6.52 0.00	78.44 5.21 -26.80	74.01 5.89 -15.83	78.72 4.53 -32.78	70.61 3.79 -30.99	61.43 5.72 0.00	99.80 8.61 0.00	75.57 6.23 0.00
SOUTH HAMPTN___IC 23720	56.53 4.78 -3.60	52.21 4.44 0.00	44.38 3.67 0.00	47.46 3.93 0.00	49.50 4.01 0.00	60.14 5.31 0.00	75.63 7.27 0.00	56.67 5.31 -5.74	58.33 5.82 0.00	51.66 4.46 0.00	60.46 5.12 0.00	63.46 5.26 0.00	59.89 4.85 0.00	67.71 5.65 0.00	67.59 5.64 0.00	71.26 6.62 0.00	68.66 6.65 0.00	66.02 5.22 -14.37	65.82 5.87 -7.66	72.85 5.45 -25.99	65.74 4.72 -25.19	62.52 6.81 0.00	101.09 9.90 0.00	76.24 6.90 0.00
SOUTHDOW_115KV_TB1 355954	44.54 -2.91 0.71	44.57 -3.20 0.00	38.29 -2.42 0.00	41.43 -2.10 0.00	43.52 -1.97 0.00	52.05 -2.79 0.00	64.99 -3.36 0.00	44.61 -2.05 -1.06	50.18 -2.33 0.00	45.33 -1.86 0.00	53.78 -1.56 0.00	56.38 -1.82 0.00	53.04 -1.83 0.19	56.59 -2.07 3.40	56.85 -2.22 2.88	58.86 -2.84 2.94	51.50 -3.46 7.05	38.00 -2.66 5.78	41.01 -3.31 7.96	33.84 -2.78 4.79	29.70 -2.58 3.55	43.06 -4.71 7.95	68.96 -6.19 16.02	51.99 -4.46 12.89
SOUTHOLD_69_KV_BK 2 55809	56.18 4.43 -3.60	51.86 4.09 0.00	44.07 3.36 0.00	47.15 3.62 0.00	49.18 3.70 0.00	59.81 4.98 0.00	75.28 6.92 0.00	56.45 5.10 -5.74	58.07 5.56 0.00	51.39 4.19 0.00	60.07 4.73 0.00	63.04 4.84 0.00	59.51 4.46 0.00	67.38 5.32 0.00	67.29 5.33 0.00	71.05 6.41 0.00	68.57 6.56 0.00	65.98 5.18 -14.37	65.80 5.84 -7.66	72.91 5.51 -25.99	65.90 4.89 -25.19	62.86 7.15 0.00	101.56 10.38 0.00	76.38 7.04 0.00
SOUTHOLD___IC 23719	56.18 4.43 -3.60	51.86 4.09 0.00	44.07 3.36 0.00	47.15 3.62 0.00	49.18 3.69 0.00	59.81 4.98 0.00	75.27 6.91 0.00	56.45 5.10 -5.74	58.06 5.55 0.00	51.39 4.19 0.00	60.06 4.72 0.00	63.03 4.83 0.00	59.51 4.46 0.00	67.38 5.32 0.00	67.29 5.33 0.00	71.04 6.40 0.00	68.56 6.56 0.00	65.98 5.17 -14.37	65.79 5.84 -7.66	72.91 5.51 -25.99	65.91 4.89 -25.19	62.84 7.13 0.00	101.54 10.36 0.00	76.36 7.02 0.00
SOUTH_FORK_WT_PWR 323839	55.54 3.79 -3.60	51.22 3.45 0.00	43.52 2.81 0.00	46.56 3.03 0.00	48.57 3.09 0.00	59.07 4.24 0.00	74.36 6.00 0.00	55.84 4.49 -5.74	57.37 4.85 0.00	50.76 3.56 0.00	59.31 3.97 0.00	62.23 4.03 0.00	58.73 3.69 0.00	66.49 4.44 0.00	66.40 4.44 0.00	70.15 5.51 0.00	67.71 5.70 0.00	65.34 4.54 -14.37	65.09 5.14 -7.66	72.43 5.03 -25.99	65.59 4.57 -25.19	62.42 6.71 0.00	100.87 9.68 0.00	75.73 6.39 0.00
SPIERFLS_115KV_TB 1 80737	50.19 2.03 0.00	49.67 1.90 0.00	42.34 1.63 0.00	45.29 1.76 0.00	47.38 1.89 0.00	57.20 2.37 0.00	71.77 3.42 0.00	55.73 2.40 -7.72	55.28 2.77 0.00	49.35 2.16 0.00	57.85 2.51 0.00	60.78 2.58 0.00	57.50 2.46 0.00	64.77 2.72 0.00	64.68 2.73 0.00	67.86 3.22 0.00	65.57 3.56 0.00	99.20 2.92 -49.85	87.29 3.28 -31.72	93.48 2.62 -49.45	72.03 2.19 -34.00	58.83 3.12 0.00	95.54 4.36 0.00	72.30 2.96 0.00
ST LAWRENCE____ 23600	48.14 -0.01 0.00	47.82 0.04 0.00	40.70 -0.01 0.00	43.55 0.02 0.00	45.48 -0.01 0.00	54.62 -0.21 0.00	67.66 -0.70 0.00	44.94 -0.67 0.00	51.89 -0.62 0.00	46.85 -0.34 0.00	54.75 -0.60 0.00	57.63 -0.58 0.00	54.39 -0.65 0.00	61.40 -0.66 0.00	61.34 -0.61 0.00	63.86 -0.78 0.00	61.06 -0.95 0.00	45.43 -1.00 0.00	51.20 -1.09 0.00	40.53 -0.88 0.00	35.16 -0.66 0.00	55.03 -0.68 0.00	90.55 -0.63 0.00	69.19 -0.15 0.00
STATE_CA_115KV_115_LB 55624	50.25 2.10 0.00	49.77 2.00 0.00	42.42 1.72 0.00	45.35 1.82 0.00	47.40 1.91 0.00	57.14 2.31 0.00	71.43 3.07 0.00	55.39 2.21 -7.56	54.98 2.47 0.00	49.14 1.95 0.00	57.72 2.38 0.00	60.69 2.48 0.00	57.47 2.42 0.00	64.64 2.58 0.00	64.54 2.58 0.00	67.62 2.99 0.00	65.10 3.09 0.00	86.88 2.50 -37.94	78.50 2.77 -23.43	84.86 2.20 -41.25	70.98 1.86 -33.29	58.47 2.76 0.00	94.97 3.79 0.00	72.06 2.72 0.00

STATE_ST_34_KV_LOAD 55959	47.25 -0.90 0.00	46.98 -0.79 0.00	40.06 -0.65 0.00	42.87 -0.67 0.00	44.86 -0.63 0.00	54.19 -0.64 0.00	67.84 -0.51 0.00	45.88 -0.45 -0.72	51.90 -0.61 0.00	46.60 -0.59 0.00	54.76 -0.59 0.00	57.44 -0.77 0.00	54.34 -0.71 0.00	61.24 -0.82 0.00	61.35 -0.61 0.00	63.99 -0.65 0.00	61.41 -0.59 0.00	48.17 -0.20 -1.93	53.04 -0.28 -1.03	44.14 -0.16 -2.89	38.97 -0.19 -3.33	55.07 -0.64 0.00	90.15 -1.03 0.00	68.48 -0.87 0.00
STATION 5_MISC_HYD 23604	45.25 -2.90 0.00	44.80 -2.97 0.00	38.17 -2.54 0.00	40.93 -2.60 0.00	42.79 -2.69 0.00	51.59 -3.25 0.00	64.14 -4.21 0.00	43.47 -2.85 -0.72	49.11 -3.40 0.00	44.29 -2.90 0.00	52.25 -3.09 0.00	54.77 -3.43 0.00	51.71 -3.34 0.00	58.44 -3.62 0.00	58.58 -3.38 0.00	61.05 -3.59 0.00	58.47 -3.53 0.00	44.51 -2.46 -0.53	49.43 -2.93 -0.07	40.93 -2.40 -1.92	36.90 -2.15 -3.21	52.00 -3.71 0.00	85.69 -5.50 0.00	65.21 -4.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.24 -1.91 0.00	45.80 -1.97 0.00	39.05 -1.66 0.00	41.86 -1.67 0.00	43.81 -1.68 0.00	52.88 -1.95 0.00	66.04 -2.32 0.00	44.79 -1.53 -0.71	50.60 -1.91 0.00	45.56 -1.63 0.00	53.63 -1.71 0.00	56.24 -1.96 0.00	53.15 -1.90 0.00	59.99 -2.07 0.00	60.03 -1.93 0.00	62.63 -2.01 0.00	60.14 -1.87 0.00	45.79 -1.18 -0.54	50.89 -1.47 -0.07	42.09 -1.24 -1.92	37.89 -1.16 -3.22	53.44 -2.27 0.00	87.89 -3.29 0.00	66.77 -2.58 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.13 -3.02 0.00	44.68 -3.09 0.00	38.08 -2.63 0.00	40.83 -2.70 0.00	42.69 -2.80 0.00	51.46 -3.37 0.00	64.02 -4.33 0.00	43.41 -2.91 -0.71	49.05 -3.46 0.00	44.22 -2.97 0.00	52.15 -3.19 0.00	54.67 -3.53 0.00	51.64 -3.41 0.00	58.32 -3.74 0.00	58.46 -3.50 0.00	60.92 -3.71 0.00	58.35 -3.66 0.00	44.41 -2.56 -0.53	49.31 -3.05 -0.07	40.82 -2.50 -1.90	36.82 -2.20 -3.19	51.79 -3.92 0.00	85.39 -5.79 0.00	64.97 -4.37 0.00
STA_56___34_KV_BUS2 355983	45.13 -3.02 0.00	44.68 -3.09 0.00	38.08 -2.63 0.00	40.83 -2.70 0.00	42.69 -2.80 0.00	51.46 -3.37 0.00	64.02 -4.33 0.00	43.41 -2.91 -0.71	49.05 -3.46 0.00	44.22 -2.97 0.00	52.15 -3.19 0.00	54.67 -3.53 0.00	51.64 -3.41 0.00	58.32 -3.74 0.00	58.46 -3.50 0.00	60.92 -3.71 0.00	58.35 -3.66 0.00	44.41 -2.56 -0.53	49.31 -3.05 -0.07	40.82 -2.50 -1.90	36.82 -2.20 -3.19	51.79 -3.92 0.00	85.39 -5.79 0.00	64.97 -4.37 0.00
STA_67___115KV_BK2 355882	45.14 -3.01 0.00	44.69 -3.08 0.00	38.08 -2.63 0.00	40.84 -2.69 0.00	42.69 -2.79 0.00	51.45 -3.38 0.00	63.96 -4.39 0.00	43.35 -2.98 -0.72	48.96 -3.55 0.00	44.15 -3.04 0.00	52.09 -3.25 0.00	54.59 -3.61 0.00	51.56 -3.49 0.00	58.25 -3.81 0.00	58.40 -3.55 0.00	60.86 -3.78 0.00	58.27 -3.74 0.00	44.35 -2.62 -0.53	49.23 -3.13 -0.07	40.78 -2.55 -1.92	36.80 -2.24 -3.21	51.71 -4.00 0.00	85.33 -5.85 0.00	64.96 -4.38 0.00
STA_7___115KV_9TRANS 80674	45.52 -2.63 0.00	45.04 -2.73 0.00	38.38 -2.33 0.00	41.15 -2.38 0.00	43.03 -2.46 0.00	51.87 -2.96 0.00	64.52 -3.83 0.00	43.74 -2.58 -0.72	49.42 -3.09 0.00	44.58 -2.61 0.00	52.59 -2.75 0.00	55.14 -3.06 0.00	52.04 -3.01 0.00	58.81 -3.25 0.00	58.97 -2.98 0.00	61.46 -3.18 0.00	58.87 -3.14 0.00	44.83 -2.15 -0.53	49.76 -2.60 -0.07	41.19 -2.14 -1.92	37.15 -1.89 -3.21	52.23 -3.49 0.00	86.16 -5.01 0.00	65.55 -3.79 0.00
STA_82___115KV_TB1 80780	45.15 -3.00 0.00	44.70 -3.08 0.00	38.08 -2.63 0.00	40.85 -2.68 0.00	42.71 -2.78 0.00	51.48 -3.35 0.00	63.98 -4.37 0.00	43.37 -2.96 -0.72	48.98 -3.53 0.00	44.18 -3.02 0.00	52.11 -3.23 0.00	54.62 -3.58 0.00	51.59 -3.46 0.00	58.27 -3.80 -0.01	58.42 -3.54 0.00	60.89 -3.76 0.00	58.31 -3.71 0.00	44.40 -2.60 -0.56	49.28 -3.09 -0.07	40.82 -2.54 -1.95	36.85 -2.22 -3.25	51.74 -3.97 0.00	85.40 -5.81 -0.03	65.03 -4.35 -0.04
STEEL___WIND 323596	42.45 -4.42 1.27	43.25 -4.52 0.00	36.88 -3.83 0.00	39.71 -3.82 0.00	41.58 -3.91 0.00	50.06 -4.77 0.00	61.94 -6.42 0.00	42.22 -4.36 -0.98	47.23 -5.28 0.00	42.75 -4.45 0.00	50.63 -4.72 0.00	52.88 -5.32 0.00	49.65 -5.06 0.34	50.52 -5.38 6.16	51.54 -5.17 5.25	53.57 -5.72 5.35	43.41 -5.77 12.84	29.16 -4.25 13.02	31.40 -5.04 15.84	24.88 -4.11 12.42	21.54 -3.62 10.67	35.16 -6.09 14.47	53.37 -8.62 29.19	39.56 -6.29 23.50
STEPHTWN_115KV_BK_2 55603	50.68 2.53 0.00	50.17 2.39 0.00	42.79 2.09 0.00	45.80 2.27 0.00	47.85 2.36 0.00	57.71 2.88 0.00	72.30 3.95 0.00	55.92 2.82 -7.49	55.66 3.15 0.00	49.64 2.45 0.00	58.34 3.00 0.00	61.20 2.99 0.00	57.82 2.77 0.00	65.32 3.26 0.00	65.18 3.22 0.00	68.34 3.70 0.00	65.90 3.89 0.00	82.72 3.22 -33.06	75.97 3.64 -20.04	82.11 2.84 -37.87	71.15 2.38 -32.95	59.26 3.55 0.00	96.19 5.01 0.00	72.70 3.36 0.00
STEUBEN_REC_LFGE 323667	46.54 -4.63 -3.02	42.97 -4.80 0.00	36.71 -4.00 0.00	39.33 -4.20 0.00	41.51 -3.97 0.00	50.75 -4.08 0.00	64.65 -3.70 0.00	44.66 -2.24 -1.29	48.97 -3.54 0.00	44.04 -3.15 0.00	52.35 -3.00 0.00	55.19 -3.01 0.00	52.73 -3.16 -0.84	72.97 -3.73 -14.64	70.88 -3.63 -12.55	73.30 -4.15 -12.81	88.62 -4.08 -30.69	84.54 -2.84 -40.94	91.97 -3.44 -43.12	82.46 -3.11 -44.16	74.85 -2.95 -41.97	85.00 -5.31 -34.59	153.41 -7.87 -70.10	119.82 -6.13 -56.61
STILLWATER___SOLAR 323814	50.57 2.42 0.00	50.09 2.32 0.00	42.69 1.98 0.00	45.66 2.13 0.00	47.73 2.24 0.00	57.58 2.75 0.00	72.11 3.76 0.00	55.93 2.64 -7.69	55.48 2.97 0.00	49.54 2.34 0.00	58.12 2.78 0.00	61.06 2.86 0.00	57.80 2.76 0.00	65.17 3.11 0.00	65.04 3.08 0.00	68.14 3.50 0.00	65.74 3.73 0.00	97.83 3.01 -48.38	86.38 3.39 -30.71	92.49 2.68 -48.40	71.93 2.27 -33.84	59.00 3.29 0.00	95.98 4.80 0.00	72.69 3.35 0.00
STONY___BROOK 24151	56.26 4.50 -3.61	51.96 4.19 0.00	44.15 3.44 0.00	47.20 3.67 0.00	49.19 3.70 0.00	59.69 4.86 0.00	75.03 6.68 0.00	56.23 4.88 -5.74	57.92 5.41 0.00	51.40 4.20 0.00	60.23 4.88 0.00	63.29 5.09 0.00	59.75 4.70 0.00	67.41 5.35 0.00	67.47 5.51 0.00	71.07 6.43 0.00	68.54 6.53 0.00	65.72 4.92 -14.37	65.46 5.51 -7.66	72.52 5.10 -26.01	65.36 4.34 -25.19	61.88 6.17 0.00	100.05 8.87 0.00	75.68 6.34 0.00
STURGEON_POOL_HYD 23609	52.53 4.38 0.00	51.97 4.20 0.00	44.26 3.56 0.00	47.28 3.75 0.00	49.37 3.88 0.00	59.79 4.96 0.00	75.34 6.99 0.00	56.51 5.12 -5.79	58.19 5.68 0.00	51.87 4.68 0.00	61.02 5.68 0.00	64.05 5.85 0.00	60.68 5.63 0.00	68.33 6.27 0.00	68.31 6.36 0.00	71.61 6.97 0.00	69.37 7.36 0.00	69.62 6.08 -17.10	68.60 6.79 -9.52	70.64 5.37 -23.86	66.10 4.45 -25.82	61.97 6.26 0.00	100.47 9.29 0.00	75.91 6.56 0.00
ST_LAW_115_BK7_LBMP 345037	48.16 0.01 0.00	47.85 0.08 0.00	40.72 0.01 0.00	43.57 0.04 0.00	45.50 0.02 0.00	54.62 -0.21 0.00	67.63 -0.73 0.00	44.90 -0.71 0.00	51.84 -0.67 0.00	46.83 -0.37 0.00	54.69 -0.66 0.00	57.57 -0.63 0.00	54.34 -0.71 0.00	61.34 -0.72 0.00	61.28 -0.68 0.00	63.78 -0.85 0.00	60.98 -1.02 0.00	45.36 -1.08 0.00	51.11 -1.18 0.00	40.47 -0.94 0.00	35.11 -0.72 0.00	54.98 -0.73 0.00	90.52 -0.67 0.00	69.19 -0.14 0.00

ST_LAW_115_BK8_LBMP 345038	48.16 0.01 0.00	47.85 0.08 0.00	40.72 0.01 0.00	43.57 0.04 0.00	45.50 0.02 0.00	54.62 -0.21 0.00	67.63 -0.73 0.00	44.90 -0.71 0.00	51.84 -0.67 0.00	46.83 -0.37 0.00	54.69 -0.66 0.00	57.57 -0.63 0.00	54.34 -0.71 0.00	61.34 -0.72 0.00	61.28 -0.68 0.00	63.78 -0.85 0.00	60.98 -1.02 0.00	45.36 -1.08 0.00	51.11 -1.18 0.00	40.47 -0.94 0.00	35.11 -0.72 0.00	54.98 -0.73 0.00	90.52 -0.67 0.00	69.19 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	48.14 -0.01 0.00	47.82 0.04 0.00	40.70 -0.01 0.00	43.55 0.02 0.00	45.48 -0.01 0.00	54.62 -0.21 0.00	67.66 -0.70 0.00	44.94 -0.67 0.00	51.89 -0.62 0.00	46.85 -0.34 0.00	54.75 -0.60 0.00	57.63 -0.58 0.00	54.39 -0.65 0.00	61.40 -0.66 0.00	61.34 -0.61 0.00	63.86 -0.78 0.00	61.06 -0.95 0.00	45.43 -1.00 0.00	51.20 -1.09 0.00	40.53 -0.88 0.00	35.16 -0.66 0.00	55.03 -0.68 0.00	90.55 -0.63 0.00	69.19 -0.15 0.00
ST_LAW_230_BK6_LBMP 345036	48.14 -0.01 0.00	47.82 0.04 0.00	40.70 -0.01 0.00	43.55 0.02 0.00	45.48 -0.01 0.00	54.62 -0.21 0.00	67.66 -0.70 0.00	44.94 -0.67 0.00	51.89 -0.62 0.00	46.85 -0.34 0.00	54.75 -0.60 0.00	57.63 -0.58 0.00	54.39 -0.65 0.00	61.40 -0.66 0.00	61.34 -0.61 0.00	63.86 -0.78 0.00	61.06 -0.95 0.00	45.43 -1.00 0.00	51.20 -1.09 0.00	40.53 -0.88 0.00	35.16 -0.66 0.00	55.03 -0.68 0.00	90.55 -0.63 0.00	69.19 -0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.45 2.30 0.00	49.97 2.20 0.00	42.59 1.88 0.00	45.50 1.97 0.00	47.50 2.01 0.00	57.42 2.59 0.00	72.11 3.76 0.00	53.46 2.77 -5.09	55.46 2.95 0.00	49.54 2.35 0.00	58.19 2.85 0.00	61.11 2.91 0.00	57.89 2.84 0.00	65.28 3.22 0.00	65.17 3.21 0.00	68.29 3.66 0.00	66.00 3.99 0.00	63.29 3.42 -13.44	63.27 3.80 -7.17	64.75 3.02 -20.32	61.82 2.49 -23.50	59.10 3.39 0.00	96.05 4.86 0.00	72.71 3.37 0.00
SWANROAD_115KV_TB1 355699	41.42 -5.80 0.93	41.86 -5.91 0.00	35.65 -5.06 0.00	38.35 -5.18 0.00	40.08 -5.41 0.00	48.22 -6.61 0.00	59.30 -9.05 0.00	40.20 -6.31 -0.90	45.00 -7.50 0.00	40.71 -6.49 0.00	48.17 -7.17 0.00	50.39 -7.81 0.00	47.40 -7.39 0.26	49.76 -7.77 4.53	50.60 -7.43 3.93	52.68 -7.98 3.98	44.41 -7.98 9.61	31.61 -5.86 8.96	33.94 -6.84 11.51	27.64 -5.49 8.28	24.27 -4.65 6.90	36.83 -8.05 10.83	58.22 -11.55 21.41	44.06 -8.28 17.00
SYNERGY___BIOGAS 323694	44.39 -3.14 0.62	44.47 -3.30 0.00	37.88 -2.83 0.00	40.70 -2.83 0.00	42.61 -2.88 0.00	51.36 -3.47 0.00	63.64 -4.72 0.00	43.20 -3.23 -0.83	48.62 -3.88 0.00	43.83 -3.36 0.00	51.68 -3.66 0.00	54.12 -4.08 0.00	50.62 -4.26 0.17	54.76 -4.31 2.98	55.44 -3.95 2.57	58.07 -3.96 2.61	51.96 -3.78 6.27	38.46 -2.61 5.37	41.88 -3.17 7.23	34.16 -2.64 4.61	29.93 -2.35 3.55	44.45 -4.19 7.07	71.26 -5.80 14.13	53.74 -4.30 11.30
SYRACUSE___ENERGY_ST1 323597	47.11 -1.05 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.92 0.00	44.58 -0.91 0.00	53.82 -1.02 0.00	67.29 -1.06 0.00	45.54 -0.65 -0.58	51.69 -0.82 0.00	46.43 -0.77 0.00	54.54 -0.80 0.00	57.26 -0.94 0.00	54.20 -0.85 0.00	61.09 -0.97 0.00	61.02 -0.94 0.00	63.71 -0.93 0.00	61.19 -0.81 0.00	46.42 -0.46 -0.44	51.79 -0.55 -0.06	42.55 -0.45 -1.59	38.06 -0.44 -2.67	54.77 -0.94 0.00	89.65 -1.53 0.00	68.08 -1.26 0.00
SYRACUSE___ENERGY_ST2 323598	47.11 -1.05 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.92 0.00	44.58 -0.91 0.00	53.82 -1.02 0.00	67.29 -1.06 0.00	45.54 -0.65 -0.58	51.69 -0.82 0.00	46.43 -0.77 0.00	54.54 -0.80 0.00	57.26 -0.94 0.00	54.20 -0.85 0.00	61.09 -0.97 0.00	61.02 -0.94 0.00	63.71 -0.93 0.00	61.19 -0.81 0.00	46.42 -0.46 -0.44	51.79 -0.55 -0.06	42.55 -0.45 -1.59	38.06 -0.44 -2.67	54.77 -0.94 0.00	89.65 -1.53 0.00	68.08 -1.26 0.00
SYRACUSE___POWER 24017	47.14 -1.01 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.93 0.00	44.57 -0.92 0.00	53.82 -1.01 0.00	67.27 -1.08 0.00	45.57 -0.64 -0.61	51.71 -0.80 0.00	46.46 -0.74 0.00	54.59 -0.76 0.00	57.32 -0.88 0.00	54.26 -0.79 0.00	61.16 -0.90 0.00	61.07 -0.88 0.00	63.77 -0.87 0.00	61.22 -0.79 0.00	46.47 -0.43 -0.46	51.82 -0.52 -0.06	42.62 -0.45 -1.66	38.16 -0.45 -2.78	54.76 -0.95 0.00	89.63 -1.55 0.00	68.03 -1.31 0.00
TALLMAN___138KV_BK151 55660	50.74 2.59 0.00	50.24 2.47 0.00	42.82 2.12 0.00	45.74 2.21 0.00	47.75 2.26 0.00	57.75 2.92 0.00	72.56 4.21 0.00	53.99 3.09 -5.30	55.80 3.30 0.00	49.80 2.61 0.00	58.50 3.15 0.00	61.40 3.20 0.00	58.19 3.14 0.00	65.41 3.35 0.00	65.31 3.35 0.00	68.45 3.81 0.00	66.19 4.18 0.00	63.83 3.61 -13.78	63.66 4.01 -7.35	65.46 3.20 -20.85	62.61 2.65 -24.13	59.30 3.59 0.00	96.32 5.14 0.00	72.90 3.56 0.00
TEALLAVE_115KV_TB7 355573	46.86 -1.29 0.00	46.46 -1.32 0.00	39.59 -1.13 0.00	42.35 -1.18 0.00	44.30 -1.19 0.00	53.49 -1.34 0.00	66.80 -1.55 0.00	45.17 -0.96 -0.51	51.36 -1.15 0.00	46.14 -1.05 0.00	54.21 -1.14 0.00	56.91 -1.30 0.00	53.87 -1.18 0.00	60.75 -1.31 0.00	60.68 -1.28 0.00	63.35 -1.29 0.00	60.81 -1.20 0.00	46.05 -0.77 -0.39	51.42 -0.91 -0.05	42.04 -0.75 -1.39	37.44 -0.71 -2.32	54.36 -1.36 0.00	88.98 -2.20 0.00	67.55 -1.78 0.00
TELGRAPH_34_KV_EAST 80808	43.00 -4.38 0.78	43.26 -4.51 0.00	36.86 -3.85 0.00	39.64 -3.89 0.00	41.44 -4.04 0.00	49.90 -4.93 0.00	61.65 -6.70 0.00	41.82 -4.64 -0.86	46.98 -5.53 0.00	42.41 -4.78 0.00	50.14 -5.21 0.00	52.44 -5.77 0.00	49.25 -5.58 0.21	52.47 -5.85 3.75	53.24 -5.50 3.22	55.55 -5.82 3.27	48.29 -5.84 7.88	35.02 -4.22 7.20	37.97 -4.99 9.33	30.88 -4.05 6.49	27.10 -3.47 5.27	40.64 -6.19 8.88	64.74 -8.71 17.73	48.82 -6.34 14.18
TEMPLE___115KV_TB 2 55572	46.88 -1.27 0.00	46.47 -1.30 0.00	39.62 -1.09 0.00	42.37 -1.16 0.00	44.32 -1.17 0.00	53.51 -1.32 0.00	66.83 -1.53 0.00	45.20 -0.93 -0.52	51.37 -1.14 0.00	46.16 -1.04 0.00	54.24 -1.10 0.00	56.94 -1.27 0.00	53.93 -1.12 0.00	60.81 -1.25 0.00	60.71 -1.25 0.00	63.38 -1.26 0.00	60.85 -1.16 0.00	46.10 -0.73 -0.39	51.46 -0.88 -0.05	42.09 -0.73 -1.41	37.50 -0.68 -2.35	54.39 -1.32 0.00	89.02 -2.16 0.00	67.59 -1.75 0.00
TIANA____69_KV_BK 1 55817	56.60 4.85 -3.60	52.30 4.52 0.00	44.43 3.72 0.00	47.52 3.99 0.00	49.55 4.07 0.00	60.20 5.37 0.00	75.70 7.35 0.00	56.71 5.36 -5.74	58.39 5.88 0.00	51.71 4.52 0.00	60.53 5.18 0.00	63.57 5.37 0.00	59.96 4.91 0.00	67.78 5.72 0.00	67.68 5.73 0.00	71.34 6.70 0.00	68.74 6.73 0.00	66.08 5.28 -14.37	65.89 5.93 -7.66	72.87 5.47 -25.99	65.74 4.72 -25.19	62.50 6.79 0.00	101.06 9.88 0.00	76.26 6.92 0.00
TILDEN___115KV_TB1 80814	47.14 -1.01 0.00	46.73 -1.04 0.00	39.83 -0.88 0.00	42.61 -0.93 0.00	44.57 -0.92 0.00	53.82 -1.01 0.00	67.27 -1.08 0.00	45.57 -0.64 -0.61	51.71 -0.80 0.00	46.46 -0.74 0.00	54.59 -0.76 0.00	57.32 -0.88 0.00	54.26 -0.79 0.00	61.16 -0.90 0.00	61.07 -0.88 0.00	63.77 -0.87 0.00	61.22 -0.79 0.00	46.47 -0.43 -0.46	51.82 -0.52 -0.06	42.62 -0.45 -1.66	38.16 -0.45 -2.78	54.76 -0.95 0.00	89.63 -1.55 0.00	68.03 -1.31 0.00

TRIGEN__CC 323695	57.02 3.71 -5.16	51.27 3.49 0.00	43.58 2.87 0.00	46.60 3.07 0.00	48.57 3.09 0.00	58.80 3.96 0.00	73.85 5.49 0.00	55.37 4.02 -5.74	56.97 4.46 0.00	50.70 3.51 0.00	59.51 4.16 0.00	62.57 4.37 0.00	59.16 4.11 0.00	66.55 4.49 0.00	66.52 4.56 0.00	69.79 5.16 0.00	67.37 5.36 0.00	65.19 4.38 -14.37	64.84 4.89 -7.66	74.73 4.07 -29.24	64.45 3.43 -25.19	60.56 4.85 0.00	97.95 6.77 0.00	74.27 4.93 0.00
TRINITY__115KV__ 4 BK 55933	50.11 1.96 0.00	49.63 1.86 0.00	42.30 1.59 0.00	45.23 1.70 0.00	47.26 1.77 0.00	56.97 2.13 0.00	71.17 2.81 0.00	55.15 2.03 -7.51	54.77 2.26 0.00	48.95 1.75 0.00	57.49 2.15 0.00	60.45 2.24 0.00	57.24 2.19 0.00	64.39 2.33 0.00	64.28 2.33 0.00	67.34 2.70 0.00	64.83 2.82 0.00	82.52 2.28 -33.81	75.39 2.54 -20.55	81.83 2.03 -38.39	70.57 1.72 -33.02	58.27 2.56 0.00	94.65 3.47 0.00	71.79 2.45 0.00
UNION__PROCESSING_DRP 323587	45.18 -2.97 0.00	44.70 -3.08 0.00	38.09 -2.62 0.00	40.85 -2.68 0.00	42.72 -2.77 0.00	51.49 -3.34 0.00	64.00 -4.35 0.00	43.38 -2.95 -0.72	49.00 -3.51 0.00	44.19 -3.01 0.00	52.13 -3.22 0.00	54.63 -3.57 0.00	51.60 -3.45 0.00	58.29 -3.78 -0.01	58.43 -3.53 0.00	60.91 -3.73 0.00	58.33 -3.69 0.00	44.42 -2.58 -0.56	49.30 -3.07 -0.08	40.86 -2.51 -1.96	36.88 -2.21 -3.25	51.77 -3.95 -0.01	85.45 -5.77 -0.03	65.06 -4.33 -0.04
UPPER HUDSON__HYD 24058	50.19 2.03 0.00	49.67 1.90 0.00	42.35 1.64 0.00	45.29 1.76 0.00	47.38 1.89 0.00	57.20 2.36 0.00	71.77 3.42 0.00	55.73 2.40 -7.72	55.28 2.77 0.00	49.35 2.16 0.00	57.85 2.51 0.00	60.78 2.57 0.00	57.50 2.45 0.00	64.77 2.71 0.00	64.70 2.74 0.00	67.86 3.22 0.00	65.57 3.56 0.00	99.20 2.91 -49.85	87.30 3.28 -31.72	93.48 2.62 -49.45	72.03 2.20 -34.00	58.83 3.12 0.00	95.54 4.36 0.00	72.30 2.96 0.00
UPPER RAQUET__HYD 24056	47.14 -1.01 0.00	46.84 -0.93 0.00	39.84 -0.87 0.00	42.66 -0.88 0.00	44.54 -0.95 0.00	53.23 -1.60 0.00	66.02 -2.33 0.00	43.88 -1.72 0.00	50.72 -1.79 0.00	45.74 -1.46 0.00	53.17 -2.18 0.00	55.79 -2.41 0.00	52.69 -2.36 0.00	59.42 -2.64 0.00	59.40 -2.56 0.00	62.01 -2.63 0.00	59.72 -2.29 0.00	44.44 -2.00 0.00	50.15 -2.14 0.00	39.68 -1.73 0.00	34.38 -1.44 0.00	53.86 -1.85 0.00	88.91 -2.27 0.00	68.05 -1.29 0.00
VALLEY44_115KV_TB2 355964	44.83 -2.85 0.48	44.82 -2.95 0.00	38.23 -2.48 0.00	41.07 -2.46 0.00	43.10 -2.38 0.00	51.71 -3.13 0.00	64.16 -4.19 0.00	43.80 -2.91 -1.10	48.98 -3.53 0.00	44.24 -2.96 0.00	52.44 -2.91 0.00	55.31 -2.90 0.00	52.28 -2.64 0.13	57.20 -2.56 2.30	57.22 -2.79 1.95	59.05 -3.60 1.99	53.25 -3.98 4.77	40.68 -2.89 2.87	44.01 -3.45 4.83	36.90 -2.81 1.70	32.57 -2.61 0.66	45.70 -4.62 5.38	74.49 -5.87 10.82	56.37 -4.28 8.69
VALLEY__115KV_TB 1-4 80826	48.41 0.26 0.00	47.99 0.21 0.00	40.92 0.21 0.00	43.69 0.16 0.00	45.68 0.19 0.00	55.23 0.40 0.00	69.25 0.90 0.00	46.43 0.82 0.00	53.42 0.91 0.00	47.83 0.63 0.00	56.29 0.95 0.00	59.23 1.03 0.00	55.97 0.92 0.00	63.12 1.06 0.00	62.93 0.98 0.00	65.87 1.23 0.00	63.33 1.32 0.00	47.65 1.21 0.00	53.64 1.36 0.00	42.43 1.02 0.00	36.57 0.74 0.00	56.80 1.09 0.00	93.03 1.85 0.00	70.04 0.70 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.25 3.10 0.00	50.81 3.04 0.00	43.30 2.59 0.00	46.30 2.77 0.00	48.44 2.95 0.00	58.59 3.76 0.00	73.60 5.25 0.00	51.76 3.56 -2.59	56.62 4.12 0.00	50.75 3.55 0.00	59.76 4.41 0.00	62.81 4.61 0.00	59.39 4.34 0.00	66.91 4.85 0.00	66.81 4.85 0.00	69.98 5.34 0.00	67.35 5.34 0.00	61.40 4.16 -10.81	63.38 4.60 -6.49	57.68 3.60 -12.67	50.23 3.04 -11.37	60.04 4.33 0.00	98.06 6.88 0.00	74.29 4.95 0.00
VISCHER__FERRY HYD 24020	50.35 2.20 0.00	49.87 2.09 0.00	42.50 1.79 0.00	45.45 1.91 0.00	47.50 2.01 0.00	57.26 2.42 0.00	71.54 3.19 0.00	55.46 2.27 -7.58	55.05 2.54 0.00	49.16 1.96 0.00	57.74 2.39 0.00	60.69 2.49 0.00	57.46 2.42 0.00	64.70 2.64 0.00	64.53 2.58 0.00	67.61 2.98 0.00	65.13 3.12 0.00	92.29 2.54 -43.32	82.33 2.84 -27.20	88.51 2.28 -44.83	71.11 1.93 -33.35	58.53 2.82 0.00	95.17 3.99 0.00	72.16 2.82 0.00
V_A_10_SYNC_DSASP 323832	42.86 -4.67 0.61	43.03 -4.75 0.00	36.67 -4.04 0.00	39.40 -4.13 0.00	41.18 -4.30 0.00	49.53 -5.30 0.00	61.25 -7.10 0.00	41.50 -4.92 -0.81	46.66 -5.85 0.00	42.14 -5.05 0.00	49.82 -5.53 0.00	52.19 -6.01 0.00	49.18 -5.70 0.17	52.91 -6.21 2.94	53.48 -5.95 2.52	55.65 -6.41 2.58	49.42 -6.42 6.17	36.30 -4.64 5.50	39.66 -5.44 7.19	32.27 -4.38 4.76	28.30 -3.83 3.70	42.40 -6.36 6.95	67.66 -9.38 14.14	51.05 -6.85 11.45
V_CMM_10_SYNC_DSASP 323787	48.42 0.26 0.00	48.09 0.32 0.00	40.93 0.22 0.00	43.80 0.27 0.00	45.74 0.25 0.00	54.90 0.06 0.00	67.98 -0.38 0.00	45.15 -0.46 0.00	52.13 -0.38 0.00	47.07 -0.13 0.00	54.98 -0.37 0.00	57.87 -0.33 0.00	54.61 -0.43 0.00	61.66 -0.40 0.00	61.61 -0.35 0.00	64.12 -0.52 0.00	61.31 -0.70 0.00	45.60 -0.84 0.00	51.40 -0.89 0.00	40.69 -0.72 0.00	35.31 -0.52 0.00	55.28 -0.44 0.00	90.98 -0.19 0.00	69.55 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	47.93 -0.22 0.00	47.58 -0.19 0.00	40.42 -0.29 0.00	43.27 -0.26 0.00	45.18 -0.31 0.00	54.15 -0.68 0.00	67.03 -1.33 0.00	44.62 -0.99 0.00	51.59 -0.92 0.00	46.37 -0.82 0.00	54.25 -1.09 0.00	57.15 -1.05 0.00	53.72 -1.32 0.00	60.85 -1.21 0.00	60.95 -1.01 0.00	64.33 -0.31 0.00	62.07 0.06 0.00	46.20 -0.24 0.00	51.93 -0.36 0.00	40.92 -0.49 0.00	35.33 -0.50 0.00	55.19 -0.52 0.00	90.77 -0.42 0.00	69.74 0.41 0.00
V_D_10_SYNC_DSASP 323841	48.60 0.45 0.00	48.28 0.51 0.00	41.07 0.36 0.00	43.96 0.43 0.00	45.90 0.41 0.00	54.92 0.08 0.00	68.03 -0.32 0.00	45.17 -0.44 0.00	52.16 -0.35 0.00	47.09 -0.11 0.00	54.94 -0.41 0.00	57.80 -0.41 0.00	54.55 -0.49 0.00	61.57 -0.49 0.00	61.54 -0.42 0.00	64.07 -0.56 0.00	61.37 -0.64 0.00	45.65 -0.79 0.00	51.47 -0.82 0.00	40.73 -0.68 0.00	35.35 -0.48 0.00	55.33 -0.38 0.00	91.13 -0.06 0.00	69.65 0.31 0.00
V_E_10_SYNC_DSASP 323830	48.56 0.41 0.00	48.17 0.40 0.00	41.10 0.39 0.00	43.97 0.43 0.00	46.08 0.60 0.00	56.07 1.24 0.00	71.05 2.70 0.00	51.98 4.13 -2.24	58.11 5.60 0.00	51.45 4.26 0.00	60.96 5.62 0.00	63.98 5.78 0.00	59.88 4.83 0.00	67.53 5.47 0.00	67.16 5.20 0.00	71.11 6.47 0.00	67.02 5.01 0.00	56.49 3.97 -6.08	59.57 3.78 -3.49	52.00 2.63 -7.95	45.95 2.04 -8.09	57.71 2.00 0.00	94.91 3.73 0.00	71.49 2.15 0.00
V_F_30_NSYNC__DSASP 323816	50.61 2.46 0.00	50.12 2.35 0.00	42.73 2.02 0.00	45.69 2.16 0.00	47.78 2.29 0.00	57.64 2.80 0.00	72.18 3.83 0.00	55.99 2.68 -7.70	55.53 3.02 0.00	49.59 2.40 0.00	58.20 2.85 0.00	61.15 2.94 0.00	57.89 2.84 0.00	65.27 3.22 0.00	65.14 3.18 0.00	68.24 3.60 0.00	65.83 3.82 0.00	98.54 3.07 -49.04	86.90 3.45 -31.16	93.01 2.73 -48.87	72.04 2.30 -33.91	59.05 3.34 0.00	96.07 4.89 0.00	72.77 3.43 0.00

V_F_30_SYNC_DSASP 323786	50.25 2.10 0.00	49.77 2.00 0.00	42.42 1.72 0.00	45.34 1.81 0.00	47.40 1.91 0.00	57.14 2.31 0.00	71.43 3.07 0.00	55.38 2.21 -7.56	54.98 2.47 0.00	49.14 1.95 0.00	57.72 2.38 0.00	60.68 2.48 0.00	57.46 2.41 0.00	64.64 2.58 0.00	64.54 2.58 0.00	67.62 2.99 0.00	65.08 3.07 0.00	86.54 2.49 -37.61	78.26 2.77 -23.20	84.62 2.20 -41.02	70.95 1.86 -33.26	58.47 2.76 0.00	94.97 3.79 0.00	72.06 2.72 0.00
V_XM_10_SYNC_DSASP 323789	47.93 -0.22 0.00	47.58 -0.19 0.00	40.42 -0.29 0.00	43.27 -0.26 0.00	45.18 -0.31 0.00	54.15 -0.68 0.00	67.03 -1.33 0.00	44.62 -0.99 0.00	51.59 -0.92 0.00	46.37 -0.82 0.00	54.25 -1.09 0.00	57.15 -1.05 0.00	53.72 -1.32 0.00	60.85 -1.21 0.00	60.95 -1.01 0.00	64.33 -0.31 0.00	62.07 0.06 0.00	46.20 -0.24 0.00	51.93 -0.36 0.00	40.92 -0.49 0.00	35.33 -0.50 0.00	55.19 -0.52 0.00	90.77 -0.42 0.00	69.74 0.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.90 2.75 0.00	50.41 2.64 0.00	42.96 2.25 0.00	45.90 2.37 0.00	47.91 2.43 0.00	57.93 3.10 0.00	72.80 4.45 0.00	54.21 3.25 -5.35	55.97 3.46 0.00	49.96 2.77 0.00	58.68 3.33 0.00	61.60 3.40 0.00	58.36 3.31 0.00	65.61 3.55 0.00	65.51 3.56 0.00	68.65 4.02 0.00	66.38 4.37 0.00	64.06 3.76 -13.86	63.87 4.18 -7.39	65.73 3.35 -20.98	62.86 2.76 -24.27	59.48 3.77 0.00	96.59 5.41 0.00	73.09 3.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.20 3.05 0.00	50.71 2.94 0.00	43.20 2.49 0.00	46.13 2.60 0.00	48.13 2.64 0.00	58.16 3.33 0.00	73.19 4.84 0.00	54.94 3.60 -5.74	56.50 3.99 0.00	50.42 3.22 0.00	59.21 3.86 0.00	62.18 3.98 0.00	58.94 3.90 0.00	66.11 4.05 0.00	66.01 4.05 0.00	69.16 4.52 0.00	66.87 4.87 0.00	64.89 4.10 -14.36	64.50 4.55 -7.66	66.77 3.61 -21.75	63.96 2.96 -25.18	59.79 4.08 0.00	96.99 5.81 0.00	73.35 4.00 0.00
W50THST__13_KV_LOAD 356117	51.41 3.26 0.00	50.93 3.16 0.00	43.40 2.70 0.00	46.30 2.76 0.00	48.29 2.81 0.00	58.36 3.52 0.00	73.45 5.10 0.00	55.15 3.80 -5.74	56.74 4.23 0.00	50.64 3.44 0.00	59.48 4.14 0.00	62.45 4.25 0.00	59.20 4.15 0.00	66.42 4.36 0.00	66.31 4.35 0.00	69.46 4.82 0.00	67.16 5.15 0.00	65.10 4.30 -14.36	64.71 4.76 -7.66	66.93 3.77 -21.75	64.09 3.08 -25.18	59.97 4.26 0.00	97.27 6.09 0.00	73.55 4.21 0.00
WADING RIVER_IC_1 23522	56.50 4.74 -3.60	52.19 4.42 0.00	44.34 3.63 0.00	47.42 3.88 0.00	49.44 3.95 0.00	60.03 5.20 0.00	75.44 7.09 0.00	56.52 5.18 -5.74	58.19 5.67 0.00	51.57 4.37 0.00	60.37 5.03 0.00	63.41 5.21 0.00	59.84 4.79 0.00	67.60 5.54 0.00	67.56 5.60 0.00	71.23 6.59 0.00	68.48 6.48 0.00	65.87 5.07 -14.37	65.64 5.68 -7.66	72.76 5.37 -25.99	65.61 4.59 -25.19	62.28 6.57 0.00	100.73 9.55 0.00	76.09 6.74 0.00
WADING RIVER_IC_2 23547	56.50 4.74 -3.60	52.19 4.42 0.00	44.34 3.63 0.00	47.42 3.88 0.00	49.44 3.95 0.00	60.03 5.20 0.00	75.44 7.09 0.00	56.52 5.18 -5.74	58.19 5.67 0.00	51.57 4.37 0.00	60.37 5.03 0.00	63.41 5.21 0.00	59.84 4.79 0.00	67.60 5.54 0.00	67.56 5.60 0.00	71.23 6.59 0.00	68.48 6.48 0.00	65.87 5.07 -14.37	65.64 5.68 -7.66	72.76 5.37 -25.99	65.61 4.59 -25.19	62.28 6.57 0.00	100.73 9.55 0.00	76.09 6.74 0.00
WADING RIVER_IC_3 23601	56.50 4.74 -3.60	52.19 4.42 0.00	44.34 3.63 0.00	47.42 3.88 0.00	49.44 3.95 0.00	60.03 5.20 0.00	75.44 7.09 0.00	56.52 5.18 -5.74	58.19 5.67 0.00	51.57 4.37 0.00	60.37 5.03 0.00	63.41 5.21 0.00	59.84 4.79 0.00	67.60 5.54 0.00	67.56 5.60 0.00	71.23 6.59 0.00	68.48 6.48 0.00	65.87 5.07 -14.37	65.64 5.68 -7.66	72.76 5.37 -25.99	65.61 4.59 -25.19	62.28 6.57 0.00	100.73 9.55 0.00	76.09 6.74 0.00
WALDENNY_12_KV_BK2 80841	42.57 -4.34 1.24	43.30 -4.47 0.00	36.90 -3.81 0.00	39.74 -3.80 0.00	41.59 -3.89 0.00	50.06 -4.77 0.00	61.97 -6.38 0.00	42.21 -4.37 -0.97	47.29 -5.22 0.00	42.77 -4.43 0.00	50.64 -4.70 0.00	52.95 -5.25 0.00	49.72 -5.00 0.33	50.73 -5.35 5.98	51.68 -5.18 5.10	53.81 -5.63 5.19	43.77 -5.76 12.47	29.66 -4.21 12.57	31.92 -5.01 15.36	25.38 -4.07 11.95	22.03 -3.55 10.25	35.37 -6.28 14.06	54.06 -8.80 28.32	40.16 -6.40 22.77
WALDEN__HYDRO 24148	51.00 2.85 0.00	50.50 2.73 0.00	43.03 2.32 0.00	45.97 2.44 0.00	48.00 2.51 0.00	58.05 3.22 0.00	72.96 4.61 0.00	54.33 3.36 -5.36	56.18 3.67 0.00	50.16 2.97 0.00	58.95 3.61 0.00	61.88 3.68 0.00	58.61 3.57 0.00	66.09 4.03 0.00	66.01 4.05 0.00	69.17 4.53 0.00	66.87 4.86 0.00	64.71 4.10 -14.17	64.47 4.58 -7.61	66.24 3.63 -21.20	63.15 3.00 -24.32	59.85 4.14 0.00	97.22 6.04 0.00	73.57 4.23 0.00
WARRENSBURG____ 23737	50.19 2.03 0.00	49.67 1.90 0.00	42.35 1.64 0.00	45.29 1.76 0.00	47.38 1.89 0.00	57.20 2.36 0.00	71.77 3.42 0.00	55.73 2.40 -7.72	55.28 2.77 0.00	49.35 2.16 0.00	57.85 2.51 0.00	60.78 2.57 0.00	57.50 2.45 0.00	64.77 2.71 0.00	64.70 2.74 0.00	67.86 3.22 0.00	65.57 3.56 0.00	99.20 2.91 -49.85	87.30 3.28 -31.72	93.48 2.62 -49.45	72.03 2.20 -34.00	58.83 3.12 0.00	95.54 4.36 0.00	72.30 2.96 0.00
WATERSIDE____6 8 9 23538	47.76 3.19 3.57	49.80 3.07 1.05	40.74 2.61 2.58	44.29 2.72 1.96	46.61 2.74 1.62	57.85 3.41 0.39	73.30 4.94 0.00	54.22 3.70 -4.92	56.28 4.09 0.32	49.02 3.34 1.51	59.31 3.97 0.00	62.32 4.13 0.01	59.04 4.06 0.07	66.22 4.15 0.00	66.03 4.19 0.12	69.31 4.67 0.00	37.66 5.08 29.43	49.73 4.23 0.93	36.55 4.71 20.44	41.29 3.74 3.86	52.79 3.07 -13.89	49.06 4.24 10.89	97.18 6.00 0.00	73.55 4.21 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.59 0.44 0.00	48.17 0.40 0.00	41.07 0.37 0.00	43.88 0.34 0.00	45.87 0.39 0.00	55.42 0.59 0.00	69.39 1.04 0.00	46.45 0.84 0.00	53.44 0.93 0.00	47.83 0.64 0.00	56.18 0.84 0.00	59.10 0.90 0.00	55.88 0.83 0.00	62.97 0.91 0.00	62.84 0.88 0.00	65.78 1.14 0.00	63.26 1.26 0.00	47.56 1.12 0.00	53.54 1.25 0.00	42.39 0.98 0.00	36.58 0.75 0.00	56.76 1.05 0.00	92.69 1.51 0.00	70.10 0.76 0.00
WATSON__69_KV_BK 1 55734	56.75 4.94 -3.66	52.38 4.60 0.00	44.51 3.80 0.00	47.58 4.05 0.00	49.59 4.10 0.00	60.15 5.32 0.00	75.63 7.28 0.00	56.63 5.28 -5.74	58.36 5.85 0.00	51.80 4.61 0.00	60.71 5.36 0.00	63.79 5.58 0.00	60.22 5.17 0.00	67.93 5.87 0.00	68.00 6.04 0.00	71.63 6.99 0.00	69.13 7.12 0.00	66.34 5.54 -14.37	66.11 6.16 -7.66	72.94 5.41 -26.13	65.62 4.60 -25.19	62.34 6.63 0.00	100.78 9.60 0.00	76.25 6.91 0.00
WDELAWARE__HYD 323627	50.77 2.62 0.00	50.26 2.49 0.00	42.82 2.12 0.00	45.74 2.21 0.00	47.79 2.31 0.00	57.84 3.00 0.00	72.84 4.49 0.00	54.01 3.33 -5.07	56.16 3.65 0.00	50.18 2.99 0.00	58.96 3.62 0.00	61.88 3.68 0.00	58.61 3.56 0.00	66.07 4.01 0.00	66.02 4.06 0.00	69.17 4.53 0.00	66.90 4.90 0.00	64.51 4.15 -13.93	64.47 4.61 -7.57	65.45 3.66 -20.39	61.81 3.01 -22.97	59.82 4.11 0.00	97.18 6.00 0.00	73.48 4.14 0.00

WEST BABYLON___IC 23714	56.66 4.73 -3.78	52.20 4.43 0.00	44.36 3.65 0.00	47.41 3.88 0.00	49.40 3.91 0.00	59.88 5.05 0.00	75.25 6.90 0.00	56.36 5.01 -5.74	58.08 5.57 0.00	51.58 4.38 0.00	60.43 5.08 0.00	63.51 5.31 0.00	59.98 4.94 0.00	67.63 5.57 0.00	67.57 5.62 0.00	71.11 6.47 0.00	68.62 6.62 0.00	66.01 5.20 -14.37	65.75 5.80 -7.66	72.87 5.03 -26.43	65.33 4.31 -25.19	61.98 6.27 0.00	100.23 9.05 0.00	75.84 6.50 0.00
WEST CANADA___HYD 24049	48.25 0.10 0.00	47.87 0.10 0.00	40.79 0.08 0.00	43.62 0.09 0.00	45.58 0.09 0.00	54.99 0.16 0.00	68.61 0.26 0.00	45.88 0.27 0.00	52.78 0.27 0.00	47.37 0.17 0.00	55.62 0.27 0.00	58.47 0.27 0.00	55.32 0.28 0.00	62.34 0.28 0.00	62.22 0.26 0.00	64.95 0.31 0.00	62.36 0.35 0.00	46.77 0.33 0.00	52.67 0.38 0.00	41.70 0.29 0.00	36.05 0.22 0.00	56.02 0.31 0.00	91.63 0.45 0.00	69.62 0.28 0.00
WESTERN_NY_WIND 24143	44.25 -3.23 0.67	44.39 -3.38 0.00	37.80 -2.90 0.00	40.63 -2.90 0.00	42.51 -2.97 0.00	51.24 -3.59 0.00	63.50 -4.85 0.00	43.11 -3.33 -0.84	48.51 -4.00 0.00	43.72 -3.48 0.00	51.57 -3.78 0.00	53.99 -4.21 0.00	50.46 -4.40 0.18	54.29 -4.55 3.22	55.01 -4.17 2.77	57.65 -4.18 2.81	51.17 -4.06 6.78	37.69 -2.81 5.94	41.00 -3.40 7.89	33.41 -2.80 5.20	29.30 -2.44 4.09	43.48 -4.59 7.64	69.65 -6.28 15.26	52.49 -4.65 12.20
WESTOVER___LESR 323668	47.22 -0.93 0.00	46.81 -0.96 0.00	39.92 -0.80 0.00	42.71 -0.82 0.00	44.70 -0.78 0.00	54.02 -0.81 0.00	67.67 -0.68 0.00	47.12 -0.38 -1.89	51.99 -0.52 0.00	46.66 -0.54 0.00	54.90 -0.44 0.00	57.75 -0.45 0.00	54.63 -0.42 0.00	61.56 -0.51 0.00	61.43 -0.53 0.00	64.07 -0.57 0.00	61.52 -0.48 0.00	51.50 -0.18 -5.24	54.97 -0.19 -2.87	48.74 -0.22 -7.55	43.90 -0.33 -8.39	54.90 -0.81 0.00	90.07 -1.11 0.00	68.35 -0.99 0.00
WETHRSFD_WT_PWR 323626	38.58 -5.22 4.35	42.53 -5.24 0.00	36.26 -4.45 0.00	38.97 -4.56 0.00	41.08 -4.41 0.00	49.70 -5.13 0.00	62.26 -6.09 0.00	42.63 -4.08 -1.10	47.45 -5.06 0.00	42.87 -4.32 0.00	50.72 -4.62 0.00	53.02 -5.18 0.00	48.78 -5.08 1.19	35.23 -5.75 21.08	38.30 -5.64 18.01	40.25 -6.01 18.38	12.07 -5.90 44.04	-8.68 -4.26 50.85	-10.40 -5.07 57.63	-14.51 -4.21 51.71	-14.94 -3.78 46.98	-0.37 -6.44 49.64	-18.23 -8.90 100.51	-18.43 -6.65 81.12
WHAVSTOR_138KV_BK127 55557	50.73 2.58 0.00	50.23 2.46 0.00	42.82 2.12 0.00	45.74 2.21 0.00	47.74 2.26 0.00	57.72 2.89 0.00	72.53 4.18 0.00	54.03 3.06 -5.36	55.76 3.25 0.00	49.77 2.57 0.00	58.45 3.10 0.00	61.35 3.15 0.00	58.14 3.09 0.00	65.35 3.29 0.00	65.24 3.28 0.00	68.38 3.74 0.00	66.12 4.12 0.00	63.86 3.55 -13.88	63.63 3.94 -7.40	65.56 3.15 -21.00	62.73 2.60 -24.30	59.23 3.52 0.00	96.20 5.02 0.00	72.81 3.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.73 2.58 0.00	50.23 2.46 0.00	42.82 2.12 0.00	45.74 2.21 0.00	47.74 2.26 0.00	57.72 2.89 0.00	72.53 4.18 0.00	54.03 3.06 -5.36	55.76 3.25 0.00	49.77 2.57 0.00	58.45 3.10 0.00	61.35 3.15 0.00	58.14 3.09 0.00	65.35 3.29 0.00	65.24 3.28 0.00	68.38 3.74 0.00	66.12 4.12 0.00	63.86 3.55 -13.88	63.63 3.94 -7.40	65.56 3.15 -21.00	62.73 2.60 -24.30	59.23 3.52 0.00	96.20 5.02 0.00	72.81 3.47 0.00
WHITEHAL_115KV_TB1 80871	51.56 3.41 0.00	51.05 3.28 0.00	43.59 2.88 0.00	46.64 3.11 0.00	48.85 3.37 0.00	58.86 4.03 0.00	73.91 5.56 0.00	57.04 3.71 -7.72	56.88 4.37 0.00	50.42 3.22 0.00	59.09 3.75 0.00	62.17 3.97 0.00	58.78 3.73 0.00	66.10 4.04 0.00	65.93 3.98 0.00	69.54 4.91 0.00	67.60 5.59 0.00	100.31 4.36 -49.52	88.76 4.99 -31.49	94.70 4.08 -49.21	73.20 3.41 -33.97	60.66 4.95 0.00	98.23 7.05 0.00	74.15 4.82 0.00
WHITEPLN_13_KV_LOAD 356215	51.59 3.44 0.00	51.06 3.29 0.00	43.49 2.79 0.00	46.46 2.93 0.00	48.50 3.01 0.00	58.63 3.80 0.00	73.71 5.36 0.00	55.28 3.96 -5.71	56.86 4.35 0.00	50.76 3.57 0.00	59.66 4.32 0.00	62.63 4.43 0.00	59.34 4.29 0.00	66.60 4.54 0.00	66.52 4.57 0.00	69.73 5.09 0.00	67.44 5.43 0.00	65.32 4.55 -14.34	64.97 5.04 -7.65	67.12 4.00 -21.71	64.27 3.31 -25.13	60.31 4.60 0.00	97.85 6.67 0.00	74.03 4.69 0.00
WM_FLOYD_69_KV_BK2 356380	56.39 4.63 -3.60	52.09 4.32 0.00	44.26 3.55 0.00	47.31 3.78 0.00	49.32 3.83 0.00	59.86 5.03 0.00	75.23 6.88 0.00	56.37 5.02 -5.74	58.02 5.51 0.00	51.44 4.24 0.00	60.23 4.89 0.00	63.29 5.09 0.00	59.72 4.67 0.00	67.42 5.35 0.00	67.49 5.53 0.00	71.17 6.53 0.00	68.64 6.63 0.00	65.97 5.17 -14.37	65.75 5.79 -7.66	72.68 5.27 -26.00	65.50 4.49 -25.19	62.14 6.43 0.00	100.48 9.30 0.00	75.96 6.62 0.00
WOODARD___115KV_TB2 355635	46.80 -1.35 0.00	46.40 -1.37 0.00	39.54 -1.16 0.00	42.31 -1.23 0.00	44.25 -1.24 0.00	53.40 -1.43 0.00	66.71 -1.64 0.00	45.12 -1.01 -0.52	51.29 -1.22 0.00	46.08 -1.11 0.00	54.14 -1.21 0.00	56.84 -1.36 0.00	53.81 -1.24 0.00	60.66 -1.40 0.00	60.56 -1.39 0.00	63.25 -1.39 0.00	60.74 -1.27 0.00	46.01 -0.82 -0.39	51.37 -0.97 -0.05	42.04 -0.79 -1.42	37.47 -0.73 -2.37	54.33 -1.38 0.00	88.93 -2.25 0.00	67.53 -1.81 0.00
YORK___WARBASSE 23770	68.83 3.54 -17.14	56.20 3.40 -5.03	55.99 2.90 -12.38	55.98 3.05 -9.40	56.32 3.07 -7.76	60.47 3.76 -1.87	73.73 5.38 0.00	59.33 4.03 -9.69	58.45 4.39 -1.54	58.13 3.66 -7.27	59.60 4.26 0.00	62.75 4.50 -0.05	59.80 4.44 -0.32	66.52 4.46 0.00	67.10 4.58 -0.56	69.72 5.08 0.00	208.78 5.46 -141.31	138.77 4.53 -87.81	199.91 5.04 -142.58	190.15 4.03 -144.71	118.52 3.30 -79.39	112.58 4.59 -52.27	97.68 6.50 0.00	73.88 4.54 0.00