

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/15/2024

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	62.17	102.73	72.51	62.90	69.58	72.18	62.19	56.28	53.93	52.17	56.13	55.87	66.23	61.79	62.32	78.55	69.17	73.79	66.44	56.24	56.62	58.81	57.28	59.77
24138	4.42	6.29	4.24	3.31	3.67	4.05	3.55	3.34	3.49	3.32	3.19	2.90	3.37	3.25	3.28	4.24	4.12	4.96	4.42	3.34	3.22	3.09	2.84	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	62.19	102.77	72.57	62.95	69.65	72.23	62.25	56.30	53.97	52.18	56.17	55.90	66.28	61.86	62.39	78.65	69.28	73.90	66.54	56.34	56.69	58.87	57.33	59.82
24260	4.43	6.33	4.29	3.36	3.74	4.10	3.61	3.35	3.53	3.32	3.23	2.92	3.42	3.32	3.35	4.34	4.23	5.07	4.52	3.44	3.29	3.15	2.89	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	62.19	102.77	72.57	62.95	69.65	72.23	62.25	56.30	53.97	52.18	56.17	55.90	66.28	61.86	62.39	78.65	69.28	73.90	66.54	56.34	56.69	58.87	57.33	59.82
24261	4.43	6.33	4.29	3.36	3.74	4.10	3.61	3.35	3.53	3.32	3.23	2.92	3.42	3.32	3.35	4.34	4.23	5.07	4.52	3.44	3.29	3.15	2.89	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	61.40	101.97	72.17	62.92	69.57	71.78	61.99	56.15	53.40	51.42	55.38	55.31	65.63	61.48	62.17	78.65	69.15	73.54	66.46	56.32	56.71	58.89	57.21	59.41
24011	3.64	5.53	3.89	3.33	3.66	3.65	3.34	3.20	2.97	2.56	2.44	2.33	2.77	2.94	3.13	4.33	4.10	4.71	4.43	3.43	3.31	3.17	2.77	2.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	61.78	102.55	72.60	63.33	69.98	72.15	62.33	56.53	53.72	51.63	55.52	55.39	65.78	61.78	62.57	79.25	69.67	74.09	67.03	56.73	57.11	59.30	57.52	59.68
23798	4.02	6.11	4.33	3.74	4.07	4.02	3.69	3.58	3.28	2.78	2.58	2.41	2.91	3.24	3.54	4.92	4.62	5.25	5.01	3.83	3.70	3.58	3.07	2.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	61.40	101.97	72.17	62.92	69.57	71.78	61.99	56.15	53.40	51.42	55.38	55.31	65.63	61.48	62.17	78.65	69.15	73.54	66.46	56.32	56.71	58.89	57.21	59.41
24028	3.64	5.53	3.89	3.33	3.66	3.65	3.34	3.20	2.97	2.56	2.44	2.33	2.77	2.94	3.13	4.33	4.10	4.71	4.43	3.43	3.31	3.17	2.77	2.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	62.09	103.11	72.96	63.56	70.25	72.65	62.62	56.57	53.88	51.91	56.11	56.11	66.22	61.92	62.50	78.89	69.01	73.50	66.39	56.45	56.96	59.25	57.81	60.19
23527	4.34	6.67	4.68	3.97	4.33	4.51	3.98	3.63	3.44	3.06	3.18	3.13	3.36	3.37	3.47	4.57	3.96	4.67	4.36	3.55	3.56	3.53	3.37	3.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	60.01	99.77	70.57	61.48	68.00	70.37	60.66	54.82	52.28	50.45	54.50	54.56	64.55	60.13	60.24	75.97	66.66	70.96	63.93	54.37	54.80	57.24	56.20	58.54
24190	2.25	3.33	2.30	1.90	2.09	2.23	2.02	1.88	1.84	1.60	1.56	1.59	1.69	1.59	1.21	1.64	1.61	2.12	1.91	1.47	1.40	1.52	1.76	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	57.55	96.80	68.64	60.06	66.43	68.51	58.91	53.22	50.60	49.10	53.38	53.48	63.56	59.19	59.68	74.86	65.26	68.40	61.53	52.91	53.48	56.11	55.04	57.19
355683	-0.20	0.37	0.36	0.48	0.52	0.37	0.27	0.28	0.16	0.25	0.44	0.49	0.70	0.65	0.65	0.53	0.21	-0.44	-0.49	0.01	0.07	0.39	0.60	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	60.63	100.89	71.40	62.20	68.84	71.23	61.45	55.48	52.78	50.88	54.97	55.01	65.01	60.72	61.11	77.06	67.71	72.08	64.97	55.26	55.74	58.12	56.91	59.30
323833	2.87	4.45	3.13	2.62	2.93	3.10	2.81	2.54	2.34	2.03	2.03	2.03	2.14	2.17	2.07	2.73	2.66	3.25	2.95	2.36	2.34	2.40	2.46	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	60.62	100.86	71.38	62.20	68.80	71.20	61.44	55.46	52.77	50.85	54.97	54.99	64.99	60.69	61.09	77.03	67.70	72.06	64.95	55.25	55.73	58.10	56.88	59.29
323834	2.87	4.42	3.10	2.62	2.89	3.07	2.80	2.51	2.33	2.00	2.03	2.02	2.13	2.15	2.05	2.70	2.66	3.23	2.93	2.35	2.32	2.38	2.43	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	60.01	99.77	70.57	61.48	68.00	70.37	60.66	54.82	52.28	50.45	54.50	54.56	64.55	60.13	60.24	75.97	66.66	70.96	63.93	54.37	54.80	57.24	56.20	58.54
23571	2.25	3.33	2.30	1.90	2.09	2.23	2.02	1.88	1.84	1.60	1.56	1.59	1.69	1.59	1.21	1.64	1.61	2.12	1.91	1.47	1.40	1.52	1.76	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	60.01 2.25 0.00	99.77 3.33 0.00	70.57 2.30 0.00	61.48 1.90 0.00	68.00 2.09 0.00	70.37 2.23 0.00	60.66 2.02 0.00	54.82 1.88 0.00	52.28 1.84 0.00	50.45 1.60 0.00	54.50 1.56 0.00	54.56 1.59 0.00	64.55 1.69 0.00	60.13 1.59 0.00	60.24 1.21 0.00	75.97 1.64 0.00	66.66 1.61 0.00	70.96 2.12 0.00	63.93 1.91 0.00	54.37 1.47 0.00	54.80 1.40 0.00	57.24 1.52 0.00	56.20 1.76 0.00	58.54 1.82 0.00
ALBANY___3 23573	60.01 2.25 0.00	99.77 3.33 0.00	70.57 2.30 0.00	61.48 1.90 0.00	68.00 2.09 0.00	70.37 2.23 0.00	60.66 2.02 0.00	54.82 1.88 0.00	52.28 1.84 0.00	50.45 1.60 0.00	54.50 1.56 0.00	54.56 1.59 0.00	64.55 1.69 0.00	60.13 1.59 0.00	60.24 1.21 0.00	75.97 1.64 0.00	66.66 1.61 0.00	70.96 2.12 0.00	63.93 1.91 0.00	54.37 1.47 0.00	54.80 1.40 0.00	57.24 1.52 0.00	56.20 1.76 0.00	58.54 1.82 0.00
ALBANY___4 23574	60.01 2.25 0.00	99.77 3.33 0.00	70.57 2.30 0.00	61.48 1.90 0.00	68.00 2.09 0.00	70.37 2.23 0.00	60.66 2.02 0.00	54.82 1.88 0.00	52.28 1.84 0.00	50.45 1.60 0.00	54.50 1.56 0.00	54.56 1.59 0.00	64.55 1.69 0.00	60.13 1.59 0.00	60.24 1.21 0.00	75.97 1.64 0.00	66.66 1.61 0.00	70.96 2.12 0.00	63.93 1.91 0.00	54.37 1.47 0.00	54.80 1.40 0.00	57.24 1.52 0.00	56.20 1.76 0.00	58.54 1.82 0.00
ALBANY___LFGE 323615	60.46 2.71 0.00	100.53 4.09 0.00	71.11 2.83 0.00	61.95 2.37 0.00	68.52 2.61 0.00	70.91 2.78 0.00	61.14 2.49 0.00	55.24 2.30 0.00	52.68 2.24 0.00	50.84 1.99 0.00	54.92 1.98 0.00	55.00 2.03 0.00	65.10 2.24 0.00	60.64 2.10 0.00	60.86 1.82 0.00	76.77 2.44 0.00	67.36 2.31 0.00	71.73 2.90 0.00	64.61 2.59 0.00	54.93 2.04 0.00	55.36 1.96 0.00	57.76 2.04 0.00	56.63 2.18 0.00	58.97 2.26 0.00
ALCOA_PA_115KV_PL-6C 55860	57.70 -0.06 0.00	97.10 0.66 0.00	68.84 0.57 0.00	60.24 0.66 0.00	66.63 0.72 0.00	68.70 0.57 0.00	59.08 0.44 0.00	53.36 0.42 0.00	50.74 0.30 0.00	49.23 0.38 0.00	53.53 0.59 0.00	53.63 0.65 0.00	63.75 0.89 0.00	59.36 0.82 0.00	59.86 0.82 0.00	75.08 0.75 0.00	65.46 0.41 0.00	68.60 -0.24 0.00	61.71 -0.32 0.00	53.06 0.16 0.00	53.64 0.23 0.00	56.26 0.54 0.00	55.20 0.76 0.00	57.36 0.65 0.00
ALCOA_RYNLDS___DRP 24188	57.70 -0.06 0.00	97.10 0.66 0.00	68.84 0.57 0.00	60.24 0.66 0.00	66.63 0.72 0.00	68.70 0.57 0.00	59.08 0.44 0.00	53.36 0.42 0.00	50.74 0.30 0.00	49.23 0.38 0.00	53.53 0.59 0.00	53.63 0.65 0.00	63.75 0.89 0.00	59.36 0.82 0.00	59.86 0.82 0.00	75.08 0.75 0.00	65.46 0.41 0.00	68.60 -0.24 0.00	61.71 -0.32 0.00	53.06 0.16 0.00	53.64 0.23 0.00	56.26 0.54 0.00	55.20 0.76 0.00	57.36 0.65 0.00
ALCOA___DSASP 323711	57.70 -0.06 0.00	97.11 0.67 0.00	68.84 0.57 0.00	60.25 0.66 0.00	66.63 0.72 0.00	68.70 0.57 0.00	59.08 0.44 0.00	53.37 0.42 0.00	50.74 0.30 0.00	49.23 0.38 0.00	53.53 0.59 0.00	53.63 0.65 0.00	63.75 0.88 0.00	59.36 0.82 0.00	59.86 0.82 0.00	75.08 0.75 0.00	65.46 0.41 0.00	68.60 -0.24 0.00	61.71 -0.31 0.00	53.06 0.16 0.00	53.64 0.23 0.00	56.26 0.54 0.00	55.20 0.76 0.00	57.37 0.65 0.00
ALLEGHENY___COGEN 23514	57.25 -0.51 0.00	94.73 -1.71 0.00	67.25 -1.03 0.00	58.75 -0.84 0.00	65.12 -0.79 0.00	67.32 -0.81 0.00	57.68 -0.96 0.00	54.34 -1.38 -2.76	49.21 -1.25 -0.02	53.05 -1.23 -5.43	64.85 -1.36 -13.27	51.58 -1.40 0.00	61.36 -1.50 0.00	74.95 -1.51 -17.92	65.56 -1.35 -7.87	73.29 -0.93 0.11	64.90 -0.15 0.00	69.93 1.10 0.00	62.86 0.84 0.00	52.85 -0.05 0.00	53.35 -0.05 0.00	55.30 -0.42 0.00	54.07 -0.37 0.00	56.51 -0.20 0.00
ALTAMONT_115KV_TB 2 55880	59.87 2.12 0.00	99.59 3.15 0.00	70.45 2.18 0.00	61.37 1.79 0.00	67.89 1.98 0.00	70.26 2.12 0.00	60.52 1.88 0.00	54.66 1.71 0.00	52.13 1.69 0.00	50.34 1.49 0.00	54.38 1.44 0.00	54.44 1.46 0.00	64.47 1.61 0.00	60.06 1.52 0.00	60.49 1.45 0.00	76.27 1.95 0.00	66.93 1.88 0.00	71.20 2.36 0.00	64.18 2.16 0.00	54.56 1.66 0.00	55.01 1.61 0.00	57.31 1.58 0.00	56.03 1.59 0.00	58.38 1.66 0.00
ALTONA_WT_PWR 323606	58.54 0.79 0.00	98.41 1.97 0.00	69.56 1.28 0.00	60.76 1.18 0.00	67.29 1.38 0.00	69.41 1.27 0.00	59.61 0.97 0.00	53.94 0.99 0.00	51.21 0.77 0.00	49.51 0.66 0.00	53.93 1.00 0.00	54.28 1.30 0.00	64.48 1.61 0.00	60.33 1.79 0.00	60.91 1.87 0.00	76.27 1.94 0.00	66.25 1.20 0.00	69.56 0.73 0.00	62.46 0.44 0.00	53.36 0.46 0.00	53.76 0.35 0.00	56.42 0.70 0.00	55.52 1.08 0.00	57.78 1.07 0.00
AMERICAN_REF_FUEL 24010	52.62 -5.13 0.00	86.90 -9.54 0.00	61.91 -6.37 0.00	54.16 -5.42 0.00	60.06 -5.85 0.00	62.06 -6.07 0.00	52.79 -5.85 0.00	45.88 -6.40 0.67	44.43 -6.01 0.01	41.93 -5.61 1.32	43.96 -5.75 3.23	46.85 -6.13 0.00	55.59 -7.27 0.00	47.48 -6.66 4.40	50.28 -6.83 1.92	64.87 -8.56 0.90	57.82 -7.23 0.00	62.24 -6.60 0.00	55.83 -6.19 0.00	47.01 -5.89 0.00	47.71 -5.69 0.00	49.54 -6.18 0.00	49.10 -5.35 0.00	51.89 -4.82 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	53.21 -4.54 0.00	87.59 -8.84 0.00	62.35 -5.92 0.00	54.58 -5.01 0.00	60.40 -5.51 0.00	62.46 -5.68 0.00	53.26 -5.38 0.00	46.49 -5.77 0.68	45.16 -5.27 0.01	42.41 -5.10 1.34	44.56 -5.10 3.28	48.00 -4.98 0.00	57.54 -5.32 0.00	48.87 -5.20 4.47	51.59 -5.50 1.95	67.11 -6.39 0.83	59.62 -5.42 0.00	64.29 -4.55 0.00	57.92 -4.11 0.00	48.90 -4.00 0.00	49.58 -3.82 0.00	51.42 -4.29 0.00	50.69 -3.76 0.00	53.40 -3.31 0.00
ARTHUR KILL_GT_1 23520	61.99 4.23 0.00	102.20 5.76 0.00	72.20 3.92 0.00	62.64 3.06 0.00	69.36 3.45 0.00	72.00 3.87 0.00	62.02 3.38 0.00	56.06 3.11 0.00	53.73 3.29 0.00	51.89 3.04 0.00	55.78 2.85 0.00	55.50 2.52 0.00	65.66 2.86 0.06	58.37 2.73 2.90	55.93 2.69 5.79	69.01 3.47 8.78	59.03 3.53 9.55	73.24 4.41 0.00	65.91 3.88 0.00	55.95 3.05 0.00	56.25 2.84 0.00	58.41 2.69 0.00	56.90 2.46 0.00	59.43 2.71 0.00
ARTHUR_KILL_2 23512	61.80 4.05 0.00	101.90 5.46 0.00	71.99 3.71 0.00	62.46 2.88 0.00	69.16 3.25 0.00	71.79 3.66 0.00	61.84 3.20 0.00	55.89 2.94 0.00	53.57 3.13 0.00	51.74 2.88 0.00	55.63 2.69 0.00	55.35 2.37 0.00	65.45 2.65 0.06	58.19 2.55 2.90	55.74 2.50 5.79	68.79 3.24 8.78	58.81 3.31 9.55	72.99 4.16 0.00	65.68 3.66 0.00	55.76 2.86 0.00	56.06 2.66 0.00	58.23 2.51 0.00	56.73 2.29 0.00	59.26 2.55 0.00
ARTHUR_KILL_3 23513	61.47 3.72 0.00	101.53 5.09 0.00	71.67 3.39 0.00	62.17 2.58 0.00	68.79 2.88 0.00	71.35 3.21 0.00	61.48 2.84 0.00	55.61 2.67 0.00	53.31 2.87 0.00	51.54 2.69 0.00	55.47 2.54 0.00	55.20 2.22 0.00	65.30 2.50 0.06	58.11 2.46 2.90	55.75 2.50 5.79	68.81 3.27 8.78	58.77 3.27 9.55	72.86 4.02 0.00	65.61 3.58 0.00	55.55 2.66 0.00	55.91 2.50 0.00	58.10 2.38 0.01	56.51 2.11 0.04	59.03 2.32 0.00

ARTHUR_KILL_COGEN 323718	61.99 4.23 0.00	102.20 5.76 0.00	72.20 3.92 0.00	62.64 3.06 0.00	69.36 3.45 0.00	72.00 3.87 0.00	62.02 3.38 0.00	56.06 3.11 0.00	53.73 3.29 0.00	51.89 3.04 0.00	55.78 2.85 0.00	55.50 2.52 0.00	65.66 2.86 0.06	58.37 2.73 2.90	55.93 2.69 5.79	69.01 3.47 8.78	59.03 3.53 9.55	73.24 4.41 0.00	65.91 3.88 0.00	55.95 3.05 0.00	56.25 2.84 0.00	58.41 2.69 0.00	56.90 2.46 0.00	59.43 2.71 0.00
ASHOKAN____ 23654	63.35 5.60 0.00	105.03 8.59 0.00	74.16 5.88 0.00	64.54 4.96 0.00	71.49 5.57 0.00	74.13 6.00 0.00	63.99 5.34 0.00	57.94 4.99 0.00	55.33 4.89 0.00	53.51 4.66 0.00	57.32 4.38 0.00	56.99 4.02 0.00	67.27 4.41 0.00	62.84 4.30 0.00	63.61 4.57 0.00	80.68 6.35 0.00	71.36 6.31 0.00	76.28 7.45 0.00	68.66 6.64 0.00	58.06 5.16 0.00	58.34 4.94 0.00	60.45 4.73 0.00	58.81 4.37 0.00	61.14 4.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	61.66 3.91 0.00	101.92 5.48 0.00	72.10 3.82 0.00	62.47 2.89 0.00	69.07 3.16 0.00	71.68 3.55 0.00	61.77 3.13 0.00	55.89 2.94 0.00	53.55 3.11 0.00	51.76 2.91 0.00	55.70 2.77 0.00	55.42 2.44 0.00	65.75 2.88 0.00	61.38 2.84 0.00	61.97 2.94 0.00	77.93 3.63 0.02	68.63 3.58 0.00	73.37 4.53 0.00	65.96 3.93 0.00	55.99 3.09 0.00	56.37 2.97 0.00	58.44 2.72 0.00	56.93 2.49 0.00	59.38 2.67 0.00
ASTORIA_EAST_ENERGY_CC2 323582	61.68 3.92 0.00	101.96 5.52 0.00	72.12 3.84 0.00	62.49 2.91 0.00	69.07 3.16 0.00	71.68 3.55 0.00	61.78 3.13 0.00	55.89 2.95 0.00	53.55 3.11 0.00	51.76 2.91 0.00	55.70 2.77 0.00	55.43 2.45 0.00	65.75 2.88 0.00	61.39 2.85 0.00	61.99 2.96 0.00	77.94 3.64 0.02	68.64 3.59 0.00	73.39 4.55 0.00	65.96 3.94 0.00	55.99 3.09 0.00	56.38 2.98 0.00	58.44 2.73 0.00	56.93 2.49 0.00	59.39 2.67 0.00
ASTORIA_GT2_1 24094	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT2_2 24095	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT2_3 24096	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT2_4 24097	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT3_1 24098	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT3_2 24099	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT3_3 24100	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT3_4 24101	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT4_1 24102	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT4_2 24103	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT4_3 24104	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00

ASTORIA_GT4_4 24105	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.94 0.00	69.11 3.19 0.00	71.73 3.59 0.00	61.80 3.16 0.00	55.92 2.97 0.00	53.58 3.14 0.00	51.79 2.94 0.00	55.75 2.81 0.00	55.46 2.48 0.00	65.77 2.91 0.00	61.42 2.88 0.00	62.01 2.97 0.00	77.97 3.66 0.02	68.67 3.62 0.00	73.40 4.56 0.00	66.01 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.46 2.74 0.00	56.95 2.51 0.00	59.41 2.70 0.00
ASTORIA_GT_1 23523	61.80 4.05 0.00	102.16 5.73 0.00	72.27 4.00 0.00	62.61 3.03 0.00	69.21 3.30 0.00	71.84 3.71 0.00	61.91 3.27 0.00	56.02 3.08 0.00	53.67 3.23 0.00	51.89 3.04 0.00	55.83 2.89 0.00	55.55 2.57 0.00	65.89 3.03 0.00	61.52 2.98 0.00	62.13 3.10 0.00	78.13 3.82 0.02	68.81 3.76 0.00	73.54 4.70 0.00	66.13 4.11 0.00	56.13 3.23 0.00	56.51 3.11 0.00	58.57 2.86 0.00	57.06 2.62 0.00	59.51 2.80 0.00
ASTORIA_GT_10 24110	61.83 4.08 0.00	102.18 5.74 0.00	72.20 3.92 0.00	62.61 3.02 0.00	69.26 3.35 0.00	71.84 3.70 0.00	61.92 3.27 0.00	56.03 3.08 0.00	53.70 3.26 0.00	51.92 3.07 0.00	55.80 2.86 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	77.99 3.69 0.02	68.68 3.63 0.00	73.30 4.47 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.49 2.77 0.00	56.96 2.52 0.00	59.48 2.77 0.00
ASTORIA_GT_11 24225	61.83 4.08 0.00	102.18 5.74 0.00	72.20 3.92 0.00	62.61 3.02 0.00	69.26 3.35 0.00	71.84 3.70 0.00	61.92 3.27 0.00	56.03 3.08 0.00	53.70 3.26 0.00	51.92 3.07 0.00	55.80 2.86 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	77.99 3.69 0.02	68.68 3.63 0.00	73.30 4.47 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.49 2.77 0.00	56.96 2.52 0.00	59.48 2.77 0.00
ASTORIA_GT_12 24226	61.83 4.08 0.00	102.18 5.74 0.00	72.20 3.92 0.00	62.61 3.02 0.00	69.26 3.35 0.00	71.84 3.70 0.00	61.92 3.27 0.00	56.03 3.08 0.00	53.70 3.26 0.00	51.92 3.07 0.00	55.80 2.86 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	77.99 3.69 0.02	68.68 3.63 0.00	73.30 4.47 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.49 2.77 0.00	56.96 2.52 0.00	59.48 2.77 0.00
ASTORIA_GT_13 24227	61.83 4.08 0.00	102.18 5.74 0.00	72.20 3.92 0.00	62.61 3.02 0.00	69.26 3.35 0.00	71.84 3.70 0.00	61.92 3.27 0.00	56.03 3.08 0.00	53.70 3.26 0.00	51.92 3.07 0.00	55.80 2.86 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	77.99 3.69 0.02	68.68 3.63 0.00	73.30 4.47 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.49 2.77 0.00	56.96 2.52 0.00	59.48 2.77 0.00
ASTORIA_GT_5 24106	61.80 4.05 0.00	102.16 5.73 0.00	72.27 4.00 0.00	62.62 3.03 0.00	69.21 3.30 0.00	71.85 3.71 0.00	61.92 3.27 0.00	56.01 3.06 0.00	53.67 3.23 0.00	51.89 3.04 0.00	55.85 2.91 0.00	55.55 2.57 0.00	65.89 3.03 0.00	61.53 2.99 0.00	62.12 3.09 0.00	78.11 3.81 0.02	68.80 3.75 0.00	73.53 4.70 0.00	66.14 4.12 0.00	56.13 3.23 0.00	56.51 3.11 0.00	58.57 2.85 0.00	57.05 2.61 0.00	59.51 2.80 0.00
ASTORIA_GT_7 24107	61.80 4.05 0.00	102.16 5.73 0.00	72.27 4.00 0.00	62.62 3.03 0.00	69.21 3.30 0.00	71.85 3.71 0.00	61.92 3.27 0.00	56.01 3.06 0.00	53.67 3.23 0.00	51.89 3.04 0.00	55.85 2.91 0.00	55.55 2.57 0.00	65.89 3.03 0.00	61.53 2.99 0.00	62.12 3.09 0.00	78.11 3.81 0.02	68.80 3.75 0.00	73.53 4.70 0.00	66.14 4.12 0.00	56.13 3.23 0.00	56.51 3.11 0.00	58.57 2.85 0.00	57.05 2.61 0.00	59.51 2.80 0.00
ASTORIA_GT_8 24108	61.80 4.05 0.00	102.16 5.73 0.00	72.27 4.00 0.00	62.62 3.03 0.00	69.21 3.30 0.00	71.85 3.71 0.00	61.92 3.27 0.00	56.01 3.06 0.00	53.67 3.23 0.00	51.89 3.04 0.00	55.85 2.91 0.00	55.55 2.57 0.00	65.89 3.03 0.00	61.53 2.99 0.00	62.12 3.09 0.00	78.11 3.81 0.02	68.80 3.75 0.00	73.53 4.70 0.00	66.14 4.12 0.00	56.13 3.23 0.00	56.51 3.11 0.00	58.57 2.85 0.00	57.05 2.61 0.00	59.51 2.80 0.00
ASTORIA___2 24149	61.70 3.95 0.00	101.99 5.55 0.00	72.17 3.89 0.00	62.52 2.93 0.00	69.10 3.19 0.00	71.72 3.59 0.00	61.80 3.16 0.00	55.93 2.98 0.00	53.57 3.14 0.00	51.80 2.95 0.00	55.73 2.80 0.00	55.46 2.48 0.00	65.78 2.92 0.00	61.42 2.88 0.00	62.02 2.98 0.00	77.98 3.67 0.02	68.67 3.63 0.00	73.40 4.56 0.00	66.00 3.98 0.00	56.02 3.13 0.00	56.40 3.00 0.00	58.47 2.75 0.00	56.96 2.52 0.00	59.41 2.70 0.00
ASTORIA___3 23516	61.81 4.06 0.00	102.17 5.73 0.00	72.18 3.90 0.00	62.60 3.01 0.00	69.24 3.33 0.00	71.83 3.69 0.00	61.90 3.26 0.00	56.03 3.09 0.00	53.69 3.25 0.00	51.91 3.06 0.00	55.78 2.85 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.41 2.87 0.00	61.93 2.90 0.00	78.01 3.70 0.02	68.68 3.63 0.00	73.30 4.47 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.50 2.78 0.00	56.97 2.52 0.00	59.48 2.76 0.00
ASTORIA___4 23517	61.81 4.06 0.00	102.17 5.73 0.00	72.18 3.90 0.00	62.60 3.01 0.00	69.24 3.33 0.00	71.83 3.69 0.00	61.90 3.26 0.00	56.03 3.08 0.00	53.69 3.25 0.00	51.91 3.06 0.00	55.80 2.86 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	77.99 3.69 0.02	68.68 3.63 0.00	73.30 4.47 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.49 2.77 0.00	56.96 2.52 0.00	59.47 2.76 0.00
ASTORIA___5 23518	61.81 4.06 0.00	102.17 5.73 0.00	72.18 3.90 0.00	62.60 3.01 0.00	69.24 3.33 0.00	71.83 3.69 0.00	61.90 3.26 0.00	56.03 3.09 0.00	53.69 3.25 0.00	51.91 3.06 0.00	55.78 2.84 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.41 2.87 0.00	61.93 2.90 0.00	78.01 3.70 0.02	68.68 3.63 0.00	73.30 4.46 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.50 2.78 0.00	56.97 2.52 0.00	59.48 2.76 0.00
AST_ENERGY_2_CC3 323677	61.70 3.95 0.00	101.96 5.52 0.00	71.97 3.69 0.00	62.35 2.77 0.00	68.98 3.07 0.00	71.52 3.38 0.00	61.61 2.97 0.00	55.72 2.78 0.00	53.39 2.95 0.00	51.62 2.77 0.00	55.52 2.58 0.00	55.28 2.30 0.00	65.57 2.71 0.00	61.21 2.67 0.00	61.74 2.70 0.00	77.78 3.48 0.02	68.52 3.47 0.00	73.07 4.24 0.00	65.84 3.82 0.00	55.70 2.80 0.00	56.04 2.64 0.00	58.21 2.49 0.00	56.72 2.27 0.00	59.20 2.49 0.00
AST_ENERGY_2_CC4 323678	61.70 3.95 0.00	101.96 5.52 0.00	71.97 3.69 0.00	62.35 2.77 0.00	68.98 3.07 0.00	71.52 3.38 0.00	61.61 2.97 0.00	55.72 2.78 0.00	53.39 2.95 0.00	51.62 2.77 0.00	55.52 2.58 0.00	55.28 2.30 0.00	65.57 2.71 0.00	61.21 2.67 0.00	61.74 2.70 0.00	77.78 3.48 0.02	68.52 3.47 0.00	73.07 4.24 0.00	65.84 3.82 0.00	55.70 2.80 0.00	56.04 2.64 0.00	58.21 2.49 0.00	56.72 2.27 0.00	59.20 2.49 0.00

ATHENS_STG_1 23668	60.18 2.43 0.00	99.93 3.50 0.00	70.68 2.40 0.00	61.52 1.94 0.00	68.06 2.15 0.00	70.46 2.33 0.00	60.69 2.05 0.00	54.81 1.86 0.00	52.31 1.88 0.00	50.55 1.70 0.00	54.59 1.65 0.00	54.58 1.60 0.00	64.64 1.78 0.00	60.23 1.69 0.00	60.70 1.67 0.00	76.58 2.25 0.00	67.21 2.16 0.00	71.58 2.74 0.00	64.53 2.50 0.00	54.78 1.89 0.00	55.23 1.82 0.00	57.46 1.74 0.00	56.09 1.65 0.00	58.50 1.79 0.00
ATHENS_STG_2 23670	60.18 2.43 0.00	99.93 3.50 0.00	70.68 2.40 0.00	61.52 1.94 0.00	68.06 2.15 0.00	70.46 2.33 0.00	60.69 2.05 0.00	54.81 1.86 0.00	52.31 1.88 0.00	50.55 1.70 0.00	54.59 1.65 0.00	54.58 1.60 0.00	64.64 1.78 0.00	60.23 1.69 0.00	60.70 1.67 0.00	76.58 2.25 0.00	67.21 2.16 0.00	71.58 2.74 0.00	64.53 2.50 0.00	54.78 1.89 0.00	55.23 1.82 0.00	57.46 1.74 0.00	56.09 1.65 0.00	58.50 1.79 0.00
ATHENS_STG_3 23677	60.18 2.43 0.00	99.93 3.50 0.00	70.68 2.40 0.00	61.52 1.94 0.00	68.06 2.15 0.00	70.46 2.33 0.00	60.69 2.05 0.00	54.81 1.86 0.00	52.31 1.88 0.00	50.55 1.70 0.00	54.59 1.65 0.00	54.58 1.60 0.00	64.64 1.78 0.00	60.23 1.69 0.00	60.70 1.67 0.00	76.58 2.25 0.00	67.21 2.16 0.00	71.58 2.74 0.00	64.53 2.50 0.00	54.78 1.89 0.00	55.23 1.82 0.00	57.46 1.74 0.00	56.09 1.65 0.00	58.50 1.79 0.00
AUBURN___LFGE 323710	57.40 -0.35 0.00	95.73 -0.70 0.00	67.83 -0.44 0.00	59.18 -0.41 0.00	65.28 -0.64 0.00	67.63 -0.50 0.00	58.33 -0.31 0.00	52.57 -0.38 0.00	50.11 -0.32 0.00	48.42 -0.43 0.00	52.32 -0.62 0.00	52.40 -0.58 0.00	62.32 -0.55 0.00	58.02 -0.52 0.00	58.63 -0.41 0.00	74.02 -0.31 0.00	65.04 -0.01 0.00	69.27 0.43 0.00	62.36 0.33 0.00	52.79 -0.10 0.00	53.24 -0.16 0.00	55.41 -0.31 0.00	53.92 -0.52 0.00	56.34 -0.37 0.00
BABYLON_RES_REC 323704	63.11 5.36 0.00	104.15 7.71 0.00	73.86 5.58 0.00	64.12 4.53 0.00	70.81 4.90 0.00	73.68 5.54 0.00	63.44 4.80 0.00	57.49 4.55 0.00	54.84 4.40 0.00	52.79 3.94 0.00	56.75 3.81 0.00	55.77 2.79 0.00	66.21 3.35 0.00	62.41 3.87 0.00	63.08 4.05 0.00	93.12 5.92 -12.87	100.65 5.92 -29.69	83.66 6.90 -7.92	76.42 6.15 -8.25	125.78 4.86 -68.02	71.82 4.73 -13.69	60.74 4.62 -0.40	58.59 4.15 0.00	60.87 4.16 0.00
BABYLON__69_KV_BK2 356345	63.86 6.11 0.00	105.41 8.97 0.00	74.76 6.48 0.00	64.91 5.32 0.00	71.66 5.75 0.00	74.58 6.44 0.00	64.22 5.58 0.00	58.18 5.23 0.00	55.51 5.07 0.00	53.40 4.55 0.00	57.41 4.47 0.00	56.34 3.36 0.00	66.88 4.01 0.00	63.10 4.55 0.00	63.81 4.77 0.00	94.14 6.94 -12.87	101.56 6.83 -29.69	84.56 7.80 -7.92	77.29 7.02 -8.25	126.52 5.61 -68.02	72.62 5.53 -13.69	61.53 5.40 -0.40	59.33 4.88 0.00	61.57 4.86 0.00
BALL_HILL_WT_PWR 323825	53.83 -3.92 0.00	88.77 -7.67 0.00	63.16 -5.12 0.00	55.28 -4.30 0.00	61.25 -4.66 0.00	63.27 -4.86 0.00	53.96 -4.69 0.00	46.82 -5.22 0.91	45.55 -4.88 0.01	42.45 -4.62 1.78	43.93 -4.64 4.36	48.30 -4.68 0.00	57.54 -5.32 0.00	47.50 -5.11 5.93	51.21 -5.24 2.59	67.16 -6.28 0.89	59.77 -5.28 0.00	64.34 -4.49 0.00	57.87 -4.15 0.00	48.71 -4.19 0.00	49.37 -4.03 0.00	51.27 -4.45 0.00	50.59 -3.85 0.00	53.35 -3.36 0.00
BARON_WINDS___WT_PWR 323822	53.95 -3.80 0.00	89.33 -7.11 0.00	63.44 -4.84 0.00	55.29 -4.29 0.00	61.38 -4.53 0.00	63.35 -4.78 0.00	54.31 -4.34 0.00	44.06 -4.32 4.56	46.25 -4.15 0.04	35.91 -3.98 8.96	26.94 -4.11 21.89	48.85 -4.12 0.00	58.28 -4.59 0.00	24.55 -4.41 29.59	41.88 -4.18 12.98	68.84 -4.84 0.65	61.13 -3.92 0.00	65.85 -2.98 0.00	59.41 -2.62 0.00	49.78 -3.13 0.00	50.39 -3.01 0.00	52.43 -3.29 0.00	51.36 -3.09 0.00	53.79 -2.93 0.00
BARRETT_IC_1 23704	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_10 23701	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_11 23702	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_12 23703	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_2 23705	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_3 23706	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_4 23707	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00

BARRETT_IC_5 23708	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_6 23709	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_7 23710	62.27 4.51 0.00	102.78 6.35 0.00	72.83 4.55 0.00	63.26 3.67 0.00	69.87 3.96 0.00	72.62 4.48 0.00	62.52 3.88 0.00	56.59 3.65 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.25 3.31 0.00	55.40 2.42 0.00	65.77 2.91 0.00	61.77 3.23 0.00	62.36 3.32 0.00	91.78 4.58 -12.87	99.24 4.51 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.56 3.44 -0.40	57.46 3.02 0.00	59.89 3.18 0.00
BARRETT_IC_8 23711	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT_IC_9 23700	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT___1 23545	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BARRETT___2 23546	62.27 4.51 0.00	102.79 6.35 0.00	72.83 4.55 0.00	63.26 3.68 0.00	69.87 3.96 0.00	72.61 4.48 0.00	62.52 3.88 0.00	56.60 3.66 0.00	54.06 3.62 0.00	52.17 3.32 0.00	56.23 3.30 0.00	55.40 2.42 0.00	65.78 2.91 0.00	61.77 3.23 0.00	62.36 3.33 0.00	91.78 4.59 -12.87	99.24 4.50 -29.69	82.18 5.43 -7.92	75.13 4.86 -8.25	124.65 3.74 -68.02	70.68 3.59 -13.68	59.57 3.45 -0.40	57.47 3.03 0.00	59.89 3.17 0.00
BATAVIA__115KV_TB1 55881	55.33 -2.42 0.00	91.49 -4.95 0.00	65.10 -3.18 0.00	56.97 -2.62 0.00	63.15 -2.76 0.00	65.29 -2.85 0.00	55.76 -2.89 0.00	49.04 -3.44 0.46	47.21 -3.22 0.00	44.92 -3.02 0.91	47.66 -3.05 2.23	49.71 -3.27 0.00	59.07 -3.79 0.00	52.00 -3.51 3.03	54.19 -3.52 1.32	69.56 -4.24 0.53	61.79 -3.26 0.00	66.44 -2.39 0.00	59.62 -2.40 0.00	50.16 -2.74 0.00	50.78 -2.62 0.00	52.66 -3.06 0.00	51.87 -2.57 0.00	54.54 -2.17 0.00
BAYONEEC___CTG1 323682	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BAYONEEC___CTG10 323750	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BAYONEEC___CTG2 323683	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BAYONEEC___CTG3 323684	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BAYONEEC___CTG4 323685	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BAYONEEC___CTG5 323686	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BAYONEEC___CTG6 323687	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00

BAYONEEC___CTG7 323688	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BAYONEEC___CTG8 323689	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BAYONEEC___CTG9 323749	61.77 4.02 0.00	102.07 5.63 0.00	72.06 3.79 0.00	62.51 2.92 0.00	69.16 3.24 0.00	71.71 3.58 0.00	61.78 3.14 0.00	55.88 2.94 0.00	53.57 3.13 0.00	51.78 2.93 0.00	55.71 2.78 0.00	55.46 2.48 0.00	65.74 2.87 0.00	61.34 2.79 0.00	61.84 2.81 0.00	73.21 3.64 4.76	57.36 3.59 11.29	72.40 4.40 0.84	64.25 3.92 1.71	55.83 2.93 0.00	56.19 2.79 0.00	58.37 2.65 0.00	56.87 2.43 0.00	59.35 2.64 0.00
BEACON___LESR 323632	61.05 3.30 0.00	101.40 4.96 0.00	71.73 3.45 0.00	62.44 2.85 0.00	69.08 3.17 0.00	71.44 3.30 0.00	61.73 3.09 0.00	55.77 2.83 0.00	53.14 2.70 0.00	51.28 2.43 0.00	55.36 2.43 0.00	55.50 2.52 0.00	65.53 2.66 0.00	61.08 2.54 0.00	61.39 2.35 0.00	77.45 3.12 0.00	67.94 2.89 0.00	72.45 3.62 0.00	65.33 3.30 0.00	55.49 2.59 0.00	55.92 2.51 0.00	58.33 2.61 0.00	57.04 2.60 0.00	59.34 2.63 0.00
BEAVER RIVER___HYD 24048	58.59 0.84 0.00	97.81 1.37 0.00	68.53 0.25 0.00	59.68 0.10 0.00	65.97 0.06 0.00	68.11 -0.03 0.00	57.45 -1.19 0.00	51.81 -1.14 0.00	49.58 -0.86 0.00	48.34 -0.51 0.00	52.46 -0.48 0.00	52.87 -0.11 0.00	62.57 -0.30 0.00	58.50 -0.04 0.00	59.13 0.10 0.00	74.62 0.30 0.00	65.12 0.07 0.00	68.75 -0.09 0.00	61.88 -0.15 0.00	52.08 -0.82 0.00	51.88 -1.52 0.00	53.84 -1.88 0.00	52.87 -1.57 0.00	55.46 -1.26 0.00
BEEBEE_GT_13 23619	55.63 -2.12 0.00	92.15 -4.29 0.00	65.39 -2.88 0.00	57.16 -2.42 0.00	63.30 -2.61 0.00	65.45 -2.69 0.00	56.08 -2.56 0.00	50.04 -2.91 0.00	47.72 -2.72 0.00	46.21 -2.64 0.00	50.22 -2.72 0.00	50.28 -2.70 0.00	59.76 -3.11 0.00	55.46 -3.08 0.00	56.02 -3.02 0.00	70.86 -3.53 -0.06	62.25 -2.80 0.00	66.63 -2.20 0.00	59.88 -2.14 0.00	50.53 -2.37 0.00	51.09 -2.31 0.00	53.06 -2.66 0.00	52.08 -2.36 0.00	54.57 -2.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	62.37 4.61 0.00	102.95 6.51 0.00	72.70 4.42 0.00	63.06 3.47 0.00	69.78 3.87 0.00	72.41 4.27 0.00	62.37 3.73 0.00	56.41 3.47 0.00	54.10 3.67 0.00	52.32 3.47 0.00	56.31 3.37 0.00	56.04 3.05 0.00	66.39 3.53 0.00	61.95 3.41 0.00	62.42 3.38 0.00	78.64 4.33 0.02	69.28 4.23 0.00	73.99 5.16 0.00	66.60 4.57 0.00	56.48 3.58 0.00	56.82 3.41 0.00	58.98 3.26 0.00	57.44 3.00 0.00	59.93 3.22 0.00
BETHLEHEM___GRP 23843	60.01 2.25 0.00	99.77 3.33 0.00	70.57 2.30 0.00	61.48 1.90 0.00	68.00 2.09 0.00	70.37 2.23 0.00	60.66 2.02 0.00	54.82 1.88 0.00	52.28 1.84 0.00	50.45 1.60 0.00	54.50 1.56 0.00	54.56 1.59 0.00	64.55 1.69 0.00	60.13 1.59 0.00	60.24 1.21 0.00	75.97 1.64 0.00	66.66 1.61 0.00	70.96 2.12 0.00	63.93 1.91 0.00	54.37 1.47 0.00	54.80 1.40 0.00	57.24 1.52 0.00	56.20 1.76 0.00	58.54 1.82 0.00
BETHLEHEM___GS1 323560	60.00 2.25 0.00	99.77 3.33 0.00	70.57 2.30 0.00	61.48 1.90 0.00	68.00 2.09 0.00	70.37 2.23 0.00	60.66 2.02 0.00	54.82 1.87 0.00	52.28 1.84 0.00	50.44 1.59 0.00	54.49 1.56 0.00	54.56 1.59 0.00	64.55 1.69 0.00	60.13 1.59 0.00	60.24 1.20 0.00	75.96 1.64 0.00	66.66 1.61 0.00	70.96 2.13 0.00	63.93 1.91 0.00	54.37 1.47 0.00	54.80 1.40 0.00	57.23 1.51 0.00	56.20 1.76 0.00	58.54 1.83 0.00
BETHLEHEM___GS2 323561	60.00 2.25 0.00	99.77 3.33 0.00	70.57 2.30 0.00	61.48 1.90 0.00	68.00 2.09 0.00	70.37 2.23 0.00	60.66 2.02 0.00	54.82 1.87 0.00	52.28 1.84 0.00	50.44 1.59 0.00	54.49 1.56 0.00	54.56 1.59 0.00	64.55 1.69 0.00	60.13 1.59 0.00	60.24 1.20 0.00	75.96 1.64 0.00	66.66 1.61 0.00	70.96 2.13 0.00	63.93 1.91 0.00	54.37 1.47 0.00	54.80 1.40 0.00	57.23 1.51 0.00	56.20 1.76 0.00	58.54 1.83 0.00
BETHLEHEM___GS3 323562	60.00 2.25 0.00	99.77 3.33 0.00	70.57 2.30 0.00	61.48 1.90 0.00	68.00 2.09 0.00	70.37 2.23 0.00	60.66 2.02 0.00	54.82 1.87 0.00	52.28 1.84 0.00	50.44 1.59 0.00	54.49 1.56 0.00	54.56 1.59 0.00	64.55 1.69 0.00	60.13 1.59 0.00	60.24 1.20 0.00	75.96 1.64 0.00	66.66 1.61 0.00	70.96 2.13 0.00	63.93 1.91 0.00	54.37 1.47 0.00	54.80 1.40 0.00	57.23 1.51 0.00	56.20 1.76 0.00	58.54 1.83 0.00
BETHLEHEM___STEEL 23779	54.25 -3.50 0.00	89.48 -6.96 0.00	63.65 -4.62 0.00	55.74 -3.84 0.00	61.78 -4.13 0.00	63.79 -4.35 0.00	54.40 -4.24 0.00	47.23 -4.86 0.85	45.83 -4.60 0.01	42.84 -4.33 1.68	44.43 -4.39 4.11	48.56 -4.42 0.00	57.73 -5.13 0.00	47.95 -5.00 5.59	51.57 -5.03 2.44	67.38 -6.06 0.88	59.97 -5.07 0.00	64.56 -4.27 0.00	58.01 -4.01 0.00	48.76 -4.14 0.00	49.45 -3.95 0.00	51.34 -4.38 0.00	50.70 -3.74 0.00	53.48 -3.23 0.00
BETHLHEM_115KV_TB1 79974	59.98 2.23 0.00	99.70 3.26 0.00	70.55 2.27 0.00	61.46 1.88 0.00	67.99 2.08 0.00	70.35 2.21 0.00	60.65 2.00 0.00	54.79 1.84 0.00	52.24 1.80 0.00	50.43 1.58 0.00	54.48 1.54 0.00	54.54 1.56 0.00	64.54 1.68 0.00	60.12 1.57 0.00	60.30 1.26 0.00	76.04 1.71 0.00	66.71 1.66 0.00	70.99 2.16 0.00	64.00 1.97 0.00	54.41 1.51 0.00	54.84 1.44 0.00	57.24 1.52 0.00	56.17 1.72 0.00	58.51 1.80 0.00
BETHPAGE_CC_5 323564	62.60 4.85 0.00	103.36 6.92 0.00	73.28 5.01 0.00	63.68 4.09 0.00	70.31 4.40 0.00	73.08 4.95 0.00	62.94 4.30 0.00	57.05 4.10 0.00	54.45 4.01 0.00	52.45 3.61 0.00	56.44 3.51 0.00	55.58 2.60 0.00	65.99 3.12 0.00	62.06 3.52 0.00	62.67 3.64 0.00	92.44 5.24 -12.87	99.93 5.19 -29.69	82.90 6.14 -7.92	75.74 5.46 -8.25	125.18 4.26 -68.02	71.25 4.16 -13.69	60.17 4.05 -0.40	58.07 3.63 0.00	60.35 3.64 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	54.46 -3.29 0.00	89.87 -6.57 0.00	63.89 -4.39 0.00	55.95 -3.64 0.00	62.02 -3.89 0.00	64.04 -4.09 0.00	54.64 -4.01 0.00	47.50 -4.64 0.81	46.03 -4.40 0.01	43.15 -4.12 1.59	44.91 -4.15 3.88	48.81 -4.17 0.00	58.03 -4.83 0.00	48.54 -4.72 5.28	52.00 -4.74 2.30	67.74 -5.72 0.86	60.27 -4.78 0.00	64.86 -3.97 0.00	58.28 -3.75 0.00	48.96 -3.94 0.00	49.66 -3.74 0.00	51.57 -4.15 0.00	50.91 -3.53 0.00	53.68 -3.03 0.00

BINGHAMTON___COGEN 23790	57.48 -0.28 0.00	95.51 -0.93 0.00	67.61 -0.67 0.00	58.89 -0.69 0.00	65.22 -0.70 0.00	67.41 -0.73 0.00	57.99 -0.65 0.00	52.41 -0.65 -0.11	49.80 -0.64 0.00	48.41 -0.65 -0.21	52.85 -0.60 -0.51	52.29 -0.69 0.00	62.13 -0.73 0.00	58.43 -0.80 -0.69	58.68 -0.66 -0.31	73.58 -0.61 0.14	64.67 -0.38 0.00	68.92 0.09 0.00	62.18 0.15 0.00	52.45 -0.45 0.00	53.00 -0.41 0.00	55.16 -0.56 0.00	53.88 -0.56 0.00	56.20 -0.51 0.00
BIXINCNT_115KV_LOAD 355685	53.81 -3.94 0.00	88.91 -7.53 0.00	63.05 -5.22 0.00	55.22 -4.36 0.00	61.28 -4.63 0.00	63.38 -4.75 0.00	54.11 -4.53 0.00	47.22 -5.18 0.55	45.45 -4.99 0.00	43.21 -4.56 1.07	45.91 -4.40 2.63	48.59 -4.39 0.00	58.16 -4.70 0.00	50.01 -4.96 3.58	52.62 -4.86 1.56	67.75 -5.80 0.78	59.96 -5.08 0.00	64.48 -4.35 0.00	57.88 -4.15 0.00	48.60 -4.30 0.00	49.21 -4.19 0.00	51.23 -4.49 0.00	50.56 -3.88 0.00	53.35 -3.36 0.00
BLACK RIVER___HYD 24047	58.74 0.99 0.00	97.96 1.52 0.00	68.57 0.29 0.00	59.68 0.10 0.00	66.00 0.09 0.00	68.20 0.07 0.00	57.84 -0.80 0.00	52.23 -0.71 0.00	49.99 -0.45 0.00	48.74 -0.11 0.00	53.06 0.12 0.00	53.22 0.24 0.00	63.05 0.18 0.00	58.88 0.34 0.00	59.35 0.31 0.00	75.04 0.72 0.00	65.87 0.81 0.00	69.69 0.86 0.00	62.73 0.70 0.00	52.67 -0.23 0.00	52.53 -0.87 0.00	54.40 -1.33 0.00	53.22 -1.22 0.00	55.40 -1.31 0.00
BLACKRVR_115KV_TB2 79977	58.74 0.99 0.00	97.96 1.52 0.00	68.57 0.29 0.00	59.68 0.10 0.00	66.00 0.09 0.00	68.20 0.07 0.00	57.84 -0.80 0.00	52.23 -0.71 0.00	49.99 -0.45 0.00	48.74 -0.11 0.00	53.06 0.12 0.00	53.22 0.24 0.00	63.05 0.19 0.00	58.88 0.34 0.00	59.35 0.31 0.00	75.04 0.72 0.00	65.87 0.82 0.00	69.69 0.86 0.00	62.73 0.70 0.00	52.67 -0.23 0.00	52.53 -0.87 0.00	54.39 -1.33 0.00	53.22 -1.22 0.00	55.40 -1.31 0.00
BLISS_WT_PWR 323608	53.39 -4.37 0.00	88.24 -8.20 0.00	62.57 -5.71 0.00	54.78 -4.81 0.00	60.80 -5.11 0.00	62.93 -5.21 0.00	53.73 -4.91 0.00	46.84 -5.55 0.55	45.08 -5.35 0.00	42.91 -4.87 1.07	45.66 -4.66 2.63	48.31 -4.67 0.00	57.88 -4.98 0.00	49.69 -5.27 3.58	52.28 -5.20 1.56	67.35 -6.20 0.78	59.62 -5.42 0.00	64.12 -4.72 0.00	57.53 -4.49 0.00	48.30 -4.60 0.00	48.91 -4.49 0.00	50.91 -4.81 0.00	50.22 -4.22 0.00	53.04 -3.68 0.00
BLUESTONE___WT_PWR 323821	58.39 0.64 0.00	96.53 0.09 0.00	68.17 -0.11 0.00	59.02 -0.56 0.00	64.97 -0.94 0.00	67.06 -1.07 0.00	58.07 -0.57 0.00	52.60 -0.35 0.00	50.83 0.39 0.00	49.42 0.57 0.00	53.50 0.56 0.00	53.52 0.54 0.00	63.68 0.82 0.00	59.73 1.19 0.00	60.19 1.15 0.00	75.35 1.12 0.09	66.16 1.11 0.00	70.28 1.44 0.00	63.00 0.98 0.00	53.20 0.31 0.00	53.24 -0.17 0.00	55.04 -0.68 0.00	53.52 -0.92 0.00	55.90 -0.81 0.00
BLUE_CIRC_CHEM_DRP 24182	60.11 2.36 0.00	100.02 3.58 0.00	70.79 2.51 0.00	61.68 2.09 0.00	68.23 2.32 0.00	70.61 2.48 0.00	60.87 2.23 0.00	54.94 1.99 0.00	52.33 1.89 0.00	50.49 1.64 0.00	54.58 1.64 0.00	54.65 1.67 0.00	64.63 1.77 0.00	60.28 1.74 0.00	60.64 1.61 0.00	76.45 2.13 0.00	67.09 2.04 0.00	71.36 2.53 0.00	64.32 2.30 0.00	54.72 1.82 0.00	55.20 1.80 0.00	57.57 1.86 0.00	56.37 1.93 0.00	58.76 2.05 0.00
BOC_GAS_DRP 24189	59.70 1.95 0.00	99.30 2.87 0.00	70.25 1.98 0.00	61.19 1.61 0.00	67.70 1.79 0.00	70.06 1.93 0.00	60.35 1.71 0.00	54.49 1.54 0.00	51.98 1.54 0.00	50.21 1.36 0.00	54.27 1.33 0.00	54.31 1.33 0.00	64.31 1.44 0.00	59.90 1.36 0.00	60.27 1.24 0.00	76.00 1.67 0.00	66.63 1.58 0.00	70.90 2.07 0.00	63.92 1.89 0.00	54.33 1.43 0.00	54.79 1.38 0.00	57.10 1.38 0.00	55.86 1.42 0.00	58.23 1.52 0.00
BOONVILLE_115KV_TB1 79983	59.15 1.40 0.00	98.56 2.13 0.00	69.47 1.20 0.00	60.54 0.96 0.00	66.94 1.03 0.00	69.21 1.07 0.00	59.18 0.54 0.00	53.46 0.51 0.00	51.05 0.61 0.00	49.54 0.68 0.00	53.60 0.67 0.00	53.87 0.89 0.00	63.75 0.89 0.00	59.57 1.02 0.00	60.19 1.15 0.00	75.93 1.60 0.00	66.49 1.44 0.00	70.37 1.54 0.00	63.37 1.35 0.00	53.63 0.73 0.00	53.81 0.41 0.00	55.90 0.17 0.00	54.63 0.19 0.00	57.01 0.29 0.00
BORALEX_4TH_BRANCH 23824	62.09 4.34 0.00	103.11 6.67 0.00	72.96 4.68 0.00	63.56 3.97 0.00	70.25 4.34 0.00	72.65 4.52 0.00	62.62 3.98 0.00	56.57 3.63 0.00	53.88 3.44 0.00	51.91 3.06 0.00	56.12 3.18 0.00	56.12 3.14 0.00	66.22 3.36 0.00	61.92 3.38 0.00	62.51 3.48 0.00	78.89 4.57 0.00	69.02 3.97 0.00	73.50 4.67 0.00	66.39 4.36 0.00	56.45 3.55 0.00	56.96 3.56 0.00	59.25 3.53 0.00	57.81 3.37 0.00	60.19 3.48 0.00
BOWLINE___1 23526	60.92 3.17 0.00	101.05 4.62 0.00	71.39 3.11 0.00	62.01 2.42 0.00	68.64 2.73 0.00	71.18 3.05 0.00	61.30 2.66 0.00	55.39 2.45 0.00	52.99 2.55 0.00	51.16 2.31 0.00	55.12 2.19 0.00	54.90 1.92 0.00	65.07 2.20 0.00	60.72 2.18 0.00	61.29 2.25 0.00	77.29 2.99 0.02	68.08 3.03 0.00	72.71 3.87 0.00	65.45 3.43 0.00	55.45 2.55 0.00	55.76 2.36 0.00	57.92 2.20 0.00	56.42 1.97 0.00	58.91 2.20 0.00
BOWLINE___2 23595	60.85 3.09 0.00	100.88 4.45 0.00	71.27 2.99 0.00	61.91 2.32 0.00	68.53 2.62 0.00	71.07 2.93 0.00	61.21 2.57 0.00	55.31 2.36 0.00	52.90 2.46 0.00	51.08 2.23 0.00	55.03 2.10 0.00	54.80 1.82 0.00	64.96 2.10 0.00	60.61 2.07 0.00	61.19 2.15 0.00	77.18 2.88 0.02	67.98 2.93 0.00	72.59 3.76 0.00	65.36 3.34 0.00	55.35 2.45 0.00	55.68 2.27 0.00	57.83 2.11 0.00	56.32 1.88 0.00	58.81 2.10 0.00
BRADY___115KV_TB2 356060	60.92 3.17 0.00	102.07 5.64 0.00	71.64 3.36 0.00	62.60 3.01 0.00	69.35 3.43 0.00	71.64 3.50 0.00	58.76 0.12 0.00	52.66 -0.29 0.00	50.16 -0.27 0.00	47.95 -0.90 0.00	50.79 -2.15 0.00	52.11 -0.87 0.00	61.74 -1.13 0.00	58.54 0.00 0.00	60.07 1.03 0.00	75.85 1.52 0.00	65.39 0.34 0.00	69.36 0.52 0.00	62.44 0.41 0.00	52.87 -0.03 0.00	52.69 -0.71 0.00	54.74 -0.98 0.00	54.46 0.02 0.00	58.31 1.59 0.00
BRANSCOMB___SOLAR 323811	61.10 3.34 0.00	101.53 5.09 0.00	71.83 3.56 0.00	62.61 3.03 0.00	69.24 3.33 0.00	71.56 3.42 0.00	61.74 3.09 0.00	55.82 2.87 0.00	53.13 2.69 0.00	51.19 2.34 0.00	55.22 2.28 0.00	55.23 2.25 0.00	65.46 2.60 0.00	61.20 2.66 0.00	61.79 2.75 0.00	78.08 3.75 0.00	68.58 3.53 0.00	72.97 4.14 0.00	65.86 3.83 0.00	55.90 3.00 0.00	56.33 2.93 0.00	58.56 2.84 0.00	57.04 2.59 0.00	59.33 2.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	63.68 5.92 0.00	105.09 8.65 0.00	74.57 6.29 0.00	64.77 5.19 0.00	71.50 5.58 0.00	74.43 6.30 0.00	64.08 5.43 0.00	58.06 5.11 0.00	55.39 4.95 0.00	53.25 4.40 0.00	57.23 4.29 0.00	56.15 3.17 0.00	66.66 3.80 0.00	62.83 4.29 0.00	63.58 4.54 0.00	93.84 6.64 -12.87	101.20 6.46 -29.69	84.01 7.26 -7.92	76.91 6.64 -8.25	126.22 5.30 -68.02	72.41 5.31 -13.69	61.33 5.21 -0.40	59.17 4.73 0.00	61.46 4.75 0.00

BRISTLHL_115KV_TB1 79998	56.04 -1.72 0.00	93.26 -3.18 0.00	66.02 -2.26 0.00	57.56 -2.02 0.00	63.72 -2.20 0.00	65.90 -2.23 0.00	56.72 -1.92 0.00	51.15 -1.80 0.00	48.74 -1.70 0.00	47.18 -1.67 0.00	51.12 -1.82 0.00	51.10 -1.88 0.00	60.68 -2.18 0.00	56.52 -2.02 0.00	57.03 -2.01 0.00	71.96 -2.37 0.00	63.15 -1.90 0.00	67.13 -1.70 0.00	60.47 -1.55 0.00	51.32 -1.58 0.00	51.77 -1.63 0.00	53.84 -1.88 0.00	52.59 -1.86 0.00	54.79 -1.92 0.00
BROOKHAVEN___DRP 24191	63.78 6.03 0.00	105.35 8.91 0.00	74.82 6.54 0.00	64.98 5.39 0.00	71.74 5.83 0.00	74.70 6.57 0.00	64.34 5.70 0.00	58.21 5.26 0.00	55.48 5.04 0.00	53.30 4.45 0.00	57.23 4.29 0.00	55.87 2.89 0.00	66.03 3.17 0.00	62.44 3.90 0.00	63.34 4.30 0.00	93.58 6.39 -12.87	101.50 6.76 -29.69	84.64 7.88 -7.92	77.30 7.03 -8.25	126.49 5.57 -68.02	72.50 5.41 -13.69	61.36 5.24 -0.40	59.12 4.68 0.00	61.39 4.68 0.00
BROOKLYN_NAVY_YARD 23515	61.75 4.00 0.00	102.04 5.60 0.00	72.03 3.75 0.00	62.46 2.88 0.00	69.10 3.18 0.00	71.64 3.51 0.00	61.72 3.08 0.00	55.84 2.89 0.00	53.52 3.09 0.00	51.76 2.91 0.00	55.64 2.70 0.00	55.39 2.41 0.00	65.67 2.81 0.00	61.29 2.75 0.00	61.84 2.80 0.00	77.93 3.62 0.02	68.63 3.58 0.00	73.24 4.41 0.00	65.95 3.92 0.00	55.81 2.91 0.00	56.15 2.74 0.00	58.34 2.62 0.00	56.88 2.44 0.00	59.32 2.61 0.00
BROOKLYN___ARMY_DRP 323595	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
BROOKVLE_69_KV_TB1 55790	62.63 4.88 0.00	103.47 7.03 0.00	73.23 4.95 0.00	63.58 4.00 0.00	70.28 4.37 0.00	72.97 4.84 0.00	62.88 4.24 0.00	56.92 3.97 0.00	54.40 3.96 0.00	52.51 3.66 0.00	56.59 3.65 0.00	55.96 2.99 0.00	66.43 3.57 0.00	62.27 3.73 0.00	62.88 3.84 0.00	92.42 5.23 -12.87	99.66 4.92 -29.69	82.59 5.83 -7.92	75.49 5.22 -8.25	124.93 4.01 -68.02	70.98 3.88 -13.69	59.85 3.73 -0.40	57.76 3.32 0.00	60.16 3.45 0.00
BROOME_2_LFGE 323671	57.48 -0.27 0.00	95.51 -0.93 0.00	67.61 -0.66 0.00	58.89 -0.70 0.00	65.22 -0.70 0.00	67.41 -0.72 0.00	57.99 -0.65 0.00	52.40 -0.65 -0.11	49.79 -0.65 0.00	48.41 -0.65 -0.21	52.84 -0.61 -0.51	52.29 -0.69 0.00	62.13 -0.73 0.00	58.42 -0.82 -0.69	58.67 -0.67 -0.31	73.58 -0.61 0.14	64.66 -0.39 0.00	68.92 0.09 0.00	62.18 0.15 0.00	52.45 -0.45 0.00	52.99 -0.41 0.00	55.16 -0.56 0.00	53.88 -0.56 0.00	56.20 -0.51 0.00
BROOME___LFGE 323600	57.48 -0.27 0.00	95.51 -0.93 0.00	67.61 -0.66 0.00	58.89 -0.70 0.00	65.22 -0.70 0.00	67.41 -0.72 0.00	57.99 -0.65 0.00	52.40 -0.65 -0.11	49.79 -0.65 0.00	48.41 -0.65 -0.21	52.84 -0.61 -0.51	52.29 -0.69 0.00	62.13 -0.73 0.00	58.42 -0.82 -0.69	58.67 -0.67 -0.31	73.58 -0.61 0.14	64.66 -0.39 0.00	68.92 0.09 0.00	62.18 0.15 0.00	52.45 -0.45 0.00	52.99 -0.41 0.00	55.16 -0.56 0.00	53.88 -0.56 0.00	56.20 -0.51 0.00
BROWNFLS_115KV_TB 3_5 80003	58.22 0.47 0.00	97.35 0.91 0.00	68.26 -0.01 0.00	59.53 -0.06 0.00	65.85 -0.06 0.00	67.98 -0.15 0.00	56.52 -2.13 0.00	50.77 -2.18 0.00	48.58 -1.86 0.00	47.29 -1.57 0.00	51.07 -1.87 0.00	51.83 -1.15 0.00	61.37 -1.49 0.00	57.55 -0.99 0.00	58.32 -0.72 0.00	73.53 -0.80 0.00	63.45 -1.60 0.00	66.98 -1.85 0.00	60.27 -1.76 0.00	50.89 -2.01 0.00	50.72 -2.68 0.00	52.72 -3.00 0.00	52.19 -2.25 0.00	55.39 -1.32 0.00
BROWNSV1_27_KV_LOAD 356125	62.39 4.64 0.00	103.12 6.68 0.00	72.78 4.51 0.00	63.12 3.53 0.00	69.83 3.92 0.00	72.41 4.28 0.00	62.39 3.74 0.00	56.43 3.48 0.00	54.09 3.65 0.00	52.32 3.47 0.00	56.31 3.38 0.00	56.04 3.06 0.00	66.45 3.59 0.00	62.04 3.49 0.00	62.56 3.52 0.00	78.86 4.55 0.02	69.47 4.42 0.00	74.13 5.29 0.00	66.76 4.73 0.00	56.50 3.61 0.00	56.86 3.45 0.00	59.04 3.32 0.00	57.50 3.06 0.00	59.99 3.28 0.00
BURROWS___LYONSDAL 23803	58.94 1.19 0.00	98.27 1.83 0.00	69.14 0.86 0.00	60.24 0.65 0.00	66.58 0.67 0.00	68.79 0.65 0.00	58.67 0.02 0.00	52.97 0.03 0.00	50.62 0.18 0.00	49.20 0.35 0.00	53.29 0.35 0.00	53.58 0.60 0.00	63.41 0.55 0.00	59.26 0.72 0.00	59.87 0.84 0.00	75.55 1.22 0.00	66.12 1.07 0.00	69.89 1.06 0.00	62.95 0.93 0.00	53.19 0.29 0.00	53.24 -0.17 0.00	55.28 -0.44 0.00	54.07 -0.37 0.00	56.50 -0.22 0.00
CAITHNESS_CC_1 323624	63.54 5.78 0.00	104.92 8.49 0.00	74.50 6.22 0.00	64.71 5.13 0.00	71.44 5.53 0.00	74.38 6.24 0.00	64.05 5.41 0.00	57.97 5.02 0.00	55.25 4.81 0.00	53.08 4.23 0.00	56.99 4.05 0.00	55.75 2.77 0.00	65.96 3.10 0.00	62.28 3.75 0.00	63.15 4.11 0.00	93.32 6.13 -12.87	101.19 6.45 -29.69	84.27 7.51 -7.92	76.95 6.68 -8.25	126.22 5.30 -68.02	72.24 5.15 -13.69	61.11 4.98 -0.40	58.91 4.47 0.00	61.18 4.47 0.00
CALPINE BETH_PAGE_GT4 24209	62.58 4.83 0.00	103.30 6.87 0.00	73.21 4.94 0.00	63.62 4.03 0.00	70.25 4.34 0.00	73.01 4.87 0.00	62.88 4.24 0.00	57.00 4.05 0.00	54.41 3.97 0.00	52.43 3.58 0.00	56.43 3.49 0.00	55.57 2.59 0.00	65.99 3.13 0.00	62.06 3.51 0.00	62.67 3.64 0.00	92.40 5.20 -12.87	99.93 5.19 -29.69	82.87 6.11 -7.92	75.73 5.45 -8.25	125.15 4.24 -68.02	71.22 4.13 -13.69	60.12 3.99 -0.40	58.03 3.58 0.00	60.32 3.61 0.00
CALPINE_BETH_PAGE_GT_4 323586	62.59 4.83 0.00	103.27 6.84 0.00	73.21 4.94 0.00	63.62 4.03 0.00	70.24 4.33 0.00	73.01 4.88 0.00	62.88 4.24 0.00	57.00 4.05 0.00	54.40 3.97 0.00	52.43 3.58 0.00	56.41 3.47 0.00	55.57 2.59 0.00	65.99 3.12 0.00	62.05 3.51 0.00	62.67 3.63 0.00	92.41 5.21 -12.87	99.93 5.19 -29.69	82.87 6.11 -7.92	75.73 5.45 -8.25	125.15 4.23 -68.02	71.22 4.13 -13.69	60.12 4.00 -0.40	58.03 3.59 0.00	60.32 3.61 0.00
CALPINE_BP_GT1 23823	62.59 4.83 0.00	103.27 6.84 0.00	73.21 4.94 0.00	63.62 4.03 0.00	70.24 4.33 0.00	73.01 4.88 0.00	62.88 4.24 0.00	57.00 4.05 0.00	54.40 3.97 0.00	52.43 3.58 0.00	56.41 3.47 0.00	55.57 2.59 0.00	65.99 3.12 0.00	62.05 3.51 0.00	62.67 3.63 0.00	92.41 5.21 -12.87	99.93 5.19 -29.69	82.87 6.11 -7.92	75.73 5.45 -8.25	125.15 4.23 -68.02	71.22 4.13 -13.69	60.12 4.00 -0.40	58.03 3.59 0.00	60.32 3.61 0.00
CALSPAN___DRP 24200	54.25 -3.50 0.00	89.48 -6.96 0.00	63.65 -4.62 0.00	55.74 -3.84 0.00	61.78 -4.13 0.00	63.79 -4.35 0.00	54.40 -4.24 0.00	47.23 -4.86 0.85	45.83 -4.60 0.01	42.84 -4.33 1.68	44.43 -4.39 4.11	48.56 -4.42 0.00	57.73 -5.13 0.00	47.95 -5.00 5.59	51.57 -5.03 2.44	67.38 -6.06 0.88	59.97 -5.07 0.00	64.56 -4.27 0.00	58.01 -4.01 0.00	48.76 -4.14 0.00	49.45 -3.95 0.00	51.34 -4.38 0.00	50.70 -3.74 0.00	53.48 -3.23 0.00

CALVERTON___SOLAR 323806	64.07 6.32 0.00	105.80 9.36 0.00	75.15 6.87 0.00	65.28 5.69 0.00	72.07 6.16 0.00	75.05 6.91 0.00	64.65 6.01 0.00	58.49 5.55 0.00	55.74 5.30 0.00	53.53 4.68 0.00	57.46 4.52 0.00	56.05 3.07 0.00	66.17 3.31 0.00	62.62 4.08 0.00	63.55 4.51 0.00	93.91 6.71 -12.87	101.87 7.13 -29.69	85.03 8.27 -7.92	77.63 7.35 -8.25	126.79 5.87 -68.02	72.80 5.70 -13.69	61.64 5.51 -0.40	59.36 4.92 0.00	61.63 4.91 0.00
CANDIGU_WT_PWR 323617	53.95 -3.80 0.00	89.33 -7.11 0.00	63.44 -4.84 0.00	55.29 -4.29 0.00	61.38 -4.53 0.00	63.35 -4.78 0.00	54.31 -4.34 0.00	44.06 -4.32 4.56	46.25 -4.15 0.04	35.91 -3.98 8.96	26.94 -4.11 21.89	48.85 -4.12 0.00	58.28 -4.59 0.00	24.55 -4.41 29.59	41.88 -4.18 12.98	68.84 -4.84 0.65	61.13 -3.92 0.00	65.85 -2.98 0.00	59.41 -2.62 0.00	49.78 -3.13 0.00	50.39 -3.01 0.00	52.43 -3.29 0.00	51.36 -3.09 0.00	53.79 -2.93 0.00
CARR STREET_E_SYR 24060	56.50 -1.25 0.00	94.02 -2.42 0.00	66.56 -1.72 0.00	58.02 -1.56 0.00	64.23 -1.68 0.00	66.43 -1.70 0.00	57.18 -1.46 0.00	51.53 -1.41 0.00	49.12 -1.31 0.00	47.52 -1.33 0.00	51.50 -1.44 0.00	51.53 -1.45 0.00	61.19 -1.67 0.00	56.95 -1.59 0.00	57.46 -1.57 0.00	72.52 -1.80 0.00	63.65 -1.40 0.00	67.69 -1.14 0.00	60.97 -1.05 0.00	51.70 -1.20 0.00	52.18 -1.23 0.00	54.29 -1.43 0.00	53.03 -1.42 0.00	55.27 -1.44 0.00
CARTHAGE___PAPER 23857	59.09 1.34 0.00	98.67 2.23 0.00	69.09 0.81 0.00	60.16 0.58 0.00	66.52 0.61 0.00	68.69 0.55 0.00	58.11 -0.53 0.00	52.46 -0.49 0.00	50.19 -0.25 0.00	48.93 0.08 0.00	53.20 0.27 0.00	53.49 0.51 0.00	63.33 0.46 0.00	59.19 0.65 0.00	59.75 0.71 0.00	75.45 1.12 0.00	66.04 0.99 0.00	69.76 0.92 0.00	62.78 0.75 0.00	52.80 -0.10 0.00	52.63 -0.78 0.00	54.55 -1.17 0.00	53.49 -0.96 0.00	55.89 -0.82 0.00
CASSADAGA_WT_PWR 323784	53.37 -4.38 0.00	87.85 -8.59 0.00	62.48 -5.79 0.00	54.71 -4.87 0.00	60.55 -5.37 0.00	62.64 -5.50 0.00	53.42 -5.22 0.64	46.72 -5.59 0.01	45.31 -5.12 0.01	42.66 -4.94 1.25	45.04 -4.84 3.06	48.41 -4.57 0.00	58.13 -4.74 0.00	49.64 -4.73 4.17	52.22 -5.00 1.82	67.75 -5.76 0.82	60.14 -4.90 0.00	64.85 -3.98 0.00	58.46 -3.56 0.00	49.48 -3.42 0.00	50.21 -3.20 0.00	52.13 -3.60 0.00	51.37 -3.07 0.00	54.13 -2.58 0.00
CE_DUNWOOD___DRP 24194	61.55 3.80 0.00	101.89 5.46 0.00	71.98 3.70 0.00	62.52 2.93 0.00	69.16 3.25 0.00	71.72 3.59 0.00	61.78 3.14 0.00	55.85 2.90 0.00	53.45 3.01 0.00	51.64 2.79 0.00	55.62 2.68 0.00	55.35 2.37 0.00	65.60 2.74 0.00	61.24 2.70 0.00	61.79 2.75 0.00	77.93 3.63 0.02	68.64 3.59 0.00	73.28 4.44 0.00	65.99 3.97 0.00	55.88 2.98 0.00	56.22 2.82 0.00	58.41 2.69 0.00	56.88 2.44 0.00	59.37 2.65 0.00
CE_MILLWOOD___DRP 24193	61.39 3.64 0.00	101.68 5.24 0.00	71.83 3.55 0.00	62.39 2.81 0.00	69.04 3.12 0.00	71.59 3.45 0.00	61.66 3.01 0.00	55.73 2.78 0.00	53.32 2.89 0.00	51.51 2.67 0.00	55.51 2.57 0.00	55.22 2.24 0.00	65.46 2.60 0.00	61.11 2.57 0.00	61.65 2.62 0.00	77.77 3.46 0.02	68.48 3.43 0.00	73.12 4.29 0.00	65.84 3.81 0.00	55.77 2.87 0.00	56.10 2.70 0.00	58.28 2.56 0.00	56.77 2.32 0.00	59.25 2.54 0.00
CE_NYC2_DRP 24202	61.85 4.10 0.00	102.25 5.81 0.00	72.21 3.94 0.00	62.64 3.05 0.00	69.29 3.38 0.00	71.88 3.74 0.00	61.93 3.28 0.00	56.05 3.10 0.00	53.72 3.28 0.00	51.93 3.08 0.00	55.84 2.90 0.00	55.56 2.58 0.00	65.88 3.01 0.00	61.46 2.92 0.00	61.99 2.96 0.00	78.06 3.76 0.02	68.75 3.70 0.00	73.37 4.54 0.00	66.07 4.04 0.00	55.99 3.09 0.00	56.36 2.96 0.00	58.53 2.81 0.00	57.00 2.56 0.00	59.50 2.79 0.00
CE_NYC_DRP 24195	61.85 4.10 0.00	102.23 5.79 0.00	72.17 3.89 0.00	62.58 3.00 0.00	69.24 3.33 0.00	71.80 3.67 0.00	61.86 3.22 0.00	55.96 3.01 0.00	53.62 3.19 0.00	51.86 3.01 0.00	55.80 2.87 0.00	55.55 2.57 0.00	65.86 2.99 0.00	61.46 2.92 0.00	61.98 2.95 0.00	78.11 3.80 0.02	68.81 3.76 0.00	73.41 4.58 0.00	66.10 4.08 0.00	55.96 3.06 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00
CHAFFEE___LFGE 323603	54.71 -3.04 0.00	90.32 -6.12 0.00	64.25 -4.02 0.00	56.22 -3.36 0.00	62.33 -3.58 0.00	64.39 -3.75 0.00	54.89 -3.76 0.00	47.86 -4.39 0.70	46.29 -4.14 0.01	43.61 -3.86 1.38	45.75 -3.83 3.36	49.00 -3.98 0.00	58.26 -4.60 0.00	49.53 -4.43 4.58	52.50 -4.54 2.00	68.02 -5.48 0.83	60.51 -4.54 0.00	65.12 -3.71 0.00	58.51 -3.52 0.00	49.15 -3.74 0.00	49.88 -3.52 0.00	51.77 -3.95 0.00	51.10 -3.34 0.00	53.90 -2.81 0.00
CHATEAUG_35_KV_LOAD 355732	58.35 0.59 0.00	98.30 1.87 0.00	69.52 1.25 0.00	60.79 1.20 0.00	67.32 1.41 0.00	69.43 1.29 0.00	59.55 0.91 0.00	53.85 0.90 0.00	51.15 0.71 0.00	49.51 0.66 0.00	53.85 0.92 0.00	54.13 1.15 0.00	64.31 1.45 0.00	60.13 1.59 0.00	60.71 1.67 0.00	76.04 1.71 0.00	66.05 1.00 0.00	69.25 0.42 0.00	62.20 0.18 0.00	53.29 0.39 0.00	53.65 0.25 0.00	56.41 0.69 0.00	55.51 1.06 0.00	57.79 1.08 0.00
CHATEAUG_WT_PWR 323614	58.30 0.55 0.00	98.07 1.63 0.00	69.36 1.09 0.00	60.61 1.02 0.00	67.10 1.19 0.00	69.23 1.10 0.00	59.45 0.81 0.00	53.76 0.81 0.00	51.06 0.62 0.00	49.42 0.57 0.00	53.80 0.87 0.00	54.09 1.11 0.00	64.27 1.40 0.00	60.08 1.54 0.00	60.65 1.61 0.00	75.97 1.64 0.00	66.04 0.99 0.00	69.31 0.47 0.00	62.26 0.23 0.00	53.19 0.29 0.00	53.55 0.15 0.00	56.27 0.55 0.00	55.35 0.90 0.00	57.64 0.93 0.00
CHAT_HIGH_FALL_HYD 323578	58.35 0.59 0.00	98.30 1.87 0.00	69.52 1.25 0.00	60.79 1.20 0.00	67.32 1.41 0.00	69.43 1.29 0.00	59.55 0.91 0.00	53.85 0.90 0.00	51.15 0.71 0.00	49.51 0.66 0.00	53.85 0.92 0.00	54.13 1.15 0.00	64.31 1.45 0.00	60.13 1.59 0.00	60.71 1.67 0.00	76.04 1.71 0.00	66.05 1.00 0.00	69.25 0.42 0.00	62.20 0.18 0.00	53.29 0.39 0.00	53.65 0.25 0.00	56.41 0.69 0.00	55.51 1.06 0.00	57.79 1.08 0.00
CHAUTAUQUA___LFGE 323629	53.91 -3.84 0.00	88.82 -7.62 0.00	63.22 -5.05 0.00	55.32 -4.27 0.00	61.28 -4.64 0.00	63.33 -4.81 0.00	54.01 -4.64 0.00	47.02 -5.14 0.78	45.70 -4.73 0.01	42.80 -4.50 1.54	44.66 -4.51 3.77	48.44 -4.54 0.00	57.83 -5.03 0.00	48.55 -4.86 5.13	51.75 -5.05 2.24	67.53 -5.94 0.86	60.07 -4.97 0.00	64.72 -4.12 0.00	58.24 -3.78 0.00	49.07 -3.83 0.00	49.75 -3.65 0.00	51.63 -4.09 0.00	50.90 -3.54 0.00	53.65 -3.06 0.00
CHERRYST_13_KV_LD 356241	62.02 4.26 0.00	102.48 6.04 0.00	72.35 4.08 0.00	62.75 3.17 0.00	69.43 3.52 0.00	71.98 3.85 0.00	62.03 3.39 0.00	56.10 3.15 0.00	53.78 3.34 0.00	52.01 3.16 0.00	55.97 3.03 0.00	55.72 2.74 0.00	66.04 3.18 0.00	61.64 3.10 0.00	62.16 3.13 0.00	78.34 4.03 0.02	69.02 3.97 0.00	73.62 4.79 0.00	66.30 4.27 0.00	56.12 3.22 0.00	56.47 3.07 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.60 2.89 0.00

CHESTROR_138KV_BK263 355645	60.73 2.98 0.00	100.71 4.27 0.00	71.16 2.88 0.00	61.83 2.25 0.00	68.45 2.54 0.00	70.96 2.83 0.00	61.12 2.48 0.00	55.22 2.28 0.00	52.80 2.36 0.00	50.99 2.14 0.00	54.97 2.04 0.00	54.75 1.77 0.00	64.91 2.05 0.00	60.55 2.01 0.00	61.14 2.10 0.00	77.13 2.83 0.02	67.93 2.88 0.00	72.54 3.71 0.00	65.30 3.27 0.00	55.33 2.43 0.00	55.67 2.27 0.00	57.82 2.10 0.00	56.32 1.88 0.00	58.80 2.09 0.00
CH_MIDHUDSON___DRP 24192	61.87 4.12 0.00	102.54 6.10 0.00	72.44 4.17 0.00	62.93 3.35 0.00	69.65 3.73 0.00	72.20 4.06 0.00	62.20 3.56 0.00	56.21 3.26 0.00	53.76 3.33 0.00	51.99 3.13 0.00	55.97 3.04 0.00	55.72 2.74 0.00	66.03 3.17 0.00	61.62 3.08 0.00	62.17 3.14 0.00	78.44 4.13 0.02	69.10 4.05 0.00	73.77 4.93 0.00	66.46 4.43 0.00	56.32 3.42 0.00	56.67 3.27 0.00	58.84 3.12 0.00	57.31 2.87 0.00	59.82 3.10 0.00
CH_MISC_IPPS 23765	62.12 4.36 0.00	102.93 6.49 0.00	72.72 4.44 0.00	63.17 3.58 0.00	69.92 4.01 0.00	72.50 4.36 0.00	62.48 3.84 0.00	56.47 3.52 0.00	54.01 3.57 0.00	52.21 3.36 0.00	56.20 3.27 0.00	55.93 2.95 0.00	66.33 3.46 0.00	61.89 3.35 0.00	62.51 3.47 0.00	78.87 4.57 0.02	69.52 4.47 0.00	74.22 5.39 0.00	66.84 4.82 0.00	56.63 3.73 0.00	56.96 3.56 0.00	59.14 3.42 0.00	57.57 3.12 0.00	60.05 3.34 0.00
CH_RES_BVR_FALLS 23983	56.87 -0.88 0.00	95.45 -0.99 0.00	67.63 -0.65 0.00	59.12 -0.47 0.00	65.33 -0.59 0.00	67.35 -0.78 0.00	57.85 -0.79 0.00	52.22 -0.73 0.00	49.72 -0.72 0.00	48.25 -0.60 0.00	52.35 -0.58 0.00	52.47 -0.51 0.00	62.42 -0.44 0.00	58.21 -0.33 0.00	58.70 -0.33 0.00	73.71 -0.62 0.00	64.30 -0.75 0.00	67.51 -1.33 0.00	60.69 -1.33 0.00	51.90 -1.00 0.00	52.43 -0.97 0.00	54.96 -0.76 0.00	53.84 -0.61 0.00	56.02 -0.69 0.00
CH_RES_NIAGARA 23895	52.73 -5.03 0.00	87.01 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.84 -5.80 0.00	45.90 -6.38 0.66	44.44 -6.00 0.01	41.87 -5.68 1.30	43.90 -5.87 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.35 -6.87 4.33	50.22 -6.93 1.88	64.80 -8.54 0.99	57.80 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.97 -5.93 0.00	47.69 -5.71 0.00	49.54 -6.18 0.00	49.08 -5.36 0.00	52.15 -4.56 0.00
CH_RES_SYRACUSE 23985	57.01 -0.75 0.00	94.89 -1.54 0.00	67.18 -1.09 0.00	58.59 -0.99 0.00	64.82 -1.09 0.00	67.07 -1.06 0.00	57.74 -0.90 0.00	52.06 -0.88 0.00	49.63 -0.81 0.00	48.00 -0.85 0.00	52.01 -0.92 0.00	52.03 -0.94 0.00	61.80 -1.06 0.00	57.50 -1.04 0.00	58.05 -0.99 0.00	73.26 -1.07 0.00	64.33 -0.72 0.00	68.42 -0.41 0.00	61.62 -0.40 0.00	52.24 -0.65 0.00	52.71 -0.69 0.00	54.86 -0.86 0.00	53.54 -0.90 0.00	55.81 -0.91 0.00
CLINTON_WT_PWR 323605	58.30 0.55 0.00	98.07 1.63 0.00	69.36 1.09 0.00	60.61 1.02 0.00	67.10 1.19 0.00	69.23 1.10 0.00	59.45 0.81 0.00	53.76 0.81 0.00	51.06 0.62 0.00	49.42 0.57 0.00	53.80 0.87 0.00	54.09 1.11 0.00	64.27 1.40 0.00	60.08 1.54 0.00	60.65 1.61 0.00	75.97 1.64 0.00	66.04 0.99 0.00	69.31 0.47 0.00	62.26 0.23 0.00	53.19 0.29 0.00	53.55 0.15 0.00	56.27 0.55 0.00	55.35 0.90 0.00	57.64 0.93 0.00
CLINTON___LFGE 323618	59.22 1.47 0.00	99.50 3.06 0.00	70.30 2.02 0.00	61.41 1.82 0.00	67.97 2.05 0.00	70.14 2.00 0.00	60.24 1.60 0.00	54.54 1.60 0.00	51.80 1.36 0.00	50.08 1.22 0.00	54.49 1.55 0.00	54.83 1.85 0.00	65.14 2.28 0.00	60.99 2.44 0.00	61.58 2.55 0.00	77.17 2.84 0.00	67.11 2.06 0.00	70.54 1.71 0.00	63.36 1.34 0.00	54.06 1.16 0.00	54.40 1.00 0.00	57.12 1.40 0.00	56.19 1.75 0.00	58.43 1.72 0.00
COBBLENY_34_KV_TB1 80064	54.72 -3.04 0.00	90.32 -6.12 0.00	64.25 -4.02 0.00	56.22 -3.36 0.00	62.33 -3.58 0.00	64.38 -3.76 0.00	54.89 -3.75 0.00	47.88 -4.37 0.70	46.29 -4.14 0.01	43.61 -3.87 1.38	45.69 -3.89 3.36	49.00 -3.98 0.00	58.26 -4.60 0.00	49.51 -4.46 4.58	52.49 -4.55 2.00	68.04 -5.45 0.83	60.51 -4.54 0.00	65.13 -3.70 0.00	58.51 -3.51 0.00	49.16 -3.74 0.00	49.88 -3.53 0.00	51.78 -3.94 0.00	51.12 -3.33 0.00	53.90 -2.81 0.00
COFFEEN___115KV_TB3 355620	59.08 1.33 0.00	98.50 2.06 0.00	69.00 0.72 0.00	60.04 0.46 0.00	66.45 0.54 0.00	68.67 0.54 0.00	58.30 -0.34 0.00	52.67 -0.28 0.00	50.39 -0.05 0.00	49.07 0.22 0.00	53.41 0.47 0.00	53.48 0.50 0.00	63.35 0.49 0.00	59.17 0.62 0.00	59.65 0.62 0.00	75.55 1.22 0.00	66.42 1.37 0.00	70.32 1.49 0.00	63.29 1.27 0.00	53.14 0.25 0.00	53.02 -0.38 0.00	54.86 -0.86 0.00	53.66 -0.78 0.00	55.80 -0.91 0.00
COLDSPRG_115KV_BK1 355956	55.57 -2.18 0.00	91.71 -4.72 0.00	65.09 -3.19 0.00	56.98 -2.60 0.00	63.12 -2.79 0.00	65.19 -2.95 0.00	55.61 -3.03 0.00	48.88 -3.66 0.40	47.06 -3.38 0.00	44.88 -3.17 0.80	48.04 -2.95 1.95	50.23 -2.75 0.00	60.09 -2.77 0.00	53.10 -2.78 2.66	55.00 -2.87 1.16	70.21 -3.37 0.75	62.13 -2.92 0.00	66.80 -2.04 0.00	60.12 -1.91 0.00	50.58 -2.32 0.00	51.22 -2.18 0.00	53.28 -2.45 0.00	52.56 -1.88 0.00	55.27 -1.44 0.00
COLONIE_LFGE___ 323577	60.74 2.98 0.00	100.95 4.51 0.00	71.41 3.14 0.00	62.23 2.65 0.00	68.81 2.90 0.00	71.19 3.06 0.00	61.37 2.73 0.00	55.44 2.49 0.00	52.84 2.40 0.00	50.97 2.12 0.00	55.05 2.12 0.00	55.08 2.10 0.00	65.19 2.33 0.00	60.87 2.33 0.00	61.35 2.31 0.00	77.41 3.08 0.00	67.87 2.82 0.00	72.27 3.43 0.00	65.18 3.16 0.00	55.41 2.51 0.00	55.86 2.46 0.00	58.14 2.42 0.00	56.75 2.30 0.00	59.09 2.38 0.00
COOPERNY_115KV_TB1 80082	59.86 2.11 0.00	99.43 2.99 0.00	70.28 2.01 0.00	61.14 1.55 0.00	67.68 1.76 0.00	70.10 1.97 0.00	60.38 1.74 0.00	54.56 1.61 0.00	52.23 1.80 0.00	50.49 1.64 0.00	54.48 1.54 0.00	54.34 1.36 0.00	64.46 1.59 0.00	60.10 1.56 0.00	60.65 1.61 0.00	76.26 1.95 0.02	67.05 2.00 0.00	71.46 2.63 0.00	64.36 2.34 0.00	54.58 1.69 0.00	54.97 1.57 0.00	57.15 1.43 0.00	55.73 1.28 0.00	58.13 1.42 0.00
COPENHAGEN_WT_PWR 323753	58.21 0.46 0.00	97.08 0.64 0.00	67.84 -0.43 0.00	59.00 -0.58 0.00	65.23 -0.68 0.00	67.34 -0.80 0.00	57.09 -1.55 0.00	51.55 -1.40 0.00	49.38 -1.06 0.00	48.25 -0.60 0.00	52.59 -0.34 0.00	52.79 -0.19 0.00	62.56 -0.31 0.00	58.39 -0.15 0.00	58.75 -0.29 0.00	74.21 -0.11 0.00	65.17 0.11 0.00	68.87 0.04 0.00	62.02 -0.01 0.00	52.00 -0.90 0.00	51.83 -1.57 0.00	53.71 -2.01 0.00	52.57 -1.88 0.00	54.61 -2.11 0.00
CORNELL_____ 23752	58.42 0.67 0.00	97.12 0.69 0.00	68.78 0.50 0.00	59.92 0.33 0.00	66.30 0.39 0.00	68.57 0.44 0.00	59.07 0.43 0.00	53.31 0.37 0.00	50.78 0.34 0.00	49.08 0.23 0.00	53.12 0.18 0.00	53.06 0.08 0.00	63.09 0.23 0.00	58.76 0.23 0.00	59.45 0.41 0.00	75.08 0.80 0.05	66.03 0.98 0.00	70.33 1.50 0.00	63.37 1.34 0.00	53.54 0.64 0.00	54.07 0.66 0.00	56.18 0.46 0.00	54.77 0.33 0.00	57.09 0.37 0.00

CORONA V_69 KV_TB1 355595	62.65 4.90 0.00	103.47 7.03 0.00	73.25 4.97 0.00	63.57 3.99 0.00	70.27 4.36 0.00	73.03 4.89 0.00	62.88 4.24 0.00	56.90 3.95 0.00	54.37 3.93 0.00	52.46 3.61 0.00	56.56 3.63 0.00	55.82 2.85 0.00	66.31 3.45 0.00	62.23 3.69 0.00	62.82 3.79 0.00	92.43 5.23 -12.87	99.83 5.10 -29.69	82.81 6.06 -7.92	75.71 5.43 -8.25	125.12 4.21 -68.02	71.13 4.04 -13.68	60.04 3.91 -0.40	57.91 3.46 0.00	60.34 3.63 0.00
CORTLAND_115KV_TB3 80093	57.93 0.18 0.00	96.35 -0.09 0.00	68.23 -0.05 0.00	59.44 -0.14 0.00	65.83 -0.09 0.00	68.07 -0.07 0.00	58.59 -0.05 0.00	52.87 -0.08 0.00	50.36 -0.07 0.00	48.72 -0.13 0.00	52.75 -0.19 0.00	52.77 -0.20 0.00	62.65 -0.22 0.00	58.32 -0.22 0.00	58.96 -0.07 0.00	74.41 0.12 0.04	65.37 0.32 0.00	69.56 0.73 0.00	62.67 0.64 0.00	53.00 0.10 0.00	53.53 0.13 0.00	55.65 -0.07 0.00	54.31 -0.13 0.00	56.62 -0.09 0.00
COXSACKIE__GT 23611	63.02 5.27 0.00	104.80 8.37 0.00	74.11 5.84 0.00	64.64 5.06 0.00	71.54 5.63 0.00	74.07 5.94 0.00	63.98 5.33 0.00	57.89 4.94 0.00	55.15 4.71 0.00	53.12 4.27 0.00	57.19 4.25 0.00	57.21 4.24 0.00	67.16 4.30 0.00	62.98 4.44 0.00	63.53 4.50 0.00	80.42 6.10 0.00	71.01 5.96 0.00	75.67 6.84 0.00	68.17 6.15 0.00	57.75 4.85 0.00	58.12 4.72 0.00	60.46 4.74 0.00	59.11 4.67 0.00	61.41 4.70 0.00
CPV_VALLEY__CC1 323721	60.17 2.41 0.00	99.84 3.40 0.00	70.56 2.28 0.00	61.33 1.75 0.00	67.88 1.97 0.00	70.36 2.22 0.00	60.60 1.96 0.00	54.76 1.81 0.00	52.34 1.91 0.00	50.56 1.71 0.00	54.52 1.58 0.00	54.34 1.36 0.00	64.43 1.56 0.00	60.08 1.54 0.00	60.65 1.61 0.00	76.47 2.16 0.02	67.30 2.25 0.00	71.80 2.96 0.00	64.66 2.64 0.00	54.82 1.92 0.00	55.16 1.76 0.00	57.34 1.62 0.00	55.86 1.42 0.00	58.31 1.59 0.00
CPV_VALLEY__CC2 323722	60.17 2.41 0.00	99.84 3.40 0.00	70.56 2.28 0.00	61.33 1.75 0.00	67.88 1.97 0.00	70.36 2.22 0.00	60.60 1.96 0.00	54.76 1.81 0.00	52.34 1.91 0.00	50.56 1.71 0.00	54.52 1.58 0.00	54.34 1.36 0.00	64.43 1.56 0.00	60.08 1.54 0.00	60.65 1.61 0.00	76.47 2.16 0.02	67.30 2.25 0.00	71.80 2.96 0.00	64.66 2.64 0.00	54.82 1.92 0.00	55.16 1.76 0.00	57.34 1.62 0.00	55.86 1.42 0.00	58.31 1.59 0.00
CRESCENT__HYD 24018	60.74 2.98 0.00	100.95 4.51 0.00	71.41 3.14 0.00	62.23 2.65 0.00	68.81 2.90 0.00	71.19 3.06 0.00	61.37 2.73 0.00	55.44 2.49 0.00	52.84 2.40 0.00	50.97 2.12 0.00	55.05 2.12 0.00	55.08 2.10 0.00	65.19 2.33 0.00	60.87 2.33 0.00	61.35 2.31 0.00	77.41 3.08 0.00	67.87 2.82 0.00	72.27 3.43 0.00	65.18 3.16 0.00	55.41 2.51 0.00	55.86 2.46 0.00	58.14 2.42 0.00	56.75 2.30 0.00	59.09 2.38 0.00
CRICKET__VALLEY_CC1 323756	61.21 3.46 0.00	101.47 5.03 0.00	71.70 3.42 0.00	62.33 2.75 0.00	68.94 3.03 0.00	71.41 3.28 0.00	61.48 2.84 0.00	55.52 2.57 0.00	53.06 2.62 0.00	51.31 2.46 0.00	55.27 2.33 0.00	55.07 2.10 0.00	65.20 2.34 0.00	60.84 2.30 0.00	61.27 2.23 0.00	77.26 2.93 0.00	68.00 2.94 0.00	72.58 3.74 0.00	65.43 3.41 0.00	55.46 2.56 0.00	55.83 2.43 0.00	58.02 2.30 0.00	56.64 2.19 0.00	59.24 2.53 0.00
CRICKET__VALLEY_CC2 323757	61.21 3.46 0.00	101.47 5.03 0.00	71.70 3.42 0.00	62.33 2.75 0.00	68.94 3.03 0.00	71.41 3.28 0.00	61.48 2.84 0.00	55.52 2.57 0.00	53.06 2.62 0.00	51.31 2.46 0.00	55.27 2.33 0.00	55.07 2.10 0.00	65.20 2.34 0.00	60.84 2.30 0.00	61.27 2.23 0.00	77.26 2.93 0.00	68.00 2.94 0.00	72.58 3.74 0.00	65.43 3.41 0.00	55.46 2.56 0.00	55.83 2.43 0.00	58.02 2.30 0.00	56.64 2.19 0.00	59.24 2.53 0.00
CRICKET__VALLEY_CC3 323758	61.21 3.46 0.00	101.47 5.03 0.00	71.70 3.42 0.00	62.33 2.75 0.00	68.94 3.03 0.00	71.41 3.28 0.00	61.48 2.84 0.00	55.52 2.57 0.00	53.06 2.62 0.00	51.31 2.46 0.00	55.27 2.33 0.00	55.07 2.10 0.00	65.20 2.34 0.00	60.84 2.30 0.00	61.27 2.23 0.00	77.26 2.93 0.00	68.00 2.94 0.00	72.58 3.74 0.00	65.43 3.41 0.00	55.46 2.56 0.00	55.83 2.43 0.00	58.02 2.30 0.00	56.64 2.19 0.00	59.24 2.53 0.00
CRUCIBLE_METL_DRP 24180	57.00 -0.75 0.00	94.89 -1.55 0.00	67.18 -1.09 0.00	58.59 -0.99 0.00	64.82 -1.09 0.00	67.07 -1.06 0.00	57.74 -0.90 0.00	52.06 -0.89 0.00	49.63 -0.81 0.00	48.00 -0.85 0.00	52.00 -0.93 0.00	52.03 -0.94 0.00	61.80 -1.07 0.00	57.50 -1.04 0.00	58.05 -0.99 0.00	73.27 -1.06 0.00	64.32 -0.73 0.00	68.42 -0.41 0.00	61.62 -0.40 0.00	52.24 -0.66 0.00	52.71 -0.69 0.00	54.85 -0.86 0.00	53.54 -0.90 0.00	55.81 -0.90 0.00
DAHOWA__HYDRO 323763	61.19 3.44 0.00	101.66 5.22 0.00	71.95 3.67 0.00	62.70 3.12 0.00	69.34 3.43 0.00	71.63 3.50 0.00	61.81 3.17 0.00	55.93 2.98 0.00	53.22 2.78 0.00	51.27 2.42 0.00	55.28 2.34 0.00	55.28 2.30 0.00	65.53 2.67 0.00	61.29 2.75 0.00	61.90 2.87 0.00	78.24 3.91 0.00	68.73 3.68 0.00	73.14 4.30 0.00	66.03 4.00 0.00	56.02 3.12 0.00	56.44 3.04 0.00	58.65 2.93 0.00	57.09 2.65 0.00	59.35 2.64 0.00
DANC__LFGE 323619	57.30 -0.45 0.00	95.49 -0.94 0.00	67.04 -1.23 0.00	58.38 -1.20 0.00	64.59 -1.33 0.00	66.71 -1.42 0.00	56.89 -1.75 0.00	51.35 -1.60 0.00	49.09 -1.34 0.00	47.79 -1.06 0.00	51.98 -0.95 0.00	52.09 -0.89 0.00	61.76 -1.10 0.00	57.60 -0.94 0.00	58.01 -1.02 0.00	73.27 -1.06 0.00	64.33 -0.72 0.00	68.15 -0.68 0.00	61.38 -0.65 0.00	51.70 -1.20 0.00	51.79 -1.62 0.00	53.73 -1.99 0.00	52.54 -1.90 0.00	54.65 -2.06 0.00
DANSKAMMER__1 23586	62.12 4.36 0.00	102.93 6.49 0.00	72.72 4.44 0.00	63.17 3.58 0.00	69.92 4.01 0.00	72.50 4.36 0.00	62.48 3.84 0.00	56.47 3.52 0.00	54.01 3.57 0.00	52.21 3.36 0.00	56.20 3.27 0.00	55.93 2.95 0.00	66.33 3.46 0.00	61.89 3.35 0.00	62.51 3.47 0.00	78.87 4.57 0.02	69.52 4.47 0.00	74.22 5.39 0.00	66.84 4.82 0.00	56.63 3.73 0.00	56.96 3.56 0.00	59.14 3.42 0.00	57.57 3.12 0.00	60.05 3.34 0.00
DANSKAMMER__2 23589	62.12 4.36 0.00	102.93 6.49 0.00	72.72 4.44 0.00	63.17 3.58 0.00	69.92 4.01 0.00	72.50 4.36 0.00	62.48 3.84 0.00	56.47 3.52 0.00	54.01 3.57 0.00	52.21 3.36 0.00	56.20 3.27 0.00	55.93 2.95 0.00	66.33 3.46 0.00	61.89 3.35 0.00	62.51 3.47 0.00	78.87 4.57 0.02	69.52 4.47 0.00	74.22 5.39 0.00	66.84 4.82 0.00	56.63 3.73 0.00	56.96 3.56 0.00	59.14 3.42 0.00	57.57 3.12 0.00	60.05 3.34 0.00
DANSKAMMER__3 23590	62.12 4.36 0.00	102.93 6.49 0.00	72.72 4.44 0.00	63.17 3.58 0.00	69.92 4.01 0.00	72.50 4.36 0.00	62.48 3.84 0.00	56.47 3.52 0.00	54.01 3.57 0.00	52.21 3.36 0.00	56.20 3.27 0.00	55.93 2.95 0.00	66.33 3.46 0.00	61.89 3.35 0.00	62.51 3.47 0.00	78.87 4.57 0.02	69.52 4.47 0.00	74.22 5.39 0.00	66.84 4.82 0.00	56.63 3.73 0.00	56.96 3.56 0.00	59.14 3.42 0.00	57.57 3.12 0.00	60.05 3.34 0.00

DANSKAMMER___4 23591	62.12 4.36 0.00	102.93 6.49 0.00	72.72 4.44 0.00	63.17 3.58 0.00	69.92 4.01 0.00	72.50 4.36 0.00	62.48 3.84 0.00	56.47 3.52 0.00	54.01 3.57 0.00	52.21 3.36 0.00	56.20 3.27 0.00	55.93 2.95 0.00	66.33 3.46 0.00	61.89 3.35 0.00	62.51 3.47 0.00	78.87 4.57 0.02	69.52 4.47 0.00	74.22 5.39 0.00	66.84 4.82 0.00	56.63 3.73 0.00	56.96 3.56 0.00	59.14 3.42 0.00	57.57 3.12 0.00	60.05 3.34 0.00
DANSKAMMER___DIESEL 23592	62.11 4.36 0.00	102.93 6.49 0.00	72.72 4.44 0.00	63.17 3.58 0.00	69.92 4.01 0.00	72.49 4.36 0.00	62.49 3.84 0.00	56.47 3.53 0.00	54.01 3.57 0.00	52.22 3.37 0.00	56.22 3.28 0.00	55.93 2.95 0.00	66.32 3.46 0.00	61.89 3.35 0.00	62.50 3.47 0.00	78.87 4.57 0.02	69.52 4.47 0.00	74.22 5.39 0.00	66.84 4.82 0.00	56.63 3.73 0.00	56.96 3.56 0.00	59.13 3.41 0.00	57.56 3.12 0.00	60.05 3.34 0.00
DARBY___SOLAR 323810	61.11 3.36 0.00	101.55 5.11 0.00	71.85 3.57 0.00	62.62 3.04 0.00	69.25 3.34 0.00	71.57 3.43 0.00	61.74 3.09 0.00	55.83 2.88 0.00	53.15 2.71 0.00	51.22 2.37 0.00	55.25 2.32 0.00	55.24 2.26 0.00	65.51 2.64 0.00	61.23 2.69 0.00	61.82 2.78 0.00	78.13 3.80 0.00	68.62 3.58 0.00	73.02 4.18 0.00	65.90 3.88 0.00	55.93 3.03 0.00	56.35 2.95 0.00	58.58 2.86 0.00	57.04 2.60 0.00	59.33 2.62 0.00
DASHVILLE___HYD 23610	62.80 5.05 0.00	104.01 7.57 0.00	73.45 5.17 0.00	63.81 4.22 0.00	70.64 4.73 0.00	73.29 5.16 0.00	63.19 4.55 0.00	57.15 4.21 0.00	54.71 4.27 0.00	52.91 4.06 0.00	56.82 3.88 0.00	56.46 3.48 0.00	66.91 4.05 0.00	62.49 3.96 0.00	63.16 4.13 0.00	79.82 5.49 0.00	70.47 5.42 0.00	75.32 6.49 0.00	67.81 5.79 0.00	57.38 4.48 0.00	57.67 4.27 0.00	59.79 4.07 0.00	58.13 3.69 0.00	60.57 3.85 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	65.12 7.36 0.00	107.50 11.06 0.00	76.48 8.20 0.00	66.48 6.90 0.00	73.44 7.53 0.00	76.48 8.35 0.00	65.92 7.28 0.00	59.63 6.68 0.00	56.80 6.36 0.00	54.52 5.67 0.00	58.52 5.58 0.00	57.04 4.06 0.00	67.36 4.49 0.00	63.65 5.11 0.00	64.61 5.58 0.00	95.32 8.12 -12.87	103.18 8.45 -29.69	86.37 9.62 -7.92	78.77 8.49 -8.25	127.81 6.89 -68.02	73.80 6.71 -13.69	62.60 6.48 -0.40	60.15 5.71 0.00	62.38 5.66 0.00
DELAWARE___LFGE 323621	59.61 1.86 0.00	99.09 2.66 0.00	70.12 1.85 0.00	61.06 1.47 0.00	67.57 1.65 0.00	69.92 1.78 0.00	60.24 1.60 0.00	54.37 1.42 0.00	51.76 1.32 0.00	50.05 1.20 0.00	54.19 1.25 0.00	54.17 1.19 0.00	64.24 1.38 0.00	59.79 1.26 0.00	60.36 1.33 0.00	76.19 1.93 0.06	66.91 1.87 0.00	71.19 2.36 0.00	64.12 2.10 0.00	54.38 1.49 0.00	54.80 1.40 0.00	56.97 1.25 0.00	55.56 1.12 0.00	57.93 1.22 0.00
DERFIELD_115KV_TB7 355931	58.10 0.34 0.00	96.83 0.39 0.00	68.55 0.27 0.00	59.76 0.18 0.00	66.11 0.20 0.00	68.34 0.21 0.00	58.84 0.19 0.00	53.12 0.17 0.00	50.64 0.20 0.00	49.00 0.15 0.00	53.04 0.10 0.00	53.08 0.10 0.00	62.98 0.11 0.00	58.66 0.12 0.00	59.16 0.12 0.00	74.55 0.23 0.00	65.32 0.27 0.00	69.25 0.41 0.00	62.43 0.40 0.00	53.12 0.21 0.00	53.59 0.18 0.00	55.86 0.14 0.00	54.55 0.11 0.00	56.85 0.14 0.00
DOGLEVILLE___HYD 23807	59.27 1.52 0.00	98.24 1.81 0.00	69.35 1.07 0.00	60.34 0.75 0.00	66.67 0.76 0.00	69.06 0.92 0.00	59.65 1.00 0.00	54.08 1.13 0.00	51.43 0.99 0.00	49.48 0.63 0.00	53.28 0.34 0.00	53.51 0.52 0.00	63.30 0.43 0.00	58.94 0.40 0.00	59.61 0.57 0.00	75.53 1.21 0.00	66.50 1.45 0.00	70.99 2.16 0.00	64.40 2.37 0.00	54.51 1.61 0.00	54.72 1.32 0.00	56.73 1.01 0.00	55.18 0.73 0.00	57.43 0.72 0.00
DUNKIRK___115KV_TB_200 55889	53.98 -3.77 0.00	88.94 -7.49 0.00	63.31 -4.97 0.00	55.41 -4.18 0.00	61.37 -4.54 0.00	63.43 -4.71 0.00	54.08 -4.56 0.00	47.09 -5.06 0.80	45.72 -4.71 0.01	42.81 -4.47 1.57	44.58 -4.52 3.84	48.47 -4.51 0.00	57.82 -5.05 0.00	48.41 -4.91 5.22	51.72 -5.03 2.28	67.53 -5.94 0.86	60.08 -4.96 0.00	64.72 -4.12 0.00	58.22 -3.81 0.00	49.03 -3.87 0.00	49.71 -3.69 0.00	51.60 -4.11 0.00	50.90 -3.55 0.00	53.64 -3.07 0.00
DUNKIRK___1 23563	53.98 -3.77 0.00	88.94 -7.49 0.00	63.31 -4.97 0.00	55.41 -4.18 0.00	61.37 -4.54 0.00	63.43 -4.71 0.00	54.08 -4.56 0.00	47.09 -5.06 0.80	45.72 -4.71 0.01	42.81 -4.47 1.57	44.58 -4.52 3.84	48.47 -4.51 0.00	57.82 -5.05 0.00	48.41 -4.91 5.22	51.72 -5.03 2.28	67.53 -5.94 0.86	60.08 -4.96 0.00	64.72 -4.12 0.00	58.22 -3.81 0.00	49.03 -3.87 0.00	49.71 -3.69 0.00	51.60 -4.11 0.00	50.90 -3.55 0.00	53.64 -3.07 0.00
DUNKIRK___2 23564	53.98 -3.77 0.00	88.94 -7.49 0.00	63.31 -4.97 0.00	55.41 -4.18 0.00	61.37 -4.54 0.00	63.43 -4.71 0.00	54.08 -4.56 0.00	47.09 -5.06 0.80	45.72 -4.71 0.01	42.81 -4.47 1.57	44.58 -4.52 3.84	48.47 -4.51 0.00	57.82 -5.05 0.00	48.41 -4.91 5.22	51.72 -5.03 2.28	67.53 -5.94 0.86	60.08 -4.96 0.00	64.72 -4.12 0.00	58.22 -3.81 0.00	49.03 -3.87 0.00	49.71 -3.69 0.00	51.60 -4.11 0.00	50.90 -3.55 0.00	53.64 -3.07 0.00
DUNKIRK___3 23565	53.96 -3.79 0.00	88.96 -7.48 0.00	63.31 -4.97 0.00	55.40 -4.18 0.00	61.39 -4.53 0.00	63.42 -4.72 0.00	54.08 -4.57 0.00	46.99 -5.07 0.88	45.68 -4.75 0.01	42.60 -4.51 1.74	44.14 -4.55 4.25	48.43 -4.54 0.00	57.75 -5.12 0.00	47.79 -4.97 5.78	51.44 -5.07 2.52	67.41 -6.03 0.88	59.98 -5.07 0.00	64.59 -4.24 0.00	58.08 -3.94 0.00	48.89 -4.01 0.00	49.56 -3.85 0.00	51.47 -4.25 0.00	50.78 -3.66 0.00	53.53 -3.18 0.00
DUNKIRK___4 23566	53.96 -3.79 0.00	88.96 -7.48 0.00	63.31 -4.97 0.00	55.40 -4.18 0.00	61.39 -4.53 0.00	63.42 -4.72 0.00	54.08 -4.57 0.00	46.99 -5.07 0.88	45.68 -4.75 0.01	42.60 -4.51 1.74	44.14 -4.55 4.25	48.43 -4.54 0.00	57.75 -5.12 0.00	47.79 -4.97 5.78	51.44 -5.07 2.52	67.41 -6.03 0.88	59.98 -5.07 0.00	64.59 -4.24 0.00	58.08 -3.94 0.00	48.89 -4.01 0.00	49.56 -3.85 0.00	51.47 -4.25 0.00	50.78 -3.66 0.00	53.53 -3.18 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	61.73 3.97 0.00	102.14 5.70 0.00	72.14 3.86 0.00	62.64 3.05 0.00	69.28 3.37 0.00	71.85 3.72 0.00	61.90 3.26 0.00	55.97 3.03 0.00	53.57 3.14 0.00	51.76 2.91 0.00	55.76 2.82 0.00	55.46 2.48 0.00	65.74 2.88 0.00	61.39 2.85 0.00	61.94 2.90 0.00	78.11 3.81 0.02	68.78 3.73 0.00	73.42 4.58 0.00	66.17 4.14 0.00	55.98 3.08 0.00	56.34 2.93 0.00	58.52 2.80 0.00	56.98 2.54 0.00	59.47 2.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	61.47 3.71 0.00	101.89 5.45 0.00	71.98 3.70 0.00	62.55 2.96 0.00	69.24 3.33 0.00	71.79 3.65 0.00	61.85 3.21 0.00	55.90 2.96 0.00	53.47 3.03 0.00	51.65 2.80 0.00	55.64 2.70 0.00	55.35 2.37 0.00	65.67 2.81 0.00	61.29 2.75 0.00	61.89 2.85 0.00	78.08 3.77 0.02	68.81 3.76 0.00	73.48 4.65 0.00	66.15 4.13 0.00	56.03 3.13 0.00	56.37 2.96 0.00	58.52 2.80 0.00	56.98 2.54 0.00	59.44 2.73 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	61.74 3.99 0.00	102.10 5.66 0.00	72.21 3.93 0.00	62.59 3.01 0.00	69.23 3.32 0.00	71.83 3.69 0.00	61.91 3.26 0.00	55.99 3.05 0.00	53.64 3.21 0.00	51.86 3.01 0.00	55.82 2.89 0.00	55.54 2.56 0.00	65.87 3.00 0.00	61.49 2.94 0.00	62.04 3.00 0.00	78.09 3.78 0.02	68.80 3.75 0.00	73.52 4.69 0.00	66.14 4.11 0.00	56.14 3.24 0.00	56.48 3.07 0.00	58.56 2.84 0.00	57.01 2.57 0.00	59.50 2.78 0.00
E179THST_13_KV_LOAD 356214	62.02 4.27 0.00	102.53 6.10 0.00	72.50 4.23 0.00	62.84 3.25 0.00	69.51 3.59 0.00	72.12 3.99 0.00	62.15 3.51 0.00	56.21 3.26 0.00	53.88 3.44 0.00	52.09 3.24 0.00	56.08 3.15 0.00	55.81 2.83 0.00	66.19 3.32 0.00	61.78 3.24 0.00	62.35 3.31 0.00	78.48 4.17 0.02	69.15 4.10 0.00	73.89 5.06 0.00	66.49 4.46 0.00	56.42 3.52 0.00	56.76 3.36 0.00	58.84 3.12 0.00	57.28 2.84 0.00	59.75 3.03 0.00
EAST HAMPTON___GT 23717	65.71 7.96 0.00	108.44 12.00 0.00	77.26 8.98 0.00	67.25 7.67 0.00	74.32 8.41 0.00	77.41 9.27 0.00	66.75 8.11 0.00	60.39 7.44 0.00	57.50 7.06 0.00	55.17 6.32 0.00	59.19 6.25 0.00	57.73 4.75 0.00	68.22 5.36 0.00	64.40 5.86 0.00	65.38 6.34 0.00	96.32 9.12 -12.87	104.02 9.29 -29.69	87.19 10.43 -7.92	79.42 9.14 -8.25	128.46 7.54 -68.02	74.44 7.34 -13.69	63.16 7.04 -0.40	60.56 6.12 0.00	62.75 6.04 0.00
EAST RIVER___6 23660	61.87 4.12 0.00	102.19 5.76 0.00	72.15 3.87 0.00	62.58 2.99 0.00	69.23 3.32 0.00	71.77 3.64 0.00	61.86 3.22 0.00	55.97 3.02 0.00	53.66 3.22 0.00	51.88 3.03 0.00	55.82 2.88 0.00	55.59 2.61 0.00	65.92 3.06 0.00	61.51 2.97 0.00	62.02 2.99 0.00	78.17 3.86 0.02	68.87 3.82 0.00	73.47 4.64 0.00	66.17 4.14 0.00	56.01 3.11 0.00	56.35 2.95 0.00	58.52 2.80 0.00	57.00 2.55 0.00	59.45 2.73 0.00
EAST RIVER___7 23524	61.87 4.12 0.00	102.19 5.76 0.00	72.15 3.87 0.00	62.58 2.99 0.00	69.23 3.32 0.00	71.77 3.64 0.00	61.86 3.22 0.00	55.97 3.02 0.00	53.66 3.22 0.00	51.88 3.03 0.00	55.82 2.88 0.00	55.59 2.61 0.00	65.92 3.06 0.00	61.51 2.97 0.00	62.02 2.99 0.00	78.17 3.86 0.02	68.87 3.82 0.00	73.47 4.64 0.00	66.17 4.14 0.00	56.01 3.11 0.00	56.35 2.95 0.00	58.52 2.80 0.00	57.00 2.55 0.00	59.45 2.73 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	61.55 3.80 0.00	101.89 5.46 0.00	71.98 3.70 0.00	62.52 2.93 0.00	69.16 3.25 0.00	71.72 3.59 0.00	61.78 3.14 0.00	55.85 2.90 0.00	53.45 3.01 0.00	51.64 2.79 0.00	55.62 2.68 0.00	55.35 2.37 0.00	65.60 2.74 0.00	61.24 2.70 0.00	61.79 2.75 0.00	77.93 3.63 0.02	68.64 3.59 0.00	73.28 4.44 0.00	65.99 3.97 0.00	55.88 2.98 0.00	56.22 2.82 0.00	58.41 2.69 0.00	56.88 2.44 0.00	59.37 2.65 0.00
EAST_HAMPTON___DIESEL 23722	65.70 7.95 0.00	108.43 11.99 0.00	77.25 8.97 0.00	67.27 7.69 0.00	74.33 8.42 0.00	77.41 9.27 0.00	66.76 8.12 0.00	60.40 7.45 0.00	57.51 7.07 0.00	55.18 6.33 0.00	59.20 6.27 0.00	57.75 4.77 0.00	68.24 5.38 0.00	64.42 5.88 0.00	65.38 6.34 0.00	96.33 9.13 -12.87	104.02 9.29 -29.69	87.17 10.41 -7.92	79.40 9.12 -8.25	128.45 7.53 -68.02	74.44 7.34 -13.69	63.16 7.04 -0.40	60.54 6.10 0.00	62.72 6.01 0.00
EAST_POINT___SOLAR 323840	61.55 3.80 0.00	102.53 6.09 0.00	72.63 4.36 0.00	63.28 3.69 0.00	70.00 4.08 0.00	72.56 4.43 0.00	62.51 3.86 0.00	56.50 3.55 0.00	53.45 3.01 0.00	51.53 2.68 0.00	55.46 2.52 0.00	55.43 2.46 0.00	66.41 3.55 0.00	61.65 3.11 0.00	62.73 3.70 0.00	79.60 5.29 0.02	70.33 5.28 0.00	74.68 5.84 0.00	67.14 5.12 0.00	57.05 4.15 0.00	57.43 4.03 0.00	59.62 3.90 0.00	57.90 3.46 0.00	60.15 3.44 0.00
EAST_PULASKI___ESR 323781	56.54 -1.22 0.00	94.12 -2.32 0.00	66.44 -1.84 0.00	57.91 -1.67 0.00	64.08 -1.83 0.00	66.26 -1.87 0.00	56.85 -1.79 0.00	51.29 -1.65 0.00	48.93 -1.51 0.00	47.46 -1.39 0.00	51.50 -1.44 0.00	51.51 -1.47 0.00	61.14 -1.72 0.00	56.98 -1.56 0.00	57.45 -1.58 0.00	72.52 -1.80 0.00	63.67 -1.38 0.00	67.62 -1.22 0.00	60.89 -1.13 0.00	51.53 -1.37 0.00	51.86 -1.54 0.00	53.88 -1.84 0.00	52.64 -1.80 0.00	54.80 -1.91 0.00
EAST_RIVER___1 323558	61.85 4.10 0.00	102.23 5.79 0.00	72.17 3.89 0.00	62.58 2.99 0.00	69.24 3.32 0.00	71.80 3.67 0.00	61.86 3.21 0.00	55.96 3.01 0.00	53.63 3.19 0.00	51.85 3.00 0.00	55.79 2.86 0.00	55.55 2.57 0.00	65.86 2.99 0.00	61.45 2.91 0.00	61.97 2.94 0.00	78.11 3.80 0.02	68.80 3.75 0.00	73.41 4.58 0.00	66.10 4.08 0.00	55.96 3.06 0.00	56.31 2.90 0.00	58.48 2.76 0.00	56.97 2.52 0.00	59.44 2.73 0.00
EAST_RIVER___2 323559	61.87 4.12 0.00	102.19 5.76 0.00	72.15 3.87 0.00	62.58 2.99 0.00	69.23 3.32 0.00	71.77 3.64 0.00	61.86 3.22 0.00	55.97 3.02 0.00	53.66 3.22 0.00	51.88 3.03 0.00	55.82 2.88 0.00	55.59 2.61 0.00	65.92 3.06 0.00	61.51 2.97 0.00	62.02 2.99 0.00	78.17 3.86 0.02	68.87 3.82 0.00	73.47 4.64 0.00	66.17 4.14 0.00	56.01 3.11 0.00	56.35 2.95 0.00	58.52 2.80 0.00	57.00 2.55 0.00	59.45 2.73 0.00
EAST___DELAWARE_HYD 23607	61.24 3.49 0.00	101.59 5.15 0.00	71.75 3.48 0.00	62.37 2.78 0.00	69.07 3.15 0.00	71.62 3.49 0.00	61.78 3.14 0.00	56.18 3.23 0.00	53.71 3.27 0.00	51.87 3.02 0.00	55.62 2.69 0.00	55.33 2.35 0.00	65.77 2.90 0.00	61.46 2.92 0.00	62.13 3.10 0.00	78.02 3.71 0.02	68.86 3.81 0.00	73.52 4.69 0.00	66.20 4.18 0.00	56.07 3.17 0.00	56.39 2.98 0.00	58.47 2.75 0.00	56.83 2.38 0.00	59.19 2.48 0.00
EIGHT_POINT___WT_PWR 323820	53.13 -4.62 0.00	87.96 -8.48 0.00	62.68 -5.60 0.00	54.54 -5.05 0.00	60.65 -5.26 0.00	62.43 -5.71 0.00	53.36 -5.28 0.00	50.55 -5.14 -2.74	45.52 -4.94 -0.02	49.55 -4.69 -5.39	61.16 -4.94 -13.16	48.18 -4.80 0.00	57.64 -5.23 0.00	71.62 -4.68 -17.76	62.43 -4.41 -7.80	68.99 -5.05 0.28	61.11 -3.94 0.00	65.78 -3.05 0.00	59.38 -2.65 0.00	49.68 -3.22 0.00	50.07 -3.33 0.00	52.11 -3.62 0.00	50.88 -3.56 0.00	53.18 -3.53 0.00
ELBRIDGE_115KV_TB2 80188	56.69 -1.06 0.00	94.44 -2.00 0.00	66.87 -1.41 0.00	58.32 -1.27 0.00	64.48 -1.43 0.00	66.73 -1.40 0.00	57.47 -1.18 0.00	51.81 -1.13 0.00	49.39 -1.05 0.00	47.76 -1.09 0.00	51.70 -1.24 0.00	51.75 -1.23 0.00	61.46 -1.40 0.00	57.20 -1.35 0.00	57.75 -1.29 0.00	72.88 -1.45 0.00	63.99 -1.06 0.00	68.05 -0.78 0.00	61.31 -0.72 0.00	51.96 -0.94 0.00	52.44 -0.96 0.00	54.59 -1.13 0.00	53.25 -1.20 0.00	55.54 -1.17 0.00
ELEC_TRO_TEK 24086	62.35 4.60 0.00	102.98 6.54 0.00	72.95 4.67 0.00	63.34 3.75 0.00	69.99 4.07 0.00	72.72 4.59 0.00	62.63 3.99 0.00	56.72 3.77 0.00	54.17 3.74 0.00	52.26 3.41 0.00	56.30 3.36 0.00	55.58 2.60 0.00	66.01 3.14 0.00	61.94 3.40 0.00	62.53 3.49 0.00	92.05 4.86 -12.87	99.55 4.81 -29.69	82.50 5.74 -7.92	75.38 5.10 -8.25	124.85 3.93 -68.02	70.87 3.78 -13.68	59.78 3.66 -0.40	57.69 3.25 0.00	60.07 3.36 0.00

ELLENBURG_WT_PWR 323604	58.30 0.55 0.00	98.07 1.63 0.00	69.36 1.09 0.00	60.61 1.02 0.00	67.10 1.19 0.00	69.23 1.10 0.00	59.45 0.81 0.00	53.76 0.81 0.00	51.06 0.62 0.00	49.42 0.57 0.00	53.80 0.87 0.00	54.09 1.11 0.00	64.27 1.40 0.00	60.08 1.54 0.00	60.65 1.61 0.00	75.97 1.64 0.00	66.04 0.99 0.00	69.31 0.47 0.00	62.26 0.23 0.00	53.19 0.29 0.00	53.55 0.15 0.00	56.27 0.55 0.00	55.35 0.90 0.00	57.64 0.93 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	53.91 -3.84 0.00	88.94 -7.50 0.00	63.31 -4.97 0.00	55.42 -4.17 0.00	61.42 -4.49 0.00	63.42 -4.72 0.00	54.06 -4.58 0.00	46.89 -5.16 0.89	45.55 -4.88 0.01	42.47 -4.62 1.76	43.93 -4.71 4.30	48.22 -4.76 0.00	57.30 -5.56 0.00	47.31 -5.38 5.85	51.06 -5.43 2.55	66.82 -6.57 0.94	59.55 -5.50 0.00	64.08 -4.76 0.00	57.57 -4.46 0.00	48.38 -4.52 0.00	49.08 -4.32 0.00	50.97 -4.75 0.00	50.36 -4.08 0.00	53.17 -3.54 0.00
EMPIRE_CC_1 323656	60.73 2.98 0.00	100.94 4.50 0.00	71.41 3.14 0.00	62.20 2.61 0.00	68.78 2.87 0.00	71.20 3.07 0.00	61.36 2.71 0.00	55.40 2.45 0.00	52.83 2.39 0.00	50.97 2.12 0.00	55.05 2.12 0.00	55.09 2.11 0.00	65.16 2.30 0.00	60.81 2.26 0.00	61.22 2.19 0.00	77.22 2.89 0.00	67.68 2.64 0.00	72.08 3.25 0.00	65.00 2.97 0.00	55.26 2.36 0.00	55.72 2.32 0.00	58.03 2.31 0.00	56.73 2.29 0.00	59.11 2.39 0.00
EMPIRE_CC_2 323658	60.73 2.98 0.00	100.94 4.50 0.00	71.41 3.14 0.00	62.20 2.61 0.00	68.78 2.87 0.00	71.20 3.07 0.00	61.36 2.71 0.00	55.40 2.45 0.00	52.83 2.39 0.00	50.97 2.12 0.00	55.05 2.12 0.00	55.09 2.11 0.00	65.16 2.30 0.00	60.81 2.26 0.00	61.22 2.19 0.00	77.22 2.89 0.00	67.68 2.64 0.00	72.08 3.25 0.00	65.00 2.97 0.00	55.26 2.36 0.00	55.72 2.32 0.00	58.03 2.31 0.00	56.73 2.29 0.00	59.11 2.39 0.00
ENORWICH_115KV_TB1 80156	61.41 3.66 0.00	101.73 5.29 0.00	72.01 3.74 0.00	62.56 2.97 0.00	69.05 3.14 0.00	71.26 3.13 0.00	61.64 3.00 0.00	55.73 2.79 0.00	53.28 2.84 0.00	51.38 2.53 0.00	55.37 2.43 0.00	55.36 2.38 0.00	65.74 2.87 0.00	61.54 3.00 0.00	62.31 3.27 0.00	78.65 4.40 0.08	69.39 4.34 0.00	73.87 5.04 0.00	66.41 4.39 0.00	56.10 3.20 0.00	56.47 3.06 0.00	58.42 2.69 0.00	56.80 2.35 0.00	59.17 2.46 0.00
ERIE_ST__34_KV_TB1-2 80199	55.00 -2.76 0.00	90.78 -5.66 0.00	64.47 -3.80 0.00	56.47 -3.12 0.00	62.59 -3.33 0.00	64.59 -3.54 0.00	55.11 -3.53 0.00	47.99 -4.20 0.76	46.45 -3.98 0.01	43.67 -3.70 1.49	45.65 -3.65 3.64	49.29 -3.69 0.00	58.65 -4.22 0.00	49.51 -4.08 4.95	52.78 -4.10 2.16	68.47 -5.00 0.85	60.84 -4.20 0.00	65.44 -3.40 0.00	58.78 -3.25 0.00	49.38 -3.52 0.00	50.09 -3.32 0.00	52.03 -3.69 0.00	51.37 -3.08 0.00	54.09 -2.62 0.00
ERIE_WT_PWR 323693	54.27 -3.48 0.00	89.49 -6.94 0.00	63.67 -4.61 0.00	55.76 -3.82 0.00	61.82 -4.09 0.00	63.84 -4.30 0.00	54.44 -4.20 0.00	47.25 -4.84 0.85	45.85 -4.58 0.01	42.88 -4.29 1.68	44.51 -4.31 4.11	48.60 -4.38 0.00	57.74 -5.13 0.00	48.02 -4.93 5.59	51.60 -4.99 2.44	67.43 -6.02 0.88	60.01 -5.03 0.00	64.59 -4.24 0.00	58.04 -3.98 0.00	48.79 -4.11 0.00	49.47 -3.93 0.00	51.38 -4.34 0.00	50.69 -3.76 0.00	53.48 -3.24 0.00
ESPRGFLD_115KV_TB1 80157	59.65 1.90 0.00	99.34 2.90 0.00	70.40 2.12 0.00	61.33 1.75 0.00	67.84 1.92 0.00	70.24 2.10 0.00	60.48 1.84 0.00	54.55 1.60 0.00	51.94 1.50 0.00	50.35 1.50 0.00	54.60 1.66 0.00	54.55 1.58 0.00	65.06 2.20 0.00	60.42 1.88 0.00	61.21 2.18 0.00	77.24 2.94 0.03	67.85 2.80 0.00	71.95 3.12 0.00	64.69 2.67 0.00	54.94 2.04 0.00	55.35 1.94 0.00	57.51 1.79 0.00	55.95 1.50 0.00	58.27 1.55 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	58.31 0.56 0.00	96.97 0.53 0.00	68.65 0.37 0.00	59.81 0.23 0.00	66.18 0.26 0.00	68.45 0.31 0.00	58.96 0.31 0.00	53.21 0.26 0.00	50.68 0.24 0.00	48.98 0.13 0.00	53.01 0.07 0.00	52.96 -0.02 0.00	62.97 0.10 0.00	58.65 0.11 0.00	59.33 0.29 0.00	74.92 0.65 0.05	65.87 0.82 0.00	70.17 1.34 0.00	63.21 1.19 0.00	53.43 0.52 0.00	53.94 0.54 0.00	56.05 0.33 0.00	54.66 0.22 0.00	56.98 0.27 0.00
ETNA____115KV_TB2 80207	58.31 0.56 0.00	96.97 0.53 0.00	68.65 0.37 0.00	59.81 0.23 0.00	66.18 0.26 0.00	68.45 0.31 0.00	58.96 0.31 0.00	53.21 0.26 0.00	50.68 0.24 0.00	48.98 0.13 0.00	53.01 0.07 0.00	52.96 -0.02 0.00	62.97 0.10 0.00	58.65 0.11 0.00	59.33 0.29 0.00	74.92 0.65 0.05	65.87 0.82 0.00	70.17 1.34 0.00	63.21 1.19 0.00	53.43 0.52 0.00	53.94 0.54 0.00	56.05 0.33 0.00	54.66 0.22 0.00	56.98 0.27 0.00
EUCLID__115KV_TB2 356179	56.33 -1.42 0.00	93.75 -2.68 0.00	66.36 -1.91 0.00	57.88 -1.70 0.00	64.06 -1.85 0.00	66.27 -1.87 0.00	57.01 -1.63 0.00	51.38 -1.57 0.00	48.98 -1.46 0.00	47.39 -1.46 0.00	51.35 -1.58 0.00	51.38 -1.60 0.00	61.01 -1.85 0.00	56.77 -1.77 0.00	57.30 -1.73 0.00	72.31 -2.02 0.00	63.44 -1.62 0.00	67.45 -1.38 0.00	60.75 -1.27 0.00	51.54 -1.36 0.00	52.00 -1.40 0.00	54.13 -1.59 0.00	52.87 -1.57 0.00	55.13 -1.58 0.00
E_CANADA_CAP_HY 24051	59.99 2.24 0.00	100.01 3.58 0.00	70.93 2.66 0.00	61.84 2.25 0.00	68.40 2.49 0.00	70.83 2.70 0.00	60.94 2.30 0.00	54.97 2.02 0.00	52.25 1.81 0.00	50.50 1.65 0.00	54.66 1.72 0.00	54.68 1.70 0.00	65.41 2.55 0.00	60.74 2.19 0.00	61.62 2.59 0.00	77.83 3.53 0.02	68.45 3.40 0.00	72.47 3.64 0.00	65.14 3.12 0.00	55.44 2.54 0.00	55.87 2.47 0.00	58.10 2.38 0.00	56.54 2.10 0.00	58.84 2.13 0.00
E_CANADA_MHWK_HY 24050	59.27 1.52 0.00	98.24 1.81 0.00	69.35 1.07 0.00	60.34 0.75 0.00	66.67 0.76 0.00	69.06 0.92 0.00	59.65 1.00 0.00	54.08 1.13 0.00	51.43 0.99 0.00	49.48 0.63 0.00	53.28 0.34 0.00	53.51 0.52 0.00	63.30 0.43 0.00	58.94 0.40 0.00	59.61 0.57 0.00	75.53 1.21 0.00	66.50 1.45 0.00	70.99 2.16 0.00	64.40 2.37 0.00	54.51 1.61 0.00	54.72 1.32 0.00	56.73 1.01 0.00	55.18 0.73 0.00	57.43 0.72 0.00
E_FISHKILL__LBMP 23776	61.20 3.45 0.00	101.40 4.96 0.00	71.68 3.40 0.00	62.27 2.69 0.00	68.88 2.97 0.00	71.41 3.27 0.00	61.49 2.85 0.00	55.57 2.62 0.00	53.14 2.71 0.00	51.35 2.50 0.00	55.34 2.41 0.00	55.12 2.14 0.00	65.31 2.45 0.00	60.94 2.40 0.00	61.46 2.43 0.00	77.49 3.19 0.02	68.21 3.16 0.00	72.80 3.97 0.00	65.59 3.57 0.00	55.63 2.73 0.00	55.99 2.59 0.00	58.18 2.46 0.00	56.69 2.25 0.00	59.20 2.49 0.00
FALCON___SEABRD_CC1 323796	58.77 1.02 0.00	98.68 2.25 0.00	69.71 1.44 0.00	60.87 1.29 0.00	67.39 1.48 0.00	69.53 1.40 0.00	59.70 1.06 0.00	54.04 1.09 0.00	51.30 0.87 0.00	49.62 0.77 0.00	54.07 1.13 0.00	54.46 1.47 0.00	64.69 1.83 0.00	60.59 2.05 0.00	61.20 2.17 0.00	76.65 2.32 0.00	66.60 1.55 0.00	69.96 1.13 0.00	62.82 0.80 0.00	53.60 0.69 0.00	53.97 0.57 0.00	56.65 0.93 0.00	55.76 1.32 0.00	58.02 1.31 0.00

FALCON___SEABRD_CC2 323797	58.77 1.02 0.00	98.68 2.25 0.00	69.71 1.44 0.00	60.87 1.29 0.00	67.39 1.48 0.00	69.53 1.40 0.00	59.70 1.06 0.00	54.04 1.09 0.00	51.30 0.87 0.00	49.62 0.77 0.00	54.07 1.13 0.00	54.46 1.47 0.00	64.69 1.83 0.00	60.59 2.05 0.00	61.20 2.17 0.00	76.65 2.32 0.00	66.60 1.55 0.00	69.96 1.13 0.00	62.82 0.80 0.00	53.60 0.69 0.00	53.97 0.57 0.00	56.65 0.93 0.00	55.76 1.32 0.00	58.02 1.31 0.00
FAR ROCKAWAY___4 23548	63.12 5.36 0.00	104.21 7.77 0.00	73.81 5.53 0.00	64.05 4.46 0.00	70.79 4.88 0.00	73.57 5.44 0.00	63.38 4.74 0.00	57.36 4.41 0.00	54.80 4.36 0.00	52.87 4.02 0.00	57.02 4.08 0.00	56.20 3.23 0.00	66.83 3.97 0.00	62.75 4.21 0.00	63.34 4.31 0.00	93.10 5.91 -12.87	100.31 5.58 -29.69	83.41 6.65 -7.92	76.30 6.03 -8.25	125.62 4.70 -68.02	71.64 4.55 -13.68	60.52 4.40 -0.40	58.38 3.93 0.00	60.78 4.07 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	61.90 4.15 0.00	102.31 5.88 0.00	72.22 3.94 0.00	62.64 3.05 0.00	69.31 3.39 0.00	71.87 3.74 0.00	61.92 3.28 0.00	56.01 3.06 0.00	53.67 3.24 0.00	51.88 3.03 0.00	55.85 2.92 0.00	55.59 2.61 0.00	65.89 3.02 0.00	61.51 2.97 0.00	62.02 2.99 0.00	78.16 3.85 0.02	68.84 3.78 0.00	73.44 4.61 0.00	66.15 4.12 0.00	56.00 3.10 0.00	56.35 2.95 0.00	58.53 2.80 0.00	57.01 2.57 0.00	59.50 2.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	61.83 4.08 0.00	102.18 5.74 0.00	72.14 3.86 0.00	62.58 2.99 0.00	69.23 3.32 0.00	71.80 3.66 0.00	61.84 3.20 0.00	55.94 2.99 0.00	53.62 3.18 0.00	51.83 2.98 0.00	55.78 2.84 0.00	55.50 2.53 0.00	65.80 2.94 0.00	61.42 2.88 0.00	61.94 2.90 0.00	78.06 3.75 0.02	68.75 3.70 0.00	73.35 4.51 0.00	66.05 4.02 0.00	55.92 3.02 0.00	56.27 2.87 0.00	58.45 2.73 0.00	56.94 2.50 0.00	59.43 2.71 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	61.87 4.12 0.00	102.25 5.81 0.00	72.19 3.91 0.00	62.63 3.04 0.00	69.26 3.35 0.00	71.84 3.70 0.00	61.89 3.25 0.00	55.98 3.04 0.00	53.64 3.21 0.00	51.88 3.03 0.00	55.82 2.88 0.00	55.56 2.58 0.00	65.86 2.99 0.00	61.46 2.92 0.00	61.99 2.95 0.00	78.11 3.80 0.02	68.82 3.76 0.00	73.42 4.58 0.00	66.10 4.08 0.00	55.96 3.06 0.00	56.31 2.91 0.00	58.49 2.77 0.00	56.98 2.54 0.00	59.47 2.76 0.00
FARRAGUT___LBMP 323566	61.83 4.08 0.00	102.18 5.74 0.00	72.14 3.86 0.00	62.58 2.99 0.00	69.23 3.32 0.00	71.80 3.66 0.00	61.84 3.20 0.00	55.94 2.99 0.00	53.62 3.18 0.00	51.83 2.98 0.00	55.78 2.84 0.00	55.50 2.53 0.00	65.80 2.94 0.00	61.42 2.88 0.00	61.94 2.90 0.00	78.06 3.75 0.02	68.75 3.70 0.00	73.35 4.51 0.00	66.05 4.02 0.00	55.92 3.02 0.00	56.27 2.87 0.00	58.45 2.73 0.00	56.94 2.50 0.00	59.43 2.71 0.00
FENNER___WINDPWR 24204	58.49 0.74 0.00	97.41 0.98 0.00	68.98 0.70 0.00	60.13 0.55 0.00	66.58 0.67 0.00	68.90 0.76 0.00	59.23 0.58 0.00	53.44 0.50 0.00	50.91 0.47 0.00	49.26 0.41 0.00	53.26 0.32 0.00	53.45 0.47 0.00	63.42 0.55 0.00	59.16 0.61 0.00	59.74 0.70 0.00	75.39 1.07 0.00	66.10 1.05 0.00	70.11 1.28 0.00	63.05 1.03 0.00	53.46 0.56 0.00	53.95 0.55 0.00	56.10 0.38 0.00	54.73 0.29 0.00	57.09 0.38 0.00
FIBERTEK___ENERGY 23856	57.00 -0.75 0.00	94.89 -1.55 0.00	67.18 -1.09 0.00	58.59 -0.99 0.00	64.82 -1.09 0.00	67.07 -1.06 0.00	57.74 -0.90 0.00	52.06 -0.89 0.00	49.63 -0.81 0.00	48.00 -0.85 0.00	52.00 -0.93 0.00	52.03 -0.94 0.00	61.80 -1.07 0.00	57.50 -1.04 0.00	58.05 -0.99 0.00	73.27 -1.06 0.00	64.32 -0.73 0.00	68.42 -0.41 0.00	61.62 -0.40 0.00	52.24 -0.66 0.00	52.71 -0.69 0.00	54.85 -0.86 0.00	53.54 -0.90 0.00	55.81 -0.90 0.00
FITZPATRICK____ 23598	55.58 -2.18 0.00	92.53 -3.91 0.00	65.53 -2.75 0.00	57.14 -2.44 0.00	63.23 -2.68 0.00	65.39 -2.74 0.00	56.27 -2.37 0.00	50.74 -2.21 0.00	48.36 -2.08 0.00	46.80 -2.05 0.00	50.70 -2.24 0.00	50.75 -2.23 0.00	60.23 -2.64 0.00	56.07 -2.47 0.00	56.56 -2.47 0.00	71.33 -3.00 0.00	62.54 -2.51 0.00	66.42 -2.42 0.00	59.82 -2.20 0.00	50.82 -2.08 0.00	51.29 -2.11 0.00	53.43 -2.29 0.00	52.20 -2.25 0.00	54.41 -2.31 0.00
FLOWRFLD_69_KV_BK1 356044	63.74 5.99 0.00	105.20 8.76 0.00	74.67 6.39 0.00	64.84 5.25 0.00	71.57 5.66 0.00	74.51 6.38 0.00	64.16 5.52 0.00	58.11 5.16 0.00	55.41 4.97 0.00	53.28 4.43 0.00	57.22 4.29 0.00	56.07 3.09 0.00	66.43 3.56 0.00	62.66 4.12 0.00	63.50 4.46 0.00	93.75 6.55 -12.87	101.53 6.80 -29.69	84.66 7.90 -7.92	77.32 7.05 -8.25	126.51 5.59 -68.02	72.51 5.41 -13.69	61.40 5.27 -0.40	59.16 4.72 0.00	61.43 4.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	62.23 4.48 0.00	103.12 6.69 0.00	72.85 4.57 0.00	63.29 3.70 0.00	70.05 4.14 0.00	72.63 4.50 0.00	62.60 3.96 0.00	56.58 3.63 0.00	54.11 3.67 0.00	52.33 3.48 0.00	56.33 3.39 0.00	56.04 3.06 0.00	66.45 3.59 0.00	62.01 3.47 0.00	62.62 3.58 0.00	79.02 4.71 0.02	69.65 4.61 0.00	74.36 5.53 0.00	66.98 4.96 0.00	56.75 3.85 0.00	57.08 3.67 0.00	59.24 3.53 0.00	57.67 3.23 0.00	60.16 3.44 0.00
FORT ORANGE____ 23900	60.17 2.42 0.00	100.05 3.61 0.00	70.77 2.49 0.00	61.65 2.07 0.00	68.20 2.28 0.00	70.57 2.43 0.00	60.79 2.15 0.00	54.96 2.01 0.00	52.39 1.95 0.00	50.59 1.74 0.00	54.61 1.68 0.00	54.67 1.70 0.00	64.60 1.74 0.00	60.25 1.71 0.00	60.50 1.46 0.00	76.34 2.01 0.00	66.98 1.93 0.00	71.33 2.50 0.00	64.30 2.27 0.00	54.65 1.75 0.00	55.14 1.74 0.00	57.54 1.82 0.00	56.40 1.96 0.00	58.72 2.01 0.00
FORT_DRUM_COGEN 23780	58.74 0.99 0.00	97.96 1.53 0.00	68.59 0.31 0.00	59.68 0.10 0.00	66.01 0.10 0.00	68.21 0.08 0.00	57.82 -0.82 0.00	52.22 -0.72 0.00	49.96 -0.47 0.00	48.72 -0.13 0.00	53.03 0.09 0.00	53.20 0.22 0.00	63.03 0.17 0.00	58.85 0.31 0.00	59.34 0.30 0.00	75.03 0.70 0.00	65.83 0.78 0.00	69.63 0.80 0.00	62.68 0.65 0.00	52.63 -0.27 0.00	52.48 -0.93 0.00	54.36 -1.36 0.00	53.21 -1.23 0.00	55.41 -1.31 0.00
FOX_HILLS___ESR 323835	61.98 4.23 0.00	102.27 5.83 0.00	72.21 3.94 0.00	62.65 3.06 0.00	69.36 3.45 0.00	71.98 3.85 0.00	62.02 3.38 0.00	56.05 3.10 0.00	53.75 3.31 0.00	51.94 3.09 0.00	55.88 2.94 0.00	55.57 2.60 0.00	65.76 2.96 0.06	58.50 2.86 2.90	56.04 2.80 5.79	69.11 3.57 8.78	59.09 3.59 9.55	73.30 4.47 0.00	65.97 3.94 0.00	55.97 3.07 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.97 2.52 0.00	59.48 2.76 0.00
FPL FAR_ROCK_GT1 24212	63.12 5.36 0.00	104.21 7.77 0.00	73.81 5.53 0.00	64.05 4.47 0.00	70.79 4.88 0.00	73.58 5.44 0.00	63.39 4.74 0.00	57.36 4.41 0.00	54.80 4.36 0.00	52.87 4.02 0.00	57.00 4.06 0.00	56.20 3.23 0.00	66.84 3.98 0.00	62.74 4.20 0.00	63.34 4.31 0.00	93.11 5.91 -12.87	100.31 5.58 -29.69	83.41 6.65 -7.92	76.31 6.03 -8.25	125.61 4.70 -68.02	71.63 4.55 -13.68	60.53 4.40 -0.40	58.39 3.95 0.00	60.78 4.07 0.00

FPL FAR_ROCK_GT2 23815	63.12 5.36 0.00	104.21 7.77 0.00	73.81 5.53 0.00	64.05 4.47 0.00	70.79 4.88 0.00	73.58 5.44 0.00	63.39 4.74 0.00	57.36 4.41 0.00	54.80 4.36 0.00	52.87 4.02 0.00	57.00 4.06 0.00	56.20 3.23 0.00	66.84 3.98 0.00	62.74 4.20 0.00	63.34 4.31 0.00	93.11 5.91 -12.87	100.31 5.58 -29.69	83.41 6.65 -7.92	76.31 6.03 -8.25	125.61 4.70 -68.02	71.63 4.55 -13.68	60.53 4.40 -0.40	58.39 3.95 0.00	60.78 4.07 0.00
FRANKLIN_FALL_HYD 24054	59.23 1.48 0.00	99.63 3.19 0.00	70.32 2.04 0.00	61.49 1.90 0.00	68.10 2.18 0.00	70.28 2.14 0.00	59.64 1.00 0.00	53.85 0.90 0.00	51.28 0.84 0.00	49.65 0.80 0.00	53.85 0.92 0.00	54.27 1.29 0.00	64.45 1.58 0.00	60.26 1.72 0.00	60.92 1.89 0.00	76.42 2.09 0.00	66.12 1.07 0.00	69.51 0.68 0.00	62.45 0.43 0.00	53.34 0.44 0.00	53.57 0.17 0.00	56.17 0.45 0.00	55.43 0.99 0.00	58.04 1.33 0.00
FREEPORT_EQUS_GT1 23764	62.81 5.06 0.00	103.32 6.88 0.00	73.30 5.02 0.00	63.78 4.20 0.00	70.36 4.44 0.00	73.02 4.88 0.00	62.90 4.26 0.00	57.14 4.20 0.00	54.56 4.12 0.00	52.60 3.75 0.00	56.63 3.69 0.00	55.80 2.82 0.00	66.27 3.40 0.00	62.31 3.77 0.00	62.94 3.91 0.00	92.61 5.41 -12.87	99.97 5.24 -29.69	82.94 6.18 -7.92	75.83 5.55 -8.25	125.21 4.30 -68.02	71.31 4.22 -13.69	60.33 4.21 -0.40	58.19 3.75 0.00	60.53 3.82 0.00
FREEPORT___CT2 23818	62.81 5.06 0.00	103.32 6.88 0.00	73.30 5.02 0.00	63.78 4.20 0.00	70.36 4.44 0.00	73.02 4.88 0.00	62.90 4.26 0.00	57.14 4.20 0.00	54.56 4.12 0.00	52.60 3.75 0.00	56.63 3.69 0.00	55.80 2.82 0.00	66.27 3.40 0.00	62.31 3.77 0.00	62.94 3.91 0.00	92.61 5.41 -12.87	99.97 5.24 -29.69	82.94 6.18 -7.92	75.83 5.55 -8.25	125.21 4.30 -68.02	71.31 4.22 -13.69	60.33 4.21 -0.40	58.19 3.75 0.00	60.53 3.82 0.00
FRESHKLS_33_KV_LOAD 356253	61.98 4.23 0.00	102.20 5.76 0.00	72.20 3.92 0.00	62.65 3.06 0.00	69.37 3.45 0.00	72.00 3.87 0.00	62.02 3.38 0.00	56.04 3.09 0.00	53.74 3.30 0.00	51.90 3.05 0.00	55.81 2.88 0.00	55.50 2.52 0.00	65.66 2.86 0.06	58.39 2.75 2.90	55.94 2.70 5.79	69.01 3.47 8.78	59.02 3.52 9.55	73.25 4.41 0.00	65.91 3.88 0.00	55.95 3.05 0.00	56.25 2.84 0.00	58.41 2.69 0.00	56.89 2.45 0.00	59.42 2.71 0.00
FULTON COGEN____ 23766	56.04 -1.72 0.00	93.26 -3.18 0.00	66.02 -2.26 0.00	57.56 -2.02 0.00	63.72 -2.20 0.00	65.90 -2.23 0.00	56.72 -1.92 0.00	51.15 -1.80 0.00	48.74 -1.70 0.00	47.18 -1.67 0.00	51.12 -1.82 0.00	51.10 -1.88 0.00	60.68 -2.18 0.00	56.52 -2.02 0.00	57.03 -2.01 0.00	71.96 -2.37 0.00	63.15 -1.90 0.00	67.13 -1.70 0.00	60.47 -1.55 0.00	51.32 -1.58 0.00	51.77 -1.63 0.00	53.84 -1.88 0.00	52.59 -1.86 0.00	54.79 -1.92 0.00
FULTON___LFGE 323630	61.05 3.30 0.00	101.65 5.21 0.00	71.98 3.70 0.00	62.69 3.11 0.00	69.39 3.48 0.00	71.84 3.71 0.00	61.89 3.25 0.00	55.91 2.97 0.00	53.00 2.56 0.00	50.95 2.10 0.00	54.83 1.89 0.00	55.02 2.04 0.00	65.73 2.87 0.00	61.06 2.52 0.00	62.00 2.96 0.00	78.66 4.34 0.00	69.42 4.38 0.00	73.70 4.87 0.00	66.30 4.28 0.00	56.36 3.46 0.00	56.78 3.38 0.00	58.99 3.27 0.00	57.36 2.92 0.00	59.64 2.92 0.00
G.F.CEMENT___DRP 24184	61.40 3.64 0.00	101.97 5.53 0.00	72.17 3.89 0.00	62.92 3.33 0.00	69.57 3.66 0.00	71.78 3.65 0.00	61.99 3.34 0.00	56.15 3.20 0.00	53.40 2.97 0.00	51.42 2.56 0.00	55.38 2.44 0.00	55.31 2.33 0.00	65.63 2.77 0.00	61.48 2.94 0.00	62.17 3.13 0.00	78.65 4.33 0.00	69.15 4.10 0.00	73.54 4.71 0.00	66.46 4.43 0.00	56.32 3.43 0.00	56.71 3.31 0.00	58.89 3.17 0.00	57.21 2.77 0.00	59.41 2.70 0.00
GARDENVILLE___LBMP 24039	54.02 -3.73 0.00	89.11 -7.33 0.00	63.39 -4.89 0.00	55.51 -4.07 0.00	61.53 -4.38 0.00	63.54 -4.60 0.00	54.17 -4.47 0.00	46.90 -5.05 0.99	45.65 -4.78 0.01	42.41 -4.50 1.94	43.61 -4.59 4.75	48.37 -4.60 0.00	57.51 -5.35 0.00	46.92 -5.18 6.45	50.99 -5.23 2.82	67.11 -6.31 0.91	59.76 -5.29 0.00	64.31 -4.52 0.00	57.77 -4.25 0.00	48.58 -4.32 0.00	49.25 -4.15 0.00	51.16 -4.56 0.00	50.52 -3.93 0.00	53.30 -3.41 0.00
GARDNVLA_35_KV_LD 355827	54.36 -3.39 0.00	89.64 -6.80 0.00	63.75 -4.53 0.00	55.83 -3.76 0.00	61.89 -4.02 0.00	63.90 -4.23 0.00	54.51 -4.13 0.00	47.36 -4.78 0.81	45.90 -4.53 0.01	43.01 -4.26 1.59	44.74 -4.32 3.88	48.66 -4.32 0.00	57.84 -5.02 0.00	48.35 -4.92 5.28	51.79 -4.94 2.30	67.54 -5.91 0.87	60.10 -4.95 0.00	64.70 -4.13 0.00	58.14 -3.88 0.00	48.85 -4.05 0.00	49.56 -3.85 0.00	51.45 -4.27 0.00	50.79 -3.65 0.00	53.56 -3.15 0.00
GELCKHM___115KV_LOAD 80723	56.60 -1.16 0.00	94.19 -2.25 0.00	66.70 -1.58 0.00	58.16 -1.42 0.00	64.36 -1.55 0.00	66.58 -1.56 0.00	57.30 -1.34 0.00	51.64 -1.30 0.00	49.23 -1.21 0.00	47.63 -1.22 0.00	51.62 -1.32 0.00	51.64 -1.34 0.00	61.33 -1.53 0.00	57.06 -1.48 0.00	57.58 -1.45 0.00	72.68 -1.64 0.00	63.77 -1.27 0.00	67.83 -1.00 0.00	61.09 -0.93 0.00	51.82 -1.08 0.00	52.28 -1.12 0.00	54.42 -1.30 0.00	53.14 -1.30 0.00	55.39 -1.32 0.00
GENERAL___MILLS 23808	54.25 -3.50 0.00	89.48 -6.96 0.00	63.65 -4.62 0.00	55.74 -3.84 0.00	61.78 -4.13 0.00	63.79 -4.35 0.00	54.40 -4.24 0.00	47.23 -4.86 0.85	45.83 -4.60 0.01	42.84 -4.33 1.68	44.43 -4.39 4.11	48.56 -4.42 0.00	57.73 -5.13 0.00	47.95 -5.00 5.59	51.57 -5.03 2.44	67.38 -6.06 0.88	59.97 -5.07 0.00	64.56 -4.27 0.00	58.01 -4.01 0.00	48.76 -4.14 0.00	49.45 -3.95 0.00	51.34 -4.38 0.00	50.70 -3.74 0.00	53.48 -3.23 0.00
GE_PLASTICS___DRP 24183	59.98 2.22 0.00	99.70 3.26 0.00	70.54 2.27 0.00	61.46 1.88 0.00	68.00 2.08 0.00	70.35 2.21 0.00	60.62 1.98 0.00	54.75 1.80 0.00	52.22 1.78 0.00	50.42 1.57 0.00	54.48 1.54 0.00	54.54 1.56 0.00	64.51 1.65 0.00	60.11 1.57 0.00	60.43 1.39 0.00	76.21 1.88 0.00	66.86 1.81 0.00	71.16 2.33 0.00	64.13 2.10 0.00	54.52 1.62 0.00	54.97 1.56 0.00	57.35 1.62 0.00	56.14 1.70 0.00	58.50 1.78 0.00
GILBOA___1 23756	59.64 1.89 0.00	99.13 2.69 0.00	70.13 1.85 0.00	61.08 1.49 0.00	67.56 1.65 0.00	69.91 1.78 0.00	60.21 1.57 0.00	54.38 1.43 0.00	51.87 1.43 0.00	50.14 1.29 0.00	54.18 1.25 0.00	54.32 1.35 0.00	64.32 1.46 0.00	59.81 1.27 0.00	60.30 1.26 0.00	76.02 1.72 0.02	66.66 1.61 0.00	70.97 2.14 0.00	64.01 1.99 0.00	54.36 1.46 0.00	54.80 1.40 0.00	57.05 1.33 0.00	55.70 1.26 0.00	58.08 1.37 0.00
GILBOA___2 23757	59.64 1.89 0.00	99.13 2.69 0.00	70.13 1.85 0.00	61.08 1.49 0.00	67.56 1.65 0.00	69.91 1.78 0.00	60.21 1.57 0.00	54.38 1.43 0.00	51.87 1.43 0.00	50.14 1.29 0.00	54.18 1.25 0.00	54.32 1.35 0.00	64.32 1.46 0.00	59.81 1.27 0.00	60.30 1.26 0.00	76.02 1.72 0.02	66.66 1.61 0.00	70.97 2.14 0.00	64.01 1.99 0.00	54.36 1.46 0.00	54.80 1.40 0.00	57.05 1.33 0.00	55.70 1.26 0.00	58.08 1.37 0.00

GILBOA___3 23758	59.64 1.89 0.00	99.13 2.69 0.00	70.13 1.85 0.00	61.08 1.49 0.00	67.56 1.65 0.00	69.91 1.78 0.00	60.21 1.57 0.00	54.38 1.43 0.00	51.87 1.43 0.00	50.14 1.29 0.00	54.18 1.25 0.00	54.32 1.35 0.00	64.32 1.46 0.00	59.81 1.27 0.00	60.30 1.26 0.00	76.02 1.72 0.02	66.66 1.61 0.00	70.97 2.14 0.00	64.01 1.99 0.00	54.36 1.46 0.00	54.80 1.40 0.00	57.05 1.33 0.00	55.70 1.26 0.00	58.08 1.37 0.00
GILBOA___4 23759	59.64 1.89 0.00	99.13 2.69 0.00	70.13 1.85 0.00	61.08 1.49 0.00	67.56 1.65 0.00	69.91 1.78 0.00	60.21 1.57 0.00	54.38 1.43 0.00	51.87 1.43 0.00	50.14 1.29 0.00	54.18 1.25 0.00	54.32 1.35 0.00	64.32 1.46 0.00	59.81 1.27 0.00	60.30 1.26 0.00	76.02 1.72 0.02	66.66 1.61 0.00	70.97 2.14 0.00	64.01 1.99 0.00	54.36 1.46 0.00	54.80 1.40 0.00	57.05 1.33 0.00	55.70 1.26 0.00	58.08 1.37 0.00
GILBOA___ 23599	59.64 1.89 0.00	99.13 2.69 0.00	70.13 1.85 0.00	61.07 1.49 0.00	67.56 1.65 0.00	69.92 1.78 0.00	60.21 1.57 0.00	54.38 1.43 0.00	51.88 1.44 0.00	50.13 1.28 0.00	54.19 1.25 0.00	54.32 1.35 0.00	64.32 1.46 0.00	59.81 1.27 0.00	60.30 1.26 0.00	76.02 1.72 0.02	66.66 1.61 0.00	70.98 2.14 0.00	64.01 1.99 0.00	54.36 1.46 0.00	54.80 1.40 0.00	57.05 1.33 0.00	55.70 1.26 0.00	58.08 1.37 0.00
GINNA___ 23603	53.50 -4.26 0.00	88.71 -7.73 0.00	62.96 -5.32 0.00	55.01 -4.58 0.00	60.91 -5.00 0.00	63.02 -5.11 0.00	54.07 -4.57 0.00	48.35 -4.60 0.00	46.11 -4.33 0.00	44.64 -4.22 0.00	48.52 -4.42 0.00	48.56 -4.42 0.00	57.70 -5.16 0.00	53.62 -4.92 0.00	54.12 -4.92 0.00	68.48 -5.92 -0.07	60.13 -4.92 0.00	64.22 -4.61 0.00	57.74 -4.29 0.00	48.76 -4.14 0.00	49.27 -4.13 0.00	51.15 -4.57 0.00	50.11 -4.33 0.00	52.45 -4.27 0.00
GLEN PARK___ 23778	58.92 1.17 0.00	98.25 1.81 0.00	68.80 0.52 0.00	59.89 0.30 0.00	66.25 0.34 0.00	68.47 0.34 0.00	58.11 -0.53 0.00	52.50 -0.45 0.00	50.23 -0.21 0.00	48.93 0.08 0.00	53.25 0.31 0.00	53.36 0.38 0.00	63.21 0.35 0.00	59.02 0.48 0.00	59.51 0.48 0.00	75.34 1.01 0.00	66.19 1.14 0.00	70.09 1.26 0.00	63.07 1.05 0.00	52.97 0.07 0.00	52.84 -0.57 0.00	54.69 -1.03 0.00	53.49 -0.95 0.00	55.63 -1.09 0.00
GLENDALE_27_KV_LOAD 356172	62.11 4.36 0.00	102.64 6.20 0.00	72.48 4.20 0.00	62.87 3.28 0.00	69.54 3.63 0.00	72.15 4.01 0.00	62.16 3.52 0.00	56.26 3.31 0.00	53.93 3.49 0.00	52.14 3.29 0.00	56.07 3.14 0.00	55.79 2.81 0.00	66.14 3.27 0.00	61.73 3.19 0.00	62.24 3.20 0.00	78.43 4.13 0.02	69.07 4.02 0.00	73.72 4.89 0.00	66.38 4.35 0.00	56.26 3.36 0.00	56.62 3.21 0.00	58.79 3.07 0.00	57.24 2.80 0.00	59.74 3.03 0.00
GLENWOOD_IC_1_G5 23712	62.34 4.59 0.00	103.02 6.58 0.00	72.90 4.62 0.00	63.29 3.70 0.00	69.96 4.05 0.00	72.64 4.51 0.00	62.58 3.94 0.00	56.63 3.68 0.00	54.15 3.71 0.00	52.27 3.42 0.00	56.35 3.42 0.00	55.80 2.82 0.00	66.22 3.36 0.00	62.02 3.08 0.00	62.59 3.55 0.00	91.99 4.79 -12.87	99.05 4.31 -29.69	81.95 5.19 -7.92	74.91 4.63 -8.25	124.45 3.53 -68.02	70.48 3.39 -13.69	59.35 3.23 -0.40	57.27 2.82 0.00	59.68 2.97 0.00
GLENWOOD_IC_2_G1 23688	62.02 4.27 0.00	102.57 6.13 0.00	72.54 4.27 0.00	62.97 3.38 0.00	69.63 3.72 0.00	72.27 4.14 0.00	62.26 3.62 0.00	56.32 3.38 0.00	53.86 3.42 0.00	52.01 3.16 0.00	56.05 3.12 0.00	55.61 2.63 0.00	65.96 3.10 0.00	61.70 3.16 0.00	62.26 3.23 0.00	91.56 4.36 -12.87	98.98 4.24 -29.69	81.88 5.13 -7.92	74.85 4.58 -8.25	124.40 3.48 -68.02	70.43 3.34 -13.68	59.32 3.20 -0.40	57.30 2.85 0.00	59.74 3.03 0.00
GLENWOOD_IC_3_G1 23689	62.02 4.27 0.00	102.57 6.13 0.00	72.54 4.27 0.00	62.97 3.38 0.00	69.63 3.72 0.00	72.27 4.14 0.00	62.26 3.62 0.00	56.32 3.38 0.00	53.86 3.42 0.00	52.01 3.16 0.00	56.05 3.12 0.00	55.61 2.63 0.00	65.96 3.10 0.00	61.70 3.16 0.00	62.26 3.23 0.00	91.56 4.36 -12.87	98.98 4.24 -29.69	81.88 5.13 -7.92	74.85 4.58 -8.25	124.40 3.48 -68.02	70.43 3.34 -13.68	59.32 3.20 -0.40	57.30 2.85 0.00	59.74 3.03 0.00
GLENWOOD___4 23550	62.34 4.59 0.00	103.02 6.58 0.00	72.90 4.62 0.00	63.29 3.70 0.00	69.96 4.05 0.00	72.64 4.51 0.00	62.58 3.94 0.00	56.63 3.68 0.00	54.15 3.71 0.00	52.27 3.42 0.00	56.35 3.42 0.00	55.80 2.82 0.00	66.22 3.36 0.00	62.02 3.48 0.00	62.59 3.55 0.00	92.01 4.81 -12.87	99.21 4.47 -29.69	82.11 5.36 -7.92	75.06 4.79 -8.25	124.58 3.66 -68.02	70.60 3.51 -13.69	59.49 3.37 -0.40	57.41 2.97 0.00	59.82 3.11 0.00
GLENWOOD___5 23614	62.34 4.59 0.00	103.02 6.58 0.00	72.90 4.62 0.00	63.29 3.70 0.00	69.96 4.05 0.00	72.64 4.51 0.00	62.58 3.94 0.00	56.63 3.68 0.00	54.15 3.71 0.00	52.27 3.42 0.00	56.35 3.42 0.00	55.80 2.82 0.00	66.22 3.36 0.00	62.02 3.48 0.00	62.59 3.55 0.00	92.01 4.81 -12.87	99.21 4.47 -29.69	82.11 5.36 -7.92	75.06 4.79 -8.25	124.58 3.66 -68.02	70.60 3.51 -13.69	59.49 3.37 -0.40	57.41 2.97 0.00	59.82 3.11 0.00
GLOBAL GREEN_PORT_GT1 23814	65.68 7.93 0.00	108.39 11.96 0.00	77.15 8.87 0.00	67.11 7.53 0.00	74.18 8.26 0.00	77.24 9.11 0.00	66.61 7.97 0.00	60.27 7.32 0.00	57.39 6.95 0.00	55.07 6.22 0.00	59.11 6.17 0.00	57.66 4.68 0.00	68.14 5.27 0.00	64.34 5.80 0.00	65.31 6.27 0.00	96.24 9.04 -12.87	103.96 9.23 -29.69	87.20 10.44 -7.92	79.46 9.19 -8.25	128.43 7.51 -68.02	74.41 7.32 -13.69	63.17 7.04 -0.40	60.62 6.18 0.00	62.81 6.09 0.00
GLOBE___DSASP 323697	52.63 -5.12 0.00	86.86 -9.58 0.00	61.85 -6.43 0.00	54.14 -5.44 0.00	60.02 -5.89 0.00	62.02 -6.11 0.00	52.75 -5.90 0.00	45.82 -6.47 0.66	44.35 -6.08 0.01	41.80 -5.76 1.29	43.82 -5.96 3.15	46.80 -6.18 0.00	55.53 -7.33 0.00	47.29 -6.95 4.30	50.12 -7.04 1.87	64.64 -8.68 1.00	57.68 -7.37 0.00	62.07 -6.77 0.00	55.70 -6.32 0.00	46.87 -6.03 0.00	47.59 -5.81 0.00	49.43 -6.29 0.00	48.99 -5.46 0.00	52.06 -4.65 0.00
GOETHSLN___LBMP 323567	61.49 3.74 0.00	101.58 5.14 0.00	71.69 3.41 0.00	62.19 2.60 0.00	68.84 2.92 0.00	71.39 3.26 0.00	61.50 2.86 0.00	55.63 2.69 0.00	53.33 2.89 0.00	51.55 2.70 0.00	55.49 2.55 0.00	55.21 2.23 0.00	65.39 2.52 0.00	61.03 2.49 0.00	61.57 2.53 0.00	77.58 3.27 0.02	68.35 3.30 0.00	72.89 4.06 0.00	65.61 3.59 0.00	55.57 2.67 0.00	55.93 2.52 0.00	58.09 2.38 0.01	56.52 2.12 0.04	59.06 2.34 0.00
GOLAH___69_KV_TB 1_2 80279	55.75 -2.00 0.00	92.32 -4.12 0.00	65.55 -2.73 0.00	57.29 -2.30 0.00	63.45 -2.46 0.00	65.63 -2.50 0.00	56.21 -2.43 0.00	50.00 -2.84 0.11	47.78 -2.66 0.00	46.07 -2.57 0.21	49.79 -2.64 0.51	50.29 -2.69 0.00	59.78 -3.09 0.00	54.85 -3.00 0.69	55.78 -2.95 0.30	70.91 -3.41 0.00	62.39 -2.66 0.00	66.85 -1.98 0.00	60.03 -1.99 0.00	50.63 -2.27 0.00	51.20 -2.20 0.00	53.16 -2.56 0.00	52.20 -2.24 0.00	54.73 -1.99 0.00

GOODYEAR_LAKE_HYD 323669	59.85 2.10 0.00	99.51 3.07 0.00	70.42 2.14 0.00	61.33 1.74 0.00	67.86 1.95 0.00	70.25 2.11 0.00	60.53 1.88 0.00	54.63 1.68 0.00	52.03 1.59 0.00	50.38 1.53 0.00	54.59 1.66 0.00	54.54 1.56 0.00	64.80 1.94 0.00	60.29 1.75 0.00	60.93 1.89 0.00	76.86 2.59 0.05	67.52 2.47 0.00	71.80 2.97 0.00	64.65 2.62 0.00	54.82 1.92 0.00	55.20 1.80 0.00	57.35 1.63 0.00	55.85 1.40 0.00	58.18 1.47 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	57.47 -0.28 0.00	95.49 -0.95 0.00	67.60 -0.68 0.00	58.86 -0.72 0.00	65.20 -0.71 0.00	67.37 -0.76 0.00	57.96 -0.68 0.00	52.38 -0.68 -0.11	49.76 -0.68 0.00	48.39 -0.68 -0.22	52.85 -0.62 -0.53	52.25 -0.72 0.00	62.10 -0.77 0.00	58.41 -0.84 -0.71	58.67 -0.68 -0.31	73.54 -0.64 0.14	64.63 -0.42 0.00	68.87 0.04 0.00	62.16 0.14 0.00	52.38 -0.51 0.00	52.96 -0.44 0.00	55.13 -0.59 0.00	53.86 -0.58 0.00	56.19 -0.52 0.00
GOUDEY___7 23579	57.47 -0.28 0.00	95.49 -0.95 0.00	67.60 -0.68 0.00	58.86 -0.72 0.00	65.20 -0.71 0.00	67.37 -0.76 0.00	57.96 -0.68 0.00	52.38 -0.68 -0.11	49.76 -0.68 0.00	48.39 -0.68 -0.22	52.85 -0.62 -0.53	52.25 -0.72 0.00	62.10 -0.77 0.00	58.41 -0.84 -0.71	58.67 -0.68 -0.31	73.54 -0.64 0.14	64.63 -0.42 0.00	68.87 0.04 0.00	62.16 0.14 0.00	52.38 -0.51 0.00	52.96 -0.44 0.00	55.13 -0.59 0.00	53.86 -0.58 0.00	56.19 -0.52 0.00
GOUDEY___8 23580	57.47 -0.28 0.00	95.49 -0.95 0.00	67.60 -0.68 0.00	58.86 -0.72 0.00	65.20 -0.71 0.00	67.37 -0.76 0.00	57.96 -0.68 0.00	52.38 -0.68 -0.11	49.76 -0.68 0.00	48.39 -0.68 -0.22	52.85 -0.62 -0.53	52.25 -0.72 0.00	62.10 -0.77 0.00	58.41 -0.84 -0.71	58.67 -0.68 -0.31	73.54 -0.64 0.14	64.63 -0.42 0.00	68.87 0.04 0.00	62.16 0.14 0.00	52.38 -0.51 0.00	52.96 -0.44 0.00	55.13 -0.59 0.00	53.86 -0.58 0.00	56.19 -0.52 0.00
GOWANUS_GT1_1 24077	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GOWANUS_GT1_2 24078	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GOWANUS_GT1_3 24079	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GOWANUS_GT1_4 24080	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GOWANUS_GT1_5 24084	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GOWANUS_GT1_6 24111	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GOWANUS_GT1_7 24112	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GOWANUS_GT1_8 24113	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GOWANUS_GT2_1 24114	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
GOWANUS_GT2_2 24115	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
GOWANUS_GT2_3 24116	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00

GOWANUS_GT2_4 24117	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
GOWANUS_GT2_5 24118	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
GOWANUS_GT2_6 24119	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
GOWANUS_GT2_7 24120	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
GOWANUS_GT2_8 24121	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
GOWANUS_GT3_1 24122	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
GOWANUS_GT3_2 24123	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
GOWANUS_GT3_3 24124	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
GOWANUS_GT3_4 24125	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
GOWANUS_GT3_5 24126	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
GOWANUS_GT3_6 24127	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
GOWANUS_GT3_7 24128	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
GOWANUS_GT3_8 24129	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
GOWANUS_GT4_1 24130	62.00 4.25 0.00	102.38 5.95 0.00	72.33 4.06 0.00	62.73 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.05 3.40 0.00	56.11 3.17 0.00	53.81 3.37 0.00	52.02 3.17 0.00	55.98 3.04 0.00	55.69 2.72 0.00	65.99 3.12 0.00	61.57 3.02 0.00	62.02 2.99 0.00	73.39 3.82 4.76	57.55 3.78 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.08 2.64 0.00	59.58 2.87 0.00
GOWANUS_GT4_2 24131	62.00 4.25 0.00	102.38 5.95 0.00	72.33 4.06 0.00	62.73 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.05 3.40 0.00	56.11 3.17 0.00	53.81 3.37 0.00	52.02 3.17 0.00	55.98 3.04 0.00	55.69 2.72 0.00	65.99 3.12 0.00	61.57 3.02 0.00	62.02 2.99 0.00	73.39 3.82 4.76	57.55 3.78 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.08 2.64 0.00	59.58 2.87 0.00

GOWANUS_GT4_3 24132	62.00 4.25 0.00	102.38 5.95 0.00	72.33 4.06 0.00	62.73 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.05 3.40 0.00	56.11 3.17 0.00	53.81 3.37 0.00	52.02 3.17 0.00	55.98 3.04 0.00	55.69 2.72 0.00	65.99 3.12 0.00	61.57 3.02 0.00	62.02 2.99 0.00	73.39 3.82 4.76	57.55 3.78 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.08 2.64 0.00	59.58 2.87 0.00
GOWANUS_GT4_4 24133	62.00 4.25 0.00	102.38 5.95 0.00	72.33 4.06 0.00	62.73 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.05 3.40 0.00	56.11 3.17 0.00	53.81 3.37 0.00	52.02 3.17 0.00	55.98 3.04 0.00	55.69 2.72 0.00	65.99 3.12 0.00	61.57 3.02 0.00	62.02 2.99 0.00	73.39 3.82 4.76	57.55 3.78 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.08 2.64 0.00	59.58 2.87 0.00
GOWANUS_GT4_5 24134	62.00 4.25 0.00	102.38 5.95 0.00	72.33 4.06 0.00	62.73 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.05 3.40 0.00	56.11 3.17 0.00	53.81 3.37 0.00	52.02 3.17 0.00	55.98 3.04 0.00	55.69 2.72 0.00	65.99 3.12 0.00	61.57 3.02 0.00	62.02 2.99 0.00	73.39 3.82 4.76	57.55 3.78 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.08 2.64 0.00	59.58 2.87 0.00
GOWANUS_GT4_6 24135	62.00 4.25 0.00	102.38 5.95 0.00	72.33 4.06 0.00	62.73 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.05 3.40 0.00	56.11 3.17 0.00	53.81 3.37 0.00	52.02 3.17 0.00	55.98 3.04 0.00	55.69 2.72 0.00	65.99 3.12 0.00	61.57 3.02 0.00	62.02 2.99 0.00	73.39 3.82 4.76	57.55 3.78 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.08 2.64 0.00	59.58 2.87 0.00
GOWANUS_GT4_7 24136	62.00 4.25 0.00	102.38 5.95 0.00	72.33 4.06 0.00	62.73 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.05 3.40 0.00	56.11 3.17 0.00	53.81 3.37 0.00	52.02 3.17 0.00	55.98 3.04 0.00	55.69 2.72 0.00	65.99 3.12 0.00	61.57 3.02 0.00	62.02 2.99 0.00	73.39 3.82 4.76	57.55 3.78 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.08 2.64 0.00	59.58 2.87 0.00
GOWANUS_GT4_8 24137	62.00 4.25 0.00	102.38 5.95 0.00	72.33 4.06 0.00	62.73 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.05 3.40 0.00	56.11 3.17 0.00	53.81 3.37 0.00	52.02 3.17 0.00	55.98 3.04 0.00	55.69 2.72 0.00	65.99 3.12 0.00	61.57 3.02 0.00	62.02 2.99 0.00	73.39 3.82 4.76	57.55 3.78 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.08 2.64 0.00	59.58 2.87 0.00
GREENBSH_115KV_TB3 55895	60.10 2.35 0.00	99.92 3.48 0.00	70.69 2.41 0.00	61.58 2.00 0.00	68.12 2.21 0.00	70.48 2.35 0.00	60.77 2.13 0.00	54.90 1.95 0.00	52.34 1.90 0.00	50.54 1.69 0.00	54.57 1.64 0.00	54.64 1.66 0.00	64.62 1.76 0.00	60.23 1.69 0.00	60.42 1.39 0.00	76.19 1.86 0.00	66.85 1.80 0.00	71.17 2.33 0.00	64.14 2.11 0.00	54.54 1.64 0.00	54.99 1.58 0.00	57.42 1.70 0.00	56.32 1.88 0.00	58.67 1.96 0.00
GREENIDGE_115KV_TB5 80291	56.06 -1.69 0.00	92.92 -3.52 0.00	66.02 -2.26 0.00	57.54 -2.05 0.00	63.80 -2.11 0.00	65.92 -2.21 0.00	56.64 -2.00 0.00	52.22 -2.00 -1.27	48.52 -1.93 -0.01	49.42 -1.92 -2.49	57.07 -1.96 -6.08	50.94 -2.04 0.00	60.70 -2.17 0.00	64.59 -2.16 -8.21	60.69 -1.96 -3.61	72.09 -2.10 0.14	63.53 -1.52 0.00	68.01 -0.83 0.00	61.34 -0.68 0.00	51.53 -1.37 0.00	52.07 -1.34 0.00	54.10 -1.62 0.00	52.86 -1.59 0.00	55.18 -1.54 0.00
GREENIDGE___3 23582	56.06 -1.69 0.00	92.92 -3.52 0.00	66.02 -2.26 0.00	57.54 -2.05 0.00	63.80 -2.11 0.00	65.92 -2.21 0.00	56.64 -2.00 0.00	52.22 -2.00 -1.27	48.52 -1.93 -0.01	49.42 -1.92 -2.49	57.07 -1.96 -6.08	50.94 -2.04 0.00	60.70 -2.17 0.00	64.59 -2.16 -8.21	60.69 -1.96 -3.61	72.09 -2.10 0.14	63.53 -1.52 0.00	68.01 -0.83 0.00	61.34 -0.68 0.00	51.53 -1.37 0.00	52.07 -1.34 0.00	54.10 -1.62 0.00	52.86 -1.59 0.00	55.18 -1.54 0.00
GREENIDGE___4 23583	56.07 -1.69 0.00	92.93 -3.52 0.00	66.02 -2.26 0.00	57.54 -2.05 0.00	63.79 -2.12 0.00	65.92 -2.21 0.00	56.64 -2.00 0.00	52.20 -2.01 -1.27	48.52 -1.93 -0.01	49.42 -1.92 -2.49	57.08 -1.94 -6.08	50.94 -2.04 0.00	60.70 -2.17 0.00	64.59 -2.16 -8.21	60.68 -1.96 -3.61	72.07 -2.11 0.14	63.53 -1.52 0.00	68.00 -0.83 0.00	61.34 -0.68 0.00	51.53 -1.38 0.00	52.07 -1.34 0.00	54.10 -1.62 0.00	52.85 -1.59 0.00	55.17 -1.55 0.00
GREENLWN_69_KV_BK 3 55738	62.62 4.87 0.00	103.37 6.93 0.00	73.34 5.06 0.00	63.70 4.11 0.00	70.32 4.41 0.00	73.18 5.05 0.00	63.00 4.35 0.00	57.09 4.15 0.00	54.49 4.05 0.00	52.48 3.62 0.00	56.46 3.52 0.00	55.55 2.57 0.00	65.90 3.04 0.00	62.00 3.46 0.00	62.62 3.58 0.00	92.60 5.40 -12.87	100.32 5.58 -29.69	83.29 6.54 -7.92	76.09 5.82 -8.25	125.48 4.56 -68.02	71.50 4.41 -13.69	60.41 4.29 -0.40	58.31 3.87 0.00	60.63 3.91 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00
GRISSOM___SOLAR 323813	61.08 3.33 0.00	101.68 5.24 0.00	72.02 3.74 0.00	62.71 3.13 0.00	69.40 3.49 0.00	71.87 3.74 0.00	61.92 3.28 0.00	55.94 2.99 0.00	52.96 2.52 0.00	50.82 1.97 0.00	54.66 1.72 0.00	54.92 1.94 0.00	65.52 2.66 0.00	60.93 2.39 0.00	61.84 2.81 0.00	78.55 4.22 0.00	69.33 4.28 0.00	73.64 4.80 0.00	66.25 4.23 0.00	56.33 3.42 0.00	56.74 3.33 0.00	58.95 3.23 0.00	57.36 2.92 0.00	59.64 2.93 0.00
GROVEVILLE___HYD 323602	62.23 4.48 0.00	103.12 6.69 0.00	72.85 4.57 0.00	63.29 3.70 0.00	70.05 4.14 0.00	72.63 4.50 0.00	62.60 3.96 0.00	56.58 3.63 0.00	54.11 3.67 0.00	52.33 3.48 0.00	56.33 3.39 0.00	56.04 3.06 0.00	66.45 3.59 0.00	62.01 3.47 0.00	62.62 3.58 0.00	79.02 4.71 0.02	69.65 4.61 0.00	74.36 5.53 0.00	66.98 4.96 0.00	56.75 3.85 0.00	57.08 3.67 0.00	59.24 3.53 0.00	57.67 3.23 0.00	60.16 3.44 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	57.00 -0.75 0.00	94.89 -1.55 0.00	67.18 -1.09 0.00	58.59 -0.99 0.00	64.82 -1.09 0.00	67.07 -1.06 0.00	57.74 -0.90 0.00	52.06 -0.89 0.00	49.63 -0.81 0.00	48.00 -0.85 0.00	52.00 -0.93 0.00	52.03 -0.94 0.00	61.80 -1.07 0.00	57.50 -1.04 0.00	58.05 -0.99 0.00	73.27 -1.06 0.00	64.32 -0.73 0.00	68.42 -0.41 0.00	61.62 -0.40 0.00	52.24 -0.66 0.00	52.71 -0.69 0.00	54.85 -0.86 0.00	53.54 -0.90 0.00	55.81 -0.90 0.00

HAMLTNNY_34_KV_TB 80303	57.02 -0.74 0.00	94.93 -1.51 0.00	67.22 -1.05 0.00	58.64 -0.94 0.00	64.84 -1.07 0.00	67.13 -1.01 0.00	57.79 -0.86 0.00	52.08 -0.86 0.00	49.65 -0.79 0.00	48.02 -0.83 0.00	52.00 -0.94 0.00	52.05 -0.93 0.00	61.82 -1.05 0.00	57.53 -1.01 0.00	58.11 -0.93 0.00	73.32 -1.01 0.00	64.39 -0.66 0.00	68.53 -0.30 0.00	61.71 -0.32 0.00	52.29 -0.61 0.00	52.77 -0.63 0.00	54.92 -0.81 0.00	53.57 -0.87 0.00	55.87 -0.84 0.00
HAMPSHIRE___PAPER_HYD 323593	58.22 0.47 0.00	97.35 0.91 0.00	68.26 -0.01 0.00	59.53 -0.06 0.00	65.85 -0.06 0.00	67.98 -0.15 0.00	56.52 -2.13 0.00	50.77 -2.18 0.00	48.58 -1.86 0.00	47.29 -1.57 0.00	51.07 -1.86 0.00	51.83 -1.15 0.00	61.37 -1.49 0.00	57.55 -0.99 0.00	58.32 -0.72 0.00	73.52 -0.80 0.00	63.45 -1.60 0.00	66.98 -1.85 0.00	60.27 -1.76 0.00	50.89 -2.01 0.00	50.72 -2.68 0.00	52.72 -3.00 0.00	52.19 -2.25 0.00	55.39 -1.32 0.00
HARDSCRABBLE_WT_PWR 323673	58.64 0.89 0.00	97.26 0.82 0.00	68.70 0.43 0.00	59.81 0.22 0.00	66.04 0.12 0.00	68.41 0.27 0.00	59.04 0.39 0.00	53.49 0.54 0.00	50.91 0.47 0.00	49.12 0.27 0.00	53.12 0.18 0.00	53.32 0.34 0.00	63.10 0.23 0.00	58.82 0.27 0.00	59.44 0.40 0.00	75.04 0.71 0.00	65.93 0.88 0.00	70.25 1.42 0.00	63.77 1.75 0.00	54.02 1.13 0.00	54.21 0.81 0.00	56.21 0.49 0.00	54.70 0.25 0.00	56.96 0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	61.26 3.51 0.00	101.59 5.15 0.00	71.76 3.48 0.00	62.35 2.76 0.00	69.01 3.10 0.00	71.58 3.44 0.00	61.66 3.01 0.00	55.70 2.75 0.00	53.29 2.85 0.00	51.47 2.62 0.00	55.48 2.55 0.00	55.24 2.26 0.00	65.52 2.66 0.00	61.15 2.61 0.00	61.75 2.71 0.00	77.78 3.47 0.02	68.63 3.57 0.00	73.31 4.48 0.00	66.00 3.98 0.00	55.89 2.99 0.00	56.21 2.81 0.00	58.36 2.64 0.00	56.82 2.38 0.00	59.30 2.59 0.00
HARSNRAD_115KV_TB1 81005	53.06 -4.69 0.00	87.77 -8.67 0.00	62.57 -5.71 0.00	54.77 -4.81 0.00	60.72 -5.19 0.00	62.73 -5.41 0.00	53.43 -5.22 0.00	46.51 -5.79 0.65	44.98 -5.46 0.01	42.44 -5.13 1.28	44.52 -5.28 3.14	47.48 -5.50 0.00	56.38 -6.49 0.00	48.21 -6.06 4.27	50.99 -6.18 1.87	65.93 -7.61 0.78	58.67 -6.38 0.00	63.14 -5.70 0.00	56.65 -5.37 0.00	47.65 -5.25 0.00	48.35 -5.05 0.00	50.20 -5.52 0.00	49.68 -4.77 0.00	52.49 -4.23 0.00
HARZA MOOSE___RIVER 24016	58.94 1.19 0.00	98.27 1.83 0.00	69.14 0.86 0.00	60.24 0.65 0.00	66.58 0.67 0.00	68.79 0.65 0.00	58.67 0.02 0.00	52.97 0.03 0.00	50.62 0.18 0.00	49.20 0.35 0.00	53.29 0.35 0.00	53.58 0.60 0.00	63.41 0.55 0.00	59.26 0.72 0.00	59.87 0.84 0.00	75.55 1.22 0.00	66.12 1.07 0.00	69.89 1.06 0.00	62.95 0.93 0.00	53.19 0.29 0.00	53.24 -0.17 0.00	55.28 -0.44 0.00	54.07 -0.37 0.00	56.50 -0.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	56.56 -1.19 0.00	94.12 -2.32 0.00	66.64 -1.64 0.00	58.11 -1.48 0.00	64.31 -1.60 0.00	66.52 -1.61 0.00	57.25 -1.39 0.00	51.60 -1.35 0.00	49.18 -1.26 0.00	47.57 -1.28 0.00	51.55 -1.38 0.00	51.59 -1.39 0.00	61.26 -1.60 0.00	57.00 -1.54 0.00	57.54 -1.50 0.00	72.61 -1.71 0.00	63.73 -1.32 0.00	67.77 -1.06 0.00	61.05 -0.97 0.00	51.77 -1.13 0.00	52.23 -1.17 0.00	54.36 -1.36 0.00	53.09 -1.36 0.00	55.35 -1.36 0.00
HELLGATE_13_KV_LD 55870	61.84 4.09 0.00	102.21 5.78 0.00	72.21 3.93 0.00	62.63 3.04 0.00	69.28 3.37 0.00	71.88 3.74 0.00	61.92 3.28 0.00	56.04 3.10 0.00	53.72 3.28 0.00	51.93 3.07 0.00	55.83 2.89 0.00	55.54 2.56 0.00	65.85 2.98 0.00	61.45 2.91 0.00	61.96 2.92 0.00	78.04 3.74 0.02	68.72 3.67 0.00	73.35 4.51 0.00	66.05 4.02 0.00	55.99 3.09 0.00	56.36 2.96 0.00	58.52 2.80 0.00	56.99 2.55 0.00	59.50 2.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	61.84 4.09 0.00	102.21 5.78 0.00	72.21 3.93 0.00	62.63 3.04 0.00	69.28 3.37 0.00	71.88 3.74 0.00	61.92 3.28 0.00	56.04 3.10 0.00	53.72 3.28 0.00	51.93 3.07 0.00	55.83 2.89 0.00	55.54 2.56 0.00	65.85 2.98 0.00	61.45 2.91 0.00	61.96 2.92 0.00	78.04 3.74 0.02	68.72 3.67 0.00	73.35 4.51 0.00	66.05 4.02 0.00	55.99 3.09 0.00	56.36 2.96 0.00	58.52 2.80 0.00	56.99 2.55 0.00	59.50 2.78 0.00
HEMPSTEAD____ 23647	62.32 4.57 0.00	102.87 6.43 0.00	72.86 4.59 0.00	63.31 3.72 0.00	69.93 4.02 0.00	72.62 4.49 0.00	62.57 3.93 0.00	56.71 3.76 0.00	54.15 3.72 0.00	52.24 3.38 0.00	56.25 3.31 0.00	55.54 2.56 0.00	65.93 3.06 0.00	61.89 3.35 0.00	62.49 3.45 0.00	92.03 4.84 -12.87	99.45 4.71 -29.69	82.36 5.61 -7.92	75.28 5.01 -8.25	124.77 3.85 -68.02	70.82 3.73 -13.69	59.73 3.60 -0.40	57.63 3.19 0.00	59.97 3.25 0.00
HEWLETT_69_KV_BK3 55828	62.84 5.09 0.00	103.80 7.36 0.00	73.49 5.21 0.00	63.80 4.21 0.00	70.50 4.59 0.00	73.26 5.12 0.00	63.10 4.46 0.00	57.10 4.16 0.00	54.56 4.12 0.00	52.65 3.80 0.00	56.76 3.82 0.00	55.97 2.99 0.00	66.52 3.66 0.00	62.45 3.91 0.00	63.04 4.01 0.00	92.71 5.52 -12.87	100.04 5.30 -29.69	83.08 6.32 -7.92	75.96 5.69 -8.25	125.33 4.42 -68.02	71.34 4.25 -13.68	60.24 4.12 -0.40	58.12 3.68 0.00	60.53 3.81 0.00
HICKLING___1 23621	55.97 -1.79 0.00	92.79 -3.65 0.00	65.78 -2.50 0.00	57.27 -2.31 0.00	63.55 -2.36 0.00	65.63 -2.51 0.00	56.35 -2.29 0.00	51.17 -2.24 -0.47	48.23 -2.21 0.00	47.65 -2.12 -0.92	53.17 -2.01 -2.24	50.85 -2.13 0.00	60.54 -2.32 0.00	59.13 -2.43 -3.02	58.21 -2.15 -1.33	71.70 -2.37 0.26	63.22 -1.83 0.00	67.71 -1.12 0.00	61.21 -0.81 0.00	51.18 -1.71 0.00	51.87 -1.53 0.00	54.00 -1.72 0.00	52.81 -1.63 0.00	55.17 -1.54 0.00
HICKLING___2 23622	55.97 -1.79 0.00	92.79 -3.65 0.00	65.78 -2.50 0.00	57.27 -2.31 0.00	63.55 -2.36 0.00	65.63 -2.51 0.00	56.35 -2.29 0.00	51.17 -2.24 -0.47	48.23 -2.21 0.00	47.65 -2.12 -0.92	53.17 -2.01 -2.24	50.85 -2.13 0.00	60.54 -2.32 0.00	59.13 -2.43 -3.02	58.21 -2.15 -1.33	71.70 -2.37 0.26	63.22 -1.83 0.00	67.71 -1.12 0.00	61.21 -0.81 0.00	51.18 -1.71 0.00	51.87 -1.53 0.00	54.00 -1.72 0.00	52.81 -1.63 0.00	55.17 -1.54 0.00
HIGH FALLS___HY 23754	62.95 5.20 0.00	104.30 7.86 0.00	73.63 5.35 0.00	63.97 4.38 0.00	70.83 4.92 0.00	73.51 5.37 0.00	63.37 4.73 0.00	57.44 4.50 0.00	54.95 4.51 0.00	53.10 4.25 0.00	56.87 3.93 0.00	56.43 3.45 0.00	67.12 4.26 0.00	62.75 4.21 0.00	63.53 4.49 0.00	80.09 5.79 0.02	70.75 5.69 0.00	75.64 6.80 0.00	68.06 6.03 0.00	57.60 4.70 0.00	57.88 4.48 0.00	59.96 4.24 0.00	58.24 3.79 0.00	60.68 3.97 0.00
HIGH_RIVER___SOLAR 323847	60.23 2.48 0.00	100.25 3.81 0.00	70.94 2.67 0.00	61.85 2.26 0.00	68.42 2.50 0.00	70.79 2.65 0.00	60.99 2.35 0.00	55.07 2.12 0.00	52.28 1.84 0.00	50.27 1.42 0.00	54.10 1.16 0.00	54.27 1.29 0.00	64.72 1.85 0.00	60.21 1.66 0.00	60.91 1.88 0.00	77.18 2.85 0.00	67.93 2.88 0.00	72.19 3.36 0.00	65.03 3.01 0.00	55.27 2.37 0.00	55.71 2.31 0.00	57.95 2.23 0.00	56.48 2.04 0.00	58.81 2.10 0.00

HILLBURN___GT 23639	61.24 3.49 0.00	101.53 5.09 0.00	71.71 3.44 0.00	62.28 2.69 0.00	68.95 3.04 0.00	71.53 3.39 0.00	61.59 2.95 0.00	55.65 2.70 0.00	53.25 2.81 0.00	51.41 2.56 0.00	55.40 2.46 0.00	55.18 2.20 0.00	65.40 2.53 0.00	61.02 2.48 0.00	61.59 2.56 0.00	77.51 3.20 0.02	68.33 3.27 0.00	73.02 4.18 0.00	65.74 3.71 0.00	55.66 2.76 0.00	55.96 2.56 0.00	58.13 2.41 0.00	56.60 2.16 0.00	59.08 2.37 0.00
HILLSIDE_115KV_TB1 80332	55.83 -1.93 0.00	92.60 -3.84 0.00	65.64 -2.63 0.00	57.11 -2.48 0.00	63.35 -2.56 0.00	65.40 -2.74 0.00	56.18 -2.46 0.00	51.07 -2.30 -0.42	48.17 -2.28 0.00	47.50 -2.17 -0.82	52.88 -2.06 -2.00	50.74 -2.24 0.00	60.37 -2.50 0.00	58.63 -2.61 -2.69	57.92 -2.30 -1.19	71.45 -2.64 0.24	62.88 -2.17 0.00	67.21 -1.62 0.00	60.83 -1.20 0.00	50.84 -2.06 0.00	51.58 -1.83 0.00	53.72 -2.00 0.00	52.52 -1.92 0.00	54.84 -1.88 0.00
HISHELDN_WT_PWR 323625	53.29 -4.46 0.00	87.98 -8.46 0.00	62.55 -5.72 0.00	54.73 -4.86 0.00	60.74 -5.17 0.00	62.71 -5.43 0.00	53.60 -5.05 0.00	45.28 -5.47 2.19	45.23 -5.19 0.02	39.66 -4.89 4.30	37.42 -5.01 10.51	48.05 -4.93 0.00	57.22 -5.64 0.00	38.80 -5.51 14.24	47.19 -5.61 6.24	66.77 -6.71 0.84	59.50 -5.55 0.00	64.07 -4.77 0.00	57.62 -4.40 0.00	48.42 -4.48 0.00	49.07 -4.34 0.00	50.98 -4.74 0.00	50.22 -4.22 0.00	52.90 -3.81 0.00
HOLTSVILLE_IC_1 23690	63.39 5.65 0.00	104.68 8.24 0.00	74.31 6.04 0.00	64.53 4.95 0.00	71.25 5.34 0.00	74.17 6.03 0.00	63.86 5.22 0.00	57.82 4.88 0.00	55.14 4.70 0.00	52.97 4.12 0.00	56.89 3.95 0.00	55.76 2.78 0.00	66.10 3.23 0.00	62.30 3.77 0.00	63.12 4.09 0.00	93.24 6.04 -12.87	100.96 6.23 -29.69	84.00 7.25 -7.92	76.73 6.46 -8.25	126.03 5.11 -68.02	72.05 4.96 -13.69	60.95 4.82 -0.40	58.79 4.35 0.00	61.06 4.35 0.00
HOLTSVILLE_IC_10 23699	63.78 6.03 0.00	105.32 8.88 0.00	74.76 6.48 0.00	64.91 5.33 0.00	71.64 5.73 0.00	74.59 6.45 0.00	64.24 5.60 0.00	58.16 5.21 0.00	55.44 5.01 0.00	53.28 4.43 0.00	57.21 4.27 0.00	56.02 3.05 0.00	66.37 3.50 0.00	62.63 4.09 0.00	63.48 4.45 0.00	93.72 6.53 -12.87	101.48 6.75 -29.69	84.61 7.85 -7.92	77.26 6.99 -8.25	126.47 5.55 -68.02	72.49 5.39 -13.69	61.37 5.24 -0.40	59.16 4.71 0.00	61.41 4.70 0.00
HOLTSVILLE_IC_2 23691	63.39 5.65 0.00	104.68 8.24 0.00	74.31 6.04 0.00	64.53 4.95 0.00	71.25 5.34 0.00	74.17 6.03 0.00	63.86 5.22 0.00	57.82 4.88 0.00	55.14 4.70 0.00	52.97 4.12 0.00	56.89 3.95 0.00	55.76 2.78 0.00	66.10 3.23 0.00	62.30 3.77 0.00	63.12 4.09 0.00	93.24 6.04 -12.87	100.96 6.23 -29.69	84.00 7.25 -7.92	76.73 6.46 -8.25	126.03 5.11 -68.02	72.05 4.96 -13.69	60.95 4.82 -0.40	58.79 4.35 0.00	61.06 4.35 0.00
HOLTSVILLE_IC_3 23692	63.39 5.65 0.00	104.68 8.24 0.00	74.31 6.04 0.00	64.53 4.95 0.00	71.25 5.34 0.00	74.17 6.03 0.00	63.86 5.22 0.00	57.82 4.88 0.00	55.14 4.70 0.00	52.97 4.12 0.00	56.89 3.95 0.00	55.76 2.78 0.00	66.10 3.23 0.00	62.30 3.77 0.00	63.12 4.09 0.00	93.24 6.04 -12.87	100.96 6.23 -29.69	84.00 7.25 -7.92	76.73 6.46 -8.25	126.03 5.11 -68.02	72.05 4.96 -13.69	60.95 4.82 -0.40	58.79 4.35 0.00	61.06 4.35 0.00
HOLTSVILLE_IC_4 23693	63.39 5.65 0.00	104.68 8.24 0.00	74.31 6.04 0.00	64.53 4.95 0.00	71.25 5.34 0.00	74.17 6.03 0.00	63.86 5.22 0.00	57.82 4.88 0.00	55.14 4.70 0.00	52.97 4.12 0.00	56.89 3.95 0.00	55.76 2.78 0.00	66.10 3.23 0.00	62.30 3.77 0.00	63.12 4.09 0.00	93.24 6.04 -12.87	100.96 6.23 -29.69	84.00 7.25 -7.92	76.73 6.46 -8.25	126.03 5.11 -68.02	72.05 4.96 -13.69	60.95 4.82 -0.40	58.79 4.35 0.00	61.06 4.35 0.00
HOLTSVILLE_IC_5 23694	63.39 5.65 0.00	104.68 8.24 0.00	74.31 6.04 0.00	64.53 4.95 0.00	71.25 5.34 0.00	74.17 6.03 0.00	63.86 5.22 0.00	57.82 4.88 0.00	55.14 4.70 0.00	52.97 4.12 0.00	56.89 3.95 0.00	55.76 2.78 0.00	66.10 3.23 0.00	62.30 3.77 0.00	63.12 4.09 0.00	93.24 6.04 -12.87	100.96 6.23 -29.69	84.00 7.25 -7.92	76.73 6.46 -8.25	126.03 5.11 -68.02	72.05 4.96 -13.69	60.95 4.82 -0.40	58.79 4.35 0.00	61.06 4.35 0.00
HOLTSVILLE_IC_6 23695	63.78 6.03 0.00	105.32 8.88 0.00	74.76 6.48 0.00	64.91 5.33 0.00	71.64 5.73 0.00	74.59 6.45 0.00	64.24 5.60 0.00	58.16 5.21 0.00	55.44 5.01 0.00	53.28 4.43 0.00	57.21 4.27 0.00	56.02 3.05 0.00	66.37 3.50 0.00	62.63 4.09 0.00	63.48 4.45 0.00	93.72 6.53 -12.87	101.48 6.75 -29.69	84.61 7.85 -7.92	77.26 6.99 -8.25	126.47 5.55 -68.02	72.49 5.39 -13.69	61.37 5.24 -0.40	59.16 4.71 0.00	61.41 4.70 0.00
HOLTSVILLE_IC_7 23696	63.78 6.03 0.00	105.32 8.88 0.00	74.76 6.48 0.00	64.91 5.33 0.00	71.64 5.73 0.00	74.59 6.45 0.00	64.24 5.60 0.00	58.16 5.21 0.00	55.44 5.01 0.00	53.28 4.43 0.00	57.21 4.27 0.00	56.02 3.05 0.00	66.37 3.50 0.00	62.63 4.09 0.00	63.48 4.45 0.00	93.72 6.53 -12.87	101.48 6.75 -29.69	84.61 7.85 -7.92	77.26 6.99 -8.25	126.47 5.55 -68.02	72.49 5.39 -13.69	61.37 5.24 -0.40	59.16 4.71 0.00	61.41 4.70 0.00
HOLTSVILLE_IC_8 23697	63.78 6.03 0.00	105.32 8.88 0.00	74.76 6.48 0.00	64.91 5.33 0.00	71.64 5.73 0.00	74.59 6.45 0.00	64.24 5.60 0.00	58.16 5.21 0.00	55.44 5.01 0.00	53.28 4.43 0.00	57.21 4.27 0.00	56.02 3.05 0.00	66.37 3.50 0.00	62.63 4.09 0.00	63.48 4.45 0.00	93.72 6.53 -12.87	101.48 6.75 -29.69	84.61 7.85 -7.92	77.26 6.99 -8.25	126.47 5.55 -68.02	72.49 5.39 -13.69	61.37 5.24 -0.40	59.16 4.71 0.00	61.41 4.70 0.00
HOLTSVILLE_IC_9 23698	63.78 6.03 0.00	105.32 8.88 0.00	74.76 6.48 0.00	64.91 5.33 0.00	71.64 5.73 0.00	74.59 6.45 0.00	64.24 5.60 0.00	58.16 5.21 0.00	55.44 5.01 0.00	53.28 4.43 0.00	57.21 4.27 0.00	56.02 3.05 0.00	66.37 3.50 0.00	62.63 4.09 0.00	63.48 4.45 0.00	93.72 6.53 -12.87	101.48 6.75 -29.69	84.61 7.85 -7.92	77.26 6.99 -8.25	126.47 5.55 -68.02	72.49 5.39 -13.69	61.37 5.24 -0.40	59.16 4.71 0.00	61.41 4.70 0.00
HOMER_HL_115KV_TB2 355744	55.07 -2.68 0.00	91.17 -5.26 0.00	64.51 -3.77 0.00	56.53 -3.06 0.00	62.67 -3.24 0.00	64.62 -3.52 0.00	55.05 -3.59 0.00	48.50 -4.25 0.20	46.40 -4.04 0.00	44.64 -3.82 0.40	48.37 -3.59 0.98	49.57 -3.41 0.00	59.30 -3.56 0.00	53.73 -3.46 1.35	55.06 -3.39 0.58	69.22 -4.41 0.70	60.97 -4.07 0.00	65.32 -3.51 0.00	58.78 -3.24 0.00	49.30 -3.60 0.00	49.86 -3.55 0.00	52.07 -3.65 0.00	51.52 -2.92 0.00	54.20 -2.51 0.00
HOWARD_WT_PWR 323690	53.17 -4.58 0.00	88.03 -8.41 0.00	62.70 -5.58 0.00	54.57 -5.02 0.00	60.69 -5.23 0.00	62.47 -5.67 0.00	53.37 -5.28 0.00	50.32 -5.17 -2.53	45.54 -4.92 -0.02	49.13 -4.69 -4.97	60.14 -4.96 -12.16	48.15 -4.83 0.00	57.65 -5.21 0.00	70.30 -4.66 -16.41	61.88 -4.37 -7.21	68.99 -5.06 0.27	61.12 -3.93 0.00	65.77 -3.07 0.00	59.37 -2.66 0.00	49.66 -3.24 0.00	50.04 -3.36 0.00	52.07 -3.65 0.00	50.87 -3.58 0.00	53.17 -3.55 0.00

HQ_GEN_CEDARS 23644	58.48 0.73 0.00	98.03 1.60 0.00	68.83 0.55 0.00	60.13 0.54 0.00	66.56 0.65 0.00	68.68 0.54 0.00	56.29 -2.35 0.00	50.40 -2.55 0.00	48.13 -2.31 0.00	46.72 -2.13 0.00	50.19 -2.75 0.00	51.27 -1.71 0.00	60.76 -2.10 0.00	57.19 -1.35 0.00	58.15 -0.89 0.00	73.18 -1.14 0.00	62.47 -2.58 0.00	65.93 -2.90 0.00	59.31 -2.71 0.00	50.29 -2.62 0.00	50.17 -3.24 0.00	52.27 -3.45 0.00	52.18 -2.26 0.00	56.02 -0.70 0.00
HQ_GEN_CEDARS_PROXY 323590	58.48 0.73 0.00	98.03 1.59 0.00	68.83 0.55 0.00	60.12 0.54 0.00	66.56 0.65 0.00	68.67 0.54 0.00	56.30 -2.35 0.00	50.40 -2.54 0.00	48.13 -2.31 0.00	46.72 -2.13 0.00	50.18 -2.75 0.00	51.27 -1.71 0.00	60.76 -2.10 0.00	57.19 -1.35 0.00	58.14 -0.89 0.00	73.19 -1.14 0.00	62.47 -2.58 0.00	65.94 -2.90 0.00	59.31 -2.71 0.00	50.28 -2.61 0.00	50.17 -3.24 0.00	52.27 -3.45 0.00	52.18 -2.26 0.00	56.01 -0.70 0.00
HQ_GEN_IMPORT 323601	57.30 -0.46 0.00	96.33 -0.10 0.00	68.28 0.01 0.00	59.75 0.16 0.00	66.07 0.16 0.00	68.19 0.06 0.00	58.66 0.01 0.00	53.01 0.06 0.00	50.40 -0.04 0.00	48.96 0.10 0.00	53.23 0.30 0.00	53.30 0.32 0.00	63.31 0.45 0.00	58.95 0.41 0.00	59.42 0.39 0.00	74.58 0.25 0.00	64.98 -0.07 0.00	68.14 -0.70 0.00	61.38 -0.65 0.00	52.78 -0.12 0.00	53.37 -0.03 0.00	55.92 0.21 0.00	54.73 0.29 0.00	56.93 0.21 0.00
HQ_GEN_WHEEL 23651	57.30 -0.46 0.00	96.33 -0.10 0.00	68.28 0.01 0.00	59.75 0.16 0.00	66.07 0.16 0.00	68.19 0.06 0.00	58.66 0.01 0.00	53.01 0.06 0.00	50.40 -0.04 0.00	48.96 0.10 0.00	53.23 0.30 0.00	53.30 0.32 0.00	63.31 0.45 0.00	58.95 0.41 0.00	59.42 0.39 0.00	74.58 0.25 0.00	64.98 -0.07 0.00	68.14 -0.70 0.00	61.38 -0.65 0.00	52.78 -0.12 0.00	53.37 -0.03 0.00	55.92 0.21 0.00	54.73 0.29 0.00	56.93 0.21 0.00
HUDSON AVE_GT_3 23810	61.96 4.21 0.00	102.41 5.97 0.00	72.29 4.01 0.00	62.70 3.11 0.00	69.37 3.45 0.00	71.94 3.80 0.00	61.97 3.33 0.00	56.05 3.11 0.00	53.73 3.29 0.00	51.93 3.08 0.00	55.91 2.97 0.00	55.64 2.66 0.00	65.97 3.10 0.00	61.57 3.03 0.00	62.09 3.05 0.00	78.24 3.93 0.02	68.92 3.87 0.00	73.55 4.71 0.00	66.23 4.20 0.00	56.06 3.16 0.00	56.42 3.01 0.00	58.59 2.87 0.00	57.07 2.62 0.00	59.55 2.84 0.00
HUDSON AVE_GT_4 23540	61.96 4.21 0.00	102.41 5.97 0.00	72.29 4.01 0.00	62.70 3.11 0.00	69.37 3.45 0.00	71.94 3.80 0.00	61.97 3.33 0.00	56.05 3.11 0.00	53.73 3.29 0.00	51.93 3.08 0.00	55.91 2.97 0.00	55.64 2.66 0.00	65.97 3.10 0.00	61.57 3.03 0.00	62.09 3.05 0.00	78.24 3.93 0.02	68.92 3.87 0.00	73.55 4.71 0.00	66.23 4.20 0.00	56.06 3.16 0.00	56.42 3.01 0.00	58.59 2.87 0.00	57.07 2.62 0.00	59.55 2.84 0.00
HUDSON AVE_GT_5 23657	61.96 4.21 0.00	102.41 5.97 0.00	72.29 4.01 0.00	62.70 3.11 0.00	69.37 3.45 0.00	71.94 3.80 0.00	61.97 3.33 0.00	56.05 3.11 0.00	53.73 3.29 0.00	51.93 3.08 0.00	55.91 2.97 0.00	55.64 2.66 0.00	65.97 3.10 0.00	61.57 3.03 0.00	62.09 3.05 0.00	78.24 3.93 0.02	68.92 3.87 0.00	73.55 4.71 0.00	66.23 4.20 0.00	56.06 3.16 0.00	56.42 3.01 0.00	58.59 2.87 0.00	57.07 2.62 0.00	59.55 2.84 0.00
HUDSON_AVE_10 24168	61.75 4.00 0.00	102.05 5.61 0.00	72.03 3.76 0.00	62.47 2.88 0.00	69.10 3.18 0.00	71.64 3.51 0.00	61.72 3.08 0.00	55.83 2.89 0.00	53.52 3.08 0.00	51.76 2.91 0.00	55.66 2.72 0.00	55.39 2.41 0.00	65.67 2.80 0.00	61.30 2.76 0.00	61.83 2.80 0.00	77.92 3.61 0.02	68.63 3.58 0.00	73.24 4.41 0.00	65.94 3.92 0.00	55.81 2.91 0.00	56.15 2.75 0.00	58.33 2.61 0.00	56.87 2.43 0.00	59.32 2.61 0.00
HUDSON___115KV_TB 4 355613	61.44 3.68 0.00	102.12 5.68 0.00	72.23 3.95 0.00	62.97 3.38 0.00	69.66 3.75 0.00	72.12 3.98 0.00	62.22 3.57 0.00	56.26 3.31 0.00	53.59 3.15 0.00	51.65 2.80 0.00	55.72 2.78 0.00	55.74 2.76 0.00	65.64 2.78 0.00	61.35 2.81 0.00	61.78 2.75 0.00	78.04 3.71 0.00	68.70 3.64 0.00	73.20 4.37 0.00	65.96 3.94 0.00	56.02 3.12 0.00	56.46 3.06 0.00	58.82 3.11 0.00	57.57 3.13 0.00	59.89 3.18 0.00
HUNTER MOUNT___DRP 323613	61.94 4.19 0.00	102.99 6.55 0.00	72.84 4.57 0.00	63.51 3.93 0.00	70.30 4.39 0.00	72.75 4.62 0.00	62.80 4.15 0.00	56.77 3.83 0.00	54.09 3.65 0.00	52.13 3.28 0.00	56.19 3.25 0.00	56.23 3.25 0.00	66.17 3.31 0.00	61.88 3.33 0.00	62.32 3.29 0.00	78.78 4.45 0.00	69.38 4.33 0.00	73.93 5.10 0.00	66.61 4.59 0.00	56.54 3.64 0.00	56.96 3.56 0.00	59.30 3.58 0.00	58.03 3.59 0.00	60.34 3.63 0.00
HUNTINGTON_RES_REC 323705	63.14 5.39 0.00	104.21 7.77 0.00	73.94 5.66 0.00	64.21 4.63 0.00	70.88 4.97 0.00	73.79 5.65 0.00	63.53 4.89 0.00	57.57 4.62 0.00	54.91 4.48 0.00	52.83 3.98 0.00	56.77 3.83 0.00	55.73 2.75 0.00	66.11 3.24 0.00	62.25 3.72 0.00	63.01 3.97 0.00	93.16 5.96 -12.87	100.90 6.17 -29.69	83.98 7.22 -7.92	76.71 6.43 -8.25	126.00 5.08 -68.02	72.01 4.92 -13.69	60.91 4.79 -0.40	58.74 4.30 0.00	61.02 4.31 0.00
HUNTLEY___63 23557	53.84 -3.91 0.00	88.85 -7.58 0.00	63.25 -5.02 0.00	55.37 -4.22 0.00	61.37 -4.55 0.00	63.40 -4.73 0.00	54.00 -4.64 0.00	46.96 -5.28 0.70	45.49 -4.94 0.01	42.83 -4.63 1.39	44.82 -4.73 3.38	48.06 -4.92 0.00	57.07 -5.79 0.00	48.47 -5.46 4.61	51.48 -5.54 2.01	66.70 -6.75 0.88	59.38 -5.67 0.00	63.91 -4.92 0.00	57.38 -4.65 0.00	48.25 -4.65 0.00	48.96 -4.44 0.00	50.83 -4.89 0.00	50.27 -4.17 0.00	53.18 -3.54 0.00
HUNTLEY___64 23558	53.84 -3.91 0.00	88.85 -7.58 0.00	63.25 -5.02 0.00	55.37 -4.22 0.00	61.37 -4.55 0.00	63.40 -4.73 0.00	54.00 -4.64 0.00	46.96 -5.28 0.70	45.49 -4.94 0.01	42.83 -4.63 1.39	44.82 -4.73 3.38	48.06 -4.92 0.00	57.07 -5.79 0.00	48.47 -5.46 4.61	51.48 -5.54 2.01	66.70 -6.75 0.88	59.38 -5.67 0.00	63.91 -4.92 0.00	57.38 -4.65 0.00	48.25 -4.65 0.00	48.96 -4.44 0.00	50.83 -4.89 0.00	50.27 -4.17 0.00	53.18 -3.54 0.00
HUNTLEY___65 23559	53.84 -3.91 0.00	88.85 -7.58 0.00	63.25 -5.02 0.00	55.37 -4.22 0.00	61.37 -4.55 0.00	63.40 -4.73 0.00	54.00 -4.64 0.00	46.96 -5.28 0.70	45.49 -4.94 0.01	42.83 -4.63 1.39	44.82 -4.73 3.38	48.06 -4.92 0.00	57.07 -5.79 0.00	48.47 -5.46 4.61	51.48 -5.54 2.01	66.70 -6.75 0.88	59.38 -5.67 0.00	63.91 -4.92 0.00	57.38 -4.65 0.00	48.25 -4.65 0.00	48.96 -4.44 0.00	50.83 -4.89 0.00	50.27 -4.17 0.00	53.18 -3.54 0.00
HUNTLEY___66 23560	53.84 -3.91 0.00	88.85 -7.58 0.00	63.25 -5.02 0.00	55.37 -4.22 0.00	61.37 -4.55 0.00	63.40 -4.73 0.00	54.00 -4.64 0.00	46.96 -5.28 0.70	45.49 -4.94 0.01	42.83 -4.63 1.39	44.82 -4.73 3.38	48.06 -4.92 0.00	57.07 -5.79 0.00	48.47 -5.46 4.61	51.48 -5.54 2.01	66.70 -6.75 0.88	59.38 -5.67 0.00	63.91 -4.92 0.00	57.38 -4.65 0.00	48.25 -4.65 0.00	48.96 -4.44 0.00	50.83 -4.89 0.00	50.27 -4.17 0.00	53.18 -3.54 0.00

HUNTLEY___67 23561	53.60 -4.16 0.00	88.44 -8.00 0.00	62.93 -5.35 0.00	55.11 -4.48 0.00	61.08 -4.83 0.00	63.07 -5.06 0.00	53.75 -4.89 0.00	46.63 -5.50 0.82	45.24 -5.19 0.01	42.31 -4.93 1.61	43.93 -5.07 3.94	47.87 -5.11 0.00	56.86 -6.00 0.00	47.37 -5.82 5.36	50.83 -5.86 2.34	66.25 -7.11 0.97	59.05 -6.00 0.00	63.57 -5.26 0.00	57.08 -4.94 0.00	47.99 -4.91 0.00	48.69 -4.72 0.00	50.56 -5.16 0.00	50.00 -4.44 0.00	52.83 -3.89 0.00
HUNTLEY___68 23562	53.60 -4.16 0.00	88.44 -8.00 0.00	62.93 -5.35 0.00	55.11 -4.48 0.00	61.08 -4.83 0.00	63.07 -5.06 0.00	53.75 -4.89 0.00	46.63 -5.50 0.82	45.24 -5.19 0.01	42.31 -4.93 1.61	43.93 -5.07 3.94	47.87 -5.11 0.00	56.86 -6.00 0.00	47.37 -5.82 5.36	50.83 -5.86 2.34	66.25 -7.11 0.97	59.05 -6.00 0.00	63.57 -5.26 0.00	57.08 -4.94 0.00	47.99 -4.91 0.00	48.69 -4.72 0.00	50.56 -5.16 0.00	50.00 -4.44 0.00	52.83 -3.89 0.00
HYLAND___LFG 323620	57.55 -0.21 0.00	95.21 -1.22 0.00	67.59 -0.69 0.00	59.04 -0.54 0.00	65.45 -0.46 0.00	67.67 -0.47 0.00	57.98 -0.66 0.00	54.62 -1.09 -2.76	49.49 -0.98 -0.02	53.29 -0.99 -5.43	65.06 -1.15 -13.27	51.78 -1.20 0.00	61.56 -1.30 0.00	75.14 -1.32 -17.92	65.76 -1.15 -7.87	73.66 -0.56 0.11	65.29 0.24 0.00	70.37 1.54 0.00	63.28 1.25 0.00	53.19 0.29 0.00	53.68 0.28 0.00	55.63 -0.09 0.00	54.36 -0.09 0.00	56.80 0.09 0.00
INDECK___CORINTH 23802	60.46 2.70 0.00	100.40 3.96 0.00	71.06 2.78 0.00	61.94 2.35 0.00	68.49 2.57 0.00	70.64 2.50 0.00	61.01 2.37 0.00	55.26 2.32 0.00	52.57 2.14 0.00	50.64 1.79 0.00	54.55 1.62 0.00	54.50 1.52 0.00	64.69 1.83 0.00	60.56 2.02 0.00	61.23 2.19 0.00	77.45 3.12 0.00	68.10 3.05 0.00	72.42 3.59 0.00	65.40 3.38 0.00	55.46 2.56 0.00	55.83 2.42 0.00	57.98 2.26 0.00	56.32 1.88 0.00	58.48 1.77 0.00
INDECK___ILION 23567	58.71 0.95 0.00	97.64 1.20 0.00	69.02 0.74 0.00	60.13 0.55 0.00	66.48 0.57 0.00	68.81 0.68 0.00	59.31 0.66 0.00	53.65 0.71 0.00	51.08 0.64 0.00	49.33 0.48 0.00	53.29 0.35 0.00	53.41 0.43 0.00	63.28 0.41 0.00	58.95 0.40 0.00	59.51 0.47 0.00	75.16 0.83 0.00	66.00 0.95 0.00	70.18 1.34 0.00	63.41 1.38 0.00	53.84 0.94 0.00	54.21 0.81 0.00	56.37 0.65 0.00	54.95 0.51 0.00	57.21 0.50 0.00
INDECK___OLEAN 23982	55.07 -2.68 0.00	91.18 -5.25 0.00	64.52 -3.76 0.00	56.52 -3.06 0.00	62.67 -3.24 0.00	64.62 -3.52 0.00	55.05 -3.59 0.00	48.46 -4.28 0.20	46.40 -4.03 0.00	44.65 -3.80 0.40	48.42 -3.54 0.98	49.57 -3.41 0.00	59.30 -3.56 0.00	53.76 -3.43 1.35	55.06 -3.39 0.58	69.20 -4.43 0.70	60.97 -4.08 0.00	65.32 -3.51 0.00	58.79 -3.24 0.00	49.31 -3.59 0.00	49.86 -3.54 0.00	52.06 -3.66 0.00	51.51 -2.94 0.00	54.20 -2.51 0.00
INDECK___OSWEGO 23783	55.90 -1.85 0.00	93.05 -3.39 0.00	65.81 -2.46 0.00	57.40 -2.19 0.00	63.54 -2.38 0.00	65.70 -2.43 0.00	56.51 -2.13 0.00	50.96 -1.99 0.00	48.58 -1.86 0.00	47.04 -1.81 0.00	50.98 -1.96 0.00	51.00 -1.98 0.00	60.54 -2.33 0.00	56.38 -2.16 0.00	56.86 -2.17 0.00	71.72 -2.61 0.00	62.93 -2.12 0.00	66.86 -1.97 0.00	60.24 -1.79 0.00	51.10 -1.80 0.00	51.53 -1.87 0.00	53.64 -2.08 0.00	52.39 -2.05 0.00	54.58 -2.13 0.00
INDECK___YERKES 23781	53.89 -3.86 0.00	88.92 -7.52 0.00	63.27 -5.01 0.00	55.40 -4.18 0.00	61.41 -4.50 0.00	63.45 -4.69 0.00	54.03 -4.61 0.00	46.97 -5.27 0.70	45.54 -4.89 0.01	42.89 -4.57 1.39	44.91 -4.65 3.38	48.10 -4.88 0.00	57.12 -5.74 0.00	48.57 -5.37 4.61	51.54 -5.48 2.01	66.72 -6.73 0.88	59.41 -5.63 0.00	63.96 -4.87 0.00	57.41 -4.61 0.00	48.29 -4.61 0.00	48.99 -4.41 0.00	50.87 -4.85 0.00	50.30 -4.14 0.00	53.20 -3.52 0.00
INDIAN POINT_GT_1 24139	61.29 3.54 0.00	101.55 5.11 0.00	71.73 3.46 0.00	62.29 2.71 0.00	68.93 3.01 0.00	71.48 3.34 0.00	61.57 2.93 0.00	55.65 2.71 0.00	53.25 2.81 0.00	51.44 2.59 0.00	55.41 2.47 0.00	55.16 2.18 0.00	65.38 2.51 0.00	61.02 2.48 0.00	61.59 2.55 0.00	77.67 3.37 0.02	68.40 3.35 0.00	73.05 4.22 0.00	65.77 3.75 0.00	55.71 2.81 0.00	56.05 2.64 0.00	58.20 2.49 0.00	56.69 2.25 0.00	59.18 2.47 0.00
INDIAN POINT_GT_2 23659	61.29 3.54 0.00	101.55 5.11 0.00	71.73 3.46 0.00	62.29 2.71 0.00	68.93 3.01 0.00	71.48 3.34 0.00	61.57 2.93 0.00	55.65 2.71 0.00	53.25 2.81 0.00	51.44 2.59 0.00	55.41 2.47 0.00	55.16 2.18 0.00	65.38 2.51 0.00	61.02 2.48 0.00	61.59 2.55 0.00	77.67 3.37 0.02	68.40 3.35 0.00	73.05 4.22 0.00	65.77 3.75 0.00	55.71 2.81 0.00	56.05 2.64 0.00	58.20 2.49 0.00	56.69 2.25 0.00	59.18 2.47 0.00
INDIAN POINT_GT_3 24019	61.29 3.54 0.00	101.55 5.11 0.00	71.73 3.46 0.00	62.29 2.71 0.00	68.93 3.01 0.00	71.48 3.34 0.00	61.57 2.93 0.00	55.65 2.71 0.00	53.25 2.81 0.00	51.44 2.59 0.00	55.41 2.47 0.00	55.16 2.18 0.00	65.38 2.51 0.00	61.02 2.48 0.00	61.59 2.55 0.00	77.67 3.37 0.02	68.40 3.35 0.00	73.05 4.22 0.00	65.77 3.75 0.00	55.71 2.81 0.00	56.05 2.64 0.00	58.20 2.49 0.00	56.69 2.25 0.00	59.18 2.47 0.00
INDIAN POINT___2 23530	61.17 3.42 0.00	101.35 4.91 0.00	71.60 3.32 0.00	62.17 2.58 0.00	68.81 2.90 0.00	71.36 3.23 0.00	61.47 2.83 0.00	55.55 2.61 0.00	53.15 2.71 0.00	51.33 2.48 0.00	55.30 2.36 0.00	55.05 2.07 0.00	65.25 2.39 0.00	60.89 2.35 0.00	61.47 2.43 0.00	77.51 3.21 0.02	68.27 3.22 0.00	72.90 4.07 0.00	65.64 3.62 0.00	55.59 2.69 0.00	55.93 2.52 0.00	58.08 2.36 0.00	56.58 2.14 0.00	59.06 2.35 0.00
INDIAN POINT___3 23531	61.21 3.46 0.00	101.43 4.99 0.00	71.65 3.37 0.00	62.23 2.64 0.00	68.86 2.94 0.00	71.40 3.26 0.00	61.51 2.86 0.00	55.59 2.64 0.00	53.18 2.74 0.00	51.37 2.51 0.00	55.35 2.41 0.00	55.08 2.10 0.00	65.29 2.43 0.00	60.94 2.40 0.00	61.48 2.45 0.00	77.56 3.25 0.02	68.32 3.27 0.00	72.93 4.10 0.00	65.68 3.65 0.00	55.62 2.72 0.00	55.94 2.54 0.00	58.13 2.41 0.00	56.62 2.18 0.00	59.11 2.39 0.00
INGHAM_C_115KV_TB7 356103	59.27 1.52 0.00	98.25 1.81 0.00	69.35 1.07 0.00	60.34 0.75 0.00	66.67 0.76 0.00	69.06 0.93 0.00	59.65 1.00 0.00	54.08 1.14 0.00	51.43 0.99 0.00	49.48 0.63 0.00	53.28 0.34 0.00	53.50 0.52 0.00	63.29 0.43 0.00	58.94 0.40 0.00	59.61 0.57 0.00	75.53 1.21 0.00	66.50 1.45 0.00	70.99 2.16 0.00	64.40 2.37 0.00	54.50 1.61 0.00	54.72 1.32 0.00	56.73 1.01 0.00	55.18 0.73 0.00	57.43 0.72 0.00
IP CORINTH___1 23988	60.76 3.01 0.00	100.96 4.53 0.00	71.42 3.14 0.00	62.28 2.69 0.00	68.85 2.94 0.00	71.02 2.88 0.00	61.34 2.69 0.00	55.55 2.61 0.00	52.87 2.43 0.00	50.91 2.06 0.00	54.84 1.90 0.00	54.79 1.81 0.00	65.03 2.17 0.00	60.87 2.32 0.00	61.55 2.52 0.00	77.84 3.51 0.00	68.46 3.41 0.00	72.80 3.96 0.00	65.75 3.73 0.00	55.75 2.85 0.00	56.12 2.72 0.00	58.28 2.56 0.00	56.62 2.18 0.00	58.81 2.09 0.00

IP__TICONDEROGA 23804	63.92 6.17 0.00	105.87 9.44 0.00	74.95 6.68 0.00	65.58 6.00 0.00	72.27 6.36 0.00	74.31 6.18 0.00	64.39 5.75 0.00	58.56 5.62 0.00	55.42 4.98 0.00	53.04 4.18 0.00	56.72 3.79 0.00	56.42 3.44 0.00	67.16 4.29 0.00	63.41 4.87 0.00	64.54 5.51 0.00	81.97 7.64 0.00	72.14 7.09 0.00	76.65 7.81 0.00	69.63 7.61 0.00	58.75 5.85 0.00	59.09 5.69 0.00	61.27 5.55 0.00	59.20 4.76 0.00	61.31 4.59 0.00
ISLIP_RES_REC 323679	64.08 6.33 0.00	105.80 9.36 0.00	75.10 6.82 0.00	65.17 5.58 0.00	71.89 5.97 0.00	74.84 6.71 0.00	64.47 5.83 0.00	58.37 5.43 0.00	55.63 5.19 0.00	53.46 4.61 0.00	57.39 4.45 0.00	56.19 3.21 0.00	66.59 3.73 0.00	62.83 4.28 0.00	63.72 4.68 0.00	94.05 6.85 -12.87	101.80 7.07 -29.69	84.97 8.22 -7.92	77.57 7.29 -8.25	126.74 5.82 -68.02	72.73 5.64 -13.69	61.62 5.50 -0.40	59.39 4.94 0.00	61.63 4.91 0.00
JAMAICA__27_KV_LOAD 355505	62.23 4.48 0.00	102.73 6.29 0.00	72.49 4.21 0.00	62.88 3.29 0.00	69.51 3.60 0.00	72.05 3.92 0.00	62.10 3.45 0.00	56.19 3.24 0.00	53.87 3.43 0.00	52.11 3.26 0.00	55.95 3.01 0.00	55.67 2.69 0.00	66.03 3.17 0.00	61.59 3.05 0.00	62.21 3.17 0.00	78.35 4.04 0.02	69.05 4.00 0.00	73.74 4.91 0.00	66.38 4.36 0.00	56.13 3.24 0.00	56.47 3.07 0.00	58.68 2.96 0.00	57.36 2.92 0.00	59.74 3.03 0.00
JANIS__SOLAR 323808	59.97 2.21 0.00	99.51 3.08 0.00	70.45 2.18 0.00	61.32 1.73 0.00	67.77 1.86 0.00	70.03 1.90 0.00	60.45 1.81 0.00	54.59 1.65 0.00	52.02 1.58 0.00	50.20 1.35 0.00	54.07 1.13 0.00	53.97 0.99 0.00	64.12 1.26 0.00	60.01 1.47 0.00	60.84 1.81 0.00	76.92 2.66 0.07	67.83 2.77 0.00	72.26 3.43 0.00	65.03 3.01 0.00	54.95 2.05 0.00	55.38 1.98 0.00	57.41 1.69 0.00	55.88 1.44 0.00	58.23 1.51 0.00
JARVIS____ 23743	58.10 0.35 0.00	96.83 0.40 0.00	68.55 0.27 0.00	59.76 0.18 0.00	66.11 0.20 0.00	68.34 0.21 0.00	58.84 0.19 0.00	53.12 0.17 0.00	50.64 0.20 0.00	48.99 0.14 0.00	53.04 0.10 0.00	53.08 0.10 0.00	62.98 0.11 0.00	58.66 0.12 0.00	59.16 0.12 0.00	74.55 0.23 0.00	65.32 0.27 0.00	69.25 0.42 0.00	62.43 0.41 0.00	53.11 0.21 0.00	53.59 0.18 0.00	55.86 0.14 0.00	54.55 0.11 0.00	56.85 0.14 0.00
JENNISON__1 23625	59.27 1.52 0.00	98.19 1.75 0.00	69.43 1.16 0.00	60.26 0.68 0.00	66.52 0.60 0.00	68.70 0.57 0.00	59.37 0.73 0.00	53.70 0.75 0.00	51.56 1.12 0.00	49.95 1.10 0.00	54.06 1.12 0.00	54.04 1.06 0.00	64.24 1.38 0.00	60.06 1.52 0.00	60.64 1.61 0.00	76.19 1.96 0.09	67.02 1.97 0.00	71.29 2.45 0.00	64.05 2.02 0.00	54.11 1.21 0.00	54.35 0.94 0.00	56.29 0.57 0.00	54.80 0.36 0.00	57.18 0.46 0.00
JENNISON__2 23626	59.27 1.52 0.00	98.19 1.75 0.00	69.43 1.16 0.00	60.26 0.68 0.00	66.52 0.60 0.00	68.70 0.57 0.00	59.37 0.73 0.00	53.70 0.75 0.00	51.56 1.12 0.00	49.95 1.10 0.00	54.06 1.12 0.00	54.04 1.06 0.00	64.24 1.38 0.00	60.06 1.52 0.00	60.64 1.61 0.00	76.19 1.96 0.09	67.02 1.97 0.00	71.29 2.45 0.00	64.05 2.02 0.00	54.11 1.21 0.00	54.35 0.94 0.00	56.29 0.57 0.00	54.80 0.36 0.00	57.18 0.46 0.00
JERICO_RISE_WT_PWR 323719	58.15 0.40 0.00	98.01 1.57 0.00	69.32 1.04 0.00	60.62 1.03 0.00	67.12 1.21 0.00	69.22 1.09 0.00	59.36 0.72 0.00	53.67 0.73 0.00	50.98 0.54 0.00	49.38 0.53 0.00	53.74 0.80 0.00	54.02 1.04 0.00	64.22 1.35 0.00	60.00 1.46 0.00	60.54 1.51 0.00	75.81 1.49 0.00	65.83 0.78 0.00	68.97 0.14 0.00	61.96 -0.07 0.00	53.07 0.17 0.00	53.44 0.04 0.00	56.19 0.47 0.00	55.31 0.87 0.00	57.60 0.89 0.00
KATONAH__115KV_46KV_TB4 355592	61.97 4.21 0.00	102.62 6.19 0.00	72.50 4.22 0.00	62.96 3.37 0.00	69.66 3.75 0.00	72.23 4.09 0.00	62.24 3.60 0.00	56.28 3.33 0.00	53.86 3.42 0.00	52.06 3.21 0.00	56.10 3.16 0.00	55.80 2.82 0.00	66.12 3.26 0.00	61.69 3.15 0.00	62.24 3.20 0.00	78.52 4.21 0.02	69.17 4.12 0.00	73.85 5.02 0.00	66.52 4.49 0.00	56.35 3.45 0.00	56.69 3.28 0.00	58.86 3.14 0.00	57.30 2.86 0.00	59.78 3.07 0.00
KCE_NY_1 323755	61.21 3.46 0.00	101.75 5.31 0.00	72.00 3.72 0.00	62.74 3.16 0.00	69.39 3.48 0.00	71.75 3.62 0.00	61.87 3.23 0.00	55.93 2.98 0.00	53.26 2.82 0.00	51.36 2.51 0.00	55.43 2.49 0.00	55.45 2.47 0.00	65.78 2.92 0.00	61.43 2.89 0.00	62.02 2.98 0.00	78.35 4.02 0.00	68.82 3.77 0.00	73.22 4.38 0.00	66.05 4.03 0.00	56.08 3.18 0.00	56.50 3.10 0.00	58.74 3.02 0.00	57.20 2.76 0.00	59.51 2.80 0.00
KCE_NY_6_ESR 323823	54.27 -3.48 0.00	89.49 -6.94 0.00	63.67 -4.61 0.00	55.76 -3.82 0.00	61.82 -4.09 0.00	63.84 -4.30 0.00	54.44 -4.20 0.00	47.25 -4.84 0.85	45.85 -4.58 0.01	42.88 -4.29 1.68	44.51 -4.31 4.11	48.60 -4.38 0.00	57.74 -5.13 0.00	48.02 -4.93 5.59	51.60 -4.99 2.44	67.43 -6.02 0.88	60.01 -5.03 0.00	64.59 -4.24 0.00	58.04 -3.98 0.00	48.79 -4.11 0.00	49.47 -3.93 0.00	51.38 -4.34 0.00	50.69 -3.76 0.00	53.48 -3.24 0.00
KEDC_PORT_JEFF_GT2 24210	63.72 5.96 0.00	105.19 8.75 0.00	74.65 6.37 0.00	64.83 5.25 0.00	71.56 5.64 0.00	74.49 6.36 0.00	64.15 5.51 0.00	58.10 5.15 0.00	55.40 4.96 0.00	53.24 4.39 0.00	57.18 4.24 0.00	56.01 3.03 0.00	66.35 3.49 0.00	62.59 4.05 0.00	63.43 4.40 0.00	93.67 6.48 -12.87	101.43 6.70 -29.69	84.55 7.80 -7.92	77.23 6.95 -8.25	126.42 5.51 -68.02	72.44 5.35 -13.69	61.33 5.20 -0.40	59.11 4.67 0.00	61.38 4.66 0.00
KEDC_PORT_JEFF_GT3 24211	63.72 5.96 0.00	105.19 8.75 0.00	74.65 6.37 0.00	64.83 5.25 0.00	71.56 5.64 0.00	74.49 6.36 0.00	64.15 5.51 0.00	58.10 5.15 0.00	55.40 4.96 0.00	53.24 4.39 0.00	57.18 4.24 0.00	56.01 3.03 0.00	66.35 3.49 0.00	62.59 4.05 0.00	63.43 4.40 0.00	93.67 6.48 -12.87	101.43 6.70 -29.69	84.55 7.80 -7.92	77.23 6.95 -8.25	126.42 5.51 -68.02	72.44 5.35 -13.69	61.33 5.20 -0.40	59.11 4.67 0.00	61.38 4.66 0.00
KEDC_GLWD_GT4 24219	62.34 4.59 0.00	103.02 6.58 0.00	72.90 4.62 0.00	63.29 3.71 0.00	69.96 4.05 0.00	72.64 4.51 0.00	62.58 3.94 0.00	56.64 3.69 0.00	54.15 3.71 0.00	52.27 3.42 0.00	56.34 3.40 0.00	55.81 2.83 0.00	66.22 3.36 0.00	62.01 3.47 0.00	62.59 3.56 0.00	91.99 4.80 -12.87	99.04 4.31 -29.69	81.94 5.19 -7.92	74.90 4.63 -8.25	124.45 3.53 -68.02	70.48 3.39 -13.69	59.35 3.22 -0.40	57.27 2.83 0.00	59.68 2.97 0.00
KEDC_GLWD_GT5 24220	62.34 4.59 0.00	103.02 6.58 0.00	72.90 4.62 0.00	63.29 3.71 0.00	69.96 4.05 0.00	72.64 4.51 0.00	62.58 3.94 0.00	56.64 3.69 0.00	54.15 3.71 0.00	52.27 3.42 0.00	56.34 3.40 0.00	55.81 2.83 0.00	66.22 3.36 0.00	62.01 3.47 0.00	62.59 3.56 0.00	91.99 4.80 -12.87	99.04 4.31 -29.69	81.94 5.19 -7.92	74.90 4.63 -8.25	124.45 3.53 -68.02	70.48 3.39 -13.69	59.35 3.22 -0.40	57.27 2.83 0.00	59.68 2.97 0.00

KENSICO____ 23655	61.55 3.80 0.00	101.89 5.46 0.00	71.98 3.70 0.00	62.52 2.93 0.00	69.16 3.25 0.00	71.72 3.59 0.00	61.78 3.14 0.00	55.85 2.90 0.00	53.45 3.01 0.00	51.64 2.79 0.00	55.62 2.68 0.00	55.35 2.37 0.00	65.60 2.74 0.00	61.24 2.70 0.00	61.79 2.75 0.00	77.93 3.63 0.02	68.64 3.59 0.00	73.28 4.44 0.00	65.99 3.97 0.00	55.88 2.98 0.00	56.22 2.82 0.00	58.41 2.69 0.00	56.88 2.44 0.00	59.37 2.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	62.70 4.94 0.00	103.91 7.47 0.00	73.37 5.09 0.00	63.75 4.16 0.00	70.59 4.67 0.00	73.24 5.11 0.00	63.15 4.51 0.00	57.26 4.31 0.00	54.79 4.35 0.00	52.93 4.08 0.00	56.70 3.77 0.00	56.31 3.34 0.00	66.95 4.09 0.00	62.61 4.07 0.00	63.34 4.31 0.00	79.78 5.47 0.02	70.43 5.38 0.00	75.28 6.44 0.00	67.75 5.73 0.00	57.35 4.45 0.00	57.64 4.24 0.00	59.76 4.04 0.00	58.07 3.63 0.00	60.51 3.80 0.00
KIAC_JFK_GT1 23816	62.02 4.27 0.00	102.37 5.93 0.00	72.26 3.99 0.00	62.66 3.07 0.00	69.28 3.37 0.00	71.81 3.67 0.00	61.88 3.23 0.00	55.98 3.03 0.00	53.67 3.24 0.00	51.93 3.08 0.00	55.74 2.80 0.00	55.49 2.51 0.00	65.79 2.93 0.00	61.36 2.82 0.00	61.99 2.95 0.00	78.06 3.76 0.02	68.78 3.73 0.00	73.44 4.61 0.00	66.12 4.09 0.00	55.92 3.02 0.00	56.26 2.85 0.00	58.46 2.74 0.00	57.14 2.70 0.00	59.53 2.82 0.00
KIAC_JFK_GT2 23817	62.02 4.27 0.00	102.37 5.93 0.00	72.26 3.99 0.00	62.66 3.07 0.00	69.28 3.37 0.00	71.81 3.67 0.00	61.88 3.23 0.00	55.98 3.03 0.00	53.67 3.24 0.00	51.93 3.08 0.00	55.74 2.80 0.00	55.49 2.51 0.00	65.79 2.93 0.00	61.36 2.82 0.00	61.99 2.95 0.00	78.06 3.76 0.02	68.78 3.73 0.00	73.44 4.61 0.00	66.12 4.09 0.00	55.92 3.02 0.00	56.26 2.85 0.00	58.46 2.74 0.00	57.14 2.70 0.00	59.53 2.82 0.00
KIAC_JFK____ 323774	62.02 4.27 0.00	102.37 5.93 0.00	72.27 3.99 0.00	62.65 3.07 0.00	69.28 3.36 0.00	71.80 3.67 0.00	61.88 3.23 0.00	55.98 3.04 0.00	53.68 3.24 0.00	51.92 3.07 0.00	55.72 2.79 0.00	55.48 2.51 0.00	65.79 2.93 0.00	61.35 2.81 0.00	61.98 2.94 0.00	78.07 3.76 0.02	68.79 3.74 0.00	73.44 4.60 0.00	66.11 4.09 0.00	55.92 3.01 0.00	56.25 2.85 0.00	58.46 2.74 0.00	57.15 2.70 0.00	59.53 2.82 0.00
KINTIGH____ 23543	53.89 -3.86 0.00	89.09 -7.34 0.00	63.35 -4.93 0.00	55.42 -4.16 0.00	61.42 -4.49 0.00	63.46 -4.67 0.00	54.15 -4.49 0.00	47.56 -4.97 0.41	45.76 -4.68 0.00	43.54 -4.51 0.80	46.29 -4.68 1.97	48.31 -4.67 0.00	57.39 -5.47 0.00	50.55 -5.35 2.64	52.52 -5.35 1.17	68.22 -6.50 -0.38	59.60 -5.45 0.00	63.97 -4.86 0.00	57.45 -4.57 0.00	48.37 -4.53 0.00	49.00 -4.40 0.00	50.93 -4.79 0.00	50.26 -4.18 0.00	52.99 -3.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	59.23 1.47 0.00	99.50 3.06 0.00	70.30 2.02 0.00	61.41 1.82 0.00	67.97 2.05 0.00	70.13 2.00 0.00	60.24 1.60 0.00	54.54 1.59 0.00	51.80 1.36 0.00	50.08 1.23 0.00	54.49 1.55 0.00	54.82 1.85 0.00	65.14 2.28 0.00	60.99 2.44 0.00	61.58 2.55 0.00	77.18 2.85 0.00	67.12 2.06 0.00	70.54 1.71 0.00	63.36 1.34 0.00	54.06 1.16 0.00	54.41 1.00 0.00	57.12 1.40 0.00	56.19 1.75 0.00	58.43 1.72 0.00
LACHUTE____HYDRO 323717	63.92 6.17 0.00	105.88 9.44 0.00	74.95 6.68 0.00	65.59 6.00 0.00	72.27 6.36 0.00	74.31 6.18 0.00	64.39 5.75 0.00	58.56 5.62 0.00	55.42 4.98 0.00	53.04 4.18 0.00	56.72 3.79 0.00	56.42 3.44 0.00	67.16 4.29 0.00	63.41 4.87 0.00	64.54 5.51 0.00	81.97 7.64 0.00	72.14 7.09 0.00	76.64 7.81 0.00	69.63 7.61 0.00	58.75 5.85 0.00	59.09 5.68 0.00	61.27 5.55 0.00	59.20 4.76 0.00	61.31 4.59 0.00
LAWRNCV_115KV_TB1 80681	58.48 0.73 0.00	98.03 1.60 0.00	68.83 0.55 0.00	60.13 0.54 0.00	66.56 0.65 0.00	68.68 0.54 0.00	56.29 -2.35 0.00	50.40 -2.55 0.00	48.13 -2.31 0.00	46.72 -2.13 0.00	50.19 -2.75 0.00	51.27 -1.71 0.00	60.76 -2.10 0.00	57.19 -1.35 0.00	58.15 -0.89 0.00	73.18 -1.14 0.00	62.47 -2.58 0.00	65.93 -2.90 0.00	59.31 -2.71 0.00	50.29 -2.62 0.00	50.17 -3.24 0.00	52.27 -3.45 0.00	52.18 -2.26 0.00	56.02 -0.70 0.00
LEDERLE____ 23769	61.27 3.52 0.00	101.63 5.19 0.00	71.78 3.50 0.00	62.35 2.76 0.00	69.01 3.10 0.00	71.59 3.46 0.00	61.66 3.01 0.00	55.70 2.75 0.00	53.29 2.86 0.00	51.45 2.60 0.00	55.45 2.52 0.00	55.21 2.24 0.00	65.44 2.58 0.00	61.08 2.54 0.00	61.65 2.62 0.00	77.72 3.41 0.02	68.46 3.41 0.00	73.15 4.31 0.00	65.86 3.84 0.00	55.77 2.88 0.00	56.09 2.69 0.00	58.24 2.52 0.00	56.71 2.27 0.00	59.20 2.48 0.00
LIGHTHSE_115KV_TB6 355974	56.67 -1.08 0.00	94.35 -2.09 0.00	66.52 -1.75 0.00	57.97 -1.61 0.00	64.15 -1.76 0.00	66.33 -1.81 0.00	56.82 -1.83 0.00	51.27 -1.67 0.00	48.94 -1.50 0.00	47.50 -1.35 0.00	51.56 -1.38 0.00	51.60 -1.38 0.00	61.23 -1.64 0.00	57.05 -1.50 0.00	57.52 -1.52 0.00	72.63 -1.69 0.00	63.77 -1.28 0.00	67.69 -1.14 0.00	60.96 -1.06 0.00	51.54 -1.36 0.00	51.83 -1.58 0.00	53.85 -1.88 0.00	52.60 -1.84 0.00	54.77 -1.95 0.00
LINDEN COGEN____ 23786	61.46 3.71 0.00	101.53 5.09 0.00	71.67 3.39 0.00	62.17 2.58 0.00	68.79 2.88 0.00	71.35 3.21 0.00	61.48 2.84 0.00	55.61 2.67 0.00	53.30 2.86 0.00	51.53 2.68 0.00	55.45 2.52 0.00	55.20 2.22 0.00	65.36 2.50 0.00	61.00 2.46 0.00	61.54 2.50 0.00	77.57 3.27 0.02	68.32 3.27 0.00	72.86 4.02 0.00	65.59 3.57 0.00	55.55 2.65 0.00	55.89 2.48 0.00	58.08 2.37 0.01	56.49 2.09 0.04	59.02 2.31 0.00
LINDHRST_69_KV_BK1 356055	63.44 5.69 0.00	104.68 8.24 0.00	74.22 5.94 0.00	64.45 4.86 0.00	71.18 5.27 0.00	74.02 5.89 0.00	63.74 5.09 0.00	57.77 4.82 0.00	55.14 4.70 0.00	53.07 4.22 0.00	57.09 4.16 0.00	56.11 3.13 0.00	66.63 3.76 0.00	62.81 4.26 0.00	63.46 4.42 0.00	93.62 6.43 -12.87	101.03 6.30 -29.69	84.04 7.29 -7.92	76.79 6.51 -8.25	126.08 5.16 -68.02	72.15 5.06 -13.69	61.06 4.94 -0.40	58.90 4.46 0.00	61.18 4.46 0.00
LIPA_MISC_IPP 23656	63.78 6.03 0.00	105.35 8.91 0.00	74.82 6.54 0.00	64.98 5.39 0.00	71.74 5.83 0.00	74.70 6.57 0.00	64.34 5.70 0.00	58.21 5.26 0.00	55.48 5.04 0.00	53.30 4.45 0.00	57.23 4.29 0.00	55.87 2.89 0.00	66.03 3.17 0.00	62.44 3.90 0.00	63.34 4.30 0.00	93.58 6.39 -12.87	101.50 6.76 -29.69	84.64 7.88 -7.92	77.30 7.03 -8.25	126.49 5.57 -68.02	72.50 5.41 -13.69	61.36 5.24 -0.40	59.12 4.68 0.00	61.39 4.68 0.00
LISF____SOLAR 323691	63.91 6.16 0.00	105.55 9.11 0.00	74.96 6.68 0.00	65.10 5.51 0.00	71.88 5.96 0.00	74.84 6.70 0.00	64.46 5.82 0.00	58.32 5.37 0.00	55.57 5.13 0.00	53.38 4.53 0.00	57.30 4.36 0.00	55.93 2.95 0.00	66.08 3.22 0.00	62.51 3.97 0.00	63.45 4.41 0.00	93.74 6.55 -12.87	101.68 6.95 -29.69	84.82 8.06 -7.92	77.44 7.17 -8.25	126.63 5.71 -68.02	72.64 5.54 -13.69	61.50 5.38 -0.40	59.25 4.81 0.00	61.50 4.79 0.00

LITTLE FALLS___HYD 24013	59.27 1.52 0.00	98.25 1.81 0.00	69.35 1.07 0.00	60.34 0.75 0.00	66.67 0.76 0.00	69.06 0.93 0.00	59.65 1.00 0.00	54.08 1.14 0.00	51.43 0.99 0.00	49.48 0.63 0.00	53.28 0.34 0.00	53.50 0.52 0.00	63.29 0.43 0.00	58.94 0.40 0.00	59.61 0.57 0.00	75.53 1.21 0.00	66.50 1.45 0.00	70.99 2.16 0.00	64.40 2.37 0.00	54.50 1.61 0.00	54.72 1.32 0.00	56.73 1.01 0.00	55.18 0.73 0.00	57.43 0.72 0.00
LITTLRIV_115KV_TB1 356100	59.71 1.95 0.00	100.06 3.62 0.00	70.24 1.97 0.00	61.37 1.79 0.00	67.96 2.05 0.00	70.17 2.03 0.00	57.47 -1.18 0.00	51.46 -1.48 0.00	49.10 -1.34 0.00	47.32 -1.53 0.00	50.50 -2.44 0.00	51.71 -1.27 0.00	61.28 -1.58 0.00	57.91 -0.64 0.00	59.08 0.05 0.00	74.45 0.12 0.00	63.85 -1.20 0.00	67.53 -1.30 0.00	60.79 -1.24 0.00	51.50 -1.40 0.00	51.36 -2.05 0.00	53.44 -2.28 0.00	53.25 -1.19 0.00	57.11 0.40 0.00
LI_NEWBRDGE___DRP 323616	62.27 4.52 0.00	102.84 6.40 0.00	72.90 4.62 0.00	63.31 3.72 0.00	69.93 4.01 0.00	72.70 4.56 0.00	62.60 3.95 0.00	56.69 3.74 0.00	54.15 3.71 0.00	52.17 3.32 0.00	56.17 3.24 0.00	55.39 2.41 0.00	65.76 2.90 0.00	61.77 3.23 0.00	62.36 3.32 0.00	91.98 4.78 -12.87	99.53 4.79 -29.69	82.43 5.68 -7.92	75.34 5.07 -8.25	124.82 3.91 -68.02	70.87 3.77 -13.69	59.77 3.64 -0.40	57.69 3.25 0.00	60.05 3.34 0.00
LOCKPORT_115KV_TB60_63_64 80432	53.23 -4.52 0.00	88.00 -8.44 0.00	62.71 -5.57 0.00	54.88 -4.70 0.00	60.84 -5.07 0.00	62.86 -5.27 0.00	53.52 -5.12 0.00	46.66 -5.67 0.61	45.09 -5.35 0.00	42.66 -5.00 1.20	44.90 -5.12 2.92	47.58 -5.40 0.00	56.50 -6.37 0.00	48.69 -5.88 3.97	51.29 -6.02 1.74	66.13 -7.46 0.74	58.80 -6.25 0.00	63.28 -5.55 0.00	56.78 -5.25 0.00	47.77 -5.13 0.00	48.47 -4.93 0.00	50.33 -5.40 0.00	49.78 -4.66 0.00	52.60 -4.11 0.00
LOCKPORT___CC1 323769	53.06 -4.69 0.00	87.77 -8.66 0.00	62.57 -5.71 0.00	54.77 -4.82 0.00	60.73 -5.19 0.00	62.73 -5.41 0.00	53.43 -5.22 0.00	46.46 -5.83 0.65	44.97 -5.46 0.01	42.44 -5.13 1.28	44.57 -5.23 3.14	47.47 -5.51 0.00	56.37 -6.49 0.00	48.20 -6.07 4.27	50.99 -6.18 1.87	65.91 -7.63 0.78	58.66 -6.39 0.00	63.14 -5.70 0.00	56.66 -5.37 0.00	47.66 -5.24 0.00	48.36 -5.04 0.00	50.20 -5.52 0.00	49.65 -4.79 0.00	52.48 -4.23 0.00
LOCKPORT___CC2 323770	53.06 -4.69 0.00	87.77 -8.66 0.00	62.57 -5.71 0.00	54.77 -4.82 0.00	60.73 -5.19 0.00	62.73 -5.41 0.00	53.43 -5.22 0.00	46.46 -5.83 0.65	44.97 -5.46 0.01	42.44 -5.13 1.28	44.57 -5.23 3.14	47.47 -5.51 0.00	56.37 -6.49 0.00	48.20 -6.07 4.27	50.99 -6.18 1.87	65.91 -7.63 0.78	58.66 -6.39 0.00	63.14 -5.70 0.00	56.66 -5.37 0.00	47.66 -5.24 0.00	48.36 -5.04 0.00	50.20 -5.52 0.00	49.65 -4.79 0.00	52.48 -4.23 0.00
LOCKPORT___CC3 323771	53.06 -4.69 0.00	87.77 -8.66 0.00	62.57 -5.71 0.00	54.77 -4.82 0.00	60.73 -5.19 0.00	62.73 -5.41 0.00	53.43 -5.22 0.00	46.46 -5.83 0.65	44.97 -5.46 0.01	42.44 -5.13 1.28	44.57 -5.23 3.14	47.47 -5.51 0.00	56.37 -6.49 0.00	48.20 -6.07 4.27	50.99 -6.18 1.87	65.91 -7.63 0.78	58.66 -6.39 0.00	63.14 -5.70 0.00	56.66 -5.37 0.00	47.66 -5.24 0.00	48.36 -5.04 0.00	50.20 -5.52 0.00	49.65 -4.79 0.00	52.48 -4.23 0.00
LONG_LAKE_PHOENIX 24014	56.04 -1.72 0.00	93.26 -3.18 0.00	66.02 -2.26 0.00	57.56 -2.02 0.00	63.72 -2.20 0.00	65.90 -2.23 0.00	56.72 -1.92 0.00	51.15 -1.80 0.00	48.74 -1.70 0.00	47.18 -1.67 0.00	51.12 -1.82 0.00	51.10 -1.88 0.00	60.68 -2.18 0.00	56.52 -2.02 0.00	57.03 -2.01 0.00	71.96 -2.37 0.00	63.15 -1.90 0.00	67.13 -1.70 0.00	60.47 -1.55 0.00	51.32 -1.58 0.00	51.77 -1.63 0.00	53.84 -1.88 0.00	52.59 -1.86 0.00	54.79 -1.92 0.00
LOVETT___3 23632	60.92 3.17 0.00	101.05 4.61 0.00	71.37 3.10 0.00	61.99 2.41 0.00	68.64 2.72 0.00	71.18 3.05 0.00	61.30 2.66 0.00	55.38 2.44 0.00	52.99 2.55 0.00	51.16 2.31 0.00	55.13 2.20 0.00	54.88 1.90 0.00	65.06 2.20 0.00	60.71 2.17 0.00	61.29 2.26 0.00	77.26 2.95 0.02	68.06 3.01 0.00	72.68 3.85 0.00	65.45 3.42 0.00	55.42 2.52 0.00	55.73 2.33 0.00	57.89 2.17 0.00	56.38 1.94 0.00	58.86 2.15 0.00
LOVETT___4 23642	60.92 3.17 0.00	101.05 4.61 0.00	71.37 3.10 0.00	61.99 2.41 0.00	68.64 2.72 0.00	71.18 3.05 0.00	61.30 2.66 0.00	55.38 2.44 0.00	52.99 2.55 0.00	51.16 2.31 0.00	55.13 2.20 0.00	54.88 1.90 0.00	65.06 2.20 0.00	60.71 2.17 0.00	61.29 2.26 0.00	77.26 2.95 0.02	68.06 3.01 0.00	72.68 3.85 0.00	65.45 3.42 0.00	55.42 2.52 0.00	55.73 2.33 0.00	57.89 2.17 0.00	56.38 1.94 0.00	58.86 2.15 0.00
LOVETT___5 23593	60.92 3.17 0.00	101.05 4.61 0.00	71.37 3.10 0.00	61.99 2.41 0.00	68.64 2.72 0.00	71.18 3.05 0.00	61.30 2.66 0.00	55.38 2.44 0.00	52.99 2.55 0.00	51.16 2.31 0.00	55.13 2.20 0.00	54.88 1.90 0.00	65.06 2.20 0.00	60.71 2.17 0.00	61.29 2.26 0.00	77.26 2.95 0.02	68.06 3.01 0.00	72.68 3.85 0.00	65.45 3.42 0.00	55.42 2.52 0.00	55.73 2.33 0.00	57.89 2.17 0.00	56.38 1.94 0.00	58.86 2.15 0.00
LOWER RAQUET___HYD 24057	58.48 0.73 0.00	98.03 1.59 0.00	68.83 0.55 0.00	60.12 0.54 0.00	66.56 0.65 0.00	68.67 0.54 0.00	56.30 -2.35 0.00	50.40 -2.54 0.00	48.13 -2.31 0.00	46.72 -2.13 0.00	50.18 -2.75 0.00	51.27 -1.71 0.00	60.76 -2.10 0.00	57.19 -1.35 0.00	58.14 -0.89 0.00	73.19 -1.14 0.00	62.47 -2.58 0.00	65.94 -2.90 0.00	59.31 -2.71 0.00	50.28 -2.61 0.00	50.17 -3.24 0.00	52.27 -3.45 0.00	52.18 -2.26 0.00	56.01 -0.70 0.00
LOWER___HUDSON 24059	60.74 2.98 0.00	100.95 4.51 0.00	71.41 3.14 0.00	62.23 2.65 0.00	68.81 2.90 0.00	71.19 3.06 0.00	61.37 2.73 0.00	55.44 2.49 0.00	52.84 2.40 0.00	50.97 2.12 0.00	55.05 2.12 0.00	55.08 2.10 0.00	65.19 2.33 0.00	60.87 2.33 0.00	61.35 2.31 0.00	77.41 3.08 0.00	67.87 2.82 0.00	72.27 3.43 0.00	65.18 3.16 0.00	55.41 2.51 0.00	55.86 2.46 0.00	58.14 2.42 0.00	56.75 2.30 0.00	59.09 2.38 0.00
LOWVILLE_115KV_TB2 356335	58.72 0.96 0.00	97.87 1.44 0.00	68.60 0.33 0.00	59.74 0.16 0.00	65.99 0.08 0.00	68.11 -0.02 0.00	57.73 -0.90 0.00	52.10 -0.84 0.00	49.84 -0.60 0.00	48.62 -0.23 0.00	52.77 -0.16 0.00	53.14 0.16 0.00	62.85 -0.01 0.00	58.79 0.25 0.00	59.42 0.39 0.00	74.95 0.62 0.00	65.51 0.46 0.00	69.15 0.32 0.00	62.24 0.21 0.00	52.39 -0.51 0.00	52.18 -1.22 0.00	54.14 -1.59 0.00	53.06 -1.38 0.00	55.58 -1.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	61.17 3.41 0.00	101.68 5.24 0.00	71.95 3.67 0.00	62.69 3.10 0.00	69.33 3.42 0.00	71.70 3.57 0.00	61.83 3.19 0.00	55.90 2.95 0.00	53.21 2.78 0.00	51.32 2.47 0.00	55.38 2.44 0.00	55.41 2.43 0.00	65.72 2.85 0.00	61.38 2.84 0.00	61.95 2.92 0.00	78.27 3.94 0.00	68.76 3.71 0.00	73.15 4.32 0.00	65.97 3.95 0.00	56.01 3.11 0.00	56.44 3.04 0.00	58.69 2.97 0.00	57.15 2.71 0.00	59.46 2.75 0.00

LUTHERNY_35_KV_BK2 355980	61.21 3.46 0.00	101.76 5.32 0.00	72.00 3.72 0.00	62.74 3.16 0.00	69.39 3.48 0.00	71.76 3.62 0.00	61.87 3.23 0.00	55.93 2.99 0.00	53.26 2.82 0.00	51.36 2.51 0.00	55.43 2.49 0.00	55.45 2.47 0.00	65.78 2.92 0.00	61.44 2.89 0.00	62.01 2.98 0.00	78.35 4.02 0.00	68.83 3.77 0.00	73.22 4.39 0.00	66.05 4.03 0.00	56.08 3.18 0.00	56.50 3.10 0.00	58.74 3.02 0.00	57.20 2.76 0.00	59.51 2.80 0.00
LWR___OSWEGATCHIE_HYD 23850	58.22 0.47 0.00	97.35 0.91 0.00	68.26 -0.01 0.00	59.53 -0.06 0.00	65.85 -0.06 0.00	67.98 -0.15 0.00	56.52 -2.13 0.00	50.77 -2.18 0.00	48.58 -1.86 0.00	47.29 -1.57 0.00	51.07 -1.87 0.00	51.83 -1.15 0.00	61.37 -1.49 0.00	57.55 -0.99 0.00	58.32 -0.72 0.00	73.53 -0.80 0.00	63.45 -1.60 0.00	66.98 -1.85 0.00	60.27 -1.76 0.00	50.89 -2.01 0.00	50.72 -2.68 0.00	52.72 -3.00 0.00	52.19 -2.25 0.00	55.39 -1.32 0.00
LYONS_FALL_HYD 23570	58.94 1.19 0.00	98.27 1.83 0.00	69.14 0.86 0.00	60.24 0.65 0.00	66.59 0.67 0.00	68.79 0.65 0.00	58.67 0.02 0.00	52.97 0.03 0.00	50.62 0.18 0.00	49.20 0.35 0.00	53.29 0.35 0.00	53.58 0.60 0.00	63.41 0.55 0.00	59.27 0.73 0.00	59.87 0.83 0.00	75.55 1.22 0.00	66.12 1.07 0.00	69.89 1.06 0.00	62.95 0.93 0.00	53.19 0.29 0.00	53.24 -0.17 0.00	55.28 -0.44 0.00	54.07 -0.37 0.00	56.50 -0.22 0.00
MADISON___COUNTY_LFGE 323628	59.18 1.43 0.00	98.65 2.22 0.00	69.80 1.52 0.00	60.84 1.26 0.00	67.38 1.47 0.00	69.73 1.60 0.00	59.95 1.31 0.00	54.14 1.19 0.00	51.63 1.19 0.00	49.91 1.06 0.00	53.88 0.95 0.00	54.13 1.15 0.00	64.13 1.27 0.00	59.89 1.35 0.00	60.51 1.48 0.00	76.42 2.09 0.00	67.03 1.98 0.00	70.99 2.16 0.00	63.89 1.87 0.00	54.18 1.28 0.00	54.61 1.20 0.00	56.74 1.02 0.00	55.36 0.92 0.00	57.68 0.97 0.00
MALONE___115KV_TB1 356076	59.23 1.48 0.00	99.63 3.19 0.00	70.32 2.04 0.00	61.49 1.90 0.00	68.10 2.18 0.00	70.28 2.14 0.00	59.64 1.00 0.00	53.85 0.90 0.00	51.28 0.84 0.00	49.65 0.80 0.00	53.85 0.92 0.00	54.27 1.29 0.00	64.45 1.58 0.00	60.26 1.72 0.00	60.92 1.89 0.00	76.42 2.09 0.00	66.12 1.07 0.00	69.51 0.68 0.00	62.45 0.43 0.00	53.34 0.44 0.00	53.57 0.17 0.00	56.17 0.45 0.00	55.43 0.99 0.00	58.04 1.33 0.00
MAPLEWOD_115KV_TB3 80458	60.69 2.94 0.00	100.91 4.47 0.00	71.37 3.09 0.00	62.18 2.59 0.00	68.79 2.87 0.00	71.17 3.04 0.00	61.35 2.71 0.00	55.43 2.48 0.00	52.84 2.40 0.00	51.01 2.16 0.00	55.08 2.15 0.00	55.13 2.16 0.00	65.30 2.44 0.00	60.87 2.33 0.00	61.21 2.17 0.00	77.22 2.90 0.00	67.77 2.72 0.00	72.16 3.33 0.00	65.05 3.02 0.00	55.28 2.38 0.00	55.73 2.32 0.00	58.08 2.36 0.00	56.81 2.37 0.00	59.15 2.44 0.00
MAPLE_RIDGE_WT_1 323574	56.78 -0.98 0.00	95.15 -1.29 0.00	67.39 -0.89 0.00	58.87 -0.72 0.00	65.02 -0.89 0.00	67.01 -1.12 0.00	57.53 -1.11 0.00	51.90 -1.05 0.00	49.47 -0.97 0.00	47.99 -0.86 0.00	52.00 -0.93 0.00	52.15 -0.82 0.00	62.06 -0.81 0.00	57.91 -0.63 0.00	58.40 -0.63 0.00	73.42 -0.91 0.00	64.04 -1.01 0.00	67.38 -1.46 0.00	60.55 -1.48 0.00	51.59 -1.31 0.00	52.09 -1.31 0.00	54.56 -1.16 0.00	53.41 -1.03 0.00	55.63 -1.09 0.00
MAPLE_RIDGE_WT_2 323611	56.78 -0.98 0.00	95.15 -1.29 0.00	67.39 -0.89 0.00	58.87 -0.72 0.00	65.02 -0.89 0.00	67.01 -1.12 0.00	57.53 -1.11 0.00	51.90 -1.05 0.00	49.47 -0.97 0.00	47.99 -0.86 0.00	52.00 -0.93 0.00	52.15 -0.82 0.00	62.06 -0.81 0.00	57.91 -0.63 0.00	58.40 -0.63 0.00	73.42 -0.91 0.00	64.04 -1.01 0.00	67.38 -1.46 0.00	60.55 -1.48 0.00	51.59 -1.31 0.00	52.09 -1.31 0.00	54.56 -1.16 0.00	53.41 -1.03 0.00	55.63 -1.09 0.00
MARBLE_RIVER_WT_PWR 323696	58.24 0.49 0.00	97.94 1.50 0.00	69.29 1.01 0.00	60.54 0.95 0.00	67.04 1.13 0.00	69.18 1.05 0.00	59.39 0.75 0.00	53.71 0.76 0.00	51.00 0.57 0.00	49.38 0.53 0.00	53.75 0.81 0.00	54.03 1.06 0.00	64.20 1.34 0.00	60.01 1.47 0.00	60.56 1.53 0.00	75.87 1.54 0.00	65.92 0.87 0.00	69.18 0.34 0.00	62.16 0.13 0.00	53.16 0.26 0.00	53.55 0.14 0.00	56.24 0.52 0.00	55.32 0.87 0.00	57.59 0.87 0.00
MARSHVLE_115KV_TB1 80742	60.32 2.57 0.00	100.55 4.11 0.00	71.29 3.01 0.00	62.13 2.55 0.00	68.73 2.82 0.00	71.17 3.04 0.00	61.25 2.61 0.00	55.28 2.34 0.00	52.50 2.07 0.00	50.71 1.86 0.00	54.81 1.87 0.00	54.85 1.87 0.00	65.62 2.76 0.00	60.93 2.38 0.00	61.83 2.80 0.00	78.16 3.85 0.02	68.84 3.79 0.00	72.92 4.09 0.00	65.57 3.54 0.00	55.76 2.87 0.00	56.19 2.79 0.00	58.41 2.69 0.00	56.82 2.38 0.00	59.11 2.40 0.00
MARSH_HILL_WT_PWR 323713	53.13 -4.62 0.00	87.96 -8.48 0.00	62.68 -5.60 0.00	54.54 -5.05 0.00	60.65 -5.26 0.00	62.43 -5.71 0.00	53.36 -5.28 0.00	50.55 -5.14 -2.74	45.52 -4.94 -0.02	49.55 -4.69 -5.39	61.16 -4.94 -13.17	48.18 -4.80 0.00	57.64 -5.23 0.00	71.63 -4.68 -17.77	62.44 -4.41 -7.81	68.99 -5.05 0.28	61.11 -3.94 0.00	65.78 -3.06 0.00	59.38 -2.65 0.00	49.68 -3.22 0.00	50.07 -3.33 0.00	52.11 -3.62 0.00	50.88 -3.56 0.00	53.18 -3.53 0.00
MCINTYRE_115KV_TB2 80467	60.76 3.01 0.00	101.81 5.37 0.00	71.48 3.20 0.00	62.45 2.87 0.00	69.18 3.27 0.00	71.46 3.33 0.00	58.59 -0.05 0.00	52.51 -0.43 0.00	50.03 -0.40 0.00	47.89 -0.96 0.00	50.78 -2.15 0.00	52.11 -0.87 0.00	61.74 -1.13 0.00	58.54 0.00 0.00	59.97 0.93 0.00	75.68 1.35 0.00	65.19 0.14 0.00	69.12 0.28 0.00	62.21 0.18 0.00	52.68 -0.22 0.00	52.52 -0.89 0.00	54.57 -1.15 0.00	54.31 -0.14 0.00	58.16 1.44 0.00
MECO_____69_KV_BK1 80468	61.70 3.95 0.00	102.69 6.25 0.00	72.71 4.44 0.00	63.34 3.75 0.00	70.11 4.20 0.00	72.61 4.47 0.00	62.58 3.93 0.00	56.53 3.59 0.00	53.59 3.16 0.00	51.45 2.60 0.00	55.28 2.34 0.00	55.44 2.46 0.00	66.47 3.61 0.00	61.64 3.10 0.00	62.62 3.59 0.00	79.58 5.26 0.00	70.30 5.25 0.00	74.67 5.84 0.00	67.17 5.15 0.00	57.08 4.18 0.00	57.47 4.07 0.00	59.68 3.96 0.00	58.01 3.57 0.00	60.30 3.59 0.00
MENANDS___115KV_TB5 355628	60.51 2.76 0.00	100.57 4.13 0.00	71.15 2.88 0.00	61.99 2.41 0.00	68.57 2.65 0.00	70.95 2.81 0.00	61.15 2.51 0.00	55.25 2.30 0.00	52.69 2.25 0.00	50.85 2.00 0.00	54.93 1.99 0.00	55.01 2.03 0.00	65.05 2.19 0.00	60.66 2.12 0.00	60.93 1.89 0.00	76.84 2.52 0.00	67.39 2.34 0.00	71.77 2.94 0.00	64.68 2.65 0.00	54.99 2.09 0.00	55.44 2.04 0.00	57.82 2.10 0.00	56.63 2.19 0.00	58.98 2.27 0.00
MG INDUSTRY___DRP 24185	60.11 2.36 0.00	100.02 3.58 0.00	70.79 2.51 0.00	61.68 2.09 0.00	68.23 2.32 0.00	70.61 2.48 0.00	60.87 2.23 0.00	54.94 1.99 0.00	52.33 1.89 0.00	50.49 1.64 0.00	54.58 1.64 0.00	54.65 1.67 0.00	64.63 1.77 0.00	60.28 1.74 0.00	60.64 1.61 0.00	76.45 2.13 0.00	67.09 2.04 0.00	71.36 2.53 0.00	64.32 2.30 0.00	54.72 1.82 0.00	55.20 1.80 0.00	57.57 1.86 0.00	56.37 1.93 0.00	58.76 2.05 0.00

MID___OSWEGATCHIE_HYD 23849	58.22 0.47 0.00	97.35 0.91 0.00	68.26 -0.01 0.00	59.53 -0.06 0.00	65.85 -0.06 0.00	67.98 -0.15 0.00	56.52 -2.13 0.00	50.77 -2.18 0.00	48.58 -1.86 0.00	47.29 -1.57 0.00	51.07 -1.87 0.00	51.83 -1.15 0.00	61.37 -1.49 0.00	57.55 -0.99 0.00	58.32 -0.72 0.00	73.53 -0.80 0.00	63.45 -1.60 0.00	66.98 -1.85 0.00	60.27 -1.76 0.00	50.89 -2.01 0.00	50.72 -2.68 0.00	52.72 -3.00 0.00	52.19 -2.25 0.00	55.39 -1.32 0.00
MID___RAQUETTE_HYD 23851	58.48 0.73 0.00	98.03 1.60 0.00	68.83 0.55 0.00	60.13 0.54 0.00	66.56 0.65 0.00	68.68 0.54 0.00	56.29 -2.35 0.00	50.40 -2.55 0.00	48.13 -2.31 0.00	46.72 -2.13 0.00	50.19 -2.75 0.00	51.27 -1.71 0.00	60.76 -2.10 0.00	57.19 -1.35 0.00	58.15 -0.89 0.00	73.18 -1.14 0.00	62.47 -2.58 0.00	65.93 -2.90 0.00	59.31 -2.71 0.00	50.29 -2.62 0.00	50.17 -3.24 0.00	52.27 -3.45 0.00	52.18 -2.26 0.00	56.02 -0.70 0.00
MILLIKEN___1 23584	58.32 0.56 0.00	97.00 0.56 0.00	68.71 0.43 0.00	59.88 0.29 0.00	66.20 0.29 0.00	68.48 0.35 0.00	59.03 0.39 0.00	53.26 0.32 0.00	50.74 0.30 0.00	49.04 0.19 0.00	53.06 0.12 0.00	53.02 0.04 0.00	63.05 0.18 0.00	58.71 0.17 0.00	59.39 0.36 0.00	74.98 0.70 0.04	65.94 0.89 0.00	70.25 1.41 0.00	63.27 1.24 0.00	53.48 0.58 0.00	54.00 0.60 0.00	56.12 0.40 0.00	54.67 0.23 0.00	57.03 0.32 0.00
MILLIKEN___2 23585	58.32 0.56 0.00	97.00 0.56 0.00	68.71 0.43 0.00	59.88 0.29 0.00	66.20 0.29 0.00	68.48 0.35 0.00	59.03 0.39 0.00	53.26 0.32 0.00	50.74 0.30 0.00	49.04 0.19 0.00	53.06 0.12 0.00	53.02 0.04 0.00	63.05 0.18 0.00	58.71 0.17 0.00	59.39 0.36 0.00	74.98 0.70 0.04	65.94 0.89 0.00	70.25 1.41 0.00	63.27 1.24 0.00	53.48 0.58 0.00	54.00 0.60 0.00	56.12 0.40 0.00	54.67 0.23 0.00	57.03 0.32 0.00
MILLIKEN___DIESEL 23629	58.32 0.56 0.00	97.00 0.56 0.00	68.71 0.43 0.00	59.88 0.29 0.00	66.20 0.29 0.00	68.48 0.35 0.00	59.03 0.39 0.00	53.26 0.32 0.00	50.74 0.30 0.00	49.04 0.19 0.00	53.06 0.12 0.00	53.02 0.04 0.00	63.05 0.18 0.00	58.71 0.17 0.00	59.39 0.36 0.00	74.98 0.70 0.04	65.94 0.89 0.00	70.25 1.41 0.00	63.27 1.24 0.00	53.48 0.58 0.00	54.00 0.60 0.00	56.12 0.40 0.00	54.67 0.23 0.00	57.03 0.32 0.00
MILLSEAT___LFGE 323607	54.66 -3.10 0.00	90.37 -6.07 0.00	64.32 -3.96 0.00	56.33 -3.25 0.00	62.45 -3.46 0.00	64.55 -3.58 0.00	55.07 -3.58 0.00	48.28 -4.16 0.51	46.57 -3.86 0.00	44.25 -3.60 0.99	46.88 -3.63 2.43	49.07 -3.91 0.00	58.30 -4.56 0.00	51.01 -4.23 3.30	53.32 -4.27 1.44	68.52 -5.22 0.59	60.88 -4.16 0.00	65.49 -3.34 0.00	58.77 -3.25 0.00	49.45 -3.46 0.00	50.09 -3.32 0.00	51.95 -3.77 0.00	51.23 -3.21 0.00	53.94 -2.77 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	61.39 3.64 0.00	101.68 5.24 0.00	71.83 3.55 0.00	62.39 2.81 0.00	69.04 3.12 0.00	71.59 3.45 0.00	61.66 3.01 0.00	55.73 2.78 0.00	53.32 2.89 0.00	51.51 2.67 0.00	55.51 2.57 0.00	55.22 2.24 0.00	65.46 2.60 0.00	61.11 2.57 0.00	61.65 2.62 0.00	77.77 3.46 0.02	68.48 3.43 0.00	73.12 4.29 0.00	65.84 3.81 0.00	55.77 2.87 0.00	56.10 2.70 0.00	58.28 2.56 0.00	56.77 2.32 0.00	59.25 2.54 0.00
MILLWOOD_13_KV_LOAD 356217	61.48 3.73 0.00	101.85 5.41 0.00	71.95 3.67 0.00	62.47 2.88 0.00	69.13 3.21 0.00	71.68 3.54 0.00	61.75 3.10 0.00	55.81 2.87 0.00	53.40 2.97 0.00	51.59 2.74 0.00	55.57 2.64 0.00	55.32 2.34 0.00	65.56 2.70 0.00	61.19 2.65 0.00	61.76 2.72 0.00	77.90 3.59 0.02	68.60 3.55 0.00	73.26 4.43 0.00	65.96 3.93 0.00	55.87 2.97 0.00	56.21 2.81 0.00	58.38 2.66 0.00	56.86 2.42 0.00	59.35 2.64 0.00
MODEL_CITY_ENERGY 24167	52.77 -4.99 0.00	87.18 -9.26 0.00	62.11 -6.17 0.00	54.35 -5.24 0.00	60.25 -5.66 0.00	62.26 -5.87 0.00	52.98 -5.66 0.00	46.09 -6.21 0.64	44.60 -5.83 0.01	42.15 -5.43 1.27	44.28 -5.57 3.09	47.05 -5.93 0.00	55.84 -7.03 0.00	47.89 -6.44 4.21	50.58 -6.62 1.84	65.21 -8.27 0.84	58.08 -6.96 0.00	62.52 -6.31 0.00	56.10 -5.93 0.00	47.22 -5.68 0.00	47.91 -5.49 0.00	49.74 -5.98 0.00	49.26 -5.18 0.00	52.07 -4.64 0.00
MODERN_LFGE___ 323580	52.77 -4.99 0.00	87.18 -9.26 0.00	62.11 -6.17 0.00	54.35 -5.24 0.00	60.25 -5.66 0.00	62.26 -5.87 0.00	52.98 -5.66 0.00	46.09 -6.21 0.64	44.60 -5.83 0.01	42.15 -5.43 1.27	44.28 -5.57 3.09	47.05 -5.93 0.00	55.84 -7.03 0.00	47.89 -6.44 4.21	50.58 -6.62 1.84	65.21 -8.27 0.84	58.08 -6.96 0.00	62.52 -6.31 0.00	56.10 -5.93 0.00	47.22 -5.68 0.00	47.91 -5.49 0.00	49.74 -5.98 0.00	49.26 -5.18 0.00	52.07 -4.64 0.00
MOHAWK_PAPER___DRP 24187	60.69 2.94 0.00	100.91 4.47 0.00	71.37 3.09 0.00	62.18 2.59 0.00	68.79 2.87 0.00	71.17 3.04 0.00	61.35 2.71 0.00	55.43 2.48 0.00	52.84 2.40 0.00	51.01 2.16 0.00	55.08 2.15 0.00	55.13 2.16 0.00	65.30 2.44 0.00	60.87 2.33 0.00	61.21 2.17 0.00	77.22 2.90 0.00	67.77 2.72 0.00	72.16 3.33 0.00	65.05 3.02 0.00	55.28 2.38 0.00	55.73 2.32 0.00	58.08 2.36 0.00	56.81 2.37 0.00	59.15 2.44 0.00
MOHICAN___35_KV_115KV_LD 80490	61.40 3.64 0.00	101.97 5.53 0.00	72.17 3.89 0.00	62.92 3.33 0.00	69.57 3.66 0.00	71.78 3.65 0.00	61.99 3.34 0.00	56.15 3.20 0.00	53.40 2.97 0.00	51.42 2.56 0.00	55.38 2.44 0.00	55.31 2.33 0.00	65.63 2.77 0.00	61.48 2.94 0.00	62.17 3.13 0.00	78.65 4.33 0.00	69.15 4.10 0.00	73.54 4.71 0.00	66.46 4.43 0.00	56.32 3.43 0.00	56.71 3.31 0.00	58.89 3.17 0.00	57.21 2.77 0.00	59.41 2.70 0.00
MONGAUP___HYD 23641	61.48 3.73 0.00	101.98 5.55 0.00	72.03 3.76 0.00	62.62 3.03 0.00	69.32 3.40 0.00	71.87 3.73 0.00	61.92 3.28 0.00	55.97 3.03 0.00	53.45 3.01 0.00	51.53 2.68 0.00	55.28 2.34 0.00	55.08 2.10 0.00	65.52 2.66 0.00	61.07 2.53 0.00	61.86 2.83 0.00	78.32 4.01 0.02	69.09 4.04 0.00	73.79 4.96 0.00	66.47 4.44 0.00	56.31 3.40 0.00	56.63 3.23 0.00	58.79 3.07 0.00	57.21 2.76 0.00	59.62 2.91 0.00
MONTAUK___DIESEL 23721	65.71 7.96 0.00	108.44 12.00 0.00	77.26 8.98 0.00	67.25 7.67 0.00	74.32 8.41 0.00	77.41 9.27 0.00	66.75 8.11 0.00	60.39 7.44 0.00	57.50 7.06 0.00	55.17 6.32 0.00	59.20 6.26 0.00	57.73 4.76 0.00	68.22 5.35 0.00	64.41 5.87 0.00	65.38 6.34 0.00	96.31 9.11 -12.87	104.03 9.29 -29.69	87.19 10.43 -7.92	79.41 9.14 -8.25	128.46 7.54 -68.02	74.44 7.34 -13.69	63.17 7.04 -0.40	60.56 6.12 0.00	62.75 6.04 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	53.37 -4.38 0.00	87.84 -8.59 0.00	62.48 -5.79 0.00	54.71 -4.87 0.00	60.54 -5.37 0.00	62.64 -5.50 0.00	53.42 -5.22 0.00	46.74 -5.57 0.64	45.31 -5.13 0.00	42.65 -4.95 1.25	44.98 -4.90 3.06	48.41 -4.57 0.00	58.14 -4.72 0.00	49.59 -4.78 4.17	52.19 -5.02 1.82	67.78 -5.73 0.82	60.14 -4.91 0.00	64.86 -3.97 0.00	58.46 -3.56 0.00	49.48 -3.42 0.00	50.21 -3.20 0.00	52.13 -3.59 0.00	51.39 -3.05 0.00	54.15 -2.57 0.00

MORRIS_RIDGE___SOLAR 323848	53.59 -4.16 0.00	88.64 -7.80 0.00	62.99 -5.29 0.00	54.99 -4.60 0.00	61.06 -4.85 0.00	63.01 -5.12 0.00	53.94 -4.70 0.00	44.22 -4.87 3.86	45.75 -4.66 0.03	36.83 -4.45 7.57	29.83 -4.59 18.51	48.42 -4.56 0.00	57.76 -5.10 0.00	28.59 -4.92 25.03	43.23 -4.82 10.98	67.94 -5.65 0.74	60.45 -4.59 0.00	65.12 -3.71 0.00	58.68 -3.35 0.00	49.21 -3.69 0.00	49.82 -3.58 0.00	51.80 -3.92 0.00	50.86 -3.59 0.00	53.38 -3.33 0.00
MORTIMER_115KV_TB3 55949	55.52 -2.24 0.00	91.99 -4.45 0.00	65.28 -3.00 0.00	57.05 -2.53 0.00	63.19 -2.73 0.00	65.34 -2.80 0.00	55.97 -2.67 0.00	49.94 -3.01 0.00	47.63 -2.81 0.00	46.11 -2.74 0.00	50.11 -2.82 0.00	50.17 -2.81 0.00	59.62 -3.24 0.00	55.34 -3.20 0.00	55.89 -3.15 0.00	70.68 -3.68 -0.04	62.10 -2.95 0.00	66.46 -2.37 0.00	59.73 -2.29 0.00	50.41 -2.49 0.00	50.98 -2.43 0.00	52.95 -2.77 0.00	51.98 -2.47 0.00	54.47 -2.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	61.80 4.05 0.00	102.19 5.75 0.00	72.18 3.90 0.00	62.63 3.04 0.00	69.27 3.36 0.00	71.85 3.71 0.00	61.90 3.25 0.00	55.98 3.03 0.00	53.62 3.19 0.00	51.84 2.99 0.00	55.81 2.87 0.00	55.51 2.53 0.00	65.81 2.95 0.00	61.44 2.90 0.00	61.98 2.94 0.00	78.13 3.82 0.02	68.80 3.75 0.00	73.42 4.58 0.00	66.11 4.08 0.00	55.98 3.08 0.00	56.33 2.92 0.00	58.51 2.79 0.00	56.99 2.54 0.00	59.47 2.76 0.00
MUNSVILLE_WIND_PWR 323609	61.85 4.10 0.00	102.41 5.97 0.00	72.53 4.26 0.00	62.97 3.39 0.00	69.48 3.57 0.00	71.68 3.55 0.00	62.04 3.39 0.00	56.08 3.13 0.00	53.60 3.17 0.00	51.67 2.82 0.00	55.67 2.74 0.00	55.67 2.69 0.00	66.09 3.23 0.00	61.85 3.32 0.00	62.66 3.62 0.00	79.09 4.84 0.08	69.81 4.76 0.00	74.33 5.49 0.00	66.81 4.79 0.00	56.44 3.54 0.00	56.83 3.42 0.00	58.75 3.03 0.00	57.10 2.66 0.00	59.49 2.78 0.00
N SALMON___HYD 24042	59.23 1.48 0.00	99.63 3.20 0.00	70.32 2.04 0.00	61.49 1.90 0.00	68.10 2.18 0.00	70.27 2.14 0.00	59.64 1.00 0.00	53.85 0.90 0.00	51.28 0.84 0.00	49.65 0.80 0.00	53.85 0.92 0.00	54.27 1.29 0.00	64.45 1.58 0.00	60.26 1.72 0.00	60.92 1.89 0.00	76.42 2.09 0.00	66.12 1.07 0.00	69.51 0.68 0.00	62.45 0.43 0.00	53.34 0.44 0.00	53.57 0.17 0.00	56.17 0.45 0.00	55.43 0.99 0.00	58.04 1.33 0.00
N.AKRON__115KV_KNAPP 355671	54.26 -3.49 0.00	89.71 -6.73 0.00	63.90 -4.38 0.00	55.92 -3.67 0.00	61.98 -3.93 0.00	64.06 -4.07 0.00	54.61 -4.03 0.00	47.80 -4.60 0.54	46.12 -4.31 0.00	43.75 -4.03 1.07	46.23 -4.09 2.62	48.63 -4.35 0.00	57.77 -5.10 0.00	50.27 -4.70 3.57	52.68 -4.80 1.56	67.81 -5.87 0.65	60.26 -4.79 0.00	64.82 -4.02 0.00	58.15 -3.87 0.00	48.92 -3.98 0.00	49.60 -3.80 0.00	51.45 -4.27 0.00	50.81 -3.63 0.00	53.56 -3.16 0.00
N.BELMOR_69_KV_BK1 55787	62.71 4.96 0.00	103.32 6.88 0.00	73.24 4.96 0.00	63.68 4.09 0.00	70.28 4.37 0.00	72.97 4.83 0.00	62.86 4.22 0.00	57.04 4.10 0.00	54.46 4.02 0.00	52.51 3.66 0.00	56.55 3.61 0.00	55.74 2.76 0.00	66.17 3.31 0.00	62.23 3.69 0.00	62.82 3.79 0.00	92.50 5.30 -12.87	99.92 5.19 -29.69	82.90 6.14 -7.92	75.75 5.48 -8.25	125.17 4.26 -68.02	71.24 4.15 -13.69	60.20 4.08 -0.40	58.07 3.63 0.00	60.41 3.70 0.00
N.E_GEN_SANDY PD 24062	70.45 3.46 -9.24	102.36 5.16 -0.76	71.84 3.56 0.00	62.82 2.94 -0.29	69.14 3.22 0.00	71.57 3.44 0.00	63.25 3.02 -1.59	67.31 2.72 -11.65	61.24 2.70 -8.10	52.45 2.45 -1.15	55.34 2.40 0.00	55.28 2.30 0.00	65.32 2.52 0.06	63.47 2.51 -2.42	61.50 2.47 0.00	77.56 3.24 0.00	68.06 3.01 0.00	72.60 3.77 0.00	69.26 3.45 -3.79	60.61 2.71 -5.00	66.13 2.63 -10.09	58.56 2.57 -0.26	60.22 2.46 -3.32	59.43 2.67 -0.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	61.06 3.30 0.00	101.26 4.82 0.00	71.53 3.25 0.00	62.13 2.54 0.00	68.78 2.87 0.00	71.33 3.19 0.00	61.43 2.79 0.00	55.50 2.55 0.00	53.09 2.66 0.00	51.26 2.41 0.00	55.25 2.31 0.00	55.01 2.03 0.00	65.20 2.34 0.00	60.85 2.31 0.00	61.41 2.38 0.00	77.46 3.15 0.02	68.23 3.18 0.00	72.87 4.04 0.00	65.61 3.59 0.00	55.56 2.66 0.00	55.88 2.48 0.00	58.02 2.30 0.00	56.51 2.07 0.00	59.02 2.30 0.00
N.QUEENS_27_KV_LOAD 356247	61.80 4.05 0.00	102.16 5.73 0.00	72.27 4.00 0.00	62.62 3.03 0.00	69.21 3.30 0.00	71.85 3.71 0.00	61.92 3.27 0.00	56.01 3.06 0.00	53.67 3.23 0.00	51.89 3.04 0.00	55.85 2.91 0.00	55.55 2.57 0.00	65.89 3.03 0.00	61.53 2.99 0.00	62.12 3.09 0.00	78.11 3.81 0.02	68.80 3.75 0.00	73.53 4.70 0.00	66.14 4.12 0.00	56.13 3.23 0.00	56.51 3.11 0.00	58.57 2.85 0.00	57.05 2.61 0.00	59.51 2.80 0.00
N.TROY___115KV_TB1 355778	60.74 2.99 0.00	100.94 4.51 0.00	71.41 3.13 0.00	62.24 2.65 0.00	68.81 2.90 0.00	71.19 3.06 0.00	61.37 2.72 0.00	55.44 2.49 0.00	52.84 2.40 0.00	50.97 2.12 0.00	55.05 2.12 0.00	55.08 2.10 0.00	65.19 2.33 0.00	60.87 2.33 0.00	61.35 2.31 0.00	77.40 3.08 0.00	67.88 2.82 0.00	72.27 3.44 0.00	65.18 3.16 0.00	55.41 2.51 0.00	55.86 2.46 0.00	58.14 2.42 0.00	56.75 2.30 0.00	59.09 2.38 0.00
NARROWS_GT1_1 24228	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT1_2 24229	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT1_3 24230	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT1_4 24231	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00

NARROWS_GT1_5 24232	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT1_6 24233	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT1_7 24234	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT1_8 24235	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT2_1 24236	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT2_2 24237	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT2_3 24238	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT2_4 24239	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT2_5 24240	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT2_6 24241	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT2_7 24242	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NARROWS_GT2_8 24243	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.06 3.93 0.00	62.08 3.44 0.00	56.15 3.21 0.00	53.82 3.38 0.00	52.04 3.19 0.00	55.99 3.05 0.00	55.71 2.73 0.00	66.02 3.15 0.00	61.58 3.04 0.00	62.06 3.03 0.00	78.17 3.86 0.02	68.88 3.83 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.46 3.06 0.00	58.64 2.92 0.00	57.12 2.68 0.00	59.62 2.91 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	61.94 4.19 0.00	102.99 6.55 0.00	72.84 4.57 0.00	63.51 3.93 0.00	70.30 4.39 0.00	72.75 4.62 0.00	62.80 4.15 0.00	56.77 3.83 0.00	54.09 3.65 0.00	52.13 3.28 0.00	56.19 3.25 0.00	56.23 3.25 0.00	66.17 3.31 0.00	61.88 3.33 0.00	62.32 3.29 0.00	78.78 4.45 0.00	69.38 4.33 0.00	73.93 5.10 0.00	66.61 4.59 0.00	56.54 3.64 0.00	56.96 3.56 0.00	59.30 3.58 0.00	58.03 3.59 0.00	60.34 3.63 0.00
NCHELSEA_115KV_TR2 355582	62.14 4.39 0.00	102.98 6.54 0.00	72.73 4.46 0.00	63.20 3.61 0.00	69.94 4.03 0.00	72.52 4.39 0.00	62.50 3.86 0.00	56.49 3.55 0.00	54.02 3.59 0.00	52.23 3.38 0.00	56.23 3.30 0.00	55.97 2.99 0.00	66.35 3.49 0.00	61.93 3.39 0.00	62.53 3.49 0.00	78.90 4.59 0.02	69.53 4.48 0.00	74.26 5.43 0.00	66.88 4.86 0.00	56.66 3.76 0.00	57.00 3.60 0.00	59.15 3.43 0.00	57.59 3.15 0.00	60.05 3.35 0.00
NEG CAPITAL___MECHNVIL 23645	61.37 3.62 0.00	102.00 5.56 0.00	72.16 3.88 0.00	62.86 3.28 0.00	69.55 3.64 0.00	71.92 3.79 0.00	62.03 3.39 0.00	56.07 3.12 0.00	53.40 2.96 0.00	51.51 2.66 0.00	55.60 2.67 0.00	55.64 2.66 0.00	65.97 3.11 0.00	61.61 3.07 0.00	62.18 3.14 0.00	78.53 4.20 0.00	69.00 3.95 0.00	73.42 4.59 0.00	66.23 4.20 0.00	56.23 3.33 0.00	56.65 3.25 0.00	58.88 3.17 0.00	57.36 2.92 0.00	59.67 2.95 0.00

NEG CENTRAL_HIGH_ACRES 23767	54.90 -2.86 0.00	91.06 -5.38 0.00	64.62 -3.66 0.00	56.45 -3.14 0.00	62.50 -3.41 0.00	64.65 -3.48 0.00	55.47 -3.17 0.00	49.62 -3.33 0.00	47.34 -3.09 0.00	45.84 -3.01 0.00	49.82 -3.11 0.00	49.83 -3.15 0.00	59.23 -3.63 0.00	55.03 -3.52 0.00	55.55 -3.49 0.00	70.27 -4.12 -0.07	61.70 -3.35 0.00	65.94 -2.89 0.00	59.27 -2.76 0.00	50.07 -2.83 0.00	50.58 -2.83 0.00	52.54 -3.18 0.00	51.48 -2.96 0.00	53.88 -2.83 0.00
NEG CENTRAL___DRP 24199	56.74 -1.02 0.00	94.29 -2.15 0.00	66.88 -1.40 0.00	58.30 -1.28 0.00	64.52 -1.39 0.00	66.73 -1.40 0.00	57.43 -1.21 0.00	51.98 -1.24 -0.27	49.27 -1.17 0.00	48.18 -1.21 -0.54	52.98 -1.27 -1.31	51.66 -1.32 0.00	61.46 -1.40 0.00	58.92 -1.40 -1.78	58.55 -1.26 -0.78	72.98 -1.33 0.01	64.14 -0.91 0.00	68.47 -0.36 0.00	61.70 -0.32 0.00	52.05 -0.85 0.00	52.57 -0.84 0.00	54.66 -1.05 0.00	53.35 -1.10 0.00	55.69 -1.03 0.00
NEG CENTRAL___INDECK 23768	56.67 -1.09 0.00	93.82 -2.62 0.00	66.61 -1.66 0.00	58.18 -1.40 0.00	64.51 -1.41 0.00	66.68 -1.46 0.00	57.12 -1.52 0.00	53.81 -1.92 -2.78	48.70 -1.77 -0.02	52.63 -1.67 -5.46	64.51 -1.76 -13.33	51.19 -1.79 0.00	60.96 -1.91 0.00	74.67 -1.88 -18.00	65.17 -1.77 -7.90	72.59 -1.63 0.11	64.19 -0.86 0.00	69.10 0.27 0.00	62.10 0.08 0.00	52.22 -0.68 0.00	52.72 -0.68 0.00	54.68 -1.04 0.00	53.51 -0.93 0.00	55.97 -0.75 0.00
NEG CENTRAL___SENECA 23627	56.58 -1.17 0.00	93.81 -2.63 0.00	66.61 -1.66 0.00	58.05 -1.53 0.00	64.34 -1.58 0.00	66.51 -1.62 0.00	57.17 -1.47 0.00	51.87 -1.53 -0.45	48.99 -1.45 0.00	48.26 -1.47 -0.88	53.62 -1.46 -2.15	51.42 -1.56 0.00	61.24 -1.62 0.00	59.78 -1.66 -2.90	58.84 -1.47 -1.27	72.76 -1.54 0.02	63.99 -1.06 0.00	68.47 -0.36 0.00	61.74 -0.29 0.00	51.91 -0.99 0.00	52.45 -0.95 0.00	54.49 -1.23 0.00	53.24 -1.20 0.00	55.59 -1.13 0.00
NEG CENTRAL___STATE_STREET 24147	57.40 -0.35 0.00	95.73 -0.70 0.00	67.83 -0.44 0.00	59.18 -0.41 0.00	65.28 -0.64 0.00	67.63 -0.50 0.00	58.33 -0.31 0.00	52.57 -0.38 0.00	50.11 -0.32 0.00	48.42 -0.43 0.00	52.32 -0.62 0.00	52.40 -0.58 0.00	62.32 -0.55 0.00	58.02 -0.52 0.00	58.63 -0.41 0.00	74.02 -0.31 0.00	65.04 -0.01 0.00	69.27 0.43 0.00	62.36 0.33 0.00	52.79 -0.10 0.00	53.24 -0.16 0.00	55.41 -0.31 0.00	53.92 -0.52 0.00	56.34 -0.37 0.00
NEG MILLWOOD___DRP 24198	62.39 4.63 0.00	103.32 6.87 0.00	72.99 4.71 0.00	63.40 3.81 0.00	70.16 4.25 0.00	72.74 4.61 0.00	62.70 4.06 0.00	56.69 3.74 0.00	54.24 3.80 0.00	52.45 3.61 0.00	56.50 3.56 0.00	56.18 3.20 0.00	66.57 3.71 0.00	62.11 3.56 0.00	62.70 3.66 0.00	79.12 4.81 0.02	69.74 4.69 0.00	74.50 5.67 0.00	67.07 5.05 0.00	56.82 3.92 0.00	57.16 3.76 0.00	59.30 3.58 0.00	57.72 3.28 0.00	60.18 3.47 0.00
NEG NORTH_FLCN_SEA 23793	58.77 1.02 0.00	98.68 2.25 0.00	69.71 1.44 0.00	60.87 1.29 0.00	67.39 1.48 0.00	69.53 1.40 0.00	59.70 1.06 0.00	54.04 1.09 0.00	51.31 0.87 0.00	49.62 0.77 0.00	54.07 1.13 0.00	54.45 1.48 0.00	64.69 1.83 0.00	60.59 2.05 0.00	61.20 2.17 0.00	76.65 2.32 0.00	66.61 1.56 0.00	69.96 1.13 0.00	62.82 0.79 0.00	53.60 0.69 0.00	53.97 0.57 0.00	56.66 0.94 0.00	55.76 1.32 0.00	58.02 1.31 0.00
NEG NORTH_KES_CHATEGAY 23792	58.35 0.59 0.00	98.30 1.87 0.00	69.52 1.25 0.00	60.79 1.20 0.00	67.32 1.41 0.00	69.43 1.29 0.00	59.55 0.91 0.00	53.85 0.90 0.00	51.15 0.71 0.00	49.51 0.66 0.00	53.85 0.92 0.00	54.13 1.15 0.00	64.31 1.45 0.00	60.13 1.59 0.00	60.71 1.67 0.00	76.04 1.71 0.00	66.05 1.00 0.00	69.25 0.42 0.00	62.20 0.18 0.00	53.29 0.39 0.00	53.65 0.25 0.00	56.41 0.69 0.00	55.51 1.06 0.00	57.79 1.08 0.00
NEG NORTH___ALICE_FALLS 23915	59.23 1.47 0.00	99.50 3.06 0.00	70.30 2.02 0.00	61.41 1.82 0.00	67.97 2.05 0.00	70.13 2.00 0.00	60.24 1.60 0.00	54.54 1.59 0.00	51.80 1.36 0.00	50.08 1.23 0.00	54.49 1.55 0.00	54.82 1.85 0.00	65.14 2.28 0.00	60.99 2.44 0.00	61.58 2.55 0.00	77.18 2.85 0.00	67.12 2.06 0.00	70.54 1.71 0.00	63.36 1.34 0.00	54.06 1.16 0.00	54.41 1.00 0.00	57.12 1.40 0.00	56.19 1.75 0.00	58.43 1.72 0.00
NEG NORTH___LWR_SARANAC 23913	59.23 1.47 0.00	99.50 3.06 0.00	70.30 2.02 0.00	61.41 1.82 0.00	67.97 2.05 0.00	70.13 2.00 0.00	60.24 1.60 0.00	54.54 1.59 0.00	51.80 1.36 0.00	50.08 1.23 0.00	54.49 1.55 0.00	54.82 1.85 0.00	65.14 2.28 0.00	60.99 2.44 0.00	61.58 2.55 0.00	77.18 2.85 0.00	67.12 2.06 0.00	70.54 1.71 0.00	63.36 1.34 0.00	54.06 1.16 0.00	54.41 1.00 0.00	57.12 1.40 0.00	56.19 1.75 0.00	58.43 1.72 0.00
NEG NORTH___PLATTSBURG 23628	59.22 1.47 0.00	99.50 3.06 0.00	70.30 2.02 0.00	61.41 1.82 0.00	67.97 2.05 0.00	70.14 2.00 0.00	60.24 1.60 0.00	54.54 1.60 0.00	51.80 1.36 0.00	50.08 1.22 0.00	54.49 1.55 0.00	54.83 1.85 0.00	65.14 2.28 0.00	60.99 2.44 0.00	61.58 2.55 0.00	77.17 2.84 0.00	67.11 2.06 0.00	70.54 1.71 0.00	63.36 1.34 0.00	54.06 1.16 0.00	54.40 1.00 0.00	57.12 1.40 0.00	56.19 1.75 0.00	58.43 1.72 0.00
NEG WEST_LEA_LOCKPORT 23791	53.06 -4.69 0.00	87.77 -8.67 0.00	62.57 -5.71 0.00	54.77 -4.81 0.00	60.72 -5.19 0.00	62.73 -5.41 0.00	53.43 -5.22 0.00	46.51 -5.79 0.65	44.98 -5.46 0.01	42.44 -5.13 1.28	44.52 -5.28 3.14	47.48 -5.50 0.00	56.38 -6.49 0.00	48.21 -6.06 4.27	50.99 -6.18 1.87	65.93 -7.61 0.78	58.67 -6.38 0.00	63.14 -5.70 0.00	56.65 -5.37 0.00	47.65 -5.25 0.00	48.35 -5.05 0.00	50.20 -5.52 0.00	49.68 -4.77 0.00	52.49 -4.23 0.00
NEG WEST___LANCASTR 23811	55.10 -2.66 0.00	91.01 -5.43 0.00	64.56 -3.72 0.00	56.59 -2.99 0.00	62.71 -3.20 0.00	64.71 -3.43 0.00	55.23 -3.42 0.00	48.20 -4.08 0.67	46.54 -3.89 0.01	43.91 -3.62 1.32	46.15 -3.57 3.22	49.42 -3.56 0.00	58.83 -4.03 0.00	50.24 -3.92 4.38	53.25 -3.88 1.91	68.69 -4.83 0.81	60.90 -4.15 0.00	65.39 -3.44 0.00	58.79 -3.23 0.00	49.36 -3.54 0.00	50.05 -3.35 0.00	52.05 -3.67 0.00	51.38 -3.06 0.00	54.10 -2.61 0.00
NEG_PENN_ALLEGHNY 23528	57.54 -0.21 0.00	95.60 -0.84 0.00	67.68 -0.60 0.00	58.94 -0.65 0.00	65.28 -0.63 0.00	67.48 -0.66 0.00	58.05 -0.59 0.00	52.46 -0.59 -0.11	49.85 -0.59 0.00	48.46 -0.60 -0.21	52.92 -0.54 -0.52	52.35 -0.63 0.00	62.21 -0.65 0.00	58.49 -0.74 -0.69	58.75 -0.60 -0.31	73.69 -0.50 0.14	64.77 -0.28 0.00	69.03 0.19 0.00	62.27 0.24 0.00	52.51 -0.39 0.00	53.07 -0.33 0.00	55.22 -0.50 0.00	53.94 -0.50 0.00	56.26 -0.45 0.00
NEG___GEN_MONROE 24207	55.75 -2.00 0.00	92.32 -4.12 0.00	65.55 -2.73 0.00	57.29 -2.30 0.00	63.45 -2.46 0.00	65.63 -2.50 0.00	56.21 -2.43 0.00	50.00 -2.84 0.11	47.78 -2.66 0.00	46.07 -2.57 0.21	49.79 -2.64 0.51	50.29 -2.69 0.00	59.78 -3.09 0.00	54.85 -3.00 0.69	55.78 -2.95 0.30	70.91 -3.41 0.00	62.39 -2.66 0.00	66.85 -1.98 0.00	60.03 -1.99 0.00	50.63 -2.27 0.00	51.20 -2.20 0.00	53.16 -2.56 0.00	52.20 -2.24 0.00	54.73 -1.99 0.00

NEPA___ENERGY 23901	53.96 -3.79 0.00	88.96 -7.48 0.00	63.31 -4.97 0.00	55.40 -4.18 0.00	61.39 -4.53 0.00	63.42 -4.72 0.00	54.08 -4.57 0.00	46.99 -5.07 0.88	45.68 -4.75 0.01	42.60 -4.51 1.74	44.14 -4.55 4.25	48.43 -4.54 0.00	57.75 -5.12 0.00	47.79 -4.97 5.78	51.44 -5.07 2.52	67.41 -6.03 0.88	59.98 -5.07 0.00	64.59 -4.24 0.00	58.08 -3.94 0.00	48.89 -4.01 0.00	49.56 -3.85 0.00	51.47 -4.25 0.00	50.78 -3.66 0.00	53.53 -3.18 0.00
NEVERSink___HYD 23608	61.61 3.86 0.00	102.18 5.74 0.00	72.17 3.89 0.00	62.74 3.16 0.00	69.47 3.56 0.00	72.06 3.92 0.00	62.15 3.51 0.00	56.54 3.59 0.00	54.03 3.60 0.00	52.18 3.33 0.00	55.97 3.04 0.00	55.70 2.72 0.00	66.19 3.33 0.00	61.84 3.30 0.00	62.52 3.49 0.00	78.51 4.20 0.02	69.26 4.21 0.00	73.96 5.12 0.00	66.57 4.55 0.00	56.39 3.50 0.00	56.72 3.32 0.00	58.81 3.09 0.00	57.17 2.73 0.00	59.56 2.85 0.00
NEWKRMKL_115KV_TB1 55635	60.34 2.59 0.00	100.28 3.84 0.00	70.95 2.68 0.00	61.81 2.23 0.00	68.39 2.47 0.00	70.76 2.63 0.00	61.00 2.36 0.00	55.12 2.17 0.00	52.54 2.11 0.00	50.73 1.88 0.00	54.80 1.87 0.00	54.87 1.90 0.00	64.93 2.07 0.00	60.50 1.96 0.00	60.67 1.63 0.00	76.53 2.20 0.00	67.16 2.11 0.00	71.50 2.67 0.00	64.43 2.40 0.00	54.78 1.88 0.00	55.21 1.80 0.00	57.62 1.90 0.00	56.51 2.07 0.00	58.84 2.13 0.00
NEWTON___FALLS_HYD 23847	58.22 0.47 0.00	97.35 0.91 0.00	68.26 -0.01 0.00	59.53 -0.06 0.00	65.85 -0.06 0.00	67.98 -0.15 0.00	56.52 -2.13 0.00	50.77 -2.18 0.00	48.58 -1.86 0.00	47.29 -1.57 0.00	51.07 -1.87 0.00	51.83 -1.15 0.00	61.37 -1.49 0.00	57.55 -0.99 0.00	58.32 -0.72 0.00	73.53 -0.80 0.00	63.45 -1.60 0.00	66.98 -1.85 0.00	60.27 -1.76 0.00	50.89 -2.01 0.00	50.72 -2.68 0.00	52.72 -3.00 0.00	52.19 -2.25 0.00	55.39 -1.32 0.00
NGRID_A1_DSASP 323792	52.73 -5.02 0.00	87.02 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.85 -5.79 0.00	45.87 -6.42 0.66	44.44 -5.99 0.01	41.90 -5.66 1.30	43.94 -5.83 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.47 -6.75 4.33	50.24 -6.91 1.88	64.78 -8.56 0.99	57.79 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.98 -5.92 0.00	47.69 -5.71 0.00	49.53 -6.19 0.00	49.07 -5.38 0.00	52.14 -4.57 0.00
NGRID_A2_DSASP 323793	52.73 -5.02 0.00	87.02 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.85 -5.79 0.00	45.87 -6.42 0.66	44.44 -5.99 0.01	41.90 -5.66 1.30	43.94 -5.83 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.47 -6.75 4.33	50.24 -6.91 1.88	64.78 -8.56 0.99	57.79 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.98 -5.92 0.00	47.69 -5.71 0.00	49.53 -6.19 0.00	49.07 -5.38 0.00	52.14 -4.57 0.00
NGRID_A4_DSASP 323807	52.73 -5.02 0.00	87.02 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.85 -5.79 0.00	45.87 -6.42 0.66	44.44 -5.99 0.01	41.90 -5.66 1.30	43.94 -5.83 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.47 -6.75 4.33	50.24 -6.91 1.88	64.78 -8.56 0.99	57.79 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.98 -5.92 0.00	47.69 -5.71 0.00	49.53 -6.19 0.00	49.07 -5.38 0.00	52.14 -4.57 0.00
NIAGARA_115E_LBMP 323715	52.50 -5.25 0.00	86.69 -9.75 0.00	61.75 -6.52 0.00	54.03 -5.56 0.00	59.91 -6.00 0.00	61.92 -6.21 0.00	52.65 -5.99 0.00	45.77 -6.52 0.66	44.31 -6.12 0.01	41.86 -5.69 1.30	43.92 -5.85 3.17	46.73 -6.25 0.00	55.44 -7.42 0.00	47.45 -6.76 4.33	50.20 -6.95 1.89	64.71 -8.73 0.89	57.67 -7.38 0.00	62.06 -6.77 0.00	55.68 -6.34 0.00	46.88 -6.02 0.00	47.58 -5.83 0.00	49.39 -6.33 0.00	48.97 -5.47 0.00	51.77 -4.94 0.00
NIAGARA_115W_LBMP 323714	52.64 -5.12 0.00	86.86 -9.57 0.00	61.84 -6.44 0.00	54.14 -5.44 0.00	60.02 -5.89 0.00	62.03 -6.10 0.00	52.75 -5.89 0.00	45.79 -6.50 0.66	44.36 -6.07 0.01	41.83 -5.73 1.29	43.88 -5.91 3.15	46.80 -6.18 0.00	55.52 -7.34 0.00	47.40 -6.84 4.30	50.15 -7.01 1.87	64.62 -8.70 1.00	57.67 -7.38 0.00	62.07 -6.76 0.00	55.70 -6.32 0.00	46.88 -6.02 0.00	47.59 -5.81 0.00	49.43 -6.29 0.00	48.98 -5.46 0.00	52.06 -4.66 0.00
NIAGARA_230_LBMP 323716	53.11 -4.64 0.00	87.63 -8.81 0.00	62.38 -5.90 0.00	54.63 -4.95 0.00	60.55 -5.36 0.00	62.53 -5.61 0.00	53.24 -5.40 0.00	46.29 -6.03 0.62	44.78 -5.65 0.01	42.23 -5.40 1.23	44.38 -5.56 3.00	47.30 -5.68 0.00	56.13 -6.73 0.00	47.98 -6.46 4.10	50.72 -6.53 1.78	65.21 -8.04 1.08	58.25 -6.80 0.00	62.69 -6.15 0.00	56.27 -5.75 0.00	47.34 -5.55 0.00	48.03 -5.37 0.00	49.88 -5.84 0.00	49.37 -5.07 0.00	52.24 -4.47 0.00
NIAGARA___115KV_198_GIBSON 55903	52.63 -5.12 0.00	86.86 -9.58 0.00	61.85 -6.43 0.00	54.14 -5.44 0.00	60.02 -5.89 0.00	62.02 -6.11 0.00	52.75 -5.90 0.00	45.82 -6.47 0.66	44.35 -6.08 0.01	41.80 -5.76 1.29	43.82 -5.96 3.15	46.80 -6.18 0.00	55.53 -7.33 0.00	47.29 -6.95 4.30	50.12 -7.04 1.87	64.64 -8.68 1.00	57.68 -7.37 0.00	62.07 -6.77 0.00	55.70 -6.32 0.00	46.87 -6.03 0.00	47.59 -5.81 0.00	49.43 -6.29 0.00	48.99 -5.46 0.00	52.06 -4.65 0.00
NIAGARA___ 23760	53.11 -4.64 0.00	87.63 -8.81 0.00	62.38 -5.90 0.00	54.63 -4.95 0.00	60.55 -5.36 0.00	62.53 -5.61 0.00	53.24 -5.40 0.00	46.28 -6.03 0.63	44.78 -5.65 0.01	42.21 -5.40 1.24	44.35 -5.56 3.03	47.30 -5.68 0.00	56.13 -6.73 0.00	47.93 -6.46 4.14	50.70 -6.53 1.80	65.27 -8.04 1.02	58.25 -6.80 0.00	62.69 -6.15 0.00	56.27 -5.75 0.00	47.34 -5.55 0.00	48.03 -5.37 0.00	49.88 -5.84 0.00	49.37 -5.07 0.00	52.24 -4.47 0.00
NINE_MILE_1 23575	55.56 -2.19 0.00	92.53 -3.91 0.00	65.51 -2.77 0.00	57.14 -2.45 0.00	63.22 -2.69 0.00	65.39 -2.75 0.00	56.27 -2.37 0.00	50.73 -2.22 0.00	48.35 -2.09 0.00	46.80 -2.05 0.00	50.70 -2.24 0.00	50.75 -2.23 0.00	60.22 -2.64 0.00	56.06 -2.48 0.00	56.56 -2.48 0.00	71.31 -3.02 0.00	62.53 -2.52 0.00	66.42 -2.42 0.00	59.82 -2.20 0.00	50.82 -2.08 0.00	51.29 -2.11 0.00	53.42 -2.30 0.00	52.19 -2.25 0.00	54.40 -2.31 0.00
NINE_MILE_2 23744	55.57 -2.18 0.00	92.53 -3.91 0.00	65.52 -2.76 0.00	57.14 -2.45 0.00	63.22 -2.69 0.00	65.39 -2.74 0.00	56.27 -2.37 0.00	50.73 -2.22 0.00	48.36 -2.08 0.00	46.80 -2.05 0.00	50.70 -2.24 0.00	50.75 -2.23 0.00	60.22 -2.64 0.00	56.06 -2.48 0.00	56.56 -2.47 0.00	71.33 -3.00 0.00	62.54 -2.51 0.00	66.42 -2.42 0.00	59.82 -2.20 0.00	50.82 -2.08 0.00	51.29 -2.11 0.00	53.43 -2.29 0.00	52.20 -2.25 0.00	54.41 -2.31 0.00
NM_CAPITAL___DRP 24208	60.43 2.67 0.00	100.45 4.01 0.00	71.06 2.78 0.00	61.90 2.32 0.00	68.46 2.54 0.00	70.84 2.71 0.00	61.07 2.42 0.00	55.17 2.22 0.00	52.61 2.16 0.00	50.78 1.93 0.00	54.86 1.92 0.00	54.91 1.93 0.00	64.97 2.11 0.00	60.55 2.01 0.00	60.79 1.76 0.00	76.68 2.35 0.00	67.26 2.21 0.00	71.61 2.77 0.00	64.55 2.52 0.00	54.87 1.97 0.00	55.31 1.91 0.00	57.70 1.98 0.00	56.56 2.12 0.00	58.90 2.19 0.00

NM_CENTRAL___DRP 24181	56.63 -1.13 0.00	94.23 -2.21 0.00	66.70 -1.57 0.00	58.17 -1.41 0.00	64.40 -1.52 0.00	66.60 -1.53 0.00	57.31 -1.34 0.00	51.67 -1.28 0.00	49.25 -1.19 0.00	47.64 -1.21 0.00	51.62 -1.32 0.00	51.65 -1.33 0.00	61.34 -1.52 0.00	57.07 -1.47 0.00	57.62 -1.42 0.00	72.72 -1.61 0.00	63.81 -1.24 0.00	67.87 -0.96 0.00	61.13 -0.89 0.00	51.82 -1.08 0.00	52.30 -1.11 0.00	54.42 -1.30 0.00	53.14 -1.30 0.00	55.40 -1.31 0.00
NM_FRONTIER___DRP 24179	52.63 -5.12 0.00	86.86 -9.58 0.00	61.85 -6.43 0.00	54.14 -5.44 0.00	60.02 -5.89 0.00	62.02 -6.11 0.00	52.75 -5.90 0.00	45.82 -6.47 0.66	44.35 -6.08 0.01	41.80 -5.76 1.29	43.82 -5.96 3.15	46.80 -6.18 0.00	55.53 -7.33 0.00	47.29 -6.95 4.30	50.12 -7.04 1.87	64.64 -8.68 1.00	57.68 -7.37 0.00	62.07 -6.77 0.00	55.70 -6.32 0.00	46.87 -6.03 0.00	47.59 -5.81 0.00	49.43 -6.29 0.00	48.99 -5.46 0.00	52.06 -4.65 0.00
NM_ST_REGIS___HYD 24053	58.70 0.95 0.00	98.54 2.10 0.00	69.29 1.01 0.00	60.54 0.95 0.00	67.04 1.12 0.00	69.16 1.02 0.00	57.20 -1.45 0.00	51.32 -1.63 0.00	48.97 -1.47 0.00	47.51 -1.34 0.00	51.17 -1.76 0.00	52.10 -0.88 0.00	61.79 -1.08 0.00	58.06 -0.48 0.00	58.93 -0.10 0.00	74.10 -0.23 0.00	63.45 -1.60 0.00	66.86 -1.97 0.00	60.13 -1.90 0.00	51.09 -1.81 0.00	51.06 -2.35 0.00	53.31 -2.41 0.00	53.08 -1.37 0.00	56.60 -0.12 0.00
NORTHPORT___1 23551	63.00 5.25 0.00	104.04 7.60 0.00	73.93 5.65 0.00	64.22 4.63 0.00	70.88 4.97 0.00	73.86 5.73 0.00	63.54 4.89 0.00	57.63 4.68 0.00	54.96 4.52 0.00	52.79 3.94 0.00	56.74 3.81 0.00	55.72 2.74 0.00	66.18 3.32 0.00	62.31 3.77 0.00	63.00 3.96 0.00	93.19 5.99 -12.87	100.69 5.95 -29.69	83.59 6.83 -7.92	76.36 6.09 -8.25	125.79 4.87 -68.02	71.81 4.72 -13.69	60.78 4.65 -0.40	58.75 4.31 0.00	61.03 4.31 0.00
NORTHPORT___2 23552	63.00 5.25 0.00	104.04 7.60 0.00	73.93 5.65 0.00	64.22 4.63 0.00	70.88 4.97 0.00	73.86 5.73 0.00	63.54 4.89 0.00	57.63 4.68 0.00	54.96 4.52 0.00	52.79 3.94 0.00	56.74 3.81 0.00	55.72 2.74 0.00	66.18 3.32 0.00	62.31 3.77 0.00	63.00 3.96 0.00	93.19 5.99 -12.87	100.69 5.95 -29.69	83.59 6.83 -7.92	76.36 6.09 -8.25	125.79 4.87 -68.02	71.81 4.72 -13.69	60.78 4.65 -0.40	58.75 4.31 0.00	61.03 4.31 0.00
NORTHPORT___3 23553	62.49 4.74 0.00	103.12 6.69 0.00	73.19 4.91 0.00	63.57 3.99 0.00	70.19 4.28 0.00	73.08 4.95 0.00	62.90 4.26 0.00	57.01 4.06 0.00	54.40 3.96 0.00	52.38 3.53 0.00	56.33 3.39 0.00	55.40 2.42 0.00	65.74 2.87 0.00	61.85 3.31 0.00	62.43 3.39 0.00	92.46 5.26 -12.87	100.18 5.45 -29.69	83.10 6.34 -7.92	75.93 5.66 -8.25	125.36 4.44 -68.02	71.40 4.30 -13.69	60.31 4.19 -0.40	58.24 3.80 0.00	60.53 3.82 0.00
NORTHPORT___4 23650	62.49 4.74 0.00	103.12 6.69 0.00	73.19 4.91 0.00	63.57 3.99 0.00	70.19 4.28 0.00	73.08 4.95 0.00	62.90 4.26 0.00	57.01 4.06 0.00	54.40 3.96 0.00	52.38 3.53 0.00	56.33 3.39 0.00	55.40 2.42 0.00	65.74 2.87 0.00	61.85 3.31 0.00	62.43 3.39 0.00	92.46 5.26 -12.87	100.18 5.45 -29.69	83.10 6.34 -7.92	75.93 5.66 -8.25	125.36 4.44 -68.02	71.40 4.30 -13.69	60.31 4.19 -0.40	58.24 3.80 0.00	60.53 3.82 0.00
NORTHPORT___IC 23718	63.01 5.25 0.00	104.04 7.60 0.00	73.93 5.65 0.00	64.22 4.63 0.00	70.88 4.96 0.00	73.86 5.73 0.00	63.54 4.89 0.00	57.63 4.68 0.00	54.96 4.52 0.00	52.79 3.94 0.00	56.75 3.82 0.00	55.72 2.74 0.00	66.18 3.31 0.00	62.31 3.77 0.00	62.99 3.96 0.00	93.18 5.99 -12.87	100.69 5.95 -29.69	83.59 6.83 -7.92	76.36 6.08 -8.25	125.79 4.87 -68.02	71.82 4.72 -13.69	60.77 4.65 -0.40	58.74 4.30 0.00	61.02 4.31 0.00
NORTH___COUNTRY_ESR 323785	58.15 0.40 0.00	98.01 1.57 0.00	69.32 1.04 0.00	60.62 1.03 0.00	67.12 1.21 0.00	69.22 1.09 0.00	59.36 0.72 0.00	53.67 0.73 0.00	50.98 0.54 0.00	49.38 0.53 0.00	53.74 0.80 0.00	54.02 1.04 0.00	64.22 1.35 0.00	60.00 1.46 0.00	60.54 1.51 0.00	75.81 1.49 0.00	65.83 0.78 0.00	68.97 0.14 0.00	61.96 -0.07 0.00	53.07 0.17 0.00	53.44 0.04 0.00	56.19 0.47 0.00	55.31 0.87 0.00	57.60 0.89 0.00
NPX_GEN_1385_PROXY 323591	63.00 5.25 0.00	104.08 7.64 0.00	74.69 6.41 0.00	65.12 5.53 0.00	71.63 5.71 0.00	75.51 7.37 0.00	64.67 6.03 0.00	62.73 6.16 -3.63	82.91 5.89 -26.58	53.31 4.45 0.00	56.95 4.02 0.00	55.46 2.49 0.00	66.15 3.29 0.00	62.32 3.78 0.00	63.36 4.32 0.00	94.46 7.26 -12.87	101.31 6.57 -29.69	83.69 6.94 -7.92	76.24 5.97 -8.25	126.27 5.35 -68.02	72.12 5.02 -13.69	61.43 5.30 -0.40	59.99 5.55 0.00	62.11 5.40 0.00
NPX_GEN_CSC 323557	64.21 6.46 0.00	106.04 9.59 0.00	75.31 7.03 0.00	65.41 5.83 0.00	72.24 6.33 0.00	75.22 7.08 0.00	64.80 6.16 0.00	58.62 5.68 0.00	55.86 5.42 0.00	53.65 4.80 0.00	57.59 4.65 0.00	56.05 3.07 0.00	66.04 3.18 0.00	62.61 4.07 0.00	63.55 4.52 0.00	93.93 6.74 -12.87	102.03 7.29 -29.69	85.26 8.51 -7.92	77.83 7.56 -8.25	126.96 6.04 -68.02	72.96 5.86 -13.69	61.80 5.68 -0.40	59.52 5.07 0.00	61.76 5.05 0.00
NSINS_S___GLNS_FALLS 23858	61.17 3.41 0.00	101.58 5.14 0.00	71.90 3.62 0.00	62.68 3.10 0.00	69.31 3.40 0.00	71.51 3.37 0.00	61.75 3.11 0.00	55.92 2.98 0.00	53.21 2.77 0.00	51.24 2.38 0.00	55.20 2.26 0.00	55.14 2.16 0.00	65.46 2.60 0.00	61.27 2.73 0.00	61.95 2.91 0.00	78.36 4.04 0.00	68.92 3.87 0.00	73.29 4.46 0.00	66.21 4.19 0.00	56.14 3.24 0.00	56.50 3.10 0.00	58.67 2.95 0.00	57.01 2.57 0.00	59.20 2.48 0.00
NUCOR_STEEL___DRP 24197	57.37 -0.38 0.00	95.74 -0.70 0.00	67.83 -0.45 0.00	59.18 -0.40 0.00	65.26 -0.66 0.00	67.62 -0.51 0.00	58.34 -0.31 0.00	52.57 -0.38 0.00	50.11 -0.32 0.00	48.43 -0.42 0.00	52.29 -0.64 0.00	52.40 -0.58 0.00	62.31 -0.55 0.00	58.02 -0.52 0.00	58.60 -0.44 0.00	73.99 -0.34 0.00	65.02 -0.03 0.00	69.21 0.38 0.00	62.31 0.29 0.00	52.75 -0.15 0.00	53.22 -0.18 0.00	55.40 -0.32 0.00	53.89 -0.56 0.00	56.33 -0.39 0.00
NUMBER_THREE_WT_PWR 323818	58.63 0.87 0.00	97.75 1.32 0.00	68.48 0.21 0.00	59.63 0.05 0.00	65.86 -0.05 0.00	67.98 -0.16 0.00	57.57 -1.08 0.00	51.94 -1.00 0.00	49.70 -0.74 0.00	48.50 -0.35 0.00	52.66 -0.28 0.00	53.03 0.06 0.00	62.73 -0.14 0.00	58.67 0.12 0.00	59.31 0.27 0.00	74.80 0.47 0.00	65.37 0.32 0.00	68.96 0.12 0.00	62.09 0.06 0.00	52.24 -0.66 0.00	52.01 -1.40 0.00	53.95 -1.77 0.00	52.88 -1.56 0.00	55.42 -1.29 0.00
NYISO_LBMP_REFERENCE 24008	57.75 0.00 0.00	96.44 0.00 0.00	68.28 0.00 0.00	59.58 0.00 0.00	65.91 0.00 0.00	68.13 0.00 0.00	58.64 0.00 0.00	52.95 0.00 0.00	50.44 0.00 0.00	48.85 0.00 0.00	52.94 0.00 0.00	52.98 0.00 0.00	62.87 0.00 0.00	58.54 0.00 0.00	59.04 0.00 0.00	74.33 0.00 0.00	65.05 0.00 0.00	68.83 0.00 0.00	62.02 0.00 0.00	52.90 0.00 0.00	53.40 0.00 0.00	55.72 0.00 0.00	54.44 0.00 0.00	56.71 0.00 0.00

NYPA_BRENTWD____GT 24164	63.67 5.92 0.00	105.06 8.62 0.00	74.57 6.29 0.00	64.77 5.19 0.00	71.49 5.58 0.00	74.43 6.30 0.00	64.08 5.43 0.00	58.06 5.12 0.00	55.39 4.95 0.00	53.25 4.40 0.00	57.22 4.28 0.00	56.15 3.17 0.00	66.67 3.81 0.00	62.82 4.28 0.00	63.58 4.54 0.00	93.84 6.65 -12.87	101.21 6.47 -29.69	84.01 7.26 -7.92	76.91 6.64 -8.25	126.22 5.30 -68.02	72.41 5.31 -13.69	61.33 5.21 -0.40	59.18 4.74 0.00	61.47 4.75 0.00
NYPA_GOWANUS____GT5 24156	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
NYPA_GOWANUS____GT6 24157	62.01 4.25 0.00	102.39 5.95 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.43 3.51 0.00	72.04 3.90 0.00	62.04 3.40 0.00	56.12 3.17 0.00	53.80 3.37 0.00	52.02 3.17 0.00	55.96 3.02 0.00	55.69 2.71 0.00	65.99 3.13 0.00	61.55 3.01 0.00	62.02 2.99 0.00	73.40 3.82 4.76	57.55 3.79 11.29	72.66 4.66 0.84	64.44 4.12 1.71	56.10 3.20 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.58 2.87 0.00
NYPA_HARLEM_RVR__GT1 24160	61.71 3.95 0.00	102.02 5.57 0.00	72.17 3.89 0.00	62.53 2.95 0.00	69.14 3.23 0.00	71.75 3.62 0.00	61.84 3.20 0.00	55.95 3.00 0.00	53.60 3.16 0.00	51.81 2.96 0.00	55.75 2.82 0.00	55.49 2.51 0.00	65.81 2.95 0.00	61.43 2.88 0.00	62.02 2.98 0.00	78.00 3.69 0.02	68.66 3.62 0.00	73.40 4.56 0.00	66.01 3.99 0.00	56.04 3.14 0.00	56.43 3.03 0.00	58.50 2.78 0.00	56.98 2.53 0.00	59.44 2.73 0.00
NYPA_HARLEM_RVR__GT2 24161	61.71 3.95 0.00	102.02 5.57 0.00	72.17 3.89 0.00	62.53 2.95 0.00	69.14 3.23 0.00	71.75 3.62 0.00	61.84 3.20 0.00	55.95 3.00 0.00	53.60 3.16 0.00	51.81 2.96 0.00	55.75 2.82 0.00	55.49 2.51 0.00	65.81 2.95 0.00	61.43 2.88 0.00	62.02 2.98 0.00	78.00 3.69 0.02	68.66 3.62 0.00	73.40 4.56 0.00	66.01 3.99 0.00	56.04 3.14 0.00	56.43 3.03 0.00	58.50 2.78 0.00	56.98 2.53 0.00	59.44 2.73 0.00
NYPA_KENT____GT 24152	61.98 4.23 0.00	102.37 5.93 0.00	72.33 4.06 0.00	62.72 3.14 0.00	69.41 3.50 0.00	72.02 3.89 0.00	62.02 3.37 0.00	56.10 3.15 0.00	53.78 3.35 0.00	52.01 3.16 0.00	55.94 3.00 0.00	55.68 2.70 0.00	65.98 3.11 0.00	61.55 3.01 0.00	62.03 2.99 0.00	78.13 3.82 0.02	68.80 3.75 0.00	73.45 4.61 0.00	66.12 4.09 0.00	56.05 3.16 0.00	56.45 3.04 0.00	58.61 2.89 0.00	57.09 2.65 0.00	59.59 2.88 0.00
NYPA_POUCH1____GT 24155	61.98 4.23 0.00	102.27 5.83 0.00	72.21 3.94 0.00	62.64 3.06 0.00	69.36 3.45 0.00	71.98 3.85 0.00	62.01 3.37 0.00	56.07 3.12 0.00	53.74 3.30 0.00	51.94 3.09 0.00	55.86 2.92 0.00	55.57 2.59 0.00	65.76 2.96 0.06	58.48 2.84 2.90	56.04 2.80 5.79	69.12 3.58 8.78	59.10 3.59 9.55	73.30 4.47 0.00	65.97 3.94 0.00	55.97 3.07 0.00	56.31 2.90 0.00	58.48 2.76 0.00	56.97 2.52 0.00	59.48 2.77 0.00
NYPA_VERNON____GT2 24162	61.92 4.16 0.00	102.35 5.91 0.00	72.28 4.00 0.00	62.69 3.11 0.00	69.35 3.44 0.00	71.95 3.81 0.00	61.98 3.34 0.00	56.10 3.15 0.00	53.76 3.33 0.00	51.98 3.13 0.00	55.88 2.94 0.00	55.62 2.64 0.00	65.95 3.08 0.00	61.51 2.97 0.00	62.04 3.01 0.00	78.15 3.84 0.02	68.79 3.73 0.00	73.42 4.59 0.00	66.11 4.09 0.00	56.04 3.14 0.00	56.41 3.00 0.00	58.58 2.86 0.00	57.06 2.62 0.00	59.56 2.84 0.00
NYPA_VERNON____GT3 24163	61.92 4.16 0.00	102.35 5.91 0.00	72.28 4.00 0.00	62.69 3.11 0.00	69.35 3.44 0.00	71.95 3.81 0.00	61.98 3.34 0.00	56.10 3.15 0.00	53.76 3.33 0.00	51.98 3.13 0.00	55.88 2.94 0.00	55.62 2.64 0.00	65.95 3.08 0.00	61.51 2.97 0.00	62.04 3.01 0.00	78.15 3.84 0.02	68.79 3.73 0.00	73.42 4.59 0.00	66.11 4.09 0.00	56.04 3.14 0.00	56.41 3.00 0.00	58.58 2.86 0.00	57.06 2.62 0.00	59.56 2.84 0.00
NYPA____ASTORIA_CC1 323568	61.81 4.05 0.00	102.14 5.70 0.00	72.17 3.89 0.00	62.58 2.99 0.00	69.23 3.31 0.00	71.83 3.69 0.00	61.89 3.25 0.00	56.02 3.08 0.00	53.69 3.25 0.00	51.91 3.05 0.00	55.78 2.84 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.41 2.87 0.00	61.93 2.90 0.00	78.01 3.70 0.02	68.68 3.63 0.00	73.30 4.47 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.50 2.78 0.00	56.97 2.52 0.00	59.46 2.75 0.00
NYPA____ASTORIA_CC2 323569	61.83 4.08 0.00	102.18 5.74 0.00	72.19 3.92 0.00	62.61 3.02 0.00	69.26 3.34 0.00	71.84 3.70 0.00	61.92 3.27 0.00	56.04 3.09 0.00	53.70 3.26 0.00	51.92 3.07 0.00	55.78 2.85 0.00	55.51 2.53 0.00	65.82 2.96 0.00	61.41 2.87 0.00	61.93 2.90 0.00	78.01 3.70 0.02	68.68 3.63 0.00	73.30 4.47 0.00	66.01 3.98 0.00	55.95 3.05 0.00	56.32 2.92 0.00	58.50 2.78 0.00	56.97 2.52 0.00	59.48 2.77 0.00
NYPA____HOLTSVILL 23794	63.39 5.65 0.00	104.68 8.24 0.00	74.31 6.04 0.00	64.53 4.95 0.00	71.25 5.34 0.00	74.17 6.03 0.00	63.86 5.22 0.00	57.82 4.88 0.00	55.13 4.69 0.00	52.97 4.12 0.00	56.88 3.94 0.00	55.76 2.78 0.00	66.07 3.21 0.00	62.30 3.76 0.00	63.11 4.07 0.00	93.21 6.01 -12.87	100.94 6.20 -29.69	83.97 7.21 -7.92	76.71 6.43 -8.25	126.01 5.09 -68.02	72.03 4.94 -13.69	60.94 4.82 -0.40	58.77 4.33 0.00	61.05 4.33 0.00
NYPA____HELLGATE_GT1 24158	61.71 3.95 0.00	102.02 5.57 0.00	72.17 3.89 0.00	62.53 2.95 0.00	69.14 3.23 0.00	71.75 3.62 0.00	61.84 3.20 0.00	55.95 3.00 0.00	53.60 3.16 0.00	51.81 2.96 0.00	55.75 2.82 0.00	55.49 2.51 0.00	65.81 2.95 0.00	61.43 2.88 0.00	62.02 2.98 0.00	78.00 3.69 0.02	68.69 3.64 0.00	73.41 4.58 0.00	66.01 3.99 0.00	56.04 3.14 0.00	56.43 3.03 0.00	58.50 2.78 0.00	56.98 2.53 0.00	59.44 2.73 0.00
NYPA____HELLGATE_GT2 24159	61.71 3.95 0.00	102.02 5.57 0.00	72.17 3.89 0.00	62.53 2.95 0.00	69.14 3.23 0.00	71.75 3.62 0.00	61.84 3.20 0.00	55.95 3.00 0.00	53.60 3.16 0.00	51.81 2.96 0.00	55.75 2.82 0.00	55.49 2.51 0.00	65.81 2.95 0.00	61.43 2.88 0.00	62.02 2.98 0.00	78.00 3.69 0.02	68.69 3.64 0.00	73.41 4.58 0.00	66.01 3.99 0.00	56.04 3.14 0.00	56.43 3.03 0.00	58.50 2.78 0.00	56.98 2.53 0.00	59.44 2.73 0.00
NYS_BARGE____HYD 23848	53.23 -4.52 0.00	87.99 -8.44 0.00	62.71 -5.57 0.00	54.88 -4.70 0.00	60.84 -5.07 0.00	62.86 -5.27 0.00	53.52 -5.12 0.00	46.63 -5.72 0.61	45.09 -5.34 0.00	42.67 -4.99 1.20	44.93 -5.09 2.92	47.57 -5.40 0.00	56.49 -6.37 0.00	48.68 -5.89 3.97	51.27 -6.03 1.74	66.11 -7.48 0.74	58.81 -6.24 0.00	63.28 -5.56 0.00	56.78 -5.24 0.00	47.78 -5.11 0.00	48.47 -4.93 0.00	50.32 -5.40 0.00	49.78 -4.67 0.00	52.59 -4.12 0.00

OAK ORCHARD___HYD 24046	55.52 -2.24 0.00	91.99 -4.44 0.00	65.28 -2.99 0.00	57.05 -2.53 0.00	63.18 -2.73 0.00	65.34 -2.80 0.00	55.98 -2.66 0.00	49.92 -3.03 0.00	47.63 -2.81 0.00	46.13 -2.72 0.00	50.15 -2.79 0.00	50.17 -2.81 0.00	59.62 -3.24 0.00	55.37 -3.17 0.00	55.90 -3.13 0.00	70.67 -3.69 -0.04	62.10 -2.95 0.00	66.47 -2.36 0.00	59.73 -2.29 0.00	50.41 -2.49 0.00	50.97 -2.43 0.00	52.94 -2.78 0.00	51.97 -2.48 0.00	54.47 -2.24 0.00
OAKDALE___35_KV_LOAD 356122	57.45 -0.30 0.00	95.48 -0.95 0.00	67.59 -0.69 0.00	58.87 -0.72 0.00	65.19 -0.72 0.00	67.38 -0.75 0.00	57.97 -0.68 0.00	52.38 -0.68 -0.11	49.76 -0.68 0.00	48.38 -0.69 -0.22	52.83 -0.65 -0.55	52.24 -0.74 0.00	62.07 -0.79 0.00	58.42 -0.85 -0.73	58.64 -0.72 -0.32	73.50 -0.68 0.15	64.60 -0.45 0.00	68.84 0.01 0.00	62.11 0.08 0.00	52.40 -0.50 0.00	52.94 -0.46 0.00	55.12 -0.60 0.00	53.84 -0.60 0.00	56.18 -0.53 0.00
OCC_CHEM___DRP 24175	52.73 -5.03 0.00	87.01 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.84 -5.80 0.00	45.90 -6.38 0.66	44.44 -6.00 0.01	41.87 -5.68 1.30	43.90 -5.87 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.35 -6.87 4.33	50.22 -6.93 1.88	64.80 -8.54 0.99	57.80 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.97 -5.93 0.00	47.69 -5.71 0.00	49.54 -6.18 0.00	49.08 -5.36 0.00	52.15 -4.56 0.00
OH_GEN_PROXY 24063	53.19 -4.56 0.00	87.80 -8.64 0.00	62.49 -5.79 0.00	54.71 -4.88 0.00	60.64 -5.27 0.00	62.61 -5.52 0.00	53.34 -5.30 0.00	46.50 -5.88 0.56	44.92 -5.51 0.00	42.47 -5.27 1.11	44.81 -5.42 2.71	47.45 -5.53 0.00	56.34 -6.52 0.00	48.55 -6.30 3.69	51.09 -6.34 1.61	65.74 -7.78 0.81	58.47 -6.57 0.00	62.88 -5.96 0.00	56.46 -5.57 0.00	47.47 -5.43 0.00	48.16 -5.24 0.00	50.04 -5.68 0.00	49.49 -4.96 0.00	52.32 -4.40 0.00
OLIN_CORP_DRP 24177	52.61 -5.14 0.00	86.90 -9.54 0.00	61.91 -6.37 0.00	54.16 -5.42 0.00	60.06 -5.86 0.00	62.05 -6.08 0.00	52.80 -5.85 0.00	45.91 -6.36 0.67	44.43 -6.01 0.01	41.92 -5.61 1.32	43.94 -5.77 3.23	46.85 -6.13 0.00	55.60 -7.26 0.00	47.50 -6.64 4.40	50.28 -6.83 1.92	64.87 -8.55 0.90	57.83 -7.22 0.00	62.24 -6.60 0.00	55.84 -6.19 0.00	47.00 -5.90 0.00	47.70 -5.70 0.00	49.55 -6.17 0.00	49.11 -5.33 0.00	51.90 -4.81 0.00
OLIN_CORP_DSASP 323712	52.73 -5.02 0.00	87.02 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.85 -5.79 0.00	45.87 -6.42 0.66	44.44 -5.99 0.01	41.90 -5.66 1.30	43.94 -5.83 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.47 -6.75 4.33	50.24 -6.91 1.88	64.78 -8.56 0.99	57.79 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.98 -5.92 0.00	47.69 -5.71 0.00	49.53 -6.19 0.00	49.07 -5.38 0.00	52.14 -4.57 0.00
ONEIDA_HERK_LFGE 323681	59.11 1.36 0.00	98.56 2.12 0.00	69.47 1.20 0.00	60.54 0.96 0.00	66.94 1.03 0.00	69.21 1.08 0.00	59.21 0.57 0.00	53.46 0.52 0.00	51.07 0.63 0.00	49.54 0.69 0.00	53.60 0.67 0.00	53.86 0.88 0.00	63.75 0.89 0.00	59.55 1.01 0.00	60.17 1.14 0.00	75.90 1.58 0.00	66.47 1.43 0.00	70.36 1.52 0.00	63.37 1.35 0.00	53.65 0.75 0.00	53.83 0.43 0.00	55.93 0.21 0.00	54.66 0.22 0.00	57.04 0.32 0.00
ONEIDA___115KV_TB4 55905	59.18 1.43 0.00	98.65 2.22 0.00	69.80 1.52 0.00	60.84 1.26 0.00	67.38 1.47 0.00	69.73 1.60 0.00	59.95 1.31 0.00	54.14 1.19 0.00	51.63 1.19 0.00	49.91 1.06 0.00	53.88 0.95 0.00	54.13 1.15 0.00	64.13 1.27 0.00	59.89 1.35 0.00	60.51 1.48 0.00	76.42 2.09 0.00	67.03 1.98 0.00	70.99 2.16 0.00	63.89 1.87 0.00	54.18 1.28 0.00	54.61 1.20 0.00	56.74 1.02 0.00	55.36 0.92 0.00	57.68 0.97 0.00
ONONDAGA_REF_OCCRA 23987	57.10 -0.66 0.00	95.00 -1.44 0.00	67.26 -1.02 0.00	58.65 -0.93 0.00	64.90 -1.01 0.00	67.14 -0.99 0.00	57.78 -0.87 0.00	52.10 -0.85 0.00	49.66 -0.78 0.00	48.04 -0.81 0.00	52.05 -0.89 0.00	52.07 -0.90 0.00	61.84 -1.02 0.00	57.56 -0.98 0.00	58.12 -0.92 0.00	73.38 -0.95 0.00	64.39 -0.66 0.00	68.52 -0.32 0.00	61.72 -0.31 0.00	52.29 -0.61 0.00	52.77 -0.63 0.00	54.91 -0.81 0.00	53.60 -0.84 0.00	55.86 -0.85 0.00
ONONDAGA___COGEN 23986	57.00 -0.75 0.00	94.89 -1.55 0.00	67.18 -1.09 0.00	58.59 -0.99 0.00	64.82 -1.09 0.00	67.07 -1.06 0.00	57.74 -0.90 0.00	52.06 -0.89 0.00	49.63 -0.81 0.00	48.00 -0.85 0.00	52.00 -0.93 0.00	52.03 -0.94 0.00	61.80 -1.07 0.00	57.50 -1.04 0.00	58.05 -0.99 0.00	73.27 -1.06 0.00	64.32 -0.73 0.00	68.42 -0.41 0.00	61.62 -0.40 0.00	52.24 -0.66 0.00	52.71 -0.69 0.00	54.85 -0.86 0.00	53.54 -0.90 0.00	55.81 -0.90 0.00
ONTARIO___LFGE 23819	56.58 -1.17 0.00	93.81 -2.63 0.00	66.62 -1.66 0.00	58.06 -1.53 0.00	64.33 -1.58 0.00	66.52 -1.62 0.00	57.17 -1.47 0.00	51.86 -1.54 -0.45	48.99 -1.45 0.00	48.25 -1.47 -0.88	53.63 -1.45 -2.15	51.42 -1.56 0.00	61.24 -1.62 0.00	59.78 -1.66 -2.90	58.84 -1.47 -1.27	72.75 -1.56 0.02	64.00 -1.05 0.00	68.47 -0.36 0.00	61.74 -0.29 0.00	51.92 -0.98 0.00	52.45 -0.96 0.00	54.49 -1.23 0.00	53.23 -1.21 0.00	55.58 -1.14 0.00
ORANGEVILLE_WT_PWR 323706	53.19 -4.56 0.00	87.85 -8.58 0.00	62.48 -5.80 0.00	54.63 -4.95 0.00	60.67 -5.25 0.00	62.63 -5.51 0.00	53.55 -5.09 0.00	44.86 -5.42 2.67	45.26 -5.16 0.02	38.73 -4.88 5.24	35.13 -5.00 12.81	48.06 -4.92 0.00	57.28 -5.58 0.00	35.75 -5.46 17.33	45.90 -5.54 7.60	66.92 -6.59 0.81	59.62 -5.43 0.00	64.23 -4.60 0.00	57.79 -4.23 0.00	48.54 -4.36 0.00	49.17 -4.24 0.00	51.10 -4.63 0.00	50.28 -4.16 0.00	52.93 -3.79 0.00
ORANGEVILLE___ESR 323794	53.19 -4.56 0.00	87.85 -8.58 0.00	62.48 -5.80 0.00	54.63 -4.95 0.00	60.67 -5.25 0.00	62.63 -5.51 0.00	53.55 -5.09 0.00	44.86 -5.42 2.67	45.26 -5.16 0.02	38.73 -4.88 5.24	35.13 -5.00 12.81	48.06 -4.92 0.00	57.28 -5.58 0.00	35.75 -5.46 17.33	45.90 -5.54 7.60	66.92 -6.59 0.81	59.62 -5.43 0.00	64.23 -4.60 0.00	57.79 -4.23 0.00	48.54 -4.36 0.00	49.17 -4.24 0.00	51.10 -4.63 0.00	50.28 -4.16 0.00	52.93 -3.79 0.00
OSWEGATCHIE___HYD 24044	58.22 0.47 0.00	97.35 0.91 0.00	68.26 -0.01 0.00	59.53 -0.06 0.00	65.85 -0.06 0.00	67.98 -0.15 0.00	56.52 -2.13 0.00	50.77 -2.18 0.00	48.58 -1.86 0.00	47.29 -1.57 0.00	51.07 -1.86 0.00	51.83 -1.15 0.00	61.37 -1.49 0.00	57.55 -0.99 0.00	58.32 -0.72 0.00	73.52 -0.80 0.00	63.45 -1.60 0.00	66.98 -1.85 0.00	60.27 -1.76 0.00	50.89 -2.01 0.00	50.72 -2.68 0.00	52.72 -3.00 0.00	52.19 -2.25 0.00	55.39 -1.32 0.00
OSWEGO___5 23606	55.98 -1.77 0.00	93.26 -3.17 0.00	66.02 -2.26 0.00	57.58 -2.00 0.00	63.73 -2.18 0.00	65.90 -2.24 0.00	56.71 -1.93 0.00	51.12 -1.83 0.00	48.73 -1.71 0.00	47.16 -1.70 0.00	51.09 -1.84 0.00	51.12 -1.86 0.00	60.70 -2.17 0.00	56.49 -2.05 0.00	57.00 -2.03 0.00	71.89 -2.44 0.00	63.04 -2.01 0.00	66.97 -1.87 0.00	60.33 -1.70 0.00	51.22 -1.68 0.00	51.69 -1.72 0.00	53.84 -1.88 0.00	52.60 -1.85 0.00	54.85 -1.87 0.00

OSWEGO___6 23613	55.98 -1.77 0.00	93.26 -3.17 0.00	66.02 -2.26 0.00	57.58 -2.00 0.00	63.73 -2.18 0.00	65.90 -2.24 0.00	56.71 -1.93 0.00	51.12 -1.83 0.00	48.73 -1.71 0.00	47.16 -1.70 0.00	51.09 -1.84 0.00	51.12 -1.86 0.00	60.70 -2.17 0.00	56.49 -2.05 0.00	57.00 -2.03 0.00	71.89 -2.44 0.00	63.04 -2.01 0.00	66.97 -1.87 0.00	60.33 -1.70 0.00	51.22 -1.68 0.00	51.69 -1.72 0.00	53.84 -1.88 0.00	52.60 -1.85 0.00	54.85 -1.87 0.00
OUTOKUMPU-AB___DRP 24206	53.84 -3.91 0.00	88.85 -7.58 0.00	63.25 -5.02 0.00	55.37 -4.22 0.00	61.37 -4.55 0.00	63.40 -4.73 0.00	54.00 -4.64 0.00	46.96 -5.28 0.70	45.49 -4.94 0.01	42.83 -4.63 1.39	44.82 -4.73 3.38	48.06 -4.92 0.00	57.07 -5.79 0.00	48.47 -5.46 4.61	51.48 -5.54 2.01	66.70 -6.75 0.88	59.38 -5.67 0.00	63.91 -4.92 0.00	57.38 -4.65 0.00	48.25 -4.65 0.00	48.96 -4.44 0.00	50.83 -4.89 0.00	50.27 -4.17 0.00	53.18 -3.54 0.00
OXBOW___BTM 323836	53.41 -4.34 0.00	88.12 -8.32 0.00	62.71 -5.57 0.00	54.92 -4.67 0.00	60.88 -5.03 0.00	62.89 -5.25 0.00	53.53 -5.11 0.00	46.51 -5.75 0.68	45.08 -5.36 0.01	42.47 -5.04 1.34	44.51 -5.14 3.28	47.59 -5.39 0.00	56.50 -6.37 0.00	48.12 -5.95 4.47	50.99 -6.10 1.95	65.90 -7.49 0.94	58.73 -6.31 0.00	63.22 -5.61 0.00	56.75 -5.27 0.00	47.75 -5.15 0.00	48.45 -4.95 0.00	50.30 -5.42 0.00	49.79 -4.65 0.00	52.77 -3.94 0.00
OXBOW____ 24026	53.41 -4.34 0.00	88.11 -8.33 0.00	62.73 -5.55 0.00	54.92 -4.66 0.00	60.87 -5.04 0.00	62.88 -5.26 0.00	53.54 -5.10 0.00	46.54 -5.73 0.68	45.08 -5.36 0.01	42.46 -5.05 1.34	44.47 -5.19 3.28	47.59 -5.39 0.00	56.50 -6.37 0.00	48.04 -6.03 4.47	50.98 -6.10 1.95	65.92 -7.47 0.94	58.74 -6.31 0.00	63.23 -5.61 0.00	56.76 -5.27 0.00	47.74 -5.16 0.00	48.45 -4.96 0.00	50.31 -5.41 0.00	49.80 -4.65 0.00	52.78 -3.93 0.00
OXY_CHEM_DSASP 323612	52.73 -5.03 0.00	87.01 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.84 -5.80 0.00	45.90 -6.38 0.66	44.44 -6.00 0.01	41.87 -5.68 1.30	43.90 -5.87 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.35 -6.87 4.33	50.22 -6.93 1.88	64.80 -8.54 0.99	57.80 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.97 -5.93 0.00	47.69 -5.71 0.00	49.54 -6.18 0.00	49.08 -5.36 0.00	52.15 -4.56 0.00
OZONE_PARK_ESR 323760	62.44 4.69 0.00	103.19 6.75 0.00	72.82 4.55 0.00	63.17 3.58 0.00	69.84 3.93 0.00	72.44 4.31 0.00	62.42 3.78 0.00	56.46 3.51 0.00	54.13 3.69 0.00	52.35 3.50 0.00	56.34 3.41 0.00	56.07 3.09 0.00	66.49 3.62 0.00	62.05 3.51 0.00	62.58 3.55 0.00	78.90 4.60 0.02	69.52 4.47 0.00	74.18 5.34 0.00	66.81 4.79 0.00	56.56 3.66 0.00	56.90 3.49 0.00	59.09 3.37 0.00	57.54 3.10 0.00	60.02 3.31 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	52.73 -5.03 0.00	87.01 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.84 -5.80 0.00	45.90 -6.38 0.66	44.44 -6.00 0.01	41.87 -5.68 1.30	43.90 -5.87 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.35 -6.87 4.33	50.22 -6.93 1.88	64.80 -8.54 0.99	57.80 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.97 -5.93 0.00	47.69 -5.71 0.00	49.54 -6.18 0.00	49.08 -5.36 0.00	52.15 -4.56 0.00
PACKARD___115KV_DUPONT_184 80571	52.73 -5.03 0.00	87.01 -9.42 0.00	61.96 -6.31 0.00	54.26 -5.33 0.00	60.14 -5.77 0.00	62.12 -6.01 0.00	52.84 -5.80 0.00	45.90 -6.38 0.66	44.44 -6.00 0.01	41.87 -5.68 1.30	43.90 -5.87 3.17	46.90 -6.07 0.00	55.64 -7.22 0.00	47.35 -6.87 4.33	50.22 -6.93 1.88	64.80 -8.54 0.99	57.80 -7.25 0.00	62.20 -6.63 0.00	55.83 -6.20 0.00	46.97 -5.93 0.00	47.69 -5.71 0.00	49.54 -6.18 0.00	49.08 -5.36 0.00	52.15 -4.56 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	61.74 3.99 0.00	102.11 5.68 0.00	72.22 3.94 0.00	62.60 3.01 0.00	69.24 3.33 0.00	71.84 3.70 0.00	61.91 3.26 0.00	56.00 3.05 0.00	53.64 3.21 0.00	51.86 3.01 0.00	55.84 2.90 0.00	55.55 2.57 0.00	65.87 3.01 0.00	61.50 2.95 0.00	62.05 3.02 0.00	78.10 3.79 0.02	68.83 3.77 0.00	73.54 4.71 0.00	66.15 4.12 0.00	56.15 3.25 0.00	56.49 3.08 0.00	58.57 2.84 0.00	57.04 2.60 0.00	59.51 2.79 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	62.07 4.32 0.00	102.65 6.21 0.00	72.62 4.34 0.00	62.96 3.37 0.00	69.66 3.75 0.00	72.29 4.16 0.00	62.28 3.64 0.00	56.32 3.37 0.00	53.98 3.54 0.00	52.17 3.32 0.00	56.18 3.24 0.00	55.87 2.89 0.00	66.25 3.39 0.00	61.81 3.27 0.00	62.41 3.38 0.00	78.61 4.30 0.02	69.25 4.20 0.00	74.04 5.21 0.00	66.57 4.55 0.00	56.47 3.57 0.00	56.82 3.42 0.00	58.84 3.12 0.00	57.30 2.86 0.00	59.80 3.08 0.00
PATROON___115KV_TB1 80586	60.46 2.71 0.00	100.53 4.10 0.00	71.11 2.83 0.00	61.96 2.37 0.00	68.52 2.61 0.00	70.91 2.78 0.00	61.14 2.49 0.00	55.25 2.30 0.00	52.68 2.24 0.00	50.84 1.99 0.00	54.92 1.99 0.00	55.01 2.03 0.00	65.10 2.24 0.00	60.64 2.10 0.00	60.85 1.82 0.00	76.76 2.43 0.00	67.37 2.32 0.00	71.73 2.90 0.00	64.61 2.59 0.00	54.93 2.04 0.00	55.36 1.96 0.00	57.77 2.05 0.00	56.63 2.19 0.00	58.97 2.26 0.00
PATTRSNVILLE___SOLAR 323815	60.13 2.38 0.00	100.07 3.64 0.00	70.81 2.53 0.00	61.73 2.14 0.00	68.28 2.37 0.00	70.64 2.51 0.00	60.87 2.23 0.00	54.96 2.01 0.00	52.26 1.82 0.00	50.35 1.50 0.00	54.27 1.34 0.00	54.37 1.40 0.00	64.73 1.87 0.00	60.25 1.72 0.00	60.91 1.87 0.00	77.04 2.72 0.00	67.73 2.68 0.00	71.98 3.15 0.00	64.86 2.84 0.00	55.13 2.23 0.00	55.57 2.17 0.00	57.80 2.07 0.00	56.35 1.91 0.00	58.68 1.97 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	54.93 -2.82 0.00	90.65 -5.78 0.00	64.37 -3.91 0.00	56.40 -3.19 0.00	62.51 -3.40 0.00	64.51 -3.63 0.00	55.05 -3.60 0.00	47.96 -4.25 0.74	46.40 -4.04 0.01	43.64 -3.76 1.45	45.69 -3.71 3.54	49.22 -3.76 0.00	58.57 -4.30 0.00	49.57 -4.16 4.82	52.79 -4.15 2.10	68.39 -5.10 0.84	60.73 -4.31 0.00	65.29 -3.55 0.00	58.67 -3.36 0.00	49.27 -3.63 0.00	49.97 -3.43 0.00	51.93 -3.79 0.00	51.28 -3.17 0.00	54.00 -2.71 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	62.39 4.63 0.00	103.32 6.87 0.00	72.99 4.71 0.00	63.40 3.81 0.00	70.16 4.25 0.00	72.74 4.61 0.00	62.70 4.06 0.00	56.69 3.74 0.00	54.24 3.80 0.00	52.45 3.61 0.00	56.50 3.56 0.00	56.18 3.20 0.00	66.57 3.71 0.00	62.11 3.56 0.00	62.70 3.66 0.00	79.12 4.81 0.02	69.74 4.69 0.00	74.50 5.67 0.00	67.07 5.05 0.00	56.82 3.92 0.00	57.16 3.76 0.00	59.30 3.58 0.00	57.72 3.28 0.00	60.18 3.47 0.00
PEEKSKILL____ 23653	61.29 3.54 0.00	101.54 5.10 0.00	71.73 3.46 0.00	62.29 2.71 0.00	68.93 3.02 0.00	71.49 3.35 0.00	61.57 2.93 0.00	55.66 2.71 0.00	53.25 2.81 0.00	51.44 2.59 0.00	55.40 2.46 0.00	55.16 2.18 0.00	65.38 2.51 0.00	61.01 2.47 0.00	61.58 2.55 0.00	77.67 3.37 0.02	68.40 3.35 0.00	73.05 4.22 0.00	65.78 3.75 0.00	55.71 2.81 0.00	56.05 2.64 0.00	58.21 2.49 0.00	56.70 2.26 0.00	59.18 2.47 0.00

PGE MADISON___WINDPWR 24146	61.85 4.10 0.00	102.41 5.97 0.00	72.53 4.26 0.00	62.97 3.39 0.00	69.48 3.57 0.00	71.68 3.55 0.00	62.04 3.39 0.00	56.08 3.13 0.00	53.60 3.17 0.00	51.67 2.82 0.00	55.67 2.74 0.00	55.67 2.69 0.00	66.09 3.23 0.00	61.85 3.32 0.00	62.66 3.62 0.00	79.09 4.84 0.08	69.81 4.76 0.00	74.33 5.49 0.00	66.81 4.79 0.00	56.44 3.54 0.00	56.83 3.42 0.00	58.75 3.03 0.00	57.10 2.66 0.00	59.49 2.78 0.00
PIERCEFIELD___HYD 23852	58.48 0.73 0.00	98.03 1.60 0.00	68.83 0.55 0.00	60.13 0.54 0.00	66.56 0.65 0.00	68.68 0.54 0.00	56.29 -2.35 0.00	50.40 -2.55 0.00	48.13 -2.31 0.00	46.72 -2.13 0.00	50.19 -2.75 0.00	51.27 -1.71 0.00	60.76 -2.10 0.00	57.19 -1.35 0.00	58.15 -0.89 0.00	73.18 -1.14 0.00	62.47 -2.58 0.00	65.93 -2.90 0.00	59.31 -2.71 0.00	50.29 -2.62 0.00	50.17 -3.24 0.00	52.27 -3.45 0.00	52.18 -2.26 0.00	56.02 -0.70 0.00
PINELAWN_CC_1 323563	63.11 5.36 0.00	104.15 7.71 0.00	73.86 5.58 0.00	64.12 4.53 0.00	70.81 4.90 0.00	73.68 5.54 0.00	63.44 4.80 0.00	57.49 4.55 0.00	54.84 4.40 0.00	52.79 3.94 0.00	56.75 3.81 0.00	55.77 2.79 0.00	66.21 3.35 0.00	62.41 3.87 0.00	63.08 4.05 0.00	93.12 5.92 -12.87	100.65 5.92 -29.69	83.66 6.90 -7.92	76.42 6.15 -8.25	125.78 4.86 -68.02	71.82 4.73 -13.69	60.74 4.62 -0.40	58.59 4.15 0.00	60.87 4.16 0.00
PJM_GEN_HTP_PROXY 323702	61.82 4.07 0.00	102.22 5.79 0.00	72.16 3.89 0.00	62.61 3.02 0.00	69.25 3.34 0.00	71.82 3.69 0.00	61.88 3.24 0.00	55.98 3.03 0.00	53.63 3.19 0.00	51.84 2.99 0.00	55.79 2.85 0.00	55.54 2.56 0.00	65.83 2.97 0.00	61.43 2.89 0.00	61.96 2.93 0.00	78.10 3.79 0.02	68.80 3.75 0.00	73.41 4.58 0.00	66.10 4.08 0.00	55.96 3.06 0.00	56.32 2.91 0.00	58.50 2.78 0.00	56.98 2.54 0.00	59.45 2.74 0.00
PJM_GEN_KEystone 24065	40.08 -0.12 17.56	82.25 -0.93 13.26	67.60 -0.68 0.00	58.86 -0.73 0.00	65.21 -0.70 0.00	67.47 -0.67 0.00	57.86 -0.78 0.00	51.75 -1.04 0.15	49.58 -0.86 0.00	47.66 -0.91 0.29	51.28 -0.95 0.70	51.87 -1.12 0.00	61.63 -1.24 0.00	56.40 -1.18 0.96	57.50 -1.12 0.42	72.76 -1.29 0.28	64.15 -0.90 0.00	69.22 -0.24 -0.63	65.93 -0.27 -4.17	42.81 -0.82 9.27	52.51 -0.89 0.00	54.64 -1.08 0.00	53.53 -0.91 0.00	56.09 -0.62 0.00
PJM_GEN_NEPTUNE_PROXY 323594	62.25 4.50 0.00	102.79 6.35 0.00	72.85 4.58 0.00	63.26 3.68 0.00	69.88 3.97 0.00	72.65 4.52 0.00	62.55 3.91 0.00	56.66 3.71 0.00	54.10 3.67 0.00	52.15 3.30 0.00	56.13 3.19 0.00	55.35 2.37 0.00	65.71 2.85 0.00	61.72 3.18 0.00	62.33 3.29 0.00	91.93 4.73 -12.87	99.48 4.75 -29.69	82.41 5.65 -7.92	75.31 5.04 -8.25	124.80 3.88 -68.02	70.82 3.73 -13.68	59.73 3.61 -0.40	57.66 3.22 0.00	60.02 3.31 0.00
PJM_GEN_VFT_PROXY 323633	61.46 3.71 0.00	101.53 5.09 0.00	71.67 3.39 0.00	62.17 2.58 0.00	68.79 2.88 0.00	71.35 3.21 0.00	61.48 2.84 0.00	55.61 2.67 0.00	53.30 2.86 0.00	51.53 2.68 0.00	55.45 2.52 0.00	55.20 2.22 0.00	65.36 2.50 0.00	61.00 2.46 0.00	61.54 2.50 0.00	77.57 3.27 0.02	68.32 3.27 0.00	72.86 4.02 0.00	65.59 3.57 0.00	55.55 2.65 0.00	55.89 2.48 0.00	58.08 2.37 0.01	56.49 2.09 0.04	59.02 2.31 0.00
PLATSBURG_115KV_PMLD1 355749	58.85 1.10 0.00	98.82 2.39 0.00	69.83 1.55 0.00	60.99 1.41 0.00	67.54 1.63 0.00	69.68 1.55 0.00	59.85 1.21 0.00	54.18 1.23 0.00	51.43 1.00 0.00	49.72 0.87 0.00	54.16 1.22 0.00	54.52 1.54 0.00	64.77 1.91 0.00	60.66 2.12 0.00	61.27 2.23 0.00	76.74 2.41 0.00	66.68 1.63 0.00	70.04 1.20 0.00	62.89 0.86 0.00	53.65 0.75 0.00	54.02 0.62 0.00	56.72 1.00 0.00	55.82 1.38 0.00	58.09 1.38 0.00
PLEASANTVLY___LBMP 24000	61.23 3.48 0.00	101.46 5.02 0.00	71.69 3.42 0.00	62.30 2.72 0.00	68.92 3.01 0.00	71.42 3.29 0.00	61.52 2.87 0.00	55.59 2.64 0.00	53.15 2.71 0.00	51.35 2.50 0.00	55.34 2.41 0.00	55.13 2.15 0.00	65.32 2.46 0.00	60.95 2.41 0.00	61.46 2.43 0.00	77.51 3.19 0.00	68.21 3.16 0.00	72.80 3.97 0.00	65.59 3.57 0.00	55.62 2.72 0.00	55.99 2.58 0.00	58.18 2.46 0.00	56.71 2.27 0.00	59.21 2.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	61.50 3.75 0.00	101.87 5.43 0.00	71.97 3.69 0.00	62.51 2.92 0.00	69.15 3.23 0.00	71.71 3.58 0.00	61.77 3.12 0.00	55.81 2.86 0.00	53.40 2.96 0.00	51.60 2.75 0.00	55.61 2.67 0.00	55.34 2.36 0.00	65.60 2.73 0.00	61.23 2.69 0.00	61.76 2.72 0.00	77.92 3.61 0.02	68.58 3.53 0.00	73.19 4.36 0.00	65.94 3.92 0.00	55.94 3.05 0.00	56.31 2.91 0.00	58.49 2.77 0.00	56.97 2.53 0.00	59.46 2.74 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	61.50 3.75 0.00	101.87 5.43 0.00	71.97 3.69 0.00	62.51 2.92 0.00	69.15 3.23 0.00	71.71 3.58 0.00	61.77 3.12 0.00	55.81 2.86 0.00	53.40 2.96 0.00	51.60 2.75 0.00	55.61 2.67 0.00	55.34 2.36 0.00	65.60 2.73 0.00	61.23 2.69 0.00	61.76 2.72 0.00	77.92 3.61 0.02	68.58 3.53 0.00	73.19 4.36 0.00	65.94 3.92 0.00	55.94 3.05 0.00	56.31 2.91 0.00	58.49 2.77 0.00	56.97 2.53 0.00	59.46 2.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	62.07 4.31 0.00	102.84 6.41 0.00	72.65 4.38 0.00	63.14 3.55 0.00	69.87 3.95 0.00	72.44 4.31 0.00	62.42 3.78 0.00	56.42 3.47 0.00	53.95 3.51 0.00	52.18 3.33 0.00	56.17 3.23 0.00	55.88 2.90 0.00	66.24 3.38 0.00	61.81 3.27 0.00	62.37 3.33 0.00	78.72 4.41 0.02	69.38 4.34 0.00	74.09 5.25 0.00	66.74 4.72 0.00	56.55 3.65 0.00	56.88 3.48 0.00	59.05 3.33 0.00	57.51 3.07 0.00	60.00 3.29 0.00
POLETTI___ 23519	61.70 3.95 0.00	101.96 5.52 0.00	71.98 3.71 0.00	62.36 2.78 0.00	68.98 3.07 0.00	71.52 3.39 0.00	61.61 2.97 0.00	55.73 2.78 0.00	53.40 2.96 0.00	51.63 2.78 0.00	55.54 2.61 0.00	55.28 2.31 0.00	65.59 2.73 0.00	61.22 2.69 0.00	61.75 2.71 0.00	77.79 3.49 0.02	68.52 3.47 0.00	73.07 4.24 0.00	65.85 3.82 0.00	55.71 2.81 0.00	56.04 2.64 0.00	58.22 2.50 0.00	56.72 2.28 0.00	59.20 2.49 0.00
POMONA___ESR 323819	61.06 3.30 0.00	101.26 4.82 0.00	71.53 3.25 0.00	62.13 2.54 0.00	68.78 2.86 0.00	71.33 3.19 0.00	61.43 2.79 0.00	55.50 2.56 0.00	53.09 2.65 0.00	51.27 2.42 0.00	55.24 2.30 0.00	55.00 2.03 0.00	65.20 2.34 0.00	60.84 2.30 0.00	61.42 2.38 0.00	77.46 3.15 0.02	68.23 3.18 0.00	72.87 4.04 0.00	65.61 3.59 0.00	55.56 2.66 0.00	55.88 2.48 0.00	58.03 2.31 0.00	56.52 2.07 0.00	59.01 2.30 0.00
PORT_JEFF_3 23555	63.66 5.91 0.00	105.09 8.65 0.00	74.60 6.32 0.00	64.78 5.19 0.00	71.51 5.59 0.00	74.44 6.30 0.00	64.10 5.46 0.00	58.05 5.11 0.00	55.35 4.91 0.00	53.20 4.35 0.00	57.13 4.19 0.00	55.97 2.99 0.00	66.33 3.47 0.00	62.55 4.01 0.00	63.39 4.35 0.00	93.61 6.41 -12.87	101.33 6.59 -29.69	84.42 7.66 -7.92	77.13 6.85 -8.25	126.33 5.41 -68.02	72.35 5.26 -13.69	61.25 5.13 -0.40	59.05 4.61 0.00	61.31 4.60 0.00

PORT_JEFF_4 23616	63.66 5.91 0.00	105.09 8.65 0.00	74.60 6.32 0.00	64.78 5.19 0.00	71.51 5.59 0.00	74.44 6.30 0.00	64.10 5.46 0.00	58.05 5.11 0.00	55.35 4.91 0.00	53.20 4.35 0.00	57.13 4.19 0.00	55.97 2.99 0.00	66.33 3.47 0.00	62.55 4.01 0.00	63.39 4.35 0.00	93.61 6.41 -12.87	101.33 6.59 -29.69	84.42 7.66 -7.92	77.13 6.85 -8.25	126.33 5.41 -68.02	72.35 5.26 -13.69	61.25 5.13 -0.40	59.05 4.61 0.00	61.31 4.60 0.00
PORT_JEFF_IC 23713	63.72 5.96 0.00	105.19 8.75 0.00	74.65 6.37 0.00	64.83 5.25 0.00	71.56 5.65 0.00	74.49 6.36 0.00	64.15 5.51 0.00	58.09 5.14 0.00	55.39 4.96 0.00	53.25 4.40 0.00	57.19 4.25 0.00	56.01 3.03 0.00	66.35 3.49 0.00	62.61 4.07 0.00	63.43 4.40 0.00	93.67 6.47 -12.87	101.43 6.69 -29.69	84.55 7.80 -7.92	77.22 6.95 -8.25	126.42 5.51 -68.02	72.44 5.35 -13.69	61.32 5.20 -0.40	59.10 4.66 0.00	61.37 4.66 0.00
PPL_PILGRIM_ST_GT1 24216	63.67 5.92 0.00	105.06 8.62 0.00	74.57 6.29 0.00	64.77 5.19 0.00	71.49 5.58 0.00	74.43 6.30 0.00	64.08 5.43 0.00	58.06 5.12 0.00	55.39 4.95 0.00	53.25 4.40 0.00	57.22 4.28 0.00	56.15 3.17 0.00	66.67 3.81 0.00	62.82 4.28 0.00	63.58 4.54 0.00	93.84 6.65 -12.87	101.21 6.47 -29.69	84.01 7.26 -7.92	76.91 6.64 -8.25	126.22 5.30 -68.02	72.41 5.31 -13.69	61.33 5.21 -0.40	59.18 4.74 0.00	61.47 4.75 0.00
PPL_PILGRIM_ST_GT2 24217	63.67 5.92 0.00	105.06 8.62 0.00	74.57 6.29 0.00	64.77 5.19 0.00	71.49 5.58 0.00	74.43 6.30 0.00	64.08 5.43 0.00	58.06 5.12 0.00	55.39 4.95 0.00	53.25 4.40 0.00	57.22 4.28 0.00	56.15 3.17 0.00	66.67 3.81 0.00	62.82 4.28 0.00	63.58 4.54 0.00	93.84 6.65 -12.87	101.21 6.47 -29.69	84.01 7.26 -7.92	76.91 6.64 -8.25	126.22 5.30 -68.02	72.41 5.31 -13.69	61.33 5.21 -0.40	59.18 4.74 0.00	61.47 4.75 0.00
PPL_SHRM_GT3 24213	64.23 6.48 0.00	106.05 9.61 0.00	75.32 7.04 0.00	65.43 5.84 0.00	72.26 6.35 0.00	75.24 7.10 0.00	64.82 6.18 0.00	58.64 5.69 0.00	55.87 5.43 0.00	53.66 4.81 0.00	57.59 4.65 0.00	56.06 3.08 0.00	66.09 3.23 0.00	62.61 4.07 0.00	63.58 4.54 0.00	93.96 6.76 -12.87	102.03 7.29 -29.69	85.26 8.51 -7.92	77.85 7.58 -8.25	126.96 6.04 -68.02	72.96 5.86 -13.69	61.80 5.68 -0.40	59.52 5.08 0.00	61.77 5.05 0.00
PPL_SHRM_GT4 24214	64.23 6.48 0.00	106.05 9.61 0.00	75.32 7.04 0.00	65.43 5.84 0.00	72.26 6.35 0.00	75.24 7.10 0.00	64.82 6.18 0.00	58.64 5.69 0.00	55.87 5.43 0.00	53.66 4.81 0.00	57.59 4.65 0.00	56.06 3.08 0.00	66.09 3.23 0.00	62.61 4.07 0.00	63.58 4.54 0.00	93.96 6.76 -12.87	102.03 7.29 -29.69	85.26 8.51 -7.92	77.85 7.58 -8.25	126.96 6.04 -68.02	72.96 5.86 -13.69	61.80 5.68 -0.40	59.52 5.08 0.00	61.77 5.05 0.00
PROJECT___ORANGE 1 24174	56.66 -1.09 0.00	94.27 -2.17 0.00	66.74 -1.54 0.00	58.19 -1.39 0.00	64.42 -1.49 0.00	66.62 -1.51 0.00	57.34 -1.30 0.00	51.68 -1.26 0.00	49.26 -1.18 0.00	47.66 -1.19 0.00	51.64 -1.30 0.00	51.68 -1.30 0.00	61.37 -1.49 0.00	57.11 -1.43 0.00	57.64 -1.39 0.00	72.75 -1.58 0.00	63.84 -1.21 0.00	67.90 -0.93 0.00	61.16 -0.87 0.00	51.86 -1.04 0.00	52.32 -1.08 0.00	54.45 -1.27 0.00	53.19 -1.26 0.00	55.43 -1.28 0.00
PROJECT___ORANGE 2 24166	56.66 -1.09 0.00	94.27 -2.17 0.00	66.74 -1.54 0.00	58.19 -1.39 0.00	64.42 -1.49 0.00	66.62 -1.51 0.00	57.34 -1.30 0.00	51.68 -1.26 0.00	49.26 -1.18 0.00	47.66 -1.19 0.00	51.64 -1.30 0.00	51.68 -1.30 0.00	61.37 -1.49 0.00	57.11 -1.43 0.00	57.64 -1.39 0.00	72.75 -1.58 0.00	63.84 -1.21 0.00	67.90 -0.93 0.00	61.16 -0.87 0.00	51.86 -1.04 0.00	52.32 -1.08 0.00	54.45 -1.27 0.00	53.19 -1.26 0.00	55.43 -1.28 0.00
PUCKETT___SOLAR 323809	58.33 0.57 0.00	96.82 0.38 0.00	68.51 0.24 0.00	59.61 0.03 0.00	65.94 0.03 0.00	68.17 0.03 0.00	58.73 0.09 0.00	53.01 0.06 0.00	50.56 0.12 0.00	48.92 0.07 0.00	53.08 0.14 0.00	53.01 0.03 0.00	63.05 0.18 0.00	58.72 0.19 0.00	59.36 0.33 0.00	74.78 0.58 0.13	65.76 0.71 0.00	70.04 1.21 0.00	63.11 1.08 0.00	53.26 0.36 0.00	53.70 0.30 0.00	55.80 0.08 0.00	54.43 -0.02 0.00	56.76 0.04 0.00
PYRITES___HYD 24023	60.17 2.41 0.00	100.83 4.39 0.00	70.77 2.49 0.00	61.84 2.26 0.00	68.49 2.57 0.00	70.73 2.60 0.00	57.95 -0.69 0.00	51.92 -1.03 0.00	49.50 -0.94 0.00	47.58 -1.27 0.00	50.64 -2.30 0.00	51.91 -1.07 0.00	61.51 -1.35 0.00	58.23 -0.31 0.00	59.48 0.45 0.00	75.00 0.67 0.00	64.43 -0.62 0.00	68.21 -0.62 0.00	61.40 -0.62 0.00	52.00 -0.89 0.00	51.86 -1.54 0.00	53.93 -1.79 0.00	53.71 -0.73 0.00	57.56 0.84 0.00
QUAKERRD_115KV_BK1 80622	54.69 -3.07 0.00	90.72 -5.72 0.00	64.37 -3.90 0.00	56.24 -3.34 0.00	62.28 -3.64 0.00	64.39 -3.74 0.00	55.25 -3.40 0.00	49.40 -3.54 0.00	47.10 -3.34 0.00	45.60 -3.25 0.00	49.53 -3.41 0.00	49.59 -3.39 0.00	58.93 -3.93 0.00	54.71 -3.83 0.00	55.24 -3.79 0.00	69.89 -4.51 -0.07	61.35 -3.70 0.00	65.53 -3.30 0.00	58.93 -3.09 0.00	49.79 -3.11 0.00	50.31 -3.09 0.00	52.27 -3.45 0.00	51.24 -3.20 0.00	53.66 -3.06 0.00
QUEENSBRY_115KV_TB8 356137	61.23 3.48 0.00	101.69 5.25 0.00	71.97 3.69 0.00	62.76 3.18 0.00	69.38 3.47 0.00	71.56 3.43 0.00	61.80 3.16 0.00	56.01 3.07 0.00	53.27 2.83 0.00	51.28 2.43 0.00	55.21 2.28 0.00	55.14 2.17 0.00	65.46 2.59 0.00	61.33 2.79 0.00	62.05 3.02 0.00	78.52 4.19 0.00	69.06 4.01 0.00	73.43 4.60 0.00	66.36 4.34 0.00	56.22 3.32 0.00	56.60 3.20 0.00	58.76 3.04 0.00	57.06 2.62 0.00	59.22 2.50 0.00
RAMAPO___LBMP 323565	60.87 3.11 0.00	100.94 4.51 0.00	71.31 3.03 0.00	61.94 2.35 0.00	68.58 2.66 0.00	71.11 2.98 0.00	61.24 2.59 0.00	55.33 2.38 0.00	52.93 2.49 0.00	51.09 2.24 0.00	55.07 2.13 0.00	54.82 1.84 0.00	64.99 2.13 0.00	60.64 2.10 0.00	61.22 2.19 0.00	77.19 2.88 0.02	68.00 2.95 0.00	72.64 3.80 0.00	65.39 3.37 0.00	55.38 2.48 0.00	55.68 2.28 0.00	57.85 2.13 0.00	56.35 1.90 0.00	58.84 2.13 0.00
RANKINE____ 23646	54.25 -3.50 0.00	89.48 -6.96 0.00	63.65 -4.62 0.00	55.74 -3.84 0.00	61.78 -4.13 0.00	63.79 -4.35 0.00	54.40 -4.24 0.00	47.23 -4.86 0.85	45.83 -4.60 0.01	42.84 -4.33 1.68	44.43 -4.39 4.11	48.56 -4.42 0.00	57.73 -5.13 0.00	47.95 -5.00 5.59	51.57 -5.03 2.44	67.38 -6.06 0.88	59.97 -5.07 0.00	64.56 -4.27 0.00	58.01 -4.01 0.00	48.76 -4.14 0.00	49.45 -3.95 0.00	51.34 -4.38 0.00	50.70 -3.74 0.00	53.48 -3.23 0.00
RAVENSWOOD_GT2_1 24244	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.00 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.86 3.22 0.00	55.96 3.01 0.00	53.62 3.19 0.00	51.83 2.98 0.00	55.78 2.85 0.00	55.50 2.53 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.78 0.02	68.77 3.72 0.00	73.37 4.54 0.00	66.08 4.05 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00

RAVENSWOOD_GT2_2 24245	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.00 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.86 3.22 0.00	55.96 3.01 0.00	53.62 3.19 0.00	51.83 2.98 0.00	55.78 2.85 0.00	55.50 2.53 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.78 0.02	68.77 3.72 0.00	73.37 4.54 0.00	66.08 4.05 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00
RAVENSWOOD_GT2_3 24246	61.84 4.09 0.00	102.24 5.80 0.00	72.18 3.90 0.00	62.63 3.04 0.00	69.27 3.36 0.00	71.85 3.71 0.00	61.90 3.25 0.00	55.98 3.04 0.00	53.63 3.20 0.00	51.86 3.01 0.00	55.81 2.87 0.00	55.54 2.56 0.00	65.84 2.97 0.00	61.45 2.91 0.00	61.98 2.94 0.00	78.11 3.81 0.02	68.81 3.75 0.00	73.42 4.58 0.00	66.11 4.08 0.00	55.98 3.08 0.00	56.32 2.92 0.00	58.51 2.79 0.00	56.99 2.55 0.00	59.48 2.77 0.00
RAVENSWOOD_GT2_4 24247	61.84 4.09 0.00	102.24 5.80 0.00	72.18 3.90 0.00	62.63 3.04 0.00	69.27 3.36 0.00	71.85 3.71 0.00	61.90 3.25 0.00	55.98 3.04 0.00	53.63 3.20 0.00	51.86 3.01 0.00	55.81 2.87 0.00	55.54 2.56 0.00	65.84 2.97 0.00	61.45 2.91 0.00	61.98 2.94 0.00	78.11 3.81 0.02	68.81 3.75 0.00	73.42 4.58 0.00	66.11 4.08 0.00	55.98 3.08 0.00	56.32 2.92 0.00	58.51 2.79 0.00	56.99 2.55 0.00	59.48 2.77 0.00
RAVENSWOOD_GT3_1 24248	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.01 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.22 0.00	55.96 3.02 0.00	53.62 3.19 0.00	51.83 2.98 0.00	55.78 2.85 0.00	55.50 2.53 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.78 0.02	68.77 3.72 0.00	73.38 4.54 0.00	66.08 4.05 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00
RAVENSWOOD_GT3_2 24249	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.01 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.22 0.00	55.96 3.02 0.00	53.62 3.19 0.00	51.83 2.98 0.00	55.78 2.85 0.00	55.50 2.53 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.78 0.02	68.77 3.72 0.00	73.38 4.54 0.00	66.08 4.05 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00
RAVENSWOOD_GT3_3 24250	61.90 4.14 0.00	102.33 5.89 0.00	72.24 3.96 0.00	62.68 3.10 0.00	69.33 3.42 0.00	71.91 3.77 0.00	61.96 3.31 0.00	56.03 3.09 0.00	53.70 3.26 0.00	51.91 3.06 0.00	55.87 2.93 0.00	55.60 2.62 0.00	65.92 3.06 0.00	61.52 2.98 0.00	62.05 3.01 0.00	78.21 3.90 0.02	68.88 3.83 0.00	73.49 4.66 0.00	66.19 4.16 0.00	56.03 3.13 0.00	56.39 2.99 0.00	58.57 2.85 0.00	57.05 2.61 0.00	59.54 2.83 0.00
RAVENSWOOD_GT3_4 24251	61.90 4.14 0.00	102.33 5.89 0.00	72.24 3.96 0.00	62.68 3.10 0.00	69.33 3.42 0.00	71.91 3.77 0.00	61.96 3.31 0.00	56.03 3.09 0.00	53.70 3.26 0.00	51.91 3.06 0.00	55.87 2.93 0.00	55.60 2.62 0.00	65.92 3.06 0.00	61.52 2.98 0.00	62.05 3.01 0.00	78.21 3.90 0.02	68.88 3.83 0.00	73.49 4.66 0.00	66.19 4.16 0.00	56.03 3.13 0.00	56.39 2.99 0.00	58.57 2.85 0.00	57.05 2.61 0.00	59.54 2.83 0.00
RAVENSWOOD_GT_1 23729	61.92 4.16 0.00	102.35 5.91 0.00	72.28 4.00 0.00	62.70 3.11 0.00	69.36 3.44 0.00	71.95 3.81 0.00	61.99 3.34 0.00	56.09 3.14 0.00	53.77 3.33 0.00	51.98 3.13 0.00	55.90 2.96 0.00	55.62 2.64 0.00	65.94 3.08 0.00	61.52 2.98 0.00	62.05 3.01 0.00	78.14 3.83 0.02	68.79 3.74 0.00	73.42 4.59 0.00	66.11 4.09 0.00	56.04 3.14 0.00	56.41 3.00 0.00	58.58 2.86 0.00	57.06 2.61 0.00	59.56 2.84 0.00
RAVENSWOOD_GT_10 24258	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.01 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.22 0.00	55.96 3.01 0.00	53.62 3.18 0.00	51.83 2.98 0.00	55.79 2.85 0.00	55.50 2.53 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.78 0.02	68.77 3.72 0.00	73.38 4.55 0.00	66.09 4.06 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00
RAVENSWOOD_GT_11 24259	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.01 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.22 0.00	55.96 3.01 0.00	53.62 3.18 0.00	51.83 2.98 0.00	55.79 2.85 0.00	55.50 2.53 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.78 0.02	68.77 3.72 0.00	73.38 4.55 0.00	66.09 4.06 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00
RAVENSWOOD_GT_4 24252	61.82 4.07 0.00	102.22 5.78 0.00	72.16 3.88 0.00	62.60 3.02 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.23 0.00	55.96 3.01 0.00	53.62 3.18 0.00	51.84 2.99 0.00	55.79 2.86 0.00	55.51 2.54 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.96 2.92 0.00	78.09 3.78 0.02	68.78 3.73 0.00	73.40 4.57 0.00	66.10 4.08 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.45 2.74 0.00
RAVENSWOOD_GT_5 24254	61.82 4.07 0.00	102.22 5.78 0.00	72.16 3.88 0.00	62.60 3.02 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.23 0.00	55.96 3.01 0.00	53.62 3.18 0.00	51.84 2.99 0.00	55.79 2.86 0.00	55.51 2.54 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.96 2.92 0.00	78.09 3.78 0.02	68.78 3.73 0.00	73.40 4.57 0.00	66.10 4.08 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.45 2.74 0.00
RAVENSWOOD_GT_6 24253	61.82 4.07 0.00	102.22 5.78 0.00	72.16 3.88 0.00	62.60 3.02 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.23 0.00	55.96 3.01 0.00	53.62 3.18 0.00	51.84 2.99 0.00	55.79 2.86 0.00	55.51 2.54 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.96 2.92 0.00	78.09 3.78 0.02	68.78 3.73 0.00	73.40 4.57 0.00	66.10 4.08 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.45 2.74 0.00
RAVENSWOOD_GT_7 24255	61.82 4.07 0.00	102.22 5.78 0.00	72.16 3.88 0.00	62.60 3.02 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.23 0.00	55.96 3.01 0.00	53.62 3.18 0.00	51.84 2.99 0.00	55.79 2.86 0.00	55.51 2.54 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.96 2.92 0.00	78.09 3.78 0.02	68.78 3.73 0.00	73.40 4.57 0.00	66.10 4.08 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.45 2.74 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.01 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.22 0.00	55.96 3.01 0.00	53.62 3.18 0.00	51.83 2.98 0.00	55.79 2.85 0.00	55.50 2.53 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.78 0.02	68.77 3.72 0.00	73.38 4.55 0.00	66.09 4.06 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00

RAVENSWOOD_GT_9 24257	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.01 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.22 0.00	55.96 3.01 0.00	53.62 3.18 0.00	51.83 2.98 0.00	55.79 2.85 0.00	55.50 2.53 0.00	65.81 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.78 0.02	68.77 3.72 0.00	73.38 4.55 0.00	66.09 4.06 0.00	55.95 3.05 0.00	56.31 2.91 0.00	58.48 2.76 0.00	56.96 2.52 0.00	59.44 2.73 0.00
RAVENSWOOD___1 23533	61.82 4.07 0.00	102.17 5.73 0.00	72.16 3.88 0.00	62.59 3.00 0.00	69.24 3.33 0.00	71.83 3.69 0.00	61.89 3.25 0.00	56.01 3.07 0.00	53.68 3.24 0.00	51.89 3.03 0.00	55.79 2.85 0.00	55.52 2.54 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	78.05 3.74 0.02	68.72 3.67 0.00	73.36 4.53 0.00	66.05 4.03 0.00	55.98 3.09 0.00	56.34 2.94 0.00	58.49 2.77 0.00	56.97 2.53 0.00	59.46 2.75 0.00
RAVENSWOOD___2 23534	61.82 4.07 0.00	102.17 5.73 0.00	72.16 3.88 0.00	62.59 3.00 0.00	69.24 3.33 0.00	71.83 3.69 0.00	61.89 3.25 0.00	56.01 3.07 0.00	53.68 3.24 0.00	51.89 3.03 0.00	55.79 2.85 0.00	55.52 2.54 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	78.05 3.74 0.02	68.72 3.67 0.00	73.36 4.53 0.00	66.05 4.03 0.00	55.98 3.09 0.00	56.34 2.94 0.00	58.49 2.77 0.00	56.97 2.53 0.00	59.46 2.75 0.00
RAVENSWOOD___3 23535	61.81 4.06 0.00	102.19 5.75 0.00	72.15 3.87 0.00	62.59 3.00 0.00	69.25 3.34 0.00	71.82 3.68 0.00	61.87 3.22 0.00	55.98 3.03 0.00	53.63 3.19 0.00	51.83 2.98 0.00	55.77 2.84 0.00	55.51 2.53 0.00	65.82 2.95 0.00	61.43 2.89 0.00	61.95 2.91 0.00	78.09 3.79 0.02	68.77 3.72 0.00	73.38 4.55 0.00	66.09 4.06 0.00	55.95 3.05 0.00	56.31 2.90 0.00	58.48 2.76 0.00	56.97 2.52 0.00	59.45 2.73 0.00
RAVENSWOOD___4 23820	61.82 4.07 0.00	102.17 5.73 0.00	72.16 3.88 0.00	62.59 3.00 0.00	69.24 3.33 0.00	71.83 3.69 0.00	61.89 3.25 0.00	56.01 3.07 0.00	53.68 3.24 0.00	51.89 3.03 0.00	55.79 2.85 0.00	55.52 2.54 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	78.05 3.74 0.02	68.72 3.67 0.00	73.36 4.53 0.00	66.05 4.03 0.00	55.98 3.09 0.00	56.34 2.94 0.00	58.49 2.77 0.00	56.97 2.53 0.00	59.46 2.75 0.00
RCPL_TRUST___DRP 24196	61.88 4.13 0.00	102.31 5.88 0.00	72.22 3.94 0.00	62.65 3.06 0.00	69.32 3.40 0.00	71.89 3.75 0.00	61.93 3.29 0.00	56.02 3.08 0.00	53.67 3.24 0.00	51.89 3.04 0.00	55.86 2.92 0.00	55.59 2.61 0.00	65.90 3.04 0.00	61.51 2.97 0.00	62.03 2.99 0.00	78.18 3.87 0.02	68.86 3.81 0.00	73.47 4.64 0.00	66.16 4.14 0.00	56.01 3.11 0.00	56.36 2.96 0.00	58.55 2.83 0.00	57.02 2.57 0.00	59.51 2.80 0.00
RED___ROCHESTER 323720	55.94 -1.81 0.00	92.67 -3.77 0.00	65.75 -2.53 0.00	57.46 -2.12 0.00	63.63 -2.28 0.00	65.79 -2.34 0.00	56.38 -2.26 0.00	50.30 -2.65 0.00	47.99 -2.45 0.00	46.50 -2.35 0.00	50.56 -2.37 0.00	50.60 -2.38 0.00	60.14 -2.72 0.00	55.87 -2.67 0.00	56.41 -2.63 0.00	71.35 -3.03 -0.06	62.70 -2.35 0.00	67.13 -1.70 0.00	60.33 -1.70 0.00	50.89 -2.01 0.00	51.46 -1.95 0.00	53.42 -2.30 0.00	52.40 -2.04 0.00	54.89 -1.82 0.00
REGAN___SOLAR 323812	61.48 3.73 0.00	102.35 5.91 0.00	72.45 4.17 0.00	63.12 3.53 0.00	69.86 3.95 0.00	72.34 4.21 0.00	62.35 3.71 0.00	56.32 3.38 0.00	53.28 2.85 0.00	51.06 2.21 0.00	54.84 1.90 0.00	55.12 2.14 0.00	65.89 3.03 0.00	61.21 2.66 0.00	62.23 3.20 0.00	79.14 4.81 0.00	69.94 4.89 0.00	74.31 5.48 0.00	66.84 4.82 0.00	56.81 3.91 0.00	57.22 3.81 0.00	59.42 3.70 0.00	57.79 3.35 0.00	60.07 3.36 0.00
RENSSELAER___COGEN 23796	60.11 2.36 0.00	99.91 3.48 0.00	70.69 2.41 0.00	61.58 2.00 0.00	68.12 2.21 0.00	70.48 2.35 0.00	60.77 2.13 0.00	54.91 1.96 0.00	52.34 1.90 0.00	50.53 1.68 0.00	54.57 1.63 0.00	54.64 1.67 0.00	64.62 1.76 0.00	60.22 1.68 0.00	60.42 1.39 0.00	76.19 1.86 0.00	66.85 1.80 0.00	71.16 2.33 0.00	64.13 2.11 0.00	54.54 1.64 0.00	54.99 1.58 0.00	57.42 1.70 0.00	56.33 1.89 0.00	58.67 1.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	64.40 6.65 0.00	106.63 10.19 0.00	75.47 7.19 0.00	66.09 6.50 0.00	72.77 6.86 0.00	74.85 6.71 0.00	64.89 6.24 0.00	59.03 6.08 0.00	55.86 5.43 0.00	53.52 4.66 0.00	57.23 4.30 0.00	56.86 3.88 0.00	67.70 4.84 0.00	63.90 5.36 0.00	65.04 6.00 0.00	82.60 8.27 0.00	72.73 7.68 0.00	77.30 8.46 0.00	70.22 8.19 0.00	59.24 6.34 0.00	59.55 6.15 0.00	61.72 6.00 0.00	59.61 5.17 0.00	61.71 5.00 0.00
REVERE_CPPR_DRP 24186	59.78 2.03 0.00	99.60 3.16 0.00	70.39 2.11 0.00	61.35 1.76 0.00	67.89 1.98 0.00	70.26 2.13 0.00	60.32 1.68 0.00	54.47 1.53 0.00	52.00 1.56 0.00	50.32 1.47 0.00	54.28 1.35 0.00	54.61 1.63 0.00	64.61 1.75 0.00	60.42 1.88 0.00	61.12 2.08 0.00	77.20 2.87 0.00	67.71 2.66 0.00	71.70 2.87 0.00	64.56 2.53 0.00	54.71 1.81 0.00	55.03 1.63 0.00	57.13 1.41 0.00	55.76 1.32 0.00	58.10 1.39 0.00
REYNOLDS_115KV_TB3 80639	60.51 2.76 0.00	100.57 4.13 0.00	71.16 2.89 0.00	62.00 2.41 0.00	68.57 2.66 0.00	70.95 2.82 0.00	61.14 2.50 0.00	55.24 2.29 0.00	52.68 2.24 0.00	50.83 1.98 0.00	54.91 1.97 0.00	54.97 1.99 0.00	65.03 2.17 0.00	60.64 2.10 0.00	60.96 1.92 0.00	76.85 2.53 0.00	67.39 2.34 0.00	71.77 2.93 0.00	64.69 2.67 0.00	55.01 2.11 0.00	55.46 2.06 0.00	57.83 2.11 0.00	56.61 2.17 0.00	58.97 2.26 0.00
RIVERBAY____ 323610	62.07 4.32 0.00	102.65 6.21 0.00	72.62 4.34 0.00	62.96 3.37 0.00	69.66 3.75 0.00	72.29 4.16 0.00	62.28 3.64 0.00	56.32 3.37 0.00	53.98 3.54 0.00	52.17 3.32 0.00	56.18 3.24 0.00	55.87 2.89 0.00	66.25 3.39 0.00	61.81 3.27 0.00	62.41 3.38 0.00	78.61 4.30 0.02	69.25 4.20 0.00	74.04 5.21 0.00	66.57 4.55 0.00	56.47 3.57 0.00	56.82 3.42 0.00	58.84 3.12 0.00	57.30 2.86 0.00	59.80 3.08 0.00
RIVERSDE_115KV_TB3 55908	60.43 2.67 0.00	100.45 4.01 0.00	71.06 2.78 0.00	61.90 2.32 0.00	68.46 2.54 0.00	70.84 2.71 0.00	61.07 2.42 0.00	55.17 2.22 0.00	52.61 2.16 0.00	50.78 1.93 0.00	54.86 1.92 0.00	54.91 1.93 0.00	64.97 2.11 0.00	60.55 2.01 0.00	60.79 1.76 0.00	76.68 2.35 0.00	67.26 2.21 0.00	71.61 2.77 0.00	64.55 2.52 0.00	54.87 1.97 0.00	55.31 1.91 0.00	57.70 1.98 0.00	56.56 2.12 0.00	58.90 2.19 0.00
ROARING___BROOK_WT_PWR 323790	56.78 -0.98 0.00	95.15 -1.29 0.00	67.39 -0.89 0.00	58.87 -0.72 0.00	65.02 -0.89 0.00	67.01 -1.12 0.00	57.53 -1.11 0.00	51.90 -1.05 0.00	49.47 -0.97 0.00	47.99 -0.86 0.00	52.00 -0.93 0.00	52.15 -0.82 0.00	62.06 -0.81 0.00	57.91 -0.63 0.00	58.40 -0.63 0.00	73.42 -0.91 0.00	64.04 -1.01 0.00	67.38 -1.46 0.00	60.55 -1.48 0.00	51.59 -1.31 0.00	52.09 -1.31 0.00	54.56 -1.16 0.00	53.41 -1.03 0.00	55.63 -1.09 0.00

ROCHESRG_115KV_T4 355643	55.28 -2.47 0.00	91.61 -4.83 0.00	65.03 -3.25 0.00	56.82 -2.77 0.00	62.93 -2.98 0.00	65.06 -3.07 0.00	55.74 -2.91 0.00	49.60 -3.23 0.11	47.41 -3.03 0.00	45.69 -2.94 0.22	49.34 -3.06 0.54	49.95 -3.03 0.00	59.34 -3.52 0.00	54.36 -3.46 0.72	55.30 -3.42 0.32	70.36 -4.05 -0.08	61.78 -3.27 0.00	66.11 -2.72 0.00	59.42 -2.61 0.00	50.15 -2.75 0.00	50.72 -2.68 0.00	52.68 -3.05 0.00	51.74 -2.71 0.00	54.24 -2.47 0.00
ROCHESTER_9_IC 23652	55.63 -2.12 0.00	92.15 -4.29 0.00	65.39 -2.88 0.00	57.16 -2.42 0.00	63.30 -2.61 0.00	65.45 -2.69 0.00	56.08 -2.56 0.00	50.04 -2.91 0.00	47.72 -2.72 0.00	46.21 -2.64 0.00	50.22 -2.72 0.00	50.28 -2.70 0.00	59.76 -3.11 0.00	55.46 -3.08 0.00	56.02 -3.02 0.00	70.86 -3.53 -0.06	62.25 -2.80 0.00	66.63 -2.20 0.00	59.88 -2.14 0.00	50.53 -2.37 0.00	51.09 -2.31 0.00	53.06 -2.66 0.00	52.08 -2.36 0.00	54.57 -2.14 0.00
ROCKVIEW_13_KV_LD 356306	61.91 4.16 0.00	102.43 5.99 0.00	72.32 4.04 0.00	62.80 3.21 0.00	69.45 3.54 0.00	72.04 3.90 0.00	62.05 3.41 0.00	56.13 3.18 0.00	53.73 3.29 0.00	51.90 3.05 0.00	55.93 2.99 0.00	55.63 2.65 0.00	65.95 3.09 0.00	61.58 3.03 0.00	62.12 3.09 0.00	78.37 4.06 0.02	69.03 3.98 0.00	73.69 4.85 0.00	66.39 4.37 0.00	56.17 3.27 0.00	56.53 3.13 0.00	58.71 2.99 0.00	57.16 2.71 0.00	59.64 2.93 0.00
ROME____115KV_TB2 80656	59.78 2.03 0.00	99.60 3.16 0.00	70.39 2.11 0.00	61.35 1.76 0.00	67.89 1.98 0.00	70.26 2.13 0.00	60.32 1.68 0.00	54.47 1.53 0.00	52.00 1.56 0.00	50.32 1.47 0.00	54.28 1.35 0.00	54.61 1.63 0.00	64.61 1.75 0.00	60.42 1.88 0.00	61.12 2.08 0.00	77.20 2.87 0.00	67.71 2.66 0.00	71.70 2.87 0.00	64.56 2.53 0.00	54.71 1.81 0.00	55.03 1.63 0.00	57.13 1.41 0.00	55.76 1.32 0.00	58.10 1.39 0.00
ROSETON___1 23587	61.06 3.30 0.00	101.19 4.75 0.00	71.49 3.22 0.00	62.13 2.54 0.00	68.74 2.83 0.00	71.25 3.12 0.00	61.37 2.73 0.00	55.46 2.51 0.00	53.02 2.58 0.00	51.23 2.38 0.00	55.21 2.28 0.00	55.00 2.02 0.00	65.18 2.32 0.00	60.81 2.27 0.00	61.34 2.30 0.00	77.36 3.05 0.02	68.09 3.04 0.00	72.66 3.83 0.00	65.46 3.44 0.00	55.51 2.61 0.00	55.88 2.47 0.00	58.05 2.33 0.00	56.57 2.13 0.00	59.07 2.36 0.00
ROSETON___2 23588	61.06 3.30 0.00	101.19 4.75 0.00	71.49 3.22 0.00	62.13 2.54 0.00	68.74 2.83 0.00	71.25 3.12 0.00	61.37 2.73 0.00	55.46 2.51 0.00	53.02 2.58 0.00	51.23 2.38 0.00	55.21 2.28 0.00	55.00 2.02 0.00	65.18 2.32 0.00	60.81 2.27 0.00	61.34 2.30 0.00	77.36 3.05 0.02	68.09 3.04 0.00	72.66 3.83 0.00	65.46 3.44 0.00	55.51 2.61 0.00	55.88 2.47 0.00	58.05 2.33 0.00	56.57 2.13 0.00	59.07 2.36 0.00
ROTRRDAM_115KV_TB3 80664	59.85 2.10 0.00	99.54 3.11 0.00	70.44 2.16 0.00	61.37 1.79 0.00	67.89 1.98 0.00	70.25 2.11 0.00	60.52 1.88 0.00	54.65 1.70 0.00	52.06 1.63 0.00	50.27 1.42 0.00	54.29 1.36 0.00	54.34 1.36 0.00	64.49 1.63 0.00	60.10 1.56 0.00	60.64 1.61 0.00	76.54 2.21 0.00	67.19 2.14 0.00	71.42 2.59 0.00	64.37 2.35 0.00	54.71 1.81 0.00	55.16 1.76 0.00	57.41 1.68 0.00	56.01 1.57 0.00	58.34 1.63 0.00
RUSSELL___1 23602	55.94 -1.82 0.00	92.67 -3.77 0.00	65.75 -2.52 0.00	57.46 -2.12 0.00	63.63 -2.28 0.00	65.79 -2.34 0.00	56.38 -2.26 0.00	50.31 -2.64 0.00	47.99 -2.45 0.00	46.50 -2.35 0.00	50.52 -2.41 0.00	50.60 -2.38 0.00	60.14 -2.72 0.00	55.83 -2.71 0.00	56.40 -2.64 0.00	71.36 -3.03 -0.06	62.70 -2.35 0.00	67.13 -1.70 0.00	60.33 -1.70 0.00	50.89 -2.01 0.00	51.46 -1.94 0.00	53.42 -2.30 0.00	52.41 -2.03 0.00	54.89 -1.82 0.00
RUSSELL___2 23532	55.94 -1.82 0.00	92.67 -3.77 0.00	65.75 -2.52 0.00	57.46 -2.12 0.00	63.63 -2.28 0.00	65.79 -2.34 0.00	56.38 -2.26 0.00	50.31 -2.64 0.00	47.99 -2.45 0.00	46.50 -2.35 0.00	50.52 -2.41 0.00	50.60 -2.38 0.00	60.14 -2.72 0.00	55.83 -2.71 0.00	56.40 -2.64 0.00	71.36 -3.03 -0.06	62.70 -2.35 0.00	67.13 -1.70 0.00	60.33 -1.70 0.00	50.89 -2.01 0.00	51.46 -1.94 0.00	53.42 -2.30 0.00	52.41 -2.03 0.00	54.89 -1.82 0.00
RUSSELL___3 23549	55.94 -1.82 0.00	92.67 -3.77 0.00	65.75 -2.52 0.00	57.46 -2.12 0.00	63.63 -2.28 0.00	65.79 -2.34 0.00	56.38 -2.26 0.00	50.31 -2.64 0.00	47.99 -2.45 0.00	46.50 -2.35 0.00	50.52 -2.41 0.00	50.60 -2.38 0.00	60.14 -2.72 0.00	55.83 -2.71 0.00	56.40 -2.64 0.00	71.36 -3.03 -0.06	62.70 -2.35 0.00	67.13 -1.70 0.00	60.33 -1.70 0.00	50.89 -2.01 0.00	51.46 -1.94 0.00	53.42 -2.30 0.00	52.41 -2.03 0.00	54.89 -1.82 0.00
RUSSELL___4 23556	55.94 -1.82 0.00	92.67 -3.77 0.00	65.75 -2.52 0.00	57.46 -2.12 0.00	63.63 -2.28 0.00	65.79 -2.34 0.00	56.38 -2.26 0.00	50.31 -2.64 0.00	47.99 -2.45 0.00	46.50 -2.35 0.00	50.52 -2.41 0.00	50.60 -2.38 0.00	60.14 -2.72 0.00	55.83 -2.71 0.00	56.40 -2.64 0.00	71.36 -3.03 -0.06	62.70 -2.35 0.00	67.13 -1.70 0.00	60.33 -1.70 0.00	50.89 -2.01 0.00	51.46 -1.94 0.00	53.42 -2.30 0.00	52.41 -2.03 0.00	54.89 -1.82 0.00
RUSSELL___STATION 23914	55.94 -1.82 0.00	92.67 -3.77 0.00	65.75 -2.52 0.00	57.46 -2.12 0.00	63.63 -2.28 0.00	65.79 -2.34 0.00	56.38 -2.26 0.00	50.31 -2.64 0.00	47.99 -2.45 0.00	46.50 -2.35 0.00	50.52 -2.41 0.00	50.60 -2.38 0.00	60.14 -2.72 0.00	55.83 -2.71 0.00	56.40 -2.64 0.00	71.36 -3.03 -0.06	62.70 -2.35 0.00	67.13 -1.70 0.00	60.33 -1.70 0.00	50.89 -2.01 0.00	51.46 -1.94 0.00	53.42 -2.30 0.00	52.41 -2.03 0.00	54.89 -1.82 0.00
S SALMON___HYD 24043	56.67 -1.08 0.00	94.36 -2.08 0.00	66.53 -1.75 0.00	57.97 -1.61 0.00	64.15 -1.76 0.00	66.33 -1.81 0.00	56.82 -1.83 0.00	51.26 -1.68 0.00	48.94 -1.50 0.00	47.50 -1.35 0.00	51.57 -1.37 0.00	51.60 -1.38 0.00	61.23 -1.63 0.00	57.06 -1.49 0.00	57.52 -1.52 0.00	72.63 -1.69 0.00	63.76 -1.29 0.00	67.69 -1.14 0.00	60.96 -1.07 0.00	51.54 -1.36 0.00	51.83 -1.58 0.00	53.84 -1.88 0.00	52.60 -1.84 0.00	54.75 -1.96 0.00
S.PERRY___115KV_TB1 80734	56.66 -1.09 0.00	93.82 -2.62 0.00	66.62 -1.66 0.00	58.18 -1.40 0.00	64.51 -1.41 0.00	66.68 -1.46 0.00	57.12 -1.52 0.00	53.81 -1.91 -2.78	48.70 -1.77 -0.02	52.62 -1.69 -5.46	64.47 -1.80 -13.33	51.19 -1.79 0.00	60.96 -1.91 0.00	74.64 -1.90 -18.00	65.16 -1.78 -7.90	72.61 -1.61 0.11	64.20 -0.85 0.00	69.10 0.27 0.00	62.10 0.08 0.00	52.22 -0.68 0.00	52.72 -0.68 0.00	54.68 -1.04 0.00	53.52 -0.92 0.00	55.97 -0.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	53.70 -4.05 0.00	88.60 -7.84 0.00	63.05 -5.23 0.00	55.22 -4.36 0.00	61.20 -4.71 0.00	63.20 -4.93 0.00	53.86 -4.79 0.00	46.73 -5.40 0.82	45.33 -5.10 0.01	42.41 -4.83 1.61	44.03 -4.98 3.93	47.97 -5.01 0.00	57.03 -5.83 0.00	47.54 -5.66 5.34	51.01 -5.69 2.33	66.45 -6.90 0.97	59.25 -5.80 0.00	63.78 -5.06 0.00	57.27 -4.76 0.00	48.15 -4.75 0.00	48.84 -4.56 0.00	50.73 -5.00 0.00	50.15 -4.29 0.00	52.97 -3.74 0.00

SAWYER___23_KV_LOAD 55526	53.70 -4.05 0.00	88.60 -7.84 0.00	63.05 -5.23 0.00	55.22 -4.36 0.00	61.20 -4.71 0.00	63.20 -4.93 0.00	53.86 -4.79 0.00	46.73 -5.40 0.82	45.33 -5.10 0.01	42.41 -4.83 1.61	44.03 -4.98 3.93	47.97 -5.01 0.00	57.03 -5.83 0.00	47.54 -5.66 5.34	51.01 -5.69 2.33	66.45 -6.90 0.97	59.25 -5.80 0.00	63.78 -5.06 0.00	57.27 -4.76 0.00	48.15 -4.75 0.00	48.84 -4.56 0.00	50.73 -5.00 0.00	50.15 -4.29 0.00	52.97 -3.74 0.00
SELKIRK___I 23801	60.11 2.36 0.00	100.02 3.58 0.00	70.79 2.51 0.00	61.67 2.09 0.00	68.23 2.32 0.00	70.61 2.47 0.00	60.87 2.23 0.00	54.95 2.01 0.00	52.33 1.89 0.00	50.49 1.64 0.00	54.58 1.64 0.00	54.65 1.67 0.00	64.63 1.77 0.00	60.28 1.74 0.00	60.64 1.60 0.00	76.45 2.13 0.00	67.08 2.03 0.00	71.36 2.53 0.00	64.33 2.30 0.00	54.72 1.82 0.00	55.20 1.80 0.00	57.57 1.85 0.00	56.37 1.93 0.00	58.77 2.05 0.00
SELKIRK___II 23799	59.97 2.22 0.00	99.70 3.26 0.00	70.54 2.27 0.00	61.46 1.88 0.00	67.99 2.08 0.00	70.35 2.21 0.00	60.62 1.98 0.00	54.75 1.81 0.00	52.22 1.78 0.00	50.42 1.57 0.00	54.47 1.53 0.00	54.54 1.56 0.00	64.51 1.64 0.00	60.11 1.57 0.00	60.43 1.40 0.00	76.20 1.88 0.00	66.87 1.82 0.00	71.16 2.33 0.00	64.12 2.09 0.00	54.52 1.62 0.00	54.97 1.56 0.00	57.34 1.62 0.00	56.14 1.70 0.00	58.50 1.78 0.00
SENECA OSWGO___HYD 24041	56.04 -1.72 0.00	93.26 -3.17 0.00	66.02 -2.26 0.00	57.56 -2.02 0.00	63.72 -2.20 0.00	65.90 -2.23 0.00	56.72 -1.92 0.00	51.15 -1.80 0.00	48.74 -1.69 0.00	47.19 -1.67 0.00	51.12 -1.82 0.00	51.10 -1.88 0.00	60.68 -2.19 0.00	56.52 -2.02 0.00	57.04 -1.99 0.00	71.96 -2.37 0.00	63.15 -1.90 0.00	67.13 -1.70 0.00	60.47 -1.55 0.00	51.32 -1.58 0.00	51.77 -1.63 0.00	53.84 -1.88 0.00	52.59 -1.86 0.00	54.79 -1.92 0.00
SENECA___115KV_TB3 355854	54.34 -3.41 0.00	89.62 -6.82 0.00	63.75 -4.53 0.00	55.82 -3.76 0.00	61.89 -4.03 0.00	63.90 -4.23 0.00	54.51 -4.14 0.00	47.31 -4.78 0.85	45.90 -4.53 0.01	42.92 -4.25 1.68	44.51 -4.32 4.11	48.66 -4.32 0.00	57.83 -5.03 0.00	48.05 -4.90 5.59	51.67 -4.92 2.44	67.52 -5.92 0.88	60.10 -4.95 0.00	64.70 -4.13 0.00	58.12 -3.90 0.00	48.84 -4.06 0.00	49.54 -3.86 0.00	51.44 -4.28 0.00	50.79 -3.66 0.00	53.56 -3.15 0.00
SENECA___ENERGY 23797	56.30 -1.45 0.00	93.59 -2.85 0.00	66.38 -1.90 0.00	57.89 -1.70 0.00	64.02 -1.89 0.00	66.25 -1.89 0.00	57.01 -1.63 0.00	51.49 -1.65 -0.19	48.89 -1.55 0.00	47.68 -1.54 -0.36	52.16 -1.66 -0.89	51.29 -1.69 0.00	61.00 -1.86 0.00	57.92 -1.82 -1.20	57.84 -1.72 -0.53	72.41 -1.93 -0.01	63.61 -1.44 0.00	67.87 -0.97 0.00	61.15 -0.88 0.00	51.62 -1.28 0.00	52.13 -1.27 0.00	54.23 -1.49 0.00	52.91 -1.54 0.00	55.26 -1.46 0.00
SHOEMAKER___GT 23640	60.51 2.76 0.00	100.42 3.98 0.00	70.95 2.68 0.00	61.68 2.10 0.00	68.27 2.35 0.00	70.76 2.63 0.00	60.94 2.30 0.00	55.07 2.12 0.00	52.62 2.18 0.00	50.82 1.97 0.00	54.76 1.82 0.00	54.56 1.58 0.00	64.74 1.87 0.00	60.37 1.83 0.00	60.98 1.95 0.00	77.02 2.72 0.02	67.81 2.75 0.00	72.33 3.50 0.00	65.15 3.12 0.00	55.21 2.31 0.00	55.56 2.16 0.00	57.74 2.02 0.00	56.25 1.81 0.00	58.71 2.00 0.00
SHOEMAKR_138KV_BK 111 55601	60.51 2.76 0.00	100.41 3.97 0.00	70.95 2.67 0.00	61.67 2.09 0.00	68.27 2.36 0.00	70.75 2.61 0.00	60.94 2.30 0.00	55.06 2.11 0.00	52.63 2.19 0.00	50.82 1.97 0.00	54.79 1.85 0.00	54.58 1.61 0.00	64.75 1.88 0.00	60.38 1.84 0.00	60.97 1.94 0.00	76.95 2.65 0.02	67.75 2.70 0.00	72.28 3.45 0.00	65.10 3.07 0.00	55.18 2.28 0.00	55.51 2.11 0.00	57.70 1.98 0.00	56.22 1.78 0.00	58.67 1.95 0.00
SHOREHAM_IC_1 23715	64.23 6.48 0.00	106.05 9.61 0.00	75.32 7.04 0.00	65.43 5.84 0.00	72.26 6.35 0.00	75.24 7.10 0.00	64.82 6.18 0.00	58.64 5.69 0.00	55.87 5.43 0.00	53.66 4.81 0.00	57.59 4.65 0.00	56.06 3.08 0.00	66.09 3.23 0.00	62.61 4.07 0.00	63.58 4.54 0.00	93.96 6.76 -12.87	102.03 7.29 -29.69	85.26 8.51 -7.92	77.85 7.58 -8.25	126.96 6.04 -68.02	72.96 5.86 -13.69	61.80 5.68 -0.40	59.52 5.08 0.00	61.77 5.05 0.00
SHOREHAM_IC_2 23716	64.23 6.48 0.00	106.05 9.61 0.00	75.32 7.04 0.00	65.43 5.84 0.00	72.26 6.35 0.00	75.24 7.10 0.00	64.82 6.18 0.00	58.64 5.69 0.00	55.87 5.43 0.00	53.66 4.81 0.00	57.59 4.65 0.00	56.06 3.08 0.00	66.09 3.23 0.00	62.61 4.07 0.00	63.58 4.54 0.00	93.96 6.76 -12.87	102.03 7.29 -29.69	85.26 8.51 -7.92	77.85 7.58 -8.25	126.96 6.04 -68.02	72.96 5.86 -13.69	61.80 5.68 -0.40	59.52 5.08 0.00	61.77 5.05 0.00
SISSONVILLE____ 23735	58.48 0.73 0.00	98.03 1.60 0.00	68.83 0.55 0.00	60.13 0.54 0.00	66.56 0.65 0.00	68.68 0.54 0.00	56.29 -2.35 0.00	50.40 -2.55 0.00	48.13 -2.31 0.00	46.72 -2.13 0.00	50.19 -2.75 0.00	51.27 -1.71 0.00	60.76 -2.10 0.00	57.19 -1.35 0.00	58.15 -0.89 0.00	73.18 -1.14 0.00	62.47 -2.58 0.00	65.93 -2.90 0.00	59.31 -2.71 0.00	50.29 -2.62 0.00	50.17 -3.24 0.00	52.27 -3.45 0.00	52.18 -2.26 0.00	56.02 -0.70 0.00
SITHE_IND_GS1 24169	55.52 -2.24 0.00	92.43 -4.00 0.00	65.45 -2.83 0.00	57.08 -2.50 0.00	63.16 -2.75 0.00	65.32 -2.81 0.00	56.21 -2.43 0.00	50.68 -2.27 0.00	48.31 -2.12 0.00	46.75 -2.10 0.00	50.64 -2.30 0.00	50.69 -2.29 0.00	60.16 -2.70 0.00	56.01 -2.54 0.00	56.51 -2.53 0.00	71.26 -3.07 0.00	62.47 -2.58 0.00	66.36 -2.48 0.00	59.77 -2.26 0.00	50.76 -2.14 0.00	51.24 -2.16 0.00	53.38 -2.34 0.00	52.15 -2.30 0.00	54.35 -2.36 0.00
SITHE_IND_GS2 24170	55.52 -2.24 0.00	92.43 -4.00 0.00	65.45 -2.83 0.00	57.08 -2.50 0.00	63.16 -2.75 0.00	65.32 -2.81 0.00	56.21 -2.43 0.00	50.68 -2.27 0.00	48.31 -2.12 0.00	46.75 -2.10 0.00	50.64 -2.30 0.00	50.69 -2.29 0.00	60.16 -2.70 0.00	56.01 -2.54 0.00	56.51 -2.53 0.00	71.26 -3.07 0.00	62.47 -2.58 0.00	66.36 -2.48 0.00	59.77 -2.26 0.00	50.76 -2.14 0.00	51.24 -2.16 0.00	53.38 -2.34 0.00	52.15 -2.30 0.00	54.35 -2.36 0.00
SITHE_IND_GS3 24171	55.52 -2.24 0.00	92.43 -4.00 0.00	65.45 -2.83 0.00	57.08 -2.50 0.00	63.16 -2.75 0.00	65.32 -2.81 0.00	56.21 -2.43 0.00	50.68 -2.27 0.00	48.31 -2.12 0.00	46.75 -2.10 0.00	50.64 -2.30 0.00	50.69 -2.29 0.00	60.16 -2.70 0.00	56.01 -2.54 0.00	56.51 -2.53 0.00	71.26 -3.07 0.00	62.47 -2.58 0.00	66.36 -2.48 0.00	59.77 -2.26 0.00	50.76 -2.14 0.00	51.24 -2.16 0.00	53.38 -2.34 0.00	52.15 -2.30 0.00	54.35 -2.36 0.00
SITHE_IND_GS4 24172	55.52 -2.24 0.00	92.43 -4.00 0.00	65.45 -2.83 0.00	57.08 -2.50 0.00	63.16 -2.75 0.00	65.32 -2.81 0.00	56.21 -2.43 0.00	50.68 -2.27 0.00	48.31 -2.12 0.00	46.75 -2.10 0.00	50.64 -2.30 0.00	50.69 -2.29 0.00	60.16 -2.70 0.00	56.01 -2.54 0.00	56.51 -2.53 0.00	71.26 -3.07 0.00	62.47 -2.58 0.00	66.36 -2.48 0.00	59.77 -2.26 0.00	50.76 -2.14 0.00	51.24 -2.16 0.00	53.38 -2.34 0.00	52.15 -2.30 0.00	54.35 -2.36 0.00

SITHE___BATAVIA 24024	55.42 -2.33 0.00	91.68 -4.76 0.00	65.21 -3.07 0.00	57.06 -2.52 0.00	63.25 -2.66 0.00	65.40 -2.73 0.00	55.85 -2.79 0.00	49.15 -3.37 0.43	47.32 -3.12 0.00	45.09 -2.91 0.85	47.95 -2.92 2.07	49.80 -3.17 0.00	59.20 -3.67 0.00	52.32 -3.41 2.82	54.41 -3.40 1.23	69.75 -4.10 0.48	61.92 -3.13 0.00	66.57 -2.27 0.00	59.74 -2.28 0.00	50.28 -2.62 0.00	50.88 -2.52 0.00	52.76 -2.96 0.00	51.95 -2.49 0.00	54.63 -2.09 0.00
SITHE___INDEPEND 23800	55.52 -2.23 0.00	92.44 -4.00 0.00	65.45 -2.82 0.00	57.08 -2.50 0.00	63.16 -2.75 0.00	65.32 -2.81 0.00	56.21 -2.43 0.00	50.68 -2.27 0.00	48.31 -2.13 0.00	46.74 -2.11 0.00	50.64 -2.30 0.00	50.69 -2.29 0.00	60.16 -2.70 0.00	56.00 -2.54 0.00	56.50 -2.54 0.00	71.26 -3.07 0.00	62.47 -2.57 0.00	66.36 -2.48 0.00	59.77 -2.26 0.00	50.77 -2.14 0.00	51.24 -2.16 0.00	53.38 -2.34 0.00	52.14 -2.30 0.00	54.35 -2.36 0.00
SITHE___MASSENA 23902	57.70 -0.06 0.00	97.11 0.67 0.00	68.84 0.57 0.00	60.25 0.66 0.00	66.63 0.72 0.00	68.70 0.57 0.00	59.08 0.44 0.00	53.37 0.42 0.00	50.74 0.30 0.00	49.23 0.38 0.00	53.53 0.59 0.00	53.63 0.65 0.00	63.75 0.88 0.00	59.36 0.82 0.00	59.86 0.82 0.00	75.08 0.75 0.00	65.46 0.41 0.00	68.60 -0.24 0.00	61.71 -0.31 0.00	53.06 0.16 0.00	53.64 0.23 0.00	56.26 0.54 0.00	55.20 0.76 0.00	57.37 0.65 0.00
SITHE___OGDNSBRG 24021	60.81 3.06 0.00	101.89 5.45 0.00	71.52 3.25 0.00	62.51 2.92 0.00	69.23 3.31 0.00	71.52 3.39 0.00	58.65 0.00 0.00	52.56 -0.39 0.00	50.07 -0.36 0.00	47.92 -0.93 0.00	50.79 -2.15 0.00	52.11 -0.87 0.00	61.74 -1.13 0.00	58.54 0.00 0.00	60.00 0.97 0.00	75.72 1.39 0.00	65.25 0.20 0.00	69.19 0.35 0.00	62.28 0.25 0.00	52.74 -0.16 0.00	52.57 -0.83 0.00	54.62 -1.10 0.00	54.36 -0.09 0.00	58.20 1.48 0.00
SITHE___STERLING 23777	59.18 1.43 0.00	98.66 2.22 0.00	69.80 1.52 0.00	60.84 1.26 0.00	67.38 1.47 0.00	69.73 1.60 0.00	59.96 1.31 0.00	54.14 1.19 0.00	51.62 1.18 0.00	49.91 1.06 0.00	53.88 0.95 0.00	54.13 1.15 0.00	64.13 1.27 0.00	59.89 1.35 0.00	60.51 1.48 0.00	76.41 2.08 0.00	67.03 1.98 0.00	71.00 2.17 0.00	63.89 1.87 0.00	54.18 1.28 0.00	54.61 1.21 0.00	56.74 1.02 0.00	55.36 0.92 0.00	57.69 0.97 0.00
SLEIGHT__34_KV_TB1 80719	56.10 -1.65 0.00	93.16 -3.28 0.00	66.09 -2.18 0.00	57.69 -1.89 0.00	63.85 -2.07 0.00	66.03 -2.10 0.00	56.77 -1.88 0.00	50.86 -2.09 0.00	48.55 -1.89 0.00	46.96 -1.89 0.00	50.97 -1.97 0.00	51.02 -1.96 0.00	60.67 -2.19 0.00	56.36 -2.18 0.00	56.93 -2.11 0.00	71.99 -2.39 -0.06	63.23 -1.82 0.00	67.54 -1.29 0.00	60.71 -1.32 0.00	51.32 -1.58 0.00	51.82 -1.58 0.00	53.80 -1.92 0.00	52.62 -1.82 0.00	55.04 -1.67 0.00
SOUTH CAIRO___GT 23612	62.94 5.19 0.00	104.66 8.22 0.00	74.02 5.74 0.00	64.56 4.97 0.00	71.44 5.53 0.00	73.98 5.84 0.00	63.87 5.23 0.00	57.77 4.83 0.00	55.00 4.56 0.00	52.97 4.12 0.00	56.99 4.06 0.00	56.99 4.01 0.00	66.96 4.10 0.00	62.72 4.18 0.00	63.29 4.25 0.00	80.06 5.73 0.00	70.65 5.60 0.00	75.31 6.48 0.00	67.88 5.85 0.00	57.54 4.64 0.00	57.93 4.52 0.00	60.27 4.55 0.00	58.92 4.48 0.00	61.23 4.51 0.00
SOUTH HAMPTN___IC 23720	64.78 7.03 0.00	106.98 10.53 0.00	76.03 7.75 0.00	66.08 6.49 0.00	72.99 7.07 0.00	76.00 7.86 0.00	65.50 6.85 0.00	59.24 6.30 0.00	56.44 6.00 0.00	54.19 5.34 0.00	58.15 5.22 0.00	56.68 3.70 0.00	66.92 4.05 0.00	63.28 4.74 0.00	64.24 5.20 0.00	94.82 7.62 -12.87	102.73 7.99 -29.69	85.94 9.18 -7.92	78.42 8.14 -8.25	127.48 6.56 -68.02	73.47 6.37 -13.69	62.28 6.16 -0.40	59.92 5.47 0.00	62.15 5.44 0.00
SOUTHDOWN_115KV_TB1 355954	55.34 -2.41 0.00	91.24 -5.20 0.00	64.87 -3.41 0.00	56.74 -2.85 0.00	62.82 -3.09 0.00	64.92 -3.21 0.00	55.40 -3.24 0.00	48.67 -3.79 0.49	46.96 -3.47 0.00	44.62 -3.27 0.96	47.50 -3.09 2.35	50.08 -2.90 0.00	59.92 -2.94 0.00	52.37 -2.97 3.21	54.51 -3.12 1.40	70.03 -3.52 0.78	62.09 -2.95 0.00	66.85 -1.98 0.00	60.16 -1.86 0.00	50.69 -2.20 0.00	51.37 -2.03 0.00	53.38 -2.34 0.00	52.60 -1.84 0.00	55.34 -1.38 0.00
SOUTHOLD_69_KV_BK 2 55809	65.68 7.93 0.00	108.39 11.96 0.00	77.16 8.88 0.00	67.11 7.53 0.00	74.18 8.26 0.00	77.24 9.11 0.00	66.61 7.96 0.00	60.26 7.31 0.00	57.39 6.95 0.00	55.07 6.22 0.00	59.13 6.19 0.00	57.66 4.68 0.00	68.14 5.27 0.00	64.35 5.81 0.00	65.31 6.28 0.00	96.23 9.03 -12.87	103.97 9.24 -29.69	87.20 10.44 -7.92	79.47 9.20 -8.25	128.43 7.51 -68.02	74.41 7.32 -13.69	63.16 7.04 -0.40	60.62 6.18 0.00	62.81 6.09 0.00
SOUTHOLD___IC 23719	65.68 7.93 0.00	108.39 11.96 0.00	77.15 8.87 0.00	67.11 7.53 0.00	74.18 8.26 0.00	77.24 9.11 0.00	66.61 7.97 0.00	60.27 7.32 0.00	57.39 6.95 0.00	55.07 6.22 0.00	59.11 6.17 0.00	57.66 4.68 0.00	68.14 5.27 0.00	64.34 5.80 0.00	65.31 6.27 0.00	96.24 9.04 -12.87	103.96 9.23 -29.69	87.20 10.44 -7.92	79.46 9.19 -8.25	128.43 7.51 -68.02	74.41 7.32 -13.69	63.17 7.04 -0.40	60.62 6.18 0.00	62.81 6.09 0.00
SOUTH_FORK_WT_PWR 323839	65.70 7.95 0.00	108.43 11.99 0.00	77.25 8.97 0.00	67.27 7.69 0.00	74.33 8.42 0.00	77.41 9.27 0.00	66.76 8.12 0.00	60.40 7.45 0.00	57.51 7.07 0.00	55.18 6.33 0.00	59.20 6.27 0.00	57.75 4.77 0.00	68.24 5.38 0.00	64.42 5.88 0.00	65.38 6.34 0.00	96.33 9.13 -12.87	104.02 9.29 -29.69	87.17 10.41 -7.92	79.40 9.12 -8.25	128.45 7.53 -68.02	74.44 7.34 -13.69	63.16 7.04 -0.40	60.54 6.10 0.00	62.72 6.01 0.00
SPIERFLS_115KV_TB 1 80737	60.76 3.01 0.00	100.96 4.53 0.00	71.42 3.14 0.00	62.28 2.69 0.00	68.85 2.94 0.00	71.02 2.88 0.00	61.34 2.69 0.00	55.55 2.61 0.00	52.87 2.43 0.00	50.91 2.06 0.00	54.84 1.90 0.00	54.79 1.81 0.00	65.03 2.17 0.00	60.87 2.32 0.00	61.55 2.52 0.00	77.84 3.51 0.00	68.46 3.41 0.00	72.80 3.96 0.00	65.75 3.73 0.00	55.75 2.85 0.00	56.12 2.72 0.00	58.28 2.56 0.00	56.62 2.18 0.00	58.81 2.09 0.00
ST LAWRENCE____ 23600	57.15 -0.60 0.00	96.15 -0.28 0.00	68.17 -0.10 0.00	59.66 0.07 0.00	65.97 0.06 0.00	68.06 -0.08 0.00	58.51 -0.13 0.00	52.88 -0.07 0.00	50.27 -0.17 0.00	48.78 -0.07 0.00	53.04 0.10 0.00	53.12 0.14 0.00	63.16 0.29 0.00	58.82 0.28 0.00	59.29 0.26 0.00	74.38 0.05 0.00	64.83 -0.22 0.00	67.94 -0.90 0.00	61.11 -0.91 0.00	52.57 -0.33 0.00	53.15 -0.25 0.00	55.75 0.02 0.00	54.67 0.22 0.00	56.82 0.11 0.00
STATE_CA_115KV_115_LB 55624	60.46 2.71 0.00	100.54 4.10 0.00	71.12 2.84 0.00	61.96 2.37 0.00	68.53 2.62 0.00	70.93 2.79 0.00	61.14 2.50 0.00	55.25 2.30 0.00	52.69 2.24 0.00	50.85 2.00 0.00	54.92 1.99 0.00	55.01 2.03 0.00	65.10 2.24 0.00	60.65 2.11 0.00	60.85 1.82 0.00	76.77 2.45 0.00	67.38 2.33 0.00	71.73 2.90 0.00	64.62 2.60 0.00	54.93 2.04 0.00	55.37 1.97 0.00	57.77 2.06 0.00	56.64 2.20 0.00	58.97 2.26 0.00

STATE_ST_34_KV_LOAD 55959	57.40 -0.35 0.00	95.73 -0.70 0.00	67.83 -0.44 0.00	59.18 -0.41 0.00	65.28 -0.64 0.00	67.63 -0.50 0.00	58.33 -0.31 0.00	52.57 -0.38 0.00	50.11 -0.32 0.00	48.42 -0.43 0.00	52.32 -0.62 0.00	52.40 -0.58 0.00	62.32 -0.55 0.00	58.02 -0.52 0.00	58.63 -0.41 0.00	74.02 -0.31 0.00	65.04 -0.01 0.00	69.27 0.43 0.00	62.36 0.33 0.00	52.79 -0.10 0.00	53.24 -0.16 0.00	55.41 -0.31 0.00	53.92 -0.52 0.00	56.34 -0.37 0.00
STATION 5_MISC_HYD 23604	55.63 -2.12 0.00	92.16 -4.28 0.00	65.40 -2.88 0.00	57.16 -2.42 0.00	63.30 -2.61 0.00	65.45 -2.68 0.00	56.08 -2.57 0.00	50.01 -2.93 0.00	47.73 -2.71 0.00	46.22 -2.63 0.00	50.25 -2.68 0.00	50.28 -2.70 0.00	59.75 -3.11 0.00	55.50 -3.04 0.00	56.03 -3.01 0.00	70.85 -3.54 -0.06	62.24 -2.80 0.00	66.63 -2.20 0.00	59.88 -2.15 0.00	50.53 -2.37 0.00	51.09 -2.31 0.00	53.06 -2.66 0.00	52.07 -2.37 0.00	54.58 -2.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	56.59 -1.16 0.00	93.85 -2.59 0.00	66.61 -1.67 0.00	58.13 -1.46 0.00	64.37 -1.55 0.00	66.59 -1.55 0.00	57.19 -1.45 0.00	51.26 -1.69 0.00	48.88 -1.56 0.00	47.31 -1.54 0.00	51.32 -1.61 0.00	51.35 -1.63 0.00	61.04 -1.82 0.00	56.70 -1.85 0.00	57.29 -1.75 0.00	72.41 -1.95 -0.03	63.65 -1.40 0.00	68.03 -0.80 0.00	61.22 -0.81 0.00	51.66 -1.24 0.00	52.18 -1.23 0.00	54.19 -1.53 0.00	53.02 -1.42 0.00	55.41 -1.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	55.43 -2.32 0.00	91.86 -4.58 0.00	65.18 -3.10 0.00	56.95 -2.64 0.00	63.08 -2.84 0.00	65.23 -2.91 0.00	55.91 -2.73 0.00	49.92 -3.03 0.00	47.62 -2.82 0.00	46.11 -2.75 0.00	50.09 -2.85 0.00	50.15 -2.82 0.00	59.62 -3.24 0.00	55.34 -3.20 0.00	55.89 -3.15 0.00	70.69 -3.69 -0.05	62.11 -2.95 0.00	66.44 -2.40 0.00	59.72 -2.31 0.00	50.39 -2.51 0.00	50.94 -2.46 0.00	52.90 -2.82 0.00	51.92 -2.53 0.00	54.38 -2.34 0.00
STA_56___34_KV_BUS2 355883	55.43 -2.32 0.00	91.86 -4.58 0.00	65.18 -3.10 0.00	56.95 -2.64 0.00	63.08 -2.84 0.00	65.23 -2.91 0.00	55.91 -2.73 0.00	49.92 -3.03 0.00	47.62 -2.82 0.00	46.11 -2.75 0.00	50.09 -2.85 0.00	50.15 -2.82 0.00	59.62 -3.24 0.00	55.34 -3.20 0.00	55.89 -3.15 0.00	70.69 -3.69 -0.05	62.11 -2.95 0.00	66.44 -2.40 0.00	59.72 -2.31 0.00	50.39 -2.51 0.00	50.94 -2.46 0.00	52.90 -2.82 0.00	51.92 -2.53 0.00	54.38 -2.34 0.00
STA_67___115KV_BK2 355882	55.50 -2.25 0.00	91.91 -4.53 0.00	65.25 -3.03 0.00	57.02 -2.57 0.00	63.16 -2.75 0.00	65.31 -2.83 0.00	55.95 -2.69 0.00	49.89 -3.06 0.00	47.58 -2.85 0.00	46.09 -2.76 0.00	50.07 -2.87 0.00	50.14 -2.83 0.00	59.59 -3.27 0.00	55.30 -3.24 0.00	55.85 -3.19 0.00	70.66 -3.73 -0.06	62.05 -3.00 0.00	66.42 -2.41 0.00	59.70 -2.33 0.00	50.37 -2.53 0.00	50.94 -2.46 0.00	52.90 -2.82 0.00	51.95 -2.49 0.00	54.45 -2.27 0.00
STA_7___115KV_9TRANS 80674	55.94 -1.82 0.00	92.67 -3.77 0.00	65.75 -2.52 0.00	57.46 -2.12 0.00	63.63 -2.28 0.00	65.79 -2.34 0.00	56.38 -2.26 0.00	50.31 -2.64 0.00	47.99 -2.45 0.00	46.50 -2.35 0.00	50.52 -2.41 0.00	50.60 -2.38 0.00	60.14 -2.72 0.00	55.83 -2.71 0.00	56.40 -2.64 0.00	71.36 -3.03 -0.06	62.70 -2.35 0.00	67.13 -1.70 0.00	60.33 -1.70 0.00	50.89 -2.01 0.00	51.46 -1.94 0.00	53.42 -2.30 0.00	52.41 -2.03 0.00	54.89 -1.82 0.00
STA_82___115KV_TB1 80780	55.52 -2.24 0.00	91.96 -4.48 0.00	65.26 -3.02 0.00	57.05 -2.53 0.00	63.17 -2.74 0.00	65.32 -2.82 0.00	55.97 -2.68 0.00	49.93 -3.02 0.00	47.61 -2.82 0.00	46.11 -2.75 0.00	50.09 -2.85 0.00	50.16 -2.82 0.00	59.60 -3.27 0.00	55.33 -3.22 0.00	55.87 -3.17 0.00	70.68 -3.69 -0.04	62.09 -2.96 0.00	66.45 -2.38 0.00	59.72 -2.31 0.00	50.39 -2.51 0.00	50.96 -2.44 0.00	52.93 -2.79 0.00	51.96 -2.48 0.00	54.46 -2.25 0.00
STEEL___WIND 323596	54.27 -3.48 0.00	89.49 -6.94 0.00	63.67 -4.61 0.00	55.76 -3.82 0.00	61.82 -4.09 0.00	63.84 -4.30 0.00	54.44 -4.20 0.00	47.25 -4.84 0.85	45.85 -4.58 0.01	42.88 -4.29 1.68	44.51 -4.31 4.11	48.60 -4.38 0.00	57.74 -5.13 0.00	48.02 -4.93 5.59	51.60 -4.99 2.44	67.43 -6.02 0.88	60.01 -5.03 0.00	64.59 -4.24 0.00	58.04 -3.98 0.00	48.79 -4.11 0.00	49.47 -3.93 0.00	51.38 -4.34 0.00	50.69 -3.76 0.00	53.48 -3.24 0.00
STEPHTWN_115KV_BK_2 55603	61.05 3.30 0.00	101.41 4.97 0.00	71.73 3.46 0.00	62.44 2.86 0.00	69.08 3.17 0.00	71.44 3.31 0.00	61.73 3.09 0.00	55.77 2.82 0.00	53.14 2.70 0.00	51.28 2.43 0.00	55.36 2.43 0.00	55.50 2.52 0.00	65.53 2.67 0.00	61.07 2.53 0.00	61.39 2.35 0.00	77.45 3.12 0.00	67.94 2.89 0.00	72.46 3.62 0.00	65.33 3.30 0.00	55.49 2.59 0.00	55.91 2.51 0.00	58.34 2.62 0.00	57.05 2.61 0.00	59.33 2.62 0.00
STEUBEN_REC_LFGE 323667	53.77 -3.98 0.00	89.01 -7.43 0.00	63.38 -4.89 0.00	55.18 -4.40 0.00	61.35 -4.57 0.00	63.18 -4.95 0.00	53.99 -4.65 0.00	50.22 -4.63 -1.91	46.02 -4.43 -0.02	48.36 -4.23 -3.74	57.68 -4.41 -9.15	48.71 -4.27 0.00	58.32 -4.54 0.00	66.77 -4.12 -12.35	60.61 -3.85 -5.42	69.64 -4.43 0.25	61.63 -3.42 0.00	66.26 -2.57 0.00	59.76 -2.26 0.00	50.04 -2.87 0.00	50.42 -2.98 0.00	52.45 -3.27 0.00	51.31 -3.14 0.00	53.63 -3.09 0.00
STILLWATER___SOLAR 323814	61.11 3.36 0.00	101.61 5.17 0.00	71.88 3.61 0.00	62.64 3.06 0.00	69.29 3.38 0.00	71.63 3.50 0.00	61.78 3.14 0.00	55.84 2.90 0.00	53.16 2.73 0.00	51.25 2.40 0.00	55.31 2.37 0.00	55.33 2.35 0.00	65.61 2.75 0.00	61.31 2.77 0.00	61.87 2.84 0.00	78.18 3.85 0.00	68.65 3.60 0.00	73.05 4.21 0.00	65.90 3.88 0.00	55.95 3.04 0.00	56.39 2.98 0.00	58.63 2.90 0.00	57.10 2.66 0.00	59.40 2.69 0.00
STONY___BROOK 24151	63.70 5.94 0.00	105.12 8.69 0.00	74.62 6.34 0.00	64.79 5.21 0.00	71.51 5.60 0.00	74.45 6.31 0.00	64.10 5.46 0.00	58.07 5.13 0.00	55.37 4.93 0.00	53.23 4.38 0.00	57.17 4.23 0.00	56.02 3.04 0.00	66.36 3.50 0.00	62.60 4.06 0.00	63.44 4.41 0.00	93.68 6.48 -12.87	101.46 6.72 -29.69	84.58 7.82 -7.92	77.26 6.98 -8.25	126.44 5.53 -68.02	72.46 5.36 -13.69	61.34 5.22 -0.40	59.11 4.67 0.00	61.37 4.66 0.00
STURGEON_POOL_HYD 23609	62.94 5.19 0.00	104.22 7.78 0.00	73.61 5.33 0.00	63.93 4.34 0.00	70.77 4.86 0.00	73.43 5.30 0.00	63.30 4.66 0.00	57.25 4.30 0.00	54.81 4.37 0.00	53.02 4.17 0.00	56.94 4.00 0.00	56.56 3.58 0.00	67.07 4.20 0.00	62.64 4.10 0.00	63.32 4.29 0.00	80.00 5.67 0.00	70.61 5.56 0.00	75.49 6.66 0.00	67.93 5.91 0.00	57.50 4.60 0.00	57.79 4.39 0.00	59.89 4.17 0.00	58.22 3.78 0.00	60.69 3.98 0.00
ST_LAW_115_BK7_LBMP 345037	57.16 -0.59 0.00	96.22 -0.22 0.00	68.22 -0.06 0.00	59.67 0.09 0.00	65.99 0.08 0.00	68.07 -0.07 0.00	58.54 -0.11 0.00	52.89 -0.06 0.00	50.28 -0.16 0.00	48.79 -0.06 0.00	53.04 0.10 0.00	53.12 0.15 0.00	63.16 0.30 0.00	58.82 0.28 0.00	59.29 0.26 0.00	74.38 0.05 0.00	64.83 -0.22 0.00	67.92 -0.91 0.00	61.11 -0.91 0.00	52.57 -0.33 0.00	53.14 -0.26 0.00	55.75 0.02 0.00	54.68 0.24 0.00	56.83 0.12 0.00

ST_LAW_115_BK8_LBMP 345038	57.16 -0.59 0.00	96.22 -0.22 0.00	68.22 -0.06 0.00	59.67 0.09 0.00	65.99 0.08 0.00	68.07 -0.07 0.00	58.54 -0.11 0.00	52.89 -0.06 0.00	50.28 -0.16 0.00	48.79 -0.06 0.00	53.04 0.10 0.00	53.12 0.15 0.00	63.16 0.30 0.00	58.82 0.28 0.00	59.29 0.26 0.00	74.38 0.05 0.00	64.83 -0.22 0.00	67.92 -0.91 0.00	61.11 -0.91 0.00	52.57 -0.33 0.00	53.14 -0.26 0.00	55.75 0.02 0.00	54.68 0.24 0.00	56.83 0.12 0.00
ST_LAW_230_BK5_LBMP 345035	57.15 -0.60 0.00	96.15 -0.28 0.00	68.17 -0.10 0.00	59.66 0.07 0.00	65.97 0.06 0.00	68.06 -0.08 0.00	58.51 -0.13 0.00	52.88 -0.07 0.00	50.27 -0.17 0.00	48.78 -0.07 0.00	53.04 0.10 0.00	53.12 0.14 0.00	63.16 0.29 0.00	58.82 0.28 0.00	59.29 0.26 0.00	74.38 0.05 0.00	64.83 -0.22 0.00	67.94 -0.90 0.00	61.11 -0.91 0.00	52.57 -0.33 0.00	53.15 -0.25 0.00	55.75 0.02 0.00	54.67 0.22 0.00	56.82 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	57.15 -0.60 0.00	96.15 -0.28 0.00	68.17 -0.10 0.00	59.66 0.07 0.00	65.97 0.06 0.00	68.06 -0.08 0.00	58.51 -0.13 0.00	52.88 -0.07 0.00	50.27 -0.17 0.00	48.78 -0.07 0.00	53.04 0.10 0.00	53.12 0.14 0.00	63.16 0.29 0.00	58.82 0.28 0.00	59.29 0.26 0.00	74.38 0.05 0.00	64.83 -0.22 0.00	67.94 -0.90 0.00	61.11 -0.91 0.00	52.57 -0.33 0.00	53.15 -0.25 0.00	55.75 0.02 0.00	54.67 0.22 0.00	56.82 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	60.80 3.05 0.00	100.86 4.42 0.00	71.25 2.97 0.00	61.91 2.32 0.00	68.53 2.61 0.00	71.05 2.92 0.00	61.20 2.56 0.00	55.28 2.34 0.00	52.88 2.44 0.00	51.07 2.22 0.00	55.05 2.11 0.00	54.81 1.84 0.00	65.00 2.14 0.00	60.66 2.12 0.00	61.23 2.20 0.00	77.23 2.92 0.02	68.05 3.00 0.00	72.67 3.83 0.00	65.41 3.39 0.00	55.42 2.52 0.00	55.74 2.34 0.00	57.92 2.20 0.00	56.41 1.97 0.00	58.87 2.16 0.00
SWANROAD_115KV_TB1 355699	52.57 -5.18 0.00	86.83 -9.60 0.00	61.86 -6.41 0.00	54.14 -5.44 0.00	60.01 -5.90 0.00	62.03 -6.11 0.00	52.77 -5.88 0.00	45.91 -6.38 0.65	44.38 -6.05 0.01	41.95 -5.62 1.28	44.05 -5.76 3.13	46.83 -6.15 0.00	55.57 -7.29 0.00	47.66 -6.61 4.27	50.34 -6.83 1.86	64.89 -8.57 0.87	57.80 -7.25 0.00	62.22 -6.61 0.00	55.81 -6.21 0.00	46.98 -5.92 0.00	47.68 -5.72 0.00	49.51 -6.21 0.00	49.09 -5.35 0.00	51.87 -4.84 0.00
SYNERGY___BIOGAS 323694	55.42 -2.33 0.00	91.68 -4.76 0.00	65.21 -3.07 0.00	57.06 -2.52 0.00	63.25 -2.66 0.00	65.40 -2.73 0.00	55.85 -2.79 0.00	49.15 -3.37 0.43	47.32 -3.12 0.00	45.09 -2.91 0.85	47.95 -2.92 2.07	49.80 -3.17 0.00	59.20 -3.67 0.00	52.32 -3.41 2.82	54.41 -3.40 1.23	69.75 -4.10 0.48	61.92 -3.13 0.00	66.57 -2.27 0.00	59.74 -2.28 0.00	50.28 -2.62 0.00	50.88 -2.52 0.00	52.76 -2.96 0.00	51.95 -2.49 0.00	54.63 -2.09 0.00
SYRACUSE___ENERGY_ST1 323597	57.00 -0.75 0.00	94.89 -1.55 0.00	67.18 -1.09 0.00	58.59 -0.99 0.00	64.82 -1.09 0.00	67.07 -1.06 0.00	57.74 -0.90 0.00	52.06 -0.89 0.00	49.63 -0.81 0.00	48.00 -0.85 0.00	52.00 -0.93 0.00	52.03 -0.94 0.00	61.80 -1.07 0.00	57.50 -1.04 0.00	58.05 -0.99 0.00	73.27 -1.06 0.00	64.32 -0.73 0.00	68.42 -0.41 0.00	61.62 -0.40 0.00	52.24 -0.66 0.00	52.71 -0.69 0.00	54.85 -0.86 0.00	53.54 -0.90 0.00	55.81 -0.90 0.00
SYRACUSE___ENERGY_ST2 323598	57.00 -0.75 0.00	94.89 -1.55 0.00	67.18 -1.09 0.00	58.59 -0.99 0.00	64.82 -1.09 0.00	67.07 -1.06 0.00	57.74 -0.90 0.00	52.06 -0.89 0.00	49.63 -0.81 0.00	48.00 -0.85 0.00	52.00 -0.93 0.00	52.03 -0.94 0.00	61.80 -1.07 0.00	57.50 -1.04 0.00	58.05 -0.99 0.00	73.27 -1.06 0.00	64.32 -0.73 0.00	68.42 -0.41 0.00	61.62 -0.40 0.00	52.24 -0.66 0.00	52.71 -0.69 0.00	54.85 -0.86 0.00	53.54 -0.90 0.00	55.81 -0.90 0.00
SYRACUSE___POWER 24017	57.03 -0.73 0.00	94.88 -1.56 0.00	67.16 -1.11 0.00	58.56 -1.03 0.00	64.83 -1.09 0.00	67.04 -1.10 0.00	57.70 -0.94 0.00	52.02 -0.92 0.00	49.59 -0.85 0.00	47.97 -0.88 0.00	51.97 -0.96 0.00	52.01 -0.97 0.00	61.76 -1.10 0.00	57.48 -1.06 0.00	58.03 -1.00 0.00	73.26 -1.07 0.00	64.31 -0.74 0.00	68.40 -0.44 0.00	61.62 -0.41 0.00	52.22 -0.68 0.00	52.69 -0.71 0.00	54.82 -0.90 0.00	53.53 -0.91 0.00	55.79 -0.92 0.00
TALLMAN___138KV_BK151 55660	60.98 3.23 0.00	101.14 4.71 0.00	71.44 3.17 0.00	62.05 2.47 0.00	68.70 2.79 0.00	71.25 3.12 0.00	61.36 2.72 0.00	55.44 2.49 0.00	53.04 2.60 0.00	51.20 2.35 0.00	55.18 2.24 0.00	54.94 1.96 0.00	65.12 2.26 0.00	60.78 2.24 0.00	61.35 2.31 0.00	77.40 3.10 0.02	68.15 3.10 0.00	72.80 3.97 0.00	65.53 3.51 0.00	55.50 2.60 0.00	55.81 2.41 0.00	57.96 2.24 0.00	56.46 2.01 0.00	58.95 2.24 0.00
TEALLAVE_115KV_TB7 355573	56.63 -1.13 0.00	94.23 -2.21 0.00	66.70 -1.57 0.00	58.17 -1.41 0.00	64.40 -1.52 0.00	66.60 -1.53 0.00	57.31 -1.34 0.00	51.67 -1.28 0.00	49.25 -1.19 0.00	47.64 -1.21 0.00	51.62 -1.32 0.00	51.65 -1.33 0.00	61.34 -1.52 0.00	57.07 -1.47 0.00	57.62 -1.42 0.00	72.72 -1.61 0.00	63.81 -1.24 0.00	67.87 -0.96 0.00	61.13 -0.89 0.00	51.82 -1.08 0.00	52.30 -1.11 0.00	54.42 -1.30 0.00	53.14 -1.30 0.00	55.40 -1.31 0.00
TELGRAPH_34_KV_EAST 80808	54.03 -3.73 0.00	89.33 -7.11 0.00	63.63 -4.65 0.00	55.68 -3.90 0.00	61.71 -4.20 0.00	63.78 -4.36 0.00	54.37 -4.27 0.00	47.59 -4.82 0.54	45.91 -4.53 0.00	43.57 -4.23 1.05	46.06 -4.30 2.57	48.44 -4.54 0.00	57.52 -5.35 0.00	50.10 -4.93 3.50	52.47 -5.04 1.53	67.50 -6.19 0.63	59.96 -5.08 0.00	64.46 -4.37 0.00	57.83 -4.19 0.00	48.66 -4.24 0.00	49.33 -4.07 0.00	51.20 -4.52 0.00	50.57 -3.87 0.00	53.31 -3.40 0.00
TEMPLE___115KV_TB 2 55572	56.66 -1.09 0.00	94.27 -2.17 0.00	66.74 -1.54 0.00	58.19 -1.39 0.00	64.42 -1.49 0.00	66.62 -1.51 0.00	57.34 -1.30 0.00	51.68 -1.26 0.00	49.26 -1.18 0.00	47.66 -1.19 0.00	51.64 -1.30 0.00	51.68 -1.30 0.00	61.37 -1.49 0.00	57.11 -1.43 0.00	57.64 -1.39 0.00	72.75 -1.58 0.00	63.84 -1.21 0.00	67.90 -0.93 0.00	61.16 -0.87 0.00	51.86 -1.04 0.00	52.32 -1.08 0.00	54.45 -1.27 0.00	53.19 -1.26 0.00	55.43 -1.28 0.00
TIANA____69_KV_BK 1 55817	64.60 6.85 0.00	106.67 10.24 0.00	75.78 7.50 0.00	65.85 6.26 0.00	72.72 6.81 0.00	75.72 7.59 0.00	65.26 6.61 0.00	59.02 6.07 0.00	56.24 5.80 0.00	54.00 5.15 0.00	57.97 5.03 0.00	56.49 3.51 0.00	66.68 3.82 0.00	63.09 4.55 0.00	64.05 5.02 0.00	94.57 7.37 -12.87	102.52 7.78 -29.69	85.72 8.97 -7.92	78.24 7.97 -8.25	127.31 6.40 -68.02	73.30 6.20 -13.69	62.13 6.00 -0.40	59.79 5.35 0.00	62.03 5.32 0.00
TILDEN___115KV_TB1 80814	57.03 -0.73 0.00	94.88 -1.56 0.00	67.16 -1.11 0.00	58.56 -1.03 0.00	64.83 -1.09 0.00	67.04 -1.10 0.00	57.70 -0.94 0.00	52.02 -0.92 0.00	49.59 -0.85 0.00	47.97 -0.88 0.00	51.97 -0.96 0.00	52.01 -0.97 0.00	61.76 -1.10 0.00	57.48 -1.06 0.00	58.03 -1.00 0.00	73.26 -1.07 0.00	64.31 -0.74 0.00	68.40 -0.44 0.00	61.62 -0.41 0.00	52.22 -0.68 0.00	52.69 -0.71 0.00	54.82 -0.90 0.00	53.53 -0.91 0.00	55.79 -0.92 0.00

TRIGEN___CC 323695	62.35 4.60 0.00	102.98 6.54 0.00	72.95 4.67 0.00	63.34 3.75 0.00	69.99 4.07 0.00	72.72 4.59 0.00	62.63 3.99 0.00	56.72 3.77 0.00	54.17 3.74 0.00	52.26 3.41 0.00	56.30 3.36 0.00	55.58 2.60 0.00	66.01 3.14 0.00	61.94 3.40 0.00	62.53 3.49 0.00	92.05 4.86 -12.87	99.55 4.81 -29.69	82.50 5.74 -7.92	75.38 5.10 -8.25	124.85 3.93 -68.02	70.87 3.78 -13.68	59.78 3.66 -0.40	57.69 3.25 0.00	60.07 3.36 0.00
TRINITY___115KV___4 BK 55933	60.29 2.54 0.00	100.21 3.77 0.00	70.90 2.62 0.00	61.78 2.19 0.00	68.32 2.41 0.00	70.69 2.55 0.00	60.94 2.30 0.00	55.06 2.11 0.00	52.49 2.06 0.00	50.68 1.83 0.00	54.74 1.81 0.00	54.80 1.82 0.00	64.84 1.98 0.00	60.43 1.89 0.00	60.62 1.58 0.00	76.45 2.12 0.00	67.07 2.02 0.00	71.40 2.57 0.00	64.36 2.34 0.00	54.72 1.82 0.00	55.15 1.75 0.00	57.56 1.84 0.00	56.45 2.00 0.00	58.79 2.07 0.00
UNION___PROCESSING_DRP 323587	55.52 -2.24 0.00	91.99 -4.45 0.00	65.28 -3.00 0.00	57.05 -2.53 0.00	63.19 -2.73 0.00	65.34 -2.80 0.00	55.97 -2.67 0.00	49.94 -3.01 0.00	47.63 -2.81 0.00	46.11 -2.74 0.00	50.11 -2.82 0.00	50.17 -2.81 0.00	59.62 -3.24 0.00	55.34 -3.20 0.00	55.89 -3.15 0.00	70.68 -3.68 -0.04	62.10 -2.95 0.00	66.46 -2.37 0.00	59.73 -2.29 0.00	50.41 -2.49 0.00	50.98 -2.43 0.00	52.95 -2.77 0.00	51.98 -2.47 0.00	54.47 -2.24 0.00
UPPER HUDSON___HYD 24058	60.76 3.01 0.00	100.97 4.53 0.00	71.42 3.15 0.00	62.28 2.69 0.00	68.85 2.94 0.00	71.01 2.88 0.00	61.34 2.69 0.00	55.55 2.60 0.00	52.87 2.42 0.00	50.91 2.06 0.00	54.84 1.90 0.00	54.79 1.81 0.00	65.03 2.17 0.00	60.87 2.33 0.00	61.55 2.51 0.00	77.84 3.52 0.00	68.46 3.41 0.00	72.80 3.96 0.00	65.75 3.73 0.00	55.75 2.85 0.00	56.12 2.72 0.00	58.28 2.56 0.00	56.62 2.18 0.00	58.81 2.09 0.00
UPPER RAQUET___HYD 24056	58.48 0.73 0.00	98.03 1.59 0.00	68.83 0.55 0.00	60.12 0.54 0.00	66.56 0.65 0.00	68.67 0.54 0.00	56.30 -2.35 0.00	50.40 -2.54 0.00	48.13 -2.31 0.00	46.72 -2.13 0.00	50.18 -2.75 0.00	51.27 -1.71 0.00	60.76 -2.10 0.00	57.19 -1.35 0.00	58.14 -0.89 0.00	73.19 -1.14 0.00	62.47 -2.58 0.00	65.94 -2.90 0.00	59.31 -2.71 0.00	50.28 -2.61 0.00	50.17 -3.24 0.00	52.27 -3.45 0.00	52.18 -2.26 0.00	56.01 -0.70 0.00
VALLEY44_115KV_TB2 355964	55.17 -2.58 0.00	91.36 -5.08 0.00	64.64 -3.64 0.00	56.65 -2.94 0.00	62.81 -3.10 0.00	64.76 -3.37 0.00	55.19 -3.45 0.00	48.43 -4.16 0.36	46.49 -3.94 0.00	44.41 -3.74 0.71	47.68 -3.53 1.73	49.60 -3.37 0.00	59.28 -3.58 0.00	52.66 -3.51 2.37	54.58 -3.43 1.03	69.14 -4.47 0.72	60.95 -4.10 0.00	65.31 -3.52 0.00	58.78 -3.25 0.00	49.29 -3.61 0.00	49.87 -3.53 0.00	52.05 -3.67 0.00	51.48 -2.96 0.00	54.18 -2.53 0.00
VALLEY___115KV_TB 1-4 80826	58.68 0.93 0.00	97.42 0.98 0.00	68.86 0.58 0.00	59.96 0.37 0.00	66.25 0.34 0.00	68.59 0.46 0.00	59.17 0.52 0.00	53.56 0.62 0.00	51.00 0.56 0.00	49.24 0.39 0.00	53.26 0.33 0.00	53.44 0.46 0.00	63.27 0.41 0.00	58.96 0.42 0.00	59.56 0.53 0.00	75.18 0.85 0.00	66.01 0.96 0.00	70.27 1.44 0.00	63.66 1.63 0.00	53.97 1.08 0.00	54.25 0.84 0.00	56.30 0.58 0.00	54.84 0.40 0.00	57.12 0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	62.07 4.32 0.00	103.24 6.80 0.00	73.08 4.80 0.00	63.64 4.05 0.00	70.54 4.63 0.00	73.03 4.90 0.00	62.95 4.31 0.00	56.76 3.81 0.00	53.84 3.40 0.00	51.88 3.02 0.00	56.20 3.27 0.00	55.99 3.01 0.00	66.32 3.46 0.00	61.68 3.14 0.00	62.17 3.13 0.00	78.53 4.27 0.06	68.93 3.88 0.00	73.27 4.44 0.00	65.96 3.93 0.00	55.91 3.01 0.00	56.31 2.90 0.00	58.49 2.77 0.00	57.03 2.59 0.00	59.44 2.73 0.00
VISCHER___FERRY HYD 24020	60.74 2.98 0.00	100.95 4.51 0.00	71.41 3.14 0.00	62.23 2.65 0.00	68.81 2.90 0.00	71.19 3.06 0.00	61.37 2.73 0.00	55.44 2.49 0.00	52.84 2.40 0.00	50.97 2.12 0.00	55.05 2.12 0.00	55.08 2.10 0.00	65.19 2.33 0.00	60.87 2.33 0.00	61.35 2.31 0.00	77.41 3.08 0.00	67.87 2.82 0.00	72.27 3.43 0.00	65.18 3.16 0.00	55.41 2.51 0.00	55.86 2.46 0.00	58.14 2.42 0.00	56.75 2.30 0.00	59.09 2.38 0.00
V_A_10_SYNC_DSASP 323832	53.90 -3.86 0.00	89.10 -7.34 0.00	63.35 -4.93 0.00	55.42 -4.16 0.00	61.42 -4.49 0.00	63.46 -4.67 0.00	54.15 -4.49 0.00	47.55 -4.99 0.41	45.76 -4.68 0.00	43.55 -4.49 0.80	46.35 -4.62 1.97	48.31 -4.67 0.00	57.39 -5.47 0.00	50.60 -5.30 2.64	52.54 -5.33 1.17	68.20 -6.51 -0.38	59.59 -5.46 0.00	63.97 -4.87 0.00	57.46 -4.57 0.00	48.38 -4.52 0.00	49.02 -4.38 0.00	50.92 -4.79 0.00	50.25 -4.19 0.00	52.98 -3.73 0.00
V_CMM_10_SYNC_DSASP 323787	57.46 -0.29 0.00	96.71 0.27 0.00	68.56 0.28 0.00	60.00 0.41 0.00	66.35 0.44 0.00	68.42 0.29 0.00	58.85 0.20 0.00	53.16 0.21 0.00	50.54 0.10 0.00	49.04 0.19 0.00	53.31 0.37 0.00	53.41 0.43 0.00	63.49 0.63 0.00	59.12 0.58 0.00	59.59 0.56 0.00	74.79 0.46 0.00	65.17 0.12 0.00	68.29 -0.55 0.00	61.46 -0.57 0.00	52.84 -0.06 0.00	53.42 0.02 0.00	56.04 0.32 0.00	54.97 0.53 0.00	57.13 0.41 0.00
V_CMP_10_SYNC_DSASP 323788	58.85 1.10 0.00	98.82 2.39 0.00	69.83 1.56 0.00	60.99 1.41 0.00	67.54 1.63 0.00	69.68 1.55 0.00	59.85 1.21 0.00	54.18 1.23 0.00	51.43 1.00 0.00	49.72 0.87 0.00	54.15 1.22 0.00	54.52 1.54 0.00	64.77 1.91 0.00	60.66 2.12 0.00	61.27 2.23 0.00	76.73 2.40 0.00	66.67 1.62 0.00	70.04 1.21 0.00	62.88 0.86 0.00	53.65 0.75 0.00	54.03 0.62 0.00	56.72 1.00 0.00	55.82 1.38 0.00	58.09 1.37 0.00
V_D_10_SYNC_DSASP 323841	57.70 -0.06 0.00	97.11 0.67 0.00	68.84 0.57 0.00	60.25 0.66 0.00	66.63 0.72 0.00	68.70 0.57 0.00	59.08 0.44 0.00	53.37 0.42 0.00	50.74 0.30 0.00	49.23 0.38 0.00	53.53 0.59 0.00	53.63 0.65 0.00	63.75 0.88 0.00	59.36 0.82 0.00	59.86 0.82 0.00	75.08 0.75 0.00	65.46 0.41 0.00	68.60 -0.24 0.00	61.71 -0.31 0.00	53.06 0.16 0.00	53.64 0.23 0.00	56.26 0.54 0.00	55.20 0.76 0.00	57.37 0.65 0.00
V_E_10_SYNC_DSASP 323830	61.85 4.10 0.00	102.41 5.97 0.00	72.53 4.26 0.00	62.97 3.39 0.00	69.48 3.57 0.00	71.68 3.55 0.00	62.04 3.39 0.00	56.08 3.13 0.00	53.60 3.17 0.00	51.67 2.82 0.00	55.67 2.74 0.00	55.67 2.69 0.00	66.09 3.23 0.00	61.85 3.32 0.00	62.66 3.62 0.00	79.09 4.84 0.08	69.81 4.76 0.00	74.33 5.49 0.00	66.81 4.79 0.00	56.44 3.54 0.00	56.83 3.42 0.00	58.75 3.03 0.00	57.10 2.66 0.00	59.49 2.78 0.00
V_F_30_NSYNC___DSASP 323816	61.17 3.41 0.00	101.68 5.24 0.00	71.95 3.67 0.00	62.68 3.10 0.00	69.33 3.42 0.00	71.70 3.56 0.00	61.83 3.18 0.00	55.89 2.94 0.00	53.21 2.78 0.00	51.32 2.47 0.00	55.38 2.44 0.00	55.40 2.43 0.00	65.72 2.86 0.00	61.38 2.84 0.00	61.96 2.92 0.00	78.27 3.94 0.00	68.76 3.71 0.00	73.15 4.32 0.00	65.98 3.95 0.00	56.01 3.11 0.00	56.44 3.04 0.00	58.69 2.97 0.00	57.15 2.71 0.00	59.46 2.75 0.00

V_F_30_SYNC_DSASP 323786	60.46 2.71 0.00	100.53 4.10 0.00	71.11 2.83 0.00	61.96 2.37 0.00	68.52 2.61 0.00	70.91 2.78 0.00	61.14 2.49 0.00	55.25 2.30 0.00	52.68 2.24 0.00	50.84 1.99 0.00	54.92 1.99 0.00	55.01 2.03 0.00	65.10 2.24 0.00	60.64 2.10 0.00	60.85 1.82 0.00	76.76 2.43 0.00	67.37 2.32 0.00	71.73 2.90 0.00	64.61 2.59 0.00	54.93 2.04 0.00	55.36 1.96 0.00	57.77 2.05 0.00	56.63 2.19 0.00	58.97 2.26 0.00
V_XM_10_SYNC_DSASP 323789	58.85 1.10 0.00	98.82 2.39 0.00	69.83 1.56 0.00	60.99 1.41 0.00	67.54 1.63 0.00	69.68 1.55 0.00	59.85 1.21 0.00	54.18 1.23 0.00	51.43 1.00 0.00	49.72 0.87 0.00	54.15 1.22 0.00	54.52 1.54 0.00	64.77 1.91 0.00	60.66 2.12 0.00	61.27 2.23 0.00	76.73 2.40 0.00	66.67 1.62 0.00	70.04 1.21 0.00	62.88 0.86 0.00	53.65 0.75 0.00	54.03 0.62 0.00	56.72 1.00 0.00	55.82 1.38 0.00	58.09 1.37 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	61.19 3.44 0.00	101.45 5.01 0.00	71.67 3.39 0.00	62.25 2.66 0.00	68.92 3.00 0.00	71.46 3.33 0.00	61.56 2.92 0.00	55.61 2.67 0.00	53.20 2.76 0.00	51.37 2.52 0.00	55.35 2.42 0.00	55.12 2.14 0.00	65.34 2.48 0.00	60.97 2.43 0.00	61.56 2.53 0.00	77.59 3.28 0.02	68.37 3.32 0.00	73.03 4.19 0.00	65.76 3.73 0.00	55.68 2.78 0.00	56.00 2.59 0.00	58.14 2.42 0.00	56.63 2.19 0.00	59.12 2.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	61.90 4.14 0.00	102.34 5.90 0.00	72.24 3.96 0.00	62.68 3.09 0.00	69.32 3.40 0.00	71.89 3.76 0.00	61.95 3.30 0.00	56.03 3.08 0.00	53.69 3.25 0.00	51.91 3.06 0.00	55.87 2.94 0.00	55.60 2.62 0.00	65.92 3.06 0.00	61.52 2.98 0.00	62.04 3.00 0.00	78.21 3.90 0.02	68.88 3.83 0.00	73.48 4.65 0.00	66.16 4.14 0.00	56.02 3.12 0.00	56.37 2.97 0.00	58.57 2.85 0.00	57.04 2.60 0.00	59.52 2.81 0.00
W50THST__13_KV_LOAD 356117	62.19 4.43 0.00	102.78 6.34 0.00	72.54 4.27 0.00	62.93 3.35 0.00	69.62 3.71 0.00	72.21 4.08 0.00	62.21 3.57 0.00	56.29 3.34 0.00	53.96 3.52 0.00	52.18 3.32 0.00	56.14 3.21 0.00	55.88 2.90 0.00	66.24 3.38 0.00	61.81 3.27 0.00	62.33 3.29 0.00	78.55 4.24 0.02	69.17 4.12 0.00	73.79 4.96 0.00	66.44 4.42 0.00	56.24 3.34 0.00	56.62 3.22 0.00	58.81 3.09 0.00	57.28 2.83 0.00	59.77 3.05 0.00
WADING RIVER_IC_1 23522	64.25 6.49 0.00	106.09 9.65 0.00	75.35 7.08 0.00	65.45 5.86 0.00	72.27 6.36 0.00	75.25 7.11 0.00	64.83 6.19 0.00	58.66 5.71 0.00	55.89 5.45 0.00	53.68 4.83 0.00	57.62 4.69 0.00	56.05 3.07 0.00	66.04 3.18 0.00	62.62 4.08 0.00	63.58 4.55 0.00	93.96 6.76 -12.87	102.07 7.34 -29.69	85.30 8.54 -7.92	77.87 7.60 -8.25	127.00 6.08 -68.02	72.98 5.89 -13.69	61.83 5.71 -0.40	59.53 5.08 0.00	61.77 5.06 0.00
WADING RIVER_IC_2 23547	64.25 6.49 0.00	106.09 9.65 0.00	75.35 7.08 0.00	65.45 5.86 0.00	72.27 6.36 0.00	75.25 7.11 0.00	64.83 6.19 0.00	58.66 5.71 0.00	55.89 5.45 0.00	53.68 4.83 0.00	57.62 4.69 0.00	56.05 3.07 0.00	66.04 3.18 0.00	62.62 4.08 0.00	63.58 4.55 0.00	93.96 6.76 -12.87	102.07 7.34 -29.69	85.30 8.54 -7.92	77.87 7.60 -8.25	127.00 6.08 -68.02	72.98 5.89 -13.69	61.83 5.71 -0.40	59.53 5.08 0.00	61.77 5.06 0.00
WADING RIVER_IC_3 23601	64.25 6.49 0.00	106.09 9.65 0.00	75.35 7.08 0.00	65.45 5.86 0.00	72.27 6.36 0.00	75.25 7.11 0.00	64.83 6.19 0.00	58.66 5.71 0.00	55.89 5.45 0.00	53.68 4.83 0.00	57.62 4.69 0.00	56.05 3.07 0.00	66.04 3.18 0.00	62.62 4.08 0.00	63.58 4.55 0.00	93.96 6.76 -12.87	102.07 7.34 -29.69	85.30 8.54 -7.92	77.87 7.60 -8.25	127.00 6.08 -68.02	72.98 5.89 -13.69	61.83 5.71 -0.40	59.53 5.08 0.00	61.77 5.06 0.00
WALDENNY_12_KV_BK2 80841	54.29 -3.46 0.00	89.57 -6.87 0.00	63.72 -4.56 0.00	55.78 -3.81 0.00	61.82 -4.09 0.00	63.85 -4.28 0.00	54.44 -4.20 0.00	47.29 -4.82 0.83	45.88 -4.55 0.01	42.96 -4.26 1.64	44.64 -4.30 4.00	48.60 -4.38 0.00	57.77 -5.10 0.00	48.19 -4.91 5.45	51.70 -4.95 2.38	67.45 -6.00 0.88	60.03 -5.02 0.00	64.63 -4.20 0.00	58.05 -3.97 0.00	48.79 -4.11 0.00	49.49 -3.91 0.00	51.39 -4.33 0.00	50.76 -3.68 0.00	53.54 -3.18 0.00
WALDEN__HYDRO 24148	61.51 3.75 0.00	101.96 5.53 0.00	72.04 3.76 0.00	62.58 3.00 0.00	69.27 3.36 0.00	71.83 3.69 0.00	61.89 3.24 0.00	55.93 2.99 0.00	53.50 3.06 0.00	51.70 2.84 0.00	55.65 2.72 0.00	55.36 2.38 0.00	65.69 2.83 0.00	61.30 2.76 0.00	61.93 2.90 0.00	78.14 3.83 0.02	68.85 3.80 0.00	73.54 4.71 0.00	66.21 4.18 0.00	56.09 3.19 0.00	56.42 3.02 0.00	58.58 2.86 0.00	57.02 2.58 0.00	59.48 2.77 0.00
WARRENSBURG____ 23737	60.76 3.01 0.00	100.97 4.53 0.00	71.42 3.15 0.00	62.28 2.69 0.00	68.85 2.94 0.00	71.01 2.88 0.00	61.34 2.69 0.00	55.55 2.60 0.00	52.87 2.42 0.00	50.91 2.06 0.00	54.84 1.90 0.00	54.79 1.81 0.00	65.03 2.17 0.00	60.87 2.33 0.00	61.55 2.51 0.00	77.84 3.52 0.00	68.46 3.41 0.00	72.80 3.96 0.00	65.75 3.73 0.00	55.75 2.85 0.00	56.12 2.72 0.00	58.28 2.56 0.00	56.62 2.18 0.00	58.81 2.09 0.00
WATERSIDE____6 8 9 23538	61.82 4.07 0.00	102.17 5.73 0.00	72.16 3.89 0.00	62.59 3.01 0.00	69.24 3.33 0.00	71.83 3.69 0.00	61.89 3.25 0.00	56.01 3.07 0.00	53.67 3.24 0.00	51.88 3.03 0.00	55.80 2.87 0.00	55.52 2.54 0.00	65.82 2.96 0.00	61.42 2.88 0.00	61.94 2.90 0.00	78.04 3.74 0.02	68.72 3.67 0.00	73.36 4.53 0.00	66.05 4.03 0.00	55.98 3.09 0.00	56.34 2.94 0.00	58.49 2.77 0.00	56.96 2.52 0.00	59.46 2.74 0.00
WATKINRD_115KV_LN8_ILLION 55919	58.71 0.95 0.00	97.64 1.20 0.00	69.02 0.74 0.00	60.13 0.55 0.00	66.48 0.57 0.00	68.81 0.68 0.00	59.31 0.66 0.00	53.65 0.71 0.00	51.08 0.64 0.00	49.33 0.48 0.00	53.29 0.35 0.00	53.41 0.43 0.00	63.28 0.41 0.00	58.95 0.40 0.00	59.51 0.47 0.00	75.16 0.83 0.00	66.00 0.95 0.00	70.18 1.34 0.00	63.41 1.38 0.00	53.84 0.94 0.00	54.21 0.81 0.00	56.37 0.65 0.00	54.95 0.51 0.00	57.21 0.50 0.00
WATSON__69_KV_BK 1 55734	64.06 6.31 0.00	105.73 9.29 0.00	75.03 6.75 0.00	65.13 5.55 0.00	71.90 5.99 0.00	74.85 6.72 0.00	64.46 5.81 0.00	58.38 5.43 0.00	55.68 5.25 0.00	53.53 4.68 0.00	57.55 4.61 0.00	56.41 3.43 0.00	66.97 4.10 0.00	63.16 4.62 0.00	63.95 4.91 0.00	94.32 7.13 -12.87	101.82 7.08 -29.69	84.83 8.07 -7.92	77.53 7.26 -8.25	126.71 5.79 -68.02	72.81 5.71 -13.69	61.70 5.58 -0.40	59.49 5.04 0.00	61.74 5.02 0.00
WDELAWARE__HYD 323627	61.30 3.56 0.00	101.68 5.24 0.00	71.83 3.55 0.00	62.44 2.85 0.00	69.13 3.22 0.00	71.70 3.56 0.00	61.85 3.21 0.00	56.23 3.29 0.00	53.76 3.32 0.00	51.93 3.08 0.00	55.68 2.75 0.00	55.41 2.43 0.00	65.84 2.98 0.00	61.53 2.99 0.00	62.21 3.17 0.00	78.11 3.80 0.02	68.93 3.88 0.00	73.59 4.76 0.00	66.26 4.24 0.00	56.13 3.23 0.00	56.45 3.05 0.00	58.53 2.81 0.00	56.89 2.44 0.00	59.26 2.55 0.00

WEST BABYLON___IC 23714	63.71 5.96 0.00	105.15 8.71 0.00	74.56 6.29 0.00	64.74 5.15 0.00	71.48 5.57 0.00	74.37 6.24 0.00	64.05 5.40 0.00	58.03 5.09 0.00	55.37 4.93 0.00	53.28 4.42 0.00	57.28 4.35 0.00	56.25 3.27 0.00	66.78 3.92 0.00	62.99 4.45 0.00	63.68 4.64 0.00	93.95 6.75 -12.87	101.37 6.63 -29.69	84.41 7.66 -7.92	77.14 6.86 -8.25	126.37 5.45 -68.02	72.46 5.37 -13.69	61.36 5.24 -0.40	59.16 4.72 0.00	61.42 4.70 0.00
WEST CANADA___HYD 24049	58.10 0.35 0.00	96.83 0.40 0.00	68.55 0.27 0.00	59.76 0.18 0.00	66.11 0.20 0.00	68.34 0.21 0.00	58.84 0.19 0.00	53.12 0.17 0.00	50.64 0.20 0.00	48.99 0.14 0.00	53.04 0.10 0.00	53.08 0.10 0.00	62.98 0.11 0.00	58.66 0.12 0.00	59.16 0.12 0.00	74.55 0.23 0.00	65.32 0.27 0.00	69.25 0.42 0.00	62.43 0.41 0.00	53.11 0.21 0.00	53.59 0.18 0.00	55.86 0.14 0.00	54.55 0.11 0.00	56.85 0.14 0.00
WESTERN_NY_WIND 24143	55.33 -2.42 0.00	91.49 -4.95 0.00	65.10 -3.18 0.00	56.97 -2.62 0.00	63.15 -2.76 0.00	65.29 -2.85 0.00	55.76 -2.89 0.00	49.04 -3.44 0.46	47.21 -3.22 0.00	44.92 -3.02 0.91	47.66 -3.05 2.23	49.71 -3.27 0.00	59.07 -3.79 0.00	52.00 -3.51 3.03	54.19 -3.52 1.32	69.56 -4.24 0.53	61.79 -3.26 0.00	66.44 -2.39 0.00	59.62 -2.40 0.00	50.16 -2.74 0.00	50.78 -2.62 0.00	52.66 -3.06 0.00	51.87 -2.57 0.00	54.54 -2.17 0.00
WESTOVER___LESR 323668	57.47 -0.28 0.00	95.49 -0.95 0.00	67.60 -0.68 0.00	58.86 -0.72 0.00	65.20 -0.71 0.00	67.37 -0.76 0.00	57.96 -0.68 0.00	52.38 -0.68 -0.11	49.76 -0.68 0.00	48.39 -0.68 -0.22	52.85 -0.62 -0.53	52.25 -0.72 0.00	62.10 -0.77 0.00	58.41 -0.84 -0.71	58.67 -0.68 -0.31	73.54 -0.64 0.14	64.63 -0.42 0.00	68.87 0.04 0.00	62.16 0.14 0.00	52.38 -0.51 0.00	52.96 -0.44 0.00	55.13 -0.59 0.00	53.86 -0.58 0.00	56.19 -0.52 0.00
WETHRSFD_WT_PWR 323626	53.21 -4.54 0.00	87.91 -8.52 0.00	62.49 -5.78 0.00	54.64 -4.95 0.00	60.68 -5.24 0.00	62.63 -5.50 0.00	53.57 -5.07 0.00	44.77 -5.39 2.79	45.28 -5.14 0.02	38.50 -4.86 5.49	34.54 -4.98 13.41	48.08 -4.90 0.00	57.32 -5.55 0.00	34.96 -5.43 18.15	45.59 -5.49 7.95	67.00 -6.52 0.81	59.68 -5.37 0.00	64.31 -4.52 0.00	57.86 -4.16 0.00	48.59 -4.31 0.00	49.21 -4.19 0.00	51.15 -4.57 0.00	50.31 -4.13 0.00	52.95 -3.77 0.00
WHAVSTOR_138KV_BK127 55557	60.93 3.18 0.00	101.07 4.63 0.00	71.40 3.12 0.00	62.01 2.43 0.00	68.65 2.73 0.00	71.19 3.05 0.00	61.31 2.67 0.00	55.39 2.45 0.00	53.00 2.56 0.00	51.17 2.32 0.00	55.14 2.21 0.00	54.90 1.92 0.00	65.07 2.20 0.00	60.72 2.18 0.00	61.29 2.26 0.00	77.28 2.97 0.02	68.06 3.01 0.00	72.69 3.86 0.00	65.45 3.43 0.00	55.43 2.53 0.00	55.74 2.34 0.00	57.90 2.18 0.00	56.40 1.96 0.00	58.89 2.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	60.93 3.18 0.00	101.07 4.63 0.00	71.40 3.12 0.00	62.01 2.43 0.00	68.65 2.73 0.00	71.19 3.05 0.00	61.31 2.67 0.00	55.39 2.45 0.00	53.00 2.56 0.00	51.17 2.32 0.00	55.14 2.21 0.00	54.90 1.92 0.00	65.07 2.20 0.00	60.72 2.18 0.00	61.29 2.26 0.00	77.28 2.97 0.02	68.06 3.01 0.00	72.69 3.86 0.00	65.45 3.43 0.00	55.43 2.53 0.00	55.74 2.34 0.00	57.90 2.18 0.00	56.40 1.96 0.00	58.89 2.17 0.00
WHITEHAL_115KV_TB1 80871	62.80 5.05 0.00	104.15 7.71 0.00	73.80 5.53 0.00	64.45 4.86 0.00	71.14 5.22 0.00	73.15 5.01 0.00	63.30 4.66 0.00	57.52 4.58 0.00	54.51 4.07 0.00	52.18 3.33 0.00	55.85 2.91 0.00	55.56 2.59 0.00	66.08 3.22 0.00	62.51 3.98 0.00	63.53 4.49 0.00	80.64 6.31 0.00	70.83 5.78 0.00	75.23 6.39 0.00	68.37 6.35 0.00	57.67 4.77 0.00	58.05 4.64 0.00	60.29 4.57 0.00	58.30 3.86 0.00	60.41 3.70 0.00
WHITEPLN_13_KV_LOAD 356215	62.15 4.40 0.00	102.91 6.48 0.00	72.65 4.37 0.00	63.11 3.52 0.00	69.83 3.92 0.00	72.40 4.27 0.00	62.38 3.74 0.00	56.40 3.45 0.00	53.99 3.55 0.00	52.16 3.31 0.00	56.19 3.26 0.00	55.91 2.93 0.00	66.25 3.39 0.00	61.88 3.34 0.00	62.46 3.43 0.00	78.81 4.50 0.02	69.42 4.37 0.00	74.16 5.33 0.00	66.78 4.75 0.00	56.53 3.63 0.00	56.87 3.47 0.00	59.06 3.34 0.00	57.47 3.03 0.00	59.95 3.23 0.00
WM_FLOYD_69_KV_BK2 356380	64.01 6.26 0.00	105.71 9.27 0.00	75.07 6.79 0.00	65.19 5.61 0.00	71.97 6.06 0.00	74.94 6.81 0.00	64.56 5.92 0.00	58.40 5.45 0.00	55.64 5.21 0.00	53.46 4.61 0.00	57.40 4.46 0.00	56.02 3.05 0.00	66.21 3.34 0.00	62.63 4.09 0.00	63.56 4.52 0.00	93.89 6.69 -12.87	101.81 7.07 -29.69	84.97 8.21 -7.92	77.58 7.30 -8.25	126.74 5.82 -68.02	72.74 5.65 -13.69	61.59 5.47 -0.40	59.33 4.89 0.00	61.60 4.89 0.00
WOODARD___115KV_TB2 355635	56.56 -1.19 0.00	94.14 -2.30 0.00	66.64 -1.64 0.00	58.11 -1.47 0.00	64.33 -1.59 0.00	66.54 -1.60 0.00	57.25 -1.39 0.00	51.62 -1.33 0.00	49.20 -1.24 0.00	47.60 -1.25 0.00	51.57 -1.36 0.00	51.61 -1.37 0.00	61.28 -1.58 0.00	57.03 -1.52 0.00	57.57 -1.47 0.00	72.65 -1.68 0.00	63.75 -1.30 0.00	67.78 -1.06 0.00	61.04 -0.99 0.00	51.77 -1.13 0.00	52.25 -1.15 0.00	54.38 -1.34 0.00	53.10 -1.35 0.00	55.35 -1.36 0.00
YORK___WARBASSE 23770	62.05 4.30 0.00	102.46 6.02 0.00	72.35 4.07 0.00	62.76 3.18 0.00	69.45 3.54 0.00	72.07 3.94 0.00	62.08 3.44 0.00	56.14 3.20 0.00	53.83 3.39 0.00	52.05 3.20 0.00	56.01 3.07 0.00	55.72 2.74 0.00	66.02 3.16 0.00	61.60 3.05 0.00	62.06 3.02 0.00	78.16 3.86 0.02	68.87 3.82 0.00	73.53 4.69 0.00	66.20 4.17 0.00	56.13 3.23 0.00	56.47 3.06 0.00	58.64 2.92 0.00	57.11 2.67 0.00	59.62 2.91 0.00