

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

12/14/2024

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	80.17	61.80	61.24	62.43	60.99	64.74	64.87	69.26	67.33	52.77	52.47	52.04	43.47	49.34	51.81	68.61	74.50	70.28	61.73	58.00	59.37	55.07	57.36	57.05
24138	5.44	4.51	4.31	4.40	4.21	4.36	4.68	5.02	5.16	4.11	3.79	3.48	3.13	3.27	3.66	4.37	5.49	5.82	5.19	4.76	4.48	4.19	4.21	4.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.02	-0.18	-3.94	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	80.19	61.83	61.25	62.47	61.02	64.80	64.93	69.32	67.38	52.77	52.46	52.02	43.43	49.29	51.77	68.58	74.50	70.31	61.74	58.03	59.38	55.09	57.36	57.05
24260	5.46	4.54	4.33	4.43	4.23	4.42	4.74	5.08	5.21	4.11	3.78	3.47	3.09	3.23	3.62	4.33	5.49	5.85	5.19	4.79	4.50	4.21	4.22	4.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.01	-0.18	-3.93	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	80.19	61.83	61.25	62.47	61.02	64.80	64.93	69.32	67.38	52.77	52.46	52.02	43.43	49.29	51.77	68.58	74.50	70.31	61.74	58.03	59.38	55.09	57.36	57.05
24261	5.46	4.54	4.33	4.43	4.23	4.42	4.74	5.08	5.21	4.11	3.78	3.47	3.09	3.23	3.62	4.33	5.49	5.85	5.19	4.79	4.50	4.21	4.22	4.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.01	-0.18	-3.93	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	80.81	62.07	61.64	62.75	61.33	65.29	65.27	69.49	66.90	51.65	51.04	45.26	41.70	43.86	50.30	67.57	73.54	68.91	60.55	56.95	58.42	54.16	56.51	56.15
24011	6.08	4.77	4.72	4.72	4.55	4.91	5.08	5.25	4.73	2.99	2.36	1.72	1.54	1.73	2.15	3.33	4.52	4.44	4.00	3.71	3.54	3.28	3.36	3.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	81.50	62.58	62.17	63.23	61.80	65.78	65.74	70.12	67.45	51.93	51.30	45.38	41.79	43.96	50.49	67.88	74.07	69.37	61.02	57.35	58.81	54.51	56.84	56.50
23798	6.77	5.29	5.25	5.19	5.01	5.40	5.55	5.88	5.28	3.28	2.62	1.83	1.63	1.83	2.34	3.64	5.05	4.91	4.48	4.11	3.92	3.63	3.69	3.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	80.81	62.07	61.64	62.75	61.33	65.29	65.27	69.49	66.90	51.65	51.04	45.26	41.70	43.86	50.30	67.57	73.54	68.91	60.55	56.95	58.42	54.16	56.51	56.15
24028	6.08	4.77	4.72	4.72	4.55	4.91	5.08	5.25	4.73	2.99	2.36	1.72	1.54	1.73	2.15	3.33	4.52	4.44	4.00	3.71	3.54	3.28	3.36	3.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	79.97	61.56	61.15	62.26	60.78	64.73	64.66	68.72	66.48	51.80	51.55	46.63	42.48	45.15	50.90	68.01	73.73	69.09	60.70	57.31	58.81	54.51	57.01	56.72
23527	5.24	4.27	4.23	4.23	4.00	4.35	4.48	4.48	4.31	3.14	2.87	2.42	2.30	2.50	2.74	3.77	4.71	4.63	4.15	4.07	3.92	3.64	3.86	3.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	-0.02	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	77.42	59.57	59.19	60.32	58.87	62.62	62.54	66.57	64.46	50.31	50.02	44.69	41.23	43.22	49.09	65.47	70.81	66.36	58.27	54.94	56.37	52.38	55.04	54.80
24190	2.69	2.27	2.27	2.29	2.09	2.24	2.36	2.33	2.29	1.65	1.34	1.15	1.07	1.10	0.93	1.23	1.79	1.90	1.72	1.71	1.49	1.50	1.89	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	73.87	56.42	56.07	57.24	56.08	59.58	59.18	63.52	61.45	48.49	48.89	43.78	40.43	42.40	48.49	64.60	68.70	63.79	55.81	52.62	54.50	50.61	52.95	52.76
355683	-0.86	-0.87	-0.85	-0.80	-0.70	-0.80	-1.01	-0.72	-0.71	-0.16	0.21	0.23	0.27	0.27	0.34	0.36	-0.32	-0.67	-0.74	-0.62	-0.38	-0.27	-0.20	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	78.33	60.23	59.83	60.99	59.56	63.41	63.35	67.40	65.06	50.41	50.14	44.80	41.30	43.27	49.37	66.35	71.89	67.37	59.16	55.67	57.17	53.03	55.57	55.34
323833	3.60	2.94	2.91	2.96	2.78	3.04	3.16	3.17	2.89	1.76	1.46	1.25	1.14	1.14	1.21	2.11	2.87	2.90	2.61	2.44	2.28	2.15	2.43	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	78.30	60.20	59.82	60.98	59.56	63.39	63.31	67.39	65.03	50.40	50.13	44.79	41.29	43.26	49.36	66.33	71.86	67.35	59.16	55.65	57.15	53.02	55.57	55.32
323834	3.57	2.91	2.90	2.95	2.77	3.01	3.13	3.15	2.86	1.75	1.45	1.24	1.13	1.13	1.20	2.09	2.84	2.89	2.61	2.42	2.27	2.14	2.43	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	77.42	59.57	59.19	60.32	58.87	62.62	62.54	66.57	64.46	50.31	50.02	44.69	41.23	43.22	49.09	65.47	70.81	66.36	58.27	54.94	56.37	52.38	55.04	54.80
23571	2.69	2.27	2.27	2.29	2.09	2.24	2.36	2.33	2.29	1.65	1.34	1.15	1.07	1.10	0.93	1.23	1.79	1.90	1.72	1.71	1.49	1.50	1.89	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	77.42 2.69 0.00	59.57 2.27 0.00	59.19 2.27 0.00	60.32 2.29 0.00	58.87 2.09 0.00	62.62 2.24 0.00	62.54 2.36 0.00	66.57 2.33 0.00	64.46 2.29 0.00	50.31 1.65 0.00	50.02 1.34 0.00	44.69 1.15 0.00	41.23 1.07 0.00	43.22 1.10 0.00	49.09 0.93 0.00	65.47 1.23 0.00	70.81 1.79 0.00	66.36 1.90 0.00	58.27 1.72 0.00	54.94 1.71 0.00	56.37 1.49 0.00	52.38 1.50 0.00	55.04 1.89 0.00	54.80 1.91 0.00
ALBANY___3 23573	77.42 2.69 0.00	59.57 2.27 0.00	59.19 2.27 0.00	60.32 2.29 0.00	58.87 2.09 0.00	62.62 2.24 0.00	62.54 2.36 0.00	66.57 2.33 0.00	64.46 2.29 0.00	50.31 1.65 0.00	50.02 1.34 0.00	44.69 1.15 0.00	41.23 1.07 0.00	43.22 1.10 0.00	49.09 0.93 0.00	65.47 1.23 0.00	70.81 1.79 0.00	66.36 1.90 0.00	58.27 1.72 0.00	54.94 1.71 0.00	56.37 1.49 0.00	52.38 1.50 0.00	55.04 1.89 0.00	54.80 1.91 0.00
ALBANY___4 23574	77.42 2.69 0.00	59.57 2.27 0.00	59.19 2.27 0.00	60.32 2.29 0.00	58.87 2.09 0.00	62.62 2.24 0.00	62.54 2.36 0.00	66.57 2.33 0.00	64.46 2.29 0.00	50.31 1.65 0.00	50.02 1.34 0.00	44.69 1.15 0.00	41.23 1.07 0.00	43.22 1.10 0.00	49.09 0.93 0.00	65.47 1.23 0.00	70.81 1.79 0.00	66.36 1.90 0.00	58.27 1.72 0.00	54.94 1.71 0.00	56.37 1.49 0.00	52.38 1.50 0.00	55.04 1.89 0.00	54.80 1.91 0.00
ALBANY___LFGE 323615	77.99 3.25 0.00	59.99 2.70 0.00	59.60 2.68 0.00	60.74 2.70 0.00	59.27 2.49 0.00	63.06 2.69 0.00	62.99 2.81 0.00	67.07 2.83 0.00	64.92 2.75 0.00	50.65 1.99 0.00	50.40 1.71 0.00	45.01 1.47 0.00	41.54 1.38 0.00	43.56 1.43 0.00	49.55 1.40 0.00	66.15 1.90 0.00	71.57 2.55 0.00	67.06 2.59 0.00	58.89 2.34 0.00	55.49 2.26 0.00	56.96 2.07 0.00	52.88 2.00 0.00	55.48 2.33 0.00	55.22 2.32 0.00
ALCOA_PA_115KV_PL-6C 55860	74.12 -0.61 0.00	56.60 -0.69 0.00	56.26 -0.66 0.00	57.44 -0.59 0.00	56.26 -0.52 0.00	59.78 -0.60 0.00	59.38 -0.80 0.00	63.72 -0.53 0.00	61.64 -0.53 0.00	48.64 -0.02 0.00	49.04 0.35 0.00	43.89 0.35 0.00	40.55 0.39 0.00	42.53 0.40 0.00	48.64 0.49 0.00	64.80 0.55 0.00	68.91 -0.11 0.00	63.99 -0.48 0.00	55.98 -0.56 0.00	52.77 -0.47 0.00	54.66 -0.23 0.00	50.77 -0.11 0.00	53.11 -0.04 0.00	52.92 0.02 0.00
ALCOA_RYNLDS___DRP 24188	74.12 -0.61 0.00	56.60 -0.69 0.00	56.26 -0.66 0.00	57.44 -0.59 0.00	56.26 -0.52 0.00	59.78 -0.60 0.00	59.38 -0.80 0.00	63.72 -0.53 0.00	61.64 -0.53 0.00	48.64 -0.02 0.00	49.04 0.35 0.00	43.89 0.35 0.00	40.55 0.39 0.00	42.53 0.40 0.00	48.64 0.49 0.00	64.80 0.55 0.00	68.91 -0.11 0.00	63.99 -0.48 0.00	55.98 -0.56 0.00	52.77 -0.47 0.00	54.66 -0.23 0.00	50.77 -0.11 0.00	53.11 -0.04 0.00	52.92 0.02 0.00
ALCOA___DSASP 323711	74.12 -0.61 0.00	56.60 -0.69 0.00	56.27 -0.65 0.00	57.45 -0.58 0.00	56.26 -0.52 0.00	59.78 -0.60 0.00	59.38 -0.80 0.00	63.71 -0.52 0.00	61.64 -0.53 0.00	48.64 -0.02 0.00	49.04 0.35 0.00	43.89 0.35 0.00	40.55 0.39 0.00	42.53 0.40 0.00	48.64 0.49 0.00	64.79 0.55 0.00	68.90 -0.12 0.00	63.98 -0.48 0.00	55.98 -0.56 0.00	52.77 -0.47 0.00	54.66 -0.23 0.00	50.77 -0.11 0.00	53.11 -0.04 0.00	52.92 0.02 0.00
ALLEGHENY___COGEN 23514	76.95 2.23 0.00	58.23 0.94 0.00	57.93 1.01 0.00	58.80 0.77 0.00	57.64 0.86 0.00	61.11 0.74 0.00	60.50 0.32 0.00	63.25 -0.99 0.00	61.08 -1.09 0.00	46.89 -1.77 0.00	45.84 -2.85 0.00	40.72 -2.82 0.00	37.66 -2.50 0.00	39.39 -2.74 0.00	45.19 -2.97 0.00	61.10 -3.15 0.00	67.19 -1.72 0.11	63.09 -1.38 0.00	55.25 -1.30 0.00	51.76 -1.47 0.00	53.28 -1.61 0.00	49.02 -1.86 0.00	51.17 -1.98 0.00	52.00 -0.89 0.00
ALTAMONT_115KV_TB 2 55880	77.34 2.61 0.00	59.48 2.19 0.00	59.05 2.13 0.00	60.20 2.17 0.00	58.80 2.02 0.00	62.54 2.17 0.00	62.45 2.27 0.00	66.54 2.30 0.00	64.40 2.23 0.00	50.20 1.55 0.00	50.00 1.31 0.00	44.66 1.12 0.00	41.17 1.01 0.00	43.21 1.08 0.00	49.30 1.14 0.00	65.84 1.59 0.00	71.22 2.20 0.00	66.73 2.27 0.00	58.61 2.06 0.00	55.18 1.95 0.00	56.70 1.82 0.00	52.57 1.69 0.00	55.00 1.85 0.00	54.73 1.84 0.00
ALTONA_WT_PWR 323606	72.71 -2.02 0.00	55.79 -1.50 0.00	55.48 -1.44 0.00	57.12 -0.91 0.00	55.61 -1.18 0.00	59.04 -1.33 0.00	58.30 -1.89 0.00	62.79 -1.45 0.00	61.06 -1.11 0.00	48.92 0.27 0.00	49.54 0.86 0.00	44.35 0.81 0.00	40.89 0.73 0.00	42.86 0.73 0.00	49.18 1.03 0.00	65.92 1.67 0.00	69.97 0.95 0.00	64.66 0.20 0.00	56.53 -0.02 0.00	53.56 0.32 0.00	55.49 0.61 0.00	51.43 0.55 0.00	53.91 0.76 0.00	53.76 0.87 0.00
AMERICAN_REF_FUEL 24010	71.08 -3.65 0.00	54.76 -2.53 0.00	54.74 -2.18 0.00	55.44 -2.59 0.00	54.33 -2.46 0.00	57.45 -2.92 0.00	56.06 -4.13 0.00	57.31 -6.93 0.00	55.39 -6.78 0.00	43.70 -4.96 0.00	43.80 -4.88 0.00	39.50 -4.04 0.00	36.76 -3.40 0.00	38.50 -3.63 0.00	43.84 -4.31 0.00	57.96 -6.28 0.00	61.15 -7.48 0.40	57.40 -7.07 0.00	50.28 -6.26 0.00	47.20 -6.04 0.00	48.78 -6.11 0.00	45.25 -5.63 0.00	47.78 -5.36 0.00	47.97 -4.92 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	75.74 1.02 0.00	58.01 0.72 0.00	57.84 0.92 0.00	58.47 0.44 0.00	57.01 0.22 0.00	60.13 -0.25 0.00	58.74 -1.45 0.00	60.32 -3.92 0.00	57.93 -4.24 0.00	45.55 -3.11 0.00	45.52 -3.16 0.00	41.23 -2.32 0.00	38.52 -1.64 0.00	40.69 -1.44 0.00	46.56 -1.59 0.00	61.75 -2.49 0.00	64.96 -3.70 0.36	60.38 -4.09 0.00	52.37 -4.17 0.00	48.76 -4.47 0.00	50.10 -4.78 0.00	46.26 -4.62 0.00	48.61 -4.54 0.00	48.59 -4.30 0.00
ARTHUR KILL_GT_1 23520	79.56 4.83 0.00	61.52 4.23 0.00	61.05 4.13 0.00	62.18 4.15 0.00	60.82 4.04 0.00	64.37 4.00 0.00	64.45 4.26 0.00	68.74 4.50 0.00	66.93 4.76 0.00	52.77 4.11 0.00	52.46 3.78 0.00	51.91 3.36 -5.01	43.43 3.09 -0.18	49.27 3.21 -3.93	51.63 3.47 0.00	63.22 3.65 4.67	63.34 4.69 10.37	69.68 5.24 0.02	61.13 4.63 0.05	57.45 4.25 0.03	58.84 3.96 0.00	54.70 3.82 0.00	56.98 3.83 0.00	56.79 3.89 0.00
ARTHUR_KILL_2 23512	79.32 4.59 0.00	61.34 4.04 0.00	60.87 3.96 0.00	62.00 3.97 0.00	60.64 3.86 0.00	64.18 3.81 0.00	64.26 4.07 0.00	68.54 4.30 0.00	66.73 4.56 0.00	52.63 3.98 0.00	52.33 3.65 0.00	51.80 3.26 -5.01	43.33 2.99 -0.18	49.16 3.10 -3.93	51.49 3.34 0.00	63.03 3.46 4.67	63.12 4.46 10.37	69.45 5.01 0.02	60.91 4.41 0.05	57.28 4.08 0.03	58.66 3.77 0.00	54.53 3.65 0.00	56.80 3.65 0.00	56.62 3.73 0.00
ARTHUR_KILL_3 23513	79.13 4.40 0.00	61.09 3.79 0.00	60.54 3.62 0.00	61.70 3.67 0.00	60.29 3.51 0.00	64.00 3.62 0.00	64.14 3.96 0.00	68.43 4.19 0.00	66.50 4.33 0.00	52.14 3.49 0.00	51.84 3.16 0.00	51.44 2.89 -5.01	42.94 2.60 -0.18	48.76 2.69 -3.94	51.16 3.01 0.00	62.98 3.41 4.67	63.12 4.47 10.37	69.36 4.92 0.02	60.87 4.38 0.05	57.24 4.03 0.03	58.61 3.72 0.00	54.43 3.55 0.00	56.71 3.56 0.00	56.40 3.50 0.00

ARTHUR_KILL_COGEN 323718	79.56 4.83 0.00	61.52 4.23 0.00	61.05 4.13 0.00	62.18 4.15 0.00	60.82 4.04 0.00	64.37 4.00 0.00	64.45 4.26 0.00	68.74 4.50 0.00	66.93 4.76 0.00	52.77 4.11 0.00	52.46 3.78 0.00	51.91 3.36 -5.01	43.43 3.09 -0.18	49.27 3.21 -3.93	51.63 3.47 0.00	63.22 3.65 4.67	63.34 4.69 10.37	69.68 5.24 0.02	61.13 4.63 0.05	57.45 4.25 0.03	58.84 3.96 0.00	54.70 3.82 0.00	56.98 3.83 0.00	56.79 3.89 0.00
ASHOKAN____ 23654	81.94 7.21 0.00	62.95 5.66 0.00	62.42 5.50 0.00	63.65 5.62 0.00	62.25 5.47 0.00	66.32 5.94 0.00	66.55 6.36 0.00	71.16 6.91 0.00	68.90 6.73 0.00	53.34 4.69 0.00	52.61 3.93 0.00	46.80 3.26 0.00	42.95 2.79 0.00	45.10 2.97 0.00	51.65 3.49 0.00	69.62 5.38 0.00	76.18 7.16 0.00	71.89 7.43 0.00	63.15 6.60 0.00	59.32 6.08 0.00	60.77 5.88 0.00	56.25 5.37 0.00	58.51 5.36 0.00	58.08 5.19 0.00
ASTORIA_EAST_ENERGY_CC1 323581	79.49 4.76 0.00	61.36 4.07 0.00	60.79 3.87 0.00	61.96 3.92 0.00	60.57 3.78 0.00	64.29 3.91 0.00	64.46 4.28 0.00	68.84 4.61 0.00	66.91 4.74 0.00	52.42 3.76 0.00	52.17 3.48 0.00	51.72 3.17 -5.01	43.18 2.84 -0.18	49.02 2.96 -3.93	51.44 3.29 0.00	68.13 3.88 0.00	74.00 4.99 0.01	69.86 5.40 0.00	61.35 4.80 0.00	57.67 4.43 0.00	59.01 4.12 0.00	54.82 3.94 0.00	56.96 3.82 0.00	56.68 3.79 0.00
ASTORIA_EAST_ENERGY_CC2 323582	79.50 4.78 0.00	61.37 4.08 0.00	60.79 3.88 0.00	61.96 3.92 0.00	60.58 3.79 0.00	64.31 3.93 0.00	64.47 4.29 0.00	68.86 4.62 0.00	66.91 4.74 0.00	52.42 3.76 0.00	52.16 3.48 0.00	51.72 3.17 -5.01	43.19 2.85 -0.18	49.03 2.96 -3.93	51.44 3.28 0.00	68.13 3.88 0.00	74.02 5.01 0.01	69.87 5.41 0.00	61.36 4.81 0.00	57.66 4.43 0.00	59.02 4.13 0.00	54.82 3.94 0.00	56.96 3.82 0.00	56.69 3.80 0.00
ASTORIA_GT2_1 24094	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT2_2 24095	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT2_3 24096	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT2_4 24097	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT3_1 24098	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT3_2 24099	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT3_3 24100	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT3_4 24101	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT4_1 24102	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT4_2 24103	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT4_3 24104	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00

ASTORIA_GT4_4 24105	79.52 4.79 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.83 0.00	64.33 3.96 0.00	64.49 4.31 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.43 3.77 0.00	52.18 3.50 0.00	51.74 3.20 -5.01	43.18 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.91 5.44 0.00	61.41 4.87 0.00	57.70 4.46 0.00	59.04 4.15 0.00	54.83 3.95 0.00	57.00 3.85 0.00	56.70 3.81 0.00
ASTORIA_GT_1 23523	79.66 4.94 0.00	61.49 4.20 0.00	60.93 4.01 0.00	62.07 4.04 0.00	60.70 3.92 0.00	64.43 4.06 0.00	64.60 4.41 0.00	68.99 4.75 0.00	67.05 4.88 0.00	52.52 3.87 0.00	52.28 3.60 0.00	51.82 3.27 -5.01	43.27 2.93 -0.18	49.11 3.05 -3.93	51.54 3.38 0.00	68.28 4.03 0.00	74.17 5.16 0.01	70.03 5.57 0.00	61.49 4.94 0.00	57.78 4.55 0.00	59.14 4.25 0.00	54.93 4.05 0.00	57.08 3.93 0.00	56.80 3.91 0.00
ASTORIA_GT_10 24110	79.73 5.01 0.00	61.51 4.22 0.00	60.93 4.01 0.00	62.12 4.08 0.00	60.71 3.93 0.00	64.42 4.05 0.00	64.54 4.35 0.00	68.92 4.68 0.00	66.99 4.82 0.00	52.51 3.85 0.00	52.17 3.48 0.00	51.75 3.20 -5.01	43.22 2.88 -0.18	49.03 2.97 -3.93	51.45 3.29 0.00	68.12 3.88 0.00	73.97 4.95 0.01	69.83 5.36 0.00	61.35 4.81 0.00	57.69 4.46 0.00	59.06 4.17 0.00	54.81 3.93 0.00	57.06 3.91 0.00	56.76 3.87 0.00
ASTORIA_GT_11 24225	79.73 5.01 0.00	61.51 4.22 0.00	60.93 4.01 0.00	62.12 4.08 0.00	60.71 3.93 0.00	64.42 4.05 0.00	64.54 4.35 0.00	68.92 4.68 0.00	66.99 4.82 0.00	52.51 3.85 0.00	52.17 3.48 0.00	51.75 3.20 -5.01	43.22 2.88 -0.18	49.03 2.97 -3.93	51.45 3.29 0.00	68.12 3.88 0.00	73.97 4.95 0.01	69.83 5.36 0.00	61.35 4.81 0.00	57.69 4.46 0.00	59.06 4.17 0.00	54.81 3.93 0.00	57.06 3.91 0.00	56.76 3.87 0.00
ASTORIA_GT_12 24226	79.73 5.01 0.00	61.51 4.22 0.00	60.93 4.01 0.00	62.12 4.08 0.00	60.71 3.93 0.00	64.42 4.05 0.00	64.54 4.35 0.00	68.92 4.68 0.00	66.99 4.82 0.00	52.51 3.85 0.00	52.17 3.48 0.00	51.75 3.20 -5.01	43.22 2.88 -0.18	49.03 2.97 -3.93	51.45 3.29 0.00	68.12 3.88 0.00	73.97 4.95 0.01	69.83 5.36 0.00	61.35 4.81 0.00	57.69 4.46 0.00	59.06 4.17 0.00	54.81 3.93 0.00	57.06 3.91 0.00	56.76 3.87 0.00
ASTORIA_GT_13 24227	79.73 5.01 0.00	61.51 4.22 0.00	60.93 4.01 0.00	62.12 4.08 0.00	60.71 3.93 0.00	64.42 4.05 0.00	64.54 4.35 0.00	68.92 4.68 0.00	66.99 4.82 0.00	52.51 3.85 0.00	52.17 3.48 0.00	51.75 3.20 -5.01	43.22 2.88 -0.18	49.03 2.97 -3.93	51.45 3.29 0.00	68.12 3.88 0.00	73.97 4.95 0.01	69.83 5.36 0.00	61.35 4.81 0.00	57.69 4.46 0.00	59.06 4.17 0.00	54.81 3.93 0.00	57.06 3.91 0.00	56.76 3.87 0.00
ASTORIA_GT_5 24106	79.67 4.94 0.00	61.50 4.21 0.00	60.93 4.00 0.00	62.07 4.04 0.00	60.71 3.93 0.00	64.44 4.06 0.00	64.60 4.42 0.00	68.99 4.75 0.00	67.06 4.88 0.00	52.53 3.87 0.00	52.28 3.60 0.00	51.83 3.29 -5.01	43.27 2.93 -0.18	49.11 3.05 -3.93	51.54 3.38 0.00	68.28 4.03 0.00	74.17 5.16 0.01	70.04 5.58 0.00	61.53 4.98 0.00	57.81 4.57 0.00	59.15 4.27 0.00	54.93 4.05 0.00	57.09 3.94 0.00	56.81 3.91 0.00
ASTORIA_GT_7 24107	79.67 4.94 0.00	61.50 4.21 0.00	60.93 4.00 0.00	62.07 4.04 0.00	60.71 3.93 0.00	64.44 4.06 0.00	64.60 4.42 0.00	68.99 4.75 0.00	67.06 4.88 0.00	52.53 3.87 0.00	52.28 3.60 0.00	51.83 3.29 -5.01	43.27 2.93 -0.18	49.11 3.05 -3.93	51.54 3.38 0.00	68.28 4.03 0.00	74.17 5.16 0.01	70.04 5.58 0.00	61.53 4.98 0.00	57.81 4.57 0.00	59.15 4.27 0.00	54.93 4.05 0.00	57.09 3.94 0.00	56.81 3.91 0.00
ASTORIA_GT_8 24108	79.67 4.94 0.00	61.50 4.21 0.00	60.93 4.00 0.00	62.07 4.04 0.00	60.71 3.93 0.00	64.44 4.06 0.00	64.60 4.42 0.00	68.99 4.75 0.00	67.06 4.88 0.00	52.53 3.87 0.00	52.28 3.60 0.00	51.83 3.29 -5.01	43.27 2.93 -0.18	49.11 3.05 -3.93	51.54 3.38 0.00	68.28 4.03 0.00	74.17 5.16 0.01	70.04 5.58 0.00	61.53 4.98 0.00	57.81 4.57 0.00	59.15 4.27 0.00	54.93 4.05 0.00	57.09 3.94 0.00	56.81 3.91 0.00
ASTORIA___2 24149	79.53 4.80 0.00	61.39 4.09 0.00	60.83 3.91 0.00	61.98 3.94 0.00	60.60 3.82 0.00	64.33 3.95 0.00	64.49 4.31 0.00	68.87 4.63 0.00	66.93 4.76 0.00	52.43 3.78 0.00	52.18 3.50 0.00	51.73 3.18 -5.01	43.19 2.85 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.15 3.90 0.00	74.03 5.02 0.01	69.90 5.43 0.00	61.37 4.82 0.00	57.68 4.44 0.00	59.02 4.14 0.00	54.84 3.96 0.00	56.99 3.84 0.00	56.70 3.81 0.00
ASTORIA___3 23516	79.72 4.99 0.00	61.51 4.21 0.00	60.95 4.03 0.00	62.12 4.09 0.00	60.70 3.91 0.00	64.42 4.04 0.00	64.52 4.33 0.00	68.91 4.66 0.00	66.98 4.81 0.00	52.50 3.85 0.00	52.17 3.49 0.00	51.73 3.18 -5.01	43.21 2.88 -0.18	49.03 2.96 -3.93	51.44 3.28 0.00	68.11 3.86 0.00	73.97 4.95 0.01	69.83 5.37 0.00	61.34 4.79 0.00	57.67 4.43 0.00	59.04 4.15 0.00	54.80 3.92 0.00	57.05 3.90 0.00	56.76 3.86 0.00
ASTORIA___4 23517	79.73 5.00 0.00	61.51 4.22 0.00	60.93 4.01 0.00	62.12 4.08 0.00	60.71 3.93 0.00	64.42 4.05 0.00	64.52 4.33 0.00	68.91 4.66 0.00	66.97 4.80 0.00	52.50 3.85 0.00	52.17 3.48 0.00	51.75 3.20 -5.01	43.21 2.88 -0.18	49.02 2.96 -3.93	51.44 3.28 0.00	68.11 3.86 0.00	73.97 4.95 0.01	69.83 5.36 0.00	61.34 4.80 0.00	57.67 4.44 0.00	59.04 4.16 0.00	54.80 3.92 0.00	57.05 3.91 0.00	56.76 3.86 0.00
ASTORIA___5 23518	79.72 4.99 0.00	61.51 4.21 0.00	60.95 4.03 0.00	62.12 4.09 0.00	60.70 3.91 0.00	64.42 4.04 0.00	64.52 4.33 0.00	68.91 4.66 0.00	66.98 4.81 0.00	52.50 3.85 0.00	52.17 3.48 0.00	51.73 3.18 -5.01	43.21 2.87 -0.18	49.03 2.96 -3.93	51.44 3.28 0.00	68.11 3.86 0.00	73.97 4.95 0.01	69.83 5.37 0.00	61.34 4.79 0.00	57.67 4.43 0.00	59.04 4.15 0.00	54.80 3.92 0.00	57.05 3.90 0.00	56.76 3.86 0.00
AST_ENERGY_2_CC3 323677	79.55 4.82 0.00	61.41 4.12 0.00	60.83 3.91 0.00	62.02 3.98 0.00	60.58 3.79 0.00	64.33 3.96 0.00	64.45 4.26 0.00	68.80 4.56 0.00	66.82 4.65 0.00	52.34 3.68 0.00	52.07 3.38 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.42 3.26 0.00	68.06 3.82 0.00	73.90 4.89 0.01	69.77 5.31 0.00	61.30 4.75 0.00	57.63 4.39 0.00	58.87 3.99 0.00	54.62 3.74 0.00	56.86 3.71 0.00	56.62 3.72 0.00
AST_ENERGY_2_CC4 323678	79.55 4.82 0.00	61.41 4.12 0.00	60.83 3.91 0.00	62.02 3.98 0.00	60.58 3.79 0.00	64.33 3.96 0.00	64.45 4.26 0.00	68.80 4.56 0.00	66.82 4.65 0.00	52.34 3.68 0.00	52.07 3.38 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.42 3.26 0.00	68.06 3.82 0.00	73.90 4.89 0.01	69.77 5.31 0.00	61.30 4.75 0.00	57.63 4.39 0.00	58.87 3.99 0.00	54.62 3.74 0.00	56.86 3.71 0.00	56.62 3.72 0.00

ATHENS_STG_1 23668	77.78 3.05 0.00	59.83 2.53 0.00	59.36 2.44 0.00	60.53 2.50 0.00	59.14 2.35 0.00	62.89 2.51 0.00	62.86 2.67 0.00	67.01 2.77 0.00	64.89 2.72 0.00	50.64 1.98 0.00	50.42 1.73 0.00	45.99 1.52 -0.92	41.54 1.35 -0.03	44.30 1.44 -0.72	49.74 1.58 0.00	66.29 2.05 0.00	71.75 2.73 0.00	67.35 2.88 0.00	59.17 2.62 0.00	55.68 2.45 0.00	57.17 2.28 0.00	53.00 2.12 0.00	55.31 2.17 0.00	55.04 2.15 0.00
ATHENS_STG_2 23670	77.78 3.05 0.00	59.83 2.53 0.00	59.36 2.44 0.00	60.53 2.50 0.00	59.14 2.35 0.00	62.89 2.51 0.00	62.86 2.67 0.00	67.01 2.77 0.00	64.89 2.72 0.00	50.64 1.98 0.00	50.42 1.73 0.00	45.99 1.52 -0.92	41.54 1.35 -0.03	44.30 1.44 -0.72	49.74 1.58 0.00	66.29 2.05 0.00	71.75 2.73 0.00	67.35 2.88 0.00	59.17 2.62 0.00	55.68 2.45 0.00	57.17 2.28 0.00	53.00 2.12 0.00	55.31 2.17 0.00	55.04 2.15 0.00
ATHENS_STG_3 23677	77.78 3.05 0.00	59.83 2.53 0.00	59.36 2.44 0.00	60.53 2.50 0.00	59.14 2.35 0.00	62.89 2.51 0.00	62.86 2.67 0.00	67.01 2.77 0.00	64.89 2.72 0.00	50.64 1.98 0.00	50.42 1.73 0.00	45.99 1.52 -0.92	41.54 1.35 -0.03	44.30 1.44 -0.72	49.74 1.58 0.00	66.29 2.05 0.00	71.75 2.73 0.00	67.35 2.88 0.00	59.17 2.62 0.00	55.68 2.45 0.00	57.17 2.28 0.00	53.00 2.12 0.00	55.31 2.17 0.00	55.04 2.15 0.00
AUBURN___LFGE 323710	75.50 0.77 0.00	57.66 0.36 0.00	57.36 0.44 0.00	58.39 0.35 0.00	57.15 0.37 0.00	60.76 0.39 0.00	60.52 0.34 0.00	64.25 0.01 0.00	62.13 -0.04 0.00	48.13 -0.52 0.00	47.90 -0.78 0.00	42.81 -0.73 0.00	39.65 -0.51 0.00	41.53 -0.61 0.00	47.56 -0.60 0.00	63.55 -0.69 0.00	68.98 -0.04 0.00	64.62 0.15 0.00	56.73 0.18 0.00	53.46 0.22 0.00	55.07 0.18 0.00	50.80 -0.08 0.00	53.05 -0.10 0.00	52.82 -0.07 0.00
BABYLON_RES_REC 323704	81.37 6.64 0.00	62.72 5.42 0.00	62.11 5.19 0.00	63.59 5.55 0.00	61.98 5.20 0.00	66.02 5.65 0.00	66.25 6.06 0.00	70.75 6.51 0.00	68.57 6.40 0.00	53.13 4.48 0.00	52.76 4.08 0.00	52.04 3.51 -4.99	43.33 3.00 -0.18	49.47 3.42 -3.92	52.43 4.28 0.00	69.95 5.70 0.00	79.18 6.95 -3.21	72.85 7.42 -0.97	63.00 6.45 -0.01	105.55 6.09 -46.23	60.67 5.77 0.00	78.94 5.40 -22.67	58.46 5.32 0.00	58.13 5.24 0.00
BABYLON__69_KV_BK2 356345	82.33 7.60 0.00	63.42 6.13 0.00	62.83 5.91 0.00	64.35 6.31 0.00	62.72 5.94 0.00	66.80 6.42 0.00	67.08 6.89 0.00	71.65 7.41 0.00	69.42 7.24 0.00	53.74 5.08 0.00	53.34 4.66 0.00	52.58 4.04 -4.99	43.81 3.48 -0.18	50.01 3.96 -3.92	53.08 4.92 0.00	70.86 6.61 0.00	80.23 8.00 -3.21	73.90 8.47 -0.97	63.92 7.37 -0.01	106.42 6.96 -46.23	61.55 6.66 0.00	79.73 6.18 -22.67	59.27 6.12 0.00	58.87 5.98 0.00
BALL_HILL_WT_PWR 323825	74.30 -0.43 0.00	56.98 -0.31 0.00	56.88 -0.04 0.00	57.59 -0.45 0.00	56.32 -0.46 0.00	59.55 -0.82 0.00	58.22 -1.97 0.00	59.89 -4.35 0.00	57.79 -4.38 0.00	45.39 -3.27 0.00	45.38 -3.30 0.00	41.00 -2.55 0.00	38.18 -1.98 0.00	40.06 -2.06 0.00	45.79 -2.36 0.00	60.75 -3.49 0.00	64.07 -4.57 0.39	59.88 -4.58 0.00	52.27 -4.28 0.00	48.87 -4.37 0.00	50.43 -4.45 0.00	46.60 -4.28 0.00	49.02 -4.13 0.00	49.10 -3.79 0.00
BARON_WINDS___WT_PWR 323822	74.88 0.15 0.00	57.33 0.04 0.00	57.24 0.32 0.00	58.15 0.12 0.00	56.86 0.08 0.00	60.26 -0.12 0.00	59.67 -0.52 0.00	62.29 -1.95 0.00	60.04 -2.13 0.00	46.26 -2.40 0.00	45.72 -2.96 0.00	41.07 -2.47 0.00	37.99 -2.17 0.00	39.90 -2.23 0.00	45.83 -2.33 0.00	61.68 -2.56 0.00	66.15 -2.68 0.20	61.44 -3.02 0.00	53.78 -2.76 0.00	50.28 -2.95 0.00	51.81 -3.07 0.00	47.53 -3.35 0.00	49.56 -3.59 0.00	49.37 -3.52 0.00
BARRETT_IC_1 23704	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_10 23701	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_11 23702	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_12 23703	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_2 23705	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_3 23706	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_4 23707	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00

BARRETT_IC_5 23708	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_6 23709	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_7 23710	80.52 5.79 0.00	62.11 4.81 0.00	61.50 4.58 0.00	62.90 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.61 5.37 0.00	67.50 5.33 0.00	52.54 3.88 0.00	52.32 3.64 0.00	51.71 3.18 -4.99	43.00 2.67 -0.18	49.02 2.97 -3.92	51.76 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.22 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	77.99 4.45 -22.67	57.53 4.38 0.00	57.19 4.29 0.00
BARRETT_IC_8 23711	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT_IC_9 23700	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT___1 23545	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BARRETT___2 23546	80.52 5.79 0.00	62.10 4.81 0.00	61.52 4.60 0.00	62.91 4.87 0.00	61.36 4.58 0.00	65.27 4.90 0.00	65.35 5.16 0.00	69.60 5.37 0.00	67.49 5.32 0.00	52.54 3.89 0.00	52.32 3.64 0.00	51.71 3.17 -4.99	43.01 2.67 -0.18	49.03 2.97 -3.92	51.75 3.60 0.00	68.85 4.61 0.00	77.93 5.70 -3.21	71.45 6.02 -0.97	61.78 5.23 -0.01	104.39 4.92 -46.23	59.67 4.78 0.00	78.00 4.45 -22.67	57.52 4.37 0.00	57.19 4.30 0.00
BATAVIA__115KV_TB1 55881	74.41 -0.32 0.00	57.17 -0.13 0.00	57.05 0.13 0.00	57.85 -0.18 0.00	56.66 -0.12 0.00	60.05 -0.33 0.00	58.97 -1.22 0.00	60.95 -3.29 0.00	58.92 -3.24 0.00	46.13 -2.53 0.00	45.84 -2.85 0.00	41.15 -2.40 0.00	38.24 -1.92 0.00	40.21 -1.92 0.00	45.72 -2.44 0.00	60.92 -3.32 0.00	65.29 -3.50 0.23	61.32 -3.14 0.00	53.72 -2.83 0.00	50.36 -2.87 0.00	51.97 -2.91 0.00	48.08 -2.80 0.00	50.51 -2.64 0.00	50.55 -2.34 0.00
BAYONEEC___CTG1 323682	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BAYONEEC___CTG10 323750	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BAYONEEC___CTG2 323683	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BAYONEEC___CTG3 323684	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BAYONEEC___CTG4 323685	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BAYONEEC___CTG5 323686	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BAYONEEC___CTG6 323687	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00

BAYONEEC___CTG7 323688	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BAYONEEC___CTG8 323689	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BAYONEEC___CTG9 323749	79.58 4.85 0.00	61.40 4.10 0.00	60.86 3.93 0.00	62.04 4.01 0.00	60.60 3.82 0.00	64.32 3.94 0.00	64.44 4.26 0.00	68.78 4.54 0.00	66.84 4.67 0.00	52.39 3.73 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.41 3.25 0.00	68.03 3.79 0.00	60.31 4.87 13.58	65.52 5.27 4.22	57.04 4.69 4.20	53.52 4.33 4.04	55.05 4.02 3.85	51.71 3.79 2.96	55.80 3.79 1.14	56.66 3.77 0.00
BEACON___LESR 323632	78.62 3.89 0.00	60.45 3.15 0.00	60.09 3.17 0.00	61.19 3.16 0.00	59.78 3.00 0.00	63.56 3.18 0.00	63.74 3.56 0.00	67.80 3.56 0.00	65.55 3.38 0.00	51.06 2.41 0.00	50.79 2.11 0.00	45.39 1.85 0.00	41.54 1.38 0.00	43.46 1.33 0.00	49.50 1.35 0.00	66.15 1.91 0.00	71.39 2.37 0.00	66.94 2.48 0.00	58.81 2.27 0.00	55.42 2.18 0.00	57.56 2.67 0.00	53.33 2.45 0.00	55.90 2.76 0.00	55.65 2.76 0.00
BEAVER RIVER___HYD 24048	75.24 0.51 0.00	58.04 0.74 0.00	57.87 0.95 0.00	59.28 1.25 0.00	58.22 1.44 0.00	61.86 1.48 0.00	60.96 0.77 0.00	65.15 0.92 0.00	63.11 0.94 0.00	49.02 0.36 0.00	48.79 0.10 0.00	43.67 0.12 0.00	40.14 -0.02 0.00	41.93 -0.19 0.00	48.07 -0.08 0.00	65.05 0.81 0.00	70.51 1.49 0.00	66.24 1.78 0.00	58.00 1.46 0.00	54.59 1.36 0.00	56.11 1.23 0.00	51.84 0.97 0.00	54.30 1.15 0.00	54.26 1.37 0.00
BEEBEE_GT_13 23619	73.70 -1.03 0.00	56.54 -0.76 0.00	56.36 -0.57 0.00	57.23 -0.80 0.00	56.04 -0.74 0.00	59.47 -0.90 0.00	58.70 -1.49 0.00	61.46 -2.78 0.00	59.48 -2.69 0.00	46.59 -2.07 0.00	46.56 -2.13 0.00	41.74 -1.80 0.00	38.67 -1.49 0.00	40.43 -1.70 0.00	46.27 -1.88 0.00	61.74 -2.51 0.00	66.21 -2.84 -0.03	61.89 -2.57 0.00	54.17 -2.37 0.00	50.86 -2.38 0.00	52.44 -2.44 0.00	48.53 -2.35 0.00	50.87 -2.28 0.00	50.84 -2.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	80.29 5.56 0.00	61.99 4.69 0.00	61.44 4.52 0.00	62.61 4.58 0.00	61.20 4.42 0.00	64.86 4.49 0.00	64.97 4.79 0.00	69.35 5.12 0.00	67.47 5.30 0.00	53.05 4.39 0.00	52.73 4.04 0.00	52.22 3.67 -5.01	43.67 3.34 -0.18	49.51 3.45 -3.93	51.97 3.81 0.00	68.64 4.40 0.00	74.47 5.45 0.01	70.35 5.89 0.00	61.82 5.27 0.00	58.10 4.86 0.00	59.48 4.60 0.00	55.24 4.36 0.00	57.53 4.38 0.00	57.24 4.35 0.00
BETHLEHEM___GRP 23843	77.42 2.69 0.00	59.57 2.27 0.00	59.19 2.27 0.00	60.32 2.29 0.00	58.87 2.09 0.00	62.62 2.24 0.00	62.54 2.36 0.00	66.57 2.33 0.00	64.46 2.29 0.00	50.31 1.65 0.00	50.02 1.34 0.00	44.69 1.15 0.00	41.23 1.07 0.00	43.22 1.10 0.00	49.09 0.93 0.00	65.47 1.23 0.00	70.81 1.79 0.00	66.36 1.90 0.00	58.27 1.72 0.00	54.94 1.71 0.00	56.37 1.49 0.00	52.38 1.50 0.00	55.04 1.89 0.00	54.80 1.91 0.00
BETHLEHEM___GS1 323560	77.42 2.69 0.00	59.57 2.27 0.00	59.20 2.27 0.00	60.32 2.29 0.00	58.87 2.09 0.00	62.62 2.24 0.00	62.54 2.36 0.00	66.57 2.33 0.00	64.44 2.27 0.00	50.31 1.65 0.00	50.02 1.34 0.00	44.69 1.15 0.00	41.23 1.08 0.00	43.22 1.09 0.00	49.09 0.94 0.00	65.47 1.23 0.00	70.81 1.79 0.00	66.36 1.90 0.00	58.27 1.73 0.00	54.94 1.71 0.00	56.37 1.49 0.00	52.38 1.50 0.00	55.04 1.89 0.00	54.80 1.90 0.00
BETHLEHEM___GS2 323561	77.42 2.69 0.00	59.57 2.27 0.00	59.20 2.27 0.00	60.32 2.29 0.00	58.87 2.09 0.00	62.62 2.24 0.00	62.54 2.36 0.00	66.57 2.33 0.00	64.44 2.27 0.00	50.31 1.65 0.00	50.02 1.34 0.00	44.69 1.15 0.00	41.23 1.08 0.00	43.22 1.09 0.00	49.09 0.94 0.00	65.47 1.23 0.00	70.81 1.79 0.00	66.36 1.90 0.00	58.27 1.73 0.00	54.94 1.71 0.00	56.37 1.49 0.00	52.38 1.50 0.00	55.04 1.89 0.00	54.80 1.90 0.00
BETHLEHEM___GS3 323562	77.42 2.69 0.00	59.57 2.27 0.00	59.20 2.27 0.00	60.32 2.29 0.00	58.87 2.09 0.00	62.62 2.24 0.00	62.54 2.36 0.00	66.57 2.33 0.00	64.44 2.27 0.00	50.31 1.65 0.00	50.02 1.34 0.00	44.69 1.15 0.00	41.23 1.08 0.00	43.22 1.09 0.00	49.09 0.94 0.00	65.47 1.23 0.00	70.81 1.79 0.00	66.36 1.90 0.00	58.27 1.73 0.00	54.94 1.71 0.00	56.37 1.49 0.00	52.38 1.50 0.00	55.04 1.89 0.00	54.80 1.90 0.00
BETHLEHEM___STEEL 23779	73.89 -0.84 0.00	56.69 -0.60 0.00	56.65 -0.27 0.00	57.36 -0.67 0.00	56.14 -0.64 0.00	59.41 -0.96 0.00	58.08 -2.11 0.00	59.82 -4.42 0.00	57.81 -4.36 0.00	45.43 -3.22 0.00	45.46 -3.23 0.00	40.95 -2.59 0.00	38.15 -2.01 0.00	39.94 -2.19 0.00	45.62 -2.54 0.00	60.51 -3.74 0.00	63.90 -4.74 0.38	59.82 -4.64 0.00	52.33 -4.21 0.00	49.05 -4.19 0.00	50.67 -4.21 0.00	46.85 -4.03 0.00	49.30 -3.85 0.00	49.45 -3.44 0.00
BETHLHEM_115KV_TB1 79974	77.39 2.66 0.00	59.54 2.25 0.00	59.14 2.23 0.00	60.29 2.26 0.00	58.85 2.07 0.00	62.59 2.21 0.00	62.51 2.33 0.00	66.56 2.32 0.00	64.44 2.27 0.00	50.29 1.63 0.00	50.03 1.34 0.00	44.69 1.15 0.00	41.23 1.07 0.00	43.23 1.10 0.00	49.14 0.98 0.00	65.55 1.31 0.00	70.89 1.86 0.00	66.43 1.97 0.00	58.34 1.79 0.00	54.99 1.75 0.00	56.44 1.56 0.00	52.42 1.54 0.00	55.03 1.89 0.00	54.77 1.88 0.00
BETHPAGE_CC_5 323564	80.64 5.91 0.00	62.18 4.89 0.00	61.64 4.72 0.00	63.06 5.03 0.00	61.45 4.67 0.00	65.41 5.03 0.00	65.62 5.43 0.00	70.06 5.82 0.00	67.92 5.75 0.00	52.76 4.11 0.00	52.40 3.72 0.00	51.76 3.22 -4.99	43.11 2.77 -0.18	49.18 3.12 -3.92	52.01 3.86 0.00	69.27 5.02 0.00	78.42 6.19 -3.21	72.07 6.64 -0.97	62.33 5.78 -0.01	104.92 5.46 -46.23	60.06 5.17 0.00	78.39 4.84 -22.67	57.89 4.74 0.00	57.55 4.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	74.21 -0.52 0.00	56.92 -0.37 0.00	56.88 -0.04 0.00	57.62 -0.42 0.00	56.39 -0.39 0.00	59.68 -0.70 0.00	58.36 -1.82 0.00	60.14 -4.10 0.00	58.13 -4.04 0.00	45.69 -2.96 0.00	45.72 -2.97 0.00	41.18 -2.36 0.00	38.36 -1.80 0.00	40.15 -1.98 0.00	45.85 -2.31 0.00	60.83 -3.41 0.00	64.24 -4.41 0.38	60.15 -4.32 0.00	52.61 -3.94 0.00	49.31 -3.93 0.00	50.95 -3.93 0.00	47.09 -3.79 0.00	49.52 -3.62 0.00	49.65 -3.24 0.00

BINGHAMTON___COGEN 23790	75.60 0.87 0.00	57.93 0.63 0.00	57.67 0.75 0.00	58.75 0.72 0.00	57.46 0.67 0.00	61.03 0.66 0.00	60.91 0.73 0.00	64.59 0.35 0.00	62.55 0.38 0.00	48.61 -0.04 0.00	48.29 -0.39 0.00	43.27 -0.27 0.00	39.87 -0.29 0.00	41.83 -0.30 0.00	47.88 -0.27 0.00	64.05 -0.20 0.00	69.10 0.14 0.07	64.64 0.18 0.00	56.87 0.32 0.00	53.41 0.17 0.00	54.94 0.06 0.00	50.71 -0.17 0.00	52.90 -0.25 0.00	52.67 -0.22 0.00
BIXINCNT_115KV_LOAD 355685	75.75 1.02 0.00	58.14 0.84 0.00	58.03 1.11 0.00	58.81 0.78 0.00	57.42 0.64 0.00	60.83 0.46 0.00	59.53 -0.66 0.00	61.03 -3.21 0.00	58.91 -3.26 0.00	46.41 -2.25 0.00	46.46 -2.22 0.00	41.78 -1.76 0.00	39.01 -1.15 0.00	40.78 -1.35 0.00	46.60 -1.56 0.00	61.85 -2.39 0.00	65.15 -3.53 0.34	60.68 -3.78 0.00	52.66 -3.89 0.00	49.32 -3.92 0.00	51.23 -3.66 0.00	46.99 -3.88 0.00	48.97 -4.17 0.00	48.85 -4.05 0.00
BLACK RIVER___HYD 24047	75.25 0.52 0.00	57.98 0.69 0.00	57.83 0.91 0.00	59.22 1.19 0.00	58.21 1.42 0.00	62.09 1.72 0.00	61.58 1.39 0.00	65.88 1.64 0.00	63.83 1.66 0.00	49.39 0.74 0.00	49.12 0.44 0.00	43.80 0.26 0.00	40.31 0.15 0.00	42.06 -0.07 0.00	48.21 0.06 0.00	65.28 1.04 0.00	71.22 2.20 0.00	67.06 2.59 0.00	58.73 2.19 0.00	55.26 2.02 0.00	56.74 1.85 0.00	52.38 1.50 0.00	54.73 1.58 0.00	54.38 1.48 0.00
BLACKRVR_115KV_TB2 79977	75.25 0.52 0.00	57.98 0.69 0.00	57.84 0.92 0.00	59.22 1.19 0.00	58.21 1.42 0.00	62.09 1.72 0.00	61.58 1.39 0.00	65.88 1.65 0.00	63.84 1.67 0.00	49.39 0.74 0.00	49.12 0.44 0.00	43.79 0.25 0.00	40.31 0.15 0.00	42.06 -0.07 0.00	48.21 0.06 0.00	65.28 1.04 0.00	71.23 2.20 0.00	67.06 2.59 0.00	58.73 2.19 0.00	55.26 2.02 0.00	56.74 1.85 0.00	52.38 1.50 0.00	54.73 1.59 0.00	54.38 1.49 0.00
BLISS_WT_PWR 323608	75.85 1.12 0.00	58.24 0.95 0.00	58.08 1.16 0.00	58.88 0.84 0.00	57.47 0.69 0.00	60.91 0.54 0.00	59.56 -0.63 0.00	60.90 -3.34 0.00	58.79 -3.38 0.00	46.34 -2.32 0.00	46.43 -2.25 0.00	41.78 -1.76 0.00	39.01 -1.15 0.00	40.80 -1.33 0.00	46.61 -1.54 0.00	61.90 -2.34 0.00	65.14 -3.54 0.34	60.58 -3.88 0.00	52.45 -4.10 0.00	49.11 -4.13 0.00	51.10 -3.79 0.00	46.77 -4.11 0.00	48.66 -4.49 0.00	48.44 -4.45 0.00
BLUESTONE___WT_PWR 323821	80.13 5.40 0.00	61.33 4.04 0.00	61.01 4.09 0.00	62.37 4.34 0.00	61.00 4.22 0.00	65.00 4.62 0.00	65.05 4.86 0.00	69.36 5.12 0.00	67.07 4.90 0.00	51.70 3.04 0.00	51.28 2.60 0.00	45.76 2.22 0.00	42.13 1.97 0.00	44.18 2.06 0.00	50.69 2.54 0.00	68.29 4.05 0.00	74.20 5.22 0.04	69.65 5.19 0.00	61.20 4.65 0.00	57.45 4.21 0.00	58.71 3.83 0.00	53.50 2.62 0.00	54.70 1.55 0.00	53.73 0.83 0.00
BLUE_CIRC_CHEM_DRP 24182	77.62 2.90 0.00	59.69 2.40 0.00	59.31 2.39 0.00	60.44 2.40 0.00	59.01 2.23 0.00	62.79 2.42 0.00	62.70 2.51 0.00	66.75 2.51 0.00	64.51 2.34 0.00	50.17 1.51 0.00	49.95 1.26 0.00	44.64 1.10 0.00	41.18 1.02 0.00	43.17 1.04 0.00	49.22 1.06 0.00	65.90 1.66 0.00	71.25 2.23 0.00	66.73 2.26 0.00	58.61 2.06 0.00	55.19 1.95 0.00	56.69 1.81 0.00	52.59 1.71 0.00	55.11 1.97 0.00	54.88 1.99 0.00
BOC_GAS_DRP 24189	77.08 2.35 0.00	59.28 1.99 0.00	58.86 1.94 0.00	60.01 1.97 0.00	58.61 1.83 0.00	62.34 1.97 0.00	62.26 2.07 0.00	66.32 2.08 0.00	64.20 2.03 0.00	50.11 1.45 0.00	49.92 1.23 0.00	44.62 1.07 0.00	41.13 0.97 0.00	43.15 1.02 0.00	49.20 1.04 0.00	65.62 1.38 0.00	70.94 1.92 0.00	66.47 2.00 0.00	58.38 1.83 0.00	54.97 1.73 0.00	56.47 1.59 0.00	52.38 1.50 0.00	54.82 1.67 0.00	54.57 1.68 0.00
BOONVILLE_115KV_TB1 79983	76.57 1.84 0.00	58.89 1.60 0.00	58.63 1.71 0.00	59.90 1.87 0.00	58.73 1.95 0.00	62.50 2.13 0.00	62.15 1.96 0.00	66.34 2.10 0.00	64.29 2.12 0.00	50.00 1.35 0.00	49.75 1.07 0.00	44.45 0.91 0.00	40.88 0.72 0.00	42.81 0.68 0.00	49.04 0.89 0.00	65.95 1.71 0.00	71.38 2.35 0.00	66.89 2.43 0.00	58.64 2.10 0.00	55.17 1.94 0.00	56.74 1.86 0.00	52.46 1.58 0.00	54.74 1.59 0.00	54.42 1.53 0.00
BORALEX_4TH_BRANCH 23824	79.97 5.24 0.00	61.56 4.27 0.00	61.14 4.22 0.00	62.26 4.23 0.00	60.78 4.00 0.00	64.74 4.36 0.00	64.66 4.48 0.00	68.72 4.48 0.00	66.47 4.30 0.00	51.80 3.14 0.00	51.55 2.87 0.00	46.63 2.42 -0.67	42.48 2.30 -0.02	45.15 2.50 -0.52	50.89 2.74 0.00	68.02 3.77 0.00	73.73 4.71 0.00	69.09 4.63 0.00	60.70 4.15 0.00	57.31 4.07 0.00	58.81 3.92 0.00	54.51 3.63 0.00	57.01 3.86 0.00	56.72 3.82 0.00
BOWLINE___1 23526	78.39 3.66 0.00	60.42 3.14 0.00	59.84 2.92 0.00	61.08 3.05 0.00	59.65 2.87 0.00	63.43 3.06 0.00	63.57 3.39 0.00	67.85 3.61 0.00	65.85 3.68 0.00	51.39 2.74 0.00	51.08 2.40 0.00	38.43 2.16 7.28	41.76 1.86 0.26	38.37 1.96 5.72	50.34 2.18 0.00	66.86 2.61 0.00	72.69 3.67 0.01	68.59 4.12 0.00	60.22 3.67 0.00	56.59 3.35 0.00	57.98 3.10 0.00	53.78 2.90 0.00	55.97 2.82 0.00	55.70 2.81 0.00
BOWLINE___2 23595	78.39 3.66 0.00	60.42 3.14 0.00	59.84 2.92 0.00	61.08 3.05 0.00	59.65 2.87 0.00	63.44 3.06 0.00	63.57 3.39 0.00	67.85 3.61 0.00	65.85 3.68 0.00	51.38 2.72 0.00	51.08 2.40 0.00	38.43 2.17 7.28	41.77 1.87 0.26	38.38 1.97 5.72	50.36 2.21 0.00	66.86 2.61 0.00	72.69 3.67 0.01	68.59 4.12 0.00	60.20 3.65 0.00	56.58 3.35 0.00	57.97 3.09 0.00	53.78 2.90 0.00	55.97 2.82 0.00	55.69 2.80 0.00
BRADY___115KV_TB2 356060	78.09 3.36 0.00	60.12 2.83 0.00	59.88 2.96 0.00	61.39 3.36 0.00	60.19 3.41 0.00	63.15 2.78 0.00	60.06 -0.13 0.00	64.18 -0.06 0.00	61.92 -0.25 0.00	47.45 -1.20 0.00	46.65 -2.04 0.00	42.00 -1.54 0.00	38.59 -1.57 0.00	40.22 -1.91 0.00	46.08 -2.07 0.00	63.45 -0.79 0.00	69.52 0.50 0.00	65.51 1.05 0.00	57.32 0.77 0.00	54.01 0.78 0.00	55.70 0.82 0.00	51.45 0.57 0.00	54.65 1.50 0.00	56.37 3.48 0.00
BRANSCOMB___SOLAR 323811	79.55 4.82 0.00	61.14 3.84 0.00	60.70 3.78 0.00	61.83 3.80 0.00	60.43 3.65 0.00	64.32 3.95 0.00	64.27 4.08 0.00	68.42 4.18 0.00	66.01 3.84 0.00	51.16 2.50 0.00	50.74 2.06 0.00	45.17 1.63 0.00	41.66 1.50 0.00	43.77 1.64 0.00	50.13 1.98 0.00	67.25 3.00 0.00	72.98 3.96 0.00	68.41 3.95 0.00	60.09 3.54 0.00	56.55 3.31 0.00	58.05 3.17 0.00	53.80 2.92 0.00	56.17 3.03 0.00	55.86 2.97 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	82.09 7.36 0.00	63.25 5.96 0.00	62.63 5.71 0.00	64.18 6.15 0.00	62.56 5.78 0.00	66.66 6.29 0.00	66.93 6.74 0.00	71.47 7.23 0.00	69.25 7.08 0.00	53.59 4.93 0.00	53.18 4.49 0.00	52.42 3.89 -4.99	43.70 3.37 -0.18	49.90 3.84 -3.92	52.96 4.80 0.00	70.68 6.44 0.00	79.93 7.70 -3.21	73.58 8.15 -0.97	63.64 7.09 -0.01	106.19 6.72 -46.23	61.29 6.40 0.00	79.53 5.98 -22.67	59.07 5.93 0.00	58.70 5.80 0.00



BRISTLHL_115KV_TB1 79998	72.97 -1.76 0.00	55.96 -1.34 0.00	55.62 -1.31 0.00	56.66 -1.37 0.00	55.45 -1.34 0.00	58.97 -1.41 0.00	58.73 -1.46 0.00	62.46 -1.78 0.00	60.45 -1.72 0.00	47.10 -1.56 0.00	47.02 -1.66 0.00	42.09 -1.45 0.00	38.82 -1.34 0.00	40.68 -1.45 0.00	46.53 -1.62 0.00	62.25 -1.99 0.00	67.15 -1.87 0.00	62.86 -1.60 0.00	55.20 -1.35 0.00	51.91 -1.33 0.00	53.41 -1.48 0.00	49.41 -1.47 0.00	51.60 -1.54 0.00	51.29 -1.60 0.00
BROOKHAVEN___DRP 24191	81.79 7.06 0.00	62.97 5.68 0.00	62.35 5.43 0.00	64.06 6.03 0.00	62.51 5.73 0.00	66.65 6.27 0.00	66.98 6.80 0.00	71.53 7.28 0.00	69.23 7.06 0.00	53.27 4.62 0.00	53.02 4.33 0.00	52.24 3.70 -4.99	43.37 3.04 -0.18	49.77 3.72 -3.92	52.92 4.76 0.00	70.79 6.55 0.00	80.31 8.08 -3.21	74.00 8.57 -0.97	64.03 7.47 -0.01	106.51 7.05 -46.23	61.58 6.69 0.00	79.75 6.21 -22.67	59.27 6.12 0.00	58.85 5.95 0.00
BROOKLYN_NAVY_YARD 23515	79.66 4.93 0.00	61.43 4.14 0.00	60.86 3.93 0.00	62.02 3.99 0.00	60.60 3.81 0.00	64.33 3.96 0.00	64.48 4.29 0.00	68.87 4.63 0.00	66.91 4.74 0.00	52.42 3.77 0.00	52.07 3.39 0.00	51.67 3.12 -5.01	43.11 2.78 -0.18	48.93 2.87 -3.94	51.36 3.21 0.00	68.01 3.77 0.00	73.88 4.86 0.01	69.71 5.25 0.00	61.26 4.71 0.00	57.61 4.37 0.00	58.95 4.06 0.00	54.70 3.82 0.00	56.97 3.82 0.00	56.68 3.78 0.00
BROOKLYN___ARMY_DRP 323595	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
BROOKVLE_69_KV_TB1 55790	80.68 5.95 0.00	62.12 4.83 0.00	61.71 4.79 0.00	63.06 5.02 0.00	61.52 4.74 0.00	65.21 4.84 0.00	65.41 5.23 0.00	69.83 5.59 0.00	67.73 5.55 0.00	52.75 4.09 0.00	52.49 3.81 0.00	51.90 3.37 -4.99	43.28 2.95 -0.18	49.26 3.21 -3.92	51.94 3.79 0.00	69.09 4.85 0.00	78.26 6.03 -3.21	71.84 6.41 -0.97	62.15 5.59 -0.01	104.68 5.22 -46.23	59.85 4.97 0.00	78.17 4.63 -22.67	57.67 4.52 0.00	57.36 4.47 0.00
BROOME_2_LFGE 323671	75.60 0.87 0.00	57.93 0.63 0.00	57.67 0.75 0.00	58.76 0.72 0.00	57.46 0.67 0.00	61.04 0.66 0.00	60.91 0.73 0.00	64.59 0.36 0.00	62.55 0.38 0.00	48.61 -0.04 0.00	48.29 -0.39 0.00	43.27 -0.27 0.00	39.87 -0.29 0.00	41.83 -0.30 0.00	47.88 -0.27 0.00	64.05 -0.19 0.00	69.10 0.15 0.07	64.65 0.18 0.00	56.87 0.32 0.00	53.41 0.18 0.00	54.95 0.06 0.00	50.71 -0.17 0.00	52.90 -0.25 0.00	52.67 -0.22 0.00
BROOME___LFGE 323600	75.60 0.87 0.00	57.93 0.63 0.00	57.67 0.75 0.00	58.76 0.72 0.00	57.46 0.67 0.00	61.04 0.66 0.00	60.91 0.73 0.00	64.59 0.36 0.00	62.55 0.38 0.00	48.61 -0.04 0.00	48.29 -0.39 0.00	43.27 -0.27 0.00	39.87 -0.29 0.00	41.83 -0.30 0.00	47.88 -0.27 0.00	64.05 -0.19 0.00	69.10 0.15 0.07	64.65 0.18 0.00	56.87 0.32 0.00	53.41 0.18 0.00	54.95 0.06 0.00	50.71 -0.17 0.00	52.90 -0.25 0.00	52.67 -0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	74.73 0.00 0.00	57.59 0.30 0.00	57.40 0.48 0.00	58.84 0.80 0.00	57.73 0.95 0.00	60.91 0.54 0.00	59.00 -1.18 0.00	63.02 -1.22 0.00	61.00 -1.17 0.00	47.52 -1.14 0.00	47.28 -1.40 0.00	42.47 -1.06 0.00	39.03 -1.14 0.00	40.74 -1.39 0.00	46.71 -1.44 0.00	63.43 -0.81 0.00	68.26 -0.77 0.00	64.08 -0.38 0.00	56.08 -0.46 0.00	52.83 -0.41 0.00	54.37 -0.51 0.00	50.26 -0.62 0.00	53.05 -0.10 0.00	53.86 0.97 0.00
BROWNSV1_27_KV_LOAD 356125	80.48 5.75 0.00	62.06 4.77 0.00	61.48 4.56 0.00	62.66 4.63 0.00	61.22 4.43 0.00	64.97 4.60 0.00	65.14 4.95 0.00	69.52 5.28 0.00	67.57 5.40 0.00	52.94 4.28 0.00	52.65 3.97 0.00	52.20 3.65 -5.01	43.60 3.27 -0.18	49.45 3.39 -3.94	51.96 3.80 0.00	68.81 4.57 0.00	74.78 5.76 0.01	70.57 6.11 0.00	61.97 5.42 0.00	58.26 5.02 0.00	59.59 4.71 0.00	55.29 4.41 0.00	57.56 4.42 0.00	57.27 4.38 0.00
BURROWS___LYONSDAL 23803	76.20 1.47 0.00	58.68 1.39 0.00	58.46 1.54 0.00	59.76 1.73 0.00	58.63 1.85 0.00	62.39 2.02 0.00	61.92 1.73 0.00	66.12 1.88 0.00	64.07 1.90 0.00	49.83 1.17 0.00	49.57 0.88 0.00	44.29 0.75 0.00	40.74 0.58 0.00	42.64 0.51 0.00	48.85 0.70 0.00	65.78 1.54 0.00	71.23 2.21 0.00	66.77 2.30 0.00	58.53 1.98 0.00	55.08 1.84 0.00	56.63 1.75 0.00	52.34 1.46 0.00	54.64 1.49 0.00	54.34 1.45 0.00
CAITHNESS_CC_1 323624	81.57 6.84 0.00	62.81 5.52 0.00	62.20 5.28 0.00	63.85 5.82 0.00	62.29 5.50 0.00	66.40 6.03 0.00	66.73 6.55 0.00	71.25 7.01 0.00	68.98 6.81 0.00	53.17 4.51 0.00	52.87 4.19 0.00	52.11 3.58 -4.99	43.31 2.97 -0.18	49.64 3.59 -3.92	52.74 4.58 0.00	70.50 6.26 0.00	79.93 7.70 -3.21	73.61 8.18 -0.97	63.69 7.14 -0.01	106.20 6.74 -46.23	61.27 6.38 0.00	79.48 5.94 -22.67	59.00 5.86 0.00	58.60 5.70 0.00
CALPINE BETH_PAGE_GT4 24209	80.65 5.91 0.00	62.19 4.89 0.00	61.62 4.70 0.00	63.04 5.01 0.00	61.46 4.68 0.00	65.41 5.03 0.00	65.62 5.43 0.00	70.04 5.80 0.00	67.92 5.75 0.00	52.76 4.11 0.00	52.41 3.73 0.00	51.78 3.25 -4.99	43.12 2.79 -0.18	49.19 3.14 -3.92	52.01 3.86 0.00	69.27 5.03 0.00	78.41 6.18 -3.21	72.05 6.62 -0.97	62.32 5.77 -0.01	104.89 5.43 -46.23	60.06 5.17 0.00	78.36 4.82 -22.67	57.89 4.74 0.00	57.54 4.65 0.00
CALPINE_BETH_PAGE_GT_4 323586	80.65 5.92 0.00	62.18 4.89 0.00	61.63 4.72 0.00	63.04 5.01 0.00	61.46 4.67 0.00	65.41 5.03 0.00	65.62 5.43 0.00	70.04 5.80 0.00	67.92 5.75 0.00	52.76 4.11 0.00	52.41 3.73 0.00	51.77 3.23 -4.99	43.12 2.79 -0.18	49.19 3.14 -3.92	52.01 3.85 0.00	69.26 5.02 0.00	78.41 6.18 -3.21	72.05 6.62 -0.97	62.32 5.77 -0.01	104.89 5.43 -46.23	60.06 5.17 0.00	78.37 4.82 -22.67	57.88 4.73 0.00	57.54 4.65 0.00
CALPINE_BP_GT1 23823	80.65 5.92 0.00	62.18 4.89 0.00	61.63 4.72 0.00	63.04 5.01 0.00	61.46 4.67 0.00	65.41 5.03 0.00	65.62 5.43 0.00	70.04 5.80 0.00	67.92 5.75 0.00	52.76 4.11 0.00	52.41 3.73 0.00	51.77 3.23 -4.99	43.12 2.79 -0.18	49.19 3.14 -3.92	52.01 3.85 0.00	69.26 5.02 0.00	78.41 6.18 -3.21	72.05 6.62 -0.97	62.32 5.77 -0.01	104.89 5.43 -46.23	60.06 5.17 0.00	78.37 4.82 -22.67	57.88 4.73 0.00	57.54 4.65 0.00
CALSPAN___DRP 24200	73.89 -0.84 0.00	56.69 -0.60 0.00	56.65 -0.27 0.00	57.36 -0.67 0.00	56.14 -0.64 0.00	59.41 -0.96 0.00	58.08 -2.11 0.00	59.82 -4.42 0.00	57.81 -4.36 0.00	45.43 -3.22 0.00	45.46 -3.23 0.00	40.95 -2.59 0.00	38.15 -2.01 0.00	39.94 -2.19 0.00	45.62 -2.54 0.00	60.51 -3.74 0.00	63.90 -4.74 0.38	59.82 -4.64 0.00	52.33 -4.21 0.00	49.05 -4.19 0.00	50.67 -4.21 0.00	46.85 -4.03 0.00	49.30 -3.85 0.00	49.45 -3.44 0.00

CALVERTON___SOLAR 323806	82.05 7.32 0.00	63.14 5.85 0.00	62.54 5.62 0.00	64.30 6.27 0.00	62.76 5.97 0.00	66.90 6.52 0.00	67.27 7.09 0.00	71.81 7.57 0.00	69.48 7.31 0.00	53.39 4.73 0.00	53.16 4.48 0.00	52.36 3.83 -4.99	43.46 3.13 -0.18	49.92 3.87 -3.92	53.11 4.96 0.00	71.12 6.87 0.00	80.72 8.48 -3.21	74.40 8.97 -0.97	64.37 7.82 -0.01	106.83 7.37 -46.23	61.91 7.02 0.00	80.03 6.48 -22.67	59.56 6.41 0.00	59.12 6.23 0.00
CANDIGU_WT_PWR 323617	74.88 0.15 0.00	57.33 0.04 0.00	57.24 0.32 0.00	58.15 0.12 0.00	56.86 0.08 0.00	60.26 -0.12 0.00	59.67 -0.52 0.00	62.29 -1.95 0.00	60.04 -2.13 0.00	46.26 -2.40 0.00	45.72 -2.96 0.00	41.07 -2.47 0.00	37.99 -2.17 0.00	39.90 -2.23 0.00	45.83 -2.33 0.00	61.68 -2.56 0.00	66.15 -2.68 0.20	61.44 -3.02 0.00	53.78 -2.76 0.00	50.28 -2.95 0.00	51.81 -3.07 0.00	47.53 -3.35 0.00	49.56 -3.59 0.00	49.37 -3.52 0.00
CARR STREET_E_SYR 24060	74.01 -0.72 0.00	56.74 -0.55 0.00	56.40 -0.52 0.00	57.45 -0.58 0.00	56.22 -0.56 0.00	59.79 -0.58 0.00	59.57 -0.62 0.00	63.28 -0.96 0.00	61.24 -0.93 0.00	47.66 -0.99 0.00	47.50 -1.18 0.00	42.51 -1.03 0.00	39.23 -0.93 0.00	41.13 -1.00 0.00	47.05 -1.10 0.00	62.93 -1.32 0.00	67.90 -1.13 0.00	63.54 -0.93 0.00	55.78 -0.76 0.00	52.34 -0.90 0.00	53.84 -1.04 0.00	49.80 -1.08 0.00	51.99 -1.16 0.00	51.75 -1.14 0.00
CARTHAGE___PAPER 23857	75.81 1.08 0.00	58.41 1.12 0.00	58.25 1.33 0.00	59.67 1.63 0.00	58.62 1.84 0.00	62.42 2.04 0.00	61.66 1.48 0.00	65.97 1.73 0.00	63.92 1.75 0.00	49.60 0.94 0.00	49.36 0.68 0.00	44.09 0.55 0.00	40.55 0.39 0.00	42.34 0.21 0.00	48.56 0.40 0.00	65.73 1.48 0.00	71.43 2.41 0.00	67.15 2.68 0.00	58.79 2.25 0.00	55.33 2.09 0.00	56.85 1.97 0.00	52.50 1.62 0.00	54.93 1.78 0.00	54.74 1.85 0.00
CASSADAGA_WT_PWR 323784	76.56 1.83 0.00	58.60 1.31 0.00	58.38 1.46 0.00	59.00 0.97 0.00	57.52 0.74 0.00	60.64 0.26 0.00	59.22 -0.96 0.00	60.89 -3.35 0.00	58.45 -3.72 0.00	45.96 -2.70 0.00	45.99 -2.69 0.00	41.76 -1.78 0.00	39.01 -1.15 0.00	41.15 -0.98 0.00	47.14 -1.02 0.00	62.48 -1.77 0.00	65.69 -2.98 0.36	61.08 -3.39 0.00	52.83 -3.72 0.00	49.09 -4.14 0.00	50.39 -4.50 0.00	46.49 -4.39 0.00	48.78 -4.37 0.00	48.71 -4.18 0.00
CE_DUNWOOD___DRP 24194	79.41 4.68 0.00	61.19 3.90 0.00	60.61 3.69 0.00	61.85 3.82 0.00	60.41 3.63 0.00	64.20 3.82 0.00	64.34 4.15 0.00	68.67 4.43 0.00	66.64 4.47 0.00	52.04 3.39 0.00	51.74 3.06 0.00	51.53 2.77 -5.22	42.77 2.43 -0.18	48.80 2.57 -4.10	51.06 2.91 0.00	67.81 3.57 0.00	73.66 4.65 0.01	69.49 5.02 0.00	61.00 4.45 0.00	57.32 4.09 0.00	58.71 3.82 0.00	54.46 3.58 0.00	56.68 3.53 0.00	56.41 3.51 0.00
CE_MILLWOOD___DRP 24193	79.20 4.47 0.00	61.04 3.75 0.00	60.46 3.54 0.00	61.70 3.67 0.00	60.26 3.47 0.00	64.04 3.67 0.00	64.17 3.98 0.00	68.49 4.25 0.00	66.46 4.29 0.00	51.89 3.24 0.00	51.59 2.91 0.00	51.46 2.63 -5.29	42.64 2.29 -0.19	48.71 2.42 -4.16	50.89 2.74 0.00	67.59 3.35 0.00	73.45 4.43 0.01	69.28 4.81 0.00	60.81 4.27 0.00	57.15 3.92 0.00	58.54 3.65 0.00	54.29 3.41 0.00	56.53 3.38 0.00	56.25 3.35 0.00
CE_NYC2_DRP 24202	79.76 5.03 0.00	61.54 4.24 0.00	60.96 4.04 0.00	62.16 4.12 0.00	60.73 3.95 0.00	64.45 4.07 0.00	64.57 4.38 0.00	68.96 4.72 0.00	67.02 4.85 0.00	52.53 3.88 0.00	52.21 3.53 0.00	51.78 3.23 -5.01	43.23 2.90 -0.18	49.06 3.00 -3.93	51.48 3.32 0.00	68.15 3.91 0.00	74.02 5.01 0.01	69.88 5.41 0.00	61.38 4.84 0.00	57.72 4.48 0.00	59.06 4.18 0.00	54.83 3.95 0.00	57.09 3.94 0.00	56.78 3.89 0.00
CE_NYC_DRP 24195	79.74 5.01 0.00	61.50 4.21 0.00	60.93 4.00 0.00	62.13 4.09 0.00	60.69 3.91 0.00	64.43 4.05 0.00	64.57 4.38 0.00	68.94 4.70 0.00	66.97 4.79 0.00	52.48 3.82 0.00	52.17 3.48 0.00	51.78 3.22 -5.01	43.21 2.87 -0.18	49.05 2.98 -3.94	51.50 3.35 0.00	68.20 3.96 0.00	74.08 5.07 0.01	69.91 5.45 0.00	61.40 4.85 0.00	57.71 4.47 0.00	59.03 4.15 0.00	54.78 3.90 0.00	57.03 3.89 0.00	56.74 3.85 0.00
CHAFFEE___LFGE 323603	74.33 -0.40 0.00	57.02 -0.27 0.00	57.02 0.09 0.00	57.78 -0.26 0.00	56.59 -0.19 0.00	59.88 -0.49 0.00	58.53 -1.66 0.00	60.36 -3.88 0.00	58.40 -3.76 0.00	45.85 -2.81 0.00	45.87 -2.81 0.00	41.35 -2.19 0.00	38.43 -1.72 0.00	40.24 -1.88 0.00	45.93 -2.22 0.00	60.95 -3.29 0.00	64.45 -4.20 0.36	60.39 -4.07 0.00	52.83 -3.72 0.00	49.53 -3.71 0.00	51.15 -3.73 0.00	47.30 -3.58 0.00	49.82 -3.33 0.00	49.91 -2.99 0.00
CHATEAUG_35_KV_LOAD 355732	73.00 -1.73 0.00	55.86 -1.44 0.00	55.57 -1.35 0.00	57.14 -0.89 0.00	55.76 -1.03 0.00	59.17 -1.20 0.00	58.44 -1.75 0.00	62.92 -1.31 0.00	61.12 -1.05 0.00	48.79 0.14 0.00	49.39 0.70 0.00	44.17 0.63 0.00	40.73 0.57 0.00	42.68 0.55 0.00	48.95 0.80 0.00	65.60 1.36 0.00	69.59 0.57 0.00	64.39 -0.07 0.00	56.28 -0.27 0.00	53.27 0.03 0.00	55.24 0.36 0.00	51.24 0.36 0.00	53.70 0.55 0.00	53.62 0.73 0.00
CHATEAUG_WT_PWR 323614	72.73 -2.00 0.00	55.73 -1.57 0.00	55.44 -1.48 0.00	57.03 -1.01 0.00	55.63 -1.16 0.00	59.05 -1.33 0.00	58.37 -1.82 0.00	62.81 -1.43 0.00	61.02 -1.15 0.00	48.78 0.12 0.00	49.36 0.68 0.00	44.20 0.66 0.00	40.75 0.59 0.00	42.72 0.59 0.00	49.00 0.85 0.00	65.62 1.38 0.00	69.65 0.63 0.00	64.42 -0.04 0.00	56.34 -0.21 0.00	53.32 0.09 0.00	55.26 0.37 0.00	51.24 0.36 0.00	53.68 0.53 0.00	53.55 0.66 0.00
CHAT_HIGH_FALL_HYD 323578	73.00 -1.73 0.00	55.86 -1.44 0.00	55.57 -1.35 0.00	57.14 -0.89 0.00	55.76 -1.03 0.00	59.17 -1.20 0.00	58.44 -1.75 0.00	62.92 -1.31 0.00	61.12 -1.05 0.00	48.79 0.14 0.00	49.39 0.70 0.00	44.17 0.63 0.00	40.73 0.57 0.00	42.68 0.55 0.00	48.95 0.80 0.00	65.60 1.36 0.00	69.59 0.57 0.00	64.39 -0.07 0.00	56.28 -0.27 0.00	53.27 0.03 0.00	55.24 0.36 0.00	51.24 0.36 0.00	53.70 0.55 0.00	53.62 0.73 0.00
CHAUTAUQUA___LFGE 323629	75.14 0.41 0.00	57.60 0.31 0.00	57.46 0.54 0.00	58.15 0.12 0.00	56.81 0.03 0.00	60.03 -0.34 0.00	58.70 -1.48 0.00	60.36 -3.89 0.00	58.16 -4.01 0.00	45.70 -2.96 0.00	45.68 -3.00 0.00	41.28 -2.26 0.00	38.47 -1.69 0.00	40.45 -1.68 0.00	46.24 -1.92 0.00	61.37 -2.87 0.00	64.72 -3.94 0.37	60.40 -4.06 0.00	52.63 -3.92 0.00	49.14 -4.09 0.00	50.63 -4.26 0.00	46.76 -4.12 0.00	49.18 -3.97 0.00	49.20 -3.69 0.00
CHERRYST_13_KV_LD 356241	79.96 5.22 0.00	61.67 4.38 0.00	61.10 4.17 0.00	62.30 4.27 0.00	60.85 4.07 0.00	64.61 4.23 0.00	64.75 4.56 0.00	69.13 4.89 0.00	67.18 5.01 0.00	52.63 3.98 0.00	52.34 3.66 0.00	51.92 3.36 -5.01	43.35 3.01 -0.18	49.19 3.13 -3.94	51.67 3.51 0.00	68.42 4.18 0.00	74.30 5.29 0.01	70.14 5.68 0.00	61.57 5.03 0.00	57.87 4.63 0.00	59.21 4.32 0.00	54.93 4.05 0.00	57.19 4.04 0.00	56.90 4.01 0.00

CHESTROR_138KV_BK263 355645	78.37 3.64 0.00	60.37 3.07 0.00	59.79 2.86 0.00	61.02 2.99 0.00	59.60 2.82 0.00	63.38 3.00 0.00	63.51 3.32 0.00	67.77 3.53 0.00	65.73 3.56 0.00	51.25 2.60 0.00	50.95 2.26 0.00	41.59 2.03 3.97	41.75 1.73 0.14	40.84 1.83 3.12	50.22 2.07 0.00	66.81 2.56 0.00	72.58 3.57 0.01	68.45 3.99 0.00	60.08 3.53 0.00	56.47 3.24 0.00	57.88 3.00 0.00	53.68 2.80 0.00	55.88 2.74 0.00	55.60 2.71 0.00
CH_MIDHUDSON___DRP 24192	79.95 5.22 0.00	61.56 4.26 0.00	60.99 4.07 0.00	62.24 4.21 0.00	60.80 4.02 0.00	64.64 4.27 0.00	64.78 4.59 0.00	69.17 4.93 0.00	67.03 4.85 0.00	52.26 3.61 0.00	51.90 3.22 0.00	46.39 2.85 0.00	42.64 2.48 0.00	44.78 2.65 0.00	51.16 3.01 0.00	68.12 3.88 0.00	74.06 5.05 0.01	69.82 5.36 0.00	61.31 4.76 0.00	57.62 4.39 0.00	59.04 4.16 0.00	54.71 3.83 0.00	56.96 3.82 0.00	56.65 3.76 0.00
CH_MISC_IPPS 23765	80.27 5.54 0.00	61.81 4.52 0.00	61.23 4.31 0.00	62.49 4.45 0.00	61.05 4.26 0.00	64.91 4.54 0.00	65.07 4.88 0.00	69.48 5.24 0.00	67.33 5.16 0.00	52.47 3.82 0.00	52.10 3.41 0.00	46.55 3.01 0.00	42.80 2.64 0.00	44.94 2.81 0.00	51.38 3.22 0.00	68.43 4.18 0.00	74.43 5.41 0.01	70.20 5.73 0.00	61.62 5.08 0.00	57.91 4.67 0.00	59.33 4.45 0.00	54.98 4.10 0.00	57.23 4.08 0.00	56.89 4.00 0.00
CH_RES_BVR_FALLS 23983	73.68 -1.05 0.00	56.41 -0.88 0.00	56.12 -0.80 0.00	57.30 -0.74 0.00	56.12 -0.66 0.00	59.63 -0.75 0.00	59.32 -0.87 0.00	63.55 -0.69 0.00	61.49 -0.68 0.00	48.37 -0.29 0.00	48.63 -0.05 0.00	43.52 -0.02 0.00	40.17 0.01 0.00	42.13 0.00 0.00	48.18 0.03 0.00	64.23 -0.01 0.00	68.55 -0.47 0.00	63.80 -0.67 0.00	55.87 -0.68 0.00	52.64 -0.60 0.00	54.41 -0.47 0.00	50.50 -0.38 0.00	52.70 -0.44 0.00	52.28 -0.62 0.00
CH_RES_NIAGARA 23895	71.09 -3.64 0.00	54.55 -2.75 0.00	54.54 -2.38 0.00	55.24 -2.80 0.00	54.10 -2.69 0.00	57.21 -3.17 0.00	55.79 -4.40 0.00	57.25 -6.99 0.00	55.37 -6.80 0.00	43.76 -4.90 0.00	43.90 -4.79 0.00	39.53 -4.01 0.00	36.85 -3.31 0.00	38.56 -3.57 0.00	43.95 -4.21 0.00	58.08 -6.17 0.00	61.13 -7.45 0.44	57.39 -7.07 0.00	50.27 -6.27 0.00	47.20 -6.04 0.00	48.79 -6.09 0.00	45.28 -5.60 0.00	47.79 -5.36 0.00	48.03 -4.86 0.00
CH_RES_SYRACUSE 23985	74.49 -0.24 0.00	57.07 -0.23 0.00	56.74 -0.18 0.00	57.80 -0.24 0.00	56.55 -0.23 0.00	60.16 -0.22 0.00	59.94 -0.25 0.00	63.71 -0.53 0.00	61.64 -0.53 0.00	47.91 -0.75 0.00	47.74 -0.95 0.00	42.73 -0.81 0.00	39.44 -0.72 0.00	41.35 -0.78 0.00	47.32 -0.84 0.00	63.31 -0.93 0.00	68.38 -0.64 0.00	64.01 -0.46 0.00	56.24 -0.31 0.00	52.88 -0.36 0.00	54.41 -0.48 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.27 -0.62 0.00
CLINTON_WT_PWR 323605	72.73 -2.00 0.00	55.73 -1.57 0.00	55.44 -1.48 0.00	57.03 -1.01 0.00	55.63 -1.16 0.00	59.05 -1.33 0.00	58.37 -1.82 0.00	62.81 -1.43 0.00	61.02 -1.15 0.00	48.78 0.12 0.00	49.36 0.68 0.00	44.20 0.66 0.00	40.75 0.59 0.00	42.72 0.59 0.00	49.00 0.85 0.00	65.62 1.38 0.00	69.65 0.63 0.00	64.42 -0.04 0.00	56.34 -0.21 0.00	53.32 0.09 0.00	55.26 0.37 0.00	51.24 0.36 0.00	53.68 0.53 0.00	53.55 0.66 0.00
CLINTON___LFGE 323618	73.29 -1.44 0.00	56.27 -1.03 0.00	55.94 -0.98 0.00	57.63 -0.40 0.00	56.08 -0.70 0.00	59.57 -0.81 0.00	58.76 -1.43 0.00	63.32 -0.92 0.00	61.64 -0.53 0.00	49.44 0.78 0.00	50.05 1.36 0.00	44.78 1.24 0.00	41.27 1.11 0.00	43.26 1.13 0.00	49.68 1.53 0.00	66.66 2.42 0.00	70.81 1.79 0.00	65.43 0.97 0.00	57.20 0.66 0.00	54.25 1.02 0.00	56.19 1.31 0.00	52.05 1.17 0.00	54.55 1.40 0.00	54.38 1.49 0.00
COBBLENY_34_KV_TB1 80064	74.34 -0.39 0.00	57.01 -0.28 0.00	57.04 0.12 0.00	57.78 -0.25 0.00	56.58 -0.20 0.00	59.87 -0.50 0.00	58.53 -1.66 0.00	60.36 -3.88 0.00	58.39 -3.78 0.00	45.86 -2.79 0.00	45.87 -2.81 0.00	41.29 -2.25 0.00	38.44 -1.72 0.00	40.23 -1.90 0.00	45.94 -2.22 0.00	60.96 -3.28 0.00	64.47 -4.19 0.36	60.37 -4.10 0.00	52.83 -3.72 0.00	49.52 -3.71 0.00	51.15 -3.73 0.00	47.30 -3.59 0.00	49.78 -3.36 0.00	49.89 -3.00 0.00
COFFEEN___115KV_TB3 355620	75.66 0.93 0.00	58.26 0.96 0.00	58.11 1.19 0.00	59.48 1.45 0.00	58.49 1.71 0.00	62.41 2.04 0.00	61.94 1.76 0.00	66.29 2.05 0.00	64.23 2.06 0.00	49.63 0.97 0.00	49.29 0.61 0.00	43.92 0.38 0.00	40.44 0.27 0.00	42.15 0.02 0.00	48.33 0.17 0.00	65.52 1.28 0.00	71.68 2.66 0.00	67.53 3.06 0.00	59.17 2.62 0.00	55.64 2.41 0.00	57.16 2.28 0.00	52.73 1.85 0.00	55.07 1.93 0.00	54.70 1.80 0.00
COLDSPRG_115KV_BK1 355956	77.21 2.48 0.00	59.20 1.90 0.00	59.04 2.12 0.00	59.85 1.82 0.00	58.43 1.65 0.00	61.75 1.38 0.00	60.44 0.25 0.00	62.65 -1.59 0.00	60.45 -1.72 0.00	47.41 -1.24 0.00	47.44 -1.25 0.00	42.80 -0.74 0.00	39.88 -0.27 0.00	41.81 -0.32 0.00	47.80 -0.35 0.00	63.35 -0.89 0.00	66.83 -1.86 0.33	62.46 -2.01 0.00	54.36 -2.18 0.00	50.74 -2.50 0.00	52.24 -2.64 0.00	48.21 -2.67 0.00	50.59 -2.56 0.00	50.67 -2.23 0.00
COLONIE_LFGE___ 323577	78.45 3.72 0.00	60.34 3.05 0.00	59.90 2.98 0.00	61.04 3.01 0.00	59.60 2.81 0.00	63.45 3.08 0.00	63.37 3.19 0.00	67.45 3.21 0.00	65.24 3.07 0.00	50.82 2.16 0.00	50.57 1.89 0.00	45.11 1.57 0.00	41.62 1.46 0.00	43.70 1.57 0.00	49.90 1.74 0.00	66.69 2.44 0.00	72.24 3.22 0.00	67.72 3.25 0.00	59.46 2.91 0.00	56.02 2.78 0.00	57.53 2.64 0.00	53.33 2.45 0.00	55.76 2.62 0.00	55.49 2.59 0.00
COOPERNY_115KV_TB1 80082	77.45 2.72 0.00	59.58 2.29 0.00	59.06 2.14 0.00	60.25 2.22 0.00	58.88 2.10 0.00	62.63 2.25 0.00	62.66 2.48 0.00	66.85 2.61 0.00	64.78 2.61 0.00	50.52 1.87 0.00	50.26 1.57 0.00	42.81 1.41 2.14	41.27 1.19 0.08	41.71 1.26 1.68	49.59 1.43 0.00	66.06 1.82 0.00	71.59 2.58 0.01	67.33 2.87 0.00	59.11 2.56 0.00	55.58 2.35 0.00	57.06 2.17 0.00	52.88 2.00 0.00	55.10 1.95 0.00	54.81 1.92 0.00
COPENHAGEN_WT_PWR 323753	74.76 0.03 0.00	57.63 0.34 0.00	57.51 0.59 0.00	58.90 0.87 0.00	57.91 1.13 0.00	61.75 1.37 0.00	61.26 1.07 0.00	65.50 1.26 0.00	63.48 1.31 0.00	49.14 0.49 0.00	48.89 0.21 0.00	43.62 0.08 0.00	40.15 -0.01 0.00	41.91 -0.22 0.00	48.03 -0.13 0.00	64.96 0.71 0.00	70.81 1.79 0.00	66.60 2.14 0.00	58.32 1.78 0.00	54.88 1.64 0.00	56.35 1.46 0.00	51.99 1.11 0.00	54.32 1.17 0.00	53.91 1.01 0.00
CORNELL_____ 23752	76.88 2.15 0.00	58.85 1.55 0.00	58.55 1.63 0.00	59.66 1.63 0.00	58.38 1.60 0.00	62.08 1.70 0.00	61.95 1.77 0.00	65.83 1.59 0.00	63.66 1.49 0.00	49.18 0.53 0.00	48.68 -0.01 0.00	43.46 -0.08 0.00	40.06 -0.10 0.00	42.01 -0.12 0.00	48.18 0.03 0.00	64.76 0.52 0.00	70.39 1.39 0.02	65.98 1.51 0.00	58.06 1.52 0.00	54.56 1.33 0.00	56.09 1.20 0.00	51.73 0.85 0.00	53.92 0.78 0.00	53.61 0.71 0.00

CORONA_69_KV_TB1 355595	80.94 6.21 0.00	62.39 5.09 0.00	61.78 4.86 0.00	63.14 5.11 0.00	61.61 4.83 0.00	65.53 5.16 0.00	65.67 5.49 0.00	70.04 5.80 0.00	67.91 5.74 0.00	52.86 4.21 0.00	52.64 3.96 0.00	52.01 3.48 -4.99	43.33 3.00 -0.18	49.36 3.31 -3.92	52.09 3.94 0.00	69.30 5.06 0.00	78.47 6.24 -3.21	72.04 6.61 -0.97	62.31 5.76 -0.01	104.86 5.40 -46.23	60.05 5.16 0.00	78.36 4.81 -22.67	57.89 4.75 0.00	57.55 4.66 0.00
CORTLAND_115KV_TB3 80093	75.96 1.23 0.00	58.23 0.94 0.00	57.93 1.01 0.00	59.04 1.01 0.00	57.77 0.99 0.00	61.42 1.05 0.00	61.28 1.10 0.00	65.12 0.88 0.00	63.03 0.86 0.00	48.86 0.20 0.00	48.48 -0.20 0.00	43.37 -0.17 0.00	39.96 -0.20 0.00	41.92 -0.21 0.00	48.02 -0.14 0.00	64.36 0.12 0.00	69.70 0.69 0.02	65.25 0.78 0.00	57.41 0.86 0.00	53.93 0.69 0.00	55.45 0.56 0.00	51.20 0.32 0.00	53.39 0.24 0.00	53.09 0.19 0.00
COXSACKIE___GT 23611	81.56 6.83 0.00	62.65 5.36 0.00	62.25 5.33 0.00	63.42 5.38 0.00	61.96 5.18 0.00	66.03 5.65 0.00	66.06 5.88 0.00	70.49 6.25 0.00	68.11 5.94 0.00	52.48 3.83 0.00	51.77 3.09 0.00	46.03 2.49 0.00	42.41 2.25 0.00	44.48 2.35 0.00	50.92 2.77 0.00	68.82 4.58 0.00	75.29 6.27 0.00	70.73 6.27 0.00	62.11 5.56 0.00	58.34 5.11 0.00	59.81 4.93 0.00	55.41 4.53 0.00	57.99 4.85 0.00	57.63 4.74 0.00
CPV_VALLEY___CC1 323721	77.72 2.99 0.00	59.87 2.57 0.00	59.29 2.37 0.00	60.49 2.46 0.00	59.10 2.32 0.00	62.84 2.47 0.00	62.94 2.75 0.00	67.17 2.93 0.00	65.12 2.95 0.00	50.80 2.15 0.00	50.51 1.83 0.00	42.15 1.63 3.02	41.44 1.39 0.11	41.23 1.47 2.37	49.80 1.65 0.00	66.28 2.04 0.00	71.94 2.93 0.01	67.75 3.29 0.00	59.48 2.94 0.00	55.92 2.69 0.00	57.35 2.47 0.00	53.17 2.30 0.00	55.38 2.23 0.00	55.10 2.21 0.00
CPV_VALLEY___CC2 323722	77.72 2.99 0.00	59.87 2.57 0.00	59.29 2.37 0.00	60.49 2.46 0.00	59.10 2.32 0.00	62.84 2.47 0.00	62.94 2.75 0.00	67.17 2.93 0.00	65.12 2.95 0.00	50.80 2.15 0.00	50.51 1.83 0.00	42.15 1.63 3.02	41.44 1.39 0.11	41.23 1.47 2.37	49.80 1.65 0.00	66.28 2.04 0.00	71.94 2.93 0.01	67.75 3.29 0.00	59.48 2.94 0.00	55.92 2.69 0.00	57.35 2.47 0.00	53.17 2.30 0.00	55.38 2.23 0.00	55.10 2.21 0.00
CRESCENT___HYD 24018	78.45 3.72 0.00	60.34 3.05 0.00	59.90 2.98 0.00	61.04 3.01 0.00	59.60 2.81 0.00	63.45 3.08 0.00	63.37 3.19 0.00	67.45 3.21 0.00	65.24 3.07 0.00	50.82 2.16 0.00	50.57 1.89 0.00	45.11 1.57 0.00	41.62 1.46 0.00	43.70 1.57 0.00	49.90 1.74 0.00	66.69 2.44 0.00	72.24 3.22 0.00	67.72 3.25 0.00	59.46 2.91 0.00	56.02 2.78 0.00	57.53 2.64 0.00	53.33 2.45 0.00	55.76 2.62 0.00	55.49 2.59 0.00
CRICKET___VALLEY_CC1 323756	79.15 4.42 0.00	60.96 3.67 0.00	60.44 3.51 0.00	61.68 3.65 0.00	60.23 3.45 0.00	63.99 3.62 0.00	64.09 3.91 0.00	68.42 4.18 0.00	66.25 4.08 0.00	51.67 3.02 0.00	51.35 2.66 0.00	47.57 2.32 -1.70	42.21 1.99 -0.06	45.63 2.17 -1.33	50.49 2.34 0.00	67.20 2.95 0.00	73.06 4.04 0.00	68.81 4.34 0.00	60.42 3.87 0.00	56.79 3.56 0.00	58.21 3.33 0.00	53.95 3.07 0.00	56.21 3.07 0.00	55.95 3.06 0.00
CRICKET___VALLEY_CC2 323757	79.15 4.42 0.00	60.96 3.67 0.00	60.44 3.51 0.00	61.68 3.65 0.00	60.23 3.45 0.00	63.99 3.62 0.00	64.09 3.91 0.00	68.42 4.18 0.00	66.25 4.08 0.00	51.67 3.02 0.00	51.35 2.66 0.00	47.57 2.32 -1.70	42.21 1.99 -0.06	45.63 2.17 -1.33	50.49 2.34 0.00	67.20 2.95 0.00	73.06 4.04 0.00	68.81 4.34 0.00	60.42 3.87 0.00	56.79 3.56 0.00	58.21 3.33 0.00	53.95 3.07 0.00	56.21 3.07 0.00	55.95 3.06 0.00
CRICKET___VALLEY_CC3 323758	79.15 4.42 0.00	60.96 3.67 0.00	60.44 3.51 0.00	61.68 3.65 0.00	60.23 3.45 0.00	63.99 3.62 0.00	64.09 3.91 0.00	68.42 4.18 0.00	66.25 4.08 0.00	51.67 3.02 0.00	51.35 2.66 0.00	47.57 2.32 -1.70	42.21 1.99 -0.06	45.63 2.17 -1.33	50.49 2.34 0.00	67.20 2.95 0.00	73.06 4.04 0.00	68.81 4.34 0.00	60.42 3.87 0.00	56.79 3.56 0.00	58.21 3.33 0.00	53.95 3.07 0.00	56.21 3.07 0.00	55.95 3.06 0.00
CRUCIBLE_METL_DRP 24180	74.49 -0.24 0.00	57.07 -0.23 0.00	56.75 -0.17 0.00	57.80 -0.24 0.00	56.55 -0.23 0.00	60.15 -0.22 0.00	59.94 -0.25 0.00	63.71 -0.53 0.00	61.64 -0.53 0.00	47.91 -0.74 0.00	47.74 -0.95 0.00	42.73 -0.82 0.00	39.44 -0.72 0.00	41.35 -0.78 0.00	47.32 -0.83 0.00	63.31 -0.93 0.00	68.38 -0.64 0.00	64.01 -0.46 0.00	56.24 -0.31 0.00	52.88 -0.36 0.00	54.41 -0.47 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.27 -0.63 0.00
DAHOWA___HYDRO 323763	79.87 5.14 0.00	61.37 4.08 0.00	60.95 4.03 0.00	62.07 4.04 0.00	60.66 3.88 0.00	64.57 4.20 0.00	64.52 4.34 0.00	68.69 4.46 0.00	66.27 4.10 0.00	51.30 2.64 0.00	50.83 2.15 0.00	45.22 1.67 0.00	41.69 1.53 0.00	43.81 1.68 0.00	50.20 2.05 0.00	67.36 3.12 0.00	73.16 4.14 0.00	68.57 4.11 0.00	60.23 3.68 0.00	56.69 3.46 0.00	58.18 3.29 0.00	53.93 3.05 0.00	56.29 3.14 0.00	55.97 3.08 0.00
DANC___LFGE 323619	73.91 -0.82 0.00	56.87 -0.42 0.00	56.67 -0.25 0.00	57.92 -0.11 0.00	56.84 0.06 0.00	60.56 0.19 0.00	60.18 0.00 0.00	64.22 -0.02 0.00	62.20 0.03 0.00	48.28 -0.38 0.00	48.09 -0.59 0.00	42.96 -0.58 0.00	39.56 -0.60 0.00	41.35 -0.78 0.00	47.36 -0.79 0.00	63.82 -0.43 0.00	69.32 0.30 0.00	65.10 0.64 0.00	57.06 0.51 0.00	53.68 0.44 0.00	55.16 0.27 0.00	50.95 0.07 0.00	53.21 0.07 0.00	52.87 -0.02 0.00
DANSKAMMER___1 23586	80.27 5.54 0.00	61.81 4.52 0.00	61.23 4.31 0.00	62.49 4.45 0.00	61.05 4.26 0.00	64.91 4.54 0.00	65.07 4.88 0.00	69.48 5.24 0.00	67.33 5.16 0.00	52.47 3.82 0.00	52.10 3.41 0.00	46.55 3.01 0.00	42.80 2.64 0.00	44.94 2.81 0.00	51.38 3.22 0.00	68.43 4.18 0.00	74.43 5.41 0.01	70.20 5.73 0.00	61.62 5.08 0.00	57.91 4.67 0.00	59.33 4.45 0.00	54.98 4.10 0.00	57.23 4.08 0.00	56.89 4.00 0.00
DANSKAMMER___2 23589	80.27 5.54 0.00	61.81 4.52 0.00	61.23 4.31 0.00	62.49 4.45 0.00	61.05 4.26 0.00	64.91 4.54 0.00	65.07 4.88 0.00	69.48 5.24 0.00	67.33 5.16 0.00	52.47 3.82 0.00	52.10 3.41 0.00	46.55 3.01 0.00	42.80 2.64 0.00	44.94 2.81 0.00	51.38 3.22 0.00	68.43 4.18 0.00	74.43 5.41 0.01	70.20 5.73 0.00	61.62 5.08 0.00	57.91 4.67 0.00	59.33 4.45 0.00	54.98 4.10 0.00	57.23 4.08 0.00	56.89 4.00 0.00
DANSKAMMER___3 23590	80.27 5.54 0.00	61.81 4.52 0.00	61.23 4.31 0.00	62.49 4.45 0.00	61.05 4.26 0.00	64.91 4.54 0.00	65.07 4.88 0.00	69.48 5.24 0.00	67.33 5.16 0.00	52.47 3.82 0.00	52.10 3.41 0.00	46.55 3.01 0.00	42.80 2.64 0.00	44.94 2.81 0.00	51.38 3.22 0.00	68.43 4.18 0.00	74.43 5.41 0.01	70.20 5.73 0.00	61.62 5.08 0.00	57.91 4.67 0.00	59.33 4.45 0.00	54.98 4.10 0.00	57.23 4.08 0.00	56.89 4.00 0.00

DANSKAMMER___4 23591	80.27 5.54 0.00	61.81 4.52 0.00	61.23 4.31 0.00	62.49 4.45 0.00	61.05 4.26 0.00	64.91 4.54 0.00	65.07 4.88 0.00	69.48 5.24 0.00	67.33 5.16 0.00	52.47 3.82 0.00	52.10 3.41 0.00	46.55 3.01 0.00	42.80 2.64 0.00	44.94 2.81 0.00	51.38 3.22 0.00	68.43 4.18 0.00	74.43 5.41 0.01	70.20 5.73 0.00	61.62 5.08 0.00	57.91 4.67 0.00	59.33 4.45 0.00	54.98 4.10 0.00	57.23 4.08 0.00	56.89 4.00 0.00
DANSKAMMER___DIESEL 23592	80.27 5.55 0.00	61.81 4.52 0.00	61.22 4.30 0.00	62.48 4.45 0.00	61.05 4.26 0.00	64.92 4.54 0.00	65.07 4.88 0.00	69.48 5.24 0.00	67.33 5.16 0.00	52.47 3.81 0.00	52.10 3.41 0.00	46.56 3.02 0.00	42.80 2.64 0.00	44.94 2.81 0.00	51.37 3.22 0.00	68.42 4.18 0.00	74.42 5.40 0.01	70.20 5.74 0.00	61.62 5.08 0.00	57.91 4.67 0.00	59.33 4.45 0.00	54.98 4.10 0.00	57.24 4.09 0.00	56.89 4.00 0.00
DARBY___SOLAR 323810	79.65 4.92 0.00	61.21 3.91 0.00	60.79 3.87 0.00	61.92 3.89 0.00	60.50 3.71 0.00	64.41 4.04 0.00	64.35 4.16 0.00	68.50 4.26 0.00	66.10 3.93 0.00	51.22 2.56 0.00	50.81 2.13 0.00	45.20 1.66 0.00	41.68 1.52 0.00	43.81 1.68 0.00	50.17 2.02 0.00	67.27 3.03 0.00	73.02 3.99 0.00	68.43 3.97 0.00	60.11 3.57 0.00	56.57 3.34 0.00	58.07 3.18 0.00	53.82 2.94 0.00	56.19 3.04 0.00	55.88 2.99 0.00
DASHVILLE___HYD 23610	81.22 6.49 0.00	62.50 5.21 0.00	61.89 4.97 0.00	63.16 5.13 0.00	61.73 4.94 0.00	65.68 5.30 0.00	65.89 5.70 0.00	70.41 6.17 0.00	68.21 6.04 0.00	53.06 4.41 0.00	52.57 3.89 0.00	46.92 3.38 0.00	43.05 2.90 0.00	45.22 3.09 0.00	51.74 3.58 0.00	69.15 4.91 0.00	75.45 6.42 0.00	71.26 6.79 0.00	62.57 6.02 0.00	58.76 5.53 0.00	60.19 5.31 0.00	55.74 4.86 0.00	57.94 4.79 0.00	57.57 4.68 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	83.16 8.43 0.00	63.91 6.61 0.00	63.31 6.39 0.00	65.15 7.11 0.00	63.56 6.78 0.00	67.74 7.36 0.00	68.23 8.05 0.00	72.73 8.49 0.00	70.24 8.07 0.00	53.94 5.28 0.00	53.82 5.13 0.00	53.05 4.52 -4.99	44.10 3.77 -0.18	50.66 4.61 -3.92	54.02 5.86 0.00	72.45 8.21 0.00	82.29 10.06 -3.21	75.95 10.52 -0.97	65.70 9.15 -0.01	108.03 8.57 -46.23	63.04 8.16 0.00	81.06 7.51 -22.67	60.60 7.46 0.00	60.11 7.22 0.00
DELAWARE___LFGE 323621	77.66 2.93 0.00	59.62 2.32 0.00	59.20 2.28 0.00	60.41 2.38 0.00	59.07 2.29 0.00	62.86 2.48 0.00	62.79 2.61 0.00	66.94 2.70 0.00	64.84 2.67 0.00	50.53 1.88 0.00	50.31 1.62 0.00	44.98 1.44 0.00	41.41 1.26 0.00	43.44 1.31 0.00	49.70 1.55 0.00	66.40 2.16 0.00	71.71 2.72 0.03	67.22 2.76 0.00	59.07 2.52 0.00	55.52 2.29 0.00	57.08 2.19 0.00	52.77 1.89 0.00	54.95 1.80 0.00	54.63 1.74 0.00
DERFIELD_115KV_TB7 355931	75.33 0.60 0.00	57.80 0.51 0.00	57.43 0.51 0.00	58.56 0.52 0.00	57.25 0.46 0.00	60.91 0.54 0.00	60.76 0.57 0.00	64.77 0.53 0.00	62.69 0.52 0.00	48.95 0.29 0.00	48.87 0.19 0.00	43.68 0.14 0.00	40.28 0.12 0.00	42.26 0.13 0.00	48.30 0.14 0.00	64.50 0.26 0.00	69.49 0.47 0.00	64.99 0.52 0.00	57.06 0.51 0.00	53.71 0.47 0.00	55.28 0.39 0.00	51.24 0.36 0.00	53.51 0.37 0.00	53.21 0.32 0.00
DOGLEVILLE___HYD 23807	77.25 2.52 0.00	59.37 2.08 0.00	58.97 2.05 0.00	60.10 2.07 0.00	58.77 1.98 0.00	62.59 2.22 0.00	62.87 2.69 0.00	66.96 2.72 0.00	64.45 2.28 0.00	49.49 0.83 0.00	48.68 -0.01 0.00	43.36 -0.18 0.00	39.97 -0.19 0.00	42.09 -0.04 0.00	48.21 0.05 0.00	65.02 0.78 0.00	71.33 2.31 0.00	67.11 2.65 0.00	59.04 2.49 0.00	55.68 2.45 0.00	56.99 2.11 0.00	52.62 1.74 0.00	54.86 1.71 0.00	54.28 1.39 0.00
DUNKIRK___115KV_TB_200 55889	74.95 0.22 0.00	57.45 0.16 0.00	57.37 0.45 0.00	58.05 0.01 0.00	56.71 -0.07 0.00	59.94 -0.43 0.00	58.63 -1.56 0.00	60.26 -3.98 0.00	58.09 -4.08 0.00	45.69 -2.96 0.00	45.65 -3.03 0.00	41.19 -2.35 0.00	38.42 -1.74 0.00	40.37 -1.76 0.00	46.13 -2.02 0.00	61.23 -3.01 0.00	64.60 -4.05 0.38	60.30 -4.16 0.00	52.60 -3.95 0.00	49.14 -4.10 0.00	50.65 -4.23 0.00	46.80 -4.08 0.00	49.20 -3.95 0.00	49.25 -3.64 0.00
DUNKIRK___1 23563	74.95 0.22 0.00	57.45 0.16 0.00	57.37 0.45 0.00	58.05 0.01 0.00	56.71 -0.07 0.00	59.94 -0.43 0.00	58.63 -1.56 0.00	60.26 -3.98 0.00	58.09 -4.08 0.00	45.69 -2.96 0.00	45.65 -3.03 0.00	41.19 -2.35 0.00	38.42 -1.74 0.00	40.37 -1.76 0.00	46.13 -2.02 0.00	61.23 -3.01 0.00	64.60 -4.05 0.38	60.30 -4.16 0.00	52.60 -3.95 0.00	49.14 -4.10 0.00	50.65 -4.23 0.00	46.80 -4.08 0.00	49.20 -3.95 0.00	49.25 -3.64 0.00
DUNKIRK___2 23564	74.95 0.22 0.00	57.45 0.16 0.00	57.37 0.45 0.00	58.05 0.01 0.00	56.71 -0.07 0.00	59.94 -0.43 0.00	58.63 -1.56 0.00	60.26 -3.98 0.00	58.09 -4.08 0.00	45.69 -2.96 0.00	45.65 -3.03 0.00	41.19 -2.35 0.00	38.42 -1.74 0.00	40.37 -1.76 0.00	46.13 -2.02 0.00	61.23 -3.01 0.00	64.60 -4.05 0.38	60.30 -4.16 0.00	52.60 -3.95 0.00	49.14 -4.10 0.00	50.65 -4.23 0.00	46.80 -4.08 0.00	49.20 -3.95 0.00	49.25 -3.64 0.00
DUNKIRK___3 23565	74.59 -0.14 0.00	57.20 -0.09 0.00	57.11 0.19 0.00	57.81 -0.22 0.00	56.50 -0.28 0.00	59.74 -0.63 0.00	58.41 -1.78 0.00	60.12 -4.12 0.00	57.98 -4.19 0.00	45.57 -3.09 0.00	45.55 -3.13 0.00	41.08 -2.46 0.00	38.31 -1.85 0.00	40.21 -1.92 0.00	45.95 -2.21 0.00	60.99 -3.26 0.00	64.34 -4.30 0.38	60.11 -4.36 0.00	52.46 -4.09 0.00	49.03 -4.21 0.00	50.59 -4.29 0.00	46.74 -4.14 0.00	49.14 -4.01 0.00	49.21 -3.68 0.00
DUNKIRK___4 23566	74.59 -0.14 0.00	57.20 -0.09 0.00	57.11 0.19 0.00	57.81 -0.22 0.00	56.50 -0.28 0.00	59.74 -0.63 0.00	58.41 -1.78 0.00	60.12 -4.12 0.00	57.98 -4.19 0.00	45.57 -3.09 0.00	45.55 -3.13 0.00	41.08 -2.46 0.00	38.31 -1.85 0.00	40.21 -1.92 0.00	45.95 -2.21 0.00	60.99 -3.26 0.00	64.34 -4.30 0.38	60.11 -4.36 0.00	52.46 -4.09 0.00	49.03 -4.21 0.00	50.59 -4.29 0.00	46.74 -4.14 0.00	49.14 -4.01 0.00	49.21 -3.68 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	79.66 4.93 0.00	61.40 4.11 0.00	60.86 3.94 0.00	62.10 4.06 0.00	60.64 3.86 0.00	64.44 4.06 0.00	64.57 4.39 0.00	68.92 4.68 0.00	66.89 4.72 0.00	52.21 3.56 0.00	51.93 3.25 0.00	51.49 2.94 -5.02	42.93 2.60 -0.18	48.82 2.75 -3.94	51.27 3.11 0.00	68.05 3.81 0.00	73.92 4.91 0.01	69.74 5.28 0.00	61.21 4.66 0.00	57.51 4.28 0.00	58.90 4.02 0.00	54.63 3.75 0.00	56.88 3.73 0.00	56.58 3.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	79.41 4.68 0.00	61.15 3.86 0.00	60.55 3.63 0.00	61.80 3.77 0.00	60.38 3.60 0.00	64.21 3.83 0.00	64.35 4.16 0.00	68.71 4.46 0.00	66.60 4.42 0.00	51.89 3.24 0.00	51.54 2.85 0.00	44.51 2.53 1.57	42.27 2.17 0.06	43.21 2.31 1.23	50.80 2.65 0.00	67.65 3.41 0.00	73.58 4.57 0.01	69.42 4.95 0.00	60.93 4.38 0.00	57.27 4.03 0.00	58.69 3.80 0.00	54.40 3.52 0.00	56.62 3.47 0.00	56.30 3.41 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	79.55 4.82 0.00	61.40 4.10 0.00	60.82 3.90 0.00	61.99 3.96 0.00	60.61 3.83 0.00	64.32 3.94 0.00	64.48 4.29 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.42 3.76 0.00	52.13 3.45 0.00	51.70 3.15 -5.01	43.09 2.75 -0.18	48.87 2.81 -3.93	51.26 3.10 0.00	67.93 3.69 0.00	73.81 4.79 0.01	69.72 5.25 0.00	61.30 4.75 0.00	57.69 4.45 0.00	59.03 4.15 0.00	54.81 3.93 0.00	56.99 3.84 0.00	56.69 3.80 0.00
E179THST_13_KV_LOAD 356214	79.92 5.18 0.00	61.67 4.38 0.00	61.08 4.15 0.00	62.23 4.20 0.00	60.85 4.06 0.00	64.59 4.21 0.00	64.77 4.58 0.00	69.18 4.94 0.00	67.22 5.05 0.00	52.66 4.01 0.00	52.38 3.69 0.00	51.93 3.38 -5.01	43.30 2.96 -0.18	49.10 3.04 -3.93	51.52 3.37 0.00	68.27 4.03 0.00	74.19 5.18 0.01	70.06 5.59 0.00	61.62 5.08 0.00	57.98 4.74 0.00	59.31 4.43 0.00	55.07 4.19 0.00	57.26 4.11 0.00	56.95 4.06 0.00
EAST HAMPTON___GT 23717	83.67 8.93 0.00	64.17 6.87 0.00	63.59 6.67 0.00	65.46 7.43 0.00	63.79 7.00 0.00	68.01 7.63 0.00	68.61 8.43 0.00	72.97 8.73 0.00	70.32 8.15 0.00	54.06 5.41 0.00	54.04 5.36 0.00	53.39 4.85 -4.99	44.51 4.17 -0.18	51.10 5.05 -3.92	54.59 6.43 0.00	73.33 9.08 0.00	83.31 11.08 -3.21	76.91 11.48 -0.97	66.54 9.99 -0.01	108.78 9.31 -46.23	63.73 8.84 0.00	81.65 8.11 -22.67	61.19 8.04 0.00	60.68 7.79 0.00
EAST RIVER___6 23660	79.75 5.02 0.00	61.52 4.23 0.00	60.94 4.02 0.00	62.14 4.10 0.00	60.69 3.90 0.00	64.45 4.07 0.00	64.59 4.40 0.00	68.95 4.71 0.00	67.02 4.85 0.00	52.53 3.88 0.00	52.22 3.53 0.00	51.81 3.26 -5.01	43.26 2.92 -0.18	49.11 3.05 -3.94	51.56 3.41 0.00	68.29 4.05 0.00	74.17 5.16 0.01	70.01 5.55 0.00	61.47 4.92 0.00	57.76 4.52 0.00	59.09 4.21 0.00	54.82 3.94 0.00	57.07 3.92 0.00	56.77 3.88 0.00
EAST RIVER___7 23524	79.75 5.02 0.00	61.52 4.23 0.00	60.94 4.02 0.00	62.14 4.10 0.00	60.69 3.90 0.00	64.45 4.07 0.00	64.59 4.40 0.00	68.95 4.71 0.00	67.02 4.85 0.00	52.53 3.88 0.00	52.22 3.53 0.00	51.81 3.26 -5.01	43.26 2.92 -0.18	49.11 3.05 -3.94	51.56 3.41 0.00	68.29 4.05 0.00	74.17 5.16 0.01	70.01 5.55 0.00	61.47 4.92 0.00	57.76 4.52 0.00	59.09 4.21 0.00	54.82 3.94 0.00	57.07 3.92 0.00	56.77 3.88 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	79.41 4.68 0.00	61.19 3.90 0.00	60.61 3.69 0.00	61.85 3.82 0.00	60.41 3.63 0.00	64.20 3.82 0.00	64.34 4.15 0.00	68.67 4.43 0.00	66.64 4.47 0.00	52.04 3.39 0.00	51.74 3.06 0.00	51.53 2.77 -5.22	42.77 2.43 -0.18	48.80 2.57 -4.10	51.06 2.91 0.00	67.81 3.57 0.00	73.66 4.65 0.01	69.49 5.02 0.00	61.00 4.45 0.00	57.32 4.09 0.00	58.71 3.82 0.00	54.46 3.58 0.00	56.68 3.53 0.00	56.41 3.51 0.00
EAST_HAMPTON___DIESEL 23722	83.63 8.90 0.00	64.11 6.82 0.00	63.54 6.62 0.00	65.43 7.39 0.00	63.74 6.96 0.00	67.95 7.57 0.00	68.57 8.38 0.00	72.89 8.65 0.00	70.23 8.06 0.00	54.01 5.35 0.00	54.01 5.32 0.00	53.38 4.85 -4.99	44.51 4.17 -0.18	51.10 5.05 -3.92	54.60 6.44 0.00	73.36 9.11 0.00	83.32 11.09 -3.21	76.93 11.50 -0.97	66.54 9.99 -0.01	108.78 9.32 -46.23	63.72 8.83 0.00	81.63 8.09 -22.67	61.19 8.04 0.00	60.67 7.78 0.00
EAST_POINT___SOLAR 323840	80.04 5.31 0.00	61.29 3.99 0.00	60.96 4.04 0.00	62.18 4.14 0.00	60.90 4.12 0.00	64.86 4.49 0.00	64.86 4.67 0.00	69.32 5.08 0.00	66.24 4.07 0.00	50.54 1.88 0.00	50.37 1.68 0.00	45.20 1.66 0.00	41.97 1.81 0.00	44.22 2.09 0.00	50.95 2.79 0.00	68.78 4.54 0.00	74.69 5.67 0.01	70.10 5.64 0.00	61.46 4.91 0.00	57.68 4.44 0.00	59.37 4.48 0.00	54.90 4.02 0.00	56.98 3.83 0.00	56.55 3.66 0.00
EAST_PULASKI___ESR 323781	73.11 -1.62 0.00	56.14 -1.16 0.00	55.85 -1.07 0.00	56.99 -1.04 0.00	55.83 -0.96 0.00	59.41 -0.97 0.00	59.15 -1.04 0.00	62.98 -1.26 0.00	60.99 -1.18 0.00	47.45 -1.20 0.00	47.42 -1.26 0.00	42.43 -1.11 0.00	39.09 -1.07 0.00	40.93 -1.20 0.00	46.84 -1.32 0.00	62.83 -1.42 0.00	68.00 -1.03 0.00	63.78 -0.68 0.00	55.95 -0.59 0.00	52.63 -0.61 0.00	54.12 -0.76 0.00	50.04 -0.84 0.00	52.26 -0.89 0.00	51.95 -0.95 0.00
EAST_RIVER___1 323558	79.73 5.00 0.00	61.50 4.21 0.00	60.94 4.02 0.00	62.14 4.10 0.00	60.69 3.90 0.00	64.43 4.05 0.00	64.57 4.38 0.00	68.94 4.70 0.00	66.97 4.80 0.00	52.48 3.82 0.00	52.17 3.48 0.00	51.76 3.21 -5.01	43.21 2.87 -0.18	49.06 2.99 -3.94	51.51 3.35 0.00	68.20 3.95 0.00	74.09 5.08 0.01	69.90 5.44 0.00	61.40 4.85 0.00	57.71 4.47 0.00	59.03 4.15 0.00	54.78 3.90 0.00	57.03 3.88 0.00	56.75 3.86 0.00
EAST_RIVER___2 323559	79.75 5.02 0.00	61.52 4.23 0.00	60.94 4.02 0.00	62.14 4.10 0.00	60.69 3.90 0.00	64.45 4.07 0.00	64.59 4.40 0.00	68.95 4.71 0.00	67.02 4.85 0.00	52.53 3.88 0.00	52.22 3.53 0.00	51.81 3.26 -5.01	43.26 2.92 -0.18	49.11 3.05 -3.94	51.56 3.41 0.00	68.29 4.05 0.00	74.17 5.16 0.01	70.01 5.55 0.00	61.47 4.92 0.00	57.76 4.52 0.00	59.09 4.21 0.00	54.82 3.94 0.00	57.07 3.92 0.00	56.77 3.88 0.00
EAST___DELAWARE_HYD 23607	81.10 6.37 0.00	62.33 5.04 0.00	61.73 4.81 0.00	62.98 4.95 0.00	61.57 4.79 0.00	65.53 5.15 0.00	65.67 5.49 0.00	69.85 5.62 0.00	66.43 4.26 0.00	51.61 2.95 0.00	51.11 2.43 0.00	44.30 2.04 1.29	41.81 1.70 0.05	42.94 1.82 1.01	50.34 2.19 0.00	67.32 3.07 0.00	73.44 4.42 0.01	69.30 4.84 0.00	60.87 4.32 0.00	57.20 3.96 0.00	58.65 3.77 0.00	54.31 3.43 0.00	56.46 3.32 0.00	56.10 3.21 0.00
EIGHT_POINT___WT_PWR 323820	76.27 1.54 0.00	58.33 1.03 0.00	58.21 1.29 0.00	59.11 1.07 0.00	57.82 1.04 0.00	61.21 0.83 0.00	60.58 0.39 0.00	63.10 -1.15 0.00	60.52 -1.65 0.00	46.48 -2.18 0.00	45.81 -2.87 0.00	40.91 -2.63 0.00	37.93 -2.23 0.00	39.88 -2.25 0.00	45.93 -2.23 0.00	62.19 -2.06 0.00	66.91 -1.92 0.19	61.74 -2.72 0.00	53.87 -2.68 0.00	50.19 -3.04 0.00	51.84 -3.05 0.00	47.42 -3.46 0.00	49.14 -4.00 0.00	48.75 -4.15 0.00
ELBRIDGE_115KV_TB2 80188	74.17 -0.56 0.00	56.79 -0.50 0.00	56.47 -0.45 0.00	57.52 -0.51 0.00	56.28 -0.51 0.00	59.84 -0.53 0.00	59.63 -0.55 0.00	63.35 -0.89 0.00	61.29 -0.88 0.00	47.63 -1.02 0.00	47.46 -1.22 0.00	42.46 -1.08 0.00	39.22 -0.94 0.00	41.11 -1.02 0.00	47.04 -1.12 0.00	62.88 -1.36 0.00	67.96 -1.06 0.00	63.61 -0.85 0.00	55.89 -0.66 0.00	52.59 -0.64 0.00	54.14 -0.74 0.00	50.04 -0.84 0.00	52.26 -0.89 0.00	52.01 -0.88 0.00
ELEC_TRO_TEK 24086	80.44 5.71 0.00	62.04 4.74 0.00	61.45 4.53 0.00	62.83 4.79 0.00	61.30 4.52 0.00	65.21 4.84 0.00	65.37 5.19 0.00	69.75 5.51 0.00	67.63 5.46 0.00	52.66 4.00 0.00	52.39 3.71 0.00	51.77 3.24 -4.99	43.15 2.81 -0.18	49.16 3.11 -3.92	51.88 3.73 0.00	69.00 4.75 0.00	78.12 5.89 -3.21	71.71 6.28 -0.97	62.02 5.47 -0.01	104.59 5.12 -46.23	59.76 4.87 0.00	78.08 4.54 -22.67	57.61 4.47 0.00	57.30 4.41 0.00

ELLENBURG_WT_PWR 323604	72.73 -2.00 0.00	55.73 -1.57 0.00	55.44 -1.48 0.00	57.03 -1.01 0.00	55.63 -1.16 0.00	59.05 -1.33 0.00	58.37 -1.82 0.00	62.81 -1.43 0.00	61.02 -1.15 0.00	48.78 0.12 0.00	49.36 0.68 0.00	44.20 0.66 0.00	40.75 0.59 0.00	42.72 0.59 0.00	49.00 0.85 0.00	65.62 1.38 0.00	69.65 0.63 0.00	64.42 -0.04 0.00	56.34 -0.21 0.00	53.32 0.09 0.00	55.26 0.37 0.00	51.24 0.36 0.00	53.68 0.53 0.00	53.55 0.66 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	73.25 -1.48 0.00	56.22 -1.07 0.00	56.19 -0.73 0.00	56.90 -1.13 0.00	55.70 -1.08 0.00	58.93 -1.45 0.00	57.61 -2.58 0.00	59.28 -4.95 0.00	57.30 -4.87 0.00	45.08 -3.57 0.00	45.13 -3.56 0.00	40.65 -2.90 0.00	37.86 -2.30 0.00	39.63 -2.50 0.00	45.25 -2.90 0.00	59.99 -4.25 0.41	63.30 -5.31 0.00	59.33 -5.14 0.00	51.90 -4.64 0.00	48.66 -4.57 0.00	50.27 -4.61 0.00	46.52 -4.36 0.00	48.98 -4.17 0.00	49.14 -3.75 0.00
EMPIRE_CC_1 323656	77.48 2.75 0.00	59.77 2.47 0.00	59.33 2.41 0.00	60.46 2.43 0.00	58.86 2.08 0.00	62.65 2.28 0.00	62.58 2.39 0.00	66.60 2.36 0.00	64.47 2.30 0.00	50.32 1.66 0.00	50.32 1.63 0.00	45.61 1.38 -0.68	41.47 1.29 -0.02	44.04 1.37 -0.54	49.60 1.44 0.00	66.11 1.87 0.00	71.60 2.58 0.00	67.08 2.62 0.00	58.91 2.36 0.00	55.58 2.35 0.00	57.06 2.17 0.00	52.93 2.05 0.00	55.37 2.23 0.00	55.17 2.28 0.00
EMPIRE_CC_2 323658	77.48 2.75 0.00	59.77 2.47 0.00	59.33 2.41 0.00	60.46 2.43 0.00	58.86 2.08 0.00	62.65 2.28 0.00	62.58 2.39 0.00	66.60 2.36 0.00	64.47 2.30 0.00	50.32 1.66 0.00	50.32 1.63 0.00	45.61 1.38 -0.68	41.47 1.29 -0.02	44.04 1.37 -0.54	49.60 1.44 0.00	66.11 1.87 0.00	71.60 2.58 0.00	67.08 2.62 0.00	58.91 2.36 0.00	55.58 2.35 0.00	57.06 2.17 0.00	52.93 2.05 0.00	55.37 2.23 0.00	55.17 2.28 0.00
ENORWICH_115KV_TB1 80156	82.22 7.48 0.00	62.88 5.59 0.00	62.52 5.60 0.00	63.85 5.82 0.00	62.54 5.75 0.00	66.73 6.35 0.00	66.80 6.61 0.00	71.27 7.03 0.00	68.81 6.64 0.00	52.77 4.12 0.00	51.92 3.24 0.00	46.23 2.69 0.00	42.56 2.40 0.00	44.63 2.50 0.00	51.31 3.16 0.00	69.50 5.26 0.00	76.05 7.07 0.04	71.54 7.08 0.00	62.87 6.32 0.00	59.05 5.81 0.00	60.48 5.60 0.00	55.41 4.53 0.00	57.23 4.09 0.00	56.56 3.67 0.00
ERIE_ST__34_KV_TB1-2 80199	74.55 -0.18 0.00	57.20 -0.10 0.00	57.15 0.23 0.00	57.90 -0.14 0.00	56.67 -0.11 0.00	59.97 -0.41 0.00	58.66 -1.52 0.00	60.57 -3.67 0.00	58.61 -3.56 0.00	46.05 -2.60 0.00	46.08 -2.61 0.00	41.52 -2.02 0.00	38.62 -1.54 0.00	40.43 -1.70 0.00	46.16 -1.99 0.00	61.23 -3.01 0.00	64.68 -3.96 0.37	60.65 -3.82 0.00	53.10 -3.44 0.00	49.77 -3.47 0.00	51.40 -3.49 0.00	47.49 -3.39 0.00	49.94 -3.20 0.00	50.14 -2.75 0.00
ERIE_WT_PWR 323693	73.93 -0.80 0.00	56.73 -0.56 0.00	56.65 -0.27 0.00	57.35 -0.68 0.00	56.19 -0.59 0.00	59.46 -0.92 0.00	58.13 -2.05 0.00	59.86 -4.38 0.00	57.87 -4.30 0.00	45.45 -3.21 0.00	45.47 -3.21 0.00	41.02 -2.53 0.00	38.18 -1.98 0.00	39.95 -2.18 0.00	45.64 -2.52 0.00	60.51 -3.73 0.00	63.91 -4.73 0.38	59.86 -4.60 0.00	52.34 -4.21 0.00	49.06 -4.17 0.00	50.70 -4.19 0.00	46.87 -4.01 0.00	49.35 -3.80 0.00	49.47 -3.42 0.00
ESPRGFLD_115KV_TB1 80157	78.11 3.38 0.00	59.79 2.50 0.00	59.43 2.51 0.00	60.67 2.64 0.00	59.50 2.71 0.00	63.33 2.96 0.00	63.20 3.01 0.00	67.53 3.29 0.00	65.30 3.13 0.00	50.74 2.09 0.00	50.68 2.00 0.00	45.36 1.82 0.00	41.77 1.61 0.00	43.77 1.64 0.00	50.28 2.13 0.00	67.44 3.20 0.00	72.71 3.71 0.02	68.06 3.59 0.00	59.73 3.18 0.00	56.05 2.82 0.00	57.74 2.86 0.00	53.35 2.47 0.00	55.26 2.12 0.00	54.86 1.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	76.70 1.97 0.00	58.72 1.43 0.00	58.44 1.52 0.00	59.54 1.50 0.00	58.24 1.46 0.00	61.95 1.58 0.00	61.82 1.64 0.00	65.69 1.45 0.00	63.52 1.35 0.00	49.09 0.43 0.00	48.60 -0.08 0.00	43.41 -0.13 0.00	40.01 -0.15 0.00	41.97 -0.16 0.00	48.13 -0.03 0.00	64.65 0.41 0.00	70.25 1.25 0.02	65.84 1.38 0.00	57.93 1.38 0.00	54.45 1.21 0.00	55.96 1.07 0.00	51.61 0.73 0.00	53.82 0.67 0.00	53.50 0.61 0.00
ETNA____115KV_TB2 80207	76.70 1.97 0.00	58.72 1.43 0.00	58.44 1.52 0.00	59.54 1.50 0.00	58.24 1.46 0.00	61.95 1.58 0.00	61.82 1.64 0.00	65.69 1.45 0.00	63.52 1.35 0.00	49.09 0.43 0.00	48.60 -0.08 0.00	43.41 -0.13 0.00	40.01 -0.15 0.00	41.97 -0.16 0.00	48.13 -0.03 0.00	64.65 0.41 0.00	70.25 1.25 0.02	65.84 1.38 0.00	57.93 1.38 0.00	54.45 1.21 0.00	55.96 1.07 0.00	51.61 0.73 0.00	53.82 0.67 0.00	53.50 0.61 0.00
EUCLID__115KV_TB2 356179	73.57 -1.16 0.00	56.40 -0.89 0.00	56.09 -0.83 0.00	57.12 -0.91 0.00	55.90 -0.88 0.00	59.45 -0.93 0.00	59.20 -0.98 0.00	62.90 -1.34 0.00	60.86 -1.31 0.00	47.41 -1.25 0.00	47.27 -1.41 0.00	42.30 -1.24 0.00	39.03 -1.13 0.00	40.93 -1.20 0.00	46.82 -1.34 0.00	62.59 -1.66 0.00	67.48 -1.54 0.00	63.17 -1.30 0.00	55.47 -1.08 0.00	52.14 -1.10 0.00	53.65 -1.23 0.00	49.64 -1.24 0.00	51.84 -1.31 0.00	51.62 -1.28 0.00
E_CANADA_CAP_HY 24051	78.11 3.38 0.00	59.76 2.47 0.00	59.43 2.51 0.00	60.65 2.62 0.00	59.46 2.68 0.00	63.33 2.95 0.00	63.13 2.95 0.00	67.50 3.26 0.00	65.04 2.87 0.00	50.34 1.68 0.00	50.34 1.65 0.00	45.06 1.52 0.00	41.58 1.43 0.00	43.62 1.49 0.00	50.16 2.01 0.00	67.48 3.24 0.00	72.90 3.88 0.01	68.22 3.75 0.00	59.76 3.22 0.00	56.08 2.85 0.00	57.82 2.94 0.00	53.51 2.63 0.00	55.49 2.34 0.00	55.10 2.21 0.00
E_CANADA_MHWK_HY 24050	77.25 2.52 0.00	59.37 2.08 0.00	58.97 2.05 0.00	60.10 2.07 0.00	58.77 1.98 0.00	62.59 2.22 0.00	62.87 2.69 0.00	66.96 2.72 0.00	64.45 2.28 0.00	49.49 0.83 0.00	48.68 -0.01 0.00	43.36 -0.18 0.00	39.97 -0.19 0.00	42.09 -0.04 0.00	48.21 0.05 0.00	65.02 0.78 0.00	71.33 2.31 0.00	67.11 2.65 0.00	59.04 2.49 0.00	55.68 2.45 0.00	56.99 2.11 0.00	52.62 1.74 0.00	54.86 1.71 0.00	54.28 1.39 0.00
E_FISHKILL__LBMP 23776	79.02 4.29 0.00	60.87 3.58 0.00	60.31 3.39 0.00	61.56 3.52 0.00	60.12 3.34 0.00	63.89 3.52 0.00	63.99 3.81 0.00	68.32 4.08 0.00	66.24 4.06 0.00	51.69 3.03 0.00	51.40 2.71 0.00	47.14 2.42 -1.18	42.30 2.10 -0.04	45.30 2.25 -0.92	50.66 2.50 0.00	67.36 3.12 0.00	73.14 4.13 0.01	68.94 4.47 0.00	60.53 3.98 0.00	56.89 3.66 0.00	58.31 3.42 0.00	54.05 3.18 0.00	56.31 3.16 0.00	56.02 3.13 0.00
FALCON____SEABRD_CC1 323796	72.02 -2.71 0.00	55.48 -1.81 0.00	55.18 -1.74 0.00	56.98 -1.05 0.00	55.29 -1.49 0.00	58.68 -1.70 0.00	57.75 -2.43 0.00	62.29 -1.95 0.00	60.79 -1.38 0.00	49.01 0.35 0.00	49.69 1.00 0.00	44.48 0.94 0.00	41.01 0.86 0.00	43.00 0.87 0.00	49.35 1.19 0.00	66.21 1.97 0.00	70.24 1.22 0.00	64.70 0.24 0.00	56.57 0.03 0.00	53.73 0.49 0.00	55.70 0.82 0.00	51.58 0.70 0.00	54.09 0.94 0.00	53.92 1.03 0.00

FALCON___SEABRD_CC2 323797	72.02 -2.71 0.00	55.48 -1.81 0.00	55.18 -1.74 0.00	56.98 -1.05 0.00	55.29 -1.49 0.00	58.68 -1.70 0.00	57.75 -2.43 0.00	62.29 -1.95 0.00	60.79 -1.38 0.00	49.01 0.35 0.00	49.69 1.00 0.00	44.48 0.94 0.00	41.01 0.86 0.00	43.00 0.87 0.00	49.35 1.19 0.00	66.21 1.97 0.00	70.24 1.22 0.00	64.70 0.24 0.00	56.57 0.03 0.00	53.73 0.49 0.00	55.70 0.82 0.00	51.58 0.70 0.00	54.09 0.94 0.00	53.92 1.03 0.00
FAR ROCKAWAY___4 23548	81.60 6.87 0.00	62.89 5.60 0.00	62.29 5.37 0.00	63.66 5.63 0.00	62.11 5.33 0.00	66.08 5.70 0.00	66.23 6.04 0.00	70.65 6.41 0.00	68.47 6.30 0.00	53.30 4.64 0.00	53.05 4.36 0.00	52.36 3.83 -4.99	43.67 3.34 -0.18	49.73 3.68 -3.92	52.54 4.38 0.00	69.89 5.65 0.00	79.14 6.91 -3.21	72.67 7.23 -0.97	62.85 6.30 -0.01	105.39 5.93 -46.23	60.60 5.71 0.00	78.83 5.29 -22.67	58.38 5.24 0.00	58.02 5.13 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	79.81 5.08 0.00	61.55 4.25 0.00	60.98 4.06 0.00	62.18 4.14 0.00	60.73 3.95 0.00	64.49 4.11 0.00	64.61 4.43 0.00	68.97 4.73 0.00	67.02 4.85 0.00	52.50 3.85 0.00	52.21 3.53 0.00	51.78 3.23 -5.01	43.22 2.89 -0.18	49.07 3.01 -3.94	51.52 3.37 0.00	68.23 3.99 0.00	74.10 5.08 0.01	69.95 5.49 0.00	61.42 4.88 0.00	57.73 4.50 0.00	59.07 4.18 0.00	54.80 3.93 0.00	57.07 3.93 0.00	56.79 3.89 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	79.70 4.97 0.00	61.48 4.19 0.00	60.90 3.98 0.00	62.11 4.07 0.00	60.67 3.88 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.88 4.64 0.00	66.94 4.77 0.00	52.44 3.78 0.00	52.13 3.44 0.00	51.73 3.18 -5.01	43.17 2.83 -0.18	49.01 2.94 -3.94	51.46 3.30 0.00	68.14 3.89 0.00	74.01 5.00 0.01	69.84 5.37 0.00	61.34 4.79 0.00	57.66 4.42 0.00	58.99 4.11 0.00	54.73 3.85 0.00	57.01 3.86 0.00	56.72 3.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	79.74 5.01 0.00	61.52 4.22 0.00	60.95 4.03 0.00	62.15 4.11 0.00	60.72 3.93 0.00	64.45 4.08 0.00	64.59 4.41 0.00	68.94 4.70 0.00	66.99 4.82 0.00	52.48 3.82 0.00	52.17 3.48 0.00	51.77 3.22 -5.01	43.20 2.87 -0.18	49.04 2.98 -3.94	51.49 3.34 0.00	68.17 3.93 0.00	74.06 5.04 0.01	69.90 5.44 0.00	61.39 4.84 0.00	57.71 4.47 0.00	59.03 4.15 0.00	54.78 3.90 0.00	57.04 3.90 0.00	56.76 3.87 0.00
FARRAGUT___LBMP 323566	79.70 4.97 0.00	61.48 4.19 0.00	60.90 3.98 0.00	62.11 4.07 0.00	60.67 3.88 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.88 4.64 0.00	66.94 4.77 0.00	52.44 3.78 0.00	52.13 3.44 0.00	51.73 3.18 -5.01	43.17 2.83 -0.18	49.01 2.94 -3.94	51.46 3.30 0.00	68.14 3.89 0.00	74.01 5.00 0.01	69.84 5.37 0.00	61.34 4.79 0.00	57.66 4.42 0.00	58.99 4.11 0.00	54.73 3.85 0.00	57.01 3.86 0.00	56.72 3.83 0.00
FENNER___WINDPWR 24204	76.51 1.78 0.00	58.73 1.44 0.00	58.41 1.49 0.00	59.56 1.53 0.00	58.35 1.57 0.00	62.11 1.74 0.00	61.95 1.76 0.00	65.95 1.71 0.00	63.86 1.68 0.00	49.58 0.92 0.00	49.26 0.57 0.00	44.00 0.46 0.00	40.52 0.36 0.00	42.50 0.37 0.00	48.67 0.52 0.00	65.28 1.04 0.00	70.68 1.66 0.00	66.10 1.64 0.00	58.03 1.49 0.00	54.53 1.30 0.00	56.08 1.19 0.00	51.81 0.93 0.00	53.96 0.82 0.00	53.59 0.69 0.00
FIBERTEK___ENERGY 23856	74.49 -0.24 0.00	57.07 -0.23 0.00	56.75 -0.17 0.00	57.80 -0.24 0.00	56.55 -0.23 0.00	60.15 -0.22 0.00	59.94 -0.25 0.00	63.71 -0.53 0.00	61.64 -0.53 0.00	47.91 -0.74 0.00	47.74 -0.95 0.00	42.73 -0.82 0.00	39.44 -0.72 0.00	41.35 -0.78 0.00	47.32 -0.83 0.00	63.31 -0.93 0.00	68.38 -0.64 0.00	64.01 -0.46 0.00	56.24 -0.31 0.00	52.88 -0.36 0.00	54.41 -0.47 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.27 -0.63 0.00
FITZPATRICK____ 23598	72.31 -2.42 0.00	55.46 -1.83 0.00	55.13 -1.79 0.00	56.17 -1.86 0.00	54.96 -1.82 0.00	58.44 -1.93 0.00	58.21 -1.98 0.00	61.91 -2.33 0.00	59.91 -2.26 0.00	46.75 -1.91 0.00	46.68 -2.00 0.00	41.77 -1.77 0.00	38.54 -1.62 0.00	40.42 -1.71 0.00	46.22 -1.93 0.00	61.75 -2.49 0.00	66.52 -2.50 0.00	62.22 -2.24 0.00	54.59 -1.95 0.00	51.35 -1.88 0.00	52.88 -2.00 0.00	48.95 -1.93 0.00	51.13 -2.02 0.00	50.89 -2.00 0.00
FLOWRFLD_69_KV_BK1 356044	82.02 7.29 0.00	63.15 5.86 0.00	62.53 5.61 0.00	64.13 6.10 0.00	62.54 5.76 0.00	66.66 6.28 0.00	66.97 6.79 0.00	71.51 7.27 0.00	69.28 7.11 0.00	53.51 4.85 0.00	53.13 4.44 0.00	52.35 3.82 -4.99	43.59 3.25 -0.18	49.85 3.80 -3.92	52.98 4.82 0.00	70.77 6.53 0.00	80.19 7.96 -3.21	73.87 8.44 -0.97	63.92 7.37 -0.01	106.39 6.92 -46.23	61.48 6.60 0.00	79.66 6.12 -22.67	59.21 6.06 0.00	58.80 5.90 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	80.43 5.70 0.00	61.92 4.63 0.00	61.34 4.42 0.00	62.59 4.56 0.00	61.15 4.37 0.00	65.04 4.66 0.00	65.19 5.00 0.00	69.60 5.37 0.00	67.45 5.28 0.00	52.57 3.91 0.00	52.20 3.52 0.00	46.65 3.11 0.00	42.88 2.72 0.00	45.03 2.90 0.00	51.48 3.33 0.00	68.58 4.33 0.00	74.58 5.56 0.01	70.34 5.87 0.00	61.74 5.19 0.00	58.02 4.78 0.00	59.46 4.57 0.00	55.09 4.20 0.00	57.34 4.20 0.00	57.00 4.10 0.00
FORT ORANGE____ 23900	77.59 2.86 0.00	59.70 2.40 0.00	59.31 2.39 0.00	60.44 2.40 0.00	58.99 2.20 0.00	62.76 2.39 0.00	62.72 2.53 0.00	66.72 2.48 0.00	64.56 2.39 0.00	50.28 1.62 0.00	50.01 1.33 0.00	44.64 1.10 0.00	41.17 1.01 0.00	43.17 1.04 0.00	49.14 0.98 0.00	65.70 1.46 0.00	71.14 2.12 0.00	66.70 2.24 0.00	58.57 2.02 0.00	55.19 1.96 0.00	56.64 1.76 0.00	52.57 1.69 0.00	55.17 2.02 0.00	54.95 2.05 0.00
FORT_DRUM_COGEN 23780	75.25 0.52 0.00	57.99 0.70 0.00	57.84 0.92 0.00	59.22 1.19 0.00	58.21 1.43 0.00	62.07 1.70 0.00	61.53 1.35 0.00	65.82 1.58 0.00	63.79 1.62 0.00	49.38 0.73 0.00	49.11 0.42 0.00	43.79 0.25 0.00	40.30 0.14 0.00	42.06 -0.07 0.00	48.20 0.04 0.00	65.27 1.02 0.00	71.19 2.17 0.00	67.00 2.53 0.00	58.69 2.15 0.00	55.21 1.98 0.00	56.71 1.83 0.00	52.35 1.47 0.00	54.70 1.56 0.00	54.37 1.48 0.00
FOX_HILLS___ESR 323835	79.64 4.91 0.00	61.55 4.26 0.00	61.04 4.12 0.00	62.20 4.17 0.00	60.82 4.04 0.00	64.38 4.01 0.00	64.47 4.29 0.00	68.80 4.56 0.00	66.94 4.77 0.00	52.73 4.07 0.00	52.41 3.73 0.00	51.92 3.37 -5.01	43.40 3.07 -0.18	49.24 3.18 -3.93	51.62 3.46 0.00	63.36 3.79 4.67	63.41 4.76 10.37	69.73 5.29 0.02	61.19 4.69 0.05	57.53 4.32 0.03	58.92 4.04 0.00	54.77 3.89 0.00	57.05 3.90 0.00	56.82 3.93 0.00
FPL FAR_ROCK_GT1 24212	81.60 6.87 0.00	62.89 5.60 0.00	62.29 5.37 0.00	63.66 5.63 0.00	62.11 5.32 0.00	66.08 5.71 0.00	66.23 6.04 0.00	70.65 6.41 0.00	68.47 6.30 0.00	53.30 4.64 0.00	53.05 4.36 0.00	52.36 3.83 -4.99	43.67 3.34 -0.18	49.73 3.68 -3.92	52.54 4.38 0.00	69.90 5.65 0.00	79.15 6.92 -3.21	72.66 7.23 -0.97	62.85 6.30 -0.01	105.39 5.93 -46.23	60.60 5.71 0.00	78.84 5.30 -22.67	58.38 5.24 0.00	58.03 5.13 0.00



FPL FAR_ROCK_GT2 23815	81.60 6.87 0.00	62.89 5.60 0.00	62.29 5.37 0.00	63.66 5.63 0.00	62.11 5.32 0.00	66.08 5.71 0.00	66.23 6.04 0.00	70.65 6.41 0.00	68.47 6.30 0.00	53.30 4.64 0.00	53.05 4.36 0.00	52.36 3.83 -4.99	43.67 3.34 -0.18	49.73 3.68 -3.92	52.54 4.38 0.00	69.90 5.65 0.00	79.15 6.92 -3.21	72.66 7.23 -0.97	62.85 6.30 -0.01	105.39 5.93 -46.23	60.60 5.71 0.00	78.84 5.30 -22.67	58.38 5.24 0.00	58.03 5.13 0.00
FRANKLIN_FALL_HYD 24054	74.77 0.04 0.00	57.26 -0.03 0.00	56.97 0.05 0.00	58.56 0.52 0.00	57.22 0.44 0.00	60.56 0.19 0.00	59.28 -0.91 0.00	63.72 -0.52 0.00	61.81 -0.36 0.00	49.14 0.48 0.00	49.52 0.84 0.00	44.33 0.78 0.00	40.75 0.59 0.00	42.62 0.49 0.00	48.89 0.73 0.00	65.74 1.50 0.00	69.95 0.93 0.00	65.02 0.55 0.00	56.88 0.33 0.00	53.77 0.53 0.00	55.66 0.77 0.00	51.56 0.68 0.00	54.22 1.07 0.00	54.54 1.64 0.00
FREEPORT_EQUS_GT1 23764	80.83 6.10 0.00	62.49 5.19 0.00	61.89 4.97 0.00	63.29 5.25 0.00	61.71 4.93 0.00	65.68 5.30 0.00	65.86 5.67 0.00	70.29 6.05 0.00	68.16 5.99 0.00	52.97 4.31 0.00	52.68 3.99 0.00	52.00 3.47 -4.99	43.33 3.00 -0.18	49.39 3.33 -3.92	52.22 4.07 0.00	69.54 5.29 0.00	78.58 6.35 -3.21	72.12 6.69 -0.97	62.39 5.84 -0.01	105.02 5.56 -46.23	60.32 5.43 0.00	78.59 5.04 -22.67	58.11 4.96 0.00	57.75 4.86 0.00
FREEPORT___CT2 23818	80.83 6.10 0.00	62.49 5.19 0.00	61.89 4.97 0.00	63.29 5.25 0.00	61.71 4.93 0.00	65.68 5.30 0.00	65.86 5.67 0.00	70.29 6.05 0.00	68.16 5.99 0.00	52.97 4.31 0.00	52.68 3.99 0.00	52.00 3.47 -4.99	43.33 3.00 -0.18	49.39 3.33 -3.92	52.22 4.07 0.00	69.54 5.29 0.00	78.58 6.35 -3.21	72.12 6.69 -0.97	62.39 5.84 -0.01	105.02 5.56 -46.23	60.32 5.43 0.00	78.59 5.04 -22.67	58.11 4.96 0.00	57.75 4.86 0.00
FRESHKLS_33_KV_LOAD 356253	79.56 4.83 0.00	61.52 4.23 0.00	61.04 4.12 0.00	62.17 4.14 0.00	60.84 4.05 0.00	64.37 4.00 0.00	64.45 4.27 0.00	68.74 4.50 0.00	66.92 4.75 0.00	52.77 4.11 0.00	52.46 3.78 0.00	51.93 3.38 -5.01	43.43 3.09 -0.18	49.27 3.21 -3.93	51.63 3.47 0.00	63.22 3.65 4.67	63.34 4.68 10.37	69.68 5.24 0.02	61.13 4.63 0.05	57.46 4.26 0.03	58.84 3.96 0.00	54.71 3.83 0.00	56.99 3.84 0.00	56.78 3.89 0.00
FULTON COGEN____ 23766	72.97 -1.76 0.00	55.96 -1.34 0.00	55.62 -1.31 0.00	56.66 -1.37 0.00	55.45 -1.34 0.00	58.97 -1.41 0.00	58.73 -1.46 0.00	62.46 -1.78 0.00	60.45 -1.72 0.00	47.10 -1.56 0.00	47.02 -1.66 0.00	42.09 -1.45 0.00	38.82 -1.34 0.00	40.68 -1.45 0.00	46.53 -1.62 0.00	62.25 -1.99 0.00	67.15 -1.87 0.00	62.86 -1.60 0.00	55.20 -1.35 0.00	51.91 -1.33 0.00	53.41 -1.48 0.00	49.41 -1.47 0.00	51.60 -1.54 0.00	51.29 -1.60 0.00
FULTON___LFGE 323630	79.37 4.64 0.00	60.83 3.53 0.00	60.40 3.48 0.00	61.59 3.56 0.00	60.31 3.53 0.00	64.20 3.83 0.00	64.15 3.97 0.00	68.54 4.30 0.00	65.75 3.58 0.00	50.39 1.74 0.00	50.08 1.40 0.00	44.74 1.20 0.00	41.27 1.12 0.00	43.31 1.18 0.00	49.85 1.69 0.00	67.70 3.45 0.00	73.79 4.77 0.00	69.21 4.75 0.00	60.67 4.12 0.00	57.01 3.77 0.00	58.66 3.78 0.00	54.28 3.40 0.00	56.41 3.26 0.00	56.00 3.11 0.00
G.F.CEMENT___DRP 24184	80.81 6.08 0.00	62.07 4.77 0.00	61.64 4.72 0.00	62.75 4.72 0.00	61.33 4.55 0.00	65.29 4.91 0.00	65.27 5.08 0.00	69.49 5.25 0.00	66.90 4.73 0.00	51.65 2.99 0.00	51.04 2.36 0.00	45.26 1.72 0.00	41.70 1.54 0.00	43.86 1.73 0.00	50.30 2.15 0.00	67.57 3.33 0.00	73.54 4.52 0.00	68.91 4.44 0.00	60.55 4.00 0.00	56.95 3.71 0.00	58.42 3.54 0.00	54.16 3.28 0.00	56.51 3.36 0.00	56.15 3.26 0.00
GARDENVILLE___LBMP 24039	73.61 -1.12 0.00	56.50 -0.79 0.00	56.45 -0.47 0.00	57.16 -0.87 0.00	55.95 -0.83 0.00	59.20 -1.18 0.00	57.87 -2.32 0.00	59.59 -4.65 0.00	57.57 -4.60 0.00	45.25 -3.40 0.00	45.28 -3.41 0.00	40.78 -2.76 0.00	38.00 -2.16 0.00	39.78 -2.35 0.00	45.45 -2.71 0.00	60.28 -3.97 0.00	63.63 -5.00 0.39	59.58 -4.88 0.00	52.13 -4.42 0.00	48.84 -4.40 0.00	50.46 -4.43 0.00	46.66 -4.22 0.00	49.10 -4.05 0.00	49.25 -3.64 0.00
GARDNVLA_35_KV_LD 355827	74.04 -0.69 0.00	56.80 -0.49 0.00	56.76 -0.17 0.00	57.46 -0.57 0.00	56.25 -0.53 0.00	59.53 -0.85 0.00	58.19 -1.99 0.00	59.93 -4.31 0.00	57.94 -4.24 0.00	45.53 -3.13 0.00	45.56 -3.13 0.00	41.04 -2.50 0.00	38.23 -1.93 0.00	40.02 -2.11 0.00	45.72 -2.44 0.00	60.65 -3.59 0.00	64.05 -4.60 0.38	59.96 -4.50 0.00	52.47 -4.08 0.00	49.17 -4.07 0.00	50.80 -4.09 0.00	46.96 -3.91 0.00	49.41 -3.74 0.00	49.56 -3.34 0.00
GELCKHM___115KV_LOAD 80723	73.90 -0.83 0.00	56.66 -0.63 0.00	56.33 -0.59 0.00	57.39 -0.64 0.00	56.15 -0.63 0.00	59.70 -0.67 0.00	59.46 -0.72 0.00	63.20 -1.04 0.00	61.15 -1.02 0.00	47.61 -1.05 0.00	47.47 -1.22 0.00	42.47 -1.07 0.00	39.19 -0.97 0.00	41.09 -1.03 0.00	47.02 -1.13 0.00	62.86 -1.38 0.00	67.83 -1.19 0.00	63.49 -0.98 0.00	55.75 -0.79 0.00	52.41 -0.82 0.00	53.95 -0.94 0.00	49.90 -0.98 0.00	52.10 -1.04 0.00	51.89 -1.00 0.00
GENERAL___MILLS 23808	73.89 -0.84 0.00	56.69 -0.60 0.00	56.65 -0.27 0.00	57.36 -0.67 0.00	56.14 -0.64 0.00	59.41 -0.96 0.00	58.08 -2.11 0.00	59.82 -4.42 0.00	57.81 -4.36 0.00	45.43 -3.22 0.00	45.46 -3.23 0.00	40.95 -2.59 0.00	38.15 -2.01 0.00	39.94 -2.19 0.00	45.62 -2.54 0.00	60.51 -3.74 0.00	63.90 -4.74 0.38	59.82 -4.64 0.00	52.33 -4.21 0.00	49.05 -4.19 0.00	50.67 -4.21 0.00	46.85 -4.03 0.00	49.30 -3.85 0.00	49.45 -3.44 0.00
GE_PLASTICS___DRP 24183	77.38 2.65 0.00	59.52 2.23 0.00	59.12 2.20 0.00	60.26 2.22 0.00	58.84 2.05 0.00	62.58 2.21 0.00	62.51 2.32 0.00	66.58 2.34 0.00	64.43 2.26 0.00	50.26 1.60 0.00	50.04 1.36 0.00	44.70 1.16 0.00	41.22 1.07 0.00	43.24 1.11 0.00	49.26 1.10 0.00	65.75 1.50 0.00	71.09 2.07 0.00	66.62 2.16 0.00	58.51 1.96 0.00	55.12 1.88 0.00	56.61 1.72 0.00	52.53 1.65 0.00	55.04 1.89 0.00	54.77 1.88 0.00
GILBOA___1 23756	77.20 2.47 0.00	59.35 2.06 0.00	58.91 1.99 0.00	60.07 2.04 0.00	58.69 1.91 0.00	62.42 2.05 0.00	62.36 2.17 0.00	66.45 2.21 0.00	64.34 2.17 0.00	50.18 1.53 0.00	49.98 1.30 0.00	44.69 1.15 0.00	41.17 1.01 0.00	43.21 1.08 0.00	49.34 1.18 0.00	65.82 1.58 0.00	71.10 2.08 0.01	66.64 2.18 0.00	58.62 2.07 0.00	55.17 1.94 0.00	56.66 1.78 0.00	52.52 1.64 0.00	54.83 1.69 0.00	54.57 1.67 0.00
GILBOA___2 23757	77.20 2.47 0.00	59.35 2.06 0.00	58.91 1.99 0.00	60.07 2.04 0.00	58.69 1.91 0.00	62.42 2.05 0.00	62.36 2.17 0.00	66.45 2.21 0.00	64.34 2.17 0.00	50.18 1.53 0.00	49.98 1.30 0.00	44.69 1.15 0.00	41.17 1.01 0.00	43.21 1.08 0.00	49.34 1.18 0.00	65.82 1.58 0.00	71.10 2.08 0.01	66.64 2.18 0.00	58.62 2.07 0.00	55.17 1.94 0.00	56.66 1.78 0.00	52.52 1.64 0.00	54.83 1.69 0.00	54.57 1.67 0.00

GILBOA___3 23758	77.20 2.47 0.00	59.35 2.06 0.00	58.91 1.99 0.00	60.07 2.04 0.00	58.69 1.91 0.00	62.42 2.05 0.00	62.36 2.17 0.00	66.45 2.21 0.00	64.34 2.17 0.00	50.18 1.53 0.00	49.98 1.30 0.00	44.69 1.15 0.00	41.17 1.01 0.00	43.21 1.08 0.00	49.34 1.18 0.00	65.82 1.58 0.00	71.10 2.08 0.01	66.64 2.18 0.00	58.62 2.07 0.00	55.17 1.94 0.00	56.66 1.78 0.00	52.52 1.64 0.00	54.83 1.69 0.00	54.57 1.67 0.00
GILBOA___4 23759	77.20 2.47 0.00	59.35 2.06 0.00	58.91 1.99 0.00	60.07 2.04 0.00	58.69 1.91 0.00	62.42 2.05 0.00	62.36 2.17 0.00	66.45 2.21 0.00	64.34 2.17 0.00	50.18 1.53 0.00	49.98 1.30 0.00	44.69 1.15 0.00	41.17 1.01 0.00	43.21 1.08 0.00	49.34 1.18 0.00	65.82 1.58 0.00	71.10 2.08 0.01	66.64 2.18 0.00	58.62 2.07 0.00	55.17 1.94 0.00	56.66 1.78 0.00	52.52 1.64 0.00	54.83 1.69 0.00	54.57 1.67 0.00
GILBOA___ 23599	77.20 2.47 0.00	59.35 2.06 0.00	58.91 1.99 0.00	60.07 2.04 0.00	58.70 1.91 0.00	62.42 2.05 0.00	62.36 2.17 0.00	66.44 2.20 0.00	64.34 2.17 0.00	50.18 1.53 0.00	49.98 1.30 0.00	44.69 1.15 0.00	41.17 1.01 0.00	43.21 1.08 0.00	49.34 1.18 0.00	65.82 1.58 0.00	71.10 2.09 0.01	66.64 2.18 0.00	58.62 2.07 0.00	55.17 1.94 0.00	56.66 1.78 0.00	52.53 1.64 0.00	54.84 1.69 0.00	54.56 1.67 0.00
GINNA___ 23603	70.61 -4.12 0.00	54.19 -3.10 0.00	53.99 -2.93 0.00	54.89 -3.15 0.00	53.76 -3.03 0.00	57.09 -3.29 0.00	56.50 -3.69 0.00	59.36 -4.88 0.00	57.42 -4.76 0.00	44.94 -3.72 0.00	44.89 -3.79 0.00	40.27 -3.28 0.00	37.19 -2.98 0.00	38.88 -3.25 0.00	44.56 -3.59 0.00	59.61 -4.63 0.00	64.00 -5.05 -0.03	59.79 -4.68 0.00	52.31 -4.24 0.00	49.13 -4.10 0.00	50.63 -4.25 0.00	46.83 -4.05 0.00	49.04 -4.10 0.00	48.92 -3.97 0.00
GLEN PARK___ 23778	75.46 0.73 0.00	58.11 0.82 0.00	57.96 1.05 0.00	59.34 1.31 0.00	58.35 1.56 0.00	62.28 1.90 0.00	61.77 1.58 0.00	66.11 1.87 0.00	64.05 1.88 0.00	49.52 0.86 0.00	49.20 0.52 0.00	43.84 0.30 0.00	40.36 0.20 0.00	42.08 -0.05 0.00	48.24 0.08 0.00	65.38 1.14 0.00	71.48 2.45 0.00	67.34 2.88 0.00	58.99 2.44 0.00	55.48 2.24 0.00	56.99 2.10 0.00	52.58 1.70 0.00	54.93 1.78 0.00	54.55 1.66 0.00
GLENDALE_27_KV_LOAD 356172	80.11 5.38 0.00	61.78 4.49 0.00	61.20 4.28 0.00	62.39 4.36 0.00	60.95 4.17 0.00	64.70 4.33 0.00	64.82 4.63 0.00	69.23 4.99 0.00	67.28 5.11 0.00	52.75 4.09 0.00	52.44 3.76 0.00	51.98 3.44 -5.01	43.42 3.09 -0.18	49.26 3.20 -3.93	51.71 3.55 0.00	68.47 4.22 0.00	74.35 5.34 0.01	70.20 5.74 0.00	61.67 5.12 0.00	57.98 4.75 0.00	59.33 4.45 0.00	55.07 4.19 0.00	57.33 4.19 0.00	57.02 4.13 0.00
GLENWOOD_IC_1_G5 23712	80.16 5.43 0.00	61.63 4.34 0.00	61.43 4.51 0.00	62.75 4.72 0.00	61.21 4.43 0.00	64.67 4.29 0.00	64.85 4.66 0.00	69.24 5.00 0.00	67.16 4.99 0.00	52.36 3.70 0.00	52.11 3.42 0.00	51.58 3.05 -4.99	42.99 2.65 -0.18	48.93 2.88 -3.92	51.55 3.39 0.00	68.52 4.28 0.00	77.64 5.40 -3.21	71.23 5.79 -0.97	61.63 5.08 -0.01	104.18 4.72 -46.23	59.34 4.45 0.00	77.70 4.15 -22.67	57.18 4.04 0.00	56.91 4.02 0.00
GLENWOOD_IC_2_G1 23688	79.99 5.26 0.00	61.65 4.35 0.00	61.12 4.20 0.00	62.41 4.37 0.00	60.91 4.13 0.00	64.72 4.35 0.00	64.86 4.68 0.00	69.23 4.99 0.00	67.17 5.00 0.00	52.41 3.76 0.00	52.15 3.47 0.00	51.64 3.11 -4.99	43.05 2.72 -0.18	48.98 2.93 -3.92	51.54 3.39 0.00	68.48 4.24 0.00	77.59 5.36 -3.21	71.16 5.73 -0.97	61.59 5.04 -0.01	104.13 4.66 -46.23	59.30 4.41 0.00	77.65 4.11 -22.67	57.18 4.03 0.00	56.88 3.99 0.00
GLENWOOD_IC_3_G1 23689	79.99 5.26 0.00	61.65 4.35 0.00	61.12 4.20 0.00	62.41 4.37 0.00	60.91 4.13 0.00	64.72 4.35 0.00	64.86 4.68 0.00	69.23 4.99 0.00	67.17 5.00 0.00	52.41 3.76 0.00	52.15 3.47 0.00	51.64 3.11 -4.99	43.05 2.72 -0.18	48.98 2.93 -3.92	51.54 3.39 0.00	68.48 4.24 0.00	77.59 5.36 -3.21	71.16 5.73 -0.97	61.59 5.04 -0.01	104.13 4.66 -46.23	59.30 4.41 0.00	77.65 4.11 -22.67	57.18 4.03 0.00	56.88 3.99 0.00
GLENWOOD___4 23550	80.26 5.53 0.00	61.78 4.49 0.00	61.43 4.51 0.00	62.75 4.72 0.00	61.22 4.44 0.00	64.84 4.47 0.00	65.00 4.82 0.00	69.39 5.15 0.00	67.33 5.16 0.00	52.48 3.83 0.00	52.24 3.56 0.00	51.69 3.15 -4.99	43.09 2.75 -0.18	49.04 2.99 -3.92	51.66 3.51 0.00	68.67 4.43 0.00	77.80 5.57 -3.21	71.39 5.96 -0.97	61.76 5.21 -0.01	104.32 4.85 -46.23	59.48 4.59 0.00	77.82 4.27 -22.67	57.31 4.17 0.00	57.03 4.13 0.00
GLENWOOD___5 23614	80.26 5.53 0.00	61.78 4.49 0.00	61.43 4.51 0.00	62.75 4.72 0.00	61.22 4.44 0.00	64.84 4.47 0.00	65.00 4.82 0.00	69.39 5.15 0.00	67.33 5.16 0.00	52.48 3.83 0.00	52.24 3.56 0.00	51.69 3.15 -4.99	43.09 2.75 -0.18	49.04 2.99 -3.92	51.66 3.51 0.00	68.67 4.43 0.00	77.80 5.57 -3.21	71.39 5.96 -0.97	61.76 5.21 -0.01	104.32 4.85 -46.23	59.48 4.59 0.00	77.82 4.27 -22.67	57.31 4.17 0.00	57.03 4.13 0.00
GLOBAL GREEN_PORT_GT1 23814	83.79 9.06 0.00	64.31 7.02 0.00	63.72 6.80 0.00	65.58 7.55 0.00	63.95 7.17 0.00	68.16 7.78 0.00	68.72 8.53 0.00	73.19 8.95 0.00	70.58 8.41 0.00	54.23 5.57 0.00	54.15 5.46 0.00	53.40 4.87 -4.99	44.48 4.15 -0.18	51.06 5.01 -3.92	54.52 6.37 0.00	73.20 8.96 0.00	83.17 10.94 -3.21	76.79 11.36 -0.97	66.45 9.89 -0.01	108.69 9.23 -46.23	63.69 8.80 0.00	81.61 8.07 -22.67	61.16 8.02 0.00	60.64 7.75 0.00
GLOBE___DSASP 323697	70.95 -3.78 0.00	54.45 -2.85 0.00	54.44 -2.48 0.00	55.14 -2.89 0.00	54.01 -2.78 0.00	57.10 -3.28 0.00	55.68 -4.51 0.00	57.13 -7.11 0.00	55.27 -6.89 0.00	43.67 -4.98 0.00	43.81 -4.87 0.00	39.46 -4.08 0.00	36.77 -3.39 0.00	38.48 -3.64 0.00	43.85 -4.30 0.00	57.94 -6.30 0.00	60.99 -7.59 0.44	57.27 -7.20 0.00	50.17 -6.37 0.00	47.11 -6.13 0.00	48.69 -6.20 0.00	45.19 -5.69 0.00	47.69 -5.45 0.00	47.94 -4.95 0.00
GOETHSLN___LBMP 323567	79.15 4.43 0.00	61.11 3.82 0.00	60.53 3.61 0.00	61.70 3.67 0.00	60.30 3.52 0.00	64.01 3.64 0.00	64.15 3.97 0.00	68.44 4.21 0.00	66.53 4.36 0.00	52.14 3.48 0.00	51.84 3.16 0.00	51.45 2.90 -5.01	42.94 2.60 -0.18	48.76 2.69 -3.94	51.15 3.00 0.00	67.67 3.43 0.00	73.53 4.51 0.01	69.42 4.95 0.00	60.94 4.39 0.00	57.29 4.06 0.00	58.62 3.74 0.00	54.43 3.55 0.00	56.72 3.57 0.00	56.40 3.51 0.00
GOLAH___69_KV_TB 1_2 80279	74.12 -0.61 0.00	56.86 -0.43 0.00	56.71 -0.21 0.00	57.56 -0.48 0.00	56.37 -0.41 0.00	59.79 -0.58 0.00	58.96 -1.23 0.00	61.59 -2.65 0.00	59.58 -2.59 0.00	46.63 -2.02 0.00	46.87 -1.81 0.00	41.72 -1.83 0.00	38.65 -1.52 0.00	40.42 -1.71 0.00	46.22 -1.94 0.00	61.97 -2.27 0.00	66.31 -2.72 0.00	62.01 -2.45 0.00	54.29 -2.26 0.00	50.96 -2.28 0.00	52.53 -2.35 0.00	48.60 -2.28 0.00	50.97 -2.17 0.00	50.94 -1.95 0.00

GOODYEAR_LAKE_HYD 323669	78.22 3.49 0.00	59.98 2.69 0.00	59.58 2.66 0.00	60.79 2.76 0.00	59.51 2.73 0.00	63.35 2.98 0.00	63.29 3.10 0.00	67.53 3.29 0.00	65.39 3.23 0.00	50.92 2.26 0.00	50.71 2.02 0.00	45.34 1.80 0.00	41.73 1.57 0.00	43.76 1.63 0.00	50.13 1.98 0.00	67.10 2.86 0.00	72.45 3.46 0.02	67.92 3.46 0.00	59.64 3.10 0.00	56.03 2.79 0.00	57.61 2.72 0.00	53.22 2.35 0.00	55.30 2.15 0.00	54.92 2.02 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	75.58 0.85 0.00	57.91 0.62 0.00	57.67 0.75 0.00	58.78 0.75 0.00	57.46 0.68 0.00	61.03 0.66 0.00	60.91 0.73 0.00	64.58 0.34 0.00	62.54 0.37 0.00	48.59 -0.07 0.00	48.27 -0.41 0.00	43.25 -0.29 0.00	39.84 -0.32 0.00	41.81 -0.32 0.00	47.85 -0.30 0.00	64.01 -0.23 0.00	69.07 0.12 0.07	64.58 0.12 0.00	56.84 0.30 0.00	53.37 0.14 0.00	54.92 0.04 0.00	50.67 -0.21 0.00	52.87 -0.28 0.00	52.63 -0.26 0.00
GOUDEY___7 23579	75.58 0.85 0.00	57.91 0.62 0.00	57.67 0.75 0.00	58.78 0.75 0.00	57.46 0.68 0.00	61.03 0.66 0.00	60.91 0.73 0.00	64.58 0.34 0.00	62.54 0.37 0.00	48.59 -0.07 0.00	48.27 -0.41 0.00	43.25 -0.29 0.00	39.84 -0.32 0.00	41.81 -0.32 0.00	47.85 -0.30 0.00	64.01 -0.23 0.00	69.07 0.12 0.07	64.58 0.12 0.00	56.84 0.30 0.00	53.37 0.14 0.00	54.92 0.04 0.00	50.67 -0.21 0.00	52.87 -0.28 0.00	52.63 -0.26 0.00
GOUDEY___8 23580	75.58 0.85 0.00	57.91 0.62 0.00	57.67 0.75 0.00	58.78 0.75 0.00	57.46 0.68 0.00	61.03 0.66 0.00	60.91 0.73 0.00	64.58 0.34 0.00	62.54 0.37 0.00	48.59 -0.07 0.00	48.27 -0.41 0.00	43.25 -0.29 0.00	39.84 -0.32 0.00	41.81 -0.32 0.00	47.85 -0.30 0.00	64.01 -0.23 0.00	69.07 0.12 0.07	64.58 0.12 0.00	56.84 0.30 0.00	53.37 0.14 0.00	54.92 0.04 0.00	50.67 -0.21 0.00	52.87 -0.28 0.00	52.63 -0.26 0.00
GOWANUS_GT1_1 24077	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT1_2 24078	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT1_3 24079	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT1_4 24080	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT1_5 24084	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT1_6 24111	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT1_7 24112	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT1_8 24113	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT2_1 24114	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
GOWANUS_GT2_2 24115	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
GOWANUS_GT2_3 24116	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00

GOWANUS_GT2_4 24117	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
GOWANUS_GT2_5 24118	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
GOWANUS_GT2_6 24119	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
GOWANUS_GT2_7 24120	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
GOWANUS_GT2_8 24121	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
GOWANUS_GT3_1 24122	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT3_2 24123	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT3_3 24124	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT3_4 24125	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT3_5 24126	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT3_6 24127	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT3_7 24128	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT3_8 24129	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
GOWANUS_GT4_1 24130	79.80 5.07 0.00	61.61 4.32 0.00	61.10 4.17 0.00	62.25 4.22 0.00	60.86 4.07 0.00	64.51 4.13 0.00	64.62 4.43 0.00	68.96 4.72 0.00	67.07 4.89 0.00	52.72 4.07 0.00	52.39 3.70 0.00	51.92 3.37 -5.01	43.39 3.06 -0.18	49.22 3.16 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.67 5.43 4.22	57.20 4.86 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.92 4.00 2.96	56.02 4.00 1.14	56.90 4.01 0.00
GOWANUS_GT4_2 24131	79.80 5.07 0.00	61.61 4.32 0.00	61.10 4.17 0.00	62.25 4.22 0.00	60.86 4.07 0.00	64.51 4.13 0.00	64.62 4.43 0.00	68.96 4.72 0.00	67.07 4.89 0.00	52.72 4.07 0.00	52.39 3.70 0.00	51.92 3.37 -5.01	43.39 3.06 -0.18	49.22 3.16 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.67 5.43 4.22	57.20 4.86 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.92 4.00 2.96	56.02 4.00 1.14	56.90 4.01 0.00

GOWANUS_GT4_3 24132	79.80 5.07 0.00	61.61 4.32 0.00	61.10 4.17 0.00	62.25 4.22 0.00	60.86 4.07 0.00	64.51 4.13 0.00	64.62 4.43 0.00	68.96 4.72 0.00	67.07 4.89 0.00	52.72 4.07 0.00	52.39 3.70 0.00	51.92 3.37 -5.01	43.39 3.06 -0.18	49.22 3.16 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.67 5.43 4.22	57.20 4.86 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.92 4.00 2.96	56.02 4.00 1.14	56.90 4.01 0.00
GOWANUS_GT4_4 24133	79.80 5.07 0.00	61.61 4.32 0.00	61.10 4.17 0.00	62.25 4.22 0.00	60.86 4.07 0.00	64.51 4.13 0.00	64.62 4.43 0.00	68.96 4.72 0.00	67.07 4.89 0.00	52.72 4.07 0.00	52.39 3.70 0.00	51.92 3.37 -5.01	43.39 3.06 -0.18	49.22 3.16 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.67 5.43 4.22	57.20 4.86 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.92 4.00 2.96	56.02 4.00 1.14	56.90 4.01 0.00
GOWANUS_GT4_5 24134	79.80 5.07 0.00	61.61 4.32 0.00	61.10 4.17 0.00	62.25 4.22 0.00	60.86 4.07 0.00	64.51 4.13 0.00	64.62 4.43 0.00	68.96 4.72 0.00	67.07 4.89 0.00	52.72 4.07 0.00	52.39 3.70 0.00	51.92 3.37 -5.01	43.39 3.06 -0.18	49.22 3.16 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.67 5.43 4.22	57.20 4.86 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.92 4.00 2.96	56.02 4.00 1.14	56.90 4.01 0.00
GOWANUS_GT4_6 24135	79.80 5.07 0.00	61.61 4.32 0.00	61.10 4.17 0.00	62.25 4.22 0.00	60.86 4.07 0.00	64.51 4.13 0.00	64.62 4.43 0.00	68.96 4.72 0.00	67.07 4.89 0.00	52.72 4.07 0.00	52.39 3.70 0.00	51.92 3.37 -5.01	43.39 3.06 -0.18	49.22 3.16 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.67 5.43 4.22	57.20 4.86 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.92 4.00 2.96	56.02 4.00 1.14	56.90 4.01 0.00
GOWANUS_GT4_7 24136	79.80 5.07 0.00	61.61 4.32 0.00	61.10 4.17 0.00	62.25 4.22 0.00	60.86 4.07 0.00	64.51 4.13 0.00	64.62 4.43 0.00	68.96 4.72 0.00	67.07 4.89 0.00	52.72 4.07 0.00	52.39 3.70 0.00	51.92 3.37 -5.01	43.39 3.06 -0.18	49.22 3.16 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.67 5.43 4.22	57.20 4.86 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.92 4.00 2.96	56.02 4.00 1.14	56.90 4.01 0.00
GOWANUS_GT4_8 24137	79.80 5.07 0.00	61.61 4.32 0.00	61.10 4.17 0.00	62.25 4.22 0.00	60.86 4.07 0.00	64.51 4.13 0.00	64.62 4.43 0.00	68.96 4.72 0.00	67.07 4.89 0.00	52.72 4.07 0.00	52.39 3.70 0.00	51.92 3.37 -5.01	43.39 3.06 -0.18	49.22 3.16 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.67 5.43 4.22	57.20 4.86 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.92 4.00 2.96	56.02 4.00 1.14	56.90 4.01 0.00
GREENBSH_115KV_TB3 55895	77.49 2.76 0.00	59.62 2.33 0.00	59.23 2.31 0.00	60.38 2.34 0.00	58.91 2.13 0.00	62.67 2.30 0.00	62.60 2.41 0.00	66.63 2.39 0.00	64.51 2.34 0.00	50.33 1.67 0.00	50.08 1.40 0.00	44.74 1.20 0.00	41.26 1.11 0.00	43.27 1.14 0.00	49.19 1.04 0.00	65.64 1.40 0.00	71.01 1.99 0.00	66.54 2.08 0.00	58.43 1.89 0.00	55.08 1.84 0.00	56.54 1.66 0.00	52.50 1.62 0.00	55.10 1.96 0.00	54.88 1.98 0.00
GREENIDGE_115KV_TB5 80291	75.18 0.45 0.00	57.67 0.37 0.00	57.53 0.61 0.00	58.50 0.47 0.00	57.24 0.45 0.00	60.78 0.41 0.00	60.48 0.29 0.00	63.68 -0.56 0.00	61.51 -0.66 0.00	47.51 -1.15 0.00	46.89 -1.79 0.00	41.93 -1.62 0.00	38.73 -1.43 0.00	40.61 -1.52 0.00	46.57 -1.59 0.00	62.88 -1.36 0.00	68.02 -0.90 0.10	63.48 -0.99 0.00	55.75 -0.80 0.00	52.27 -0.96 0.00	53.81 -1.08 0.00	49.52 -1.36 0.00	51.65 -1.49 0.00	51.43 -1.46 0.00
GREENIDGE___3 23582	75.18 0.45 0.00	57.67 0.37 0.00	57.53 0.61 0.00	58.50 0.47 0.00	57.24 0.45 0.00	60.78 0.41 0.00	60.48 0.29 0.00	63.68 -0.56 0.00	61.51 -0.66 0.00	47.51 -1.15 0.00	46.89 -1.79 0.00	41.93 -1.62 0.00	38.73 -1.43 0.00	40.61 -1.52 0.00	46.57 -1.59 0.00	62.88 -1.36 0.00	68.02 -0.90 0.10	63.48 -0.99 0.00	55.75 -0.80 0.00	52.27 -0.96 0.00	53.81 -1.08 0.00	49.52 -1.36 0.00	51.65 -1.49 0.00	51.43 -1.46 0.00
GREENIDGE___4 23583	75.18 0.45 0.00	57.67 0.38 0.00	57.52 0.60 0.00	58.50 0.47 0.00	57.24 0.45 0.00	60.78 0.41 0.00	60.48 0.29 0.00	63.69 -0.55 0.00	61.52 -0.65 0.00	47.50 -1.15 0.00	46.89 -1.79 0.00	41.96 -1.59 0.00	38.72 -1.44 0.00	40.61 -1.51 0.00	46.57 -1.58 0.00	62.88 -1.37 0.00	68.02 -0.91 0.10	63.49 -0.98 0.00	55.75 -0.80 0.00	52.27 -0.97 0.00	53.81 -1.07 0.00	49.51 -1.37 0.00	51.66 -1.48 0.00	51.44 -1.46 0.00
GREENLWN_69_KV_BK 3 55738	80.96 6.23 0.00	62.38 5.09 0.00	61.78 4.86 0.00	63.26 5.22 0.00	61.67 4.89 0.00	65.65 5.27 0.00	65.87 5.69 0.00	70.32 6.08 0.00	68.20 6.04 0.00	52.92 4.26 0.00	52.53 3.84 0.00	51.87 3.34 -4.99	43.23 2.89 -0.18	49.30 3.24 -3.92	52.21 4.06 0.00	69.44 5.20 0.00	78.44 6.21 -3.21	72.09 6.66 -0.97	62.34 5.79 -0.01	104.89 5.43 -46.23	60.00 5.12 0.00	78.35 4.80 -22.67	57.95 4.80 0.00	57.67 4.78 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00
GRISSOM___SOLAR 323813	79.37 4.64 0.00	60.85 3.55 0.00	60.42 3.50 0.00	61.59 3.56 0.00	60.29 3.51 0.00	64.19 3.82 0.00	64.14 3.95 0.00	68.50 4.26 0.00	65.60 3.43 0.00	50.15 1.49 0.00	49.80 1.12 0.00	44.49 0.95 0.00	41.03 0.88 0.00	43.03 0.90 0.00	49.51 1.35 0.00	67.43 3.19 0.00	73.66 4.64 0.00	69.12 4.66 0.00	60.62 4.07 0.00	56.96 3.72 0.00	58.59 3.70 0.00	54.22 3.34 0.00	56.39 3.25 0.00	56.01 3.11 0.00
GROVEVILLE___HYD 323602	80.43 5.70 0.00	61.92 4.63 0.00	61.34 4.42 0.00	62.59 4.56 0.00	61.15 4.37 0.00	65.04 4.66 0.00	65.19 5.00 0.00	69.60 5.37 0.00	67.45 5.28 0.00	52.57 3.91 0.00	52.20 3.52 0.00	46.65 3.11 0.00	42.88 2.72 0.00	45.03 2.90 0.00	51.48 3.33 0.00	68.58 4.33 0.00	74.58 5.56 0.01	70.34 5.87 0.00	61.74 5.19 0.00	58.02 4.78 0.00	59.46 4.57 0.00	55.09 4.20 0.00	57.34 4.20 0.00	57.00 4.10 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	74.49 -0.24 0.00	57.07 -0.23 0.00	56.75 -0.17 0.00	57.80 -0.24 0.00	56.55 -0.23 0.00	60.15 -0.22 0.00	59.94 -0.25 0.00	63.71 -0.53 0.00	61.64 -0.53 0.00	47.91 -0.74 0.00	47.74 -0.95 0.00	42.73 -0.82 0.00	39.44 -0.72 0.00	41.35 -0.78 0.00	47.32 -0.83 0.00	63.31 -0.93 0.00	68.38 -0.64 0.00	64.01 -0.46 0.00	56.24 -0.31 0.00	52.88 -0.36 0.00	54.41 -0.47 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.27 -0.63 0.00

HAMLTNNY_34_KV_TB 80303	74.69 -0.04 0.00	57.18 -0.12 0.00	56.86 -0.06 0.00	57.91 -0.12 0.00	56.67 -0.11 0.00	60.25 -0.12 0.00	60.01 -0.18 0.00	63.76 -0.48 0.00	61.70 -0.47 0.00	47.95 -0.71 0.00	47.72 -0.96 0.00	42.70 -0.84 0.00	39.43 -0.73 0.00	41.35 -0.78 0.00	47.32 -0.83 0.00	63.29 -0.95 0.00	68.45 -0.58 0.00	64.08 -0.39 0.00	56.26 -0.28 0.00	52.92 -0.31 0.00	54.48 -0.41 0.00	50.32 -0.56 0.00	52.57 -0.58 0.00	52.31 -0.58 0.00
HAMPSHIRE___PAPER_HYD 323593	74.73 0.00 0.00	57.59 0.30 0.00	57.40 0.48 0.00	58.83 0.80 0.00	57.73 0.95 0.00	60.91 0.54 0.00	59.00 -1.18 0.00	63.02 -1.22 0.00	61.00 -1.17 0.00	47.52 -1.14 0.00	47.28 -1.40 0.00	42.48 -1.06 0.00	39.03 -1.14 0.00	40.74 -1.39 0.00	46.71 -1.44 0.00	63.43 -0.81 0.00	68.25 -0.77 0.00	64.08 -0.38 0.00	56.08 -0.46 0.00	52.82 -0.41 0.00	54.37 -0.51 0.00	50.26 -0.62 0.00	53.05 -0.10 0.00	53.86 0.97 0.00
HARDSCRABBLE_WT_PWR 323673	76.80 2.07 0.00	58.99 1.69 0.00	58.61 1.68 0.00	59.75 1.72 0.00	58.51 1.73 0.00	62.31 1.94 0.00	62.53 2.34 0.00	66.63 2.39 0.00	64.20 2.03 0.00	49.49 0.84 0.00	48.85 0.16 0.00	43.55 0.00 0.00	40.15 -0.01 0.00	42.23 0.10 0.00	48.36 0.20 0.00	65.09 0.85 0.00	71.11 2.09 0.00	66.81 2.35 0.00	58.74 2.20 0.00	55.38 2.15 0.00	56.74 1.85 0.00	52.38 1.50 0.00	54.47 1.33 0.00	53.85 0.96 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	79.05 4.32 0.00	60.90 3.61 0.00	60.30 3.38 0.00	61.54 3.51 0.00	60.11 3.33 0.00	63.94 3.57 0.00	64.10 3.91 0.00	68.41 4.17 0.00	66.36 4.19 0.00	51.75 3.10 0.00	51.43 2.74 0.00	41.44 2.46 4.56	42.12 2.12 0.16	40.78 2.24 3.58	50.71 2.56 0.00	67.45 3.21 0.00	73.29 4.28 0.01	69.16 4.69 0.00	60.70 4.15 0.00	57.06 3.82 0.00	58.48 3.59 0.00	54.22 3.34 0.00	56.42 3.28 0.00	56.11 3.22 0.00
HARSNRAD_115KV_TB1 81005	71.75 -2.98 0.00	55.17 -2.13 0.00	55.17 -1.75 0.00	55.86 -2.17 0.00	54.70 -2.08 0.00	57.87 -2.51 0.00	56.50 -3.69 0.00	57.93 -6.30 0.00	56.00 -6.17 0.00	44.13 -4.52 0.00	44.12 -4.56 0.00	39.74 -3.80 0.00	37.03 -3.13 0.00	38.80 -3.33 0.00	44.19 -3.97 0.00	58.48 -5.76 0.00	61.91 -6.77 0.34	58.05 -6.42 0.00	50.85 -5.69 0.00	47.71 -5.52 0.00	49.29 -5.59 0.00	45.68 -5.20 0.00	48.16 -4.99 0.00	48.34 -4.56 0.00
HARZA MOOSE___RIVER 24016	76.20 1.47 0.00	58.68 1.39 0.00	58.46 1.54 0.00	59.76 1.73 0.00	58.63 1.85 0.00	62.39 2.02 0.00	61.92 1.73 0.00	66.12 1.88 0.00	64.07 1.90 0.00	49.83 1.17 0.00	49.57 0.88 0.00	44.29 0.75 0.00	40.74 0.58 0.00	42.64 0.51 0.00	48.85 0.70 0.00	65.78 1.54 0.00	71.23 2.21 0.00	66.77 2.30 0.00	58.53 1.98 0.00	55.08 1.84 0.00	56.63 1.75 0.00	52.34 1.46 0.00	54.64 1.49 0.00	54.34 1.45 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	73.97 -0.76 0.00	56.72 -0.57 0.00	56.40 -0.52 0.00	57.45 -0.58 0.00	56.20 -0.58 0.00	59.75 -0.62 0.00	59.54 -0.65 0.00	63.24 -1.00 0.00	61.19 -0.98 0.00	47.64 -1.02 0.00	47.48 -1.21 0.00	42.49 -1.06 0.00	39.20 -0.96 0.00	41.11 -1.02 0.00	47.04 -1.12 0.00	62.90 -1.35 0.00	67.85 -1.18 0.00	63.51 -0.95 0.00	55.77 -0.78 0.00	52.39 -0.84 0.00	53.90 -0.98 0.00	49.87 -1.01 0.00	52.06 -1.09 0.00	51.83 -1.06 0.00
HELLGATE_13_KV_LD 55870	79.76 5.03 0.00	61.53 4.24 0.00	60.95 4.03 0.00	62.15 4.11 0.00	60.72 3.94 0.00	64.43 4.06 0.00	64.55 4.36 0.00	68.94 4.69 0.00	67.02 4.85 0.00	52.51 3.86 0.00	52.19 3.51 0.00	51.76 3.22 -5.01	43.23 2.89 -0.18	49.04 2.98 -3.93	51.45 3.29 0.00	68.14 3.89 0.00	73.99 4.98 0.01	69.85 5.38 0.00	61.36 4.81 0.00	57.71 4.48 0.00	59.06 4.18 0.00	54.83 3.96 0.00	57.09 3.94 0.00	56.77 3.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	79.76 5.03 0.00	61.53 4.24 0.00	60.95 4.03 0.00	62.15 4.11 0.00	60.72 3.94 0.00	64.43 4.06 0.00	64.55 4.36 0.00	68.94 4.69 0.00	67.02 4.85 0.00	52.51 3.86 0.00	52.19 3.51 0.00	51.76 3.22 -5.01	43.23 2.89 -0.18	49.04 2.98 -3.93	51.45 3.29 0.00	68.14 3.89 0.00	73.99 4.98 0.01	69.85 5.38 0.00	61.36 4.81 0.00	57.71 4.48 0.00	59.06 4.18 0.00	54.83 3.96 0.00	57.09 3.94 0.00	56.77 3.88 0.00
HEMPSTEAD____ 23647	80.29 5.56 0.00	61.90 4.61 0.00	61.40 4.48 0.00	62.78 4.74 0.00	61.22 4.44 0.00	65.05 4.67 0.00	65.25 5.06 0.00	69.64 5.40 0.00	67.54 5.37 0.00	52.56 3.90 0.00	52.26 3.58 0.00	51.66 3.12 -4.99	43.05 2.71 -0.18	49.05 3.00 -3.92	51.78 3.62 0.00	68.91 4.67 0.00	78.02 5.79 -3.21	71.61 6.18 -0.97	61.94 5.39 -0.01	104.52 5.06 -46.23	59.70 4.82 0.00	78.03 4.49 -22.67	57.54 4.39 0.00	57.21 4.32 0.00
HEWLETT_69_KV_BK3 55828	81.23 6.50 0.00	62.62 5.32 0.00	62.00 5.08 0.00	63.38 5.34 0.00	61.84 5.06 0.00	65.78 5.41 0.00	65.93 5.74 0.00	70.31 6.07 0.00	68.16 5.99 0.00	53.05 4.40 0.00	52.82 4.13 0.00	52.16 3.62 -4.99	43.48 3.14 -0.18	49.52 3.47 -3.92	52.29 4.13 0.00	69.56 5.32 0.00	78.78 6.55 -3.21	72.31 6.87 -0.97	62.54 5.99 -0.01	105.08 5.61 -46.23	60.29 5.41 0.00	78.57 5.02 -22.67	58.11 4.96 0.00	57.76 4.86 0.00
HICKLING___1 23621	75.51 0.78 0.00	57.77 0.48 0.00	57.72 0.80 0.00	58.73 0.70 0.00	57.41 0.63 0.00	60.90 0.52 0.00	60.69 0.51 0.00	63.78 -0.46 0.00	61.65 -0.52 0.00	47.61 -1.05 0.00	47.04 -1.64 0.00	42.24 -1.30 0.00	38.92 -1.24 0.00	40.89 -1.24 0.00	46.90 -1.26 0.00	63.03 -1.22 0.00	67.89 -1.00 0.13	63.20 -1.27 0.00	55.65 -0.90 0.00	52.10 -1.13 0.00	53.66 -1.23 0.00	49.30 -1.58 0.00	51.43 -1.71 0.00	51.25 -1.64 0.00
HICKLING___2 23622	75.51 0.78 0.00	57.77 0.48 0.00	57.72 0.80 0.00	58.73 0.70 0.00	57.41 0.63 0.00	60.90 0.52 0.00	60.69 0.51 0.00	63.78 -0.46 0.00	61.65 -0.52 0.00	47.61 -1.05 0.00	47.04 -1.64 0.00	42.24 -1.30 0.00	38.92 -1.24 0.00	40.89 -1.24 0.00	46.90 -1.26 0.00	63.03 -1.22 0.00	67.89 -1.00 0.13	63.20 -1.27 0.00	55.65 -0.90 0.00	52.10 -1.13 0.00	53.66 -1.23 0.00	49.30 -1.58 0.00	51.43 -1.71 0.00	51.25 -1.64 0.00
HIGH FALLS___HY 23754	81.72 6.99 0.00	62.88 5.58 0.00	62.22 5.30 0.00	63.51 5.48 0.00	62.10 5.32 0.00	66.07 5.69 0.00	66.30 6.11 0.00	70.82 6.58 0.00	68.45 6.28 0.00	53.17 4.52 0.00	52.63 3.95 0.00	46.93 3.39 0.00	43.03 2.87 0.00	45.21 3.08 0.00	51.85 3.69 0.00	69.28 5.04 0.00	75.69 6.67 0.01	71.52 7.06 0.00	62.80 6.25 0.00	58.99 5.75 0.00	60.45 5.57 0.00	55.96 5.08 0.00	58.10 4.96 0.00	57.73 4.84 0.00
HIGH_RIVER___SOLAR 323847	78.17 3.45 0.00	60.00 2.71 0.00	59.56 2.64 0.00	60.72 2.69 0.00	59.40 2.61 0.00	63.21 2.83 0.00	63.12 2.93 0.00	67.32 3.08 0.00	64.81 2.64 0.00	50.01 1.36 0.00	49.56 0.88 0.00	44.14 0.60 0.00	40.70 0.54 0.00	42.83 0.70 0.00	49.29 1.14 0.00	66.52 2.28 0.00	72.30 3.27 0.00	67.75 3.29 0.00	59.44 2.89 0.00	55.90 2.66 0.00	57.49 2.61 0.00	53.25 2.37 0.00	55.49 2.34 0.00	55.17 2.28 0.00

HILLBURN___GT 23639	78.85 4.12 0.00	60.80 3.50 0.00	60.18 3.26 0.00	61.43 3.39 0.00	59.99 3.21 0.00	63.82 3.44 0.00	63.99 3.81 0.00	68.29 4.05 0.00	66.31 4.14 0.00	51.74 3.09 0.00	51.43 2.75 0.00	40.59 2.48 5.43	42.10 2.13 0.19	40.10 2.24 4.26	50.67 2.52 0.00	67.29 3.05 0.00	73.14 4.13 0.01	69.05 4.58 0.00	60.63 4.08 0.00	56.98 3.75 0.00	58.38 3.49 0.00	54.17 3.29 0.00	56.34 3.20 0.00	56.07 3.18 0.00
HILLSIDE_115KV_TB1 80332	74.46 -0.27 0.00	56.95 -0.35 0.00	56.92 0.00 0.00	57.95 -0.09 0.00	56.63 -0.16 0.00	60.06 -0.32 0.00	60.02 -0.17 0.00	63.23 -1.01 0.00	61.23 -0.94 0.00	47.38 -1.28 0.00	46.85 -1.83 0.00	42.10 -1.44 0.00	38.74 -1.42 0.00	40.71 -1.42 0.00	46.64 -1.51 0.00	62.53 -1.72 0.00	67.40 -1.51 0.12	62.77 -1.70 0.00	55.38 -1.16 0.00	51.91 -1.32 0.00	53.44 -1.45 0.00	49.14 -1.74 0.00	51.29 -1.86 0.00	51.11 -1.79 0.00
HISHELDN_WT_PWR 323625	73.67 -1.06 0.00	56.52 -0.77 0.00	56.43 -0.49 0.00	57.16 -0.87 0.00	55.93 -0.85 0.00	59.20 -1.17 0.00	58.03 -2.16 0.00	59.90 -4.34 0.00	57.76 -4.41 0.00	45.03 -3.63 0.00	44.89 -3.80 0.00	40.43 -3.12 0.00	37.60 -2.56 0.00	39.37 -2.76 0.00	45.07 -3.08 0.00	60.17 -4.07 0.00	63.77 -4.92 0.34	59.42 -5.04 0.00	51.92 -4.63 0.00	48.63 -4.60 0.00	50.28 -4.60 0.00	46.33 -4.55 0.00	48.63 -4.51 0.00	48.65 -4.25 0.00
HOLTSVILLE_IC_1 23690	81.58 6.85 0.00	62.84 5.55 0.00	62.23 5.31 0.00	63.82 5.78 0.00	62.22 5.43 0.00	66.32 5.94 0.00	66.60 6.42 0.00	71.12 6.88 0.00	68.90 6.73 0.00	53.23 4.57 0.00	52.86 4.18 0.00	52.12 3.58 -4.99	43.38 3.05 -0.18	49.63 3.58 -3.92	52.68 4.52 0.00	70.35 6.11 0.00	79.66 7.43 -3.21	73.32 7.89 -0.97	63.44 6.89 -0.01	105.97 6.50 -46.23	61.06 6.17 0.00	79.31 5.76 -22.67	58.83 5.69 0.00	58.44 5.55 0.00
HOLTSVILLE_IC_10 23699	82.04 7.31 0.00	63.16 5.87 0.00	62.55 5.63 0.00	64.14 6.11 0.00	62.57 5.78 0.00	66.68 6.31 0.00	67.00 6.82 0.00	71.56 7.32 0.00	69.31 7.14 0.00	53.50 4.85 0.00	53.13 4.45 0.00	52.35 3.82 -4.99	43.57 3.24 -0.18	49.87 3.82 -3.92	52.98 4.83 0.00	70.81 6.57 0.00	80.25 8.02 -3.21	73.92 8.49 -0.97	63.96 7.41 -0.01	106.44 6.98 -46.23	61.54 6.65 0.00	79.71 6.17 -22.67	59.25 6.10 0.00	58.84 5.95 0.00
HOLTSVILLE_IC_2 23691	81.58 6.85 0.00	62.84 5.55 0.00	62.23 5.31 0.00	63.82 5.78 0.00	62.22 5.43 0.00	66.32 5.94 0.00	66.60 6.42 0.00	71.12 6.88 0.00	68.90 6.73 0.00	53.23 4.57 0.00	52.86 4.18 0.00	52.12 3.58 -4.99	43.38 3.05 -0.18	49.63 3.58 -3.92	52.68 4.52 0.00	70.35 6.11 0.00	79.66 7.43 -3.21	73.32 7.89 -0.97	63.44 6.89 -0.01	105.97 6.50 -46.23	61.06 6.17 0.00	79.31 5.76 -22.67	58.83 5.69 0.00	58.44 5.55 0.00
HOLTSVILLE_IC_3 23692	81.58 6.85 0.00	62.84 5.55 0.00	62.23 5.31 0.00	63.82 5.78 0.00	62.22 5.43 0.00	66.32 5.94 0.00	66.60 6.42 0.00	71.12 6.88 0.00	68.90 6.73 0.00	53.23 4.57 0.00	52.86 4.18 0.00	52.12 3.58 -4.99	43.38 3.05 -0.18	49.63 3.58 -3.92	52.68 4.52 0.00	70.35 6.11 0.00	79.66 7.43 -3.21	73.32 7.89 -0.97	63.44 6.89 -0.01	105.97 6.50 -46.23	61.06 6.17 0.00	79.31 5.76 -22.67	58.83 5.69 0.00	58.44 5.55 0.00
HOLTSVILLE_IC_4 23693	81.58 6.85 0.00	62.84 5.55 0.00	62.23 5.31 0.00	63.82 5.78 0.00	62.22 5.43 0.00	66.32 5.94 0.00	66.60 6.42 0.00	71.12 6.88 0.00	68.90 6.73 0.00	53.23 4.57 0.00	52.86 4.18 0.00	52.12 3.58 -4.99	43.38 3.05 -0.18	49.63 3.58 -3.92	52.68 4.52 0.00	70.35 6.11 0.00	79.66 7.43 -3.21	73.32 7.89 -0.97	63.44 6.89 -0.01	105.97 6.50 -46.23	61.06 6.17 0.00	79.31 5.76 -22.67	58.83 5.69 0.00	58.44 5.55 0.00
HOLTSVILLE_IC_5 23694	81.58 6.85 0.00	62.84 5.55 0.00	62.23 5.31 0.00	63.82 5.78 0.00	62.22 5.43 0.00	66.32 5.94 0.00	66.60 6.42 0.00	71.12 6.88 0.00	68.90 6.73 0.00	53.23 4.57 0.00	52.86 4.18 0.00	52.12 3.58 -4.99	43.38 3.05 -0.18	49.63 3.58 -3.92	52.68 4.52 0.00	70.35 6.11 0.00	79.66 7.43 -3.21	73.32 7.89 -0.97	63.44 6.89 -0.01	105.97 6.50 -46.23	61.06 6.17 0.00	79.31 5.76 -22.67	58.83 5.69 0.00	58.44 5.55 0.00
HOLTSVILLE_IC_6 23695	82.04 7.31 0.00	63.16 5.87 0.00	62.55 5.63 0.00	64.14 6.11 0.00	62.57 5.78 0.00	66.68 6.31 0.00	67.00 6.82 0.00	71.56 7.32 0.00	69.31 7.14 0.00	53.50 4.85 0.00	53.13 4.45 0.00	52.35 3.82 -4.99	43.57 3.24 -0.18	49.87 3.82 -3.92	52.98 4.83 0.00	70.81 6.57 0.00	80.25 8.02 -3.21	73.92 8.49 -0.97	63.96 7.41 -0.01	106.44 6.98 -46.23	61.54 6.65 0.00	79.71 6.17 -22.67	59.25 6.10 0.00	58.84 5.95 0.00
HOLTSVILLE_IC_7 23696	82.04 7.31 0.00	63.16 5.87 0.00	62.55 5.63 0.00	64.14 6.11 0.00	62.57 5.78 0.00	66.68 6.31 0.00	67.00 6.82 0.00	71.56 7.32 0.00	69.31 7.14 0.00	53.50 4.85 0.00	53.13 4.45 0.00	52.35 3.82 -4.99	43.57 3.24 -0.18	49.87 3.82 -3.92	52.98 4.83 0.00	70.81 6.57 0.00	80.25 8.02 -3.21	73.92 8.49 -0.97	63.96 7.41 -0.01	106.44 6.98 -46.23	61.54 6.65 0.00	79.71 6.17 -22.67	59.25 6.10 0.00	58.84 5.95 0.00
HOLTSVILLE_IC_8 23697	82.04 7.31 0.00	63.16 5.87 0.00	62.55 5.63 0.00	64.14 6.11 0.00	62.57 5.78 0.00	66.68 6.31 0.00	67.00 6.82 0.00	71.56 7.32 0.00	69.31 7.14 0.00	53.50 4.85 0.00	53.13 4.45 0.00	52.35 3.82 -4.99	43.57 3.24 -0.18	49.87 3.82 -3.92	52.98 4.83 0.00	70.81 6.57 0.00	80.25 8.02 -3.21	73.92 8.49 -0.97	63.96 7.41 -0.01	106.44 6.98 -46.23	61.54 6.65 0.00	79.71 6.17 -22.67	59.25 6.10 0.00	58.84 5.95 0.00
HOLTSVILLE_IC_9 23698	82.04 7.31 0.00	63.16 5.87 0.00	62.55 5.63 0.00	64.14 6.11 0.00	62.57 5.78 0.00	66.68 6.31 0.00	67.00 6.82 0.00	71.56 7.32 0.00	69.31 7.14 0.00	53.50 4.85 0.00	53.13 4.45 0.00	52.35 3.82 -4.99	43.57 3.24 -0.18	49.87 3.82 -3.92	52.98 4.83 0.00	70.81 6.57 0.00	80.25 8.02 -3.21	73.92 8.49 -0.97	63.96 7.41 -0.01	106.44 6.98 -46.23	61.54 6.65 0.00	79.71 6.17 -22.67	59.25 6.10 0.00	58.84 5.95 0.00
HOMER_HL_115KV_TB2 355744	74.76 0.03 0.00	57.38 0.09 0.00	57.26 0.34 0.00	58.17 0.14 0.00	56.86 0.08 0.00	60.11 -0.26 0.00	58.77 -1.41 0.00	61.29 -2.95 0.00	59.29 -2.88 0.00	46.38 -2.28 0.00	46.44 -2.24 0.00	41.88 -1.66 0.00	38.98 -1.18 0.00	40.75 -1.38 0.00	46.59 -1.57 0.00	61.58 -2.67 0.00	64.96 -3.74 0.31	60.85 -3.61 0.00	53.13 -3.42 0.00	49.72 -3.52 0.00	51.30 -3.59 0.00	47.35 -3.54 0.00	49.77 -3.37 0.00	50.06 -2.84 0.00
HOWARD_WT_PWR 323690	76.35 1.62 0.00	58.40 1.11 0.00	58.29 1.37 0.00	59.17 1.14 0.00	57.89 1.11 0.00	61.28 0.91 0.00	60.63 0.44 0.00	63.13 -1.11 0.00	60.58 -1.59 0.00	46.53 -2.13 0.00	45.89 -2.80 0.00	40.94 -2.60 0.00	37.96 -2.19 0.00	39.94 -2.19 0.00	45.98 -2.18 0.00	62.25 -1.99 0.00	66.96 -1.88 0.18	61.77 -2.70 0.00	53.88 -2.67 0.00	50.20 -3.04 0.00	51.85 -3.03 0.00	47.46 -3.42 0.00	49.19 -3.96 0.00	48.77 -4.12 0.00

HQ_GEN_CEDARS 23644	74.99 0.26 0.00	57.73 0.44 0.00	57.50 0.58 0.00	58.98 0.95 0.00	57.79 1.01 0.00	60.56 0.18 0.00	57.58 -2.61 0.00	61.42 -2.82 0.00	59.43 -2.74 0.00	46.49 -2.17 0.00	46.23 -2.45 0.00	41.69 -1.85 0.00	38.29 -1.87 0.00	39.96 -2.16 0.00	45.82 -2.33 0.00	62.40 -1.84 0.00	66.65 -2.37 0.00	62.53 -1.94 0.00	54.69 -1.85 0.00	51.59 -1.64 0.00	53.21 -1.68 0.00	49.22 -1.66 0.00	52.41 -0.74 0.00	54.08 1.19 0.00
HQ_GEN_CEDARS_PROXY 323590	74.99 0.26 0.00	57.73 0.44 0.00	57.49 0.57 0.00	58.98 0.95 0.00	57.79 1.01 0.00	60.56 0.18 0.00	57.58 -2.61 0.00	61.42 -2.82 0.00	59.43 -2.74 0.00	46.49 -2.16 0.00	46.23 -2.46 0.00	41.69 -1.85 0.00	38.29 -1.87 0.00	39.96 -2.17 0.00	45.82 -2.33 0.00	62.40 -1.84 0.00	66.65 -2.37 0.00	62.53 -1.94 0.00	54.69 -1.85 0.00	51.59 -1.64 0.00	53.21 -1.68 0.00	49.22 -1.66 0.00	52.41 -0.74 0.00	54.08 1.19 0.00
HQ_GEN_IMPORT 323601	73.65 -1.08 0.00	56.28 -1.01 0.00	55.92 -1.01 0.00	57.05 -0.99 0.00	55.90 -0.88 0.00	59.40 -0.97 0.00	59.08 -1.10 0.00	63.40 -0.84 0.00	61.34 -0.83 0.00	48.35 -0.31 0.00	48.73 0.04 0.00	43.61 0.06 0.00	40.25 0.09 0.00	42.21 0.09 0.00	48.28 0.12 0.00	64.29 0.05 0.00	68.41 -0.62 0.00	66.06 -0.92 -2.52	55.62 -0.92 0.00	52.44 -0.79 0.00	54.33 -0.55 0.00	50.42 -0.46 0.00	52.73 -0.42 0.00	52.53 -0.37 0.00
HQ_GEN_WHEEL 23651	73.65 -1.08 0.00	56.28 -1.01 0.00	55.92 -1.01 0.00	57.05 -0.99 0.00	55.90 -0.88 0.00	59.40 -0.97 0.00	59.08 -1.10 0.00	63.40 -0.84 0.00	61.34 -0.83 0.00	48.35 -0.31 0.00	48.73 0.04 0.00	43.61 0.06 0.00	40.25 0.09 0.00	42.21 0.09 0.00	48.28 0.12 0.00	64.29 0.05 0.00	68.41 -0.62 0.00	66.06 -0.92 -2.52	55.62 -0.92 0.00	52.44 -0.79 0.00	54.33 -0.55 0.00	50.42 -0.46 0.00	52.73 -0.42 0.00	52.53 -0.37 0.00
HUDSON AVE_GT_3 23810	79.89 5.15 0.00	61.61 4.32 0.00	61.04 4.12 0.00	62.23 4.20 0.00	60.79 4.01 0.00	64.55 4.17 0.00	64.67 4.49 0.00	69.03 4.79 0.00	67.09 4.92 0.00	52.55 3.90 0.00	52.26 3.58 0.00	51.84 3.29 -5.01	43.27 2.94 -0.18	49.12 3.06 -3.94	51.57 3.42 0.00	68.30 4.06 0.00	74.18 5.17 0.01	70.02 5.56 0.00	61.50 4.95 0.00	57.80 4.57 0.00	59.14 4.26 0.00	54.87 3.99 0.00	57.14 3.99 0.00	56.85 3.96 0.00
HUDSON AVE_GT_4 23540	79.89 5.15 0.00	61.61 4.32 0.00	61.04 4.12 0.00	62.23 4.20 0.00	60.79 4.01 0.00	64.55 4.17 0.00	64.67 4.49 0.00	69.03 4.79 0.00	67.09 4.92 0.00	52.55 3.90 0.00	52.26 3.58 0.00	51.84 3.29 -5.01	43.27 2.94 -0.18	49.12 3.06 -3.94	51.57 3.42 0.00	68.30 4.06 0.00	74.18 5.17 0.01	70.02 5.56 0.00	61.50 4.95 0.00	57.80 4.57 0.00	59.14 4.26 0.00	54.87 3.99 0.00	57.14 3.99 0.00	56.85 3.96 0.00
HUDSON AVE_GT_5 23657	79.89 5.15 0.00	61.61 4.32 0.00	61.04 4.12 0.00	62.23 4.20 0.00	60.79 4.01 0.00	64.55 4.17 0.00	64.67 4.49 0.00	69.03 4.79 0.00	67.09 4.92 0.00	52.55 3.90 0.00	52.26 3.58 0.00	51.84 3.29 -5.01	43.27 2.94 -0.18	49.12 3.06 -3.94	51.57 3.42 0.00	68.30 4.06 0.00	74.18 5.17 0.01	70.02 5.56 0.00	61.50 4.95 0.00	57.80 4.57 0.00	59.14 4.26 0.00	54.87 3.99 0.00	57.14 3.99 0.00	56.85 3.96 0.00
HUDSON_AVE_10 24168	79.66 4.93 0.00	61.43 4.14 0.00	60.85 3.93 0.00	62.02 3.99 0.00	60.60 3.81 0.00	64.33 3.96 0.00	64.48 4.29 0.00	68.87 4.63 0.00	66.91 4.74 0.00	52.42 3.76 0.00	52.07 3.39 0.00	51.68 3.13 -5.01	43.11 2.78 -0.18	48.93 2.86 -3.94	51.36 3.20 0.00	68.00 3.76 0.00	73.88 4.86 0.01	69.73 5.26 0.00	61.26 4.71 0.00	57.62 4.38 0.00	58.94 4.06 0.00	54.70 3.82 0.00	56.98 3.83 0.00	56.68 3.78 0.00
HUDSON___115KV_TB 4 355613	79.35 4.62 0.00	61.01 3.72 0.00	60.62 3.69 0.00	61.77 3.74 0.00	60.33 3.55 0.00	64.24 3.86 0.00	64.25 4.06 0.00	68.40 4.16 0.00	66.14 3.97 0.00	51.25 2.59 0.00	50.77 2.08 0.00	45.24 1.70 0.00	41.68 1.52 0.00	43.71 1.58 0.00	49.87 1.72 0.00	67.05 2.81 0.00	72.96 3.94 0.00	68.49 4.03 0.00	60.13 3.58 0.00	56.61 3.37 0.00	58.07 3.18 0.00	53.85 2.97 0.00	56.42 3.27 0.00	56.13 3.24 0.00
HUNTER MOUNT___DRP 323613	80.08 5.34 0.00	61.52 4.23 0.00	61.13 4.21 0.00	62.29 4.26 0.00	60.83 4.05 0.00	64.82 4.44 0.00	64.81 4.62 0.00	69.04 4.80 0.00	66.74 4.57 0.00	51.64 2.99 0.00	51.10 2.42 0.00	45.51 1.97 0.00	41.93 1.77 0.00	43.98 1.85 0.00	50.23 2.07 0.00	67.65 3.41 0.00	73.67 4.65 0.00	69.16 4.70 0.00	60.71 4.17 0.00	57.14 3.90 0.00	58.62 3.74 0.00	54.34 3.46 0.00	56.92 3.77 0.00	56.60 3.71 0.00
HUNTINGTON_RES_REC 323705	81.45 6.72 0.00	62.73 5.44 0.00	62.11 5.19 0.00	63.66 5.62 0.00	62.06 5.27 0.00	66.11 5.73 0.00	66.38 6.20 0.00	70.87 6.63 0.00	68.71 6.54 0.00	53.17 4.52 0.00	52.77 4.08 0.00	52.03 3.49 -4.99	43.36 3.02 -0.18	49.52 3.46 -3.92	52.55 4.39 0.00	70.05 5.81 0.00	79.26 7.03 -3.21	72.93 7.50 -0.97	63.09 6.54 -0.01	105.61 6.14 -46.23	60.72 5.83 0.00	78.98 5.44 -22.67	58.54 5.39 0.00	58.22 5.32 0.00
HUNTLEY___63 23557	72.91 -1.82 0.00	55.97 -1.33 0.00	55.92 -1.00 0.00	56.63 -1.41 0.00	55.45 -1.33 0.00	58.67 -1.71 0.00	57.31 -2.88 0.00	58.89 -5.35 0.00	56.95 -5.21 0.00	44.88 -3.78 0.00	44.92 -3.76 0.00	40.45 -3.09 0.00	37.67 -2.49 0.00	39.44 -2.69 0.00	44.97 -3.18 0.00	59.58 -4.66 0.00	62.91 -5.73 0.39	59.03 -5.44 0.00	51.71 -4.84 0.00	48.47 -4.77 0.00	50.07 -4.81 0.00	46.40 -4.48 0.00	48.90 -4.25 0.00	49.08 -3.81 0.00
HUNTLEY___64 23558	72.91 -1.82 0.00	55.97 -1.33 0.00	55.92 -1.00 0.00	56.63 -1.41 0.00	55.45 -1.33 0.00	58.67 -1.71 0.00	57.31 -2.88 0.00	58.89 -5.35 0.00	56.95 -5.21 0.00	44.88 -3.78 0.00	44.92 -3.76 0.00	40.45 -3.09 0.00	37.67 -2.49 0.00	39.44 -2.69 0.00	44.97 -3.18 0.00	59.58 -4.66 0.00	62.91 -5.73 0.39	59.03 -5.44 0.00	51.71 -4.84 0.00	48.47 -4.77 0.00	50.07 -4.81 0.00	46.40 -4.48 0.00	48.90 -4.25 0.00	49.08 -3.81 0.00
HUNTLEY___65 23559	72.91 -1.82 0.00	55.97 -1.33 0.00	55.92 -1.00 0.00	56.63 -1.41 0.00	55.45 -1.33 0.00	58.67 -1.71 0.00	57.31 -2.88 0.00	58.89 -5.35 0.00	56.95 -5.21 0.00	44.88 -3.78 0.00	44.92 -3.76 0.00	40.45 -3.09 0.00	37.67 -2.49 0.00	39.44 -2.69 0.00	44.97 -3.18 0.00	59.58 -4.66 0.00	62.91 -5.73 0.39	59.03 -5.44 0.00	51.71 -4.84 0.00	48.47 -4.77 0.00	50.07 -4.81 0.00	46.40 -4.48 0.00	48.90 -4.25 0.00	49.08 -3.81 0.00
HUNTLEY___66 23560	72.91 -1.82 0.00	55.97 -1.33 0.00	55.92 -1.00 0.00	56.63 -1.41 0.00	55.45 -1.33 0.00	58.67 -1.71 0.00	57.31 -2.88 0.00	58.89 -5.35 0.00	56.95 -5.21 0.00	44.88 -3.78 0.00	44.92 -3.76 0.00	40.45 -3.09 0.00	37.67 -2.49 0.00	39.44 -2.69 0.00	44.97 -3.18 0.00	59.58 -4.66 0.00	62.91 -5.73 0.39	59.03 -5.44 0.00	51.71 -4.84 0.00	48.47 -4.77 0.00	50.07 -4.81 0.00	46.40 -4.48 0.00	48.90 -4.25 0.00	49.08 -3.81 0.00



HUNTLEY___67 23561	72.61 -2.12 0.00	55.73 -1.56 0.00	55.71 -1.22 0.00	56.42 -1.61 0.00	55.23 -1.55 0.00	58.43 -1.94 0.00	57.08 -3.11 0.00	58.72 -5.52 0.00	56.75 -5.42 0.00	44.69 -3.96 0.00	44.78 -3.91 0.00	40.33 -3.21 0.00	37.56 -2.60 0.00	39.32 -2.81 0.00	44.88 -3.28 0.00	59.44 -4.80 0.00	62.67 -5.93 0.42	58.78 -5.69 0.00	51.45 -5.10 0.00	48.25 -4.98 0.00	49.86 -5.02 0.00	46.17 -4.71 0.00	48.64 -4.50 0.00	48.83 -4.06 0.00
HUNTLEY___68 23562	72.61 -2.12 0.00	55.73 -1.56 0.00	55.71 -1.22 0.00	56.42 -1.61 0.00	55.23 -1.55 0.00	58.43 -1.94 0.00	57.08 -3.11 0.00	58.72 -5.52 0.00	56.75 -5.42 0.00	44.69 -3.96 0.00	44.78 -3.91 0.00	40.33 -3.21 0.00	37.56 -2.60 0.00	39.32 -2.81 0.00	44.88 -3.28 0.00	59.44 -4.80 0.00	62.67 -5.93 0.42	58.78 -5.69 0.00	51.45 -5.10 0.00	48.25 -4.98 0.00	49.86 -5.02 0.00	46.17 -4.71 0.00	48.64 -4.50 0.00	48.83 -4.06 0.00
HYLAND___LFGE 323620	77.74 3.01 0.00	58.61 1.32 0.00	58.28 1.36 0.00	59.16 1.13 0.00	57.98 1.20 0.00	61.49 1.12 0.00	60.90 0.72 0.00	63.68 -0.56 0.00	61.48 -0.69 0.00	47.10 -1.56 0.00	45.88 -2.80 0.00	40.67 -2.87 0.00	37.61 -2.55 0.00	39.35 -2.78 0.00	45.13 -3.02 0.00	61.10 -3.14 0.00	67.55 -1.36 0.11	63.50 -0.96 0.00	55.64 -0.91 0.00	52.14 -1.10 0.00	53.64 -1.24 0.00	49.35 -1.53 0.00	51.49 -1.66 0.00	52.31 -0.58 0.00
INDECK___CORINTH 23802	80.47 5.74 0.00	61.79 4.49 0.00	61.37 4.45 0.00	62.48 4.45 0.00	61.07 4.29 0.00	65.02 4.64 0.00	65.00 4.82 0.00	69.00 4.75 0.00	66.30 4.13 0.00	51.14 2.48 0.00	50.35 1.67 0.00	44.60 1.06 0.00	41.10 0.94 0.00	43.21 1.08 0.00	49.56 1.40 0.00	66.54 2.30 0.00	72.40 3.38 0.00	67.86 3.39 0.00	59.62 3.07 0.00	56.06 2.82 0.00	57.53 2.65 0.00	53.37 2.49 0.00	55.64 2.50 0.00	55.29 2.40 0.00
INDECK___ILION 23567	76.24 1.51 0.00	58.55 1.26 0.00	58.17 1.25 0.00	59.30 1.27 0.00	57.98 1.20 0.00	61.70 1.33 0.00	61.74 1.56 0.00	65.82 1.58 0.00	63.57 1.40 0.00	49.31 0.66 0.00	48.93 0.25 0.00	43.68 0.14 0.00	40.26 0.10 0.00	42.30 0.16 0.00	48.40 0.24 0.00	64.89 0.64 0.00	70.41 1.39 0.00	66.03 1.56 0.00	58.02 1.47 0.00	54.65 1.41 0.00	56.12 1.24 0.00	51.94 1.06 0.00	54.17 1.02 0.00	53.77 0.88 0.00
INDECK___OLEAN 23982	74.76 0.03 0.00	57.38 0.09 0.00	57.24 0.31 0.00	58.16 0.13 0.00	56.87 0.08 0.00	60.12 -0.25 0.00	58.78 -1.41 0.00	61.30 -2.94 0.00	59.32 -2.85 0.00	46.37 -2.29 0.00	46.44 -2.24 0.00	41.93 -1.61 0.00	38.98 -1.18 0.00	40.75 -1.37 0.00	46.58 -1.57 0.00	61.57 -2.67 0.00	64.95 -3.75 0.31	60.88 -3.59 0.00	53.13 -3.42 0.00	49.72 -3.52 0.00	51.30 -3.59 0.00	47.33 -3.55 0.00	49.81 -3.34 0.00	50.07 -2.82 0.00
INDECK___OSWEGO 23783	72.05 -2.68 0.00	55.26 -2.03 0.00	54.93 -1.98 0.00	56.04 -2.00 0.00	54.79 -1.99 0.00	58.28 -2.10 0.00	58.06 -2.13 0.00	61.78 -2.46 0.00	59.79 -2.38 0.00	46.64 -2.02 0.00	46.81 -1.88 0.00	41.97 -1.57 0.00	38.71 -1.45 0.00	40.58 -1.55 0.00	46.40 -1.75 0.00	62.07 -2.18 0.00	66.97 -2.05 0.00	62.70 -1.77 0.00	55.05 -1.50 0.00	51.77 -1.46 0.00	53.28 -1.61 0.00	49.30 -1.59 0.00	51.49 -1.66 0.00	51.19 -1.70 0.00
INDECK___YERKES 23781	72.98 -1.75 0.00	56.00 -1.29 0.00	55.92 -0.99 0.00	56.66 -1.38 0.00	55.50 -1.28 0.00	58.71 -1.66 0.00	57.36 -2.83 0.00	58.94 -5.30 0.00	57.03 -5.14 0.00	44.90 -3.75 0.00	44.97 -3.72 0.00	40.55 -2.99 0.00	37.69 -2.47 0.00	39.48 -2.65 0.00	45.01 -3.14 0.00	59.63 -4.62 0.00	62.96 -5.68 0.39	59.10 -5.36 0.00	51.75 -4.80 0.00	48.51 -4.72 0.00	50.12 -4.77 0.00	46.43 -4.45 0.00	48.97 -4.18 0.00	49.12 -3.77 0.00
INDIAN POINT_GT_1 24139	79.05 4.32 0.00	60.92 3.63 0.00	60.35 3.43 0.00	61.59 3.55 0.00	60.15 3.37 0.00	63.93 3.55 0.00	64.07 3.88 0.00	68.39 4.15 0.00	66.36 4.19 0.00	51.81 3.15 0.00	51.51 2.82 0.00	51.61 2.54 -5.53	42.56 2.21 -0.19	48.81 2.33 -4.34	50.79 2.63 0.00	67.48 3.24 0.00	73.32 4.31 0.01	69.18 4.71 0.00	60.72 4.17 0.00	57.06 3.83 0.00	58.47 3.58 0.00	54.22 3.34 0.00	56.45 3.31 0.00	56.16 3.26 0.00
INDIAN POINT_GT_2 23659	79.05 4.32 0.00	60.92 3.63 0.00	60.35 3.43 0.00	61.59 3.55 0.00	60.15 3.37 0.00	63.93 3.55 0.00	64.07 3.88 0.00	68.39 4.15 0.00	66.36 4.19 0.00	51.81 3.15 0.00	51.51 2.82 0.00	51.61 2.54 -5.53	42.56 2.21 -0.19	48.81 2.33 -4.34	50.79 2.63 0.00	67.48 3.24 0.00	73.32 4.31 0.01	69.18 4.71 0.00	60.72 4.17 0.00	57.06 3.83 0.00	58.47 3.58 0.00	54.22 3.34 0.00	56.45 3.31 0.00	56.16 3.26 0.00
INDIAN POINT_GT_3 24019	79.05 4.32 0.00	60.92 3.63 0.00	60.35 3.43 0.00	61.59 3.55 0.00	60.15 3.37 0.00	63.93 3.55 0.00	64.07 3.88 0.00	68.39 4.15 0.00	66.36 4.19 0.00	51.81 3.15 0.00	51.51 2.82 0.00	51.61 2.54 -5.53	42.56 2.21 -0.19	48.81 2.33 -4.34	50.79 2.63 0.00	67.48 3.24 0.00	73.32 4.31 0.01	69.18 4.71 0.00	60.72 4.17 0.00	57.06 3.83 0.00	58.47 3.58 0.00	54.22 3.34 0.00	56.45 3.31 0.00	56.16 3.26 0.00
INDIAN POINT___2 23530	78.85 4.12 0.00	60.79 3.49 0.00	60.20 3.28 0.00	61.44 3.40 0.00	59.99 3.21 0.00	63.79 3.42 0.00	63.93 3.75 0.00	68.23 3.99 0.00	66.22 4.05 0.00	51.69 3.04 0.00	51.37 2.69 0.00	53.47 2.41 -7.51	42.53 2.11 -0.27	50.25 2.22 -5.90	50.66 2.51 0.00	67.30 3.06 0.00	73.12 4.11 0.01	68.99 4.52 0.00	60.57 4.02 0.00	56.92 3.68 0.00	58.31 3.43 0.00	54.08 3.21 0.00	56.29 3.14 0.00	56.01 3.12 0.00
INDIAN POINT___3 23531	78.90 4.17 0.00	60.81 3.52 0.00	60.24 3.32 0.00	61.48 3.45 0.00	60.04 3.26 0.00	63.82 3.45 0.00	63.97 3.78 0.00	68.27 4.03 0.00	66.25 4.08 0.00	51.71 3.05 0.00	51.41 2.72 0.00	51.66 2.46 -5.66	42.49 2.13 -0.20	48.82 2.25 -4.44	50.69 2.53 0.00	67.33 3.09 0.00	73.17 4.16 0.01	69.02 4.55 0.00	60.58 4.04 0.00	56.94 3.70 0.00	58.33 3.44 0.00	54.11 3.23 0.00	56.34 3.20 0.00	56.05 3.16 0.00
INGHAM_C_115KV_TB7 356103	77.25 2.52 0.00	59.37 2.08 0.00	58.97 2.05 0.00	60.10 2.07 0.00	58.76 1.98 0.00	62.59 2.21 0.00	62.87 2.68 0.00	66.96 2.73 0.00	64.45 2.28 0.00	49.49 0.83 0.00	48.68 -0.01 0.00	43.36 -0.18 0.00	39.97 -0.19 0.00	42.09 -0.04 0.00	48.21 0.05 0.00	65.02 0.78 0.00	71.34 2.31 0.00	67.11 2.65 0.00	59.04 2.49 0.00	55.68 2.44 0.00	57.00 2.11 0.00	52.62 1.74 0.00	54.86 1.71 0.00	54.28 1.39 0.00
IP CORINTH___1 23988	80.47 5.74 0.00	61.79 4.49 0.00	61.36 4.44 0.00	62.48 4.45 0.00	61.07 4.29 0.00	65.02 4.64 0.00	65.00 4.82 0.00	69.08 4.84 0.00	66.45 4.28 0.00	51.28 2.63 0.00	50.59 1.91 0.00	44.84 1.30 0.00	41.31 1.16 0.00	43.44 1.32 0.00	49.82 1.67 0.00	66.92 2.67 0.00	72.79 3.76 0.00	68.22 3.76 0.00	59.93 3.38 0.00	56.36 3.13 0.00	57.83 2.94 0.00	53.64 2.76 0.00	55.94 2.79 0.00	55.60 2.71 0.00

IP__TICONDEROGA 23804	84.01 9.28 0.00	64.44 7.15 0.00	64.03 7.11 0.00	64.94 6.91 0.00	63.44 6.66 0.00	67.37 6.99 0.00	67.36 7.18 0.00	72.42 8.18 0.00	69.51 7.34 0.00	53.10 4.44 0.00	52.54 3.86 0.00	46.21 2.66 0.00	42.43 2.27 0.00	44.67 2.54 0.00	51.50 3.34 0.00	69.38 5.14 0.00	76.54 7.52 0.00	71.61 7.14 0.00	63.16 6.61 0.00	59.23 6.00 0.00	60.61 5.72 0.00	56.16 5.28 0.00	58.52 5.37 0.00	58.32 5.42 0.00
ISLIP_RES_REC 323679	82.36 7.63 0.00	63.41 6.12 0.00	62.78 5.86 0.00	64.38 6.35 0.00	62.80 6.02 0.00	66.96 6.58 0.00	67.28 7.09 0.00	71.86 7.62 0.00	69.60 7.43 0.00	53.71 5.05 0.00	53.32 4.63 0.00	52.50 3.96 -4.99	43.73 3.39 -0.18	50.07 4.02 -3.92	53.22 5.07 0.00	71.16 6.92 0.00	80.67 8.44 -3.21	74.35 8.92 -0.97	64.32 7.77 -0.01	106.80 7.33 -46.23	61.88 6.99 0.00	80.04 6.49 -22.67	59.57 6.43 0.00	59.13 6.24 0.00
JAMAICA__27_KV_LOAD 355505	80.43 5.70 0.00	62.00 4.71 0.00	61.36 4.45 0.00	62.50 4.47 0.00	61.07 4.28 0.00	64.85 4.48 0.00	65.04 4.85 0.00	69.53 5.29 0.00	67.59 5.42 0.00	52.88 4.23 0.00	52.46 3.78 0.00	52.03 3.48 -5.01	43.40 3.07 -0.18	49.15 3.08 -3.94	51.60 3.45 0.00	68.37 4.13 0.00	74.32 5.30 0.01	70.14 5.67 0.00	61.69 5.15 0.00	58.09 4.86 0.00	59.44 4.55 0.00	55.17 4.29 0.00	57.51 4.36 0.00	57.19 4.29 0.00
JANIS__SOLAR 323808	79.59 4.86 0.00	60.89 3.60 0.00	60.56 3.64 0.00	61.75 3.72 0.00	60.45 3.67 0.00	64.39 4.01 0.00	64.36 4.17 0.00	68.50 4.27 0.00	66.03 3.86 0.00	50.49 1.83 0.00	49.68 1.00 0.00	44.27 0.73 0.00	40.79 0.63 0.00	42.81 0.68 0.00	49.24 1.09 0.00	66.63 2.39 0.00	73.11 4.11 0.03	68.74 4.27 0.00	60.43 3.88 0.00	56.77 3.53 0.00	58.27 3.38 0.00	53.57 2.69 0.00	55.61 2.47 0.00	55.13 2.24 0.00
JARVIS____ 23743	75.32 0.60 0.00	57.80 0.51 0.00	57.43 0.51 0.00	58.55 0.52 0.00	57.25 0.46 0.00	60.91 0.54 0.00	60.76 0.57 0.00	64.76 0.52 0.00	62.69 0.52 0.00	48.95 0.30 0.00	48.87 0.19 0.00	43.68 0.13 0.00	40.28 0.12 0.00	42.26 0.13 0.00	48.30 0.14 0.00	64.51 0.26 0.00	69.49 0.47 0.00	64.99 0.52 0.00	57.05 0.51 0.00	53.71 0.47 0.00	55.28 0.39 0.00	51.24 0.36 0.00	53.52 0.37 0.00	53.21 0.32 0.00
JENNISON__1 23625	79.78 5.05 0.00	61.07 3.78 0.00	60.75 3.83 0.00	62.03 4.00 0.00	60.70 3.91 0.00	64.66 4.28 0.00	64.69 4.50 0.00	68.93 4.69 0.00	66.66 4.49 0.00	51.47 2.81 0.00	50.97 2.29 0.00	45.50 1.95 0.00	41.88 1.72 0.00	43.93 1.80 0.00	50.39 2.23 0.00	67.86 3.62 0.00	73.70 4.72 0.04	69.17 4.71 0.00	60.79 4.25 0.00	57.09 3.85 0.00	58.49 3.61 0.00	53.55 2.67 0.00	55.18 2.03 0.00	54.49 1.59 0.00
JENNISON__2 23626	79.78 5.05 0.00	61.07 3.78 0.00	60.75 3.83 0.00	62.03 4.00 0.00	60.70 3.91 0.00	64.66 4.28 0.00	64.69 4.50 0.00	68.93 4.69 0.00	66.66 4.49 0.00	51.47 2.81 0.00	50.97 2.29 0.00	45.50 1.95 0.00	41.88 1.72 0.00	43.93 1.80 0.00	50.39 2.23 0.00	67.86 3.62 0.00	73.70 4.72 0.04	69.17 4.71 0.00	60.79 4.25 0.00	57.09 3.85 0.00	58.49 3.61 0.00	53.55 2.67 0.00	55.18 2.03 0.00	54.49 1.59 0.00
JERICHO_RISE_WT_PWR 323719	72.79 -1.94 0.00	55.67 -1.62 0.00	55.40 -1.52 0.00	56.95 -1.08 0.00	55.60 -1.18 0.00	59.00 -1.37 0.00	58.27 -1.92 0.00	62.77 -1.47 0.00	60.91 -1.26 0.00	48.65 0.00 0.00	49.28 0.60 0.00	44.11 0.57 0.00	40.68 0.52 0.00	42.63 0.51 0.00	48.90 0.74 0.00	65.43 1.19 0.00	69.36 0.33 0.00	64.16 -0.30 0.00	56.09 -0.46 0.00	53.06 -0.18 0.00	55.03 0.15 0.00	51.05 0.17 0.00	53.53 0.38 0.00	53.43 0.54 0.00
KATONAH__115KV_46KV_TB4 355592	80.01 5.28 0.00	61.62 4.33 0.00	61.07 4.15 0.00	62.32 4.29 0.00	60.88 4.09 0.00	64.71 4.33 0.00	64.85 4.67 0.00	69.25 5.01 0.00	67.19 5.02 0.00	52.46 3.81 0.00	52.14 3.46 0.00	49.36 3.10 -2.73	42.98 2.73 -0.10	47.14 2.87 -2.14	51.40 3.25 0.00	68.31 4.07 0.00	74.22 5.20 0.01	70.02 5.56 0.00	61.47 4.92 0.00	57.76 4.52 0.00	59.17 4.29 0.00	54.86 3.98 0.00	57.10 3.95 0.00	56.78 3.89 0.00
KCE_NY_1 323755	79.58 4.85 0.00	61.11 3.82 0.00	60.71 3.80 0.00	61.85 3.82 0.00	60.55 3.77 0.00	64.46 4.09 0.00	64.35 4.17 0.00	68.52 4.28 0.00	66.15 3.98 0.00	51.25 2.59 0.00	50.88 2.20 0.00	45.35 1.81 0.00	41.83 1.67 0.00	43.97 1.84 0.00	50.38 2.22 0.00	67.55 3.31 0.00	73.20 4.18 0.00	68.68 4.21 0.00	60.25 3.70 0.00	56.69 3.46 0.00	58.22 3.33 0.00	53.94 3.06 0.00	56.30 3.16 0.00	55.99 3.10 0.00
KCE_NY_6_ESR 323823	73.93 -0.80 0.00	56.73 -0.56 0.00	56.65 -0.27 0.00	57.35 -0.68 0.00	56.19 -0.59 0.00	59.46 -0.92 0.00	58.13 -2.05 0.00	59.86 -4.38 0.00	57.87 -4.30 0.00	45.45 -3.21 0.00	45.47 -3.21 0.00	41.02 -2.53 0.00	38.18 -1.98 0.00	39.95 -2.18 0.00	45.64 -2.52 0.00	60.51 -3.73 0.00	63.91 -4.73 0.38	59.86 -4.60 0.00	52.34 -4.21 0.00	49.06 -4.17 0.00	50.70 -4.19 0.00	46.87 -4.01 0.00	49.35 -3.80 0.00	49.47 -3.42 0.00
KEDC_PORT_JEFF_GT2 24210	81.95 7.21 0.00	63.10 5.81 0.00	62.49 5.56 0.00	64.08 6.04 0.00	62.50 5.72 0.00	66.62 6.24 0.00	66.92 6.73 0.00	71.47 7.23 0.00	69.23 7.06 0.00	53.46 4.80 0.00	53.09 4.40 0.00	52.31 3.78 -4.99	43.55 3.21 -0.18	49.83 3.78 -3.92	52.94 4.79 0.00	70.74 6.49 0.00	80.15 7.92 -3.21	73.82 8.39 -0.97	63.86 7.31 -0.01	106.36 6.89 -46.23	61.43 6.55 0.00	79.64 6.10 -22.67	59.16 6.02 0.00	58.77 5.87 0.00
KEDC_PORT_JEFF_GT3 24211	81.95 7.21 0.00	63.10 5.81 0.00	62.49 5.56 0.00	64.08 6.04 0.00	62.50 5.72 0.00	66.62 6.24 0.00	66.92 6.73 0.00	71.47 7.23 0.00	69.23 7.06 0.00	53.46 4.80 0.00	53.09 4.40 0.00	52.31 3.78 -4.99	43.55 3.21 -0.18	49.83 3.78 -3.92	52.94 4.79 0.00	70.74 6.49 0.00	80.15 7.92 -3.21	73.82 8.39 -0.97	63.86 7.31 -0.01	106.36 6.89 -46.23	61.43 6.55 0.00	79.64 6.10 -22.67	59.16 6.02 0.00	58.77 5.87 0.00
KEDC_GLWD_GT4 24219	80.16 5.43 0.00	61.63 4.34 0.00	61.43 4.51 0.00	62.75 4.72 0.00	61.20 4.42 0.00	64.67 4.29 0.00	64.85 4.66 0.00	69.24 5.00 0.00	67.16 4.99 0.00	52.36 3.70 0.00	52.11 3.42 0.00	51.57 3.04 -4.99	42.99 2.65 -0.18	48.93 2.88 -3.92	51.55 3.39 0.00	68.52 4.27 0.00	77.63 5.40 -3.21	71.22 5.80 -0.97	61.63 5.08 -0.01	104.18 4.72 -46.23	59.34 4.45 0.00	77.70 4.15 -22.67	57.18 4.03 0.00	56.91 4.02 0.00
KEDC_GLWD_GT5 24220	80.16 5.43 0.00	61.63 4.34 0.00	61.43 4.51 0.00	62.75 4.72 0.00	61.20 4.42 0.00	64.67 4.29 0.00	64.85 4.66 0.00	69.24 5.00 0.00	67.16 4.99 0.00	52.36 3.70 0.00	52.11 3.42 0.00	51.57 3.04 -4.99	42.99 2.65 -0.18	48.93 2.88 -3.92	51.55 3.39 0.00	68.52 4.27 0.00	77.63 5.40 -3.21	71.22 5.80 -0.97	61.63 5.08 -0.01	104.18 4.72 -46.23	59.34 4.45 0.00	77.70 4.15 -22.67	57.18 4.03 0.00	56.91 4.02 0.00

KENSICO____ 23655	79.41 4.68 0.00	61.19 3.90 0.00	60.61 3.69 0.00	61.85 3.82 0.00	60.41 3.63 0.00	64.20 3.82 0.00	64.34 4.15 0.00	68.67 4.43 0.00	66.64 4.47 0.00	52.04 3.39 0.00	51.74 3.06 0.00	51.53 2.77 -5.22	42.77 2.43 -0.18	48.80 2.57 -4.10	51.06 2.91 0.00	67.81 3.57 0.00	73.66 4.65 0.01	69.49 5.02 0.00	61.00 4.45 0.00	57.32 4.09 0.00	58.71 3.82 0.00	54.46 3.58 0.00	56.68 3.53 0.00	56.41 3.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	81.47 6.74 0.00	62.69 5.40 0.00	62.05 5.13 0.00	63.33 5.30 0.00	61.91 5.12 0.00	65.88 5.51 0.00	66.08 5.90 0.00	70.53 6.29 0.00	68.07 5.90 0.00	52.87 4.22 0.00	52.33 3.65 0.00	45.69 3.12 0.97	42.79 2.66 0.03	44.21 2.84 0.76	51.56 3.40 0.00	68.92 4.68 0.00	75.27 6.26 0.01	71.10 6.63 0.00	62.43 5.88 0.00	58.65 5.41 0.00	60.12 5.23 0.00	55.65 4.78 0.00	57.84 4.69 0.00	57.46 4.57 0.00
KIAC_JFK_GT1 23816	80.13 5.40 0.00	61.77 4.48 0.00	61.15 4.23 0.00	62.30 4.27 0.00	60.86 4.08 0.00	64.62 4.24 0.00	64.81 4.62 0.00	69.28 5.03 0.00	67.34 5.17 0.00	52.69 4.04 0.00	52.28 3.60 0.00	51.87 3.32 -5.01	43.25 2.92 -0.18	49.00 2.93 -3.94	51.43 3.28 0.00	68.13 3.89 0.00	74.04 5.02 0.01	69.87 5.40 0.00	61.46 4.91 0.00	57.87 4.64 0.00	59.19 4.30 0.00	54.95 4.07 0.00	57.30 4.15 0.00	56.97 4.08 0.00
KIAC_JFK_GT2 23817	80.13 5.40 0.00	61.77 4.48 0.00	61.15 4.23 0.00	62.30 4.27 0.00	60.86 4.08 0.00	64.62 4.24 0.00	64.81 4.62 0.00	69.28 5.03 0.00	67.34 5.17 0.00	52.69 4.04 0.00	52.28 3.60 0.00	51.87 3.32 -5.01	43.25 2.92 -0.18	49.00 2.93 -3.94	51.43 3.28 0.00	68.13 3.89 0.00	74.04 5.02 0.01	69.87 5.40 0.00	61.46 4.91 0.00	57.87 4.64 0.00	59.19 4.30 0.00	54.95 4.07 0.00	57.30 4.15 0.00	56.97 4.08 0.00
KIAC_JFK____ 323774	80.13 5.40 0.00	61.77 4.48 0.00	61.16 4.24 0.00	62.30 4.27 0.00	60.86 4.08 0.00	64.62 4.24 0.00	64.80 4.62 0.00	69.27 5.03 0.00	67.35 5.18 0.00	52.70 4.04 0.00	52.28 3.60 0.00	51.86 3.31 -5.01	43.25 2.91 -0.18	49.00 2.93 -3.94	51.43 3.28 0.00	68.13 3.89 0.00	74.04 5.02 0.01	69.85 5.39 0.00	61.46 4.91 0.00	57.88 4.64 0.00	59.19 4.30 0.00	54.95 4.07 0.00	57.29 4.14 0.00	56.97 4.08 0.00
KINTIGH____ 23543	72.12 -2.61 0.00	55.36 -1.93 0.00	55.29 -1.63 0.00	56.08 -1.95 0.00	54.90 -1.88 0.00	58.12 -2.25 0.00	56.99 -3.19 0.00	59.06 -5.18 0.00	57.13 -5.04 0.00	44.92 -3.74 0.00	45.00 -3.69 0.00	40.47 -3.08 0.00	37.62 -2.54 0.00	39.35 -2.78 0.00	44.94 -3.22 0.00	59.62 -4.63 0.00	63.65 -5.56 -0.18	59.23 -5.24 0.00	51.85 -4.69 0.00	48.67 -4.57 0.00	50.25 -4.63 0.00	46.56 -4.32 0.00	48.99 -4.16 0.00	49.13 -3.77 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	73.29 -1.44 0.00	56.27 -1.03 0.00	55.94 -0.98 0.00	57.63 -0.40 0.00	56.08 -0.70 0.00	59.57 -0.81 0.00	58.75 -1.43 0.00	63.32 -0.92 0.00	61.65 -0.52 0.00	49.44 0.78 0.00	50.05 1.36 0.00	44.78 1.24 0.00	41.27 1.11 0.00	43.26 1.13 0.00	49.68 1.53 0.00	66.66 2.42 0.00	70.81 1.79 0.00	65.43 0.97 0.00	57.20 0.66 0.00	54.26 1.02 0.00	56.19 1.31 0.00	52.05 1.17 0.00	54.55 1.40 0.00	54.38 1.49 0.00
LACHUTE__HYDRO 323717	84.01 9.28 0.00	64.44 7.15 0.00	64.02 7.10 0.00	64.94 6.91 0.00	63.44 6.66 0.00	67.37 6.99 0.00	67.36 7.17 0.00	72.42 8.18 0.00	69.51 7.34 0.00	53.10 4.44 0.00	52.54 3.86 0.00	46.19 2.65 0.00	42.43 2.27 0.00	44.67 2.54 0.00	51.50 3.34 0.00	69.38 5.14 0.00	76.54 7.52 0.00	71.61 7.14 0.00	63.15 6.61 0.00	59.23 6.00 0.00	60.60 5.72 0.00	56.16 5.28 0.00	58.52 5.37 0.00	58.32 5.42 0.00
LAWRNCV_115KV_TB1 80681	74.99 0.26 0.00	57.73 0.44 0.00	57.50 0.58 0.00	58.98 0.95 0.00	57.79 1.01 0.00	60.56 0.18 0.00	57.58 -2.61 0.00	61.42 -2.82 0.00	59.43 -2.74 0.00	46.49 -2.17 0.00	46.23 -2.45 0.00	41.69 -1.85 0.00	38.29 -1.87 0.00	39.96 -2.16 0.00	45.82 -2.33 0.00	62.40 -1.84 0.00	66.65 -2.37 0.00	62.53 -1.94 0.00	54.69 -1.85 0.00	51.59 -1.64 0.00	53.21 -1.68 0.00	49.22 -1.66 0.00	52.41 -0.74 0.00	54.08 1.19 0.00
LEDERLE____ 23769	78.97 4.24 0.00	60.87 3.58 0.00	60.25 3.33 0.00	61.49 3.46 0.00	60.06 3.28 0.00	63.88 3.51 0.00	64.05 3.86 0.00	68.35 4.11 0.00	66.34 4.16 0.00	51.75 3.10 0.00	51.43 2.74 0.00	39.19 2.48 6.83	42.05 2.13 0.24	39.02 2.25 5.36	50.70 2.54 0.00	67.36 3.12 0.00	73.22 4.21 0.01	69.11 4.65 0.00	60.67 4.12 0.00	57.03 3.79 0.00	58.43 3.55 0.00	54.20 3.32 0.00	56.40 3.26 0.00	56.11 3.22 0.00
LIGHTHSE_115KV_TB6 355974	73.35 -1.38 0.00	56.33 -0.96 0.00	56.08 -0.84 0.00	57.23 -0.80 0.00	56.07 -0.71 0.00	59.70 -0.67 0.00	59.41 -0.77 0.00	63.29 -0.95 0.00	61.28 -0.89 0.00	47.64 -1.02 0.00	47.53 -1.16 0.00	42.49 -1.05 0.00	39.15 -1.01 0.00	40.98 -1.15 0.00	46.91 -1.24 0.00	63.00 -1.25 0.00	68.23 -0.79 0.00	64.00 -0.47 0.00	56.14 -0.40 0.00	52.80 -0.43 0.00	54.30 -0.59 0.00	50.19 -0.69 0.00	52.41 -0.73 0.00	52.11 -0.79 0.00
LINDEN COGEN____ 23786	79.13 4.40 0.00	61.08 3.78 0.00	60.53 3.61 0.00	61.70 3.67 0.00	60.27 3.49 0.00	63.99 3.62 0.00	64.14 3.96 0.00	68.43 4.19 0.00	66.50 4.33 0.00	52.12 3.47 0.00	51.82 3.14 0.00	51.42 2.87 -5.01	42.92 2.58 -0.18	48.74 2.68 -3.94	51.15 3.00 0.00	67.65 3.41 0.00	73.48 4.47 0.01	69.38 4.92 0.00	60.92 4.37 0.00	57.27 4.03 0.00	58.60 3.72 0.00	54.42 3.55 0.00	56.68 3.53 0.00	56.39 3.50 0.00
LINDHRST_69_KV_BK1 356055	81.79 7.06 0.00	63.05 5.76 0.00	62.43 5.51 0.00	63.89 5.86 0.00	62.31 5.53 0.00	66.33 5.95 0.00	66.58 6.39 0.00	71.11 6.87 0.00	68.91 6.74 0.00	53.41 4.75 0.00	53.05 4.37 0.00	52.34 3.81 -4.99	43.61 3.28 -0.18	49.75 3.70 -3.92	52.73 4.58 0.00	70.32 6.08 0.00	79.64 7.41 -3.21	73.27 7.84 -0.97	63.38 6.83 -0.01	105.91 6.45 -46.23	61.07 6.18 0.00	79.27 5.72 -22.67	58.80 5.66 0.00	58.43 5.54 0.00
LIPA_MISC_IPP 23656	81.79 7.06 0.00	62.97 5.68 0.00	62.35 5.43 0.00	64.06 6.03 0.00	62.51 5.73 0.00	66.65 6.27 0.00	66.98 6.80 0.00	71.53 7.28 0.00	69.23 7.06 0.00	53.27 4.62 0.00	53.02 4.33 0.00	52.24 3.70 -4.99	43.37 3.04 -0.18	49.77 3.72 -3.92	52.92 4.76 0.00	70.79 6.55 0.00	80.31 8.08 -3.21	74.00 8.57 -0.97	64.03 7.47 -0.01	106.51 7.05 -46.23	61.58 6.69 0.00	79.75 6.21 -22.67	59.27 6.12 0.00	58.85 5.95 0.00
LISF__SOLAR 323691	81.95 7.22 0.00	63.09 5.79 0.00	62.48 5.55 0.00	64.18 6.15 0.00	62.63 5.85 0.00	66.77 6.39 0.00	67.12 6.93 0.00	71.66 7.42 0.00	69.35 7.17 0.00	53.34 4.68 0.00	53.06 4.38 0.00	52.26 3.73 -4.99	43.40 3.06 -0.18	49.81 3.76 -3.92	52.98 4.82 0.00	70.93 6.68 0.00	80.49 8.26 -3.21	74.17 8.74 -0.97	64.18 7.63 -0.01	106.64 7.17 -46.23	61.73 6.84 0.00	79.87 6.32 -22.67	59.40 6.25 0.00	58.97 6.08 0.00

LITTLE FALLS___HYD 24013	77.25 2.52 0.00	59.37 2.08 0.00	58.97 2.05 0.00	60.10 2.07 0.00	58.76 1.98 0.00	62.59 2.21 0.00	62.87 2.68 0.00	66.96 2.73 0.00	64.45 2.28 0.00	49.49 0.83 0.00	48.68 -0.01 0.00	43.36 -0.18 0.00	39.97 -0.19 0.00	42.09 -0.04 0.00	48.21 0.05 0.00	65.02 0.78 0.00	71.34 2.31 0.00	67.11 2.65 0.00	59.04 2.49 0.00	55.68 2.44 0.00	57.00 2.11 0.00	52.62 1.74 0.00	54.86 1.71 0.00	54.28 1.39 0.00
LITTLRIV_115KV_TB1 356100	76.60 1.87 0.00	58.98 1.69 0.00	58.76 1.84 0.00	60.23 2.20 0.00	59.06 2.27 0.00	61.87 1.49 0.00	58.76 -1.43 0.00	62.73 -1.52 0.00	60.61 -1.56 0.00	46.97 -1.69 0.00	46.45 -2.23 0.00	41.86 -1.69 0.00	38.43 -1.72 0.00	40.09 -2.03 0.00	45.95 -2.21 0.00	62.95 -1.30 0.00	68.01 -1.02 0.00	63.92 -0.54 0.00	55.93 -0.62 0.00	52.72 -0.52 0.00	54.38 -0.51 0.00	50.28 -0.60 0.00	53.47 0.32 0.00	55.22 2.33 0.00
LI_NEWBRDGE___DRP 323616	80.35 5.62 0.00	61.95 4.66 0.00	61.38 4.46 0.00	62.79 4.75 0.00	61.23 4.45 0.00	65.15 4.78 0.00	65.34 5.16 0.00	69.74 5.50 0.00	67.61 5.45 0.00	52.56 3.90 0.00	52.26 3.57 0.00	51.65 3.12 -4.99	43.01 2.67 -0.18	49.05 3.00 -3.92	51.81 3.65 0.00	68.92 4.68 0.00	78.04 5.81 -3.21	71.65 6.22 -0.97	61.96 5.41 -0.01	104.55 5.09 -46.23	59.70 4.81 0.00	78.05 4.50 -22.67	57.58 4.44 0.00	57.26 4.37 0.00
LOCKPORT_115KV_TB60_63_64 80432	71.95 -2.78 0.00	55.36 -1.93 0.00	55.35 -1.58 0.00	56.05 -1.98 0.00	54.88 -1.90 0.00	58.07 -2.31 0.00	56.71 -3.48 0.00	58.13 -6.11 0.00	56.16 -6.00 0.00	44.26 -4.39 0.00	44.24 -4.44 0.00	39.84 -3.70 0.00	37.12 -3.04 0.00	38.92 -3.21 0.00	44.30 -3.86 0.00	58.63 -5.61 0.00	62.12 -6.58 0.32	58.27 -6.20 0.00	51.05 -5.50 0.00	47.89 -5.35 0.00	49.46 -5.42 0.00	45.85 -5.03 0.00	48.33 -4.81 0.00	48.52 -4.38 0.00
LOCKPORT___CC1 323769	71.74 -2.99 0.00	55.17 -2.12 0.00	55.14 -1.78 0.00	55.85 -2.19 0.00	54.71 -2.07 0.00	57.87 -2.50 0.00	56.52 -3.67 0.00	57.94 -6.29 0.00	56.01 -6.16 0.00	44.10 -4.56 0.00	44.12 -4.57 0.00	39.79 -3.75 0.00	37.02 -3.14 0.00	38.81 -3.32 0.00	44.18 -3.98 0.00	58.49 -5.76 0.00	61.89 -6.79 0.34	58.07 -6.39 0.00	50.85 -5.70 0.00	47.72 -5.52 0.00	49.30 -5.59 0.00	45.66 -5.22 0.00	48.18 -4.97 0.00	48.34 -4.55 0.00
LOCKPORT___CC2 323770	71.74 -2.99 0.00	55.17 -2.12 0.00	55.14 -1.78 0.00	55.85 -2.19 0.00	54.71 -2.07 0.00	57.87 -2.50 0.00	56.52 -3.67 0.00	57.94 -6.29 0.00	56.01 -6.16 0.00	44.10 -4.56 0.00	44.12 -4.57 0.00	39.79 -3.75 0.00	37.02 -3.14 0.00	38.81 -3.32 0.00	44.18 -3.98 0.00	58.49 -5.76 0.00	61.89 -6.79 0.34	58.07 -6.39 0.00	50.85 -5.70 0.00	47.72 -5.52 0.00	49.30 -5.59 0.00	45.66 -5.22 0.00	48.18 -4.97 0.00	48.34 -4.55 0.00
LOCKPORT___CC3 323771	71.74 -2.99 0.00	55.17 -2.12 0.00	55.14 -1.78 0.00	55.85 -2.19 0.00	54.71 -2.07 0.00	57.87 -2.50 0.00	56.52 -3.67 0.00	57.94 -6.29 0.00	56.01 -6.16 0.00	44.10 -4.56 0.00	44.12 -4.57 0.00	39.79 -3.75 0.00	37.02 -3.14 0.00	38.81 -3.32 0.00	44.18 -3.98 0.00	58.49 -5.76 0.00	61.89 -6.79 0.34	58.07 -6.39 0.00	50.85 -5.70 0.00	47.72 -5.52 0.00	49.30 -5.59 0.00	45.66 -5.22 0.00	48.18 -4.97 0.00	48.34 -4.55 0.00
LONG_LAKE_PHOENIX 24014	72.97 -1.76 0.00	55.96 -1.34 0.00	55.62 -1.31 0.00	56.66 -1.37 0.00	55.45 -1.34 0.00	58.97 -1.41 0.00	58.73 -1.46 0.00	62.46 -1.78 0.00	60.45 -1.72 0.00	47.10 -1.56 0.00	47.02 -1.66 0.00	42.09 -1.45 0.00	38.82 -1.34 0.00	40.68 -1.45 0.00	46.53 -1.62 0.00	62.25 -1.99 0.00	67.15 -1.87 0.00	62.86 -1.60 0.00	55.20 -1.35 0.00	51.91 -1.33 0.00	53.41 -1.48 0.00	49.41 -1.47 0.00	51.60 -1.54 0.00	51.29 -1.60 0.00
LOVETT___3 23632	78.46 3.73 0.00	60.48 3.18 0.00	59.89 2.97 0.00	61.13 3.10 0.00	59.70 2.92 0.00	63.48 3.11 0.00	63.63 3.45 0.00	67.90 3.66 0.00	65.90 3.73 0.00	51.42 2.77 0.00	51.12 2.44 0.00	38.64 2.21 7.11	41.80 1.89 0.25	38.54 1.99 5.58	50.39 2.23 0.00	66.92 2.68 0.00	72.74 3.73 0.01	68.64 4.18 0.00	60.25 3.70 0.00	56.64 3.40 0.00	58.03 3.14 0.00	53.82 2.94 0.00	56.03 2.88 0.00	55.74 2.85 0.00
LOVETT___4 23642	78.46 3.73 0.00	60.48 3.18 0.00	59.89 2.97 0.00	61.13 3.10 0.00	59.70 2.92 0.00	63.48 3.11 0.00	63.63 3.45 0.00	67.90 3.66 0.00	65.90 3.73 0.00	51.42 2.77 0.00	51.12 2.44 0.00	38.64 2.21 7.11	41.80 1.89 0.25	38.54 1.99 5.58	50.39 2.23 0.00	66.92 2.68 0.00	72.74 3.73 0.01	68.64 4.18 0.00	60.25 3.70 0.00	56.64 3.40 0.00	58.03 3.14 0.00	53.82 2.94 0.00	56.03 2.88 0.00	55.74 2.85 0.00
LOVETT___5 23593	78.46 3.73 0.00	60.48 3.18 0.00	59.89 2.97 0.00	61.13 3.10 0.00	59.70 2.92 0.00	63.48 3.11 0.00	63.63 3.45 0.00	67.90 3.66 0.00	65.90 3.73 0.00	51.42 2.77 0.00	51.12 2.44 0.00	38.64 2.21 7.11	41.80 1.89 0.25	38.54 1.99 5.58	50.39 2.23 0.00	66.92 2.68 0.00	72.74 3.73 0.01	68.64 4.18 0.00	60.25 3.70 0.00	56.64 3.40 0.00	58.03 3.14 0.00	53.82 2.94 0.00	56.03 2.88 0.00	55.74 2.85 0.00
LOWER RAQUET___HYD 24057	74.99 0.26 0.00	57.73 0.44 0.00	57.49 0.57 0.00	58.98 0.95 0.00	57.79 1.01 0.00	60.56 0.18 0.00	57.58 -2.61 0.00	61.42 -2.82 0.00	59.43 -2.74 0.00	46.49 -2.16 0.00	46.23 -2.46 0.00	41.69 -1.85 0.00	38.29 -1.87 0.00	39.96 -2.17 0.00	45.82 -2.33 0.00	62.40 -1.84 0.00	66.65 -2.37 0.00	62.53 -1.94 0.00	54.69 -1.85 0.00	51.59 -1.64 0.00	53.21 -1.68 0.00	49.22 -1.66 0.00	52.41 -0.74 0.00	54.08 1.19 0.00
LOWER___HUDSON 24059	78.45 3.72 0.00	60.34 3.05 0.00	59.90 2.98 0.00	61.04 3.01 0.00	59.60 2.81 0.00	63.45 3.08 0.00	63.37 3.19 0.00	67.45 3.21 0.00	65.24 3.07 0.00	50.82 2.16 0.00	50.57 1.89 0.00	45.11 1.57 0.00	41.62 1.46 0.00	43.70 1.57 0.00	49.90 1.74 0.00	66.69 2.44 0.00	72.24 3.22 0.00	67.72 3.25 0.00	59.46 2.91 0.00	56.02 2.78 0.00	57.53 2.64 0.00	53.33 2.45 0.00	55.76 2.62 0.00	55.49 2.59 0.00
LOWVILLE_115KV_TB2 356335	75.71 0.98 0.00	58.41 1.12 0.00	58.29 1.37 0.00	59.69 1.66 0.00	58.62 1.84 0.00	62.36 1.99 0.00	61.68 1.49 0.00	65.90 1.66 0.00	63.83 1.66 0.00	49.62 0.96 0.00	49.35 0.67 0.00	44.14 0.60 0.00	40.58 0.42 0.00	42.41 0.29 0.00	48.62 0.47 0.00	65.66 1.42 0.00	71.15 2.13 0.00	66.78 2.32 0.00	58.49 1.94 0.00	55.05 1.81 0.00	56.57 1.69 0.00	52.25 1.38 0.00	54.60 1.46 0.00	54.35 1.46 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	79.55 4.82 0.00	61.12 3.83 0.00	60.71 3.79 0.00	61.85 3.82 0.00	60.46 3.67 0.00	64.37 3.99 0.00	64.30 4.12 0.00	68.46 4.22 0.00	66.09 3.92 0.00	51.25 2.59 0.00	50.88 2.20 0.00	45.33 1.79 0.00	41.80 1.64 0.00	43.93 1.80 0.00	50.31 2.15 0.00	67.45 3.21 0.00	73.14 4.12 0.00	68.55 4.08 0.00	60.18 3.63 0.00	56.64 3.40 0.00	58.16 3.28 0.00	53.89 3.01 0.00	56.25 3.10 0.00	55.94 3.05 0.00

LUTHERNY_35_KV_BK2 355980	79.58 4.85 0.00	61.11 3.82 0.00	60.72 3.79 0.00	61.85 3.82 0.00	60.55 3.77 0.00	64.46 4.09 0.00	64.35 4.17 0.00	68.52 4.28 0.00	66.15 3.98 0.00	51.25 2.59 0.00	50.88 2.20 0.00	45.35 1.81 0.00	41.83 1.67 0.00	43.97 1.84 0.00	50.38 2.22 0.00	67.56 3.31 0.00	73.20 4.18 0.00	68.68 4.22 0.00	60.25 3.70 0.00	56.69 3.46 0.00	58.22 3.33 0.00	53.94 3.06 0.00	56.30 3.16 0.00	55.99 3.10 0.00
LWR___OSWEGATCHIE_HYD 23850	74.73 0.00 0.00	57.59 0.30 0.00	57.40 0.48 0.00	58.84 0.80 0.00	57.73 0.95 0.00	60.91 0.54 0.00	59.00 -1.18 0.00	63.02 -1.22 0.00	61.00 -1.17 0.00	47.52 -1.14 0.00	47.28 -1.40 0.00	42.47 -1.06 0.00	39.03 -1.14 0.00	40.74 -1.39 0.00	46.71 -1.44 0.00	63.43 -0.81 0.00	68.26 -0.77 0.00	64.08 -0.38 0.00	56.08 -0.46 0.00	52.83 -0.41 0.00	54.37 -0.51 0.00	50.26 -0.62 0.00	53.05 -0.10 0.00	53.86 0.97 0.00
LYONS_FALL_HYD 23570	76.20 1.47 0.00	58.68 1.38 0.00	58.46 1.54 0.00	59.76 1.73 0.00	58.63 1.85 0.00	62.39 2.02 0.00	61.92 1.73 0.00	66.12 1.88 0.00	64.07 1.90 0.00	49.83 1.17 0.00	49.57 0.88 0.00	44.29 0.75 0.00	40.74 0.58 0.00	42.64 0.51 0.00	48.85 0.70 0.00	65.78 1.54 0.00	71.23 2.21 0.00	66.77 2.30 0.00	58.53 1.98 0.00	55.08 1.84 0.00	56.63 1.74 0.00	52.33 1.45 0.00	54.63 1.49 0.00	54.34 1.45 0.00
MADISON___COUNTY_LFGE 323628	77.16 2.43 0.00	59.28 1.99 0.00	58.96 2.04 0.00	60.12 2.09 0.00	58.94 2.15 0.00	62.75 2.38 0.00	62.59 2.41 0.00	66.68 2.45 0.00	64.57 2.41 0.00	50.11 1.45 0.00	49.76 1.08 0.00	44.40 0.86 0.00	40.88 0.72 0.00	42.86 0.73 0.00	49.09 0.94 0.00	65.92 1.68 0.00	71.46 2.44 0.00	66.83 2.37 0.00	58.65 2.10 0.00	55.12 1.89 0.00	56.69 1.81 0.00	52.40 1.52 0.00	54.61 1.46 0.00	54.24 1.35 0.00
MALONE___115KV_TB1 356076	74.77 0.04 0.00	57.26 -0.03 0.00	56.97 0.05 0.00	58.56 0.52 0.00	57.22 0.44 0.00	60.56 0.19 0.00	59.28 -0.91 0.00	63.72 -0.52 0.00	61.81 -0.36 0.00	49.14 0.48 0.00	49.52 0.84 0.00	44.33 0.78 0.00	40.75 0.59 0.00	42.62 0.49 0.00	48.89 0.73 0.00	65.74 1.50 0.00	69.95 0.93 0.00	65.02 0.55 0.00	56.88 0.33 0.00	53.77 0.53 0.00	55.66 0.77 0.00	51.56 0.68 0.00	54.22 1.07 0.00	54.54 1.64 0.00
MAPLEWOD_115KV_TB3 80458	78.20 3.47 0.00	60.17 2.87 0.00	59.73 2.81 0.00	60.88 2.84 0.00	59.39 2.61 0.00	63.22 2.84 0.00	63.14 2.96 0.00	67.24 3.00 0.00	65.08 2.91 0.00	50.73 2.08 0.00	50.50 1.82 0.00	45.09 1.55 0.00	41.61 1.45 0.00	43.65 1.53 0.00	49.76 1.61 0.00	66.47 2.23 0.00	71.97 2.95 0.00	67.46 3.00 0.00	59.24 2.69 0.00	55.81 2.58 0.00	57.31 2.42 0.00	53.15 2.27 0.00	55.68 2.53 0.00	55.41 2.51 0.00
MAPLE_RIDGE_WT_1 323574	73.92 -0.81 0.00	56.68 -0.62 0.00	56.40 -0.52 0.00	57.62 -0.41 0.00	56.39 -0.39 0.00	59.95 -0.43 0.00	59.67 -0.52 0.00	63.85 -0.39 0.00	61.77 -0.40 0.00	48.50 -0.15 0.00	48.67 -0.02 0.00	43.54 0.00 0.00	40.18 0.02 0.00	42.14 0.01 0.00	48.18 0.03 0.00	64.27 0.03 0.00	68.78 -0.25 0.00	64.07 -0.39 0.00	56.17 -0.39 0.00	52.89 -0.35 0.00	54.61 -0.27 0.00	50.65 -0.23 0.00	52.81 -0.34 0.00	52.25 -0.64 0.00
MAPLE_RIDGE_WT_2 323611	73.92 -0.81 0.00	56.68 -0.62 0.00	56.40 -0.52 0.00	57.62 -0.41 0.00	56.39 -0.39 0.00	59.95 -0.43 0.00	59.67 -0.52 0.00	63.85 -0.39 0.00	61.77 -0.40 0.00	48.50 -0.15 0.00	48.67 -0.02 0.00	43.54 0.00 0.00	40.18 0.02 0.00	42.14 0.01 0.00	48.18 0.03 0.00	64.27 0.03 0.00	68.78 -0.25 0.00	64.07 -0.39 0.00	56.17 -0.39 0.00	52.89 -0.35 0.00	54.61 -0.27 0.00	50.65 -0.23 0.00	52.81 -0.34 0.00	52.25 -0.64 0.00
MARBLE_RIVER_WT_PWR 323696	72.78 -1.95 0.00	55.75 -1.55 0.00	55.46 -1.46 0.00	57.01 -1.02 0.00	55.62 -1.16 0.00	59.04 -1.33 0.00	58.37 -1.81 0.00	62.81 -1.43 0.00	61.02 -1.15 0.00	48.73 0.07 0.00	49.32 0.63 0.00	44.15 0.61 0.00	40.71 0.55 0.00	42.67 0.54 0.00	48.95 0.79 0.00	65.53 1.28 0.00	69.57 0.55 0.00	64.36 -0.11 0.00	56.29 -0.26 0.00	53.26 0.02 0.00	55.19 0.31 0.00	51.19 0.31 0.00	53.63 0.48 0.00	53.48 0.58 0.00
MARSHVLE_115KV_TB1 80742	78.51 3.78 0.00	60.10 2.80 0.00	59.76 2.84 0.00	60.98 2.95 0.00	59.77 2.99 0.00	63.63 3.26 0.00	63.48 3.30 0.00	67.89 3.65 0.00	65.34 3.17 0.00	50.43 1.78 0.00	50.39 1.70 0.00	45.10 1.56 0.00	41.64 1.48 0.00	43.70 1.57 0.00	50.26 2.11 0.00	67.70 3.46 0.00	73.26 4.25 0.01	68.60 4.14 0.00	60.11 3.56 0.00	56.42 3.18 0.00	58.13 3.25 0.00	53.80 2.93 0.00	55.81 2.66 0.00	55.41 2.52 0.00
MARSH_HILL_WT_PWR 323713	76.27 1.54 0.00	58.33 1.03 0.00	58.21 1.29 0.00	59.11 1.07 0.00	57.82 1.04 0.00	61.21 0.83 0.00	60.57 0.39 0.00	63.09 -1.15 0.00	60.52 -1.65 0.00	46.48 -2.18 0.00	45.81 -2.87 0.00	40.91 -2.63 0.00	37.93 -2.23 0.00	39.88 -2.25 0.00	45.93 -2.23 0.00	62.19 -2.06 0.00	66.91 -1.92 0.19	61.74 -2.72 0.00	53.87 -2.68 0.00	50.19 -3.04 0.00	51.84 -3.05 0.00	47.42 -3.46 0.00	49.14 -4.00 0.00	48.75 -4.15 0.00
MCINTYRE_115KV_TB2 80467	77.92 3.19 0.00	59.98 2.68 0.00	59.74 2.82 0.00	61.25 3.22 0.00	60.05 3.27 0.00	62.99 2.62 0.00	59.89 -0.30 0.00	63.98 -0.26 0.00	61.76 -0.42 0.00	47.41 -1.25 0.00	46.64 -2.04 0.00	42.00 -1.54 0.00	38.59 -1.57 0.00	40.22 -1.91 0.00	46.08 -2.07 0.00	63.42 -0.82 0.00	69.31 0.29 0.00	65.30 0.83 0.00	57.12 0.57 0.00	53.82 0.58 0.00	55.52 0.63 0.00	51.30 0.42 0.00	54.50 1.35 0.00	56.23 3.34 0.00
MECO_____69_KV_BK1 80468	80.15 5.42 0.00	61.40 4.10 0.00	61.02 4.10 0.00	62.24 4.21 0.00	60.93 4.15 0.00	64.90 4.52 0.00	64.85 4.66 0.00	69.30 5.06 0.00	66.54 4.37 0.00	50.94 2.28 0.00	50.46 1.78 0.00	44.99 1.45 0.00	41.47 1.31 0.00	43.52 1.39 0.00	50.20 2.05 0.00	68.37 4.13 0.00	74.72 5.70 0.00	70.10 5.64 0.00	61.46 4.92 0.00	57.70 4.47 0.00	59.34 4.46 0.00	54.90 4.02 0.00	57.05 3.90 0.00	56.62 3.73 0.00
MENANDS___115KV_TB5 355628	77.90 3.18 0.00	59.96 2.66 0.00	59.54 2.62 0.00	60.69 2.66 0.00	59.21 2.42 0.00	63.00 2.63 0.00	62.92 2.74 0.00	66.99 2.75 0.00	64.85 2.68 0.00	50.60 1.94 0.00	50.38 1.70 0.00	45.00 1.46 0.00	41.52 1.36 0.00	43.55 1.43 0.00	49.58 1.43 0.00	66.17 1.92 0.00	71.58 2.56 0.00	67.08 2.62 0.00	58.90 2.36 0.00	55.53 2.30 0.00	57.00 2.11 0.00	52.90 2.02 0.00	55.47 2.32 0.00	55.22 2.33 0.00
MG INDUSTRY___DRP 24185	77.62 2.90 0.00	59.69 2.40 0.00	59.31 2.39 0.00	60.44 2.40 0.00	59.01 2.23 0.00	62.79 2.42 0.00	62.70 2.51 0.00	66.75 2.51 0.00	64.51 2.34 0.00	50.17 1.51 0.00	49.95 1.26 0.00	44.64 1.10 0.00	41.18 1.02 0.00	43.17 1.04 0.00	49.22 1.06 0.00	65.90 1.66 0.00	71.25 2.23 0.00	66.73 2.26 0.00	58.61 2.06 0.00	55.19 1.95 0.00	56.69 1.81 0.00	52.59 1.71 0.00	55.11 1.97 0.00	54.88 1.99 0.00

MID___OSWEGATCHIE_HYD 23849	74.73 0.00 0.00	57.59 0.30 0.00	57.40 0.48 0.00	58.84 0.80 0.00	57.73 0.95 0.00	60.91 0.54 0.00	59.00 -1.18 0.00	63.02 -1.22 0.00	61.00 -1.17 0.00	47.52 -1.14 0.00	47.28 -1.40 0.00	42.47 -1.06 0.00	39.03 -1.14 0.00	40.74 -1.39 0.00	46.71 -1.44 0.00	63.43 -0.81 0.00	68.26 -0.77 0.00	64.08 -0.38 0.00	56.08 -0.46 0.00	52.83 -0.41 0.00	54.37 -0.51 0.00	50.26 -0.62 0.00	53.05 -0.10 0.00	53.86 0.97 0.00
MID___RAQUETTE_HYD 23851	74.99 0.26 0.00	57.73 0.44 0.00	57.50 0.58 0.00	58.98 0.95 0.00	57.79 1.01 0.00	60.56 0.18 0.00	57.58 -2.61 0.00	61.42 -2.82 0.00	59.43 -2.74 0.00	46.49 -2.17 0.00	46.23 -2.45 0.00	41.69 -1.85 0.00	38.29 -1.87 0.00	39.96 -2.16 0.00	45.82 -2.33 0.00	62.40 -1.84 0.00	66.65 -2.37 0.00	62.53 -1.94 0.00	54.69 -1.85 0.00	51.59 -1.64 0.00	53.21 -1.68 0.00	49.22 -1.66 0.00	52.41 -0.74 0.00	54.08 1.19 0.00
MILLIKEN___1 23584	76.71 1.97 0.00	58.68 1.39 0.00	58.38 1.46 0.00	59.48 1.45 0.00	58.21 1.43 0.00	61.90 1.52 0.00	61.75 1.57 0.00	65.60 1.36 0.00	63.45 1.28 0.00	49.05 0.40 0.00	48.59 -0.10 0.00	43.39 -0.15 0.00	40.03 -0.13 0.00	41.97 -0.16 0.00	48.13 -0.03 0.00	64.62 0.37 0.00	70.24 1.24 0.02	65.82 1.36 0.00	57.90 1.35 0.00	54.44 1.21 0.00	55.99 1.10 0.00	51.63 0.75 0.00	53.84 0.70 0.00	53.54 0.65 0.00
MILLIKEN___2 23585	76.71 1.97 0.00	58.68 1.39 0.00	58.38 1.46 0.00	59.48 1.45 0.00	58.21 1.43 0.00	61.90 1.52 0.00	61.75 1.57 0.00	65.60 1.36 0.00	63.45 1.28 0.00	49.05 0.40 0.00	48.59 -0.10 0.00	43.39 -0.15 0.00	40.03 -0.13 0.00	41.97 -0.16 0.00	48.13 -0.03 0.00	64.62 0.37 0.00	70.24 1.24 0.02	65.82 1.36 0.00	57.90 1.35 0.00	54.44 1.21 0.00	55.99 1.10 0.00	51.63 0.75 0.00	53.84 0.70 0.00	53.54 0.65 0.00
MILLIKEN___DIESEL 23629	76.71 1.97 0.00	58.68 1.39 0.00	58.38 1.46 0.00	59.48 1.45 0.00	58.21 1.43 0.00	61.90 1.52 0.00	61.75 1.57 0.00	65.60 1.36 0.00	63.45 1.28 0.00	49.05 0.40 0.00	48.59 -0.10 0.00	43.39 -0.15 0.00	40.03 -0.13 0.00	41.97 -0.16 0.00	48.13 -0.03 0.00	64.62 0.37 0.00	70.24 1.24 0.02	65.82 1.36 0.00	57.90 1.35 0.00	54.44 1.21 0.00	55.99 1.10 0.00	51.63 0.75 0.00	53.84 0.70 0.00	53.54 0.65 0.00
MILLSEAT___LFGE 323607	73.64 -1.09 0.00	56.60 -0.69 0.00	56.48 -0.44 0.00	57.26 -0.77 0.00	56.13 -0.65 0.00	59.44 -0.94 0.00	58.26 -1.93 0.00	60.06 -4.18 0.00	58.08 -4.09 0.00	45.52 -3.14 0.00	45.33 -3.35 0.00	40.79 -2.75 0.00	37.89 -2.27 0.00	39.79 -2.34 0.00	45.27 -2.89 0.00	60.19 -4.05 0.00	64.29 -4.48 0.26	60.39 -4.08 0.00	52.87 -3.68 0.00	49.58 -3.65 0.00	51.18 -3.70 0.00	47.37 -3.51 0.00	49.85 -3.30 0.00	49.90 -2.99 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	79.20 4.47 0.00	61.04 3.75 0.00	60.46 3.54 0.00	61.70 3.67 0.00	60.26 3.47 0.00	64.04 3.67 0.00	64.17 3.98 0.00	68.49 4.25 0.00	66.46 4.29 0.00	51.89 3.24 0.00	51.59 2.91 0.00	51.46 2.63 -5.29	42.64 2.29 -0.19	48.71 2.42 -4.16	50.89 2.74 0.00	67.59 3.35 0.00	73.45 4.43 0.01	69.28 4.81 0.00	60.81 4.27 0.00	57.15 3.92 0.00	58.54 3.65 0.00	54.29 3.41 0.00	56.53 3.38 0.00	56.25 3.35 0.00
MILLWOOD_13_KV_LOAD 356217	79.33 4.60 0.00	61.13 3.83 0.00	60.54 3.62 0.00	61.78 3.75 0.00	60.34 3.56 0.00	64.15 3.77 0.00	64.28 4.10 0.00	68.60 4.36 0.00	66.58 4.41 0.00	51.97 3.32 0.00	51.67 2.98 0.00	51.52 2.69 -5.29	42.69 2.35 -0.19	48.78 2.49 -4.16	50.96 2.81 0.00	67.69 3.45 0.00	73.58 4.56 0.01	69.41 4.95 0.00	60.92 4.38 0.00	57.26 4.03 0.00	58.65 3.76 0.00	54.39 3.51 0.00	56.62 3.47 0.00	56.32 3.43 0.00
MODEL_CITY_ENERGY 24167	71.30 -3.43 0.00	54.93 -2.37 0.00	54.89 -2.03 0.00	55.60 -2.43 0.00	54.48 -2.31 0.00	57.61 -2.76 0.00	56.23 -3.96 0.00	57.51 -6.73 0.00	55.60 -6.57 0.00	43.83 -4.82 0.00	43.89 -4.79 0.00	39.59 -3.95 0.00	36.84 -3.32 0.00	38.59 -3.53 0.00	43.94 -4.22 0.00	58.09 -6.15 0.00	61.40 -7.25 0.37	57.64 -6.82 0.00	50.48 -6.07 0.00	47.38 -5.85 0.00	48.95 -5.93 0.00	45.40 -5.48 0.00	47.92 -5.22 0.00	48.10 -4.79 0.00
MODERN_LFGE___ 323580	71.30 -3.43 0.00	54.93 -2.37 0.00	54.89 -2.03 0.00	55.60 -2.43 0.00	54.48 -2.31 0.00	57.61 -2.76 0.00	56.23 -3.96 0.00	57.51 -6.73 0.00	55.60 -6.57 0.00	43.83 -4.82 0.00	43.89 -4.79 0.00	39.59 -3.95 0.00	36.84 -3.32 0.00	38.59 -3.53 0.00	43.94 -4.22 0.00	58.09 -6.15 0.00	61.40 -7.25 0.37	57.64 -6.82 0.00	50.48 -6.07 0.00	47.38 -5.85 0.00	48.95 -5.93 0.00	45.40 -5.48 0.00	47.92 -5.22 0.00	48.10 -4.79 0.00
MOHAWK_PAPER___DRP 24187	78.20 3.47 0.00	60.17 2.87 0.00	59.73 2.81 0.00	60.88 2.84 0.00	59.39 2.61 0.00	63.22 2.84 0.00	63.14 2.96 0.00	67.24 3.00 0.00	65.08 2.91 0.00	50.73 2.08 0.00	50.50 1.82 0.00	45.09 1.55 0.00	41.61 1.45 0.00	43.65 1.53 0.00	49.76 1.61 0.00	66.47 2.23 0.00	71.97 2.95 0.00	67.46 3.00 0.00	59.24 2.69 0.00	55.81 2.58 0.00	57.31 2.42 0.00	53.15 2.27 0.00	55.68 2.53 0.00	55.41 2.51 0.00
MOHICAN___35_KV_115KV_LD 80490	80.81 6.08 0.00	62.07 4.77 0.00	61.64 4.72 0.00	62.75 4.72 0.00	61.33 4.55 0.00	65.29 4.91 0.00	65.27 5.08 0.00	69.49 5.25 0.00	66.90 4.73 0.00	51.65 2.99 0.00	51.04 2.36 0.00	45.26 1.72 0.00	41.70 1.54 0.00	43.86 1.73 0.00	50.30 2.15 0.00	67.57 3.33 0.00	73.54 4.52 0.00	68.91 4.44 0.00	60.55 4.00 0.00	56.95 3.71 0.00	58.42 3.54 0.00	54.16 3.28 0.00	56.51 3.36 0.00	56.15 3.26 0.00
MONGAUP___HYD 23641	79.50 4.77 0.00	61.19 3.90 0.00	60.58 3.66 0.00	61.80 3.77 0.00	60.37 3.58 0.00	64.24 3.87 0.00	64.39 4.21 0.00	68.77 4.53 0.00	66.56 4.39 0.00	51.59 2.94 0.00	51.00 2.32 0.00	41.68 1.90 3.77	41.60 1.57 0.13	41.00 1.83 2.96	50.41 2.25 0.00	67.58 3.34 0.00	73.91 4.90 0.01	69.53 5.07 0.00	61.05 4.50 0.00	57.38 4.14 0.00	58.82 3.94 0.00	54.50 3.62 0.00	56.72 3.57 0.00	56.35 3.46 0.00
MONTAUK___DIESEL 23721	83.67 8.94 0.00	64.17 6.88 0.00	63.59 6.67 0.00	65.46 7.42 0.00	63.79 7.00 0.00	68.00 7.63 0.00	68.61 8.43 0.00	72.97 8.73 0.00	70.33 8.16 0.00	54.06 5.40 0.00	54.05 5.36 0.00	53.40 4.86 -4.99	44.50 4.17 -0.18	51.11 5.05 -3.92	54.58 6.43 0.00	73.33 9.09 0.00	83.32 11.09 -3.21	76.91 11.48 -0.97	66.54 9.99 -0.01	108.78 9.31 -46.23	63.73 8.84 0.00	81.65 8.10 -22.67	61.19 8.05 0.00	60.68 7.79 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	76.55 1.82 0.00	58.60 1.31 0.00	58.40 1.49 0.00	59.02 0.99 0.00	57.51 0.73 0.00	60.63 0.26 0.00	59.21 -0.97 0.00	60.88 -3.36 0.00	58.43 -3.74 0.00	45.97 -2.69 0.00	46.00 -2.69 0.00	41.71 -1.84 0.00	39.01 -1.15 0.00	41.14 -0.99 0.00	47.14 -1.02 0.00	62.48 -1.76 0.00	65.69 -2.97 0.36	61.06 -3.40 0.00	52.83 -3.71 0.00	49.09 -4.15 0.00	50.38 -4.51 0.00	46.51 -4.37 0.00	48.76 -4.39 0.00	48.71 -4.19 0.00

MORRIS_RIDGE___SOLAR 323848	74.54 -0.19 0.00	57.10 -0.20 0.00	57.02 0.09 0.00	57.84 -0.19 0.00	56.56 -0.22 0.00	59.92 -0.46 0.00	59.06 -1.12 0.00	61.36 -2.88 0.00	59.06 -3.11 0.00	45.54 -3.11 0.00	45.10 -3.59 0.00	40.56 -2.98 0.00	37.62 -2.54 0.00	39.43 -2.69 0.00	45.26 -2.90 0.00	60.96 -3.28 0.00	65.19 -3.58 0.25	60.60 -3.86 0.00	53.00 -3.55 0.00	49.57 -3.67 0.00	51.17 -3.71 0.00	47.00 -3.88 0.00	49.10 -4.04 0.00	49.00 -3.89 0.00
MORTIMER_115KV_TB3 55949	73.56 -1.17 0.00	56.43 -0.86 0.00	56.27 -0.65 0.00	57.14 -0.89 0.00	55.94 -0.84 0.00	59.36 -1.01 0.00	58.58 -1.61 0.00	61.34 -2.91 0.00	59.36 -2.81 0.00	46.49 -2.17 0.00	46.47 -2.22 0.00	41.65 -1.89 0.00	38.59 -1.57 0.00	40.35 -1.78 0.00	46.16 -1.99 0.00	61.61 -2.64 0.00	66.06 -2.98 -0.02	61.74 -2.72 0.00	54.05 -2.50 0.00	50.75 -2.49 0.00	52.32 -2.57 0.00	48.42 -2.46 0.00	50.75 -2.39 0.00	50.73 -2.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	79.72 4.99 0.00	61.46 4.17 0.00	60.88 3.96 0.00	62.11 4.07 0.00	60.66 3.88 0.00	64.42 4.05 0.00	64.55 4.36 0.00	68.90 4.66 0.00	66.93 4.76 0.00	52.38 3.72 0.00	52.08 3.39 0.00	51.64 3.10 -5.00	43.10 2.76 -0.18	48.95 2.89 -3.93	51.39 3.24 0.00	68.12 3.87 0.00	74.01 4.99 0.01	69.83 5.36 0.00	61.32 4.77 0.00	57.64 4.40 0.00	58.99 4.11 0.00	54.72 3.84 0.00	56.98 3.83 0.00	56.68 3.79 0.00
MUNSVILLE_WIND_PWR 323609	82.86 8.14 0.00	63.38 6.09 0.00	62.99 6.06 0.00	64.33 6.30 0.00	63.03 6.25 0.00	67.29 6.92 0.00	67.39 7.20 0.00	71.92 7.68 0.00	69.47 7.30 0.00	53.28 4.63 0.00	52.40 3.72 0.00	46.65 3.11 0.00	42.94 2.78 0.00	45.03 2.90 0.00	51.77 3.61 0.00	70.14 5.90 0.00	76.75 7.76 0.04	72.22 7.76 0.00	63.45 6.90 0.00	59.58 6.34 0.00	61.02 6.13 0.00	55.88 5.00 0.00	57.70 4.55 0.00	57.01 4.12 0.00
N SALMON___HYD 24042	74.78 0.04 0.00	57.26 -0.03 0.00	56.97 0.05 0.00	58.56 0.52 0.00	57.22 0.43 0.00	60.56 0.19 0.00	59.28 -0.91 0.00	63.72 -0.52 0.00	61.82 -0.35 0.00	49.14 0.48 0.00	49.52 0.84 0.00	44.33 0.78 0.00	40.75 0.59 0.00	42.62 0.49 0.00	48.89 0.73 0.00	65.74 1.50 0.00	69.95 0.93 0.00	65.02 0.55 0.00	56.88 0.33 0.00	53.77 0.53 0.00	55.66 0.77 0.00	51.56 0.68 0.00	54.22 1.07 0.00	54.53 1.64 0.00
N.AKRON__115KV_KNAPP 355671	73.20 -1.53 0.00	56.28 -1.01 0.00	56.25 -0.67 0.00	56.98 -1.06 0.00	55.80 -0.98 0.00	59.10 -1.27 0.00	57.84 -2.35 0.00	59.54 -4.70 0.00	57.44 -4.73 0.00	45.14 -3.52 0.00	44.96 -3.73 0.00	40.45 -3.09 0.00	37.72 -2.44 0.00	39.86 -2.27 0.00	45.05 -3.11 0.00	59.72 -4.52 0.00	63.66 -5.08 0.28	59.75 -4.72 0.00	52.33 -4.21 0.00	49.08 -4.16 0.00	50.68 -4.21 0.00	46.93 -3.95 0.00	49.38 -3.76 0.00	49.50 -3.39 0.00
N.BELMOR_69_KV_BK1 55787	80.76 6.02 0.00	62.34 5.05 0.00	61.77 4.85 0.00	63.15 5.12 0.00	61.60 4.82 0.00	65.53 5.15 0.00	65.72 5.53 0.00	70.14 5.90 0.00	68.02 5.85 0.00	52.87 4.22 0.00	52.57 3.89 0.00	51.92 3.39 -4.99	43.26 2.92 -0.18	49.31 3.25 -3.92	52.11 3.96 0.00	69.38 5.14 0.00	78.49 6.26 -3.21	72.08 6.64 -0.97	62.34 5.79 -0.01	104.94 5.48 -46.23	60.17 5.28 0.00	78.46 4.92 -22.67	57.99 4.84 0.00	57.64 4.75 0.00
N.E_GEN_SANDY PD 24062	79.86 4.25 -0.88	63.23 3.51 -2.42	61.73 3.41 -1.40	67.67 3.48 -6.15	66.22 3.25 -6.19	71.51 3.49 -7.65	78.96 3.67 -15.10	86.12 3.78 -18.10	78.29 3.69 -12.43	51.37 2.72 0.00	51.14 2.45 0.00	46.81 2.12 -1.14	42.10 1.90 -0.04	45.30 2.05 -1.11	50.38 2.22 0.00	66.40 2.90 0.74	77.06 3.81 -4.22	71.29 3.96 -2.86	65.30 3.55 -5.21	59.41 3.34 -2.84	58.99 3.15 -0.96	53.80 2.92 0.00	57.47 3.03 -1.30	59.10 3.02 -3.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	78.64 3.92 0.00	60.62 3.33 0.00	60.01 3.09 0.00	61.26 3.23 0.00	59.83 3.05 0.00	63.63 3.26 0.00	63.79 3.60 0.00	68.08 3.84 0.00	66.05 3.88 0.00	51.53 2.88 0.00	51.23 2.54 0.00	38.80 2.30 7.04	41.89 1.97 0.25	38.68 2.08 5.53	50.49 2.33 0.00	67.09 2.84 0.00	72.91 3.90 0.01	68.80 4.34 0.00	60.40 3.85 0.00	56.78 3.54 0.00	58.16 3.28 0.00	53.96 3.08 0.00	56.16 3.01 0.00	55.88 2.99 0.00
N.QUEENS_27_KV_LOAD 356247	79.67 4.94 0.00	61.50 4.21 0.00	60.93 4.00 0.00	62.07 4.04 0.00	60.71 3.93 0.00	64.44 4.06 0.00	64.60 4.42 0.00	68.99 4.75 0.00	67.06 4.88 0.00	52.53 3.87 0.00	52.28 3.60 0.00	51.83 3.29 -5.01	43.27 2.93 -0.18	49.11 3.05 -3.93	51.54 3.38 0.00	68.28 4.03 0.00	74.17 5.16 0.01	70.04 5.58 0.00	61.53 4.98 0.00	57.81 4.57 0.00	59.15 4.27 0.00	54.93 4.05 0.00	57.09 3.94 0.00	56.81 3.91 0.00
N.TROY___115KV_TB1 355778	78.45 3.72 0.00	60.34 3.05 0.00	59.90 2.98 0.00	61.05 3.01 0.00	59.60 2.82 0.00	63.45 3.08 0.00	63.38 3.19 0.00	67.46 3.22 0.00	65.24 3.07 0.00	50.81 2.16 0.00	50.57 1.89 0.00	45.10 1.57 0.00	41.62 1.46 0.00	43.70 1.58 0.00	49.90 1.75 0.00	66.69 2.45 0.00	72.25 3.22 0.00	67.72 3.26 0.00	59.47 2.92 0.00	56.02 2.78 0.00	57.53 2.64 0.00	53.33 2.45 0.00	55.76 2.62 0.00	55.49 2.60 0.00
NARROWS_GT1_1 24228	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT1_2 24229	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT1_3 24230	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT1_4 24231	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00

NARROWS_GT1_5 24232	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT1_6 24233	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT1_7 24234	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT1_8 24235	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT2_1 24236	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT2_2 24237	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT2_3 24238	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT2_4 24239	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT2_5 24240	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT2_6 24241	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT2_7 24242	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NARROWS_GT2_8 24243	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.20 0.00	62.30 4.26 0.00	60.88 4.09 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.93 3.39 -5.01	43.43 3.09 -0.18	49.25 3.19 -3.93	51.67 3.52 0.00	68.23 3.99 0.00	74.02 5.01 0.01	69.92 5.46 0.00	61.42 4.87 0.00	57.74 4.51 0.00	59.11 4.22 0.00	54.92 4.03 0.00	57.18 4.04 0.00	56.92 4.03 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	80.08 5.34 0.00	61.52 4.23 0.00	61.13 4.21 0.00	62.29 4.26 0.00	60.83 4.05 0.00	64.82 4.44 0.00	64.81 4.62 0.00	69.04 4.80 0.00	66.74 4.57 0.00	51.64 2.99 0.00	51.10 2.42 0.00	45.51 1.97 0.00	41.93 1.77 0.00	43.98 1.85 0.00	50.23 2.07 0.00	67.65 3.41 0.00	73.67 4.65 0.00	69.16 4.70 0.00	60.71 4.17 0.00	57.14 3.90 0.00	58.62 3.74 0.00	54.34 3.46 0.00	56.92 3.77 0.00	56.60 3.71 0.00
NCHELSEA_115KV_TR2 355582	80.31 5.58 0.00	61.84 4.54 0.00	61.25 4.33 0.00	62.52 4.48 0.00	61.07 4.29 0.00	64.94 4.57 0.00	65.09 4.90 0.00	69.49 5.25 0.00	67.36 5.19 0.00	52.49 3.84 0.00	52.14 3.46 0.00	46.59 3.04 0.00	42.81 2.65 0.00	44.96 2.83 0.00	51.39 3.24 0.00	68.45 4.21 0.00	74.46 5.44 0.01	70.22 5.76 0.00	61.65 5.10 0.00	57.93 4.70 0.00	59.36 4.47 0.00	55.01 4.13 0.00	57.25 4.10 0.00	56.92 4.02 0.00
NEG CAPITAL___MECHNVIL 23645	79.69 4.96 0.00	61.23 3.94 0.00	60.80 3.88 0.00	61.95 3.91 0.00	60.55 3.77 0.00	64.46 4.09 0.00	64.40 4.22 0.00	68.58 4.35 0.00	66.26 4.09 0.00	51.42 2.76 0.00	51.07 2.39 0.00	45.51 1.97 0.00	41.97 1.82 0.00	44.10 1.97 0.00	50.49 2.34 0.00	67.68 3.44 0.00	73.38 4.36 0.00	68.80 4.34 0.00	60.40 3.86 0.00	56.84 3.61 0.00	58.36 3.48 0.00	54.07 3.19 0.00	56.43 3.29 0.00	56.13 3.24 0.00



NEG CENTRAL_HIGH_ACRES 23767	72.61 -2.12 0.00	55.68 -1.61 0.00	55.47 -1.46 0.00	56.36 -1.67 0.00	55.19 -1.59 0.00	58.62 -1.76 0.00	58.01 -2.17 0.00	60.99 -3.25 0.00	58.99 -3.18 0.00	46.16 -2.49 0.00	46.06 -2.62 0.00	41.28 -2.27 0.00	38.17 -1.99 0.00	39.90 -2.23 0.00	45.71 -2.45 0.00	61.11 -3.13 0.00	65.65 -3.40 -0.03	61.38 -3.09 0.00	53.72 -2.82 0.00	50.46 -2.77 0.00	52.01 -2.88 0.00	48.09 -2.79 0.00	50.36 -2.79 0.00	50.25 -2.64 0.00
NEG CENTRAL____DRP 24199	75.13 0.40 0.00	57.56 0.27 0.00	57.34 0.42 0.00	58.34 0.30 0.00	57.07 0.29 0.00	60.67 0.30 0.00	60.39 0.21 0.00	63.84 -0.40 0.00	61.70 -0.48 0.00	47.92 -0.74 0.00	47.71 -0.98 0.00	42.63 -0.91 0.00	39.49 -0.67 0.00	41.35 -0.78 0.00	47.35 -0.81 0.00	63.29 -0.95 0.00	68.70 -0.32 0.00	64.13 -0.33 0.00	56.13 -0.41 0.00	52.74 -0.49 0.00	54.30 -0.58 0.00	50.06 -0.82 0.00	52.27 -0.87 0.00	52.06 -0.83 0.00
NEG CENTRAL____INDECK 23768	75.53 0.80 0.00	57.50 0.21 0.00	57.27 0.35 0.00	58.12 0.09 0.00	56.96 0.18 0.00	60.37 0.00 0.00	59.74 -0.44 0.00	62.43 -1.81 0.00	60.30 -1.87 0.00	46.46 -2.19 0.00	45.74 -2.95 0.00	40.81 -2.73 0.00	37.75 -2.41 0.00	39.49 -2.64 0.00	45.29 -2.86 0.00	61.09 -3.15 0.00	66.50 -2.41 0.11	62.26 -2.20 0.00	54.49 -2.05 0.00	51.07 -2.17 0.00	52.58 -2.30 0.00	48.40 -2.48 0.00	50.55 -2.60 0.00	51.41 -1.48 0.00
NEG CENTRAL____SENECA 23627	75.37 0.64 0.00	57.76 0.47 0.00	57.60 0.68 0.00	58.59 0.55 0.00	57.32 0.54 0.00	60.88 0.51 0.00	60.59 0.40 0.00	63.86 -0.38 0.00	61.69 -0.48 0.00	47.91 -0.75 0.00	47.39 -1.30 0.00	42.37 -1.17 0.00	39.11 -1.05 0.00	40.99 -1.14 0.00	47.01 -1.15 0.00	63.43 -0.82 0.00	68.69 -0.30 0.03	64.04 -0.43 0.00	56.09 -0.46 0.00	52.63 -0.61 0.00	54.17 -0.71 0.00	49.89 -0.99 0.00	52.07 -1.07 0.00	51.89 -1.00 0.00
NEG CENTRAL____STATE_STREET 24147	75.50 0.77 0.00	57.66 0.36 0.00	57.36 0.44 0.00	58.39 0.35 0.00	57.15 0.37 0.00	60.76 0.39 0.00	60.52 0.34 0.00	64.25 0.01 0.00	62.13 -0.04 0.00	48.13 -0.52 0.00	47.90 -0.78 0.00	42.81 -0.73 0.00	39.65 -0.51 0.00	41.53 -0.61 0.00	47.56 -0.60 0.00	63.55 -0.69 0.00	68.98 -0.04 0.00	64.62 0.15 0.00	56.73 0.18 0.00	53.46 0.22 0.00	55.07 0.18 0.00	50.80 -0.08 0.00	53.05 -0.10 0.00	52.82 -0.07 0.00
NEG MILLWOOD____DRP 24198	80.59 5.86 0.00	62.07 4.77 0.00	61.49 4.57 0.00	62.75 4.72 0.00	61.31 4.53 0.00	65.19 4.81 0.00	65.34 5.16 0.00	69.79 5.55 0.00	67.68 5.51 0.00	52.79 4.13 0.00	52.43 3.75 -1.29	48.16 3.33 -0.05	43.13 2.93 0.00	46.24 3.10 -1.01	51.69 3.54 0.00	68.77 4.53 0.00	74.76 5.75 0.01	70.54 6.08 0.00	61.93 5.39 0.00	58.18 4.95 0.00	59.63 4.74 0.00	55.24 4.36 0.00	57.50 4.36 0.00	57.15 4.26 0.00
NEG NORTH_FLCN_SEA 23793	72.02 -2.71 0.00	55.48 -1.81 0.00	55.18 -1.75 0.00	56.98 -1.05 0.00	55.29 -1.49 0.00	58.68 -1.70 0.00	57.76 -2.43 0.00	62.29 -1.95 0.00	60.78 -1.39 0.00	49.01 0.35 0.00	49.69 1.00 0.00	44.48 0.94 0.00	41.01 0.86 0.00	43.00 0.87 0.00	49.35 1.19 0.00	66.21 1.97 0.00	70.25 1.23 0.00	64.70 0.23 0.00	56.57 0.03 0.00	53.73 0.49 0.00	55.71 0.82 0.00	51.58 0.70 0.00	54.09 0.94 0.00	53.92 1.03 0.00
NEG NORTH_KES_CHATEGAY 23792	73.00 -1.73 0.00	55.86 -1.44 0.00	55.57 -1.35 0.00	57.14 -0.89 0.00	55.76 -1.03 0.00	59.17 -1.20 0.00	58.44 -1.75 0.00	62.92 -1.31 0.00	61.12 -1.05 0.00	48.79 0.14 0.00	49.39 0.70 0.00	44.17 0.63 0.00	40.73 0.57 0.00	42.68 0.55 0.00	48.95 0.80 0.00	65.60 1.36 0.00	69.59 0.57 0.00	64.39 -0.07 0.00	56.28 -0.27 0.00	53.27 0.03 0.00	55.24 0.36 0.00	51.24 0.36 0.00	53.70 0.55 0.00	53.62 0.73 0.00
NEG NORTH____ALICE_FALLS 23915	73.29 -1.44 0.00	56.27 -1.03 0.00	55.94 -0.98 0.00	57.63 -0.40 0.00	56.08 -0.70 0.00	59.57 -0.81 0.00	58.75 -1.43 0.00	63.32 -0.92 0.00	61.65 -0.52 0.00	49.44 0.78 0.00	50.05 1.36 0.00	44.78 1.24 0.00	41.27 1.11 0.00	43.26 1.13 0.00	49.68 1.53 0.00	66.66 2.42 0.00	70.81 1.79 0.00	65.43 0.97 0.00	57.20 0.66 0.00	54.26 1.02 0.00	56.19 1.31 0.00	52.05 1.17 0.00	54.55 1.40 0.00	54.38 1.49 0.00
NEG NORTH____LWR_SARANAC 23913	73.29 -1.44 0.00	56.27 -1.03 0.00	55.94 -0.98 0.00	57.63 -0.40 0.00	56.08 -0.70 0.00	59.57 -0.81 0.00	58.75 -1.43 0.00	63.32 -0.92 0.00	61.65 -0.52 0.00	49.44 0.78 0.00	50.05 1.36 0.00	44.78 1.24 0.00	41.27 1.11 0.00	43.26 1.13 0.00	49.68 1.53 0.00	66.66 2.42 0.00	70.81 1.79 0.00	65.43 0.97 0.00	57.20 0.66 0.00	54.26 1.02 0.00	56.19 1.31 0.00	52.05 1.17 0.00	54.55 1.40 0.00	54.38 1.49 0.00
NEG NORTH____PLATTSBURG 23628	73.29 -1.44 0.00	56.27 -1.03 0.00	55.94 -0.98 0.00	57.63 -0.40 0.00	56.08 -0.70 0.00	59.57 -0.81 0.00	58.76 -1.43 0.00	63.32 -0.92 0.00	61.64 -0.53 0.00	49.44 0.78 0.00	50.05 1.36 0.00	44.78 1.24 0.00	41.27 1.11 0.00	43.26 1.13 0.00	49.68 1.53 0.00	66.66 2.42 0.00	70.81 1.79 0.00	65.43 0.97 0.00	57.20 0.66 0.00	54.25 1.02 0.00	56.19 1.31 0.00	52.05 1.17 0.00	54.55 1.40 0.00	54.38 1.49 0.00
NEG WEST_LEA_LOCKPORT 23791	71.75 -2.98 0.00	55.17 -2.13 0.00	55.17 -1.75 0.00	55.86 -2.17 0.00	54.70 -2.08 0.00	57.87 -2.51 0.00	56.50 -3.69 0.00	57.93 -6.30 0.00	56.00 -6.17 0.00	44.13 -4.52 0.00	44.12 -4.56 0.00	39.74 -3.80 0.00	37.03 -3.13 0.00	38.80 -3.33 0.00	44.19 -3.97 0.00	58.48 -5.76 0.00	61.91 -6.77 0.34	58.05 -6.42 0.00	50.85 -5.69 0.00	47.71 -5.52 0.00	49.29 -5.59 0.00	45.68 -5.20 0.00	48.16 -4.99 0.00	48.34 -4.56 0.00
NEG WEST____LANCASTR 23811	74.45 -0.28 0.00	57.11 -0.18 0.00	57.04 0.12 0.00	57.86 -0.17 0.00	56.62 -0.17 0.00	59.91 -0.47 0.00	58.62 -1.57 0.00	60.71 -3.53 0.00	58.73 -3.44 0.00	46.09 -2.56 0.00	46.15 -2.53 0.00	41.61 -1.93 0.00	38.70 -1.46 0.00	40.51 -1.61 0.00	46.26 -1.89 0.00	61.34 -2.91 0.00	64.77 -3.90 0.35	60.66 -3.80 0.00	53.10 -3.44 0.00	49.78 -3.46 0.00	51.39 -3.49 0.00	47.50 -3.38 0.00	49.98 -3.17 0.00	50.19 -2.70 0.00
NEG_PENN_ALLEGHNY 23528	75.71 0.99 0.00	58.01 0.72 0.00	57.75 0.84 0.00	58.85 0.82 0.00	57.53 0.75 0.00	61.13 0.76 0.00	61.03 0.84 0.00	64.71 0.47 0.00	62.64 0.47 0.00	48.69 0.04 0.00	48.37 -0.31 0.00	43.33 -0.21 0.00	39.91 -0.24 0.00	41.88 -0.25 0.00	47.94 -0.21 0.00	64.16 -0.08 0.00	69.22 0.26 0.07	64.75 0.28 0.00	56.97 0.42 0.00	53.49 0.25 0.00	55.03 0.14 0.00	50.79 -0.09 0.00	52.98 -0.17 0.00	52.72 -0.17 0.00
NEG____GEN_MONROE 24207	74.12 -0.61 0.00	56.86 -0.43 0.00	56.71 -0.21 0.00	57.56 -0.48 0.00	56.37 -0.41 0.00	59.79 -0.58 0.00	58.96 -1.23 0.00	61.59 -2.65 0.00	59.58 -2.59 0.00	46.63 -2.02 0.00	46.87 -1.81 0.00	41.72 -1.83 0.00	38.65 -1.52 0.00	40.42 -1.71 0.00	46.22 -1.94 0.00	61.97 -2.27 0.00	66.31 -2.72 0.00	62.01 -2.45 0.00	54.29 -2.26 0.00	50.96 -2.28 0.00	52.53 -2.35 0.00	48.60 -2.28 0.00	50.97 -2.17 0.00	50.94 -1.95 0.00

NEPA__ENERGY 23901	74.59 -0.14 0.00	57.20 -0.09 0.00	57.11 0.19 0.00	57.81 -0.22 0.00	56.50 -0.28 0.00	59.74 -0.63 0.00	58.41 -1.78 0.00	60.12 -4.12 0.00	57.98 -4.19 0.00	45.57 -3.09 0.00	45.55 -3.13 0.00	41.08 -2.46 0.00	38.31 -1.85 0.00	40.21 -1.92 0.00	45.95 -2.21 0.00	60.99 -3.26 0.00	64.34 -4.30 0.38	60.11 -4.36 0.00	52.46 -4.09 0.00	49.03 -4.21 0.00	50.59 -4.29 0.00	46.74 -4.14 0.00	49.14 -4.01 0.00	49.21 -3.68 0.00
NEVERSink__HYD 23608	81.08 6.34 0.00	62.29 5.00 0.00	61.70 4.78 0.00	62.96 4.92 0.00	61.55 4.76 0.00	65.50 5.12 0.00	65.64 5.46 0.00	69.90 5.66 0.00	66.82 4.65 0.00	51.93 3.27 0.00	51.43 2.75 0.00	44.55 2.32 1.32	42.08 1.97 0.05	43.21 2.11 1.03	50.67 2.52 0.00	67.74 3.50 0.00	73.90 4.88 0.01	69.69 5.23 0.00	61.22 4.67 0.00	57.54 4.31 0.00	59.00 4.12 0.00	54.64 3.76 0.00	56.82 3.67 0.00	56.43 3.54 0.00
NEWKRMKL_115KV_TB1 55635	77.82 3.09 0.00	59.88 2.59 0.00	59.48 2.56 0.00	60.62 2.58 0.00	59.16 2.38 0.00	62.94 2.56 0.00	62.87 2.68 0.00	66.93 2.69 0.00	64.80 2.63 0.00	50.55 1.90 0.00	50.28 1.60 0.00	44.91 1.37 0.00	41.45 1.29 0.00	43.46 1.33 0.00	49.42 1.26 0.00	65.95 1.71 0.00	71.36 2.34 0.00	66.86 2.40 0.00	58.71 2.16 0.00	55.33 2.09 0.00	56.79 1.91 0.00	52.73 1.85 0.00	55.36 2.21 0.00	55.10 2.20 0.00
NEWTON__FALLS_HYD 23847	74.73 0.00 0.00	57.59 0.30 0.00	57.40 0.48 0.00	58.84 0.80 0.00	57.73 0.95 0.00	60.91 0.54 0.00	59.00 -1.18 0.00	63.02 -1.22 0.00	61.00 -1.17 0.00	47.52 -1.14 0.00	47.28 -1.40 0.00	42.47 -1.06 0.00	39.03 -1.14 0.00	40.74 -1.39 0.00	46.71 -1.44 0.00	63.43 -0.81 0.00	68.26 -0.77 0.00	64.08 -0.38 0.00	56.08 -0.46 0.00	52.83 -0.41 0.00	54.37 -0.51 0.00	50.26 -0.62 0.00	53.05 -0.10 0.00	53.86 0.97 0.00
NGRID_A1_DSASP 323792	71.09 -3.64 0.00	54.55 -2.74 0.00	54.51 -2.41 0.00	55.23 -2.80 0.00	54.11 -2.67 0.00	57.21 -3.17 0.00	55.79 -4.39 0.00	57.26 -6.98 0.00	55.41 -6.76 0.00	43.73 -4.92 0.00	43.90 -4.79 0.00	39.60 -3.94 0.00	36.85 -3.31 0.00	38.57 -3.56 0.00	43.95 -4.20 0.00	58.08 -6.16 0.00	61.13 -7.46 0.44	57.41 -7.05 0.00	50.28 -6.27 0.00	47.21 -6.03 0.00	48.79 -6.09 0.00	45.26 -5.61 0.00	47.82 -5.33 0.00	48.04 -4.85 0.00
NGRID_A2_DSASP 323793	71.09 -3.64 0.00	54.55 -2.74 0.00	54.51 -2.41 0.00	55.23 -2.80 0.00	54.11 -2.67 0.00	57.21 -3.17 0.00	55.79 -4.39 0.00	57.26 -6.98 0.00	55.41 -6.76 0.00	43.73 -4.92 0.00	43.90 -4.79 0.00	39.60 -3.94 0.00	36.85 -3.31 0.00	38.57 -3.56 0.00	43.95 -4.20 0.00	58.08 -6.16 0.00	61.13 -7.46 0.44	57.41 -7.05 0.00	50.28 -6.27 0.00	47.21 -6.03 0.00	48.79 -6.09 0.00	45.26 -5.61 0.00	47.82 -5.33 0.00	48.04 -4.85 0.00
NGRID_A4_DSASP 323807	71.09 -3.64 0.00	54.55 -2.74 0.00	54.51 -2.41 0.00	55.23 -2.80 0.00	54.11 -2.67 0.00	57.21 -3.17 0.00	55.79 -4.39 0.00	57.26 -6.98 0.00	55.41 -6.76 0.00	43.73 -4.92 0.00	43.90 -4.79 0.00	39.60 -3.94 0.00	36.85 -3.31 0.00	38.57 -3.56 0.00	43.95 -4.20 0.00	58.08 -6.16 0.00	61.13 -7.46 0.44	57.41 -7.05 0.00	50.28 -6.27 0.00	47.21 -6.03 0.00	48.79 -6.09 0.00	45.26 -5.61 0.00	47.82 -5.33 0.00	48.04 -4.85 0.00
NIAGARA_115E_LBMP 323715	70.94 -3.79 0.00	54.67 -2.62 0.00	54.66 -2.26 0.00	55.37 -2.67 0.00	54.25 -2.53 0.00	57.36 -3.02 0.00	55.96 -4.23 0.00	57.15 -7.08 0.00	55.23 -6.94 0.00	43.59 -5.06 0.00	43.69 -4.99 0.00	39.41 -4.13 0.00	36.67 -3.49 0.00	38.40 -3.73 0.00	43.73 -4.42 0.00	57.77 -6.47 0.00	60.97 -7.66 0.39	57.23 -7.23 0.00	50.14 -6.41 0.00	47.07 -6.16 0.00	48.64 -6.25 0.00	45.13 -5.75 0.00	47.66 -5.49 0.00	47.86 -5.04 0.00
NIAGARA_115W_LBMP 323714	70.95 -3.78 0.00	54.44 -2.85 0.00	54.42 -2.50 0.00	55.12 -2.91 0.00	54.01 -2.77 0.00	57.10 -3.28 0.00	55.69 -4.50 0.00	57.14 -7.10 0.00	55.30 -6.87 0.00	43.65 -5.00 0.00	43.81 -4.88 0.00	39.52 -4.02 0.00	36.77 -3.39 0.00	38.49 -3.64 0.00	43.85 -4.30 0.00	57.95 -6.29 0.00	60.99 -7.59 0.44	57.28 -7.18 0.00	50.18 -6.37 0.00	47.11 -6.12 0.00	48.69 -6.19 0.00	45.18 -5.70 0.00	47.73 -5.42 0.00	47.95 -4.95 0.00
NIAGARA_230_LBMP 323716	71.47 -3.26 0.00	54.89 -2.41 0.00	54.84 -2.08 0.00	55.58 -2.45 0.00	54.44 -2.34 0.00	57.57 -2.80 0.00	56.22 -3.97 0.00	57.79 -6.45 0.00	55.91 -6.26 0.00	44.06 -4.60 0.00	44.19 -4.49 0.00	39.86 -3.68 0.00	37.07 -3.09 0.00	38.79 -3.34 0.00	44.24 -3.91 0.00	58.53 -5.71 0.00	61.63 -6.92 0.48	57.92 -6.55 0.00	50.69 -5.86 0.00	47.59 -5.64 0.00	49.19 -5.70 0.00	45.60 -5.28 0.00	48.12 -5.02 0.00	48.35 -4.55 0.00
NIAGARA__115KV_198_GIBSON 55903	70.95 -3.78 0.00	54.45 -2.85 0.00	54.44 -2.48 0.00	55.14 -2.89 0.00	54.01 -2.78 0.00	57.10 -3.28 0.00	55.68 -4.51 0.00	57.13 -7.11 0.00	55.27 -6.89 0.00	43.67 -4.98 0.00	43.81 -4.87 0.00	39.46 -4.08 0.00	36.77 -3.39 0.00	38.48 -3.64 0.00	43.85 -4.30 0.00	57.94 -6.30 0.00	60.99 -7.59 0.44	57.27 -7.20 0.00	50.17 -6.37 0.00	47.11 -6.13 0.00	48.69 -6.20 0.00	45.19 -5.69 0.00	47.69 -5.45 0.00	47.94 -4.95 0.00
NIAGARA____ 23760	71.47 -3.26 0.00	54.89 -2.41 0.00	54.84 -2.08 0.00	55.58 -2.45 0.00	54.44 -2.34 0.00	57.57 -2.80 0.00	56.22 -3.97 0.00	57.79 -6.45 0.00	55.91 -6.26 0.00	44.06 -4.60 0.00	44.19 -4.49 0.00	39.86 -3.68 0.00	37.07 -3.09 0.00	38.79 -3.34 0.00	44.24 -3.91 0.00	58.53 -5.71 0.00	61.66 -6.92 0.45	57.92 -6.55 0.00	50.69 -5.86 0.00	47.59 -5.64 0.00	49.19 -5.70 0.00	45.60 -5.28 0.00	48.12 -5.02 0.00	48.35 -4.55 0.00
NINE_MILE_1 23575	72.31 -2.42 0.00	55.46 -1.83 0.00	55.13 -1.79 0.00	56.17 -1.86 0.00	54.96 -1.82 0.00	58.44 -1.93 0.00	58.20 -1.98 0.00	61.90 -2.34 0.00	59.91 -2.26 0.00	46.75 -1.91 0.00	46.68 -2.00 0.00	41.77 -1.78 0.00	38.54 -1.62 0.00	40.42 -1.71 0.00	46.20 -1.96 0.00	61.74 -2.50 0.00	66.51 -2.51 0.00	62.22 -2.25 0.00	54.59 -1.96 0.00	51.35 -1.89 0.00	52.88 -2.01 0.00	48.95 -1.93 0.00	51.13 -2.02 0.00	50.89 -2.01 0.00
NINE_MILE_2 23744	72.31 -2.42 0.00	55.46 -1.83 0.00	55.13 -1.79 0.00	56.17 -1.86 0.00	54.95 -1.83 0.00	58.44 -1.93 0.00	58.20 -1.98 0.00	61.90 -2.34 0.00	59.91 -2.26 0.00	46.75 -1.91 0.00	46.68 -2.00 0.00	41.77 -1.78 0.00	38.54 -1.62 0.00	40.42 -1.71 0.00	46.20 -1.95 0.00	61.74 -2.50 0.00	66.51 -2.51 0.00	62.22 -2.25 0.00	54.59 -1.95 0.00	51.35 -1.88 0.00	52.88 -2.01 0.00	48.95 -1.93 0.00	51.13 -2.02 0.00	50.89 -2.01 0.00
NM_CAPITAL__DRP 24208	77.81 3.09 0.00	59.89 2.60 0.00	59.48 2.56 0.00	60.62 2.58 0.00	59.14 2.36 0.00	62.94 2.56 0.00	62.85 2.67 0.00	66.91 2.67 0.00	64.78 2.61 0.00	50.54 1.89 0.00	50.32 1.64 0.00	44.95 1.40 0.00	41.47 1.31 0.00	43.49 1.36 0.00	49.49 1.34 0.00	66.03 1.79 0.00	71.43 2.40 0.00	66.95 2.48 0.00	58.78 2.24 0.00	55.42 2.18 0.00	56.88 1.99 0.00	52.80 1.92 0.00	55.39 2.25 0.00	55.14 2.25 0.00

NM_CENTRAL___DRP 24181	74.06 -0.67 0.00	56.79 -0.51 0.00	56.47 -0.46 0.00	57.50 -0.53 0.00	56.27 -0.51 0.00	59.85 -0.53 0.00	59.62 -0.56 0.00	63.33 -0.91 0.00	61.29 -0.88 0.00	47.70 -0.95 0.00	47.54 -1.14 0.00	42.54 -1.00 0.00	39.26 -0.90 0.00	41.16 -0.96 0.00	47.09 -1.07 0.00	62.99 -1.26 0.00	67.97 -1.06 0.00	63.60 -0.86 0.00	55.85 -0.70 0.00	52.46 -0.77 0.00	53.97 -0.91 0.00	49.92 -0.96 0.00	52.14 -1.01 0.00	51.89 -1.00 0.00
NM_FRONTIER___DRP 24179	70.95 -3.78 0.00	54.45 -2.85 0.00	54.44 -2.48 0.00	55.14 -2.89 0.00	54.01 -2.78 0.00	57.10 -3.28 0.00	55.68 -4.51 0.00	57.13 -7.11 0.00	55.27 -6.89 0.00	43.67 -4.98 0.00	43.81 -4.87 0.00	39.46 -4.08 0.00	36.77 -3.39 0.00	38.48 -3.64 0.00	43.85 -4.30 0.00	57.94 -6.30 0.00	60.99 -7.59 0.44	57.27 -7.20 0.00	50.17 -6.37 0.00	47.11 -6.13 0.00	48.69 -6.20 0.00	45.19 -5.69 0.00	47.69 -5.45 0.00	47.94 -4.95 0.00
NM_ST_REGIS___HYD 24053	74.94 0.21 0.00	57.60 0.31 0.00	57.35 0.43 0.00	58.87 0.84 0.00	57.66 0.87 0.00	60.55 0.18 0.00	57.97 -2.21 0.00	61.98 -2.26 0.00	60.01 -2.16 0.00	47.18 -1.47 0.00	47.12 -1.57 0.00	42.40 -1.14 0.00	38.95 -1.21 0.00	40.68 -1.45 0.00	46.64 -1.51 0.00	63.32 -0.92 0.00	67.52 -1.50 0.00	63.17 -1.30 0.00	55.25 -1.30 0.00	52.14 -1.10 0.00	53.84 -1.04 0.00	49.83 -1.04 0.00	52.90 -0.25 0.00	54.24 1.34 0.00
NORTHPORT___1 23551	81.27 6.54 0.00	62.71 5.41 0.00	62.10 5.18 0.00	63.67 5.64 0.00	62.03 5.25 0.00	66.13 5.75 0.00	66.37 6.18 0.00	70.88 6.64 0.00	68.68 6.51 0.00	53.14 4.48 0.00	52.70 4.02 0.00	52.00 3.47 -4.99	43.36 3.03 -0.18	49.51 3.46 -3.92	52.55 4.39 0.00	69.99 5.75 0.00	78.94 6.71 -3.21	72.53 7.10 -0.97	62.75 6.20 -0.01	105.45 5.98 -46.23	60.49 5.60 0.00	78.87 5.32 -22.67	58.41 5.26 0.00	58.09 5.20 0.00
NORTHPORT___2 23552	81.27 6.54 0.00	62.71 5.41 0.00	62.10 5.18 0.00	63.67 5.64 0.00	62.03 5.25 0.00	66.13 5.75 0.00	66.37 6.18 0.00	70.88 6.64 0.00	68.68 6.51 0.00	53.14 4.48 0.00	52.70 4.02 0.00	52.00 3.47 -4.99	43.36 3.03 -0.18	49.51 3.46 -3.92	52.55 4.39 0.00	69.99 5.75 0.00	78.94 6.71 -3.21	72.53 7.10 -0.97	62.75 6.20 -0.01	105.45 5.98 -46.23	60.49 5.60 0.00	78.87 5.32 -22.67	58.41 5.26 0.00	58.09 5.20 0.00
NORTHPORT___3 23553	80.82 6.08 0.00	62.28 4.99 0.00	61.68 4.76 0.00	63.19 5.15 0.00	61.59 4.80 0.00	65.56 5.18 0.00	65.79 5.61 0.00	70.21 5.97 0.00	68.13 5.96 0.00	52.82 4.17 0.00	52.43 3.75 0.00	51.77 3.24 -4.99	43.14 2.80 -0.18	49.20 3.15 -3.92	52.12 3.96 0.00	69.30 5.06 0.00	78.24 6.00 -3.21	71.87 6.44 -0.97	62.13 5.58 -0.01	104.70 5.24 -46.23	59.82 4.93 0.00	78.18 4.64 -22.67	57.79 4.65 0.00	57.56 4.66 0.00
NORTHPORT___4 23650	80.82 6.08 0.00	62.28 4.99 0.00	61.68 4.76 0.00	63.19 5.15 0.00	61.59 4.80 0.00	65.56 5.18 0.00	65.79 5.61 0.00	70.21 5.97 0.00	68.13 5.96 0.00	52.82 4.17 0.00	52.43 3.75 0.00	51.77 3.24 -4.99	43.14 2.80 -0.18	49.20 3.15 -3.92	52.12 3.96 0.00	69.30 5.06 0.00	78.24 6.00 -3.21	71.87 6.44 -0.97	62.13 5.58 -0.01	104.70 5.24 -46.23	59.82 4.93 0.00	78.18 4.64 -22.67	57.79 4.65 0.00	57.56 4.66 0.00
NORTHPORT___IC 23718	81.27 6.54 0.00	62.71 5.41 0.00	62.09 5.17 0.00	63.67 5.64 0.00	62.03 5.25 0.00	66.13 5.75 0.00	66.37 6.18 0.00	70.88 6.64 0.00	68.68 6.51 0.00	53.13 4.48 0.00	52.71 4.02 0.00	52.02 3.48 -4.99	43.36 3.03 -0.18	49.51 3.45 -3.92	52.54 4.39 0.00	69.98 5.74 0.00	78.93 6.70 -3.21	72.54 7.11 -0.97	62.75 6.20 -0.01	105.45 5.99 -46.23	60.49 5.60 0.00	78.86 5.31 -22.67	58.41 5.27 0.00	58.09 5.20 0.00
NORTH___COUNTRY_ESR 323785	72.79 -1.94 0.00	55.67 -1.62 0.00	55.40 -1.52 0.00	56.95 -1.08 0.00	55.60 -1.18 0.00	59.00 -1.37 0.00	58.27 -1.92 0.00	62.77 -1.47 0.00	60.91 -1.26 0.00	48.65 0.00 0.00	49.28 0.60 0.00	44.11 0.57 0.00	40.68 0.52 0.00	42.63 0.51 0.00	48.90 0.74 0.00	65.43 1.19 0.00	69.36 0.33 0.00	64.16 -0.30 0.00	56.09 -0.46 0.00	53.06 -0.18 0.00	55.03 0.15 0.00	51.05 0.17 0.00	53.53 0.38 0.00	53.43 0.54 0.00
NPX_GEN_1385_PROXY 323591	82.01 7.28 0.00	63.59 6.29 0.00	62.92 6.00 0.00	65.04 7.01 0.00	63.02 6.24 0.00	70.94 7.54 -3.02	76.37 7.93 -8.25	83.85 8.46 -11.16	70.43 8.26 0.00	53.88 5.22 0.00	52.80 4.12 0.00	52.02 3.49 -4.99	43.67 3.33 -0.18	49.89 3.83 -3.92	53.76 5.60 0.00	76.95 7.53 -5.18	79.56 7.33 -3.21	72.86 7.43 -0.97	63.11 6.55 -0.01	106.30 6.84 -46.23	60.98 6.09 0.00	79.82 6.28 -22.67	59.26 6.11 0.00	58.91 6.01 0.00
NPX_GEN_CSC 323557	82.04 7.31 0.00	63.13 5.84 0.00	62.52 5.60 0.00	64.38 6.35 0.00	62.88 6.09 0.00	67.03 6.65 0.00	67.40 7.22 0.00	71.97 7.73 0.00	69.62 7.45 0.00	53.38 4.73 0.00	53.27 4.59 0.00	52.46 3.92 -4.99	43.45 3.12 -0.18	50.01 3.96 -3.92	53.22 5.07 0.00	71.29 7.04 0.00	80.93 8.70 -3.21	74.62 9.19 -0.97	64.58 8.02 -0.01	107.00 7.54 -46.23	62.08 7.19 0.00	80.19 6.64 -22.67	59.72 6.57 0.00	59.26 6.37 0.00
NSINS_S__GLNS_FALLS 23858	80.68 5.95 0.00	61.96 4.66 0.00	61.53 4.60 0.00	62.65 4.62 0.00	61.23 4.45 0.00	65.18 4.80 0.00	65.17 4.98 0.00	69.33 5.09 0.00	66.72 4.55 0.00	51.51 2.86 0.00	50.88 2.20 0.00	45.12 1.58 0.00	41.58 1.42 0.00	43.73 1.60 0.00	50.15 2.00 0.00	67.35 3.11 0.00	73.27 4.25 0.00	68.68 4.22 0.00	60.33 3.78 0.00	56.74 3.50 0.00	58.21 3.33 0.00	53.99 3.11 0.00	56.30 3.15 0.00	55.95 3.05 0.00
NUCOR_STEEL___DRP 24197	75.40 0.68 0.00	57.56 0.27 0.00	57.24 0.32 0.00	58.28 0.25 0.00	57.05 0.27 0.00	60.66 0.29 0.00	60.43 0.24 0.00	64.16 -0.07 0.00	62.03 -0.14 0.00	48.16 -0.50 0.00	47.92 -0.76 0.00	42.84 -0.70 0.00	39.69 -0.47 0.00	41.56 -0.57 0.00	47.59 -0.57 0.00	63.58 -0.66 0.00	69.04 0.02 0.00	64.64 0.17 0.00	56.67 0.12 0.00	53.43 0.20 0.00	55.04 0.15 0.00	50.79 -0.09 0.00	53.04 -0.10 0.00	52.82 -0.07 0.00
NUMBER_THREE_WT_PWR 323818	75.60 0.87 0.00	58.31 1.02 0.00	58.20 1.28 0.00	59.62 1.59 0.00	58.56 1.78 0.00	62.28 1.91 0.00	61.57 1.38 0.00	65.77 1.54 0.00	63.73 1.56 0.00	49.53 0.88 0.00	49.28 0.60 0.00	44.06 0.52 0.00	40.51 0.35 0.00	42.36 0.23 0.00	48.55 0.39 0.00	65.55 1.31 0.00	71.05 2.03 0.00	66.68 2.21 0.00	58.40 1.85 0.00	54.97 1.73 0.00	56.49 1.60 0.00	52.18 1.30 0.00	54.52 1.38 0.00	54.29 1.40 0.00
NYISO_LBMP_REFERENCE 24008	74.73 0.00 0.00	57.29 0.00 0.00	56.92 0.00 0.00	58.03 0.00 0.00	56.78 0.00 0.00	60.37 0.00 0.00	60.19 0.00 0.00	64.24 0.00 0.00	62.17 0.00 0.00	48.65 0.00 0.00	48.68 0.00 0.00	43.54 0.00 0.00	40.16 0.00 0.00	42.13 0.00 0.00	48.15 0.00 0.00	64.24 0.00 0.00	69.02 0.00 0.00	64.46 0.00 0.00	56.55 0.00 0.00	53.24 0.00 0.00	54.89 0.00 0.00	50.88 0.00 0.00	53.15 0.00 0.00	52.89 0.00 0.00

NYPA_BRENTWD____GT 24164	82.09 7.36 0.00	63.25 5.96 0.00	62.64 5.72 0.00	64.18 6.15 0.00	62.56 5.77 0.00	66.66 6.28 0.00	66.93 6.74 0.00	71.47 7.23 0.00	69.25 7.08 0.00	53.59 4.93 0.00	53.18 4.49 0.00	52.41 3.88 -4.99	43.70 3.37 -0.18	49.89 3.84 -3.92	52.96 4.80 0.00	70.68 6.44 0.00	79.94 7.71 -3.21	73.58 8.15 -0.97	63.64 7.09 -0.01	106.19 6.72 -46.23	61.29 6.40 0.00	79.53 5.98 -22.67	59.06 5.92 0.00	58.70 5.80 0.00
NYPA_GOWANUS____GT5 24156	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
NYPA_GOWANUS____GT6 24157	79.80 5.07 0.00	61.61 4.32 0.00	61.11 4.18 0.00	62.25 4.22 0.00	60.85 4.07 0.00	64.51 4.13 0.00	64.61 4.43 0.00	68.96 4.72 0.00	67.07 4.91 0.00	52.73 4.07 0.00	52.39 3.71 0.00	51.90 3.35 -5.01	43.39 3.06 -0.18	49.23 3.17 -3.93	51.63 3.48 0.00	68.20 3.96 0.00	60.41 4.97 13.58	65.66 5.42 4.22	57.19 4.85 4.20	53.67 4.48 4.04	55.23 4.19 3.85	51.93 4.00 2.96	56.01 4.00 1.14	56.89 4.00 0.00
NYPA_HARLEM_RVR_GT1 24160	79.53 4.80 0.00	61.39 4.10 0.00	60.83 3.91 0.00	61.98 3.94 0.00	60.60 3.82 0.00	64.33 3.95 0.00	64.48 4.30 0.00	68.87 4.63 0.00	66.93 4.76 0.00	52.43 3.78 0.00	52.17 3.48 0.00	51.72 3.17 -5.01	43.16 2.82 -0.18	48.98 2.92 -3.93	51.39 3.24 0.00	68.09 3.85 0.00	73.97 4.96 0.01	69.84 5.38 0.00	61.34 4.79 0.00	57.68 4.44 0.00	59.02 4.14 0.00	54.83 3.95 0.00	56.98 3.84 0.00	56.69 3.80 0.00
NYPA_HARLEM_RVR_GT2 24161	79.53 4.80 0.00	61.39 4.10 0.00	60.83 3.91 0.00	61.98 3.94 0.00	60.60 3.82 0.00	64.33 3.95 0.00	64.48 4.30 0.00	68.87 4.63 0.00	66.93 4.76 0.00	52.43 3.78 0.00	52.17 3.48 0.00	51.72 3.17 -5.01	43.16 2.82 -0.18	48.98 2.92 -3.93	51.39 3.24 0.00	68.09 3.85 0.00	73.97 4.96 0.01	69.84 5.38 0.00	61.34 4.79 0.00	57.68 4.44 0.00	59.02 4.14 0.00	54.83 3.95 0.00	56.98 3.84 0.00	56.69 3.80 0.00
NYPA_KENT____GT 24152	79.85 5.12 0.00	61.62 4.33 0.00	61.08 4.16 0.00	62.26 4.23 0.00	60.84 4.05 0.00	64.48 4.11 0.00	64.59 4.41 0.00	68.96 4.72 0.00	67.06 4.89 0.00	52.66 4.01 0.00	52.34 3.66 0.00	51.87 3.32 -5.01	43.35 3.01 -0.18	49.18 3.12 -3.93	51.60 3.45 0.00	68.22 3.98 0.00	74.02 5.01 0.01	69.90 5.44 0.00	61.41 4.86 0.00	57.72 4.48 0.00	59.08 4.20 0.00	54.90 4.01 0.00	57.15 4.00 0.00	56.88 3.99 0.00
NYPA_POUCH1____GT 24155	79.65 4.92 0.00	61.55 4.26 0.00	61.05 4.13 0.00	62.20 4.17 0.00	60.81 4.03 0.00	64.38 4.01 0.00	64.47 4.29 0.00	68.80 4.56 0.00	66.94 4.78 0.00	52.73 4.08 0.00	52.41 3.73 0.00	51.91 3.36 -5.01	43.40 3.07 -0.18	49.24 3.18 -3.93	51.62 3.46 0.00	63.36 3.79 4.67	63.42 4.76 10.37	69.72 5.28 0.02	61.18 4.69 0.05	57.52 4.32 0.03	58.93 4.04 0.00	54.77 3.89 0.00	57.04 3.89 0.00	56.82 3.93 0.00
NYPA_VERNON____GT2 24162	79.84 5.11 0.00	61.60 4.30 0.00	61.03 4.11 0.00	62.22 4.18 0.00	60.79 4.00 0.00	64.50 4.13 0.00	64.61 4.43 0.00	68.99 4.75 0.00	67.08 4.91 0.00	52.58 3.92 0.00	52.26 3.58 0.00	51.81 3.26 -5.01	43.28 2.95 -0.18	49.11 3.05 -3.93	51.54 3.38 0.00	68.22 3.98 0.00	74.08 5.07 0.01	69.93 5.47 0.00	61.42 4.87 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.89 4.01 0.00	57.14 3.99 0.00	56.84 3.95 0.00
NYPA_VERNON____GT3 24163	79.84 5.11 0.00	61.60 4.30 0.00	61.03 4.11 0.00	62.22 4.18 0.00	60.79 4.00 0.00	64.50 4.13 0.00	64.61 4.43 0.00	68.99 4.75 0.00	67.08 4.91 0.00	52.58 3.92 0.00	52.26 3.58 0.00	51.81 3.26 -5.01	43.28 2.95 -0.18	49.11 3.05 -3.93	51.54 3.38 0.00	68.22 3.98 0.00	74.08 5.07 0.01	69.93 5.47 0.00	61.42 4.87 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.89 4.01 0.00	57.14 3.99 0.00	56.84 3.95 0.00
NYPA____ASTORIA_CC1 323568	79.71 4.98 0.00	61.51 4.21 0.00	60.94 4.02 0.00	62.12 4.08 0.00	60.70 3.91 0.00	64.41 4.04 0.00	64.52 4.33 0.00	68.90 4.66 0.00	66.96 4.79 0.00	52.50 3.84 0.00	52.17 3.48 0.00	51.73 3.18 -5.01	43.21 2.87 -0.18	49.02 2.96 -3.93	51.44 3.28 0.00	68.09 3.84 0.00	73.96 4.94 0.01	69.81 5.34 0.00	61.33 4.78 0.00	57.66 4.43 0.00	59.02 4.13 0.00	54.79 3.91 0.00	57.04 3.90 0.00	56.74 3.85 0.00
NYPA____ASTORIA_CC2 323569	79.73 5.00 0.00	61.51 4.22 0.00	60.95 4.03 0.00	62.12 4.09 0.00	60.70 3.91 0.00	64.42 4.05 0.00	64.54 4.35 0.00	68.92 4.68 0.00	66.99 4.82 0.00	52.51 3.86 0.00	52.17 3.49 0.00	51.73 3.18 -5.01	43.22 2.88 -0.18	49.03 2.97 -3.93	51.44 3.29 0.00	68.13 3.89 0.00	73.97 4.96 0.01	69.83 5.37 0.00	61.34 4.79 0.00	57.68 4.44 0.00	59.05 4.17 0.00	54.82 3.94 0.00	57.06 3.91 0.00	56.76 3.87 0.00
NYPA____HOLTSVILL 23794	81.58 6.85 0.00	62.84 5.55 0.00	62.23 5.31 0.00	63.82 5.78 0.00	62.22 5.43 0.00	66.32 5.94 0.00	66.60 6.42 0.00	71.12 6.88 0.00	68.90 6.73 0.00	53.23 4.57 0.00	52.86 4.18 0.00	52.12 3.58 -4.99	43.38 3.05 -0.18	49.63 3.58 -3.92	52.68 4.52 0.00	70.35 6.11 0.00	79.66 7.43 -3.21	73.32 7.89 -0.97	63.44 6.89 -0.01	105.97 6.50 -46.23	61.06 6.17 0.00	79.31 5.76 -22.67	58.83 5.69 0.00	58.44 5.55 0.00
NYPA____HELLGATE_GT1 24158	79.53 4.80 0.00	61.39 4.10 0.00	60.83 3.91 0.00	61.98 3.94 0.00	60.60 3.82 0.00	64.33 3.95 0.00	64.48 4.30 0.00	68.87 4.63 0.00	66.93 4.76 0.00	52.43 3.78 0.00	52.17 3.48 0.00	51.72 3.17 -5.01	43.16 2.82 -0.18	48.98 2.92 -3.93	51.39 3.24 0.00	68.09 3.85 0.00	73.97 4.96 0.01	69.84 5.38 0.00	61.34 4.79 0.00	57.68 4.44 0.00	59.02 4.14 0.00	54.83 3.95 0.00	56.98 3.84 0.00	56.69 3.80 0.00
NYPA____HELLGATE_GT2 24159	79.53 4.80 0.00	61.39 4.10 0.00	60.83 3.91 0.00	61.98 3.94 0.00	60.60 3.82 0.00	64.33 3.95 0.00	64.48 4.30 0.00	68.87 4.63 0.00	66.93 4.76 0.00	52.43 3.78 0.00	52.17 3.48 0.00	51.72 3.17 -5.01	43.16 2.82 -0.18	48.98 2.92 -3.93	51.39 3.24 0.00	68.09 3.85 0.00	73.97 4.96 0.01	69.84 5.38 0.00	61.34 4.79 0.00	57.68 4.44 0.00	59.02 4.14 0.00	54.83 3.95 0.00	56.98 3.84 0.00	56.69 3.80 0.00
NYS_BARGE____HYD 23848	71.94 -2.79 0.00	55.36 -1.93 0.00	55.32 -1.60 0.00	56.03 -2.00 0.00	54.89 -1.89 0.00	58.08 -2.30 0.00	56.71 -3.47 0.00	58.15 -6.09 0.00	56.19 -5.98 0.00	44.25 -4.41 0.00	44.23 -4.45 0.00	39.90 -3.64 0.00	37.12 -3.04 0.00	38.93 -3.20 0.00	44.29 -3.86 0.00	58.62 -5.62 0.00	62.11 -6.59 0.32	58.28 -6.18 0.00	51.04 -5.50 0.00	47.89 -5.35 0.00	49.47 -5.41 0.00	45.85 -5.03 0.00	48.36 -4.79 0.00	48.53 -4.37 0.00

OAK ORCHARD___HYD 24046	73.56 -1.17 0.00	56.43 -0.86 0.00	56.25 -0.67 0.00	57.14 -0.90 0.00	55.94 -0.84 0.00	59.36 -1.02 0.00	58.58 -1.60 0.00	61.34 -2.90 0.00	59.38 -2.79 0.00	46.48 -2.17 0.00	46.47 -2.22 0.00	41.69 -1.86 0.00	38.59 -1.57 0.00	40.35 -1.78 0.00	46.16 -1.99 0.00	61.61 -2.64 0.00	66.05 -2.99 -0.02	61.76 -2.70 0.00	54.04 -2.51 0.00	50.75 -2.49 0.00	52.32 -2.56 0.00	48.42 -2.46 0.00	50.78 -2.37 0.00	50.73 -2.17 0.00
OAKDALE___35_KV_LOAD 356122	75.50 0.77 0.00	57.85 0.56 0.00	57.61 0.69 0.00	58.69 0.66 0.00	57.38 0.60 0.00	60.97 0.59 0.00	60.84 0.66 0.00	64.51 0.27 0.00	62.46 0.29 0.00	48.57 -0.08 0.00	48.29 -0.39 0.00	43.26 -0.28 0.00	39.86 -0.30 0.00	41.82 -0.31 0.00	47.85 -0.30 0.00	64.00 -0.25 0.00	69.02 0.07 0.07	64.58 0.11 0.00	56.80 0.25 0.00	53.35 0.11 0.00	54.89 0.00 0.00	50.66 -0.22 0.00	52.87 -0.28 0.00	52.63 -0.27 0.00
OCC_CHEM___DRP 24175	71.09 -3.64 0.00	54.55 -2.75 0.00	54.54 -2.38 0.00	55.24 -2.80 0.00	54.10 -2.69 0.00	57.21 -3.17 0.00	55.79 -4.40 0.00	57.25 -6.99 0.00	55.37 -6.80 0.00	43.76 -4.90 0.00	43.90 -4.79 0.00	39.53 -4.01 0.00	36.85 -3.31 0.00	38.56 -3.57 0.00	43.95 -4.21 0.00	58.08 -6.17 0.00	61.13 -7.45 0.44	57.39 -7.07 0.00	50.27 -6.27 0.00	47.20 -6.04 0.00	48.79 -6.09 0.00	45.28 -5.60 0.00	47.79 -5.36 0.00	48.03 -4.86 0.00
OH_GEN_PROXY 24063	71.53 -3.20 0.00	54.91 -2.38 0.00	54.88 -2.04 0.00	55.62 -2.41 0.00	54.47 -2.31 0.00	57.61 -2.76 0.00	56.30 -3.88 0.00	57.99 -6.25 0.00	56.10 -6.07 0.00	44.18 -4.48 0.00	44.31 -4.37 0.00	39.97 -3.57 0.00	37.14 -3.01 0.00	38.89 -3.25 0.00	44.34 -3.81 0.00	58.69 -5.55 0.00	61.94 -6.72 0.36	58.10 -6.36 0.00	50.86 -5.69 0.00	47.73 -5.50 0.00	49.34 -5.55 0.00	45.71 -5.16 0.00	48.24 -4.91 0.00	48.43 -4.46 0.00
OLIN_CORP_DRP 24177	71.08 -3.65 0.00	54.76 -2.53 0.00	54.78 -2.14 0.00	55.46 -2.57 0.00	54.32 -2.47 0.00	57.45 -2.93 0.00	56.06 -4.13 0.00	57.30 -6.93 0.00	55.36 -6.81 0.00	43.71 -4.94 0.00	43.80 -4.88 0.00	39.45 -4.10 0.00	36.77 -3.39 0.00	38.50 -3.63 0.00	43.86 -4.30 0.00	57.97 -6.28 0.00	61.16 -7.46 0.40	57.38 -7.08 0.00	50.28 -6.26 0.00	47.19 -6.04 0.00	48.77 -6.11 0.00	45.26 -5.62 0.00	47.75 -5.40 0.00	47.97 -4.92 0.00
OLIN_CORP_DSASP 323712	71.09 -3.64 0.00	54.55 -2.74 0.00	54.51 -2.41 0.00	55.23 -2.80 0.00	54.11 -2.67 0.00	57.21 -3.17 0.00	55.79 -4.39 0.00	57.26 -6.98 0.00	55.41 -6.76 0.00	43.73 -4.92 0.00	43.90 -4.79 0.00	39.60 -3.94 0.00	36.85 -3.31 0.00	38.57 -3.56 0.00	43.95 -4.20 0.00	58.08 -6.16 0.00	61.13 -7.46 0.44	57.41 -7.05 0.00	50.28 -6.27 0.00	47.21 -6.03 0.00	48.79 -6.09 0.00	45.26 -5.61 0.00	47.82 -5.33 0.00	48.04 -4.85 0.00
ONEIDA_HERK_LFGE 323681	76.54 1.81 0.00	58.86 1.57 0.00	58.60 1.67 0.00	59.86 1.82 0.00	58.69 1.91 0.00	62.46 2.08 0.00	62.13 1.94 0.00	66.31 2.07 0.00	64.24 2.07 0.00	49.99 1.34 0.00	49.74 1.06 0.00	44.44 0.90 0.00	40.87 0.71 0.00	42.80 0.67 0.00	49.03 0.88 0.00	65.91 1.67 0.00	71.31 2.29 0.00	66.83 2.37 0.00	58.58 2.04 0.00	55.13 1.89 0.00	56.71 1.82 0.00	52.42 1.54 0.00	54.71 1.56 0.00	54.40 1.51 0.00
ONEIDA___115KV_TB4 55905	77.16 2.43 0.00	59.28 1.99 0.00	58.96 2.04 0.00	60.12 2.09 0.00	58.94 2.15 0.00	62.75 2.38 0.00	62.59 2.41 0.00	66.68 2.45 0.00	64.57 2.41 0.00	50.11 1.45 0.00	49.76 1.08 0.00	44.40 0.86 0.00	40.88 0.72 0.00	42.86 0.73 0.00	49.09 0.94 0.00	65.92 1.68 0.00	71.46 2.44 0.00	66.83 2.37 0.00	58.65 2.10 0.00	55.12 1.89 0.00	56.69 1.81 0.00	52.40 1.52 0.00	54.61 1.46 0.00	54.24 1.35 0.00
ONONDAGA_REF_OCCRA 23987	74.70 -0.03 0.00	57.25 -0.04 0.00	56.93 0.00 0.00	57.98 -0.05 0.00	56.75 -0.03 0.00	60.35 -0.03 0.00	60.15 -0.04 0.00	63.91 -0.33 0.00	61.83 -0.34 0.00	48.06 -0.59 0.00	47.86 -0.82 0.00	42.82 -0.72 0.00	39.51 -0.65 0.00	41.43 -0.70 0.00	47.41 -0.74 0.00	63.46 -0.78 0.00	68.53 -0.49 0.00	64.17 -0.30 0.00	56.37 -0.18 0.00	52.95 -0.28 0.00	54.49 -0.39 0.00	50.39 -0.50 0.00	52.58 -0.57 0.00	52.34 -0.56 0.00
ONONDAGA___COGEN 23986	74.49 -0.24 0.00	57.07 -0.23 0.00	56.75 -0.17 0.00	57.80 -0.24 0.00	56.55 -0.23 0.00	60.15 -0.22 0.00	59.94 -0.25 0.00	63.71 -0.53 0.00	61.64 -0.53 0.00	47.91 -0.74 0.00	47.74 -0.95 0.00	42.73 -0.82 0.00	39.44 -0.72 0.00	41.35 -0.78 0.00	47.32 -0.83 0.00	63.31 -0.93 0.00	68.38 -0.64 0.00	64.01 -0.46 0.00	56.24 -0.31 0.00	52.88 -0.36 0.00	54.41 -0.47 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.27 -0.63 0.00
ONTARIO___LFGE 23819	75.37 0.64 0.00	57.76 0.46 0.00	57.59 0.67 0.00	58.58 0.55 0.00	57.32 0.54 0.00	60.88 0.51 0.00	60.59 0.41 0.00	63.86 -0.38 0.00	61.70 -0.47 0.00	47.91 -0.75 0.00	47.39 -1.30 0.00	42.39 -1.16 0.00	39.10 -1.07 0.00	40.98 -1.15 0.00	47.01 -1.15 0.00	63.42 -0.82 0.00	68.70 -0.30 0.03	64.04 -0.43 0.00	56.09 -0.46 0.00	52.63 -0.61 0.00	54.18 -0.70 0.00	49.89 -0.99 0.00	52.09 -1.06 0.00	51.90 -0.99 0.00
ORANGEVILLE_WT_PWR 323706	73.89 -0.84 0.00	56.66 -0.63 0.00	56.58 -0.34 0.00	57.33 -0.70 0.00	56.07 -0.71 0.00	59.37 -1.00 0.00	58.26 -1.93 0.00	60.22 -4.02 0.00	58.03 -4.14 0.00	45.09 -3.56 0.00	44.85 -3.83 0.00	40.39 -3.15 0.00	37.55 -2.61 0.00	39.33 -2.80 0.00	45.06 -3.09 0.00	60.33 -3.91 0.00	64.05 -4.66 0.31	59.60 -4.87 0.00	52.08 -4.47 0.00	48.77 -4.47 0.00	50.41 -4.48 0.00	46.40 -4.48 0.00	48.63 -4.52 0.00	48.60 -4.30 0.00
ORANGEVILLE___ESR 323794	73.89 -0.84 0.00	56.66 -0.63 0.00	56.58 -0.34 0.00	57.33 -0.70 0.00	56.07 -0.71 0.00	59.37 -1.00 0.00	58.26 -1.93 0.00	60.22 -4.02 0.00	58.03 -4.14 0.00	45.09 -3.56 0.00	44.85 -3.83 0.00	40.39 -3.15 0.00	37.55 -2.61 0.00	39.33 -2.80 0.00	45.06 -3.09 0.00	60.33 -3.91 0.00	64.05 -4.66 0.31	59.60 -4.87 0.00	52.08 -4.47 0.00	48.77 -4.47 0.00	50.41 -4.48 0.00	46.40 -4.48 0.00	48.63 -4.52 0.00	48.60 -4.30 0.00
OSWEGATCHIE___HYD 24044	74.73 0.00 0.00	57.59 0.30 0.00	57.40 0.48 0.00	58.83 0.80 0.00	57.73 0.95 0.00	60.91 0.54 0.00	59.00 -1.18 0.00	63.02 -1.22 0.00	61.00 -1.17 0.00	47.52 -1.14 0.00	47.28 -1.40 0.00	42.48 -1.06 0.00	39.03 -1.14 0.00	40.74 -1.39 0.00	46.71 -1.44 0.00	63.43 -0.81 0.00	68.25 -0.77 0.00	64.08 -0.38 0.00	56.08 -0.46 0.00	52.82 -0.41 0.00	54.37 -0.51 0.00	50.26 -0.62 0.00	53.05 -0.10 0.00	53.86 0.97 0.00
OSWEGO___5 23606	72.91 -1.82 0.00	55.91 -1.38 0.00	55.59 -1.33 0.00	56.64 -1.39 0.00	55.41 -1.37 0.00	58.92 -1.45 0.00	58.68 -1.50 0.00	62.39 -1.85 0.00	60.39 -1.78 0.00	47.11 -1.55 0.00	47.03 -1.65 0.00	42.10 -1.44 0.00	38.83 -1.32 0.00	40.72 -1.41 0.00	46.58 -1.58 0.00	62.22 -2.02 0.00	67.06 -1.96 0.00	62.73 -1.74 0.00	55.05 -1.50 0.00	51.77 -1.47 0.00	53.31 -1.57 0.00	49.33 -1.55 0.00	51.54 -1.61 0.00	51.29 -1.61 0.00

OSWEGO___6 23613	72.91 -1.82 0.00	55.91 -1.38 0.00	55.59 -1.33 0.00	56.64 -1.39 0.00	55.41 -1.37 0.00	58.92 -1.45 0.00	58.68 -1.50 0.00	62.39 -1.85 0.00	60.39 -1.78 0.00	47.11 -1.55 0.00	47.03 -1.65 0.00	42.10 -1.44 0.00	38.83 -1.32 0.00	40.72 -1.41 0.00	46.58 -1.58 0.00	62.22 -2.02 0.00	67.06 -1.96 0.00	62.73 -1.74 0.00	55.05 -1.50 0.00	51.77 -1.47 0.00	53.31 -1.57 0.00	49.33 -1.55 0.00	51.54 -1.61 0.00	51.29 -1.61 0.00
OUTOKUMPU-AB___DRP 24206	72.91 -1.82 0.00	55.97 -1.33 0.00	55.92 -1.00 0.00	56.63 -1.41 0.00	55.45 -1.33 0.00	58.67 -1.71 0.00	57.31 -2.88 0.00	58.89 -5.35 0.00	56.95 -5.21 0.00	44.88 -3.78 0.00	44.92 -3.76 0.00	40.45 -3.09 0.00	37.67 -2.49 0.00	39.44 -2.69 0.00	44.97 -3.18 0.00	59.58 -4.66 0.00	62.91 -5.73 0.39	59.03 -5.44 0.00	51.71 -4.84 0.00	48.47 -4.77 0.00	50.07 -4.81 0.00	46.40 -4.48 0.00	48.90 -4.25 0.00	49.08 -3.81 0.00
OXBOW___BTM 323836	72.16 -2.57 0.00	55.37 -1.92 0.00	55.32 -1.60 0.00	56.03 -2.00 0.00	54.89 -1.89 0.00	58.06 -2.32 0.00	56.68 -3.51 0.00	58.20 -6.04 0.00	56.34 -5.84 0.00	44.40 -4.25 0.00	44.52 -4.17 0.00	40.14 -3.41 0.00	37.34 -2.82 0.00	39.09 -3.03 0.00	44.56 -3.60 0.00	58.96 -5.28 0.00	62.17 -6.44 0.41	58.39 -6.06 0.00	51.13 -5.41 0.00	47.98 -5.26 0.00	49.57 -5.32 0.00	45.95 -4.93 0.00	48.49 -4.65 0.00	48.66 -4.23 0.00
OXBOW____ 24026	72.15 -2.58 0.00	55.38 -1.92 0.00	55.35 -1.58 0.00	56.05 -1.98 0.00	54.88 -1.90 0.00	58.06 -2.32 0.00	56.68 -3.50 0.00	58.20 -6.04 0.00	56.30 -5.87 0.00	44.42 -4.23 0.00	44.51 -4.17 0.00	40.09 -3.45 0.00	37.34 -2.82 0.00	39.09 -3.04 0.00	44.56 -3.59 0.00	58.97 -5.28 0.00	62.19 -6.42 0.41	58.37 -6.09 0.00	51.13 -5.41 0.00	47.97 -5.26 0.00	49.57 -5.32 0.00	45.96 -4.92 0.00	48.47 -4.68 0.00	48.66 -4.23 0.00
OXY_CHEM_DSASP 323612	71.09 -3.64 0.00	54.55 -2.75 0.00	54.54 -2.38 0.00	55.24 -2.80 0.00	54.10 -2.69 0.00	57.21 -3.17 0.00	55.79 -4.40 0.00	57.25 -6.99 0.00	55.37 -6.80 0.00	43.76 -4.90 0.00	43.90 -4.79 0.00	39.53 -4.01 0.00	36.85 -3.31 0.00	38.56 -3.57 0.00	43.95 -4.21 0.00	58.08 -6.17 0.00	61.13 -7.45 0.44	57.39 -7.07 0.00	50.27 -6.27 0.00	47.20 -6.04 0.00	48.79 -6.09 0.00	45.28 -5.60 0.00	47.79 -5.36 0.00	48.03 -4.86 0.00
OZONE_PARK_ESR 323760	80.54 5.81 0.00	62.10 4.81 0.00	61.50 4.58 0.00	62.71 4.68 0.00	61.24 4.46 0.00	65.03 4.66 0.00	65.17 4.98 0.00	69.58 5.34 0.00	67.59 5.42 0.00	52.96 4.31 0.00	52.66 3.98 0.00	52.21 3.66 -5.01	43.62 3.28 -0.18	49.46 3.40 -3.94	51.98 3.83 0.00	68.84 4.60 0.00	74.80 5.78 0.01	70.63 6.17 0.00	62.03 5.48 0.00	58.31 5.08 0.00	59.65 4.76 0.00	55.34 4.46 0.00	57.62 4.47 0.00	57.30 4.41 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	71.09 -3.64 0.00	54.55 -2.75 0.00	54.54 -2.38 0.00	55.24 -2.80 0.00	54.10 -2.69 0.00	57.21 -3.17 0.00	55.79 -4.40 0.00	57.25 -6.99 0.00	55.37 -6.80 0.00	43.76 -4.90 0.00	43.90 -4.79 0.00	39.53 -4.01 0.00	36.85 -3.31 0.00	38.56 -3.57 0.00	43.95 -4.21 0.00	58.08 -6.17 0.00	61.13 -7.45 0.44	57.39 -7.07 0.00	50.27 -6.27 0.00	47.20 -6.04 0.00	48.79 -6.09 0.00	45.28 -5.60 0.00	47.79 -5.36 0.00	48.03 -4.86 0.00
PACKARD__115KV_DUPONT_184 80571	71.09 -3.64 0.00	54.55 -2.75 0.00	54.54 -2.38 0.00	55.24 -2.80 0.00	54.10 -2.69 0.00	57.21 -3.17 0.00	55.79 -4.40 0.00	57.25 -6.99 0.00	55.37 -6.80 0.00	43.76 -4.90 0.00	43.90 -4.79 0.00	39.53 -4.01 0.00	36.85 -3.31 0.00	38.56 -3.57 0.00	43.95 -4.21 0.00	58.08 -6.17 0.00	61.13 -7.45 0.44	57.39 -7.07 0.00	50.27 -6.27 0.00	47.20 -6.04 0.00	48.79 -6.09 0.00	45.28 -5.60 0.00	47.79 -5.36 0.00	48.03 -4.86 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	79.55 4.82 0.00	61.39 4.10 0.00	60.82 3.90 0.00	61.98 3.95 0.00	60.61 3.82 0.00	64.31 3.94 0.00	64.48 4.29 0.00	68.88 4.64 0.00	66.93 4.76 0.00	52.41 3.76 0.00	52.12 3.44 0.00	51.70 3.15 -5.01	43.07 2.73 -0.18	48.85 2.79 -3.93	51.24 3.09 0.00	67.90 3.65 0.00	73.78 4.76 0.01	69.67 5.20 0.00	61.28 4.74 0.00	57.69 4.46 0.00	59.03 4.15 0.00	54.81 3.93 0.00	56.99 3.84 0.00	56.69 3.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	79.83 5.10 0.00	61.68 4.39 0.00	61.06 4.14 0.00	62.26 4.23 0.00	60.89 4.11 0.00	64.65 4.27 0.00	64.84 4.66 0.00	69.28 5.04 0.00	67.33 5.16 0.00	52.67 4.01 0.00	52.34 3.66 0.00	51.91 3.37 -5.01	43.21 2.88 -0.18	48.90 2.84 -3.93	51.31 3.15 0.00	68.06 3.82 0.00	74.01 5.00 0.01	69.93 5.47 0.00	61.48 4.94 0.00	57.96 4.72 0.00	59.29 4.41 0.00	55.06 4.18 0.00	57.23 4.08 0.00	56.95 4.06 0.00
PATROON__115KV_TB1 80586	77.99 3.26 0.00	59.99 2.70 0.00	59.60 2.68 0.00	60.73 2.70 0.00	59.28 2.49 0.00	63.06 2.69 0.00	62.99 2.81 0.00	67.07 2.83 0.00	64.94 2.77 0.00	50.65 1.99 0.00	50.40 1.71 0.00	45.02 1.48 0.00	41.54 1.38 0.00	43.56 1.43 0.00	49.55 1.39 0.00	66.15 1.91 0.00	71.56 2.54 0.00	67.06 2.60 0.00	58.89 2.34 0.00	55.49 2.26 0.00	56.96 2.07 0.00	52.88 1.99 0.00	55.48 2.33 0.00	55.21 2.32 0.00
PATTRSNVILLE___SOLAR 323815	77.99 3.26 0.00	59.89 2.59 0.00	59.44 2.52 0.00	60.60 2.57 0.00	59.26 2.48 0.00	63.08 2.70 0.00	62.97 2.79 0.00	67.15 2.91 0.00	64.74 2.57 0.00	50.13 1.47 0.00	49.83 1.15 0.00	44.47 0.93 0.00	41.00 0.84 0.00	43.06 0.94 0.00	49.41 1.26 0.00	66.44 2.20 0.00	72.08 3.06 0.00	67.56 3.09 0.00	59.27 2.72 0.00	55.76 2.52 0.00	57.33 2.45 0.00	53.11 2.23 0.00	55.37 2.23 0.00	55.05 2.16 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	74.38 -0.36 0.00	57.07 -0.23 0.00	57.01 0.08 0.00	57.78 -0.25 0.00	56.55 -0.23 0.00	59.84 -0.53 0.00	58.55 -1.64 0.00	60.50 -3.74 0.00	58.52 -3.65 0.00	45.96 -2.70 0.00	46.01 -2.68 0.00	41.46 -2.09 0.00	38.57 -1.59 0.00	40.37 -1.76 0.00	46.09 -2.06 0.00	61.13 -3.11 0.00	64.56 -4.09 0.37	60.52 -3.95 0.00	52.99 -3.56 0.00	49.66 -3.58 0.00	51.29 -3.59 0.00	47.40 -3.48 0.00	49.88 -3.26 0.00	50.05 -2.84 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	80.59 5.86 0.00	62.07 4.77 0.00	61.49 4.57 0.00	62.75 4.72 0.00	61.31 4.53 0.00	65.19 4.81 0.00	65.34 5.16 0.00	69.79 5.55 0.00	67.68 5.51 0.00	52.79 4.13 0.00	52.43 3.75 0.00	48.16 3.33 -1.29	43.13 2.93 -0.05	46.24 3.10 -1.01	51.69 3.54 0.00	68.77 4.53 0.00	74.76 5.75 0.01	70.54 6.08 0.00	61.93 5.39 0.00	58.18 4.95 0.00	59.63 4.74 0.00	55.24 4.36 0.00	57.50 4.36 0.00	57.15 4.26 0.00
PEEKSKILL____ 23653	79.05 4.32 0.00	60.93 3.63 0.00	60.35 3.43 0.00	61.59 3.56 0.00	60.15 3.37 0.00	63.93 3.55 0.00	64.07 3.88 0.00	68.39 4.15 0.00	66.36 4.19 0.00	51.81 3.15 0.00	51.50 2.82 0.00	51.60 2.53 -5.53	42.56 2.21 -0.19	48.81 2.34 -4.34	50.79 2.64 0.00	67.48 3.24 0.00	73.33 4.32 0.01	69.17 4.70 0.00	60.72 4.18 0.00	57.06 3.83 0.00	58.47 3.58 0.00	54.22 3.34 0.00	56.45 3.30 0.00	56.16 3.26 0.00

PGE MADISON___WINDPWR 24146	82.86 8.14 0.00	63.38 6.09 0.00	62.99 6.06 0.00	64.33 6.30 0.00	63.03 6.25 0.00	67.29 6.92 0.00	67.39 7.20 0.00	71.92 7.68 0.00	69.47 7.30 0.00	53.28 4.63 0.00	52.40 3.72 0.00	46.65 3.11 0.00	42.94 2.78 0.00	45.03 2.90 0.00	51.77 3.61 0.00	70.14 5.90 0.00	76.75 7.76 0.04	72.22 7.76 0.00	63.45 6.90 0.00	59.58 6.34 0.00	61.02 6.13 0.00	55.88 5.00 0.00	57.70 4.55 0.00	57.01 4.12 0.00
PIERCEFIELD___HYD 23852	74.99 0.26 0.00	57.73 0.44 0.00	57.50 0.58 0.00	58.98 0.95 0.00	57.79 1.01 0.00	60.56 0.18 0.00	57.58 -2.61 0.00	61.42 -2.82 0.00	59.43 -2.74 0.00	46.49 -2.17 0.00	46.23 -2.45 0.00	41.69 -1.85 0.00	38.29 -1.87 0.00	39.96 -2.16 0.00	45.82 -2.33 0.00	62.40 -1.84 0.00	66.65 -2.37 0.00	62.53 -1.94 0.00	54.69 -1.85 0.00	51.59 -1.64 0.00	53.21 -1.68 0.00	49.22 -1.66 0.00	52.41 -0.74 0.00	54.08 1.19 0.00
PINELAWN_CC_1 323563	81.37 6.64 0.00	62.72 5.42 0.00	62.11 5.19 0.00	63.59 5.55 0.00	61.98 5.20 0.00	66.02 5.65 0.00	66.25 6.06 0.00	70.75 6.51 0.00	68.57 6.40 0.00	53.13 4.48 0.00	52.76 4.08 0.00	52.04 3.51 -4.99	43.33 3.00 -0.18	49.47 3.42 -3.92	52.43 4.28 0.00	69.95 5.70 0.00	79.18 6.95 -3.21	72.85 7.42 -0.97	63.00 6.45 -0.01	105.55 6.09 -46.23	60.67 5.77 0.00	78.94 5.40 -22.67	58.46 5.32 0.00	58.13 5.24 0.00
PJM_GEN_HTP_PROXY 323702	79.71 4.98 0.00	61.47 4.17 0.00	60.91 3.99 0.00	62.11 4.08 0.00	60.66 3.88 0.00	64.42 4.04 0.00	64.54 4.36 0.00	68.90 4.66 0.00	66.94 4.78 0.00	52.42 3.76 0.00	52.13 3.44 0.00	51.72 3.16 -5.02	43.16 2.82 -0.18	49.02 2.94 -3.94	51.47 3.31 0.00	68.17 3.93 0.00	74.04 5.03 0.01	72.39 5.41 -2.52	61.36 4.81 0.00	57.65 4.41 0.00	59.00 4.12 0.00	54.73 3.86 0.00	56.99 3.85 0.00	56.71 3.82 0.00
PJM_GEN_KEystone 24065	56.29 0.82 19.25	50.04 0.82 8.07	43.30 0.84 14.46	57.14 0.82 1.71	48.45 0.72 9.05	54.83 0.63 6.18	60.65 0.47 0.00	64.11 -0.14 0.00	62.16 -0.01 0.00	48.54 -0.11 0.00	48.36 -0.32 0.00	36.19 -0.13 7.22	39.80 -0.11 0.25	30.84 -0.16 11.13	39.26 -0.21 8.69	60.72 -0.64 2.89	68.41 -0.49 0.12	66.87 -0.11 -2.52	53.94 -0.11 2.50	52.99 -0.24 0.00	53.79 -0.43 0.66	50.42 -0.45 0.00	47.75 -0.43 4.97	31.27 -0.23 21.39
PJM_GEN_NEPTUNE_PROXY 323594	80.28 5.55 0.00	61.92 4.63 0.00	61.34 4.42 0.00	62.74 4.71 0.00	61.19 4.41 0.00	65.11 4.73 0.00	65.30 5.12 0.00	69.69 5.45 0.00	67.57 5.40 0.00	52.52 3.87 0.00	52.22 3.54 0.00	51.61 3.08 -4.99	42.99 2.65 -0.18	49.03 2.97 -3.92	51.78 3.62 0.00	68.90 4.65 0.00	77.98 5.75 -3.21	74.13 6.17 -3.49	61.93 5.37 -0.01	104.53 5.07 -46.23	59.67 4.78 0.00	78.01 4.46 -22.67	57.54 4.40 0.00	57.23 4.34 0.00
PJM_GEN_VFT_PROXY 323633	79.13 4.40 0.00	61.08 3.78 0.00	60.53 3.61 0.00	61.70 3.67 0.00	60.27 3.49 0.00	63.99 3.62 0.00	64.14 3.96 0.00	68.43 4.19 0.00	66.50 4.33 0.00	52.12 3.47 0.00	51.82 3.14 0.00	51.42 2.87 -5.01	42.92 2.58 -0.18	48.74 2.68 -3.94	51.15 3.00 0.00	67.65 3.41 0.00	73.48 4.47 0.01	71.90 4.92 -2.52	60.92 4.37 0.00	57.27 4.03 0.00	58.60 3.72 0.00	54.42 3.55 0.00	56.68 3.53 0.00	56.39 3.50 0.00
PLATSBURG_115KV_PMLD1 355749	72.59 -2.14 0.00	55.80 -1.49 0.00	55.49 -1.43 0.00	57.20 -0.84 0.00	55.61 -1.17 0.00	59.02 -1.35 0.00	58.22 -1.96 0.00	62.75 -1.49 0.00	61.13 -1.04 0.00	49.10 0.44 0.00	49.76 1.07 0.00	44.54 1.00 0.00	41.07 0.91 0.00	43.05 0.92 0.00	49.42 1.26 0.00	66.28 2.04 0.00	70.33 1.31 0.00	64.91 0.45 0.00	56.74 0.20 0.00	53.82 0.59 0.00	55.77 0.88 0.00	51.67 0.79 0.00	54.17 1.02 0.00	54.02 1.12 0.00
PLEASANTVLY___LBMP 24000	79.05 4.32 0.00	60.89 3.60 0.00	60.34 3.42 0.00	61.59 3.55 0.00	60.15 3.37 0.00	63.93 3.55 0.00	64.02 3.84 0.00	68.32 4.08 0.00	66.24 4.06 0.00	51.69 3.04 0.00	51.40 2.71 0.00	47.72 2.41 -1.77	42.32 2.10 -0.06	45.76 2.25 -1.39	50.64 2.49 0.00	67.36 3.12 0.00	73.16 4.13 0.00	68.93 4.46 0.00	60.52 3.98 0.00	56.89 3.66 0.00	58.31 3.42 0.00	54.05 3.17 0.00	56.32 3.17 0.00	56.04 3.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	79.37 4.64 0.00	61.15 3.86 0.00	60.63 3.70 0.00	61.85 3.82 0.00	60.40 3.61 0.00	64.19 3.82 0.00	64.31 4.12 0.00	68.66 4.42 0.00	66.61 4.44 0.00	51.98 3.33 0.00	51.69 3.01 0.00	48.68 2.70 -2.44	42.60 2.36 -0.09	46.55 2.51 -1.92	50.97 2.82 0.00	67.74 3.50 0.00	73.59 4.57 0.01	69.39 4.93 0.00	60.91 4.36 0.00	57.27 4.03 0.00	58.64 3.76 0.00	54.37 3.50 0.00	56.62 3.48 0.00	56.33 3.44 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	79.37 4.64 0.00	61.15 3.86 0.00	60.63 3.70 0.00	61.85 3.82 0.00	60.40 3.61 0.00	64.19 3.82 0.00	64.31 4.12 0.00	68.66 4.42 0.00	66.61 4.44 0.00	51.98 3.33 0.00	51.69 3.01 0.00	48.68 2.70 -2.44	42.60 2.36 -0.09	46.55 2.51 -1.92	50.97 2.82 0.00	67.74 3.50 0.00	73.59 4.57 0.01	69.39 4.93 0.00	60.91 4.36 0.00	57.27 4.03 0.00	58.64 3.76 0.00	54.37 3.50 0.00	56.62 3.48 0.00	56.33 3.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	80.23 5.50 0.00	61.77 4.48 0.00	61.21 4.29 0.00	62.47 4.44 0.00	61.03 4.25 0.00	64.87 4.50 0.00	65.02 4.84 0.00	69.46 5.22 0.00	67.31 5.14 0.00	52.42 3.77 0.00	52.05 3.37 0.00	46.50 2.96 0.00	42.73 2.57 0.00	44.88 2.75 0.00	51.28 3.13 0.00	68.34 4.10 0.00	74.34 5.32 0.01	70.10 5.64 0.00	61.56 5.01 0.00	57.84 4.61 0.00	59.27 4.39 0.00	54.91 4.03 0.00	57.16 4.01 0.00	56.84 3.94 0.00
POLETTI___ 23519	79.56 4.83 0.00	61.41 4.12 0.00	60.81 3.89 0.00	62.02 3.98 0.00	60.59 3.80 0.00	64.34 3.96 0.00	64.45 4.26 0.00	68.80 4.56 0.00	66.82 4.65 0.00	52.34 3.68 0.00	52.07 3.39 0.00	51.69 3.14 -5.01	43.13 2.80 -0.18	48.98 2.91 -3.94	51.42 3.26 0.00	68.06 3.82 0.00	73.90 4.89 0.01	69.78 5.32 0.00	61.29 4.74 0.00	57.63 4.39 0.00	58.88 3.99 0.00	54.62 3.74 0.00	56.87 3.73 0.00	56.62 3.73 0.00
POMONA___ESR 323819	78.64 3.91 0.00	60.62 3.33 0.00	60.03 3.11 0.00	61.27 3.23 0.00	59.82 3.04 0.00	63.63 3.26 0.00	63.79 3.60 0.00	68.08 3.84 0.00	66.05 3.88 0.00	51.54 2.88 0.00	51.23 2.54 0.00	38.79 2.28 7.04	41.89 1.97 0.25	38.68 2.07 5.53	50.49 2.33 0.00	67.08 2.84 0.00	72.91 3.90 0.01	68.79 4.33 0.00	60.40 3.85 0.00	56.77 3.54 0.00	58.16 3.28 0.00	53.96 3.08 0.00	56.15 3.01 0.00	55.88 2.99 0.00
PORT_JEFF_3 23555	81.90 7.17 0.00	63.07 5.78 0.00	62.46 5.53 0.00	64.05 6.02 0.00	62.45 5.67 0.00	66.56 6.18 0.00	66.86 6.68 0.00	71.40 7.16 0.00	69.16 6.99 0.00	53.42 4.77 0.00	53.05 4.37 0.00	52.28 3.74 -4.99	43.53 3.20 -0.18	49.80 3.75 -3.92	52.89 4.74 0.00	70.65 6.40 0.00	80.04 7.81 -3.21	73.70 8.27 -0.97	63.78 7.22 -0.01	106.27 6.80 -46.23	61.37 6.48 0.00	79.57 6.02 -22.67	59.10 5.96 0.00	58.70 5.80 0.00

PORT_JEFF_4 23616	81.90 7.17 0.00	63.07 5.78 0.00	62.46 5.53 0.00	64.05 6.02 0.00	62.45 5.67 0.00	66.56 6.18 0.00	66.86 6.68 0.00	71.40 7.16 0.00	69.16 6.99 0.00	53.42 4.77 0.00	53.05 4.37 0.00	52.28 3.74 -4.99	43.53 3.20 -0.18	49.80 3.75 -3.92	52.89 4.74 0.00	70.65 6.40 0.00	80.04 7.81 -3.21	73.70 8.27 -0.97	63.78 7.22 -0.01	106.27 6.80 -46.23	61.37 6.48 0.00	79.57 6.02 -22.67	59.10 5.96 0.00	58.70 5.80 0.00
PORT_JEFF_IC 23713	81.94 7.21 0.00	63.10 5.81 0.00	62.48 5.56 0.00	64.08 6.04 0.00	62.50 5.72 0.00	66.62 6.25 0.00	66.92 6.74 0.00	71.47 7.23 0.00	69.23 7.06 0.00	53.45 4.80 0.00	53.09 4.40 0.00	52.33 3.79 -4.99	43.55 3.21 -0.18	49.83 3.78 -3.92	52.94 4.79 0.00	70.73 6.49 0.00	80.13 7.90 -3.21	73.82 8.39 -0.97	63.86 7.31 -0.01	106.36 6.89 -46.23	61.44 6.55 0.00	79.64 6.09 -22.67	59.17 6.03 0.00	58.77 5.87 0.00
PPL_PILGRIM_ST_GT1 24216	82.09 7.36 0.00	63.25 5.96 0.00	62.64 5.72 0.00	64.18 6.15 0.00	62.56 5.77 0.00	66.66 6.28 0.00	66.93 6.74 0.00	71.47 7.23 0.00	69.25 7.08 0.00	53.59 4.93 0.00	53.18 4.49 0.00	52.41 3.88 -4.99	43.70 3.37 -0.18	49.89 3.84 -3.92	52.96 4.80 0.00	70.68 6.44 0.00	79.94 7.71 -3.21	73.58 8.15 -0.97	63.64 7.09 -0.01	106.19 6.72 -46.23	61.29 6.40 0.00	79.53 5.98 -22.67	59.06 5.92 0.00	58.70 5.80 0.00
PPL_PILGRIM_ST_GT2 24217	82.09 7.36 0.00	63.25 5.96 0.00	62.64 5.72 0.00	64.18 6.15 0.00	62.56 5.77 0.00	66.66 6.28 0.00	66.93 6.74 0.00	71.47 7.23 0.00	69.25 7.08 0.00	53.59 4.93 0.00	53.18 4.49 0.00	52.41 3.88 -4.99	43.70 3.37 -0.18	49.89 3.84 -3.92	52.96 4.80 0.00	70.68 6.44 0.00	79.94 7.71 -3.21	73.58 8.15 -0.97	63.64 7.09 -0.01	106.19 6.72 -46.23	61.29 6.40 0.00	79.53 5.98 -22.67	59.06 5.92 0.00	58.70 5.80 0.00
PPL_SHRM_GT3 24213	82.11 7.38 0.00	63.19 5.90 0.00	62.57 5.65 0.00	64.40 6.37 0.00	62.89 6.10 0.00	67.05 6.67 0.00	67.42 7.23 0.00	71.98 7.74 0.00	69.64 7.47 0.00	53.42 4.77 0.00	53.27 4.59 0.00	52.45 3.92 -4.99	43.47 3.13 -0.18	49.99 3.94 -3.92	53.22 5.06 0.00	71.28 7.04 0.00	80.92 8.69 -3.21	74.63 9.19 -0.97	64.58 8.02 -0.01	107.00 7.54 -46.23	62.09 7.20 0.00	80.20 6.66 -22.67	59.73 6.58 0.00	59.27 6.38 0.00
PPL_SHRM_GT4 24214	82.11 7.38 0.00	63.19 5.90 0.00	62.57 5.65 0.00	64.40 6.37 0.00	62.89 6.10 0.00	67.05 6.67 0.00	67.42 7.23 0.00	71.98 7.74 0.00	69.64 7.47 0.00	53.42 4.77 0.00	53.27 4.59 0.00	52.45 3.92 -4.99	43.47 3.13 -0.18	49.99 3.94 -3.92	53.22 5.06 0.00	71.28 7.04 0.00	80.92 8.69 -3.21	74.63 9.19 -0.97	64.58 8.02 -0.01	107.00 7.54 -46.23	62.09 7.20 0.00	80.20 6.66 -22.67	59.73 6.58 0.00	59.27 6.38 0.00
PROJECT___ORANGE 1 24174	74.11 -0.62 0.00	56.82 -0.47 0.00	56.50 -0.42 0.00	57.55 -0.49 0.00	56.31 -0.48 0.00	59.87 -0.50 0.00	59.64 -0.54 0.00	63.36 -0.88 0.00	61.32 -0.85 0.00	47.73 -0.93 0.00	47.56 -1.12 0.00	42.56 -0.98 0.00	39.27 -0.89 0.00	41.18 -0.95 0.00	47.12 -1.03 0.00	63.02 -1.23 0.00	67.98 -1.04 0.00	63.63 -0.83 0.00	55.87 -0.68 0.00	52.48 -0.75 0.00	54.01 -0.88 0.00	49.95 -0.93 0.00	52.15 -0.99 0.00	51.91 -0.99 0.00
PROJECT___ORANGE 2 24166	74.11 -0.62 0.00	56.82 -0.47 0.00	56.50 -0.42 0.00	57.55 -0.49 0.00	56.31 -0.48 0.00	59.87 -0.50 0.00	59.64 -0.54 0.00	63.36 -0.88 0.00	61.32 -0.85 0.00	47.73 -0.93 0.00	47.56 -1.12 0.00	42.56 -0.98 0.00	39.27 -0.89 0.00	41.18 -0.95 0.00	47.12 -1.03 0.00	63.02 -1.23 0.00	67.98 -1.04 0.00	63.63 -0.83 0.00	55.87 -0.68 0.00	52.48 -0.75 0.00	54.01 -0.88 0.00	49.95 -0.93 0.00	52.15 -0.99 0.00	51.91 -0.99 0.00
PUCKETT___SOLAR 323809	77.33 2.60 0.00	59.22 1.93 0.00	58.96 2.04 0.00	60.13 2.10 0.00	58.80 2.01 0.00	62.54 2.16 0.00	62.48 2.30 0.00	66.35 2.12 0.00	64.14 1.97 0.00	49.60 0.94 0.00	49.14 0.46 0.00	43.93 0.39 0.00	40.45 0.29 0.00	42.45 0.32 0.00	48.69 0.54 0.00	65.44 1.20 0.00	70.91 1.94 0.06	66.41 1.95 0.00	58.40 1.86 0.00	54.85 1.62 0.00	56.34 1.45 0.00	51.86 0.98 0.00	53.88 0.74 0.00	53.50 0.60 0.00
PYRITES___HYD 24023	77.21 2.48 0.00	59.44 2.15 0.00	59.21 2.29 0.00	60.69 2.66 0.00	59.51 2.73 0.00	62.38 2.01 0.00	59.26 -0.93 0.00	63.29 -0.95 0.00	61.13 -1.05 0.00	47.19 -1.47 0.00	46.54 -2.14 0.00	41.93 -1.61 0.00	38.51 -1.65 0.00	40.14 -1.99 0.00	46.01 -2.14 0.00	63.19 -1.05 0.00	68.58 -0.44 0.00	64.52 0.06 0.00	56.44 -0.11 0.00	53.21 -0.03 0.00	54.88 -0.01 0.00	50.72 -0.16 0.00	53.92 0.77 0.00	55.66 2.76 0.00
QUAKERRD_115KV_BK1 80622	72.23 -2.49 0.00	55.40 -1.89 0.00	55.22 -1.70 0.00	56.12 -1.92 0.00	54.95 -1.84 0.00	58.32 -2.05 0.00	57.70 -2.48 0.00	60.63 -3.61 0.00	58.64 -3.54 0.00	45.93 -2.73 0.00	45.89 -2.80 0.00	41.12 -2.42 0.00	38.04 -2.12 0.00	39.79 -2.34 0.00	45.56 -2.60 0.00	60.87 -3.37 0.00	65.35 -3.70 -0.03	61.04 -3.42 0.00	53.42 -3.13 0.00	50.17 -3.06 0.00	51.72 -3.17 0.00	47.84 -3.04 0.00	50.11 -3.03 0.00	50.02 -2.87 0.00
QUEENSBRY_115KV_TB8 356137	80.98 6.25 0.00	62.19 4.89 0.00	61.75 4.83 0.00	62.87 4.84 0.00	61.44 4.66 0.00	65.41 5.04 0.00	65.40 5.21 0.00	69.59 5.35 0.00	66.93 4.76 0.00	51.63 2.97 0.00	50.95 2.27 0.00	45.13 1.59 0.00	41.58 1.42 0.00	43.73 1.60 0.00	50.17 2.02 0.00	67.42 3.17 0.00	73.41 4.38 0.00	68.79 4.33 0.00	60.46 3.91 0.00	56.84 3.60 0.00	58.30 3.42 0.00	54.06 3.18 0.00	56.36 3.21 0.00	56.02 3.12 0.00
RAMAPO___LBMP 323565	78.46 3.73 0.00	60.47 3.17 0.00	59.88 2.96 0.00	61.12 3.09 0.00	59.70 2.92 0.00	63.48 3.11 0.00	63.64 3.45 0.00	67.90 3.66 0.00	65.90 3.73 0.00	51.41 2.75 0.00	51.09 2.41 0.00	39.06 2.17 6.64	41.78 1.85 0.23	38.85 1.95 5.22	50.34 2.18 0.00	66.90 2.66 0.00	72.70 3.69 0.01	68.61 4.14 0.00	60.22 3.67 0.00	56.60 3.36 0.00	57.99 3.10 0.00	53.80 2.93 0.00	56.01 2.87 0.00	55.73 2.84 0.00
RANKINE____ 23646	73.89 -0.84 0.00	56.69 -0.60 0.00	56.65 -0.27 0.00	57.36 -0.67 0.00	56.14 -0.64 0.00	59.41 -0.96 0.00	58.08 -2.11 0.00	59.82 -4.42 0.00	57.81 -4.36 0.00	45.43 -3.22 0.00	45.46 -3.23 0.00	40.95 -2.59 0.00	38.15 -2.01 0.00	39.94 -2.19 0.00	45.62 -2.54 0.00	60.51 -3.74 0.00	63.90 -4.74 0.38	59.82 -4.64 0.00	52.33 -4.21 0.00	49.05 -4.19 0.00	50.67 -4.21 0.00	46.85 -4.03 0.00	49.30 -3.85 0.00	49.45 -3.44 0.00
RAVENSWOOD_GT2_1 24244	79.70 4.97 0.00	61.46 4.17 0.00	60.89 3.97 0.00	62.10 4.06 0.00	60.66 3.87 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.41 3.75 0.00	52.11 3.43 0.00	51.69 3.14 -5.01	43.14 2.80 -0.18	48.97 2.91 -3.93	51.42 3.27 0.00	68.11 3.86 0.00	73.98 4.96 0.01	69.83 5.36 0.00	61.32 4.77 0.00	57.65 4.41 0.00	58.99 4.10 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.70 3.80 0.00



RAVENSWOOD_GT2_2 24245	79.70 4.97 0.00	61.46 4.17 0.00	60.89 3.97 0.00	62.10 4.06 0.00	60.66 3.87 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.41 3.75 0.00	52.11 3.43 0.00	51.69 3.14 -5.01	43.14 2.80 -0.18	48.97 2.91 -3.93	51.42 3.27 0.00	68.11 3.86 0.00	73.98 4.96 0.01	69.83 5.36 0.00	61.32 4.77 0.00	57.65 4.41 0.00	58.99 4.10 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.70 3.80 0.00
RAVENSWOOD_GT2_3 24246	79.73 5.00 0.00	61.49 4.20 0.00	60.92 4.00 0.00	62.12 4.08 0.00	60.68 3.90 0.00	64.43 4.06 0.00	64.56 4.38 0.00	68.94 4.70 0.00	66.96 4.79 0.00	52.43 3.77 0.00	52.13 3.44 0.00	51.71 3.16 -5.01	43.15 2.81 -0.18	48.99 2.93 -3.93	51.43 3.28 0.00	68.15 3.91 0.00	74.02 5.00 0.01	69.86 5.39 0.00	61.34 4.80 0.00	57.66 4.42 0.00	59.01 4.13 0.00	54.76 3.88 0.00	57.02 3.87 0.00	56.73 3.84 0.00
RAVENSWOOD_GT2_4 24247	79.73 5.00 0.00	61.49 4.20 0.00	60.92 4.00 0.00	62.12 4.08 0.00	60.68 3.90 0.00	64.43 4.06 0.00	64.56 4.38 0.00	68.94 4.70 0.00	66.96 4.79 0.00	52.43 3.77 0.00	52.13 3.44 0.00	51.71 3.16 -5.01	43.15 2.81 -0.18	48.99 2.93 -3.93	51.43 3.28 0.00	68.15 3.91 0.00	74.02 5.00 0.01	69.86 5.39 0.00	61.34 4.80 0.00	57.66 4.42 0.00	59.01 4.13 0.00	54.76 3.88 0.00	57.02 3.87 0.00	56.73 3.84 0.00
RAVENSWOOD_GT3_1 24248	79.70 4.97 0.00	61.46 4.17 0.00	60.89 3.97 0.00	62.10 4.06 0.00	60.66 3.88 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.41 3.75 0.00	52.12 3.43 0.00	51.69 3.14 -5.01	43.14 2.80 -0.18	48.97 2.91 -3.93	51.43 3.27 0.00	68.11 3.86 0.00	73.98 4.97 0.01	69.84 5.37 0.00	61.33 4.78 0.00	57.65 4.41 0.00	58.99 4.11 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.70 3.81 0.00
RAVENSWOOD_GT3_2 24249	79.70 4.97 0.00	61.46 4.17 0.00	60.89 3.97 0.00	62.10 4.06 0.00	60.66 3.88 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.41 3.75 0.00	52.12 3.43 0.00	51.69 3.14 -5.01	43.14 2.80 -0.18	48.97 2.91 -3.93	51.43 3.27 0.00	68.11 3.86 0.00	73.98 4.97 0.01	69.84 5.37 0.00	61.33 4.78 0.00	57.65 4.41 0.00	58.99 4.11 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.70 3.81 0.00
RAVENSWOOD_GT3_3 24250	79.81 5.08 0.00	61.55 4.25 0.00	60.98 4.06 0.00	62.18 4.15 0.00	60.73 3.95 0.00	64.49 4.12 0.00	64.63 4.44 0.00	69.00 4.76 0.00	67.02 4.85 0.00	52.49 3.84 0.00	52.19 3.51 0.00	51.77 3.22 -5.01	43.20 2.87 -0.18	49.04 2.98 -3.93	51.50 3.34 0.00	68.23 3.99 0.00	74.10 5.08 0.01	69.94 5.48 0.00	61.41 4.87 0.00	57.73 4.50 0.00	59.08 4.19 0.00	54.81 3.93 0.00	57.07 3.93 0.00	56.79 3.89 0.00
RAVENSWOOD_GT3_4 24251	79.81 5.08 0.00	61.55 4.25 0.00	60.98 4.06 0.00	62.18 4.15 0.00	60.73 3.95 0.00	64.49 4.12 0.00	64.63 4.44 0.00	69.00 4.76 0.00	67.02 4.85 0.00	52.49 3.84 0.00	52.19 3.51 0.00	51.77 3.22 -5.01	43.20 2.87 -0.18	49.04 2.98 -3.93	51.50 3.34 0.00	68.23 3.99 0.00	74.10 5.08 0.01	69.94 5.48 0.00	61.41 4.87 0.00	57.73 4.50 0.00	59.08 4.19 0.00	54.81 3.93 0.00	57.07 3.93 0.00	56.79 3.89 0.00
RAVENSWOOD_GT_1 23729	79.84 5.11 0.00	61.60 4.31 0.00	61.02 4.10 0.00	62.21 4.18 0.00	60.78 4.00 0.00	64.50 4.13 0.00	64.61 4.43 0.00	68.99 4.75 0.00	67.08 4.91 0.00	52.57 3.92 0.00	52.26 3.58 0.00	51.82 3.28 -5.01	43.28 2.95 -0.18	49.11 3.05 -3.93	51.54 3.38 0.00	68.22 3.98 0.00	74.08 5.07 0.01	69.94 5.48 0.00	61.44 4.89 0.00	57.77 4.53 0.00	59.11 4.23 0.00	54.88 4.00 0.00	57.14 4.00 0.00	56.84 3.95 0.00
RAVENSWOOD_GT_10 24258	79.70 4.97 0.00	61.46 4.17 0.00	60.89 3.97 0.00	62.10 4.06 0.00	60.66 3.87 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.41 3.75 0.00	52.11 3.43 0.00	51.69 3.14 -5.01	43.13 2.79 -0.18	48.97 2.90 -3.93	51.42 3.27 0.00	68.12 3.87 0.00	73.99 4.97 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	58.99 4.10 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.70 3.80 0.00
RAVENSWOOD_GT_11 24259	79.70 4.97 0.00	61.46 4.17 0.00	60.89 3.97 0.00	62.10 4.06 0.00	60.66 3.87 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.41 3.75 0.00	52.11 3.43 0.00	51.69 3.14 -5.01	43.13 2.79 -0.18	48.97 2.90 -3.93	51.42 3.27 0.00	68.12 3.87 0.00	73.99 4.97 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	58.99 4.10 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.70 3.80 0.00
RAVENSWOOD_GT_4 24252	79.71 4.98 0.00	61.46 4.17 0.00	60.90 3.98 0.00	62.11 4.07 0.00	60.66 3.88 0.00	64.42 4.04 0.00	64.54 4.36 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.40 3.75 0.00	52.11 3.42 0.00	51.69 3.14 -5.01	43.13 2.79 -0.18	48.97 2.91 -3.93	51.42 3.27 0.00	68.12 3.88 0.00	74.01 5.00 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	59.00 4.11 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.71 3.81 0.00
RAVENSWOOD_GT_5 24254	79.71 4.98 0.00	61.46 4.17 0.00	60.90 3.98 0.00	62.11 4.07 0.00	60.66 3.88 0.00	64.42 4.04 0.00	64.54 4.36 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.40 3.75 0.00	52.11 3.42 0.00	51.69 3.14 -5.01	43.13 2.79 -0.18	48.97 2.91 -3.93	51.42 3.27 0.00	68.12 3.88 0.00	74.01 5.00 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	59.00 4.11 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.71 3.81 0.00
RAVENSWOOD_GT_6 24253	79.71 4.98 0.00	61.46 4.17 0.00	60.90 3.98 0.00	62.11 4.07 0.00	60.66 3.88 0.00	64.42 4.04 0.00	64.54 4.36 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.40 3.75 0.00	52.11 3.42 0.00	51.69 3.14 -5.01	43.13 2.79 -0.18	48.97 2.91 -3.93	51.42 3.27 0.00	68.12 3.88 0.00	74.01 5.00 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	59.00 4.11 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.71 3.81 0.00
RAVENSWOOD_GT_7 24255	79.71 4.98 0.00	61.46 4.17 0.00	60.90 3.98 0.00	62.11 4.07 0.00	60.66 3.88 0.00	64.42 4.04 0.00	64.54 4.36 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.40 3.75 0.00	52.11 3.42 0.00	51.69 3.14 -5.01	43.13 2.79 -0.18	48.97 2.91 -3.93	51.42 3.27 0.00	68.12 3.88 0.00	74.01 5.00 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	59.00 4.11 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.71 3.81 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	79.70 4.97 0.00	61.46 4.17 0.00	60.89 3.97 0.00	62.10 4.06 0.00	60.66 3.87 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.41 3.75 0.00	52.11 3.43 0.00	51.69 3.14 -5.01	43.13 2.79 -0.18	48.97 2.90 -3.93	51.42 3.27 0.00	68.12 3.87 0.00	73.99 4.97 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	58.99 4.10 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.70 3.80 0.00

RAVENSWOOD_GT_9 24257	79.70 4.97 0.00	61.46 4.17 0.00	60.89 3.97 0.00	62.10 4.06 0.00	60.66 3.87 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.93 4.76 0.00	52.41 3.75 0.00	52.11 3.43 0.00	51.69 3.14 -5.01	43.13 2.79 -0.18	48.97 2.90 -3.93	51.42 3.27 0.00	68.12 3.87 0.00	73.99 4.97 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	58.99 4.10 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.70 3.80 0.00
RAVENSWOOD___1 23533	79.69 4.96 0.00	61.49 4.19 0.00	60.93 4.01 0.00	62.11 4.07 0.00	60.68 3.90 0.00	64.41 4.04 0.00	64.52 4.33 0.00	68.91 4.67 0.00	66.98 4.81 0.00	52.50 3.84 0.00	52.16 3.48 0.00	51.72 3.18 -5.01	43.19 2.85 -0.18	49.03 2.96 -3.93	51.44 3.28 0.00	68.11 3.87 0.00	73.97 4.95 0.01	69.83 5.37 0.00	61.34 4.79 0.00	57.66 4.43 0.00	59.01 4.12 0.00	54.78 3.90 0.00	57.03 3.89 0.00	56.74 3.84 0.00
RAVENSWOOD___2 23534	79.69 4.96 0.00	61.49 4.19 0.00	60.93 4.01 0.00	62.11 4.07 0.00	60.68 3.90 0.00	64.41 4.04 0.00	64.52 4.33 0.00	68.91 4.67 0.00	66.98 4.81 0.00	52.50 3.84 0.00	52.16 3.48 0.00	51.72 3.18 -5.01	43.19 2.85 -0.18	49.03 2.96 -3.93	51.44 3.28 0.00	68.11 3.87 0.00	73.97 4.95 0.01	69.83 5.37 0.00	61.34 4.79 0.00	57.66 4.43 0.00	59.01 4.12 0.00	54.78 3.90 0.00	57.03 3.89 0.00	56.74 3.84 0.00
RAVENSWOOD___3 23535	79.70 4.97 0.00	61.46 4.17 0.00	60.90 3.98 0.00	62.10 4.06 0.00	60.67 3.89 0.00	64.41 4.04 0.00	64.54 4.35 0.00	68.89 4.65 0.00	66.94 4.78 0.00	52.42 3.76 0.00	52.12 3.43 0.00	51.68 3.13 -5.01	43.14 2.80 -0.18	48.97 2.91 -3.93	51.43 3.27 0.00	68.11 3.87 0.00	73.99 4.98 0.01	69.83 5.36 0.00	61.33 4.78 0.00	57.65 4.41 0.00	58.99 4.11 0.00	54.73 3.85 0.00	56.99 3.84 0.00	56.71 3.81 0.00
RAVENSWOOD___4 23820	79.69 4.96 0.00	61.49 4.19 0.00	60.93 4.01 0.00	62.11 4.07 0.00	60.68 3.90 0.00	64.41 4.04 0.00	64.52 4.33 0.00	68.91 4.67 0.00	66.98 4.81 0.00	52.50 3.84 0.00	52.16 3.48 0.00	51.72 3.18 -5.01	43.19 2.85 -0.18	49.03 2.96 -3.93	51.44 3.28 0.00	68.11 3.87 0.00	73.97 4.95 0.01	69.83 5.37 0.00	61.34 4.79 0.00	57.66 4.43 0.00	59.01 4.12 0.00	54.78 3.90 0.00	57.03 3.89 0.00	56.74 3.84 0.00
RCPI_TRUST___DRP 24196	79.79 5.06 0.00	61.52 4.23 0.00	60.95 4.03 0.00	62.16 4.13 0.00	60.72 3.94 0.00	64.48 4.10 0.00	64.60 4.42 0.00	68.95 4.71 0.00	67.01 4.84 0.00	52.48 3.82 0.00	52.19 3.51 0.00	51.79 3.23 -5.02	43.21 2.88 -0.18	49.07 3.00 -3.94	51.52 3.37 0.00	68.24 4.00 0.00	74.12 5.10 0.01	69.96 5.50 0.00	61.42 4.88 0.00	57.71 4.47 0.00	59.06 4.18 0.00	54.78 3.90 0.00	57.06 3.92 0.00	56.77 3.87 0.00
RED___ROCHESTER 323720	74.11 -0.62 0.00	56.84 -0.45 0.00	56.64 -0.28 0.00	57.53 -0.50 0.00	56.34 -0.44 0.00	59.79 -0.58 0.00	59.04 -1.15 0.00	61.83 -2.41 0.00	59.88 -2.29 0.00	46.87 -1.79 0.00	46.83 -1.86 0.00	42.02 -1.52 0.00	38.88 -1.28 0.00	40.65 -1.48 0.00	46.53 -1.63 0.00	62.14 -2.10 0.00	66.67 -2.38 -0.03	62.36 -2.10 0.00	54.57 -1.98 0.00	51.23 -2.01 0.00	52.81 -2.08 0.00	48.85 -2.03 0.00	51.21 -1.93 0.00	51.13 -1.76 0.00
REGAN___SOLAR 323812	79.84 5.11 0.00	61.20 3.91 0.00	60.81 3.89 0.00	62.01 3.98 0.00	60.70 3.92 0.00	64.64 4.27 0.00	64.59 4.40 0.00	68.99 4.75 0.00	66.09 3.92 0.00	50.37 1.71 0.00	49.87 1.19 0.00	44.52 0.98 0.00	41.04 0.88 0.00	43.03 0.90 0.00	49.61 1.46 0.00	67.83 3.59 0.00	74.32 5.30 0.00	69.72 5.26 0.00	61.12 4.57 0.00	57.43 4.20 0.00	59.05 4.17 0.00	54.64 3.76 0.00	56.80 3.66 0.00	56.41 3.52 0.00
RENSSELAER___COGEN 23796	77.48 2.75 0.00	59.62 2.33 0.00	59.24 2.32 0.00	60.37 2.34 0.00	58.91 2.13 0.00	62.67 2.30 0.00	62.59 2.41 0.00	66.62 2.38 0.00	64.49 2.32 0.00	50.33 1.67 0.00	50.08 1.40 0.00	44.74 1.19 0.00	41.27 1.11 0.00	43.26 1.14 0.00	49.20 1.04 0.00	65.64 1.40 0.00	71.01 1.99 0.00	66.54 2.07 0.00	58.43 1.88 0.00	55.08 1.84 0.00	56.54 1.65 0.00	52.50 1.62 0.00	55.10 1.96 0.00	54.87 1.98 0.00
REPUBLIC_115KV_BARTNBRK 55605	84.56 9.83 0.00	64.86 7.57 0.00	64.42 7.50 0.00	65.34 7.30 0.00	63.82 7.04 0.00	67.75 7.38 0.00	67.77 7.58 0.00	72.89 8.66 0.00	70.01 7.84 0.00	53.48 4.82 0.00	52.93 4.24 0.00	46.54 3.00 0.00	42.74 2.58 0.00	44.93 2.80 0.00	51.82 3.67 0.00	69.88 5.64 0.00	77.09 8.06 0.00	72.15 7.68 0.00	63.62 7.07 0.00	59.67 6.44 0.00	61.07 6.18 0.00	56.58 5.71 0.00	58.93 5.79 0.00	58.74 5.84 0.00
REVERE_CPPR_DRP 24186	77.78 3.05 0.00	59.75 2.45 0.00	59.42 2.50 0.00	60.62 2.59 0.00	59.44 2.65 0.00	63.30 2.93 0.00	63.11 2.92 0.00	67.28 3.04 0.00	65.22 3.05 0.00	50.65 1.99 0.00	50.26 1.57 0.00	44.82 1.27 0.00	41.22 1.06 0.00	43.20 1.07 0.00	49.53 1.37 0.00	66.65 2.41 0.00	72.29 3.27 0.00	67.67 3.21 0.00	59.37 2.83 0.00	55.80 2.57 0.00	57.39 2.51 0.00	53.01 2.14 0.00	55.26 2.11 0.00	54.89 2.00 0.00
REYNOLDS_115KV_TB3 80639	77.82 3.09 0.00	59.92 2.63 0.00	59.49 2.57 0.00	60.63 2.60 0.00	59.13 2.35 0.00	62.94 2.56 0.00	62.84 2.66 0.00	66.89 2.65 0.00	64.77 2.60 0.00	50.53 1.87 0.00	50.36 1.68 0.00	44.97 1.43 0.00	41.50 1.34 0.00	43.53 1.40 0.00	49.58 1.43 0.00	66.14 1.90 0.00	71.56 2.54 0.00	67.07 2.61 0.00	58.90 2.35 0.00	55.53 2.29 0.00	57.00 2.11 0.00	52.89 2.01 0.00	55.43 2.28 0.00	55.18 2.29 0.00
RIVERBAY____ 323610	79.83 5.10 0.00	61.68 4.39 0.00	61.06 4.14 0.00	62.26 4.23 0.00	60.89 4.11 0.00	64.65 4.27 0.00	64.84 4.66 0.00	69.28 5.04 0.00	67.33 5.16 0.00	52.67 4.01 0.00	52.34 3.66 0.00	51.91 3.37 -5.01	43.21 2.88 -0.18	48.90 2.84 -3.93	51.31 3.15 0.00	68.06 3.82 0.00	74.01 5.00 0.01	69.93 5.47 0.00	61.48 4.94 0.00	57.96 4.72 0.00	59.29 4.41 0.00	55.06 4.18 0.00	57.23 4.08 0.00	56.95 4.06 0.00
RIVERSDE_115KV_TB3 55908	77.81 3.09 0.00	59.89 2.60 0.00	59.48 2.56 0.00	60.62 2.58 0.00	59.14 2.36 0.00	62.94 2.56 0.00	62.85 2.67 0.00	66.91 2.67 0.00	64.78 2.61 0.00	50.54 1.89 0.00	50.32 1.64 0.00	44.95 1.40 0.00	41.47 1.31 0.00	43.49 1.36 0.00	49.49 1.34 0.00	66.03 1.79 0.00	71.43 2.40 0.00	66.95 2.48 0.00	58.78 2.24 0.00	55.42 2.18 0.00	56.88 1.99 0.00	52.80 1.92 0.00	55.39 2.25 0.00	55.14 2.25 0.00
ROARING___BROOK_WT_PWR 323790	73.92 -0.81 0.00	56.68 -0.62 0.00	56.40 -0.52 0.00	57.62 -0.41 0.00	56.39 -0.39 0.00	59.95 -0.43 0.00	59.67 -0.52 0.00	63.85 -0.39 0.00	61.77 -0.40 0.00	48.50 -0.15 0.00	48.67 -0.02 0.00	43.54 0.00 0.00	40.18 0.02 0.00	42.14 0.01 0.00	48.18 0.03 0.00	64.27 0.03 0.00	68.78 -0.25 0.00	64.07 -0.39 0.00	56.17 -0.39 0.00	52.89 -0.35 0.00	54.61 -0.27 0.00	50.65 -0.23 0.00	52.81 -0.34 0.00	52.25 -0.64 0.00

ROCHESRG_115KV_T4 355643	73.25 -1.48 0.00	56.19 -1.10 0.00	56.03 -0.89 0.00	56.91 -1.13 0.00	55.70 -1.08 0.00	59.11 -1.27 0.00	58.32 -1.86 0.00	61.05 -3.19 0.00	59.08 -3.10 0.00	46.29 -2.37 0.00	46.27 -2.42 0.00	41.49 -2.05 0.00	38.44 -1.72 0.00	40.21 -1.92 0.00	45.99 -2.17 0.00	61.35 -2.90 0.00	65.76 -3.29 -0.04	61.43 -3.04 0.00	53.77 -2.78 0.00	50.49 -2.74 0.00	52.07 -2.82 0.00	48.19 -2.69 0.00	50.54 -2.61 0.00	50.51 -2.38 0.00
ROCHESTER_9_IC 23652	73.70 -1.03 0.00	56.54 -0.76 0.00	56.36 -0.57 0.00	57.23 -0.80 0.00	56.04 -0.74 0.00	59.47 -0.90 0.00	58.70 -1.49 0.00	61.46 -2.78 0.00	59.48 -2.69 0.00	46.59 -2.07 0.00	46.56 -2.13 0.00	41.74 -1.80 0.00	38.67 -1.49 0.00	40.43 -1.70 0.00	46.27 -1.88 0.00	61.74 -2.51 0.00	66.21 -2.84 -0.03	61.89 -2.57 0.00	54.17 -2.37 0.00	50.86 -2.38 0.00	52.44 -2.44 0.00	48.53 -2.35 0.00	50.87 -2.28 0.00	50.84 -2.06 0.00
ROCKVIEW_13_KV_LD 356306	79.91 5.18 0.00	61.57 4.28 0.00	61.02 4.10 0.00	62.27 4.24 0.00	60.81 4.03 0.00	64.63 4.25 0.00	64.76 4.57 0.00	69.13 4.89 0.00	67.10 4.93 0.00	52.37 3.72 0.00	52.08 3.40 0.00	51.63 3.08 -5.02	43.08 2.74 -0.18	48.97 2.90 -3.94	51.43 3.28 0.00	68.28 4.04 0.00	74.18 5.16 0.01	69.99 5.53 0.00	61.43 4.89 0.00	57.72 4.48 0.00	59.10 4.22 0.00	54.81 3.93 0.00	57.05 3.90 0.00	56.74 3.85 0.00
ROME____115KV_TB2 80656	77.78 3.05 0.00	59.75 2.45 0.00	59.42 2.50 0.00	60.62 2.59 0.00	59.44 2.65 0.00	63.30 2.93 0.00	63.11 2.92 0.00	67.28 3.04 0.00	65.22 3.05 0.00	50.65 1.99 0.00	50.26 1.57 0.00	44.82 1.27 0.00	41.22 1.06 0.00	43.20 1.07 0.00	49.53 1.37 0.00	66.65 2.41 0.00	72.29 3.27 0.00	67.67 3.21 0.00	59.37 2.83 0.00	55.80 2.57 0.00	57.39 2.51 0.00	53.01 2.14 0.00	55.26 2.11 0.00	54.89 2.00 0.00
ROSETON___1 23587	78.82 4.09 0.00	60.71 3.42 0.00	60.17 3.25 0.00	61.40 3.37 0.00	59.96 3.17 0.00	63.73 3.36 0.00	63.84 3.66 0.00	68.13 3.89 0.00	66.07 3.90 0.00	51.55 2.90 0.00	51.26 2.57 0.00	45.83 2.29 0.00	42.15 1.99 0.00	44.25 2.12 0.00	50.52 2.37 0.00	67.17 2.93 0.00	72.97 3.96 0.01	68.78 4.31 0.00	60.37 3.83 0.00	56.75 3.51 0.00	58.16 3.27 0.00	53.93 3.05 0.00	56.18 3.03 0.00	55.89 3.00 0.00
ROSETON___2 23588	78.82 4.09 0.00	60.71 3.42 0.00	60.17 3.25 0.00	61.40 3.37 0.00	59.96 3.17 0.00	63.73 3.36 0.00	63.84 3.66 0.00	68.13 3.89 0.00	66.07 3.90 0.00	51.55 2.90 0.00	51.26 2.57 0.00	45.83 2.29 0.00	42.15 1.99 0.00	44.25 2.12 0.00	50.52 2.37 0.00	67.17 2.93 0.00	72.97 3.96 0.01	68.78 4.31 0.00	60.37 3.83 0.00	56.75 3.51 0.00	58.16 3.27 0.00	53.93 3.05 0.00	56.18 3.03 0.00	55.89 3.00 0.00
ROTRDAM_115KV_TB3 80664	77.51 2.78 0.00	59.56 2.26 0.00	59.14 2.22 0.00	60.28 2.24 0.00	58.90 2.12 0.00	62.66 2.29 0.00	62.57 2.39 0.00	66.70 2.46 0.00	64.46 2.29 0.00	50.16 1.51 0.00	49.95 1.26 0.00	44.59 1.05 0.00	41.10 0.94 0.00	43.17 1.04 0.00	49.39 1.24 0.00	66.07 1.83 0.00	71.49 2.47 0.00	66.98 2.51 0.00	58.81 2.27 0.00	55.33 2.10 0.00	56.88 1.99 0.00	52.71 1.83 0.00	55.02 1.87 0.00	54.73 1.84 0.00
RUSSELL___1 23602	74.11 -0.62 0.00	56.84 -0.45 0.00	56.66 -0.25 0.00	57.52 -0.51 0.00	56.33 -0.45 0.00	59.79 -0.58 0.00	59.03 -1.16 0.00	61.83 -2.41 0.00	59.86 -2.30 0.00	46.87 -1.78 0.00	46.83 -1.85 0.00	41.99 -1.55 0.00	38.89 -1.28 0.00	40.65 -1.48 0.00	46.53 -1.62 0.00	62.14 -2.10 0.00	66.67 -2.38 -0.03	62.34 -2.13 0.00	54.57 -1.98 0.00	51.23 -2.01 0.00	52.80 -2.08 0.00	48.85 -2.03 0.00	51.20 -1.95 0.00	51.13 -1.76 0.00
RUSSELL___2 23532	74.11 -0.62 0.00	56.84 -0.45 0.00	56.66 -0.25 0.00	57.52 -0.51 0.00	56.33 -0.45 0.00	59.79 -0.58 0.00	59.03 -1.16 0.00	61.83 -2.41 0.00	59.86 -2.30 0.00	46.87 -1.78 0.00	46.83 -1.85 0.00	41.99 -1.55 0.00	38.89 -1.28 0.00	40.65 -1.48 0.00	46.53 -1.62 0.00	62.14 -2.10 0.00	66.67 -2.38 -0.03	62.34 -2.13 0.00	54.57 -1.98 0.00	51.23 -2.01 0.00	52.80 -2.08 0.00	48.85 -2.03 0.00	51.20 -1.95 0.00	51.13 -1.76 0.00
RUSSELL___3 23549	74.11 -0.62 0.00	56.84 -0.45 0.00	56.66 -0.25 0.00	57.52 -0.51 0.00	56.33 -0.45 0.00	59.79 -0.58 0.00	59.03 -1.16 0.00	61.83 -2.41 0.00	59.86 -2.30 0.00	46.87 -1.78 0.00	46.83 -1.85 0.00	41.99 -1.55 0.00	38.89 -1.28 0.00	40.65 -1.48 0.00	46.53 -1.62 0.00	62.14 -2.10 0.00	66.67 -2.38 -0.03	62.34 -2.13 0.00	54.57 -1.98 0.00	51.23 -2.01 0.00	52.80 -2.08 0.00	48.85 -2.03 0.00	51.20 -1.95 0.00	51.13 -1.76 0.00
RUSSELL___4 23556	74.11 -0.62 0.00	56.84 -0.45 0.00	56.66 -0.25 0.00	57.52 -0.51 0.00	56.33 -0.45 0.00	59.79 -0.58 0.00	59.03 -1.16 0.00	61.83 -2.41 0.00	59.86 -2.30 0.00	46.87 -1.78 0.00	46.83 -1.85 0.00	41.99 -1.55 0.00	38.89 -1.28 0.00	40.65 -1.48 0.00	46.53 -1.62 0.00	62.14 -2.10 0.00	66.67 -2.38 -0.03	62.34 -2.13 0.00	54.57 -1.98 0.00	51.23 -2.01 0.00	52.80 -2.08 0.00	48.85 -2.03 0.00	51.20 -1.95 0.00	51.13 -1.76 0.00
RUSSELL___STATION 23914	74.11 -0.62 0.00	56.84 -0.45 0.00	56.66 -0.25 0.00	57.52 -0.51 0.00	56.33 -0.45 0.00	59.79 -0.58 0.00	59.03 -1.16 0.00	61.83 -2.41 0.00	59.86 -2.30 0.00	46.87 -1.78 0.00	46.83 -1.85 0.00	41.99 -1.55 0.00	38.89 -1.28 0.00	40.65 -1.48 0.00	46.53 -1.62 0.00	62.14 -2.10 0.00	66.67 -2.38 -0.03	62.34 -2.13 0.00	54.57 -1.98 0.00	51.23 -2.01 0.00	52.80 -2.08 0.00	48.85 -2.03 0.00	51.20 -1.95 0.00	51.13 -1.76 0.00
S SALMON___HYD 24043	73.35 -1.38 0.00	56.33 -0.96 0.00	56.07 -0.85 0.00	57.23 -0.80 0.00	56.07 -0.71 0.00	59.71 -0.67 0.00	59.41 -0.77 0.00	63.29 -0.95 0.00	61.28 -0.89 0.00	47.63 -1.02 0.00	47.53 -1.16 0.00	42.49 -1.05 0.00	39.15 -1.01 0.00	40.98 -1.15 0.00	46.92 -1.24 0.00	63.00 -1.25 0.00	68.23 -0.79 0.00	64.00 -0.46 0.00	56.15 -0.40 0.00	52.80 -0.43 0.00	54.30 -0.59 0.00	50.19 -0.69 0.00	52.41 -0.74 0.00	52.10 -0.79 0.00
S.PERRY___115KV_TB1 80734	75.53 0.80 0.00	57.50 0.21 0.00	57.28 0.36 0.00	58.12 0.09 0.00	56.96 0.17 0.00	60.37 -0.01 0.00	59.74 -0.44 0.00	62.42 -1.81 0.00	60.28 -1.89 0.00	46.49 -2.17 0.00	45.74 -2.95 0.00	40.78 -2.76 0.00	37.75 -2.41 0.00	39.48 -2.65 0.00	45.30 -2.86 0.00	61.09 -3.15 0.00	66.50 -2.41 0.11	62.28 -2.19 0.00	54.50 -2.05 0.00	51.07 -2.17 0.00	52.58 -2.30 0.00	48.41 -2.47 0.00	50.52 -2.62 0.00	51.42 -1.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	72.83 -1.90 0.00	55.90 -1.40 0.00	55.87 -1.05 0.00	56.58 -1.46 0.00	55.39 -1.39 0.00	58.59 -1.78 0.00	57.25 -2.94 0.00	58.90 -5.34 0.00	56.92 -5.25 0.00	44.83 -3.82 0.00	44.90 -3.78 0.00	40.45 -3.10 0.00	37.68 -2.48 0.00	39.44 -2.69 0.00	44.97 -3.18 0.00	59.57 -4.67 0.00	62.82 -5.78 0.42	58.92 -5.55 0.00	51.57 -4.98 0.00	48.37 -4.87 0.00	49.98 -4.90 0.00	46.28 -4.60 0.00	48.75 -4.40 0.00	48.94 -3.96 0.00

SAWYER___23_KV_LOAD 55526	72.83 -1.90 0.00	55.90 -1.40 0.00	55.87 -1.05 0.00	56.58 -1.46 0.00	55.39 -1.39 0.00	58.59 -1.78 0.00	57.25 -2.94 0.00	58.90 -5.34 0.00	56.92 -5.25 0.00	44.83 -3.82 0.00	44.90 -3.78 0.00	40.45 -3.10 0.00	37.68 -2.48 0.00	39.44 -2.69 0.00	44.97 -3.18 0.00	59.57 -4.67 0.00	62.82 -5.78 0.42	58.92 -5.55 0.00	51.57 -4.98 0.00	48.37 -4.87 0.00	49.98 -4.90 0.00	46.28 -4.60 0.00	48.75 -4.40 0.00	48.94 -3.96 0.00
SELKIRK___I 23801	77.62 2.90 0.00	59.69 2.39 0.00	59.31 2.39 0.00	60.44 2.40 0.00	59.01 2.23 0.00	62.79 2.42 0.00	62.70 2.51 0.00	66.75 2.51 0.00	64.50 2.33 0.00	50.17 1.51 0.00	49.95 1.26 0.00	44.64 1.10 0.00	41.18 1.02 0.00	43.16 1.04 0.00	49.22 1.07 0.00	65.90 1.66 0.00	71.25 2.23 0.00	66.73 2.26 0.00	58.60 2.06 0.00	55.19 1.95 0.00	56.69 1.81 0.00	52.59 1.71 0.00	55.11 1.97 0.00	54.88 1.99 0.00
SELKIRK___II 23799	77.38 2.65 0.00	59.52 2.23 0.00	59.12 2.20 0.00	60.26 2.23 0.00	58.83 2.05 0.00	62.58 2.21 0.00	62.51 2.32 0.00	66.57 2.33 0.00	64.43 2.26 0.00	50.26 1.61 0.00	50.04 1.36 0.00	44.70 1.16 0.00	41.22 1.07 0.00	43.24 1.11 0.00	49.26 1.11 0.00	65.75 1.51 0.00	71.09 2.07 0.00	66.62 2.16 0.00	58.51 1.96 0.00	55.11 1.88 0.00	56.61 1.72 0.00	52.53 1.65 0.00	55.03 1.88 0.00	54.77 1.88 0.00
SENECA OSWGO___HYD 24041	72.97 -1.76 0.00	55.96 -1.34 0.00	55.61 -1.31 0.00	56.66 -1.37 0.00	55.45 -1.33 0.00	58.97 -1.41 0.00	58.73 -1.46 0.00	62.46 -1.78 0.00	60.45 -1.72 0.00	47.09 -1.56 0.00	47.02 -1.67 0.00	42.10 -1.44 0.00	38.82 -1.34 0.00	40.68 -1.45 0.00	46.53 -1.62 0.00	62.25 -1.99 0.00	67.15 -1.87 0.00	62.86 -1.60 0.00	55.20 -1.35 0.00	51.91 -1.33 0.00	53.41 -1.48 0.00	49.41 -1.47 0.00	51.60 -1.55 0.00	51.29 -1.60 0.00
SENECA___115KV_TB3 355854	74.03 -0.70 0.00	56.80 -0.49 0.00	56.75 -0.17 0.00	57.46 -0.57 0.00	56.24 -0.54 0.00	59.51 -0.87 0.00	58.19 -2.00 0.00	59.93 -4.31 0.00	57.91 -4.26 0.00	45.52 -3.14 0.00	45.55 -3.14 0.00	41.03 -2.51 0.00	38.22 -1.94 0.00	40.00 -2.13 0.00	45.70 -2.46 0.00	60.62 -3.62 0.00	64.02 -4.62 0.38	59.95 -4.52 0.00	52.44 -4.11 0.00	49.15 -4.09 0.00	50.78 -4.11 0.00	46.94 -3.94 0.00	49.40 -3.75 0.00	49.54 -3.36 0.00
SENECA___ENERGY 23797	74.72 -0.01 0.00	57.22 -0.07 0.00	57.00 0.07 0.00	57.99 -0.04 0.00	56.74 -0.04 0.00	60.30 -0.07 0.00	59.99 -0.19 0.00	63.40 -0.84 0.00	61.24 -0.92 0.00	47.90 -0.75 0.00	47.70 -0.98 0.00	42.64 -0.90 0.00	39.49 -0.67 0.00	41.35 -0.78 0.00	47.35 -0.81 0.00	63.29 -0.95 0.00	68.70 -0.32 0.00	63.95 -0.51 0.00	55.62 -0.93 0.00	52.28 -0.95 0.00	53.83 -1.06 0.00	49.66 -1.22 0.00	51.87 -1.28 0.00	51.66 -1.23 0.00
SHOEMAKER___GT 23640	78.18 3.45 0.00	60.20 2.91 0.00	59.64 2.72 0.00	60.85 2.81 0.00	59.45 2.67 0.00	63.21 2.84 0.00	63.32 3.14 0.00	67.55 3.31 0.00	65.48 3.31 0.00	51.03 2.38 0.00	50.70 2.02 0.00	41.55 1.78 3.77	41.54 1.52 0.13	40.78 1.61 2.96	50.00 1.84 0.00	66.60 2.35 0.00	72.38 3.36 0.01	68.20 3.73 0.00	59.86 3.31 0.00	56.26 3.03 0.00	57.70 2.82 0.00	53.50 2.62 0.00	55.71 2.56 0.00	55.42 2.53 0.00
SHOEMAKR_138KV_BK 111 55601	78.16 3.43 0.00	60.19 2.89 0.00	59.62 2.70 0.00	60.84 2.81 0.00	59.43 2.65 0.00	63.21 2.83 0.00	63.30 3.11 0.00	67.55 3.31 0.00	65.48 3.31 0.00	51.05 2.39 0.00	50.73 2.04 0.00	41.72 1.82 3.64	41.58 1.55 0.13	40.91 1.64 2.86	50.02 1.87 0.00	66.60 2.36 0.00	72.35 3.34 0.01	68.19 3.72 0.00	59.86 3.31 0.00	56.26 3.02 0.00	57.70 2.81 0.00	53.49 2.61 0.00	55.70 2.55 0.00	55.42 2.53 0.00
SHOREHAM_IC_1 23715	82.11 7.38 0.00	63.19 5.90 0.00	62.57 5.65 0.00	64.40 6.37 0.00	62.89 6.10 0.00	67.05 6.67 0.00	67.42 7.23 0.00	71.98 7.74 0.00	69.64 7.47 0.00	53.42 4.77 0.00	53.27 4.59 0.00	52.45 3.92 -4.99	43.47 3.13 -0.18	49.99 3.94 -3.92	53.22 5.06 0.00	71.28 7.04 0.00	80.92 8.69 -3.21	74.63 9.19 -0.97	64.58 8.02 -0.01	107.00 7.54 -46.23	62.09 7.20 0.00	80.20 6.66 -22.67	59.73 6.58 0.00	59.27 6.38 0.00
SHOREHAM_IC_2 23716	82.11 7.38 0.00	63.19 5.90 0.00	62.57 5.65 0.00	64.40 6.37 0.00	62.89 6.10 0.00	67.05 6.67 0.00	67.42 7.23 0.00	71.98 7.74 0.00	69.64 7.47 0.00	53.42 4.77 0.00	53.27 4.59 0.00	52.45 3.92 -4.99	43.47 3.13 -0.18	49.99 3.94 -3.92	53.22 5.06 0.00	71.28 7.04 0.00	80.92 8.69 -3.21	74.63 9.19 -0.97	64.58 8.02 -0.01	107.00 7.54 -46.23	62.09 7.20 0.00	80.20 6.66 -22.67	59.73 6.58 0.00	59.27 6.38 0.00
SISSONVILLE____ 23735	74.99 0.26 0.00	57.73 0.44 0.00	57.50 0.58 0.00	58.98 0.95 0.00	57.79 1.01 0.00	60.56 0.18 0.00	57.58 -2.61 0.00	61.42 -2.82 0.00	59.43 -2.74 0.00	46.49 -2.17 0.00	46.23 -2.45 0.00	41.69 -1.85 0.00	38.29 -1.87 0.00	39.96 -2.16 0.00	45.82 -2.33 0.00	62.40 -1.84 0.00	66.65 -2.37 0.00	62.53 -1.94 0.00	54.69 -1.85 0.00	51.59 -1.64 0.00	53.21 -1.68 0.00	49.22 -1.66 0.00	52.41 -0.74 0.00	54.08 1.19 0.00
SITHE_IND_GS1 24169	72.25 -2.48 0.00	55.41 -1.88 0.00	55.08 -1.84 0.00	56.12 -1.91 0.00	54.91 -1.87 0.00	58.38 -1.99 0.00	58.16 -2.03 0.00	61.83 -2.41 0.00	59.85 -2.32 0.00	46.70 -1.95 0.00	46.64 -2.05 0.00	41.72 -1.82 0.00	38.51 -1.66 0.00	40.38 -1.75 0.00	46.17 -1.98 0.00	61.68 -2.56 0.00	66.45 -2.57 0.00	62.16 -2.31 0.00	54.54 -2.01 0.00	51.30 -1.94 0.00	52.82 -2.06 0.00	48.90 -1.98 0.00	51.07 -2.07 0.00	50.83 -2.06 0.00
SITHE_IND_GS2 24170	72.25 -2.48 0.00	55.41 -1.88 0.00	55.08 -1.84 0.00	56.12 -1.91 0.00	54.91 -1.87 0.00	58.38 -1.99 0.00	58.16 -2.03 0.00	61.83 -2.41 0.00	59.85 -2.32 0.00	46.70 -1.95 0.00	46.64 -2.05 0.00	41.72 -1.82 0.00	38.51 -1.66 0.00	40.38 -1.75 0.00	46.17 -1.98 0.00	61.68 -2.56 0.00	66.45 -2.57 0.00	62.16 -2.31 0.00	54.54 -2.01 0.00	51.30 -1.94 0.00	52.82 -2.06 0.00	48.90 -1.98 0.00	51.07 -2.07 0.00	50.83 -2.06 0.00
SITHE_IND_GS3 24171	72.25 -2.48 0.00	55.41 -1.88 0.00	55.08 -1.84 0.00	56.12 -1.91 0.00	54.91 -1.87 0.00	58.38 -1.99 0.00	58.16 -2.03 0.00	61.83 -2.41 0.00	59.85 -2.32 0.00	46.70 -1.95 0.00	46.64 -2.05 0.00	41.72 -1.82 0.00	38.51 -1.66 0.00	40.38 -1.75 0.00	46.17 -1.98 0.00	61.68 -2.56 0.00	66.45 -2.57 0.00	62.16 -2.31 0.00	54.54 -2.01 0.00	51.30 -1.94 0.00	52.82 -2.06 0.00	48.90 -1.98 0.00	51.07 -2.07 0.00	50.83 -2.06 0.00
SITHE_IND_GS4 24172	72.25 -2.48 0.00	55.41 -1.88 0.00	55.08 -1.84 0.00	56.12 -1.91 0.00	54.91 -1.87 0.00	58.38 -1.99 0.00	58.16 -2.03 0.00	61.83 -2.41 0.00	59.85 -2.32 0.00	46.70 -1.95 0.00	46.64 -2.05 0.00	41.72 -1.82 0.00	38.51 -1.66 0.00	40.38 -1.75 0.00	46.17 -1.98 0.00	61.68 -2.56 0.00	66.45 -2.57 0.00	62.16 -2.31 0.00	54.54 -2.01 0.00	51.30 -1.94 0.00	52.82 -2.06 0.00	48.90 -1.98 0.00	51.07 -2.07 0.00	50.83 -2.06 0.00

SITHE___BATAVIA 24024	74.50 -0.23 0.00	57.24 -0.05 0.00	57.10 0.18 0.00	57.90 -0.14 0.00	56.76 -0.02 0.00	60.14 -0.24 0.00	59.06 -1.12 0.00	61.07 -3.16 0.00	59.07 -3.10 0.00	46.19 -2.46 0.00	45.92 -2.76 0.00	41.27 -2.27 0.00	38.31 -1.85 0.00	40.25 -1.88 0.00	45.80 -2.35 0.00	61.04 -3.20 0.00	65.45 -3.37 0.21	61.49 -2.97 0.00	53.83 -2.72 0.00	50.47 -2.77 0.00	52.08 -2.80 0.00	48.18 -2.70 0.00	50.64 -2.51 0.00	50.65 -2.24 0.00
SITHE___INDEPEND 23800	72.25 -2.48 0.00	55.41 -1.89 0.00	55.09 -1.83 0.00	56.12 -1.91 0.00	54.91 -1.87 0.00	58.39 -1.99 0.00	58.15 -2.04 0.00	61.83 -2.41 0.00	59.85 -2.33 0.00	46.70 -1.95 0.00	46.64 -2.05 0.00	41.72 -1.82 0.00	38.51 -1.66 0.00	40.38 -1.75 0.00	46.18 -1.97 0.00	61.68 -2.56 0.00	66.45 -2.57 0.00	62.16 -2.31 0.00	54.54 -2.01 0.00	51.30 -1.94 0.00	52.82 -2.06 0.00	48.90 -1.98 0.00	51.08 -2.07 0.00	50.83 -2.06 0.00
SITHE___MASSENA 23902	74.12 -0.61 0.00	56.60 -0.69 0.00	56.27 -0.65 0.00	57.45 -0.58 0.00	56.26 -0.52 0.00	59.78 -0.60 0.00	59.38 -0.80 0.00	63.71 -0.52 0.00	61.64 -0.53 0.00	48.64 -0.02 0.00	49.04 0.35 0.00	43.89 0.35 0.00	40.55 0.39 0.00	42.53 0.40 0.00	48.64 0.49 0.00	64.79 0.55 0.00	68.90 -0.12 0.00	63.98 -0.48 0.00	55.98 -0.56 0.00	52.77 -0.47 0.00	54.66 -0.23 0.00	50.77 -0.11 0.00	53.11 -0.04 0.00	52.92 0.02 0.00
SITHE___OGDNSBRG 24021	77.96 3.23 0.00	60.02 2.73 0.00	59.78 2.85 0.00	61.28 3.25 0.00	60.10 3.31 0.00	63.04 2.66 0.00	59.94 -0.25 0.00	64.04 -0.20 0.00	61.81 -0.36 0.00	47.42 -1.24 0.00	46.65 -2.04 0.00	42.00 -1.54 0.00	38.59 -1.57 0.00	40.22 -1.91 0.00	46.08 -2.07 0.00	63.43 -0.81 0.00	69.38 0.36 0.00	65.36 0.90 0.00	57.17 0.62 0.00	53.87 0.64 0.00	55.57 0.69 0.00	51.35 0.47 0.00	54.54 1.40 0.00	56.27 3.38 0.00
SITHE___STERLING 23777	77.16 2.43 0.00	59.28 1.99 0.00	58.95 2.03 0.00	60.12 2.08 0.00	58.94 2.15 0.00	62.75 2.38 0.00	62.59 2.41 0.00	66.68 2.44 0.00	64.58 2.41 0.00	50.11 1.45 0.00	49.76 1.08 0.00	44.40 0.86 0.00	40.88 0.72 0.00	42.86 0.73 0.00	49.09 0.94 0.00	65.92 1.68 0.00	71.46 2.43 0.00	66.83 2.37 0.00	58.65 2.10 0.00	55.12 1.89 0.00	56.69 1.80 0.00	52.40 1.52 0.00	54.60 1.46 0.00	54.24 1.35 0.00
SLEIGHT__34_KV_TB1 80719	74.02 -0.71 0.00	56.69 -0.60 0.00	56.46 -0.46 0.00	57.40 -0.63 0.00	56.20 -0.58 0.00	59.72 -0.66 0.00	59.21 -0.97 0.00	62.41 -1.83 0.00	60.40 -1.78 0.00	47.15 -1.50 0.00	47.03 -1.65 0.00	42.12 -1.42 0.00	38.95 -1.21 0.00	40.76 -1.37 0.00	46.67 -1.48 0.00	62.47 -1.78 0.00	67.28 -1.77 -0.03	62.90 -1.56 0.00	55.08 -1.46 0.00	51.79 -1.45 0.00	53.35 -1.53 0.00	49.26 -1.62 0.00	51.56 -1.59 0.00	51.42 -1.47 0.00
SOUTH CAIRO___GT 23612	81.47 6.74 0.00	62.56 5.26 0.00	62.15 5.23 0.00	63.32 5.29 0.00	61.86 5.08 0.00	65.93 5.56 0.00	65.95 5.77 0.00	70.28 6.04 0.00	67.90 5.73 0.00	52.34 3.69 0.00	51.66 2.98 0.00	45.94 2.40 0.00	42.30 2.14 0.00	44.39 2.26 0.00	50.78 2.62 0.00	68.60 4.36 0.00	75.02 6.00 0.00	70.51 6.04 0.00	61.88 5.33 0.00	58.18 4.95 0.00	59.70 4.82 0.00	55.32 4.44 0.00	57.90 4.75 0.00	57.54 4.65 0.00
SOUTH HAMPTN___IC 23720	82.81 8.08 0.00	63.68 6.38 0.00	63.08 6.16 0.00	64.90 6.87 0.00	63.33 6.55 0.00	67.51 7.13 0.00	67.95 7.77 0.00	72.48 8.24 0.00	70.06 7.89 0.00	53.80 5.14 0.00	53.63 4.95 0.00	52.84 4.30 -4.99	43.89 3.55 -0.18	50.41 4.36 -3.92	53.71 5.56 0.00	72.00 7.76 0.00	81.76 9.53 -3.21	75.42 9.99 -0.97	65.26 8.70 -0.01	107.63 8.16 -46.23	62.69 7.80 0.00	80.74 7.19 -22.67	60.26 7.12 0.00	59.79 6.89 0.00
SOUTHDOW_115KV_TB1 355954	77.58 2.85 0.00	59.47 2.18 0.00	59.30 2.38 0.00	60.05 2.01 0.00	58.59 1.81 0.00	61.92 1.55 0.00	60.63 0.44 0.00	62.68 -1.56 0.00	60.39 -1.78 0.00	47.44 -1.22 0.00	47.44 -1.25 0.00	42.84 -0.70 0.00	39.94 -0.22 0.00	41.93 -0.20 0.00	47.93 -0.22 0.00	63.56 -0.68 0.00	67.05 -1.63 0.34	62.58 -1.88 0.00	54.41 -2.13 0.00	50.73 -2.51 0.00	52.20 -2.68 0.00	48.16 -2.72 0.00	50.51 -2.63 0.00	50.50 -2.39 0.00
SOUTHOLD_69_KV_BK 2 55809	83.79 9.06 0.00	64.31 7.02 0.00	63.72 6.80 0.00	65.58 7.55 0.00	63.95 7.17 0.00	68.16 7.78 0.00	68.73 8.55 0.00	73.19 8.95 0.00	70.59 8.41 0.00	54.22 5.57 0.00	54.15 5.46 0.00	53.42 4.88 -4.99	44.48 4.15 -0.18	51.07 5.02 -3.92	54.53 6.37 0.00	73.20 8.96 0.00	83.17 10.94 -3.21	76.80 11.37 -0.97	66.45 9.89 -0.01	108.69 9.23 -46.23	63.69 8.80 0.00	81.60 8.06 -22.67	61.17 8.03 0.00	60.64 7.75 0.00
SOUTHOLD___IC 23719	83.79 9.06 0.00	64.31 7.02 0.00	63.72 6.80 0.00	65.58 7.55 0.00	63.95 7.17 0.00	68.16 7.78 0.00	68.72 8.53 0.00	73.19 8.95 0.00	70.58 8.41 0.00	54.23 5.57 0.00	54.15 5.46 0.00	53.40 4.87 -4.99	44.48 4.15 -0.18	51.06 5.01 -3.92	54.52 6.37 0.00	73.20 8.96 0.00	83.17 10.94 -3.21	76.79 11.36 -0.97	66.45 9.89 -0.01	108.69 9.23 -46.23	63.69 8.80 0.00	81.61 8.07 -22.67	61.16 8.02 0.00	60.64 7.75 0.00
SOUTH_FORK_WT_PWR 323839	83.63 8.90 0.00	64.11 6.82 0.00	63.54 6.62 0.00	65.43 7.39 0.00	63.74 6.96 0.00	67.95 7.57 0.00	68.57 8.38 0.00	72.89 8.65 0.00	70.23 8.06 0.00	54.01 5.35 0.00	54.01 5.32 0.00	53.38 4.85 -4.99	44.51 4.17 -0.18	51.10 5.05 -3.92	54.60 6.44 0.00	73.36 9.11 0.00	83.32 11.09 -3.21	76.93 11.50 -0.97	66.54 9.99 -0.01	108.78 9.32 -46.23	63.72 8.83 0.00	81.63 8.09 -22.67	61.19 8.04 0.00	60.67 7.78 0.00
SPIERFLS_115KV_TB 1 80737	80.47 5.74 0.00	61.79 4.49 0.00	61.36 4.44 0.00	62.48 4.45 0.00	61.07 4.29 0.00	65.02 4.64 0.00	65.00 4.82 0.00	69.08 4.84 0.00	66.45 4.28 0.00	51.28 2.63 0.00	50.59 1.91 0.00	44.84 1.30 0.00	41.31 1.16 0.00	43.44 1.32 0.00	49.82 1.67 0.00	66.92 2.67 0.00	72.79 3.76 0.00	68.22 3.76 0.00	59.93 3.38 0.00	56.36 3.13 0.00	57.83 2.94 0.00	53.64 2.76 0.00	55.94 2.79 0.00	55.60 2.71 0.00
ST LAWRENCE____ 23600	73.35 -1.39 0.00	56.02 -1.27 0.00	55.68 -1.24 0.00	56.83 -1.21 0.00	55.68 -1.10 0.00	59.16 -1.22 0.00	58.75 -1.44 0.00	63.09 -1.15 0.00	61.03 -1.14 0.00	48.17 -0.48 0.00	48.58 -0.10 0.00	43.49 -0.05 0.00	40.16 0.00 0.00	42.12 -0.01 0.00	48.18 0.02 0.00	64.18 -0.06 0.00	68.22 -0.80 0.00	63.34 -1.12 0.00	55.43 -1.12 0.00	52.25 -0.99 0.00	54.12 -0.76 0.00	50.27 -0.61 0.00	52.60 -0.54 0.00	52.39 -0.50 0.00
STATE_CA_115KV_115_LB 55624	77.99 3.26 0.00	59.99 2.70 0.00	59.60 2.68 0.00	60.74 2.70 0.00	59.28 2.50 0.00	63.06 2.69 0.00	62.99 2.81 0.00	67.07 2.83 0.00	64.95 2.78 0.00	50.65 2.00 0.00	50.40 1.71 0.00	45.02 1.48 0.00	41.54 1.38 0.00	43.56 1.43 0.00	49.56 1.40 0.00	66.16 1.92 0.00	71.56 2.54 0.00	67.07 2.61 0.00	58.89 2.34 0.00	55.50 2.26 0.00	56.96 2.08 0.00	52.89 2.00 0.00	55.48 2.33 0.00	55.21 2.32 0.00

STATE_ST_34_KV_LOAD 55959	75.50 0.77 0.00	57.66 0.36 0.00	57.36 0.44 0.00	58.39 0.35 0.00	57.15 0.37 0.00	60.76 0.39 0.00	60.52 0.34 0.00	64.25 0.01 0.00	62.13 -0.04 0.00	48.13 -0.52 0.00	47.90 -0.78 0.00	42.81 -0.73 0.00	39.65 -0.51 0.00	41.53 -0.61 0.00	47.56 -0.60 0.00	63.55 -0.69 0.00	68.98 -0.04 0.00	64.62 0.15 0.00	56.73 0.18 0.00	53.46 0.22 0.00	55.07 0.18 0.00	50.80 -0.08 0.00	53.05 -0.10 0.00	52.82 -0.07 0.00
STATION 5_MISC_HYD 23604	73.70 -1.03 0.00	56.54 -0.75 0.00	56.34 -0.58 0.00	57.22 -0.81 0.00	56.05 -0.73 0.00	59.47 -0.90 0.00	58.70 -1.49 0.00	61.46 -2.78 0.00	59.51 -2.66 0.00	46.58 -2.08 0.00	46.56 -2.13 0.00	41.78 -1.76 0.00	38.67 -1.49 0.00	40.43 -1.70 0.00	46.27 -1.89 0.00	61.74 -2.51 0.00	66.21 -2.84 -0.03	61.91 -2.56 0.00	54.17 -2.38 0.00	50.86 -2.37 0.00	52.45 -2.44 0.00	48.52 -2.36 0.00	50.88 -2.26 0.00	50.83 -2.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	74.86 0.13 0.00	57.39 0.09 0.00	57.21 0.28 0.00	58.15 0.11 0.00	56.92 0.14 0.00	60.48 0.10 0.00	59.99 -0.20 0.00	63.14 -1.10 0.00	61.06 -1.11 0.00	47.60 -1.06 0.00	47.41 -1.27 0.00	42.41 -1.13 0.00	39.19 -0.96 0.00	40.98 -1.15 0.00	46.97 -1.18 0.00	63.00 -1.25 0.00	67.84 -1.20 -0.01	63.41 -1.06 0.00	55.55 -1.00 0.00	52.18 -1.06 0.00	53.75 -1.13 0.00	49.65 -1.23 0.00	51.94 -1.21 0.00	51.83 -1.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	73.35 -1.39 0.00	56.26 -1.03 0.00	56.08 -0.84 0.00	56.97 -1.06 0.00	55.76 -1.02 0.00	59.20 -1.17 0.00	58.48 -1.70 0.00	61.31 -2.93 0.00	59.35 -2.82 0.00	46.48 -2.18 0.00	46.45 -2.24 0.00	41.64 -1.90 0.00	38.55 -1.61 0.00	40.31 -1.82 0.00	46.13 -2.02 0.00	61.62 -2.62 0.00	66.09 -2.96 -0.02	61.78 -2.69 0.00	54.05 -2.49 0.00	50.75 -2.49 0.00	52.32 -2.56 0.00	48.40 -2.48 0.00	50.73 -2.42 0.00	50.66 -2.23 0.00
STA_56___34_KV_BUS2 355983	73.35 -1.39 0.00	56.26 -1.03 0.00	56.08 -0.84 0.00	56.97 -1.06 0.00	55.76 -1.02 0.00	59.20 -1.17 0.00	58.48 -1.70 0.00	61.31 -2.93 0.00	59.35 -2.82 0.00	46.48 -2.18 0.00	46.45 -2.24 0.00	41.64 -1.90 0.00	38.55 -1.61 0.00	40.31 -1.82 0.00	46.13 -2.02 0.00	61.62 -2.62 0.00	66.09 -2.96 -0.02	61.78 -2.69 0.00	54.05 -2.49 0.00	50.75 -2.49 0.00	52.32 -2.56 0.00	48.40 -2.48 0.00	50.73 -2.42 0.00	50.66 -2.23 0.00
STA_67___115KV_BK2 355882	73.54 -1.19 0.00	56.40 -0.89 0.00	56.22 -0.70 0.00	57.10 -0.93 0.00	55.91 -0.87 0.00	59.32 -1.05 0.00	58.55 -1.64 0.00	61.30 -2.94 0.00	59.32 -2.85 0.00	46.47 -2.19 0.00	46.44 -2.25 0.00	41.64 -1.90 0.00	38.57 -1.59 0.00	40.33 -1.79 0.00	46.15 -2.00 0.00	61.58 -2.66 0.00	66.04 -3.01 -0.03	61.71 -2.76 0.00	54.01 -2.54 0.00	50.71 -2.52 0.00	52.30 -2.59 0.00	48.39 -2.49 0.00	50.74 -2.40 0.00	50.71 -2.19 0.00
STA_7___115KV_9TRANS 80674	74.11 -0.62 0.00	56.84 -0.45 0.00	56.66 -0.25 0.00	57.52 -0.51 0.00	56.33 -0.45 0.00	59.79 -0.58 0.00	59.03 -1.16 0.00	61.83 -2.41 0.00	59.86 -2.30 0.00	46.87 -1.78 0.00	46.83 -1.85 0.00	41.99 -1.55 0.00	38.89 -1.28 0.00	40.65 -1.48 0.00	46.53 -1.62 0.00	62.14 -2.10 0.00	66.67 -2.38 -0.03	62.34 -2.13 0.00	54.57 -1.98 0.00	51.23 -2.01 0.00	52.80 -2.08 0.00	48.85 -2.03 0.00	51.20 -1.95 0.00	51.13 -1.76 0.00
STA_82___115KV_TB1 80780	73.55 -1.18 0.00	56.42 -0.87 0.00	56.24 -0.68 0.00	57.12 -0.92 0.00	55.93 -0.85 0.00	59.35 -1.03 0.00	58.56 -1.62 0.00	61.32 -2.92 0.00	59.34 -2.83 0.00	46.48 -2.17 0.00	46.45 -2.24 0.00	41.64 -1.90 0.00	38.57 -1.59 0.00	40.34 -1.79 0.00	46.15 -2.00 0.00	61.60 -2.64 0.00	66.04 -3.00 -0.02	61.72 -2.75 0.00	54.02 -2.52 0.00	50.73 -2.51 0.00	52.31 -2.58 0.00	48.41 -2.47 0.00	50.75 -2.39 0.00	50.72 -2.17 0.00
STEEL___WIND 323596	73.93 -0.80 0.00	56.73 -0.56 0.00	56.65 -0.27 0.00	57.35 -0.68 0.00	56.19 -0.59 0.00	59.46 -0.92 0.00	58.13 -2.05 0.00	59.86 -4.38 0.00	57.87 -4.30 0.00	45.45 -3.21 0.00	45.47 -3.21 0.00	41.02 -2.53 0.00	38.18 -1.98 0.00	39.95 -2.18 0.00	45.64 -2.52 0.00	60.51 -3.73 0.00	63.91 -4.73 0.38	59.86 -4.60 0.00	52.34 -4.21 0.00	49.06 -4.17 0.00	50.70 -4.19 0.00	46.87 -4.01 0.00	49.35 -3.80 0.00	49.47 -3.42 0.00
STEPHTWN_115KV_BK_2 55603	78.62 3.89 0.00	60.45 3.16 0.00	60.09 3.17 0.00	61.19 3.16 0.00	59.78 3.00 0.00	63.56 3.19 0.00	63.74 3.56 0.00	67.81 3.57 0.00	65.55 3.38 0.00	51.06 2.41 0.00	50.79 2.11 0.00	45.39 1.85 0.00	41.54 1.38 0.00	43.46 1.33 0.00	49.51 1.35 0.00	66.15 1.91 0.00	71.39 2.37 0.00	66.95 2.48 0.00	58.81 2.27 0.00	55.42 2.18 0.00	57.56 2.68 0.00	53.34 2.46 0.00	55.91 2.76 0.00	55.65 2.76 0.00
STEUBEN_REC_LFGE 323667	76.61 1.88 0.00	58.63 1.33 0.00	58.51 1.59 0.00	59.39 1.35 0.00	58.09 1.31 0.00	61.51 1.14 0.00	60.79 0.60 0.00	63.35 -0.89 0.00	60.84 -1.33 0.00	46.81 -1.84 0.00	46.19 -2.50 0.00	41.21 -2.33 0.00	38.26 -1.90 0.00	40.18 -1.96 0.00	46.24 -1.92 0.00	62.53 -1.71 0.00	67.24 -1.63 0.16	62.12 -2.35 0.00	54.20 -2.35 0.00	50.52 -2.72 0.00	52.17 -2.71 0.00	47.81 -3.07 0.00	49.63 -3.52 0.00	49.28 -3.61 0.00
STILLWATER___SOLAR 323814	79.49 4.76 0.00	61.09 3.79 0.00	60.66 3.74 0.00	61.80 3.77 0.00	60.40 3.62 0.00	64.31 3.93 0.00	64.25 4.06 0.00	68.39 4.15 0.00	66.01 3.84 0.00	51.19 2.53 0.00	50.81 2.13 0.00	45.25 1.71 0.00	41.73 1.57 0.00	43.85 1.73 0.00	50.23 2.08 0.00	67.35 3.11 0.00	73.04 4.02 0.00	68.48 4.01 0.00	60.13 3.58 0.00	56.59 3.35 0.00	58.10 3.21 0.00	53.84 2.96 0.00	56.20 3.06 0.00	55.89 3.00 0.00
STONY___BROOK 24151	81.94 7.21 0.00	63.09 5.79 0.00	62.49 5.56 0.00	64.07 6.04 0.00	62.49 5.71 0.00	66.61 6.23 0.00	66.92 6.73 0.00	71.46 7.22 0.00	69.23 7.06 0.00	53.47 4.81 0.00	53.08 4.40 0.00	52.31 3.77 -4.99	43.56 3.22 -0.18	49.83 3.77 -3.92	52.94 4.79 0.00	70.72 6.48 0.00	80.14 7.91 -3.21	73.82 8.39 -0.97	63.86 7.31 -0.01	106.34 6.87 -46.23	61.42 6.54 0.00	79.62 6.07 -22.67	59.15 6.01 0.00	58.74 5.85 0.00
STURGEON_POOL_HYD 23609	81.40 6.66 0.00	62.65 5.36 0.00	62.04 5.12 0.00	63.33 5.30 0.00	61.88 5.10 0.00	65.82 5.45 0.00	66.04 5.86 0.00	70.58 6.34 0.00	68.38 6.21 0.00	53.21 4.56 0.00	52.73 4.05 0.00	47.08 3.54 0.00	43.19 3.03 0.00	45.38 3.25 0.00	51.93 3.77 0.00	69.34 5.10 0.00	75.64 6.62 0.00	71.45 6.98 0.00	62.73 6.18 0.00	58.92 5.69 0.00	60.34 5.46 0.00	55.88 5.00 0.00	58.06 4.91 0.00	57.69 4.80 0.00
ST_LAW_115_BK7_LBMP 345037	73.36 -1.37 0.00	56.02 -1.27 0.00	55.69 -1.24 0.00	56.84 -1.19 0.00	55.69 -1.09 0.00	59.16 -1.21 0.00	58.77 -1.42 0.00	63.11 -1.13 0.00	61.03 -1.14 0.00	48.17 -0.48 0.00	48.59 -0.09 0.00	43.49 -0.05 0.00	40.17 0.01 0.00	42.12 -0.01 0.00	48.18 0.02 0.00	64.20 -0.04 0.00	68.23 -0.79 0.00	63.35 -1.12 0.00	55.43 -1.12 0.00	52.25 -0.98 0.00	54.13 -0.76 0.00	50.28 -0.60 0.00	52.61 -0.53 0.00	52.40 -0.49 0.00

ST_LAW_115_BK8_LBMP 345038	73.36 -1.37 0.00	56.02 -1.27 0.00	55.69 -1.24 0.00	56.84 -1.19 0.00	55.69 -1.09 0.00	59.16 -1.21 0.00	58.77 -1.42 0.00	63.11 -1.13 0.00	61.03 -1.14 0.00	48.17 -0.48 0.00	48.59 -0.09 0.00	43.49 -0.05 0.00	40.17 0.01 0.00	42.12 -0.01 0.00	48.18 0.02 0.00	64.20 -0.04 0.00	68.23 -0.79 0.00	63.35 -1.12 0.00	55.43 -1.12 0.00	52.25 -0.98 0.00	54.13 -0.76 0.00	50.28 -0.60 0.00	52.61 -0.53 0.00	52.40 -0.49 0.00
ST_LAW_230_BK5_LBMP 345035	73.35 -1.39 0.00	56.02 -1.27 0.00	55.68 -1.24 0.00	56.83 -1.21 0.00	55.68 -1.10 0.00	59.16 -1.22 0.00	58.75 -1.44 0.00	63.09 -1.15 0.00	61.03 -1.14 0.00	48.17 -0.48 0.00	48.58 -0.10 0.00	43.49 -0.05 0.00	40.16 0.00 0.00	42.12 -0.01 0.00	48.18 0.02 0.00	64.18 -0.06 0.00	68.22 -0.80 0.00	63.34 -1.12 0.00	55.43 -1.12 0.00	52.25 -0.99 0.00	54.12 -0.76 0.00	50.27 -0.61 0.00	52.60 -0.54 0.00	52.39 -0.50 0.00
ST_LAW_230_BK6_LBMP 345036	73.35 -1.39 0.00	56.02 -1.27 0.00	55.68 -1.24 0.00	56.83 -1.21 0.00	55.68 -1.10 0.00	59.16 -1.22 0.00	58.75 -1.44 0.00	63.09 -1.15 0.00	61.03 -1.14 0.00	48.17 -0.48 0.00	48.58 -0.10 0.00	43.49 -0.05 0.00	40.16 0.00 0.00	42.12 -0.01 0.00	48.18 0.02 0.00	64.18 -0.06 0.00	68.22 -0.80 0.00	63.34 -1.12 0.00	55.43 -1.12 0.00	52.25 -0.99 0.00	54.12 -0.76 0.00	50.27 -0.61 0.00	52.60 -0.54 0.00	52.39 -0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	78.46 3.73 0.00	60.45 3.16 0.00	59.86 2.94 0.00	61.10 3.07 0.00	59.67 2.89 0.00	63.47 3.09 0.00	63.60 3.41 0.00	67.87 3.63 0.00	65.84 3.67 0.00	51.35 2.69 0.00	51.04 2.35 0.00	41.47 2.12 4.18	41.82 1.81 0.15	40.76 1.92 3.29	50.31 2.16 0.00	66.90 2.66 0.00	72.69 3.68 0.01	68.54 4.08 0.00	60.17 3.62 0.00	56.56 3.32 0.00	57.97 3.09 0.00	53.76 2.88 0.00	55.97 2.82 0.00	55.68 2.79 0.00
SWANROAD_115KV_TB1 355699	71.09 -3.64 0.00	54.79 -2.50 0.00	54.83 -2.09 0.00	55.47 -2.56 0.00	54.32 -2.47 0.00	57.46 -2.92 0.00	56.04 -4.14 0.00	57.27 -6.97 0.00	55.32 -6.85 0.00	43.69 -4.96 0.00	43.74 -4.94 0.00	39.40 -4.14 0.00	36.72 -3.44 0.00	38.45 -3.68 0.00	43.79 -4.36 0.00	57.88 -6.37 0.00	61.11 -7.53 0.38	57.34 -7.13 0.00	50.25 -6.30 0.00	47.17 -6.06 0.00	48.73 -6.15 0.00	45.22 -5.66 0.00	47.71 -5.43 0.00	47.93 -4.97 0.00
SYNERGY___BIOGAS 323694	74.50 -0.23 0.00	57.24 -0.05 0.00	57.10 0.18 0.00	57.90 -0.14 0.00	56.76 -0.02 0.00	60.14 -0.24 0.00	59.06 -1.12 0.00	61.07 -3.16 0.00	59.07 -3.10 0.00	46.19 -2.46 0.00	45.92 -2.76 0.00	41.27 -2.27 0.00	38.31 -1.85 0.00	40.25 -1.88 0.00	45.80 -2.35 0.00	61.04 -3.20 0.00	65.45 -3.37 0.21	61.49 -2.97 0.00	53.83 -2.72 0.00	50.47 -2.77 0.00	52.08 -2.80 0.00	48.18 -2.70 0.00	50.64 -2.51 0.00	50.65 -2.24 0.00
SYRACUSE___ENERGY_ST1 323597	74.49 -0.24 0.00	57.07 -0.23 0.00	56.75 -0.17 0.00	57.80 -0.24 0.00	56.55 -0.23 0.00	60.15 -0.22 0.00	59.94 -0.25 0.00	63.71 -0.53 0.00	61.64 -0.53 0.00	47.91 -0.74 0.00	47.74 -0.95 0.00	42.73 -0.82 0.00	39.44 -0.72 0.00	41.35 -0.78 0.00	47.32 -0.83 0.00	63.31 -0.93 0.00	68.38 -0.64 0.00	64.01 -0.46 0.00	56.24 -0.31 0.00	52.88 -0.36 0.00	54.41 -0.47 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.27 -0.63 0.00
SYRACUSE___ENERGY_ST2 323598	74.49 -0.24 0.00	57.07 -0.23 0.00	56.75 -0.17 0.00	57.80 -0.24 0.00	56.55 -0.23 0.00	60.15 -0.22 0.00	59.94 -0.25 0.00	63.71 -0.53 0.00	61.64 -0.53 0.00	47.91 -0.74 0.00	47.74 -0.95 0.00	42.73 -0.82 0.00	39.44 -0.72 0.00	41.35 -0.78 0.00	47.32 -0.83 0.00	63.31 -0.93 0.00	68.38 -0.64 0.00	64.01 -0.46 0.00	56.24 -0.31 0.00	52.88 -0.36 0.00	54.41 -0.47 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.27 -0.63 0.00
SYRACUSE___POWER 24017	74.57 -0.16 0.00	57.17 -0.13 0.00	56.84 -0.08 0.00	57.91 -0.12 0.00	56.66 -0.12 0.00	60.24 -0.13 0.00	60.04 -0.14 0.00	63.80 -0.44 0.00	61.73 -0.45 0.00	48.00 -0.65 0.00	47.81 -0.88 0.00	42.77 -0.77 0.00	39.47 -0.69 0.00	41.38 -0.75 0.00	47.36 -0.79 0.00	63.39 -0.85 0.00	68.45 -0.57 0.00	64.08 -0.39 0.00	56.28 -0.26 0.00	52.88 -0.36 0.00	54.40 -0.48 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.26 -0.64 0.00
TALLMAN___138KV_BK151 55660	78.60 3.87 0.00	60.58 3.29 0.00	59.98 3.06 0.00	61.23 3.19 0.00	59.80 3.01 0.00	63.59 3.21 0.00	63.75 3.57 0.00	68.02 3.79 0.00	66.02 3.85 0.00	51.49 2.83 0.00	51.18 2.50 0.00	38.93 2.25 6.87	41.85 1.93 0.24	38.76 2.03 5.40	50.44 2.28 0.00	67.03 2.78 0.00	72.84 3.83 0.01	68.73 4.27 0.00	60.34 3.79 0.00	56.72 3.48 0.00	58.11 3.23 0.00	53.92 3.04 0.00	56.12 2.98 0.00	55.84 2.95 0.00
TEALLAVE_115KV_TB7 355573	74.06 -0.67 0.00	56.79 -0.51 0.00	56.47 -0.46 0.00	57.50 -0.53 0.00	56.27 -0.51 0.00	59.85 -0.53 0.00	59.62 -0.56 0.00	63.33 -0.91 0.00	61.29 -0.88 0.00	47.70 -0.95 0.00	47.54 -1.14 0.00	42.54 -1.00 0.00	39.26 -0.90 0.00	41.16 -0.96 0.00	47.09 -1.07 0.00	62.99 -1.26 0.00	67.97 -1.06 0.00	63.60 -0.86 0.00	55.85 -0.70 0.00	52.46 -0.77 0.00	53.97 -0.91 0.00	49.92 -0.96 0.00	52.14 -1.01 0.00	51.89 -1.00 0.00
TELGRAPH_34_KV_EAST 80808	72.83 -1.90 0.00	56.01 -1.29 0.00	55.96 -0.96 0.00	56.70 -1.33 0.00	55.54 -1.24 0.00	58.79 -1.58 0.00	57.53 -2.66 0.00	59.19 -5.05 0.00	56.92 -5.25 0.00	44.79 -3.87 0.00	44.65 -4.03 0.00	40.24 -3.30 0.00	37.49 -2.67 0.00	39.41 -2.71 0.00	44.82 -3.34 0.00	59.48 -4.76 0.00	63.35 -5.39 0.28	59.41 -5.06 0.00	52.04 -4.51 0.00	48.82 -4.42 0.00	50.40 -4.48 0.00	46.69 -4.19 0.00	49.15 -4.00 0.00	49.28 -3.61 0.00
TEMPLE___115KV_TB 2 55572	74.11 -0.62 0.00	56.82 -0.47 0.00	56.50 -0.42 0.00	57.55 -0.49 0.00	56.31 -0.48 0.00	59.87 -0.50 0.00	59.64 -0.54 0.00	63.36 -0.88 0.00	61.32 -0.85 0.00	47.73 -0.93 0.00	47.56 -1.12 0.00	42.56 -0.98 0.00	39.27 -0.89 0.00	41.18 -0.95 0.00	47.12 -1.03 0.00	63.02 -1.23 0.00	67.98 -1.04 0.00	63.63 -0.83 0.00	55.87 -0.68 0.00	52.48 -0.75 0.00	54.01 -0.88 0.00	49.95 -0.93 0.00	52.15 -0.99 0.00	51.91 -0.99 0.00
TIANA____69_KV_BK 1 55817	82.63 7.90 0.00	63.56 6.26 0.00	62.95 6.02 0.00	64.76 6.73 0.00	63.20 6.42 0.00	67.38 7.01 0.00	67.80 7.61 0.00	72.35 8.11 0.00	69.96 7.79 0.00	53.71 5.06 0.00	53.53 4.84 0.00	52.72 4.19 -4.99	43.76 3.43 -0.18	50.27 4.22 -3.92	53.53 5.38 0.00	71.75 7.50 0.00	81.47 9.24 -3.21	75.16 9.73 -0.97	65.03 8.48 -0.01	107.43 7.96 -46.23	62.50 7.61 0.00	80.55 7.01 -22.67	60.10 6.95 0.00	59.62 6.73 0.00
TILDEN___115KV_TB1 80814	74.57 -0.16 0.00	57.17 -0.13 0.00	56.84 -0.08 0.00	57.91 -0.12 0.00	56.66 -0.12 0.00	60.24 -0.13 0.00	60.04 -0.14 0.00	63.80 -0.44 0.00	61.73 -0.45 0.00	48.00 -0.65 0.00	47.81 -0.88 0.00	42.77 -0.77 0.00	39.47 -0.69 0.00	41.38 -0.75 0.00	47.36 -0.79 0.00	63.39 -0.85 0.00	68.45 -0.57 0.00	64.08 -0.39 0.00	56.28 -0.26 0.00	52.88 -0.36 0.00	54.40 -0.48 0.00	50.30 -0.58 0.00	52.52 -0.63 0.00	52.26 -0.64 0.00

TRIGEN___CC 323695	80.44 5.71 0.00	62.04 4.74 0.00	61.45 4.53 0.00	62.83 4.79 0.00	61.30 4.52 0.00	65.21 4.84 0.00	65.37 5.19 0.00	69.75 5.51 0.00	67.63 5.46 0.00	52.66 4.00 0.00	52.39 3.71 0.00	51.77 3.24 -4.99	43.15 2.81 -0.18	49.16 3.11 -3.92	51.88 3.73 0.00	69.00 4.75 0.00	78.12 5.89 -3.21	71.71 6.28 -0.97	62.02 5.47 -0.01	104.59 5.12 -46.23	59.76 4.87 0.00	78.08 4.54 -22.67	57.61 4.47 0.00	57.30 4.41 0.00
TRINITY___115KV___4 BK 55933	77.71 2.97 0.00	59.79 2.50 0.00	59.39 2.47 0.00	60.53 2.50 0.00	59.08 2.29 0.00	62.84 2.46 0.00	62.76 2.58 0.00	66.81 2.57 0.00	64.68 2.52 0.00	50.47 1.81 0.00	50.22 1.54 0.00	44.87 1.33 0.00	41.39 1.23 0.00	43.41 1.28 0.00	49.35 1.20 0.00	65.86 1.62 0.00	71.24 2.22 0.00	66.76 2.29 0.00	58.62 2.07 0.00	55.26 2.02 0.00	56.72 1.84 0.00	52.67 1.79 0.00	55.28 2.13 0.00	55.04 2.14 0.00
UNION___PROCESSING_DRP 323587	73.56 -1.17 0.00	56.43 -0.86 0.00	56.27 -0.65 0.00	57.14 -0.89 0.00	55.94 -0.84 0.00	59.36 -1.01 0.00	58.58 -1.61 0.00	61.34 -2.91 0.00	59.36 -2.81 0.00	46.49 -2.17 0.00	46.47 -2.22 0.00	41.65 -1.89 0.00	38.59 -1.57 0.00	40.35 -1.78 0.00	46.16 -1.99 0.00	61.61 -2.64 0.00	66.06 -2.98 -0.02	61.74 -2.72 0.00	54.05 -2.50 0.00	50.75 -2.49 0.00	52.32 -2.57 0.00	48.42 -2.46 0.00	50.75 -2.39 0.00	50.73 -2.17 0.00
UPPER HUDSON___HYD 24058	80.47 5.74 0.00	61.79 4.49 0.00	61.37 4.45 0.00	62.48 4.45 0.00	61.07 4.29 0.00	65.02 4.64 0.00	65.00 4.82 0.00	69.08 4.84 0.00	66.45 4.28 0.00	51.28 2.63 0.00	50.59 1.91 0.00	44.84 1.30 0.00	41.31 1.15 0.00	43.44 1.32 0.00	49.82 1.67 0.00	66.92 2.67 0.00	72.78 3.76 0.00	68.22 3.76 0.00	59.93 3.38 0.00	56.36 3.13 0.00	57.82 2.94 0.00	53.64 2.76 0.00	55.93 2.79 0.00	55.60 2.71 0.00
UPPER RAQUET___HYD 24056	74.99 0.26 0.00	57.73 0.44 0.00	57.49 0.57 0.00	58.98 0.95 0.00	57.79 1.01 0.00	60.56 0.18 0.00	57.58 -2.61 0.00	61.42 -2.82 0.00	59.43 -2.74 0.00	46.49 -2.16 0.00	46.23 -2.46 0.00	41.69 -1.85 0.00	38.29 -1.87 0.00	39.96 -2.17 0.00	45.82 -2.33 0.00	62.40 -1.84 0.00	66.65 -2.37 0.00	62.53 -1.94 0.00	54.69 -1.85 0.00	51.59 -1.64 0.00	53.21 -1.68 0.00	49.22 -1.66 0.00	52.41 -0.74 0.00	54.08 1.19 0.00
VALLEY44_115KV_TB2 355964	74.73 0.00 0.00	57.36 0.07 0.00	57.27 0.35 0.00	58.17 0.14 0.00	56.87 0.09 0.00	60.15 -0.22 0.00	58.81 -1.38 0.00	61.26 -2.98 0.00	59.28 -2.90 0.00	46.42 -2.23 0.00	46.48 -2.20 0.00	41.92 -1.62 0.00	39.01 -1.15 0.00	40.78 -1.35 0.00	46.59 -1.56 0.00	61.59 -2.66 0.00	64.94 -3.76 0.32	60.85 -3.61 0.00	53.19 -3.36 0.00	49.79 -3.45 0.00	51.38 -3.51 0.00	47.44 -3.44 0.00	49.90 -3.24 0.00	50.18 -2.72 0.00
VALLEY___115KV_TB 1-4 80826	76.61 1.88 0.00	58.82 1.53 0.00	58.44 1.52 0.00	59.58 1.55 0.00	58.33 1.55 0.00	62.12 1.75 0.00	62.26 2.07 0.00	66.34 2.10 0.00	63.99 1.82 0.00	49.49 0.84 0.00	48.99 0.30 0.00	43.71 0.17 0.00	40.30 0.14 0.00	42.35 0.22 0.00	48.48 0.32 0.00	65.14 0.90 0.00	70.94 1.92 0.00	66.56 2.10 0.00	58.49 1.94 0.00	55.13 1.90 0.00	56.54 1.66 0.00	52.25 1.37 0.00	54.38 1.24 0.00	53.84 0.94 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	80.92 6.19 0.00	62.09 4.80 0.00	61.67 4.75 0.00	62.93 4.90 0.00	61.56 4.78 0.00	65.62 5.25 0.00	65.54 5.36 0.00	69.96 5.72 0.00	67.76 5.58 0.00	52.76 4.11 0.00	52.46 3.78 0.00	46.82 3.28 0.00	43.06 2.90 0.00	45.13 3.00 0.00	51.72 3.56 0.00	69.25 5.00 0.00	74.78 5.79 0.03	70.05 5.59 0.00	61.54 4.99 0.00	57.85 4.62 0.00	59.49 4.61 0.00	54.98 4.10 0.00	57.24 4.10 0.00	56.90 4.01 0.00
VISCHER___FERRY HYD 24020	78.45 3.72 0.00	60.34 3.05 0.00	59.90 2.98 0.00	61.04 3.01 0.00	59.60 2.81 0.00	63.45 3.08 0.00	63.37 3.19 0.00	67.45 3.21 0.00	65.24 3.07 0.00	50.82 2.16 0.00	50.57 1.89 0.00	45.11 1.57 0.00	41.62 1.46 0.00	43.70 1.57 0.00	49.90 1.74 0.00	66.69 2.44 0.00	72.24 3.22 0.00	67.72 3.25 0.00	59.46 2.91 0.00	56.02 2.78 0.00	57.53 2.64 0.00	53.33 2.45 0.00	55.76 2.62 0.00	55.49 2.59 0.00
V_A_10_SYNC_DSASP 323832	72.12 -2.61 0.00	55.36 -1.93 0.00	55.27 -1.65 0.00	56.08 -1.96 0.00	54.91 -1.87 0.00	58.13 -2.25 0.00	57.00 -3.19 0.00	59.07 -5.17 0.00	57.15 -5.03 0.00	44.91 -3.74 0.00	45.00 -3.69 0.00	40.51 -3.03 0.00	37.62 -2.54 0.00	39.36 -2.77 0.00	44.93 -3.23 0.00	59.61 -4.63 0.00	63.64 -5.57 -0.18	59.25 -5.21 0.00	51.85 -4.70 0.00	48.67 -4.57 0.00	50.26 -4.62 0.00	46.56 -4.32 0.00	49.01 -4.13 0.00	49.13 -3.77 0.00
V_CMM_10_SYNC_DSASP 323787	73.79 -0.94 0.00	56.34 -0.95 0.00	56.01 -0.91 0.00	57.17 -0.87 0.00	56.00 -0.79 0.00	59.49 -0.88 0.00	59.11 -1.08 0.00	63.46 -0.78 0.00	61.38 -0.79 0.00	48.43 -0.22 0.00	48.84 0.16 0.00	43.72 0.18 0.00	40.38 0.22 0.00	42.35 0.23 0.00	48.43 0.28 0.00	64.54 0.29 0.00	68.61 -0.41 0.00	63.71 -0.75 0.00	55.74 -0.81 0.00	52.55 -0.69 0.00	54.44 -0.45 0.00	50.56 -0.32 0.00	52.88 -0.26 0.00	52.70 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	72.59 -2.14 0.00	55.80 -1.50 0.00	55.50 -1.42 0.00	57.19 -0.84 0.00	55.61 -1.18 0.00	59.02 -1.35 0.00	58.22 -1.96 0.00	62.75 -1.49 0.00	61.13 -1.04 0.00	49.10 0.44 0.00	49.76 1.07 0.00	44.54 1.00 0.00	41.06 0.91 0.00	43.05 0.92 0.00	49.41 1.26 0.00	66.28 2.04 0.00	70.32 1.30 0.00	64.91 0.44 0.00	56.74 0.20 0.00	53.82 0.59 0.00	55.77 0.88 0.00	51.67 0.79 0.00	54.17 1.02 0.00	54.01 1.12 0.00
V_D_10_SYNC_DSASP 323841	74.12 -0.61 0.00	56.60 -0.69 0.00	56.27 -0.65 0.00	57.45 -0.58 0.00	56.26 -0.52 0.00	59.78 -0.60 0.00	59.38 -0.80 0.00	63.71 -0.52 0.00	61.64 -0.53 0.00	48.64 -0.02 0.00	49.04 0.35 0.00	43.89 0.35 0.00	40.55 0.39 0.00	42.53 0.40 0.00	48.64 0.49 0.00	64.79 0.55 0.00	68.90 -0.12 0.00	63.98 -0.48 0.00	55.98 -0.56 0.00	52.77 -0.47 0.00	54.66 -0.23 0.00	50.77 -0.11 0.00	53.11 -0.04 0.00	52.92 0.02 0.00
V_E_10_SYNC_DSASP 323830	82.86 8.14 0.00	63.38 6.09 0.00	62.99 6.06 0.00	64.33 6.30 0.00	63.03 6.25 0.00	67.29 6.92 0.00	67.39 7.20 0.00	71.92 7.68 0.00	69.47 7.30 0.00	53.28 4.63 0.00	52.40 3.72 0.00	46.65 3.11 0.00	42.94 2.78 0.00	45.03 2.90 0.00	51.77 3.61 0.00	70.14 5.90 0.00	76.75 7.76 0.04	72.22 7.76 0.00	63.45 6.90 0.00	59.58 6.34 0.00	61.02 6.13 0.00	55.88 5.00 0.00	57.70 4.55 0.00	57.01 4.12 0.00
V_F_30_NSYNC___DSASP 323816	79.55 4.82 0.00	61.12 3.83 0.00	60.71 3.79 0.00	61.85 3.82 0.00	60.46 3.67 0.00	64.37 3.99 0.00	64.30 4.12 0.00	68.45 4.21 0.00	66.09 3.91 0.00	51.25 2.59 0.00	50.88 2.20 0.00	45.33 1.79 0.00	41.80 1.65 0.00	43.93 1.80 0.00	50.31 2.16 0.00	67.45 3.21 0.00	73.13 4.12 0.00	68.55 4.09 0.00	60.18 3.63 0.00	56.64 3.40 0.00	58.16 3.28 0.00	53.89 3.01 0.00	56.25 3.10 0.00	55.94 3.05 0.00



V_F_30_SYNC_DSASP 323786	77.99 3.26 0.00	59.99 2.70 0.00	59.60 2.68 0.00	60.73 2.70 0.00	59.28 2.49 0.00	63.06 2.69 0.00	62.99 2.81 0.00	67.07 2.83 0.00	64.94 2.77 0.00	50.65 1.99 0.00	50.40 1.71 0.00	45.02 1.48 0.00	41.54 1.38 0.00	43.56 1.43 0.00	49.55 1.39 0.00	66.15 1.91 0.00	71.56 2.54 0.00	67.06 2.60 0.00	58.89 2.34 0.00	55.49 2.26 0.00	56.96 2.07 0.00	52.88 1.99 0.00	55.48 2.33 0.00	55.21 2.32 0.00
V_XM_10_SYNC_DSASP 323789	72.59 -2.14 0.00	55.80 -1.50 0.00	55.50 -1.42 0.00	57.19 -0.84 0.00	55.61 -1.18 0.00	59.02 -1.35 0.00	58.22 -1.96 0.00	62.75 -1.49 0.00	61.13 -1.04 0.00	49.10 0.44 0.00	49.76 1.07 0.00	44.54 1.00 0.00	41.06 0.91 0.00	43.05 0.92 0.00	49.41 1.26 0.00	66.28 2.04 0.00	70.32 1.30 0.00	64.91 0.44 0.00	56.74 0.20 0.00	53.82 0.59 0.00	55.77 0.88 0.00	51.67 0.79 0.00	54.17 1.02 0.00	54.01 1.12 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	78.84 4.11 0.00	60.75 3.46 0.00	60.16 3.24 0.00	61.40 3.37 0.00	59.97 3.18 0.00	63.77 3.39 0.00	63.94 3.75 0.00	68.23 3.99 0.00	66.21 4.04 0.00	51.66 3.01 0.00	51.35 2.67 0.00	38.97 2.41 6.98	41.99 2.08 0.25	38.83 2.19 5.48	50.62 2.47 0.00	67.25 3.01 0.00	73.12 4.10 0.01	68.99 4.52 0.00	60.57 4.02 0.00	56.93 3.69 0.00	58.32 3.43 0.00	54.09 3.21 0.00	56.30 3.15 0.00	56.01 3.11 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	79.81 5.08 0.00	61.54 4.25 0.00	60.97 4.05 0.00	62.18 4.14 0.00	60.73 3.94 0.00	64.49 4.11 0.00	64.61 4.42 0.00	68.98 4.74 0.00	67.02 4.85 0.00	52.48 3.83 0.00	52.21 3.53 0.00	51.79 3.23 -5.02	43.21 2.88 -0.18	49.08 3.01 -3.94	51.53 3.37 0.00	68.26 4.02 0.00	74.14 5.13 0.01	69.96 5.50 0.00	61.43 4.89 0.00	57.73 4.49 0.00	59.07 4.18 0.00	54.80 3.93 0.00	57.07 3.93 0.00	56.78 3.89 0.00
W50THST__13_KV_LOAD 356117	80.19 5.46 0.00	61.83 4.53 0.00	61.25 4.33 0.00	62.46 4.43 0.00	61.01 4.23 0.00	64.78 4.40 0.00	64.89 4.71 0.00	69.28 5.03 0.00	67.33 5.16 0.00	52.77 4.12 0.00	52.48 3.80 0.00	52.05 3.49 -5.02	43.48 3.14 -0.18	49.34 3.27 -3.94	51.82 3.66 0.00	68.62 4.38 0.00	74.50 5.49 0.01	70.29 5.83 0.00	61.74 5.19 0.00	58.01 4.78 0.00	59.37 4.49 0.00	55.08 4.20 0.00	57.37 4.23 0.00	57.06 4.17 0.00
WADING RIVER_IC_1 23522	82.05 7.31 0.00	63.14 5.85 0.00	62.53 5.61 0.00	64.40 6.37 0.00	62.91 6.12 0.00	67.05 6.68 0.00	67.43 7.25 0.00	71.99 7.75 0.00	69.63 7.46 0.00	53.40 4.74 0.00	53.27 4.59 0.00	52.47 3.93 -4.99	43.46 3.12 -0.18	50.02 3.97 -3.92	53.24 5.09 0.00	71.33 7.09 0.00	80.97 8.74 -3.21	74.66 9.23 -0.97	64.60 8.04 -0.01	107.05 7.58 -46.23	62.12 7.23 0.00	80.23 6.68 -22.67	59.74 6.60 0.00	59.30 6.41 0.00
WADING RIVER_IC_2 23547	82.05 7.31 0.00	63.14 5.85 0.00	62.53 5.61 0.00	64.40 6.37 0.00	62.91 6.12 0.00	67.05 6.68 0.00	67.43 7.25 0.00	71.99 7.75 0.00	69.63 7.46 0.00	53.40 4.74 0.00	53.27 4.59 0.00	52.47 3.93 -4.99	43.46 3.12 -0.18	50.02 3.97 -3.92	53.24 5.09 0.00	71.33 7.09 0.00	80.97 8.74 -3.21	74.66 9.23 -0.97	64.60 8.04 -0.01	107.05 7.58 -46.23	62.12 7.23 0.00	80.23 6.68 -22.67	59.74 6.60 0.00	59.30 6.41 0.00
WADING RIVER_IC_3 23601	82.05 7.31 0.00	63.14 5.85 0.00	62.53 5.61 0.00	64.40 6.37 0.00	62.91 6.12 0.00	67.05 6.68 0.00	67.43 7.25 0.00	71.99 7.75 0.00	69.63 7.46 0.00	53.40 4.74 0.00	53.27 4.59 0.00	52.47 3.93 -4.99	43.46 3.12 -0.18	50.02 3.97 -3.92	53.24 5.09 0.00	71.33 7.09 0.00	80.97 8.74 -3.21	74.66 9.23 -0.97	64.60 8.04 -0.01	107.05 7.58 -46.23	62.12 7.23 0.00	80.23 6.68 -22.67	59.74 6.60 0.00	59.30 6.41 0.00
WALDENNY_12_KV_BK2 80841	73.90 -0.83 0.00	56.72 -0.57 0.00	56.68 -0.24 0.00	57.39 -0.64 0.00	56.23 -0.55 0.00	59.45 -0.93 0.00	58.13 -2.06 0.00	59.83 -4.41 0.00	57.83 -4.33 0.00	45.47 -3.19 0.00	45.50 -3.18 0.00	40.99 -2.55 0.00	38.17 -1.99 0.00	39.95 -2.18 0.00	45.62 -2.53 0.00	60.50 -3.74 0.00	63.93 -4.71 0.39	59.88 -4.58 0.00	52.40 -4.14 0.00	49.11 -4.13 0.00	50.73 -4.15 0.00	46.93 -3.95 0.00	49.37 -3.77 0.00	49.51 -3.38 0.00
WALDEN__HYDRO 24148	79.45 4.72 0.00	61.18 3.89 0.00	60.58 3.66 0.00	61.83 3.80 0.00	60.40 3.62 0.00	64.24 3.86 0.00	64.38 4.20 0.00	68.73 4.49 0.00	66.65 4.48 0.00	51.92 3.26 0.00	51.55 2.87 0.00	44.51 2.53 1.57	42.29 2.18 0.06	43.21 2.31 1.23	50.81 2.66 0.00	67.69 3.45 0.00	73.64 4.63 0.01	69.46 4.99 0.00	60.98 4.43 0.00	57.31 4.08 0.00	58.74 3.85 0.00	54.43 3.56 0.00	56.65 3.51 0.00	56.34 3.44 0.00
WARRENSBURG____ 23737	80.47 5.74 0.00	61.79 4.49 0.00	61.37 4.45 0.00	62.48 4.45 0.00	61.07 4.29 0.00	65.02 4.64 0.00	65.00 4.82 0.00	69.08 4.84 0.00	66.45 4.28 0.00	51.28 2.63 0.00	50.59 1.91 0.00	44.84 1.30 0.00	41.31 1.15 0.00	43.44 1.32 0.00	49.82 1.67 0.00	66.92 2.67 0.00	72.78 3.76 0.00	68.22 3.76 0.00	59.93 3.38 0.00	56.36 3.13 0.00	57.82 2.94 0.00	53.64 2.76 0.00	55.93 2.79 0.00	55.60 2.71 0.00
WATERSIDE____6 8 9 23538	79.69 4.96 0.00	61.49 4.20 0.00	60.92 3.99 0.00	62.10 4.06 0.00	60.69 3.90 0.00	64.41 4.04 0.00	64.52 4.33 0.00	68.91 4.67 0.00	66.97 4.80 0.00	52.50 3.84 0.00	52.17 3.48 0.00	51.74 3.19 -5.01	43.19 2.85 -0.18	49.02 2.96 -3.93	51.44 3.28 0.00	68.11 3.87 0.00	73.96 4.95 0.01	69.83 5.36 0.00	61.34 4.80 0.00	57.66 4.43 0.00	59.01 4.13 0.00	54.78 3.90 0.00	57.04 3.89 0.00	56.73 3.84 0.00
WATKINRD_115KV_LN8_ILLION 55919	76.24 1.51 0.00	58.55 1.26 0.00	58.17 1.25 0.00	59.30 1.27 0.00	57.98 1.20 0.00	61.70 1.33 0.00	61.74 1.56 0.00	65.82 1.58 0.00	63.57 1.40 0.00	49.31 0.66 0.00	48.93 0.25 0.00	43.68 0.14 0.00	40.26 0.10 0.00	42.30 0.16 0.00	48.40 0.24 0.00	64.89 0.64 0.00	70.41 1.39 0.00	66.03 1.56 0.00	58.02 1.47 0.00	54.65 1.41 0.00	56.12 1.24 0.00	51.94 1.06 0.00	54.17 1.02 0.00	53.77 0.88 0.00
WATSON__69_KV_BK 1 55734	82.54 7.81 0.00	63.59 6.29 0.00	62.97 6.05 0.00	64.52 6.49 0.00	62.90 6.12 0.00	67.03 6.65 0.00	67.31 7.13 0.00	71.89 7.65 0.00	69.65 7.48 0.00	53.85 5.19 0.00	53.45 4.77 0.00	52.65 4.12 -4.99	43.88 3.54 -0.18	50.12 4.07 -3.92	53.23 5.08 0.00	71.11 6.86 0.00	80.53 8.30 -3.21	74.21 8.78 -0.97	64.19 7.63 -0.01	106.68 7.22 -46.23	61.78 6.90 0.00	79.96 6.41 -22.67	59.49 6.34 0.00	59.08 6.19 0.00
WDELAWARE__HYD 323627	81.10 6.37 0.00	62.33 5.04 0.00	61.72 4.80 0.00	62.98 4.95 0.00	61.56 4.77 0.00	65.52 5.15 0.00	65.67 5.49 0.00	69.86 5.62 0.00	66.50 4.33 0.00	51.67 3.01 0.00	51.17 2.48 0.00	44.34 2.10 1.29	41.86 1.74 0.05	42.99 1.87 1.01	50.41 2.25 0.00	67.39 3.15 0.00	73.52 4.51 0.01	69.37 4.90 0.00	60.93 4.38 0.00	57.26 4.03 0.00	58.71 3.83 0.00	54.37 3.50 0.00	56.52 3.37 0.00	56.16 3.27 0.00

WEST BABYLON___IC 23714	82.14 7.41 0.00	63.29 6.00 0.00	62.68 5.76 0.00	64.17 6.14 0.00	62.56 5.78 0.00	66.63 6.26 0.00	66.90 6.71 0.00	71.45 7.22 0.00	69.24 7.06 0.00	53.60 4.95 0.00	53.23 4.55 0.00	52.49 3.95 -4.99	43.73 3.40 -0.18	49.92 3.86 -3.92	52.95 4.79 0.00	70.66 6.41 0.00	80.02 7.79 -3.21	73.69 8.26 -0.97	63.74 7.19 -0.01	106.24 6.78 -46.23	61.38 6.49 0.00	79.56 6.02 -22.67	59.10 5.96 0.00	58.71 5.82 0.00
WEST CANADA___HYD 24049	75.32 0.60 0.00	57.80 0.51 0.00	57.43 0.51 0.00	58.55 0.52 0.00	57.25 0.46 0.00	60.91 0.54 0.00	60.76 0.57 0.00	64.76 0.52 0.00	62.69 0.52 0.00	48.95 0.30 0.00	48.87 0.19 0.00	43.68 0.13 0.00	40.28 0.12 0.00	42.26 0.13 0.00	48.30 0.14 0.00	64.51 0.26 0.00	69.49 0.47 0.00	64.99 0.52 0.00	57.05 0.51 0.00	53.71 0.47 0.00	55.28 0.39 0.00	51.24 0.36 0.00	53.52 0.37 0.00	53.21 0.32 0.00
WESTERN_NY_WIND 24143	74.41 -0.32 0.00	57.17 -0.13 0.00	57.05 0.13 0.00	57.85 -0.18 0.00	56.66 -0.12 0.00	60.05 -0.33 0.00	58.97 -1.22 0.00	60.95 -3.29 0.00	58.92 -3.24 0.00	46.13 -2.53 0.00	45.84 -2.85 0.00	41.15 -2.40 0.00	38.24 -1.92 0.00	40.21 -1.92 0.00	45.72 -2.44 0.00	60.92 -3.32 0.00	65.29 -3.50 0.23	61.32 -3.14 0.00	53.72 -2.83 0.00	50.36 -2.87 0.00	51.97 -2.91 0.00	48.08 -2.80 0.00	50.51 -2.64 0.00	50.55 -2.34 0.00
WESTOVER___LESR 323668	75.58 0.85 0.00	57.91 0.62 0.00	57.67 0.75 0.00	58.78 0.75 0.00	57.46 0.68 0.00	61.03 0.66 0.00	60.91 0.73 0.00	64.58 0.34 0.00	62.54 0.37 0.00	48.59 -0.07 0.00	48.27 -0.41 0.00	43.25 -0.29 0.00	39.84 -0.32 0.00	41.81 -0.32 0.00	47.85 -0.30 0.00	64.01 -0.23 0.00	69.07 0.12 0.07	64.58 0.12 0.00	56.84 0.30 0.00	53.37 0.14 0.00	54.92 0.04 0.00	50.67 -0.21 0.00	52.87 -0.28 0.00	52.63 -0.26 0.00
WETHRSFD_WT_PWR 323626	73.95 -0.78 0.00	56.70 -0.59 0.00	56.62 -0.30 0.00	57.39 -0.64 0.00	56.13 -0.66 0.00	59.43 -0.95 0.00	58.34 -1.84 0.00	60.33 -3.91 0.00	58.12 -4.05 0.00	45.11 -3.54 0.00	44.87 -3.82 0.00	40.40 -3.14 0.00	37.55 -2.61 0.00	39.33 -2.80 0.00	45.07 -3.09 0.00	60.39 -3.85 0.00	64.18 -4.54 0.31	59.68 -4.79 0.00	52.17 -4.38 0.00	48.82 -4.41 0.00	50.47 -4.42 0.00	46.45 -4.43 0.00	48.65 -4.49 0.00	48.62 -4.28 0.00
WHAVSTOR_138KV_BK127 55557	78.46 3.74 0.00	60.48 3.19 0.00	59.89 2.97 0.00	61.13 3.10 0.00	59.70 2.92 0.00	63.49 3.11 0.00	63.64 3.45 0.00	67.91 3.67 0.00	65.90 3.73 0.00	51.42 2.77 0.00	51.13 2.45 0.00	38.66 2.21 7.10	41.80 1.89 0.25	38.55 1.99 5.57	50.39 2.23 0.00	66.92 2.68 0.00	72.75 3.73 0.01	68.65 4.18 0.00	60.27 3.72 0.00	56.64 3.40 0.00	58.03 3.14 0.00	53.83 2.95 0.00	56.03 2.88 0.00	55.75 2.85 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	78.46 3.74 0.00	60.48 3.19 0.00	59.89 2.97 0.00	61.13 3.10 0.00	59.70 2.92 0.00	63.49 3.11 0.00	63.64 3.45 0.00	67.91 3.67 0.00	65.90 3.73 0.00	51.42 2.77 0.00	51.13 2.45 0.00	38.66 2.21 7.10	41.80 1.89 0.25	38.55 1.99 5.57	50.39 2.23 0.00	66.92 2.68 0.00	72.75 3.73 0.01	68.65 4.18 0.00	60.27 3.72 0.00	56.64 3.40 0.00	58.03 3.14 0.00	53.83 2.95 0.00	56.03 2.88 0.00	55.75 2.85 0.00
WHITEHAL_115KV_TB1 80871	82.83 8.10 0.00	63.60 6.30 0.00	63.18 6.26 0.00	64.11 6.08 0.00	62.63 5.85 0.00	66.57 6.19 0.00	66.50 6.31 0.00	71.36 7.12 0.00	68.57 6.40 0.00	52.55 3.90 0.00	52.00 3.32 0.00	45.72 2.18 0.00	42.03 1.87 0.00	44.29 2.16 0.00	51.02 2.86 0.00	68.65 4.41 0.00	75.31 6.29 0.00	70.41 5.94 0.00	62.09 5.54 0.00	58.27 5.03 0.00	59.67 4.78 0.00	55.32 4.44 0.00	57.69 4.54 0.00	57.39 4.50 0.00
WHITEPLN_13_KV_LOAD 356215	80.24 5.51 0.00	61.80 4.51 0.00	61.21 4.29 0.00	62.46 4.43 0.00	61.01 4.23 0.00	64.83 4.46 0.00	65.00 4.81 0.00	69.39 5.15 0.00	67.35 5.18 0.00	52.60 3.95 0.00	52.28 3.60 0.00	51.99 3.23 -5.22	43.20 2.86 -0.18	49.25 3.02 -4.10	51.58 3.43 0.00	68.53 4.29 0.00	74.49 5.48 0.01	70.31 5.84 0.00	61.72 5.17 0.00	57.98 4.74 0.00	59.41 4.52 0.00	55.06 4.18 0.00	57.31 4.16 0.00	56.98 4.09 0.00
WM_FLOYD_69_KV_BK2 356380	82.12 7.39 0.00	63.20 5.91 0.00	62.58 5.66 0.00	64.29 6.25 0.00	62.73 5.95 0.00	66.87 6.50 0.00	67.23 7.04 0.00	71.78 7.55 0.00	69.46 7.29 0.00	53.44 4.78 0.00	53.13 4.45 0.00	52.35 3.81 -4.99	43.47 3.13 -0.18	49.88 3.82 -3.92	53.05 4.90 0.00	71.03 6.79 0.00	80.61 8.39 -3.21	74.31 8.88 -0.97	64.30 7.75 -0.01	106.76 7.30 -46.23	61.85 6.96 0.00	79.97 6.42 -22.67	59.52 6.37 0.00	59.08 6.18 0.00
WOODARD___115KV_TB2 355635	73.87 -0.86 0.00	56.63 -0.66 0.00	56.30 -0.62 0.00	57.35 -0.68 0.00	56.13 -0.65 0.00	59.69 -0.68 0.00	59.45 -0.73 0.00	63.20 -1.04 0.00	61.15 -1.02 0.00	47.59 -1.06 0.00	47.45 -1.23 0.00	42.47 -1.07 0.00	39.19 -0.97 0.00	41.08 -1.04 0.00	47.01 -1.15 0.00	62.85 -1.39 0.00	67.81 -1.21 0.00	63.47 -0.99 0.00	55.75 -0.80 0.00	52.39 -0.84 0.00	53.92 -0.97 0.00	49.87 -1.01 0.00	52.08 -1.07 0.00	51.83 -1.06 0.00
YORK___WARBASSE 23770	79.85 5.12 0.00	61.66 4.37 0.00	61.12 4.19 0.00	62.29 4.25 0.00	60.89 4.11 0.00	64.54 4.17 0.00	64.65 4.46 0.00	69.00 4.76 0.00	67.11 4.94 0.00	52.76 4.10 0.00	52.43 3.75 0.00	51.95 3.40 -5.01	43.42 3.09 -0.18	49.25 3.19 -3.93	51.67 3.51 0.00	68.23 3.98 0.00	74.02 5.01 0.01	69.93 5.46 0.00	61.44 4.89 0.00	57.76 4.52 0.00	59.11 4.23 0.00	54.91 4.03 0.00	57.19 4.04 0.00	56.92 4.03 0.00