

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/18/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	68.65	64.19	59.11	59.67	58.69	61.04	67.08	77.90	68.87	62.40	61.07	57.28	54.19	55.33	58.92	64.61	71.99	77.80	74.22	67.32	64.56	60.24	53.53	47.87
24138	2.89	2.23	2.05	2.18	2.20	2.80	4.15	5.16	4.63	4.41	4.58	4.19	3.97	4.43	4.62	5.06	5.39	5.83	5.31	4.64	4.34	4.15	3.31	2.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	68.84	64.38	59.23	59.79	58.81	61.16	67.21	77.98	68.94	62.40	61.07	57.28	54.24	55.33	58.92	64.61	71.99	77.87	74.29	67.44	64.68	60.35	53.64	47.96
24260	3.09	2.42	2.17	2.30	2.32	2.91	4.28	5.24	4.69	4.41	4.58	4.19	4.02	4.43	4.62	5.06	5.39	5.90	5.38	4.76	4.46	4.26	3.41	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	68.84	64.38	59.23	59.79	58.81	61.16	67.21	77.98	68.94	62.40	61.07	57.28	54.24	55.33	58.92	64.61	71.99	77.87	74.29	67.44	64.68	60.35	53.64	47.96
24261	3.09	2.42	2.17	2.30	2.32	2.91	4.28	5.24	4.69	4.41	4.58	4.19	4.02	4.43	4.62	5.06	5.39	5.90	5.38	4.76	4.46	4.26	3.41	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 HUDSON___FALLS	69.17	64.99	59.80	60.42	59.48	61.62	66.77	77.18	68.10	60.77	59.15	55.31	52.18	52.99	56.74	62.65	70.19	75.57	72.84	66.31	63.66	59.28	54.04	48.69
24011	3.42	3.04	2.74	2.93	2.99	3.38	3.84	4.44	3.85	2.78	2.66	2.23	1.96	2.09	2.44	3.10	3.60	3.60	3.93	3.64	3.43	3.20	3.82	3.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	69.63	65.49	60.19	60.82	59.88	62.09	67.27	77.69	68.62	61.12	59.49	55.63	52.43	53.25	57.07	63.01	70.72	76.29	73.39	66.88	64.20	59.73	53.39	49.05
23798	3.88	3.53	3.14	3.33	3.39	3.84	4.34	4.95	4.37	3.13	2.99	2.55	2.21	2.34	2.77	3.45	4.13	4.32	4.48	4.20	3.97	3.64	3.17	3.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	69.17	64.99	59.80	60.42	59.48	61.62	66.77	77.18	68.10	60.77	59.15	55.31	52.18	52.99	56.74	62.65	70.19	75.57	72.84	66.31	63.66	59.28	54.04	48.69
24028	3.42	3.04	2.74	2.93	2.99	3.38	3.84	4.44	3.85	2.78	2.66	2.23	1.96	2.09	2.44	3.10	3.60	3.60	3.93	3.64	3.43	3.20	3.82	3.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	68.51	64.25	59.28	59.96	58.92	60.98	65.95	76.09	67.33	60.60	59.10	55.47	52.43	53.25	56.80	62.35	69.79	75.35	72.22	65.75	63.17	58.89	52.68	47.60
23527	2.76	2.29	2.22	2.47	2.43	2.74	3.02	3.35	3.08	2.61	2.60	2.39	2.21	2.34	2.50	2.80	3.20	3.38	3.31	3.07	2.95	2.80	2.46	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	67.40	63.45	58.37	58.98	57.96	59.99	64.44	73.76	65.27	58.80	57.40	53.93	51.03	51.82	55.33	60.74	67.73	73.05	70.01	63.81	61.25	57.15	51.48	46.65
24190	1.64	1.49	1.31	1.49	1.47	1.75	1.51	1.02	1.03	0.81	0.90	0.85	0.80	0.92	1.03	1.19	1.13	1.08	1.10	1.13	1.02	1.07	1.26	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	66.48	62.83	57.86	58.29	57.28	58.88	63.62	73.54	64.95	58.63	57.01	53.40	50.62	51.21	54.52	59.67	66.59	71.82	68.77	62.55	60.16	55.97	50.32	45.38
355683	0.72	0.87	0.80	0.80	0.79	0.64	0.69	0.80	0.71	0.64	0.51	0.32	0.40	0.31	0.22	0.12	0.00	-0.14	-0.14	-0.13	-0.06	-0.11	0.10	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	68.32	64.37	59.23	59.79	58.75	60.75	65.38	75.07	66.24	59.38	57.91	54.30	51.38	52.18	55.77	61.52	68.86	74.34	71.32	64.93	62.45	58.22	52.23	47.19
323833	2.56	2.41	2.17	2.30	2.26	2.50	2.45	2.33	1.99	1.39	1.41	1.22	1.16	1.27	1.47	1.96	2.27	2.37	2.41	2.25	2.23	2.13	2.01	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	68.32	64.37	59.23	59.73	58.69	60.75	65.38	75.07	66.24	59.38	57.85	54.25	51.38	52.18	55.77	61.46	68.86	74.34	71.32	64.87	62.45	58.16	52.23	47.19
323834	2.56	2.41	2.17	2.24	2.20	2.50	2.45	2.33	1.99	1.39	1.35	1.17	1.16	1.27	1.47	1.91	2.27	2.37	2.41	2.19	2.23	2.08	2.01	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	67.40	63.45	58.37	58.98	57.96	59.99	64.44	73.76	65.27	58.80	57.40	53.93	51.03	51.82	55.33	60.74	67.73	73.05	70.01	63.81	61.25	57.15	51.48	46.65
23571	1.64	1.49	1.31	1.49	1.47	1.75	1.51	1.02	1.03	0.81	0.90	0.85	0.80	0.92	1.03	1.19	1.13	1.08	1.10	1.13	1.02	1.07	1.26	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	67.40 1.64 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	59.99 1.75 0.00	64.44 1.51 0.00	73.76 1.02 0.00	65.27 1.03 0.00	58.80 0.81 0.00	57.40 0.90 0.00	53.93 0.85 0.00	51.03 0.80 0.00	51.82 0.92 0.00	55.33 1.03 0.00	60.74 1.19 0.00	67.73 1.13 0.00	73.05 1.08 0.00	70.01 1.10 0.00	63.81 1.13 0.00	61.25 1.02 0.00	57.15 1.07 0.00	51.48 1.26 0.00	46.65 1.36 0.00
ALBANY___3 23573	67.40 1.64 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	59.99 1.75 0.00	64.44 1.51 0.00	73.76 1.02 0.00	65.27 1.03 0.00	58.80 0.81 0.00	57.40 0.90 0.00	53.93 0.85 0.00	51.03 0.80 0.00	51.82 0.92 0.00	55.33 1.03 0.00	60.74 1.19 0.00	67.73 1.13 0.00	73.05 1.08 0.00	70.01 1.10 0.00	63.81 1.13 0.00	61.25 1.02 0.00	57.15 1.07 0.00	51.48 1.26 0.00	46.65 1.36 0.00
ALBANY___4 23574	67.40 1.64 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	59.99 1.75 0.00	64.44 1.51 0.00	73.76 1.02 0.00	65.27 1.03 0.00	58.80 0.81 0.00	57.40 0.90 0.00	53.93 0.85 0.00	51.03 0.80 0.00	51.82 0.92 0.00	55.33 1.03 0.00	60.74 1.19 0.00	67.73 1.13 0.00	73.05 1.08 0.00	70.01 1.10 0.00	63.81 1.13 0.00	61.25 1.02 0.00	57.15 1.07 0.00	51.48 1.26 0.00	46.65 1.36 0.00
ALBANY___LFGE 323615	67.92 2.17 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.38 1.89 0.00	58.41 1.92 0.00	60.46 2.21 0.00	64.88 1.95 0.00	74.34 1.60 0.00	65.85 1.61 0.00	59.26 1.27 0.00	57.91 1.41 0.00	54.35 1.27 0.00	51.43 1.20 0.00	52.23 1.32 0.00	55.77 1.47 0.00	61.22 1.67 0.00	68.32 1.73 0.00	73.62 1.66 0.00	70.63 1.72 0.00	64.30 1.63 0.00	61.91 1.68 0.00	57.66 1.57 0.00	51.93 1.71 0.00	47.01 1.72 0.00
ALCOA_PA_115KV_PL-6C 55860	66.94 1.18 0.00	63.32 1.36 0.00	58.31 1.26 0.00	58.75 1.26 0.00	57.68 1.19 0.00	59.29 1.05 0.00	64.06 1.13 0.00	73.98 1.24 0.00	65.40 1.16 0.00	59.03 1.04 0.00	57.35 0.85 0.00	53.77 0.69 0.00	50.98 0.75 0.00	51.62 0.71 0.00	54.90 0.60 0.00	60.03 0.48 0.00	66.93 0.33 0.00	72.18 0.22 0.00	69.12 0.21 0.00	62.93 0.25 0.00	60.46 0.24 0.00	56.31 0.22 0.00	50.72 0.50 0.00	45.74 0.45 0.00
ALCOA_RYNLDS___DRP 24188	66.94 1.18 0.00	63.32 1.36 0.00	58.31 1.26 0.00	58.75 1.26 0.00	57.68 1.19 0.00	59.29 1.05 0.00	64.06 1.13 0.00	73.98 1.24 0.00	65.40 1.16 0.00	59.03 1.04 0.00	57.35 0.85 0.00	53.77 0.69 0.00	50.98 0.75 0.00	51.62 0.71 0.00	54.90 0.60 0.00	60.03 0.48 0.00	66.93 0.33 0.00	72.18 0.22 0.00	69.12 0.21 0.00	62.93 0.25 0.00	60.46 0.24 0.00	56.31 0.22 0.00	50.72 0.50 0.00	45.74 0.45 0.00
ALCOA___DSASP 323711	66.94 1.18 0.00	63.32 1.36 0.00	58.31 1.26 0.00	58.75 1.26 0.00	57.68 1.19 0.00	59.29 1.05 0.00	64.06 1.13 0.00	73.98 1.24 0.00	65.40 1.16 0.00	59.03 1.04 0.00	57.35 0.85 0.00	53.77 0.69 0.00	50.98 0.75 0.00	51.62 0.71 0.00	54.90 0.60 0.00	60.03 0.48 0.00	66.93 0.33 0.00	72.18 0.22 0.00	69.12 0.21 0.00	62.93 0.25 0.00	60.46 0.24 0.00	56.31 0.22 0.00	50.72 0.50 0.00	45.74 0.45 0.00
ALLEGHENY___COGEN 23514	67.79 2.04 0.00	63.32 1.36 0.00	57.92 0.86 0.00	57.60 0.12 0.00	56.55 0.06 0.00	57.37 -0.87 0.00	62.18 -0.75 0.00	71.65 -1.09 0.00	62.70 -1.54 0.00	56.89 -1.10 0.00	54.80 -1.69 0.00	51.65 -1.43 0.00	48.87 -1.35 0.00	49.23 -1.68 0.00	53.11 -1.19 0.00	58.66 -0.89 0.00	66.53 -0.07 0.00	72.54 0.57 0.00	69.53 0.62 0.00	63.37 0.69 0.00	60.89 0.66 0.00	56.03 -0.06 0.00	49.82 -0.40 0.00	45.20 -0.09 0.00
ALTAMONT_115KV_TB 2 55880	67.13 1.38 0.00	63.20 1.24 0.00	58.20 1.14 0.00	58.75 1.26 0.00	57.73 1.24 0.00	59.70 1.46 0.00	64.44 1.51 0.00	74.19 1.45 0.00	65.59 1.35 0.00	59.09 1.10 0.00	57.68 1.19 0.00	54.14 1.06 0.00	51.28 1.05 0.00	52.02 1.12 0.00	55.55 1.25 0.00	60.98 1.43 0.00	68.06 1.47 0.00	73.48 1.51 0.00	70.43 1.52 0.00	64.06 1.38 0.00	61.55 1.32 0.00	57.38 1.29 0.00	51.43 1.21 0.00	46.42 1.13 0.00
ALTONA_WT_PWR 323606	66.48 0.72 0.00	63.26 1.30 0.00	58.43 1.37 0.00	58.93 1.44 0.00	57.84 1.35 0.00	59.47 1.23 0.00	64.25 1.32 0.00	74.41 1.67 0.00	65.78 1.54 0.00	59.26 1.27 0.00	57.52 1.02 0.00	53.93 0.85 0.00	50.78 0.55 0.00	51.06 0.15 0.00	54.08 -0.22 0.00	59.14 -0.41 0.00	65.99 -0.60 0.00	71.18 -0.79 0.00	68.15 -0.76 0.00	61.86 -0.82 0.00	59.44 -0.78 0.00	55.25 -0.84 0.00	49.67 -0.55 0.00	44.75 -0.54 0.00
AMERICAN_REF_FUEL 24010	60.03 -5.72 0.00	57.00 -4.96 0.00	51.98 -5.08 0.00	52.66 -4.83 0.00	51.18 -5.31 0.00	50.67 -7.57 0.00	54.37 -8.56 0.00	61.17 -11.57 0.00	54.35 -9.89 0.00	50.91 -7.08 0.00	49.49 -7.01 0.00	47.14 -5.94 0.00	44.50 -5.73 0.00	44.44 -6.47 0.00	47.89 -6.41 0.00	52.05 -7.51 0.00	58.87 -7.72 0.00	64.34 -7.63 0.00	61.33 -7.58 0.00	56.16 -6.52 0.00	53.72 -6.51 0.00	49.92 -6.17 0.00	44.90 -5.32 0.00	41.58 -3.71 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	62.93 -2.83 0.00	58.73 -3.22 0.00	53.86 -3.19 0.00	53.92 -3.56 0.00	52.82 -3.67 0.00	53.00 -5.24 0.00	57.46 -5.48 0.00	65.03 -7.71 0.00	57.56 -6.68 0.00	53.30 -4.70 0.00	51.70 -4.80 0.00	49.10 -3.98 0.00	46.25 -3.97 0.00	46.37 -4.53 0.00	49.90 -4.40 0.00	54.25 -5.30 0.00	61.60 -5.00 0.00	67.58 -4.39 0.00	63.81 -5.10 0.00	58.41 -4.26 0.00	55.89 -4.34 0.00	51.71 -4.37 0.00	46.40 -3.82 0.00	42.80 -2.49 0.00
ARTHUR KILL_GT_1 23520	68.71 2.96 0.00	64.75 2.79 0.00	60.25 3.20 0.00	60.71 3.22 0.00	59.60 3.11 0.00	61.91 3.67 0.00	68.22 5.29 0.00	78.70 5.96 0.00	69.32 5.08 0.00	62.69 4.70 0.00	61.30 4.80 0.00	57.49 4.41 0.00	54.44 4.22 0.00	55.49 4.58 0.00	59.19 4.89 0.00	64.91 5.36 0.00	72.19 5.59 0.00	78.16 6.19 0.00	74.70 5.79 0.00	67.94 5.26 0.00	65.40 5.18 0.00	60.80 4.71 0.00	53.53 3.31 0.00	3.18 2.49 44.60
ARTHUR_KILL_2 23512	68.45 2.70 0.00	63.44 1.48 0.00	59.52 2.45 -0.01	60.09 2.59 -0.01	59.04 2.54 -0.01	60.88 2.62 -0.01	65.46 2.52 -0.01	76.17 3.42 -0.01	67.34 3.08 -0.01	61.83 3.83 -0.01	60.69 4.18 -0.01	57.12 4.03 -0.01	54.10 3.87 -0.01	55.13 4.22 -0.01	58.60 4.29 -0.01	64.03 4.47 -0.01	70.80 4.20 -0.01	76.72 4.75 -0.01	72.98 4.06 -0.01	66.13 3.44 -0.01	64.75 4.52 -0.01	60.58 4.49 0.00	53.44 3.22 0.00	3.00 2.31 44.60
ARTHUR_KILL_3 23513	67.99 2.24 0.00	63.44 1.48 0.01	58.37 1.31 0.00	59.04 1.55 0.00	57.96 1.47 0.00	60.34 2.09 0.00	65.95 3.02 0.00	76.59 3.85 0.00	67.97 3.72 0.00	61.53 3.54 0.00	60.28 3.79 0.00	56.59 3.50 0.00	53.59 3.37 0.00	54.72 3.82 0.00	58.10 3.80 0.00	63.54 3.99 0.00	70.79 4.20 0.00	76.43 4.46 0.00	72.98 4.06 0.00	66.25 3.57 0.00	63.77 3.55 0.00	59.67 3.59 0.01	53.07 2.86 0.01	2.81 2.13 44.61



ARTHUR_KILL_COGEN 323718	68.64	63.63	59.69	60.26	59.21	61.05	65.64	76.38	67.53	62.00	60.86	57.28	54.25	55.29	58.76	64.21	71.06	77.01	73.19	66.38	64.99	60.80	53.64	3.18
	2.89	1.67	2.63	2.76	2.71	2.80	2.70	3.64	3.27	4.00	4.35	4.19	4.02	4.38	4.45	4.65	4.46	5.04	4.27	3.70	4.76	4.71	3.42	2.49
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	44.60
ASHOKAN____ 23654	69.17	64.99	59.68	60.31	59.31	61.68	66.90	77.03	67.71	60.37	58.64	54.83	52.08	53.04	56.63	62.83	70.59	76.36	73.11	66.25	63.84	59.57	53.08	47.64
	3.42	3.04	2.63	2.82	2.82	3.44	3.97	4.29	3.47	2.38	2.15	1.75	1.86	2.14	2.33	3.27	4.00	4.39	4.20	3.57	3.61	3.48	2.86	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_EAST_ENERGY_CC1 323581	68.78	63.56	58.76	59.38	58.29	60.57	65.76	76.44	67.96	61.98	60.73	57.00	53.98	55.12	58.42	63.84	71.05	76.78	73.18	66.43	64.19	59.95	53.38	47.83
	3.03	1.61	1.71	1.89	1.81	2.33	2.83	3.71	3.72	4.00	4.24	3.93	3.77	4.22	4.12	4.29	4.46	4.82	4.27	3.76	3.97	3.87	3.17	2.53
	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
ASTORIA_EAST_ENERGY_CC2 323582	68.78	63.56	58.76	59.38	58.29	60.57	65.76	76.44	67.96	61.98	60.78	57.06	54.03	55.17	58.42	63.84	71.05	76.78	73.18	66.43	64.19	59.95	53.38	47.83
	3.03	1.61	1.71	1.89	1.81	2.33	2.83	3.71	3.72	4.00	4.29	3.98	3.82	4.28	4.12	4.29	4.46	4.82	4.27	3.76	3.97	3.87	3.17	2.53
	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
ASTORIA_GT2_1 24094	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT2_2 24095	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT2_3 24096	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT2_4 24097	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT3_1 24098	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT3_2 24099	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT3_3 24100	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT3_4 24101	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT4_1 24102	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT4_2 24103	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00
ASTORIA_GT4_3 24104	68.71	63.82	58.93	59.49	58.45	60.85	66.82	77.52	68.60	62.27	60.95	57.15	54.12	55.21	58.63	64.24	71.57	77.42	73.86	67.05	64.30	60.01	53.33	47.87
	2.96	1.86	1.88	2.01	1.98	2.62	3.90	4.80	4.37	4.29	4.46	4.09	3.92	4.33	4.34	4.70	4.99	5.47	4.96	4.39	4.10	3.93	3.11	2.58
	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00



ASTORIA_GT4_4 24105	68.71 2.96 0.00	63.82 1.86 0.00	58.93 1.88 0.02	59.49 2.01 0.02	58.45 1.98 0.02	60.85 2.62 0.02	66.82 3.90 0.02	77.52 4.80 0.02	68.60 4.37 0.02	62.27 4.29 0.02	60.95 4.46 0.02	57.15 4.09 0.02	54.12 3.92 0.02	55.21 4.33 0.02	58.63 4.34 0.02	64.24 4.70 0.02	71.57 4.99 0.02	77.42 5.47 0.02	73.86 4.96 0.02	67.05 4.39 0.02	64.30 4.10 0.02	60.01 3.93 0.00	53.33 3.11 0.00	47.87 2.58 0.00
ASTORIA_GT_1 23523	68.84 3.09 0.00	63.94 1.98 0.00	59.04 2.00 0.02	59.60 2.13 0.02	58.56 2.09 0.02	60.91 2.68 0.02	66.94 4.03 0.02	77.67 4.95 0.02	68.73 4.50 0.02	62.38 4.41 0.02	61.06 4.58 0.02	57.26 4.19 0.02	54.22 4.02 0.02	55.37 4.48 0.02	58.79 4.51 0.02	64.36 4.82 0.02	71.71 5.13 0.02	77.57 5.61 0.02	73.99 5.10 0.02	67.17 4.51 0.02	64.42 4.22 0.02	60.13 4.04 0.00	53.43 3.21 0.00	47.96 2.67 0.00
ASTORIA_GT_10 24110	68.78 3.02 0.00	64.13 2.17 0.00	59.28 2.23 0.00	59.85 2.36 0.00	58.81 2.32 0.00	61.16 2.91 0.00	67.15 4.22 0.00	77.90 5.16 0.00	68.87 4.63 0.00	62.34 4.35 0.00	61.02 4.52 0.00	57.22 4.14 0.00	54.19 3.97 0.00	55.28 4.38 0.00	58.92 4.62 0.00	64.56 5.00 0.00	71.92 5.33 0.00	77.80 5.83 0.00	74.22 5.31 0.00	67.38 4.70 0.00	64.62 4.40 0.00	60.29 4.21 0.00	53.53 3.31 0.00	47.92 2.63 0.00
ASTORIA_GT_11 24225	68.78 3.02 0.00	64.13 2.17 0.00	59.28 2.23 0.00	59.85 2.36 0.00	58.81 2.32 0.00	61.16 2.91 0.00	67.15 4.22 0.00	77.90 5.16 0.00	68.87 4.63 0.00	62.34 4.35 0.00	61.02 4.52 0.00	57.22 4.14 0.00	54.19 3.97 0.00	55.28 4.38 0.00	58.92 4.62 0.00	64.56 5.00 0.00	71.92 5.33 0.00	77.80 5.83 0.00	74.22 5.31 0.00	67.38 4.70 0.00	64.62 4.40 0.00	60.29 4.21 0.00	53.53 3.31 0.00	47.92 2.63 0.00
ASTORIA_GT_12 24226	68.78 3.02 0.00	64.13 2.17 0.00	59.28 2.23 0.00	59.85 2.36 0.00	58.81 2.32 0.00	61.16 2.91 0.00	67.15 4.22 0.00	77.90 5.16 0.00	68.87 4.63 0.00	62.34 4.35 0.00	61.02 4.52 0.00	57.22 4.14 0.00	54.19 3.97 0.00	55.28 4.38 0.00	58.92 4.62 0.00	64.56 5.00 0.00	71.92 5.33 0.00	77.80 5.83 0.00	74.22 5.31 0.00	67.38 4.70 0.00	64.62 4.40 0.00	60.29 4.21 0.00	53.53 3.31 0.00	47.92 2.63 0.00
ASTORIA_GT_13 24227	68.78 3.02 0.00	64.13 2.17 0.00	59.28 2.23 0.00	59.85 2.36 0.00	58.81 2.32 0.00	61.16 2.91 0.00	67.15 4.22 0.00	77.90 5.16 0.00	68.87 4.63 0.00	62.34 4.35 0.00	61.02 4.52 0.00	57.22 4.14 0.00	54.19 3.97 0.00	55.28 4.38 0.00	58.92 4.62 0.00	64.56 5.00 0.00	71.92 5.33 0.00	77.80 5.83 0.00	74.22 5.31 0.00	67.38 4.70 0.00	64.62 4.40 0.00	60.29 4.21 0.00	53.53 3.31 0.00	47.92 2.63 0.00
ASTORIA_GT_5 24106	68.84 3.09 0.00	63.94 1.98 0.00	59.04 2.00 0.02	59.60 2.13 0.02	58.56 2.09 0.02	60.91 2.68 0.02	66.94 4.03 0.02	77.67 4.95 0.02	68.73 4.50 0.02	62.38 4.41 0.02	61.06 4.58 0.02	57.26 4.19 0.02	54.22 4.02 0.02	55.37 4.48 0.02	58.79 4.51 0.02	64.36 4.82 0.02	71.71 5.13 0.02	77.57 5.61 0.02	73.99 5.10 0.02	67.17 4.51 0.02	64.42 4.22 0.02	60.13 4.04 0.00	53.43 3.21 0.00	47.96 2.67 0.00
ASTORIA_GT_7 24107	68.84 3.09 0.00	63.94 1.98 0.00	59.04 2.00 0.02	59.60 2.13 0.02	58.56 2.09 0.02	60.91 2.68 0.02	66.94 4.03 0.02	77.67 4.95 0.02	68.73 4.50 0.02	62.38 4.41 0.02	61.06 4.58 0.02	57.26 4.19 0.02	54.22 4.02 0.02	55.37 4.48 0.02	58.79 4.51 0.02	64.36 4.82 0.02	71.71 5.13 0.02	77.57 5.61 0.02	73.99 5.10 0.02	67.17 4.51 0.02	64.42 4.22 0.02	60.13 4.04 0.00	53.43 3.21 0.00	47.96 2.67 0.00
ASTORIA_GT_8 24108	68.84 3.09 0.00	63.94 1.98 0.00	59.04 2.00 0.02	59.60 2.13 0.02	58.56 2.09 0.02	60.91 2.68 0.02	66.94 4.03 0.02	77.67 4.95 0.02	68.73 4.50 0.02	62.38 4.41 0.02	61.06 4.58 0.02	57.26 4.19 0.02	54.22 4.02 0.02	55.37 4.48 0.02	58.79 4.51 0.02	64.36 4.82 0.02	71.71 5.13 0.02	77.57 5.61 0.02	73.99 5.10 0.02	67.17 4.51 0.02	64.42 4.22 0.02	60.13 4.04 0.00	53.43 3.21 0.00	47.96 2.67 0.00
ASTORIA___2 24149	68.78 3.03 0.00	63.62 1.67 0.01	58.76 1.71 0.01	59.44 1.96 0.01	58.34 1.86 0.01	60.57 2.33 0.01	65.76 2.83 0.01	76.44 3.71 0.01	67.96 3.72 0.01	61.98 4.00 0.01	60.78 4.29 0.01	57.06 3.98 0.01	54.03 3.82 0.01	55.17 4.28 0.01	58.47 4.18 0.01	63.89 4.35 0.01	71.12 4.53 0.01	76.86 4.90 0.01	73.25 4.34 0.01	66.43 3.76 0.01	64.19 3.97 0.01	60.00 3.92 0.01	53.43 3.22 0.01	47.87 2.58 0.00
ASTORIA___3 23516	68.78 3.03 0.00	63.94 1.98 0.00	59.12 2.05 -0.01	59.74 2.24 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.08 3.15 -0.01	76.89 4.14 -0.01	68.24 3.98 -0.01	62.06 4.06 -0.01	60.86 4.35 -0.01	57.12 4.03 -0.01	54.10 3.87 -0.01	55.24 4.32 -0.01	58.71 4.40 -0.01	64.21 4.65 -0.01	71.46 4.86 -0.01	77.23 5.25 -0.01	73.61 4.69 -0.01	66.82 4.14 -0.01	64.51 4.28 -0.01	60.30 4.21 0.00	53.64 3.42 0.00	47.92 2.63 0.00
ASTORIA___4 23517	68.78 3.02 0.00	64.13 2.17 0.00	59.28 2.23 0.00	59.85 2.36 0.00	58.81 2.32 0.00	61.16 2.91 0.00	67.15 4.22 0.00	77.90 5.16 0.00	68.87 4.63 0.00	62.34 4.35 0.00	61.02 4.52 0.00	57.22 4.14 0.00	54.19 3.97 0.00	55.28 4.38 0.00	58.92 4.62 0.00	64.56 5.00 0.00	71.92 5.33 0.00	77.80 5.83 0.00	74.22 5.31 0.00	67.38 4.70 0.00	64.62 4.40 0.00	60.29 4.21 0.00	53.53 3.31 0.00	47.92 2.63 0.00
ASTORIA___5 23518	68.78 3.03 0.00	63.94 1.98 0.00	59.12 2.05 -0.01	59.74 2.24 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.08 3.15 -0.01	76.89 4.14 -0.01	68.24 3.98 -0.01	62.06 4.06 -0.01	60.86 4.35 -0.01	57.12 4.03 -0.01	54.10 3.87 -0.01	55.24 4.32 -0.01	58.71 4.40 -0.01	64.21 4.65 -0.01	71.46 4.86 -0.01	77.23 5.25 -0.01	73.61 4.69 -0.01	66.82 4.14 -0.01	64.51 4.28 -0.01	60.30 4.21 0.00	53.64 3.42 0.00	47.92 2.63 0.00
AST_ENERGY_2_CC3 323677	63.59 2.43 4.60	42.85 1.73 20.84	42.85 1.54 15.75	42.85 1.72 16.36	42.85 1.64 15.28	42.85 2.27 17.66	42.85 3.15 23.23	45.83 4.00 30.91	42.85 3.85 25.25	42.85 3.71 18.86	50.52 3.90 9.87	50.52 3.61 6.17	50.52 3.46 3.16	50.52 3.92 4.30	50.52 3.96 7.74	50.52 4.17 13.20	55.68 4.46 15.38	62.31 4.75 14.40	58.77 4.27 14.41	52.01 3.82 14.49	50.52 3.80 13.50	50.52 3.76 9.33	50.52 3.06 2.76	47.55 2.26 0.01
AST_ENERGY_2_CC4 323678	63.59 2.43 4.60	42.85 1.73 20.84	42.85 1.54 15.75	42.85 1.72 16.36	42.85 1.64 15.28	42.85 2.27 17.66	42.85 3.15 23.23	45.83 4.00 30.91	42.85 3.85 25.25	42.85 3.71 18.86	50.52 3.90 9.87	50.52 3.61 6.17	50.52 3.46 3.16	50.52 3.92 4.30	50.52 3.96 7.74	50.52 4.17 13.20	55.68 4.46 15.38	62.31 4.75 14.40	58.77 4.27 14.41	52.01 3.82 14.49	50.52 3.80 13.50	50.52 3.76 9.33	50.52 3.06 2.76	47.55 2.26 0.01



ATHENS_STG_1 23668	67.40 1.64 0.00	63.39 1.43 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.84 1.35 0.00	59.99 1.75 0.00	64.88 1.95 0.00	75.07 2.33 0.00	66.43 2.19 0.00	59.96 1.97 0.00	58.59 2.09 0.00	54.99 1.91 0.00	52.08 1.86 0.00	52.89 1.98 0.00	56.31 2.01 0.00	61.76 2.20 0.00	68.99 2.39 0.00	74.49 2.52 0.00	71.25 2.34 0.00	64.81 2.13 0.00	62.33 2.11 0.00	58.16 2.08 0.00	51.93 1.71 0.00	46.61 1.31 0.00
ATHENS_STG_2 23670	67.40 1.64 0.00	63.39 1.43 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.84 1.35 0.00	59.99 1.75 0.00	64.88 1.95 0.00	75.07 2.33 0.00	66.43 2.19 0.00	59.96 1.97 0.00	58.59 2.09 0.00	54.99 1.91 0.00	52.08 1.86 0.00	52.89 1.98 0.00	56.31 2.01 0.00	61.76 2.20 0.00	68.99 2.39 0.00	74.49 2.52 0.00	71.25 2.34 0.00	64.81 2.13 0.00	62.33 2.11 0.00	58.16 2.08 0.00	51.93 1.71 0.00	46.61 1.31 0.00
ATHENS_STG_3 23677	67.40 1.64 0.00	63.39 1.43 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.84 1.35 0.00	59.99 1.75 0.00	64.88 1.95 0.00	75.07 2.33 0.00	66.43 2.19 0.00	59.96 1.97 0.00	58.59 2.09 0.00	54.99 1.91 0.00	52.08 1.86 0.00	52.89 1.98 0.00	56.31 2.01 0.00	61.76 2.20 0.00	68.99 2.39 0.00	74.49 2.52 0.00	71.25 2.34 0.00	64.81 2.13 0.00	62.33 2.11 0.00	58.16 2.08 0.00	51.93 1.71 0.00	46.61 1.31 0.00
AUBURN___LFGE 323710	65.29 -0.46 0.00	61.40 -0.56 0.00	56.60 -0.46 0.00	56.86 -0.63 0.00	55.93 -0.56 0.00	57.49 -0.76 0.00	61.99 -0.94 0.00	71.79 -0.95 0.00	63.35 -0.90 0.00	57.29 -0.70 0.00	55.65 -0.85 0.00	52.45 -0.64 0.00	49.57 -0.65 0.00	50.14 -0.76 0.00	53.70 -0.60 0.00	58.96 -0.60 0.00	66.13 -0.47 0.00	71.75 -0.22 0.00	68.70 -0.21 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	55.86 -0.22 0.00	49.87 -0.35 0.00	45.06 -0.23 0.00
BABYLON_RES_REC 323704	69.24 3.48 0.00	65.12 3.16 0.00	59.28 2.22 0.00	60.08 2.59 0.00	59.26 2.77 0.00	62.15 3.90 0.00	68.03 5.10 -0.01	77.75 5.02 0.00	69.26 5.01 0.00	61.94 3.95 0.00	60.79 4.29 0.00	57.28 4.19 0.00	54.34 4.12 0.00	56.00 5.09 -0.01	59.64 5.32 -0.02	67.44 5.60 -2.30	82.23 6.26 -9.38	88.00 6.69 -9.34	88.00 6.20 -12.88	81.94 5.52 -13.75	72.01 5.48 -6.31	64.64 5.27 -3.28	54.90 4.67 -0.01	49.06 3.76 -0.01
BALL_HILL_WT_PWR 323825	62.80 -2.96 0.00	58.80 -3.16 0.00	54.03 -3.03 0.00	54.10 -3.39 0.00	53.04 -3.45 0.00	53.12 -5.13 0.00	57.33 -5.60 0.00	64.81 -7.93 0.00	57.50 -6.74 0.00	53.35 -4.64 0.00	51.75 -4.75 0.00	49.21 -3.87 0.00	46.45 -3.77 0.00	46.53 -4.38 0.00	50.07 -4.24 0.00	54.43 -5.12 0.00	61.67 -4.93 0.00	67.65 -4.32 0.00	64.02 -4.89 0.00	58.60 -4.07 0.00	56.07 -4.15 0.00	51.94 -4.15 0.00	46.56 -3.66 0.00	42.98 -2.31 0.00
BARON_WINDS___WT_PWR 323822	65.03 -0.72 0.00	60.60 -1.36 0.00	55.57 -1.48 0.00	55.02 -2.47 0.00	53.78 -2.71 0.00	54.69 -3.55 0.00	58.90 -4.03 0.00	67.72 -5.02 0.00	5.17 -4.63 54.45	5.05 -3.83 49.11	5.08 -4.01 47.40	5.07 -3.45 44.56	4.90 -3.36 41.95	4.93 -3.61 42.36	4.98 -3.48 45.85	5.07 -3.93 50.55	5.20 -4.13 57.26	2.30 -3.89 65.79	5.24 -3.86 59.81	5.19 -3.32 54.16	5.08 -3.37 51.77	5.01 -3.36 47.71	1.90 -3.22 45.10	5.00 -2.76 37.52
BARRETT_IC_1 23704	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_10 23701	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_11 23702	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_12 23703	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_2 23705	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_3 23706	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_4 23707	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_5 23708	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01



BARRETT_IC_6 23709	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_7 23710	69.04 3.29 0.00	64.69 2.73 0.00	59.23 2.17 0.00	59.85 2.36 0.00	59.09 2.60 0.00	61.62 3.38 0.00	67.97 5.03 0.00	77.76 5.02 0.00	69.13 4.88 0.00	61.88 3.89 0.00	60.80 4.29 -0.01	57.18 4.09 -0.01	54.25 4.02 -0.01	55.70 4.78 -0.01	59.27 4.94 -0.02	67.03 5.18 -2.30	81.37 5.39 -9.38	87.14 5.83 -9.34	87.24 5.44 -12.88	81.25 4.83 -13.75	71.05 4.52 -6.31	63.92 4.54 -3.29	54.34 4.12 0.00	48.64 3.35 0.00
BARRETT_IC_8 23711	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT_IC_9 23700	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT___1 23545	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BARRETT___2 23546	69.04 3.29 0.00	64.81 2.85 0.00	59.11 2.05 0.00	59.90 2.41 0.00	58.97 2.48 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.18 4.44 0.00	68.87 4.63 0.00	61.76 3.77 0.00	60.63 4.12 -0.01	57.12 4.03 -0.01	54.15 3.92 -0.01	55.60 4.68 -0.02	59.11 4.78 -0.02	66.73 4.88 -2.30	81.10 5.13 -9.38	86.77 5.47 -9.34	86.89 5.10 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.92 4.54 -3.29	54.39 4.17 -0.01	48.65 3.35 -0.01
BATAVIA__115KV_TB1 55881	62.86 -2.89 0.00	59.17 -2.79 0.00	54.32 -2.74 0.00	54.61 -2.87 0.00	53.50 -2.99 0.00	53.41 -4.83 0.00	55.88 -7.05 0.00	64.45 -8.29 0.00	56.99 -7.26 0.00	53.00 -4.99 0.00	51.75 -4.75 0.00	49.47 -3.61 0.00	46.41 -3.82 0.00	46.58 -4.33 0.00	49.85 -4.45 0.00	54.13 -5.42 0.00	62.20 -4.40 0.00	67.43 -4.53 0.00	64.09 -4.82 0.00	58.67 -4.01 0.00	57.09 -3.13 0.00	52.78 -3.31 0.00	47.26 -2.96 0.00	43.57 -1.72 0.00
BAYONEEC___CTG1 323682	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BAYONEEC___CTG10 323750	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BAYONEEC___CTG2 323683	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BAYONEEC___CTG3 323684	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BAYONEEC___CTG4 323685	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BAYONEEC___CTG5 323686	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BAYONEEC___CTG6 323687	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BAYONEEC___CTG7 323688	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00



BAYONEEC___CTG8 323689	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BAYONEEC___CTG9 323749	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.33 1.84 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.84 3.62 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.32 4.41 0.00	66.56 3.89 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BEACON___LESR 323632	68.32 2.56 0.00	64.31 2.35 0.00	59.17 2.11 0.00	59.73 2.24 0.00	58.75 2.26 0.00	60.87 2.62 0.00	65.45 2.52 0.00	75.07 2.33 0.00	66.49 2.25 0.00	59.73 1.74 0.00	58.36 1.86 0.00	54.67 1.59 0.00	51.73 1.51 0.00	52.53 1.63 0.00	56.15 1.85 0.00	61.64 2.08 0.00	68.92 2.33 0.00	74.34 2.37 0.00	71.32 2.41 0.00	65.00 2.32 0.00	62.51 2.29 0.00	58.16 2.08 0.00	52.33 2.11 0.00	47.33 2.04 0.00
BEAVER RIVER___HYD 24048	67.33 1.58 0.00	63.63 1.67 0.00	58.65 1.60 0.00	58.52 1.04 0.00	57.51 1.02 0.00	59.23 0.99 0.00	64.38 1.45 0.00	74.48 1.74 0.00	65.60 1.35 0.00	58.74 0.75 0.00	57.23 0.73 0.00	53.67 0.58 0.00	50.83 0.60 0.00	51.46 0.56 0.00	55.00 0.70 0.00	60.50 0.95 0.00	67.19 0.60 0.00	72.54 0.57 0.00	69.80 0.89 0.00	63.49 0.81 0.00	60.89 0.66 0.00	56.71 0.62 0.00	51.07 0.85 0.00	45.97 0.68 0.00
BEEBEE_GT_13 23619	63.26 -2.50 0.00	59.42 -2.54 0.00	54.78 -2.28 0.00	54.90 -2.59 0.00	54.06 -2.43 0.00	54.75 -3.49 0.00	57.90 -5.03 0.00	66.99 -5.75 0.00	59.17 -5.08 0.00	54.40 -3.60 0.00	52.99 -3.50 0.00	50.38 -2.71 0.00	47.41 -2.81 0.00	47.75 -3.16 0.00	51.04 -3.26 0.00	55.74 -3.81 0.00	63.33 -3.26 0.00	68.51 -3.45 0.00	65.40 -3.51 0.00	59.67 -3.01 0.00	57.81 -2.41 0.00	53.56 -2.52 0.00	47.86 -2.36 0.00	43.75 -1.54 0.00
BENSHRST_27_KV_BENSHRST_1 355998	69.24 3.48 0.00	64.75 2.79 0.00	59.85 2.80 0.00	60.42 2.93 0.00	59.32 2.82 0.00	61.62 3.38 0.00	67.78 4.85 0.00	78.49 5.75 0.00	69.32 5.08 0.00	62.75 4.76 0.00	61.41 4.92 0.00	57.59 4.51 0.00	54.54 4.32 0.00	55.64 4.73 0.00	59.30 5.00 0.00	65.03 5.48 0.00	72.39 5.79 0.00	78.37 6.41 0.00	74.84 5.93 0.00	67.94 5.26 0.00	65.22 5.00 0.00	60.74 4.66 0.00	53.74 3.52 0.00	48.10 2.81 0.00
BETHLEHEM___GRP 23843	67.40 1.64 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	59.99 1.75 0.00	64.44 1.51 0.00	73.76 1.02 0.00	65.27 1.03 0.00	58.80 0.81 0.00	57.40 0.90 0.00	53.93 0.85 0.00	51.03 0.80 0.00	51.82 0.92 0.00	55.33 1.03 0.00	60.74 1.19 0.00	67.73 1.13 0.00	73.05 1.08 0.00	70.01 1.10 0.00	63.81 1.13 0.00	61.25 1.02 0.00	57.15 1.07 0.00	51.48 1.26 0.00	46.65 1.36 0.00
BETHLEHEM___GS1 323560	67.40 1.64 0.00	63.44 1.48 0.00	58.43 1.37 0.00	58.98 1.49 0.00	57.96 1.47 0.00	59.99 1.75 0.00	64.31 1.38 0.00	73.62 0.88 0.00	65.21 0.97 0.00	58.74 0.75 0.00	57.40 0.90 0.00	53.88 0.80 0.00	51.02 0.80 0.00	51.82 0.92 0.00	55.28 0.98 0.00	60.63 1.07 0.00	67.66 1.06 0.00	72.98 1.01 0.00	69.95 1.04 0.00	63.74 1.06 0.00	61.31 1.09 0.00	57.15 1.06 0.00	51.48 1.26 0.00	46.65 1.36 0.00
BETHLEHEM___GS2 323561	67.40 1.64 0.00	63.44 1.48 0.00	58.43 1.37 0.00	58.98 1.49 0.00	57.96 1.47 0.00	59.99 1.75 0.00	64.31 1.38 0.00	73.62 0.88 0.00	65.21 0.97 0.00	58.74 0.75 0.00	57.40 0.90 0.00	53.88 0.80 0.00	51.02 0.80 0.00	51.82 0.92 0.00	55.28 0.98 0.00	60.63 1.07 0.00	67.66 1.06 0.00	72.98 1.01 0.00	69.95 1.04 0.00	63.74 1.06 0.00	61.31 1.09 0.00	57.15 1.06 0.00	51.48 1.26 0.00	46.65 1.36 0.00
BETHLEHEM___GS3 323562	67.40 1.64 0.00	63.44 1.48 0.00	58.43 1.37 0.00	58.98 1.49 0.00	57.96 1.47 0.00	59.99 1.75 0.00	64.31 1.38 0.00	73.62 0.88 0.00	65.21 0.97 0.00	58.74 0.75 0.00	57.40 0.90 0.00	53.88 0.80 0.00	51.02 0.80 0.00	51.82 0.92 0.00	55.28 0.98 0.00	60.63 1.07 0.00	67.66 1.06 0.00	72.98 1.01 0.00	69.95 1.04 0.00	63.74 1.06 0.00	61.31 1.09 0.00	57.15 1.06 0.00	51.48 1.26 0.00	46.65 1.36 0.00
BETHLEHEM___STEEL 23779	62.33 -3.42 0.00	58.37 -3.59 0.00	53.86 -3.20 0.00	53.92 -3.56 0.00	52.88 -3.62 0.00	52.71 -5.53 0.00	54.94 -7.99 0.00	62.99 -9.75 0.00	55.96 -8.29 0.00	52.25 -5.74 0.00	51.02 -5.48 0.00	48.89 -4.19 0.00	45.80 -4.42 0.00	45.92 -4.99 0.00	49.03 -5.27 0.00	52.88 -6.67 0.00	60.73 -5.86 0.00	66.14 -5.83 0.00	62.71 -6.20 0.00	57.48 -5.20 0.00	55.83 -4.40 0.00	51.77 -4.32 0.00	46.50 -3.72 0.00	42.98 -2.31 0.00
BETHLHEM_115KV_TB1 79974	67.40 1.64 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	59.93 1.69 0.00	64.44 1.51 0.00	73.90 1.16 0.00	65.34 1.09 0.00	58.92 0.93 0.00	57.51 1.02 0.00	53.99 0.90 0.00	51.13 0.90 0.00	51.87 0.97 0.00	55.39 1.09 0.00	60.80 1.25 0.00	67.79 1.20 0.00	73.12 1.15 0.00	70.15 1.24 0.00	63.87 1.19 0.00	61.37 1.14 0.00	57.21 1.12 0.00	51.48 1.26 0.00	46.65 1.36 0.00
BETHPAGE_CC_5 323564	68.91 3.16 0.00	64.81 2.85 0.00	59.05 2.00 0.00	59.85 2.36 0.00	58.97 2.48 0.00	61.80 3.55 0.00	67.53 4.59 -0.01	77.32 4.59 0.00	68.81 4.56 0.00	61.71 3.71 0.00	60.57 4.07 0.00	57.12 4.03 0.00	54.14 3.92 0.00	55.70 4.78 -0.01	59.31 4.99 -0.02	67.09 5.24 -2.30	81.57 5.59 -9.38	87.28 5.97 -9.34	87.31 5.51 -12.88	81.37 4.95 -13.75	71.41 4.88 -6.31	64.20 4.82 -3.28	54.75 4.52 -0.01	48.92 3.62 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	62.73 -3.02 0.00	58.68 -3.28 0.00	54.15 -2.91 0.00	54.15 -3.33 0.00	53.10 -3.39 0.00	53.00 -5.24 0.00	55.38 -7.55 0.00	63.43 -9.31 0.00	56.34 -7.90 0.00	52.54 -5.45 0.00	51.24 -5.25 0.00	49.10 -3.98 0.00	46.05 -4.17 0.00	46.12 -4.78 0.00	49.31 -5.00 0.00	53.18 -6.37 0.00	61.00 -5.59 0.00	66.50 -5.47 0.00	63.05 -5.86 0.00	57.79 -4.89 0.00	56.07 -4.16 0.00	51.99 -4.09 0.00	46.65 -3.57 0.00	43.12 -2.17 0.00
BINGHAMTON___COGEN 23790	65.49 -0.26 0.00	61.59 -0.37 0.00	56.72 -0.34 0.00	56.97 -0.52 0.00	56.04 -0.45 0.00	57.49 -0.76 0.00	61.92 -1.01 0.00	71.65 -1.09 0.00	63.22 -1.03 0.00	57.29 -0.70 0.00	55.76 -0.73 0.00	52.61 -0.48 0.00	49.67 -0.55 0.00	50.24 -0.66 0.00	53.81 -0.49 0.00	58.90 -0.66 0.00	66.20 -0.40 0.00	71.82 -0.14 0.00	68.63 -0.28 0.00	62.49 -0.19 0.00	60.10 -0.12 0.00	55.81 -0.28 0.00	49.87 -0.35 0.00	45.11 -0.18 0.00



BIXINCNT_115KV_LOAD 355685	64.18 -1.58 0.00	59.42 -2.54 0.00	54.55 -2.51 0.00	54.27 -3.22 0.00	53.16 -3.33 0.00	53.06 -5.18 0.00	55.82 -7.11 0.00	63.94 -8.80 0.00	56.41 -7.84 0.00	52.19 -5.80 0.00	50.79 -5.71 0.00	48.52 -4.57 0.00	45.65 -4.57 0.00	45.81 -5.09 0.00	49.03 -5.27 0.00	52.88 -6.67 0.00	60.33 -6.26 0.00	65.78 -6.19 0.00	62.23 -6.68 0.00	56.97 -5.70 0.00	55.04 -5.18 0.00	50.87 -5.22 0.00	45.65 -4.57 0.00	42.08 -3.22 0.00
BLACK RIVER___HYD 24047	68.12 2.36 0.00	64.37 2.41 0.00	59.28 2.22 0.00	59.33 1.84 0.00	58.41 1.92 0.00	60.28 2.04 0.00	65.64 2.70 0.00	76.16 3.42 0.00	67.01 2.76 0.00	59.73 1.74 0.00	58.02 1.53 0.00	54.41 1.33 0.00	51.53 1.30 0.00	52.18 1.27 0.00	55.93 1.63 0.00	61.69 2.14 0.00	68.86 2.27 0.00	74.42 2.45 0.00	71.67 2.76 0.00	65.19 2.51 0.00	62.51 2.29 0.00	58.16 2.08 0.00	52.03 1.81 0.00	46.78 1.49 0.00
BLACKRVR_115KV_TB2 79977	68.12 2.37 0.00	64.31 2.35 0.00	59.28 2.23 0.00	59.21 1.72 0.00	58.41 1.92 0.00	60.28 2.04 0.00	65.45 2.52 0.00	76.01 3.27 0.00	66.94 2.70 0.00	59.67 1.68 0.00	57.97 1.47 0.00	54.36 1.27 0.00	51.48 1.26 0.00	52.18 1.27 0.00	55.88 1.57 0.00	61.58 2.02 0.00	68.79 2.20 0.00	74.34 2.37 0.00	71.60 2.69 0.00	65.12 2.44 0.00	62.51 2.29 0.00	58.16 2.08 0.00	52.03 1.81 0.00	46.79 1.49 0.00
BLDWN_LI_69_KV_BK4 356085	69.30 3.55 0.00	64.87 2.91 0.00	59.40 2.34 0.00	60.08 2.59 0.00	59.32 2.82 0.00	61.86 3.61 0.00	68.22 5.29 0.00	77.98 5.24 0.00	69.19 4.95 0.00	61.93 3.94 0.00	60.68 4.18 0.00	57.28 4.19 0.00	54.29 4.07 0.00	55.79 4.89 0.00	59.42 5.10 -0.02	67.45 5.60 -2.30	81.97 5.99 -9.38	87.93 6.62 -9.34	87.93 6.13 -12.88	81.88 5.45 -13.75	71.65 5.12 -6.31	64.31 4.94 -3.29	54.64 4.42 0.00	48.87 3.58 0.00
BLISS_WT_PWR 323608	64.24 -1.51 0.00	59.48 -2.48 0.00	54.32 -2.74 0.00	54.04 -3.45 0.00	52.87 -3.62 0.00	52.71 -5.53 0.00	56.95 -5.98 0.00	64.23 -8.51 0.00	56.60 -7.65 0.00	52.25 -5.74 0.00	50.62 -5.88 0.00	48.04 -5.04 0.00	45.45 -4.77 0.00	45.61 -5.30 0.00	49.09 -5.21 0.00	53.30 -6.25 0.00	60.14 -6.46 0.00	65.71 -6.26 0.00	62.36 -6.55 0.00	57.04 -5.64 0.00	54.38 -5.84 0.00	50.20 -5.89 0.00	45.10 -5.12 0.00	41.53 -3.76 0.00
BLUESTONE___WT_PWR 323821	68.78 3.03 0.00	64.87 2.91 0.00	59.68 2.63 0.00	59.90 2.41 0.00	58.75 2.26 0.00	60.28 2.04 0.00	65.19 2.26 0.00	75.21 2.47 0.00	66.17 1.93 0.00	59.33 1.33 0.00	57.46 0.96 0.00	53.98 0.90 0.00	51.02 0.80 0.00	51.72 0.81 0.00	56.31 2.01 0.00	62.05 2.50 0.00	69.79 3.20 0.00	75.71 3.74 0.00	72.70 3.79 0.00	66.12 3.44 0.00	63.41 3.19 0.00	57.94 1.85 0.00	51.48 1.26 0.00	46.38 1.09 0.00
BLUE_CIRC_CHEM_DRP 24182	67.86 2.10 0.00	63.88 1.92 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.28 2.04 0.00	64.94 2.01 0.00	74.70 1.96 0.00	65.92 1.67 0.00	59.27 1.28 0.00	57.80 1.30 0.00	54.20 1.11 0.00	51.33 1.10 0.00	52.07 1.17 0.00	55.66 1.36 0.00	61.22 1.67 0.00	68.46 1.86 0.00	73.91 1.94 0.00	70.84 1.93 0.00	64.50 1.82 0.00	61.97 1.75 0.00	57.77 1.68 0.00	51.83 1.61 0.00	46.83 1.54 0.00
BOC_GAS_DRP 24189	67.00 1.25 0.00	63.14 1.18 0.00	58.09 1.03 0.00	58.70 1.21 0.00	57.68 1.19 0.00	59.58 1.34 0.00	64.32 1.38 0.00	74.12 1.38 0.00	65.47 1.22 0.00	59.03 1.04 0.00	57.63 1.13 0.00	54.14 1.06 0.00	51.23 1.00 0.00	51.97 1.07 0.00	55.50 1.19 0.00	60.86 1.31 0.00	67.99 1.40 0.00	73.41 1.44 0.00	70.29 1.38 0.00	63.99 1.32 0.00	61.43 1.20 0.00	57.26 1.18 0.00	51.32 1.10 0.00	46.38 1.09 0.00
BOONVILLE_115KV_TB1 79983	67.40 1.64 0.00	63.57 1.61 0.00	58.54 1.48 0.00	58.58 1.09 0.00	57.68 1.19 0.00	59.53 1.28 0.00	64.50 1.57 0.00	74.70 1.96 0.00	65.85 1.61 0.00	59.09 1.10 0.00	57.46 0.96 0.00	53.93 0.85 0.00	51.08 0.85 0.00	51.77 0.87 0.00	55.28 0.98 0.00	60.80 1.25 0.00	67.93 1.33 0.00	73.41 1.44 0.00	70.43 1.52 0.00	64.06 1.38 0.00	61.49 1.26 0.00	57.26 1.18 0.00	51.27 1.05 0.00	46.15 0.86 0.00
BORALEX_4TH_BRANCH 23824	68.58 2.83 0.00	64.31 2.35 0.00	59.17 2.11 0.00	59.96 2.47 0.00	58.92 2.43 0.00	60.98 2.74 0.00	66.01 3.08 0.00	76.23 3.49 0.00	67.39 3.15 0.00	60.66 2.67 0.00	59.15 2.66 0.00	55.52 2.44 0.00	52.48 2.26 0.00	53.25 2.34 0.00	56.85 2.55 0.00	62.41 2.86 0.00	69.79 3.20 0.00	75.42 3.45 0.00	72.29 3.38 0.00	65.81 3.13 0.00	63.17 2.95 0.00	58.89 2.80 0.00	52.73 2.51 0.00	47.60 2.31 0.00
BOWLINE___1 23526	67.66 1.91 0.00	63.32 1.36 0.00	58.31 1.25 0.00	58.93 1.44 0.00	57.84 1.35 0.00	60.11 1.86 0.00	65.45 2.52 0.00	75.94 3.20 0.00	67.27 3.02 0.00	60.77 2.78 0.00	59.55 3.05 0.00	55.89 2.81 0.00	52.93 2.71 0.00	54.01 3.11 0.00	57.45 3.15 0.00	62.89 3.33 0.00	70.25 3.66 0.00	75.85 3.88 0.00	72.42 3.51 0.00	65.81 3.13 0.00	63.35 3.13 0.00	59.17 3.08 0.00	52.73 2.51 0.00	47.19 1.90 0.00
BOWLINE___2 23595	67.53 1.78 0.00	63.20 1.24 0.00	58.20 1.14 0.00	58.81 1.32 0.00	57.73 1.24 0.00	59.99 1.75 0.00	65.38 2.45 0.00	75.79 3.05 0.00	67.14 2.89 0.00	60.72 2.73 0.00	59.49 2.99 0.00	55.84 2.76 0.00	52.88 2.66 0.00	53.96 3.05 0.00	57.39 3.09 0.00	62.83 3.27 0.00	70.12 3.53 0.00	75.71 3.74 0.00	72.35 3.44 0.00	65.69 3.01 0.00	63.23 3.01 0.00	59.11 3.03 0.00	52.68 2.46 0.00	47.19 1.90 0.00
BRADY___115KV_TB2 356060	67.46 1.71 0.00	63.94 1.98 0.00	58.88 1.83 0.00	59.33 1.84 0.00	58.19 1.69 0.00	59.76 1.51 0.00	64.63 1.70 0.00	74.70 1.96 0.00	65.98 1.73 0.00	59.50 1.51 0.00	58.87 2.37 0.00	54.94 1.86 0.00	52.28 2.06 0.00	51.92 1.02 0.00	55.28 0.98 0.00	60.45 0.89 0.00	67.39 0.80 0.00	72.69 0.72 0.00	69.67 0.76 0.00	63.37 0.69 0.00	60.88 0.66 0.00	56.76 0.67 0.00	51.17 0.95 0.00	46.20 0.91 0.00
BRANSCOMB___SOLAR 323811	68.64 2.89 0.00	64.56 2.60 0.00	59.40 2.34 0.00	59.96 2.47 0.00	58.97 2.48 0.00	61.10 2.85 0.00	66.08 3.15 0.00	76.23 3.49 0.00	67.39 3.15 0.00	60.25 2.26 0.00	58.64 2.15 0.00	54.94 1.86 0.00	51.93 1.71 0.00	52.68 1.78 0.00	56.36 2.06 0.00	62.11 2.56 0.00	69.73 3.13 0.00	75.21 3.24 0.00	72.22 3.31 0.00	65.81 3.13 0.00	63.17 2.95 0.00	58.83 2.75 0.00	52.63 2.41 0.00	47.87 2.58 0.00
BRDGHMPT_69_KV_BK1 55812	70.03 4.27 0.00	65.61 3.66 0.00	60.25 3.20 0.00	61.00 3.51 0.00	60.50 4.01 0.00	63.08 4.83 0.00	69.92 6.99 0.00	79.87 7.13 0.00	71.25 7.00 0.00	62.86 4.87 0.00	62.09 5.59 0.00	58.44 5.36 0.00	55.70 5.47 0.00	57.11 6.21 0.00	61.11 6.79 -0.02	68.99 7.15 -2.30	84.57 8.59 -9.38	90.16 8.85 -9.34	90.06 8.27 -12.88	83.94 7.52 -13.75	74.00 7.47 -6.31	66.33 6.95 -3.28	56.05 5.83 0.00	50.14 4.85 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	69.63 3.88 0.00	65.18 3.22 0.00	59.63 2.57 0.00	60.31 2.82 0.00	59.71 3.22 0.00	62.26 4.02 0.00	68.91 5.98 0.00	78.70 5.96 0.00	69.83 5.59 0.00	62.22 4.23 0.00	61.19 4.69 0.00	57.59 4.51 0.00	54.69 4.47 0.00	56.40 5.50 0.00	60.24 5.92 -0.02	68.22 6.37 -2.30	83.10 7.13 -9.38	89.01 7.70 -9.34	88.89 7.10 -12.88	82.75 6.33 -13.75	72.62 6.08 -6.31	65.09 5.72 -3.28	55.19 4.97 0.00	49.37 4.08 0.00
BRISTLHL_115KV_TB1 79998	64.18 -1.58 0.00	60.35 -1.61 0.00	55.63 -1.43 0.00	55.94 -1.55 0.00	55.02 -1.47 0.00	56.61 -1.63 0.00	61.04 -1.89 0.00	70.70 -2.04 0.00	62.45 -1.80 0.00	56.43 -1.57 0.00	54.86 -1.64 0.00	51.70 -1.38 0.00	48.87 -1.36 0.00	49.48 -1.43 0.00	52.94 -1.36 0.00	58.06 -1.49 0.00	65.06 -1.53 0.00	70.46 -1.51 0.00	67.46 -1.45 0.00	61.36 -1.32 0.00	58.96 -1.26 0.00	54.85 -1.23 0.00	49.07 -1.16 0.00	44.29 -1.00 0.00
BROOKHAVEN___DRP 24191	68.84 3.09 0.00	64.44 2.48 0.00	59.17 2.11 0.00	59.85 2.36 0.00	59.26 2.77 0.00	61.86 3.61 0.00	68.53 5.60 0.00	78.27 5.53 0.00	69.71 5.46 0.00	61.70 3.71 0.00	60.90 4.41 0.00	57.33 4.25 0.00	54.59 4.37 0.00	56.10 5.19 0.00	59.97 5.65 -0.02	67.80 5.96 -2.30	82.97 6.99 -9.38	88.50 7.20 -9.34	88.48 6.68 -12.88	82.50 6.08 -13.75	72.56 6.02 -6.31	65.04 5.66 -3.28	55.04 4.82 0.00	49.19 3.90 0.00
BROOKLYN_NAVY_YARD 23515	68.25 2.50 0.00	63.76 1.80 0.00	58.65 1.60 0.00	59.27 1.78 0.00	58.18 1.69 0.00	60.63 2.39 0.00	66.20 3.27 0.00	76.88 4.14 0.00	68.30 4.05 0.00	61.88 3.89 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.79 3.57 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.84 4.29 0.00	71.19 4.59 0.00	76.86 4.90 0.00	73.39 4.48 0.00	66.69 4.01 0.00	64.20 3.97 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.64 2.35 0.00
BROOKLYN___ARMY_DRP 323595	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
BROOME_2_LFGE 323671	65.56 -0.20 0.00	61.65 -0.31 0.00	56.72 -0.34 0.00	57.03 -0.46 0.00	56.04 -0.45 0.00	57.43 -0.82 0.00	62.11 -0.82 0.00	71.65 -1.09 0.00	63.35 -0.90 0.00	57.41 -0.58 0.00	55.82 -0.68 0.00	52.60 -0.48 0.00	49.72 -0.50 0.00	50.30 -0.61 0.00	53.86 -0.44 0.00	59.02 -0.54 0.00	66.26 -0.33 0.00	71.97 0.00 0.00	68.77 -0.14 0.00	62.61 -0.06 0.00	60.10 -0.12 0.00	55.81 -0.28 0.00	49.87 -0.35 0.00	45.11 -0.18 0.00
BROOME___LFGE 323600	65.56 -0.20 0.00	61.65 -0.31 0.00	56.72 -0.34 0.00	57.03 -0.46 0.00	56.04 -0.45 0.00	57.43 -0.82 0.00	62.11 -0.82 0.00	71.65 -1.09 0.00	63.35 -0.90 0.00	57.41 -0.58 0.00	55.82 -0.68 0.00	52.60 -0.48 0.00	49.72 -0.50 0.00	50.30 -0.61 0.00	53.86 -0.44 0.00	59.02 -0.54 0.00	66.26 -0.33 0.00	71.97 0.00 0.00	68.77 -0.14 0.00	62.61 -0.06 0.00	60.10 -0.12 0.00	55.81 -0.28 0.00	49.87 -0.35 0.00	45.11 -0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	67.00 1.25 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.52 1.03 0.00	57.45 0.96 0.00	59.00 0.76 0.00	63.94 1.01 0.00	73.98 1.24 0.00	65.27 1.03 0.00	58.69 0.70 0.00	57.18 0.68 0.00	53.56 0.48 0.00	50.87 0.65 0.00	51.41 0.51 0.00	54.84 0.54 0.00	60.03 0.48 0.00	66.46 -0.13 0.00	71.68 -0.29 0.00	68.77 -0.14 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	56.03 -0.06 0.00	50.82 0.60 0.00	45.83 0.54 0.00
BROWNSV1_27_KV_LOAD 356125	68.98 3.22 0.00	64.50 2.54 0.00	59.28 2.23 0.00	59.90 2.41 0.00	58.86 2.37 0.00	61.27 3.03 0.00	67.34 4.41 0.00	78.19 5.46 0.00	69.13 4.88 0.00	62.57 4.58 0.00	61.24 4.75 0.00	57.44 4.35 0.00	54.39 4.17 0.00	55.49 4.58 0.00	59.08 4.78 0.00	64.79 5.24 0.00	72.19 5.59 0.00	78.09 6.12 0.00	74.56 5.65 0.00	67.63 4.95 0.00	64.86 4.64 0.00	60.52 4.43 0.00	53.79 3.57 0.00	48.05 2.76 0.00
BURROWS___LYONSDAL 23803	67.33 1.58 0.00	63.57 1.61 0.00	58.60 1.54 0.00	58.47 0.98 0.00	57.56 1.07 0.00	59.41 1.16 0.00	64.38 1.45 0.00	74.56 1.82 0.00	65.72 1.48 0.00	58.92 0.93 0.00	57.35 0.85 0.00	53.77 0.69 0.00	50.93 0.70 0.00	51.62 0.71 0.00	55.17 0.87 0.00	60.62 1.07 0.00	67.66 1.07 0.00	73.12 1.15 0.00	70.22 1.31 0.00	63.87 1.19 0.00	61.31 1.08 0.00	57.04 0.95 0.00	51.17 0.95 0.00	46.06 0.77 0.00
CAITHNESS_CC_1 323624	68.78 3.03 0.00	64.87 2.91 0.00	59.00 1.94 0.00	59.85 2.36 0.00	59.09 2.60 0.00	62.21 3.96 0.00	67.98 5.04 -0.01	77.61 4.87 0.00	69.32 5.07 0.00	61.59 3.60 0.00	60.62 4.12 0.00	57.17 4.09 0.00	54.34 4.12 0.00	55.95 5.04 -0.01	59.69 5.38 -0.02	67.39 5.54 -2.30	82.51 6.53 -9.38	87.92 6.62 -9.34	87.93 6.13 -12.88	82.07 5.64 -13.75	72.26 5.72 -6.31	64.81 5.44 -3.28	54.95 4.72 -0.01	49.06 3.76 -0.01
CALPINE BETH_PAGE_GT4 24209	69.11 3.35 0.00	64.75 2.79 0.00	59.28 2.23 0.00	59.90 2.41 0.00	59.20 2.71 0.00	61.74 3.49 0.00	68.09 5.16 0.00	77.98 5.24 0.00	69.19 4.95 0.00	61.93 3.94 0.00	60.79 4.29 0.00	57.28 4.19 0.00	54.29 4.07 0.00	55.84 4.94 0.00	59.53 5.21 -0.02	67.45 5.60 -2.30	81.84 5.86 -9.38	87.64 6.33 -9.34	87.72 5.93 -12.88	81.63 5.20 -13.75	71.47 4.94 -6.31	64.14 4.77 -3.28	54.64 4.42 0.00	48.91 3.62 0.00
CALPINE_BETH_PAGE_GT_4 323586	69.11 3.35 0.00	64.93 2.97 0.00	59.17 2.11 0.00	59.96 2.47 0.00	59.09 2.60 0.00	61.86 3.61 0.00	67.66 4.72 -0.01	77.46 4.73 0.00	68.93 4.69 0.00	61.82 3.83 0.00	60.62 4.12 0.00	57.23 4.14 0.00	54.24 4.02 0.00	55.75 4.84 -0.01	59.37 5.05 -0.02	67.15 5.30 -2.30	81.57 5.59 -9.38	87.28 5.97 -9.34	87.31 5.51 -12.88	81.37 4.95 -13.75	71.41 4.88 -6.31	64.14 4.76 -3.28	54.70 4.47 -0.01	48.92 3.62 -0.01
CALPINE_BP_GT1 23823	69.11 3.35 0.00	64.93 2.97 0.00	59.17 2.11 0.00	59.96 2.47 0.00	59.09 2.60 0.00	61.86 3.61 0.00	67.66 4.72 -0.01	77.46 4.73 0.00	68.93 4.69 0.00	61.82 3.83 0.00	60.62 4.12 0.00	57.23 4.14 0.00	54.24 4.02 0.00	55.75 4.84 -0.01	59.37 5.05 -0.02	67.15 5.30 -2.30	81.57 5.59 -9.38	87.28 5.97 -9.34	87.31 5.51 -12.88	81.37 4.95 -13.75	71.41 4.88 -6.31	64.14 4.76 -3.28	54.70 4.47 -0.01	48.92 3.62 -0.01
CALSPAN___DRP 24200	62.33 -3.42 0.00	58.37 -3.59 0.00	53.86 -3.20 0.00	53.92 -3.56 0.00	52.88 -3.62 0.00	52.71 -5.53 0.00	54.94 -7.99 0.00	62.99 -9.75 0.00	55.96 -8.29 0.00	52.25 -5.74 0.00	51.02 -5.48 0.00	48.89 -4.19 0.00	45.80 -4.42 0.00	45.92 -4.99 0.00	49.03 -5.27 0.00	52.88 -6.67 0.00	60.73 -5.86 0.00	66.14 -5.83 0.00	62.71 -6.20 0.00	57.48 -5.20 0.00	55.83 -4.40 0.00	51.77 -4.32 0.00	46.50 -3.72 0.00	42.98 -2.31 0.00



CALVERTON___SOLAR 323806	68.91 3.16 0.00	65.18 3.22 0.00	59.23 2.17 0.00	60.08 2.59 0.00	59.31 2.82 0.00	62.61 4.37 0.00	68.29 5.35 -0.01	77.98 5.24 0.00	69.77 5.53 0.00	61.82 3.83 0.00	60.91 4.41 0.00	57.44 4.35 0.00	54.69 4.47 0.00	56.21 5.29 -0.01	60.02 5.70 -0.02	67.62 5.77 -2.30	83.03 7.06 -9.38	88.36 7.06 -9.34	88.41 6.62 -12.88	82.44 6.02 -13.75	72.80 6.26 -6.31	65.26 5.89 -3.28	55.25 5.02 -0.01	49.33 4.03 -0.01
CANDIGU_WT_PWR 323617	65.03 -0.72 0.00	60.60 -1.36 0.00	55.57 -1.48 0.00	55.02 -2.47 0.00	53.78 -2.71 0.00	54.69 -3.55 0.00	58.90 -4.03 0.00	67.72 -5.02 0.00	5.17 -4.63 54.45	5.05 -3.83 49.11	5.08 -4.01 47.40	5.07 -3.45 44.56	4.90 -3.36 41.95	4.93 -3.61 42.36	4.98 -3.48 45.85	5.07 -3.93 50.55	5.20 -4.13 57.26	2.30 -3.89 65.79	5.24 -3.86 59.81	5.19 -3.32 54.16	5.08 -3.37 51.77	5.01 -3.36 47.71	1.90 -3.22 45.10	5.00 -2.76 37.52
CARR STREET_E_SYR 24060	64.31 -1.45 0.00	60.47 -1.49 0.00	55.69 -1.37 0.00	56.05 -1.43 0.00	55.13 -1.36 0.00	56.67 -1.57 0.00	61.29 -1.64 0.00	70.85 -1.89 0.00	62.57 -1.67 0.00	56.60 -1.39 0.00	55.03 -1.47 0.00	51.81 -1.27 0.00	49.02 -1.21 0.00	49.63 -1.27 0.00	53.11 -1.19 0.00	58.30 -1.25 0.00	65.26 -1.33 0.00	70.67 -1.29 0.00	67.74 -1.17 0.00	61.61 -1.07 0.00	59.08 -1.15 0.00	54.97 -1.12 0.00	49.26 -0.96 0.00	44.52 -0.77 0.00
CARTHAGE___PAPER 23857	67.72 1.97 0.00	64.00 2.04 0.00	59.00 1.94 0.00	58.93 1.44 0.00	57.96 1.47 0.00	59.76 1.51 0.00	65.07 2.14 0.00	75.35 2.61 0.00	66.36 2.12 0.00	59.26 1.27 0.00	57.63 1.13 0.00	54.04 0.96 0.00	51.17 0.95 0.00	51.82 0.92 0.00	55.44 1.14 0.00	61.04 1.49 0.00	68.00 1.40 0.00	73.48 1.51 0.00	70.70 1.79 0.00	64.30 1.63 0.00	61.67 1.44 0.00	57.38 1.29 0.00	51.52 1.30 0.00	46.33 1.04 0.00
CASSADAGA_WT_PWR 323784	63.78 -1.97 0.00	59.42 -2.54 0.00	54.49 -2.57 0.00	54.56 -2.93 0.00	53.38 -3.11 0.00	53.64 -4.60 0.00	58.21 -4.72 0.00	65.83 -6.91 0.00	58.34 -5.91 0.00	53.93 -4.06 0.00	52.20 -4.30 0.00	49.58 -3.51 0.00	46.76 -3.46 0.00	46.88 -4.02 0.00	50.45 -3.85 0.00	54.85 -4.71 0.00	62.20 -4.40 0.00	68.22 -3.75 0.00	64.50 -4.41 0.00	58.98 -3.70 0.00	56.49 -3.73 0.00	52.22 -3.87 0.00	46.80 -3.42 0.00	43.16 -2.13 0.00
CE_DUNWOOD___DRP 24194	68.19 2.43 0.00	63.88 1.92 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.57 2.33 0.00	66.46 3.52 0.00	76.96 4.22 0.00	68.04 3.79 0.00	61.53 3.54 0.00	60.23 3.73 0.00	56.48 3.40 0.00	53.49 3.26 0.00	54.57 3.67 0.00	58.10 3.80 0.00	63.78 4.23 0.00	71.06 4.46 0.00	76.86 4.89 0.00	73.39 4.48 0.00	66.63 3.95 0.00	63.90 3.67 0.00	59.68 3.59 0.00	53.08 2.86 0.00	47.51 2.22 0.00
CE_MILLWOOD___DRP 24193	67.99 2.24 0.00	63.69 1.73 0.00	58.60 1.54 0.00	59.21 1.72 0.00	58.19 1.69 0.00	60.46 2.21 0.00	66.20 3.27 0.00	76.74 4.00 0.00	67.78 3.53 0.00	61.30 3.31 0.00	59.94 3.45 0.00	56.27 3.18 0.00	53.29 3.06 0.00	54.31 3.41 0.00	57.88 3.58 0.00	63.48 3.93 0.00	70.79 4.20 0.00	76.57 4.61 0.00	73.11 4.20 0.00	66.38 3.70 0.00	63.72 3.49 0.00	59.45 3.37 0.00	52.88 2.66 0.00	47.37 2.08 0.00
CE_NYC2_DRP 24202	68.78 3.02 0.00	64.19 2.23 0.00	59.28 2.23 0.00	59.90 2.41 0.00	58.86 2.37 0.00	61.21 2.97 0.00	67.21 4.28 0.00	77.98 5.24 0.00	68.94 4.69 0.00	62.40 4.41 0.00	61.07 4.58 0.00	57.28 4.19 0.00	54.24 4.02 0.00	55.33 4.43 0.00	58.92 4.62 0.00	64.61 5.06 0.00	71.99 5.39 0.00	77.87 5.90 0.00	74.29 5.38 0.00	67.38 4.70 0.00	64.68 4.46 0.00	60.29 4.21 0.00	53.53 3.31 0.00	47.92 2.63 0.00
CE_NYC_DRP 24195	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.90 3.96 0.00	77.69 4.95 0.00	68.68 4.43 0.00	62.17 4.18 0.00	60.85 4.35 0.00	57.06 3.98 0.00	54.04 3.82 0.00	55.13 4.23 0.00	58.70 4.40 0.00	64.38 4.82 0.00	71.66 5.06 0.00	77.51 5.54 0.00	73.94 5.03 0.00	67.13 4.45 0.00	64.38 4.16 0.00	60.07 3.98 0.00	53.38 3.16 0.00	47.74 2.45 0.00
CHAFFEE___LFGE 323603	62.86 -2.89 0.00	58.99 -2.97 0.00	54.15 -2.91 0.00	54.27 -3.22 0.00	53.21 -3.28 0.00	53.12 -5.13 0.00	57.27 -5.66 0.00	64.59 -8.15 0.00	57.31 -6.94 0.00	53.35 -4.64 0.00	51.75 -4.75 0.00	49.21 -3.87 0.00	46.45 -3.77 0.00	46.47 -4.43 0.00	50.07 -4.24 0.00	54.43 -5.12 0.00	61.60 -5.00 0.00	67.44 -4.53 0.00	64.22 -4.69 0.00	58.79 -3.89 0.00	56.25 -3.98 0.00	52.11 -3.98 0.00	46.76 -3.46 0.00	43.21 -2.08 0.00
CHATEAUG_35_KV_LOAD 355732	66.48 0.72 0.00	63.14 1.18 0.00	58.26 1.20 0.00	58.75 1.26 0.00	57.73 1.24 0.00	59.35 1.11 0.00	64.19 1.26 0.00	74.19 1.45 0.00	65.66 1.41 0.00	59.15 1.16 0.00	57.40 0.90 0.00	53.61 0.53 0.00	50.67 0.45 0.00	50.95 0.05 0.00	54.03 -0.27 0.00	59.08 -0.48 0.00	65.93 -0.67 0.00	71.10 -0.86 0.00	68.08 -0.83 0.00	61.93 -0.75 0.00	59.44 -0.78 0.00	55.25 -0.84 0.00	49.67 -0.55 0.00	44.70 -0.59 0.00
CHATEAUG_WT_PWR 323614	66.22 0.46 0.00	62.89 0.93 0.00	58.03 0.97 0.00	58.52 1.04 0.00	57.45 0.96 0.00	59.12 0.87 0.00	63.88 0.95 0.00	73.97 1.24 0.00	65.40 1.16 0.00	58.92 0.92 0.00	57.23 0.73 0.00	53.61 0.53 0.00	50.47 0.25 0.00	50.80 -0.10 0.00	53.86 -0.44 0.00	58.90 -0.65 0.00	65.73 -0.87 0.00	70.96 -1.01 0.00	67.88 -1.03 0.00	61.67 -1.01 0.00	59.26 -0.97 0.00	55.08 -1.01 0.00	49.52 -0.70 0.00	44.56 -0.73 0.00
CHAT_HIGH_FALL_HYD 323578	66.48 0.72 0.00	63.14 1.18 0.00	58.26 1.20 0.00	58.75 1.26 0.00	57.73 1.24 0.00	59.35 1.11 0.00	64.19 1.26 0.00	74.19 1.45 0.00	65.66 1.41 0.00	59.15 1.16 0.00	57.40 0.90 0.00	53.61 0.53 0.00	50.67 0.45 0.00	50.95 0.05 0.00	54.03 -0.27 0.00	59.08 -0.48 0.00	65.93 -0.67 0.00	71.10 -0.86 0.00	68.08 -0.83 0.00	61.93 -0.75 0.00	59.44 -0.78 0.00	55.25 -0.84 0.00	49.67 -0.55 0.00	44.70 -0.59 0.00
CHAUTAUQUA___LFGE 323629	63.26 -2.50 0.00	59.17 -2.79 0.00	54.32 -2.74 0.00	54.38 -3.11 0.00	53.27 -3.22 0.00	53.47 -4.77 0.00	57.89 -5.04 0.00	65.54 -7.20 0.00	58.08 -6.17 0.00	53.76 -4.23 0.00	52.15 -4.35 0.00	49.53 -3.56 0.00	46.71 -3.52 0.00	46.83 -4.07 0.00	50.39 -3.91 0.00	54.79 -4.77 0.00	62.13 -4.46 0.00	68.15 -3.82 0.00	64.29 -4.62 0.00	58.85 -3.83 0.00	56.37 -3.86 0.00	52.16 -3.93 0.00	46.76 -3.46 0.00	43.12 -2.17 0.00
CHERRYST_13_KV_LD 356241	68.65 2.89 0.00	64.19 2.23 0.00	59.06 2.00 0.00	59.67 2.18 0.00	58.64 2.15 0.00	61.04 2.80 0.00	67.08 4.15 0.00	77.90 5.16 0.00	68.87 4.63 0.00	62.40 4.41 0.00	61.02 4.52 0.00	57.22 4.14 0.00	54.19 3.97 0.00	55.33 4.43 0.00	58.92 4.62 0.00	64.56 5.00 0.00	71.92 5.33 0.00	77.80 5.83 0.00	74.22 5.31 0.00	67.32 4.64 0.00	64.56 4.34 0.00	60.24 4.15 0.00	53.53 3.31 0.00	47.87 2.58 0.00



CHESTROR_138KV_BK263 355645	67.53 1.78 0.00	63.38 1.43 0.00	58.31 1.26 0.00	58.87 1.38 0.00	57.85 1.36 0.00	60.05 1.81 0.00	65.64 2.71 0.00	76.01 3.27 0.00	67.07 2.83 0.00	60.54 2.55 0.00	59.21 2.71 0.00	55.52 2.44 0.00	52.58 2.36 0.00	53.60 2.70 0.00	57.12 2.82 0.00	62.71 3.16 0.00	69.99 3.40 0.00	75.71 3.74 0.00	72.36 3.45 0.00	65.69 3.01 0.00	63.05 2.83 0.00	58.84 2.75 0.00	52.38 2.16 0.00	46.97 1.68 0.00
CH_MIDHUDSON___DRP 24192	68.19 2.43 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.50 2.01 0.00	58.41 1.92 0.00	60.63 2.39 0.00	66.27 3.34 0.00	76.74 4.00 0.00	67.71 3.47 0.00	61.12 3.13 0.00	59.72 3.22 0.00	56.00 2.92 0.00	53.03 2.81 0.00	54.06 3.16 0.00	57.61 3.31 0.00	63.30 3.75 0.00	70.66 4.06 0.00	76.43 4.46 0.00	73.05 4.13 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.40 3.31 0.00	52.83 2.61 0.00	47.33 2.04 0.00
CH_MISC_IPPS 23765	68.51 2.76 0.00	64.19 2.23 0.00	59.05 2.00 0.00	59.67 2.18 0.00	58.58 2.09 0.00	60.92 2.68 0.00	66.26 3.33 0.00	76.74 4.00 0.00	67.91 3.66 0.00	61.18 3.19 0.00	59.83 3.33 0.00	56.11 3.02 0.00	53.18 2.96 0.00	54.21 3.31 0.00	57.72 3.42 0.00	63.42 3.87 0.00	70.92 4.33 0.00	76.58 4.61 0.00	73.18 4.27 0.00	66.44 3.76 0.00	63.96 3.74 0.00	59.73 3.64 0.00	53.13 2.91 0.00	47.55 2.26 0.00
CH_RES_BVR_FALLS 23983	65.75 0.00 0.00	61.96 0.00 0.00	57.12 0.06 0.00	57.49 0.00 0.00	56.49 0.00 0.00	58.24 0.00 0.00	62.93 0.00 0.00	72.74 0.00 0.00	64.25 0.00 0.00	57.99 0.00 0.00	56.44 -0.06 0.00	53.03 -0.05 0.00	50.17 -0.05 0.00	50.80 -0.10 0.00	54.19 -0.11 0.00	59.43 -0.12 0.00	66.46 -0.13 0.00	71.75 -0.22 0.00	68.70 -0.21 0.00	62.49 -0.19 0.00	60.04 -0.18 0.00	55.92 -0.17 0.00	50.12 -0.10 0.00	45.20 -0.09 0.00
CH_RES_NIAGARA 23895	60.63 -5.13 0.00	56.07 -5.89 0.00	52.55 -4.51 0.00	51.97 -5.52 0.00	51.69 -4.80 0.00	50.73 -7.51 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.52 -10.73 0.00	50.22 -7.77 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.68 -8.87 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.09 -8.82 0.00	55.16 -7.52 0.00	53.66 -6.56 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
CH_RES_SYRACUSE 23985	64.90 -0.86 0.00	61.09 -0.87 0.00	56.26 -0.80 0.00	56.57 -0.92 0.00	55.70 -0.79 0.00	57.25 -0.99 0.00	61.92 -1.01 0.00	71.57 -1.17 0.00	63.21 -1.03 0.00	57.12 -0.87 0.00	55.54 -0.96 0.00	52.23 -0.85 0.00	49.47 -0.75 0.00	50.04 -0.87 0.00	53.59 -0.71 0.00	58.84 -0.71 0.00	65.86 -0.73 0.00	71.39 -0.58 0.00	68.43 -0.48 0.00	62.24 -0.44 0.00	59.68 -0.54 0.00	55.53 -0.56 0.00	49.67 -0.55 0.00	44.84 -0.45 0.00
CLINTON_WT_PWR 323605	66.22 0.46 0.00	62.89 0.93 0.00	58.03 0.97 0.00	58.52 1.04 0.00	57.45 0.96 0.00	59.12 0.87 0.00	63.88 0.95 0.00	73.97 1.24 0.00	65.40 1.16 0.00	58.92 0.92 0.00	57.23 0.73 0.00	53.61 0.53 0.00	50.47 0.25 0.00	50.80 -0.10 0.00	53.86 -0.44 0.00	58.90 -0.65 0.00	65.73 -0.87 0.00	70.96 -1.01 0.00	67.88 -1.03 0.00	61.67 -1.01 0.00	59.26 -0.97 0.00	55.08 -1.01 0.00	49.52 -0.70 0.00	44.56 -0.73 0.00
CLINTON___LFGE 323618	67.86 2.10 0.00	64.50 2.54 0.00	59.51 2.45 0.00	60.02 2.53 0.00	58.97 2.48 0.00	60.63 2.39 0.00	65.70 2.77 0.00	76.02 3.28 0.00	67.27 3.02 0.00	60.54 2.55 0.00	58.64 2.15 0.00	54.99 1.91 0.00	51.83 1.61 0.00	52.18 1.27 0.00	55.28 0.98 0.00	60.45 0.89 0.00	67.66 1.06 0.00	73.12 1.15 0.00	69.87 0.96 0.00	63.49 0.81 0.00	61.00 0.78 0.00	56.59 0.50 0.00	50.87 0.65 0.00	45.84 0.55 0.00
COBBLENY_34_KV_TB1 80064	62.73 -3.02 0.00	58.74 -3.22 0.00	54.21 -2.85 0.00	54.21 -3.28 0.00	53.16 -3.33 0.00	53.06 -5.18 0.00	55.51 -7.43 0.00	63.65 -9.09 0.00	56.54 -7.71 0.00	52.71 -5.28 0.00	51.36 -5.14 0.00	49.21 -3.88 0.00	46.10 -4.12 0.00	46.22 -4.68 0.00	49.41 -4.89 0.00	53.30 -6.25 0.00	61.13 -5.46 0.00	66.64 -5.33 0.00	63.19 -5.72 0.00	57.91 -4.76 0.00	56.19 -4.03 0.00	52.10 -3.98 0.00	46.75 -3.47 0.00	43.21 -2.08 0.00
COFFEEN___115KV_TB3 355620	68.45 2.70 0.00	64.62 2.66 0.00	59.57 2.51 0.00	59.44 1.95 0.00	58.64 2.15 0.00	60.57 2.33 0.00	65.83 2.89 0.00	76.45 3.71 0.00	67.26 3.02 0.00	59.96 1.97 0.00	58.19 1.69 0.00	54.57 1.49 0.00	51.68 1.46 0.00	52.38 1.48 0.00	56.09 1.79 0.00	61.88 2.32 0.00	69.19 2.60 0.00	74.77 2.81 0.00	72.01 3.10 0.00	65.56 2.88 0.00	62.93 2.71 0.00	58.50 2.41 0.00	52.28 2.06 0.00	46.97 1.68 0.00
COLDSPRG_115KV_BK1 355956	64.90 -0.85 0.00	60.53 -1.43 0.00	55.75 -1.31 0.00	55.71 -1.78 0.00	54.63 -1.86 0.00	55.04 -3.20 0.00	58.46 -4.47 0.00	67.14 -5.60 0.00	59.43 -4.82 0.00	54.92 -3.07 0.00	53.39 -3.11 0.00	50.91 -2.18 0.00	47.81 -2.41 0.00	48.00 -2.90 0.00	51.37 -2.93 0.00	55.62 -3.93 0.00	63.46 -3.13 0.00	69.45 -2.52 0.00	65.53 -3.38 0.00	60.05 -2.63 0.00	58.05 -2.17 0.00	53.68 -2.41 0.00	48.06 -2.16 0.00	44.25 -1.04 0.00
COLONIE_LFGE___ 323577	67.99 2.24 0.00	63.88 1.92 0.00	58.88 1.83 0.00	59.44 1.96 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.26 2.33 0.00	75.28 2.54 0.00	66.62 2.38 0.00	59.90 1.91 0.00	58.42 1.92 0.00	54.78 1.70 0.00	51.78 1.56 0.00	52.58 1.68 0.00	56.15 1.85 0.00	61.69 2.14 0.00	69.06 2.47 0.00	74.49 2.52 0.00	71.46 2.55 0.00	65.06 2.38 0.00	62.51 2.29 0.00	58.22 2.13 0.00	52.18 1.96 0.00	47.19 1.90 0.00
COOPERNY_115KV_TB1 80082	67.00 1.25 0.00	62.95 0.99 0.00	57.91 0.86 0.00	58.47 0.98 0.00	57.45 0.96 0.00	59.47 1.22 0.00	64.82 1.89 0.00	75.07 2.33 0.00	66.24 1.99 0.00	59.79 1.80 0.00	58.42 1.92 0.00	54.83 1.75 0.00	51.93 1.71 0.00	52.79 1.88 0.00	56.31 2.01 0.00	61.82 2.26 0.00	68.99 2.40 0.00	74.63 2.66 0.00	71.39 2.48 0.00	64.87 2.19 0.00	62.27 2.05 0.00	58.05 1.96 0.00	51.78 1.56 0.00	46.51 1.22 0.00
COPENHAGEN_WT_PWR 323753	67.72 1.97 0.00	63.94 1.98 0.00	58.94 1.88 0.00	59.04 1.55 0.00	58.07 1.58 0.00	59.93 1.69 0.00	65.19 2.26 0.00	75.57 2.83 0.00	66.55 2.31 0.00	59.44 1.45 0.00	57.69 1.19 0.00	54.14 1.06 0.00	51.28 1.06 0.00	51.92 1.02 0.00	55.60 1.30 0.00	61.34 1.78 0.00	68.46 1.86 0.00	74.06 2.09 0.00	71.25 2.34 0.00	64.81 2.13 0.00	62.15 1.93 0.00	57.83 1.74 0.00	51.73 1.51 0.00	46.51 1.22 0.00
CORNELL_____ 23752	66.61 0.85 0.00	62.64 0.68 0.00	57.69 0.63 0.00	57.95 0.46 0.00	57.00 0.51 0.00	58.54 0.29 0.00	63.18 0.25 0.00	73.18 0.44 0.00	64.57 0.32 0.00	58.22 0.23 0.00	56.50 0.00 0.00	53.24 0.16 0.00	50.32 0.10 0.00	50.90 0.00 0.00	54.57 0.27 0.00	59.97 0.42 0.00	67.33 0.73 0.00	73.19 1.22 0.00	70.01 1.10 0.00	63.74 1.07 0.00	61.19 0.96 0.00	56.87 0.79 0.00	50.72 0.50 0.00	45.79 0.50 0.00



CORONA V_69_KV_TB1 355595	69.24 3.48 0.00	64.81 2.85 0.00	59.40 2.34 0.00	60.02 2.53 0.00	59.26 2.77 0.00	61.68 3.44 0.00	68.03 5.10 0.00	78.12 5.38 0.00	69.26 5.01 0.00	62.11 4.12 0.00	61.02 4.52 0.00	57.44 4.35 0.00	54.44 4.22 0.00	55.79 4.89 0.00	59.43 5.10 -0.02	67.27 5.42 -2.30	81.84 5.86 -9.38	87.71 6.41 -9.34	87.72 5.93 -12.88	81.69 5.26 -13.75	71.53 5.00 -6.31	64.14 4.77 -3.29	54.39 4.17 0.00	48.69 3.40 0.00
CORTLAND_115KV_TB3 80093	66.02 0.26 0.00	62.14 0.19 0.00	57.23 0.17 0.00	57.55 0.06 0.00	56.60 0.11 0.00	58.19 -0.06 0.00	62.81 -0.13 0.00	72.74 0.00 0.00	64.18 -0.06 0.00	57.93 -0.06 0.00	56.33 -0.17 0.00	53.03 -0.05 0.00	50.12 -0.10 0.00	50.75 -0.15 0.00	54.30 0.00 0.00	59.61 0.06 0.00	66.93 0.33 0.00	72.54 0.58 0.00	69.46 0.55 0.00	63.18 0.50 0.00	60.70 0.48 0.00	56.42 0.34 0.00	50.37 0.15 0.00	45.47 0.18 0.00
COXSACKIE__GT 23611	70.55 4.80 0.00	66.48 4.52 0.00	61.05 3.99 0.00	61.63 4.14 0.00	60.61 4.12 0.00	62.96 4.72 0.00	67.84 4.91 0.00	77.90 5.17 0.00	68.48 4.24 0.00	60.89 2.90 0.00	59.04 2.54 0.00	55.26 2.18 0.00	52.38 2.16 0.00	53.20 2.29 0.00	57.01 2.71 0.00	63.37 3.81 0.00	71.25 4.66 0.00	77.00 5.04 0.00	73.88 4.96 0.00	67.06 4.39 0.00	64.56 4.34 0.00	60.07 3.98 0.00	53.73 3.51 0.00	48.55 3.26 0.00
CPV_VALLEY__CC1 323721	67.00 1.25 0.00	62.89 0.93 0.00	57.86 0.80 0.00	58.41 0.92 0.00	57.34 0.85 0.00	59.52 1.28 0.00	64.76 1.83 0.00	75.00 2.26 0.00	66.36 2.12 0.00	59.96 1.97 0.00	58.64 2.15 0.00	55.05 1.97 0.00	52.13 1.91 0.00	53.09 2.19 0.00	56.53 2.23 0.00	62.00 2.44 0.00	69.26 2.67 0.00	74.77 2.80 0.00	71.53 2.62 0.00	64.93 2.25 0.00	62.51 2.29 0.00	58.33 2.25 0.00	52.03 1.81 0.00	46.65 1.36 0.00
CPV_VALLEY__CC2 323722	67.00 1.25 0.00	62.89 0.93 0.00	57.86 0.80 0.00	58.41 0.92 0.00	57.34 0.85 0.00	59.52 1.28 0.00	64.76 1.83 0.00	75.00 2.26 0.00	66.36 2.12 0.00	59.96 1.97 0.00	58.64 2.15 0.00	55.05 1.97 0.00	52.13 1.91 0.00	53.09 2.19 0.00	56.53 2.23 0.00	62.00 2.44 0.00	69.26 2.67 0.00	74.77 2.80 0.00	71.53 2.62 0.00	64.93 2.25 0.00	62.51 2.29 0.00	58.33 2.25 0.00	52.03 1.81 0.00	46.65 1.36 0.00
CRESCENT__HYD 24018	67.99 2.24 0.00	63.88 1.92 0.00	58.88 1.83 0.00	59.44 1.96 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.26 2.33 0.00	75.28 2.54 0.00	66.62 2.38 0.00	59.90 1.91 0.00	58.42 1.92 0.00	54.78 1.70 0.00	51.78 1.56 0.00	52.58 1.68 0.00	56.15 1.85 0.00	61.69 2.14 0.00	69.06 2.47 0.00	74.49 2.52 0.00	71.46 2.55 0.00	65.06 2.38 0.00	62.51 2.29 0.00	58.22 2.13 0.00	52.18 1.96 0.00	47.19 1.90 0.00
CRICKET__VALLEY_CC1 323756	67.40 1.64 0.00	63.13 1.17 0.00	58.20 1.14 0.00	58.87 1.38 0.00	57.62 1.13 0.00	59.76 1.51 0.00	65.00 2.07 0.00	75.28 2.54 0.00	66.69 2.44 0.00	60.25 2.26 0.00	58.98 2.48 0.00	55.31 2.23 0.00	52.43 2.21 0.00	53.45 2.54 0.00	56.85 2.55 0.00	62.29 2.74 0.00	69.59 3.00 0.00	75.06 3.09 0.00	71.74 2.83 0.00	65.19 2.51 0.00	62.75 2.53 0.00	58.61 2.53 0.00	52.23 2.01 0.00	46.74 1.45 0.00
CRICKET__VALLEY_CC2 323757	67.40 1.64 0.00	63.13 1.17 0.00	58.20 1.14 0.00	58.87 1.38 0.00	57.62 1.13 0.00	59.76 1.51 0.00	65.00 2.07 0.00	75.28 2.54 0.00	66.69 2.44 0.00	60.25 2.26 0.00	58.98 2.48 0.00	55.31 2.23 0.00	52.43 2.21 0.00	53.45 2.54 0.00	56.85 2.55 0.00	62.29 2.74 0.00	69.59 3.00 0.00	75.06 3.09 0.00	71.74 2.83 0.00	65.19 2.51 0.00	62.75 2.53 0.00	58.61 2.53 0.00	52.23 2.01 0.00	46.74 1.45 0.00
CRICKET__VALLEY_CC3 323758	67.40 1.64 0.00	63.13 1.17 0.00	58.20 1.14 0.00	58.87 1.38 0.00	57.62 1.13 0.00	59.76 1.51 0.00	65.00 2.07 0.00	75.28 2.54 0.00	66.69 2.44 0.00	60.25 2.26 0.00	58.98 2.48 0.00	55.31 2.23 0.00	52.43 2.21 0.00	53.45 2.54 0.00	56.85 2.55 0.00	62.29 2.74 0.00	69.59 3.00 0.00	75.06 3.09 0.00	71.74 2.83 0.00	65.19 2.51 0.00	62.75 2.53 0.00	58.61 2.53 0.00	52.23 2.01 0.00	46.74 1.45 0.00
CRUCIBLE_METL_DRP 24180	64.90 -0.85 0.00	61.09 -0.87 0.00	56.26 -0.80 0.00	56.57 -0.92 0.00	55.64 -0.85 0.00	57.25 -0.99 0.00	61.74 -1.20 0.00	71.50 -1.24 0.00	63.15 -1.09 0.00	57.06 -0.93 0.00	55.48 -1.02 0.00	52.29 -0.80 0.00	49.42 -0.80 0.00	50.04 -0.87 0.00	53.54 -0.76 0.00	58.72 -0.83 0.00	65.80 -0.80 0.00	71.32 -0.65 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.53 -0.56 0.00	49.67 -0.55 0.00	44.84 -0.45 0.00
DAHOWA__HYDRO 323763	68.91 3.16 0.00	64.75 2.79 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.20 2.71 0.00	61.33 3.08 0.00	66.33 3.40 0.00	76.59 3.85 0.00	67.71 3.47 0.00	60.48 2.49 0.00	58.87 2.37 0.00	55.10 2.02 0.00	52.03 1.81 0.00	52.84 1.93 0.00	56.53 2.23 0.00	62.29 2.74 0.00	69.92 3.33 0.00	75.49 3.53 0.00	72.49 3.58 0.00	66.06 3.38 0.00	63.41 3.19 0.00	59.06 2.97 0.00	52.83 2.61 0.00	48.19 2.90 0.00
DANC__LFGE 323619	66.34 0.59 0.00	62.58 0.62 0.00	57.69 0.63 0.00	57.84 0.35 0.00	56.94 0.45 0.00	58.65 0.41 0.00	63.69 0.76 0.00	73.68 0.94 0.00	64.95 0.71 0.00	58.22 0.23 0.00	56.55 0.06 0.00	53.19 0.11 0.00	50.32 0.10 0.00	51.01 0.10 0.00	54.63 0.33 0.00	60.15 0.60 0.00	67.12 0.53 0.00	72.61 0.65 0.00	69.67 0.76 0.00	63.43 0.75 0.00	60.82 0.60 0.00	56.65 0.56 0.00	50.72 0.50 0.00	45.65 0.36 0.00
DANSKAMMER__1 23586	68.51 2.76 0.00	64.19 2.23 0.00	59.05 2.00 0.00	59.67 2.18 0.00	58.58 2.09 0.00	60.92 2.68 0.00	66.26 3.33 0.00	76.74 4.00 0.00	67.91 3.66 0.00	61.18 3.19 0.00	59.83 3.33 0.00	56.11 3.02 0.00	53.18 2.96 0.00	54.21 3.31 0.00	57.72 3.42 0.00	63.42 3.87 0.00	70.92 4.33 0.00	76.58 4.61 0.00	73.18 4.27 0.00	66.44 3.76 0.00	63.96 3.74 0.00	59.73 3.64 0.00	53.13 2.91 0.00	47.55 2.26 0.00
DANSKAMMER__2 23589	68.51 2.76 0.00	64.19 2.23 0.00	59.05 2.00 0.00	59.67 2.18 0.00	58.58 2.09 0.00	60.92 2.68 0.00	66.26 3.33 0.00	76.74 4.00 0.00	67.91 3.66 0.00	61.18 3.19 0.00	59.83 3.33 0.00	56.11 3.02 0.00	53.18 2.96 0.00	54.21 3.31 0.00	57.72 3.42 0.00	63.42 3.87 0.00	70.92 4.33 0.00	76.58 4.61 0.00	73.18 4.27 0.00	66.44 3.76 0.00	63.96 3.74 0.00	59.73 3.64 0.00	53.13 2.91 0.00	47.55 2.26 0.00
DANSKAMMER__3 23590	68.51 2.76 0.00	64.19 2.23 0.00	59.05 2.00 0.00	59.67 2.18 0.00	58.58 2.09 0.00	60.92 2.68 0.00	66.26 3.33 0.00	76.74 4.00 0.00	67.91 3.66 0.00	61.18 3.19 0.00	59.83 3.33 0.00	56.11 3.02 0.00	53.18 2.96 0.00	54.21 3.31 0.00	57.72 3.42 0.00	63.42 3.87 0.00	70.92 4.33 0.00	76.58 4.61 0.00	73.18 4.27 0.00	66.44 3.76 0.00	63.96 3.74 0.00	59.73 3.64 0.00	53.13 2.91 0.00	47.55 2.26 0.00



DANSKAMMER___4 23591	68.51 2.76 0.00	64.19 2.23 0.00	59.05 2.00 0.00	59.67 2.18 0.00	58.58 2.09 0.00	60.92 2.68 0.00	66.26 3.33 0.00	76.74 4.00 0.00	67.91 3.66 0.00	61.18 3.19 0.00	59.83 3.33 0.00	56.11 3.02 0.00	53.18 2.96 0.00	54.21 3.31 0.00	57.72 3.42 0.00	63.42 3.87 0.00	70.92 4.33 0.00	76.58 4.61 0.00	73.18 4.27 0.00	66.44 3.76 0.00	63.96 3.74 0.00	59.73 3.64 0.00	53.13 2.91 0.00	47.55 2.26 0.00
DANSKAMMER___DIESEL 23592	68.52 2.76 0.00	64.25 2.29 0.00	59.11 2.05 0.00	59.73 2.24 0.00	58.69 2.20 0.00	60.92 2.68 0.00	66.64 3.71 0.00	77.18 4.44 0.00	68.10 3.85 0.00	61.35 3.36 0.00	59.94 3.45 0.00	56.16 3.08 0.00	53.24 3.01 0.00	54.26 3.36 0.00	57.88 3.58 0.00	63.66 4.11 0.00	71.06 4.46 0.00	76.86 4.89 0.00	73.46 4.55 0.00	66.69 4.01 0.00	64.02 3.79 0.00	59.73 3.65 0.00	53.08 2.86 0.00	47.56 2.26 0.00
DARBY___SOLAR 323810	68.64 2.89 0.00	64.56 2.60 0.00	59.40 2.34 0.00	59.96 2.47 0.00	58.97 2.48 0.00	61.10 2.85 0.00	66.08 3.15 0.00	76.30 3.56 0.00	67.39 3.15 0.00	60.25 2.26 0.00	58.70 2.20 0.00	54.94 1.86 0.00	51.88 1.65 0.00	52.68 1.78 0.00	56.42 2.12 0.00	62.17 2.62 0.00	69.73 3.13 0.00	75.21 3.24 0.00	72.22 3.31 0.00	65.81 3.13 0.00	63.17 2.95 0.00	58.83 2.75 0.00	52.63 2.41 0.00	47.92 2.63 0.00
DASHVILLE___HYD 23610	67.99 2.24 0.00	63.82 1.86 0.00	58.71 1.65 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.52 2.27 0.00	66.20 3.27 0.00	76.59 3.86 0.00	67.52 3.28 0.00	60.77 2.78 0.00	59.32 2.82 0.00	55.63 2.55 0.00	52.73 2.51 0.00	53.75 2.85 0.00	57.29 2.99 0.00	63.07 3.51 0.00	70.39 3.80 0.00	76.21 4.25 0.00	72.77 3.86 0.00	66.06 3.38 0.00	63.41 3.19 0.00	59.17 3.08 0.00	52.58 2.36 0.00	47.10 1.81 0.00
DELAWARE___LFGE 323621	67.13 1.38 0.00	63.32 1.36 0.00	58.31 1.26 0.00	58.70 1.21 0.00	57.73 1.24 0.00	59.64 1.40 0.00	64.57 1.64 0.00	74.70 1.96 0.00	65.92 1.67 0.00	59.32 1.33 0.00	57.80 1.30 0.00	54.30 1.22 0.00	51.38 1.16 0.00	52.13 1.22 0.00	55.71 1.41 0.00	61.22 1.67 0.00	68.59 2.00 0.00	74.20 2.23 0.00	71.12 2.21 0.00	64.62 1.94 0.00	62.09 1.87 0.00	57.77 1.68 0.00	51.53 1.31 0.00	46.38 1.09 0.00
DERFIELD_115KV_TB7 355931	65.95 0.20 0.00	62.08 0.12 0.00	57.17 0.11 0.00	57.60 0.11 0.00	56.60 0.11 0.00	58.42 0.17 0.00	63.12 0.19 0.00	72.96 0.22 0.00	64.37 0.13 0.00	58.11 0.12 0.00	56.61 0.11 0.00	53.19 0.11 0.00	50.32 0.10 0.00	51.01 0.10 0.00	54.46 0.16 0.00	59.73 0.18 0.00	66.73 0.13 0.00	72.11 0.14 0.00	69.12 0.21 0.00	62.87 0.19 0.00	60.34 0.12 0.00	56.26 0.17 0.00	50.37 0.15 0.00	45.38 0.09 0.00
DOGLEVILLE___HYD 23807	69.90 4.14 0.00	66.05 4.09 0.00	60.94 3.88 0.00	61.40 3.91 0.00	60.39 3.90 0.00	62.15 3.90 0.00	66.90 3.96 0.00	76.96 4.22 0.00	67.65 3.41 0.00	60.95 2.96 0.00	59.38 2.88 0.00	55.84 2.76 0.00	52.83 2.61 0.00	53.55 2.65 0.00	57.07 2.77 0.00	62.47 2.92 0.00	69.72 3.13 0.00	75.28 3.31 0.00	72.01 3.10 0.00	65.44 2.76 0.00	62.87 2.65 0.00	58.72 2.64 0.00	52.58 2.36 0.00	47.42 2.13 0.00
DUNKIRK__115KV_TB_200 55889	63.19 -2.56 0.00	58.92 -3.04 0.00	54.38 -2.68 0.00	54.33 -3.16 0.00	53.33 -3.16 0.00	53.53 -4.72 0.00	56.45 -6.48 0.00	64.88 -7.86 0.00	57.44 -6.81 0.00	53.29 -4.70 0.00	51.86 -4.63 0.00	49.58 -3.50 0.00	46.51 -3.72 0.00	46.63 -4.28 0.00	49.90 -4.40 0.00	53.95 -5.60 0.00	61.80 -4.79 0.00	67.58 -4.39 0.00	63.40 -5.51 0.00	58.10 -4.58 0.00	56.31 -3.91 0.00	52.16 -3.93 0.00	46.75 -3.47 0.00	43.16 -2.13 0.00
DUNKIRK___1 23563	63.19 -2.56 0.00	58.92 -3.04 0.00	54.38 -2.68 0.00	54.33 -3.16 0.00	53.33 -3.16 0.00	53.53 -4.72 0.00	56.45 -6.48 0.00	64.88 -7.86 0.00	57.44 -6.81 0.00	53.29 -4.70 0.00	51.86 -4.63 0.00	49.58 -3.50 0.00	46.51 -3.72 0.00	46.63 -4.28 0.00	49.90 -4.40 0.00	53.95 -5.60 0.00	61.80 -4.79 0.00	67.58 -4.39 0.00	63.40 -5.51 0.00	58.10 -4.58 0.00	56.31 -3.91 0.00	52.16 -3.93 0.00	46.75 -3.47 0.00	43.16 -2.13 0.00
DUNKIRK___2 23564	63.19 -2.56 0.00	58.92 -3.04 0.00	54.38 -2.68 0.00	54.33 -3.16 0.00	53.33 -3.16 0.00	53.53 -4.72 0.00	56.45 -6.48 0.00	64.88 -7.86 0.00	57.44 -6.81 0.00	53.29 -4.70 0.00	51.86 -4.63 0.00	49.58 -3.50 0.00	46.51 -3.72 0.00	46.63 -4.28 0.00	49.90 -4.40 0.00	53.95 -5.60 0.00	61.80 -4.79 0.00	67.58 -4.39 0.00	63.40 -5.51 0.00	58.10 -4.58 0.00	56.31 -3.91 0.00	52.16 -3.93 0.00	46.75 -3.47 0.00	43.16 -2.13 0.00
DUNKIRK___3 23565	62.93 -2.83 0.00	58.80 -3.16 0.00	54.26 -2.80 0.00	54.27 -3.22 0.00	53.21 -3.28 0.00	53.41 -4.83 0.00	56.26 -6.67 0.00	64.59 -8.15 0.00	57.24 -7.00 0.00	53.12 -4.87 0.00	51.75 -4.75 0.00	49.47 -3.61 0.00	46.41 -3.82 0.00	46.53 -4.38 0.00	49.79 -4.51 0.00	53.84 -5.72 0.00	61.60 -4.99 0.00	67.36 -4.61 0.00	63.33 -5.58 0.00	57.98 -4.70 0.00	56.25 -3.97 0.00	52.10 -3.98 0.00	46.70 -3.52 0.00	43.12 -2.17 0.00
DUNKIRK___4 23566	62.93 -2.83 0.00	58.80 -3.16 0.00	54.26 -2.80 0.00	54.27 -3.22 0.00	53.21 -3.28 0.00	53.41 -4.83 0.00	56.26 -6.67 0.00	64.59 -8.15 0.00	57.24 -7.00 0.00	53.12 -4.87 0.00	51.75 -4.75 0.00	49.47 -3.61 0.00	46.41 -3.82 0.00	46.53 -4.38 0.00	49.79 -4.51 0.00	53.84 -5.72 0.00	61.60 -4.99 0.00	67.36 -4.61 0.00	63.33 -5.58 0.00	57.98 -4.70 0.00	56.25 -3.97 0.00	52.10 -3.98 0.00	46.70 -3.52 0.00	43.12 -2.17 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	68.32 2.56 0.00	64.00 2.04 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.75 2.50 0.00	66.64 3.71 0.00	77.18 4.44 0.00	68.23 3.98 0.00	61.76 3.77 0.00	60.40 3.90 0.00	56.69 3.61 0.00	53.69 3.47 0.00	54.77 3.87 0.00	58.32 4.02 0.00	63.96 4.41 0.00	71.32 4.73 0.00	77.15 5.18 0.00	73.67 4.75 0.00	66.81 4.14 0.00	64.14 3.91 0.00	59.84 3.76 0.00	53.23 3.01 0.00	47.65 2.36 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	67.99 2.24 0.00	63.76 1.80 0.00	58.66 1.60 0.00	59.27 1.78 0.00	58.24 1.75 0.00	60.46 2.21 0.00	66.14 3.21 0.00	76.59 3.86 0.00	67.59 3.34 0.00	60.95 2.96 0.00	59.55 3.05 0.00	55.84 2.76 0.00	52.93 2.71 0.00	53.96 3.05 0.00	57.50 3.20 0.00	63.19 3.63 0.00	70.52 3.93 0.00	76.29 4.32 0.00	72.91 4.00 0.00	66.19 3.51 0.00	63.53 3.31 0.00	59.28 3.20 0.00	52.73 2.51 0.00	47.24 1.95 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	68.71 2.96 0.00	63.88 1.92 0.00	59.04 2.00 0.02	59.60 2.13 0.02	58.56 2.09 0.02	60.91 2.68 0.02	66.88 3.96 0.02	77.60 4.87 0.02	68.60 4.37 0.02	62.09 4.12 0.02	60.78 4.29 0.02	56.99 3.93 0.02	53.97 3.77 0.02	55.06 4.17 0.02	58.68 4.40 0.02	64.30 4.76 0.02	71.64 5.06 0.02	77.49 5.54 0.02	73.93 5.03 0.02	67.11 4.45 0.02	64.36 4.16 0.02	60.07 3.98 0.00	53.33 3.11 0.00	47.78 2.49 0.00



E179THST_13_KV_LOAD 356214	68.98 3.22 0.00	64.13 2.17 0.00	59.27 2.23 0.02	59.77 2.30 0.02	58.79 2.32 0.02	61.14 2.91 0.02	67.19 4.28 0.02	77.96 5.24 0.02	68.92 4.69 0.02	62.38 4.41 0.02	61.06 4.58 0.02	57.26 4.19 0.02	54.22 4.02 0.02	55.32 4.43 0.02	58.95 4.67 0.02	64.60 5.06 0.02	71.97 5.39 0.02	77.85 5.90 0.02	74.34 5.44 0.02	67.42 4.76 0.02	64.66 4.46 0.02	60.35 4.26 0.00	53.58 3.36 0.00	48.01 2.72 0.00
EAST HAMPTON___GT 23717	70.69 4.93 0.00	66.92 4.96 0.00	60.77 3.71 0.00	61.68 4.19 0.00	61.01 4.52 0.00	64.36 6.11 0.00	70.24 7.30 -0.01	80.23 7.49 0.00	71.69 7.45 0.00	63.44 5.45 0.00	62.48 5.99 0.00	58.87 5.79 0.00	56.04 5.82 0.00	57.58 6.67 -0.01	61.49 7.17 -0.02	69.29 7.44 -2.30	85.03 9.06 -9.38	90.59 9.29 -9.34	90.48 8.68 -12.88	84.32 7.90 -13.75	74.54 8.01 -6.31	66.83 7.46 -3.28	56.56 6.33 -0.01	50.55 5.25 -0.01
EAST RIVER___6 23660	68.32 2.56 0.00	63.76 1.80 0.00	58.65 1.60 0.00	59.27 1.78 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	77.03 4.29 0.00	68.36 4.12 0.00	61.94 3.95 0.00	60.68 4.18 0.00	56.96 3.87 0.00	53.94 3.72 0.00	55.08 4.17 0.00	58.54 4.24 0.00	64.02 4.47 0.00	71.45 4.86 0.00	77.08 5.11 0.00	73.53 4.62 0.00	66.75 4.07 0.00	64.26 4.04 0.00	60.07 3.98 0.00	53.39 3.17 0.00	47.64 2.35 0.00
EAST RIVER___7 23524	68.32 2.56 0.00	63.76 1.80 0.00	58.65 1.60 0.00	59.27 1.78 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	77.03 4.29 0.00	68.36 4.12 0.00	61.94 3.95 0.00	60.68 4.18 0.00	56.96 3.87 0.00	53.94 3.72 0.00	55.08 4.17 0.00	58.54 4.24 0.00	64.02 4.47 0.00	71.45 4.86 0.00	77.08 5.11 0.00	73.53 4.62 0.00	66.75 4.07 0.00	64.26 4.04 0.00	60.07 3.98 0.00	53.39 3.17 0.00	47.64 2.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	68.19 2.43 0.00	63.88 1.92 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.57 2.33 0.00	66.46 3.52 0.00	76.96 4.22 0.00	68.04 3.79 0.00	61.53 3.54 0.00	60.23 3.73 0.00	56.48 3.40 0.00	53.49 3.26 0.00	54.57 3.67 0.00	58.10 3.80 0.00	63.78 4.23 0.00	71.06 4.46 0.00	76.86 4.89 0.00	73.39 4.48 0.00	66.63 3.95 0.00	63.90 3.67 0.00	59.68 3.59 0.00	53.08 2.86 0.00	47.51 2.22 0.00
EAST_HAMPTON___DIESEL 23722	70.69 4.93 0.00	66.92 4.96 0.00	60.77 3.71 0.00	61.68 4.19 0.00	61.01 4.52 0.00	64.36 6.11 0.00	70.24 7.30 -0.01	80.23 7.49 0.00	71.76 7.51 0.00	63.44 5.45 0.00	62.48 5.99 0.00	58.87 5.79 0.00	56.04 5.82 0.00	57.58 6.67 -0.01	61.49 7.17 -0.02	69.29 7.44 -2.30	84.96 8.99 -9.38	90.52 9.21 -9.34	90.48 8.68 -12.88	84.32 7.90 -13.75	74.54 8.01 -6.31	66.83 7.46 -3.28	56.56 6.33 -0.01	50.55 5.25 -0.01
EAST_POINT___SOLAR 323840	68.72 2.96 0.00	64.75 2.79 0.00	59.45 2.40 0.00	59.96 2.47 0.00	59.09 2.60 0.00	61.39 3.14 0.00	66.90 3.97 0.00	77.18 4.44 0.00	66.62 2.38 0.00	57.93 -0.06 0.00	56.22 -0.28 0.00	52.66 -0.43 0.00	49.72 -0.50 0.00	50.24 -0.66 0.00	53.92 -0.38 0.00	60.86 1.31 0.00	70.12 3.53 0.00	75.78 3.81 0.00	73.04 4.13 0.00	66.50 3.82 0.00	63.77 3.55 0.00	59.34 3.25 0.00	52.83 2.61 0.00	47.38 2.08 0.00
EAST_PULASKI___ESR 323781	65.10 -0.66 0.00	61.28 -0.68 0.00	56.43 -0.63 0.00	56.74 -0.75 0.00	55.82 -0.68 0.00	57.49 -0.76 0.00	62.24 -0.69 0.00	71.94 -0.80 0.00	63.48 -0.77 0.00	57.12 -0.87 0.00	55.54 -0.96 0.00	52.29 -0.79 0.00	49.52 -0.70 0.00	50.14 -0.76 0.00	53.65 -0.65 0.00	59.02 -0.54 0.00	65.93 -0.67 0.00	71.32 -0.65 0.00	68.36 -0.55 0.00	62.17 -0.50 0.00	59.62 -0.60 0.00	55.58 -0.51 0.00	49.77 -0.45 0.00	44.88 -0.41 0.00
EAST_RIVER___1 323558	68.45 2.70 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.96 0.00	58.35 1.86 0.00	60.75 2.50 0.00	66.33 3.40 0.00	77.03 4.29 0.00	68.36 4.12 0.00	61.94 3.95 0.00	60.68 4.18 0.00	56.91 3.82 0.00	53.94 3.72 0.00	55.03 4.12 0.00	58.48 4.18 0.00	63.96 4.41 0.00	71.39 4.80 0.00	77.08 5.11 0.00	73.53 4.62 0.00	66.75 4.07 0.00	64.26 4.04 0.00	60.07 3.98 0.00	53.48 3.26 0.00	47.74 2.44 0.00
EAST_RIVER___2 323559	68.32 2.56 0.00	63.76 1.80 0.00	58.65 1.60 0.00	59.27 1.78 0.00	58.24 1.75 0.00	60.63 2.39 0.00	66.26 3.33 0.00	77.03 4.29 0.00	68.36 4.12 0.00	61.94 3.95 0.00	60.68 4.18 0.00	56.96 3.87 0.00	53.94 3.72 0.00	55.08 4.17 0.00	58.54 4.24 0.00	64.02 4.47 0.00	71.45 4.86 0.00	77.08 5.11 0.00	73.53 4.62 0.00	66.75 4.07 0.00	64.26 4.04 0.00	60.07 3.98 0.00	53.39 3.17 0.00	47.64 2.35 0.00
EAST___DELAWARE_HYD 23607	68.84 3.09 0.00	64.62 2.66 0.00	59.40 2.34 0.00	60.02 2.53 0.00	58.97 2.48 0.00	61.27 3.03 0.00	66.71 3.78 0.00	77.25 4.51 0.00	68.23 3.98 0.00	61.35 3.36 0.00	59.83 3.33 0.00	56.11 3.02 0.00	53.18 2.96 0.00	54.21 3.31 0.00	57.78 3.48 0.00	63.60 4.05 0.00	71.19 4.59 0.00	77.00 5.04 0.00	73.60 4.69 0.00	66.81 4.14 0.00	64.32 4.10 0.00	60.01 3.92 0.00	53.39 3.17 0.00	47.78 2.49 0.00
EIGHT_POINT___WT_PWR 323820	65.69 -0.07 0.00	60.97 -0.99 0.00	55.80 -1.26 0.00	54.85 -2.64 0.00	53.38 -3.11 0.00	54.11 -4.13 0.00	58.15 -4.79 0.00	66.85 -5.89 0.00	58.66 -5.59 0.00	53.12 -4.87 0.00	51.41 -5.08 0.00	48.62 -4.46 0.00	46.00 -4.22 0.00	46.42 -4.48 0.00	49.90 -4.40 0.00	54.55 -5.00 0.00	61.26 -5.33 0.00	66.79 -5.18 0.00	63.81 -5.10 0.00	58.23 -4.45 0.00	55.77 -4.46 0.00	51.66 -4.43 0.00	46.00 -4.22 0.00	41.26 -4.03 0.00
ELBRIDGE_115KV_TB2 80188	64.50 -1.25 0.00	60.72 -1.24 0.00	55.92 -1.14 0.00	56.22 -1.26 0.00	55.30 -1.19 0.00	56.85 -1.40 0.00	61.29 -1.64 0.00	70.92 -1.82 0.00	62.64 -1.61 0.00	56.66 -1.33 0.00	55.09 -1.41 0.00	51.91 -1.17 0.00	49.07 -1.16 0.00	49.68 -1.22 0.00	53.11 -1.19 0.00	58.30 -1.25 0.00	65.40 -1.20 0.00	70.82 -1.15 0.00	67.81 -1.10 0.00	61.67 -1.00 0.00	59.32 -0.90 0.00	55.13 -0.95 0.00	49.32 -0.90 0.00	44.57 -0.72 0.00
ELEC_TRO_TEK 24086	68.91 3.16 0.00	64.50 2.54 0.00	59.06 2.00 0.00	59.73 2.24 0.00	58.98 2.49 0.00	61.45 3.20 0.00	67.71 4.78 0.00	77.76 5.02 0.00	68.94 4.69 0.00	61.76 3.77 0.00	60.68 4.18 0.00	57.12 4.03 0.00	54.14 3.92 0.00	55.54 4.63 0.00	59.15 4.83 -0.02	66.97 5.12 -2.30	81.50 5.53 -9.38	87.28 5.97 -9.34	87.38 5.58 -12.88	81.31 4.89 -13.75	71.17 4.64 -6.31	63.86 4.49 -3.29	54.14 3.92 0.00	48.51 3.22 0.00
ELLENBURG_WT_PWR 323604	66.22 0.46 0.00	62.89 0.93 0.00	58.03 0.97 0.00	58.52 1.04 0.00	57.45 0.96 0.00	59.12 0.87 0.00	63.88 0.95 0.00	73.97 1.24 0.00	65.40 1.16 0.00	58.92 0.92 0.00	57.23 0.73 0.00	53.61 0.53 0.00	50.47 0.25 0.00	50.80 -0.10 0.00	53.86 -0.44 0.00	58.90 -0.65 0.00	65.73 -0.87 0.00	70.96 -1.01 0.00	67.88 -1.03 0.00	61.67 -1.01 0.00	59.26 -0.97 0.00	55.08 -1.01 0.00	49.52 -0.70 0.00	44.56 -0.73 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	61.81 -3.95 0.00	57.87 -4.09 0.00	53.46 -3.59 0.00	53.46 -4.02 0.00	52.48 -4.01 0.00	52.24 -6.00 0.00	54.44 -8.50 0.00	62.41 -10.33 0.00	55.51 -8.74 0.00	51.84 -6.15 0.00	50.57 -5.93 0.00	48.52 -4.57 0.00	45.45 -4.77 0.00	45.51 -5.40 0.00	48.65 -5.65 0.00	52.47 -7.09 0.00	60.27 -6.33 0.00	65.56 -6.41 0.00	62.16 -6.75 0.00	56.97 -5.70 0.00	55.34 -4.88 0.00	51.38 -4.71 0.00	46.15 -4.07 0.00	42.66 -2.63 0.00
EMPIRE_CC_1 323656	67.00 1.25 0.00	62.95 0.99 0.00	58.03 0.97 0.00	58.64 1.15 0.00	57.62 1.13 0.00	59.64 1.40 0.00	64.31 1.38 0.00	74.05 1.31 0.00	65.60 1.35 0.00	59.09 1.10 0.00	57.69 1.19 0.00	54.09 1.01 0.00	51.23 1.00 0.00	52.02 1.12 0.00	55.49 1.19 0.00	60.86 1.31 0.00	68.06 1.46 0.00	73.26 1.30 0.00	70.29 1.38 0.00	64.05 1.38 0.00	61.61 1.39 0.00	57.38 1.29 0.00	51.52 1.30 0.00	46.65 1.36 0.00
EMPIRE_CC_2 323658	67.00 1.25 0.00	62.95 0.99 0.00	58.03 0.97 0.00	58.64 1.15 0.00	57.62 1.13 0.00	59.64 1.40 0.00	64.31 1.38 0.00	74.05 1.31 0.00	65.60 1.35 0.00	59.09 1.10 0.00	57.69 1.19 0.00	54.09 1.01 0.00	51.23 1.00 0.00	52.02 1.12 0.00	55.49 1.19 0.00	60.86 1.31 0.00	68.06 1.46 0.00	73.26 1.30 0.00	70.29 1.38 0.00	64.05 1.38 0.00	61.61 1.39 0.00	57.38 1.29 0.00	51.52 1.30 0.00	46.65 1.36 0.00
ENORWICH_115KV_TB1 80156	70.03 4.27 0.00	65.92 3.97 0.00	60.65 3.59 0.00	60.71 3.22 0.00	59.71 3.22 0.00	61.27 3.03 0.00	66.14 3.21 0.00	76.67 3.93 0.00	67.26 3.02 0.00	60.02 2.03 0.00	57.97 1.47 0.00	54.52 1.43 0.00	51.48 1.26 0.00	52.18 1.27 0.00	56.31 2.01 0.00	62.23 2.68 0.00	70.19 3.60 0.00	76.21 4.25 0.00	73.25 4.34 0.00	66.63 3.95 0.00	63.90 3.67 0.00	58.95 2.86 0.00	52.33 2.11 0.00	47.10 1.81 0.00
ERIE_ST__34_KV_TB1-2 80199	63.39 -2.37 0.00	59.36 -2.60 0.00	54.72 -2.34 0.00	54.79 -2.70 0.00	53.72 -2.77 0.00	53.70 -4.54 0.00	56.26 -6.67 0.00	64.52 -8.22 0.00	57.31 -6.94 0.00	53.35 -4.64 0.00	51.98 -4.52 0.00	49.79 -3.29 0.00	46.71 -3.52 0.00	46.78 -4.12 0.00	50.07 -4.24 0.00	54.01 -5.54 0.00	61.93 -4.66 0.00	67.51 -4.46 0.00	64.02 -4.89 0.00	58.67 -4.01 0.00	56.85 -3.37 0.00	52.72 -3.37 0.00	47.26 -2.96 0.00	43.66 -1.63 0.00
ERIE_WT_PWR 323693	62.47 -3.29 0.00	58.61 -3.35 0.00	53.86 -3.19 0.00	53.98 -3.51 0.00	52.93 -3.56 0.00	52.71 -5.53 0.00	56.77 -6.16 0.00	64.01 -8.73 0.00	56.79 -7.45 0.00	52.95 -5.05 0.00	51.36 -5.14 0.00	48.89 -4.19 0.00	46.16 -4.07 0.00	46.17 -4.73 0.00	49.74 -4.56 0.00	54.02 -5.54 0.00	61.14 -5.46 0.00	66.93 -5.04 0.00	63.74 -5.17 0.00	58.35 -4.32 0.00	55.83 -4.39 0.00	51.77 -4.32 0.00	46.50 -3.72 0.00	42.98 -2.31 0.00
ESPRGFLD_115KV_TB1 80157	66.54 0.79 0.00	62.76 0.81 0.00	57.74 0.68 0.00	58.18 0.69 0.00	57.34 0.85 0.00	59.35 1.11 0.00	64.50 1.57 0.00	74.78 2.04 0.00	65.47 1.22 0.00	58.16 0.17 0.00	56.44 -0.06 0.00	52.92 -0.16 0.00	50.02 -0.20 0.00	50.75 -0.15 0.00	54.41 0.11 0.00	60.27 0.71 0.00	68.19 1.60 0.00	73.70 1.73 0.00	70.91 2.00 0.00	64.43 1.75 0.00	61.85 1.63 0.00	57.55 1.46 0.00	51.17 0.95 0.00	45.88 0.59 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	66.54 0.79 0.00	62.58 0.62 0.00	57.63 0.57 0.00	57.89 0.40 0.00	56.94 0.45 0.00	58.48 0.23 0.00	63.12 0.19 0.00	73.10 0.36 0.00	64.50 0.26 0.00	58.16 0.17 0.00	56.44 -0.06 0.00	53.19 0.11 0.00	50.27 0.05 0.00	50.85 -0.05 0.00	54.52 0.22 0.00	59.91 0.36 0.00	67.26 0.67 0.00	73.05 1.08 0.00	69.94 1.03 0.00	63.62 0.94 0.00	61.13 0.90 0.00	56.76 0.67 0.00	50.67 0.45 0.00	45.74 0.45 0.00
ETNA____115KV_TB2 80207	66.54 0.79 0.00	62.58 0.62 0.00	57.63 0.57 0.00	57.89 0.40 0.00	56.94 0.45 0.00	58.48 0.23 0.00	63.12 0.19 0.00	73.10 0.36 0.00	64.50 0.26 0.00	58.16 0.17 0.00	56.44 -0.06 0.00	53.19 0.11 0.00	50.27 0.05 0.00	50.85 -0.05 0.00	54.52 0.22 0.00	59.91 0.36 0.00	67.26 0.67 0.00	73.05 1.08 0.00	69.94 1.03 0.00	63.62 0.94 0.00	61.13 0.90 0.00	56.76 0.67 0.00	50.67 0.45 0.00	45.74 0.45 0.00
EUCLID___115KV_TB2 356179	64.04 -1.71 0.00	60.29 -1.67 0.00	55.58 -1.48 0.00	55.88 -1.61 0.00	54.97 -1.53 0.00	56.50 -1.75 0.00	60.92 -2.01 0.00	70.48 -2.25 0.00	62.25 -1.99 0.00	56.31 -1.68 0.00	54.80 -1.69 0.00	51.65 -1.43 0.00	48.82 -1.41 0.00	49.43 -1.48 0.00	52.83 -1.47 0.00	57.94 -1.61 0.00	65.00 -1.60 0.00	70.31 -1.66 0.00	67.33 -1.58 0.00	61.24 -1.44 0.00	58.90 -1.32 0.00	54.80 -1.29 0.00	49.01 -1.21 0.00	44.29 -1.00 0.00
E_CANADA_CAP_HY 24051	66.80 1.05 0.00	63.01 1.05 0.00	57.86 0.80 0.00	58.35 0.86 0.00	57.51 1.02 0.00	59.76 1.51 0.00	65.00 2.07 0.00	75.07 2.33 0.00	65.46 1.22 0.00	57.52 -0.47 0.00	55.82 -0.68 0.00	52.18 -0.90 0.00	49.32 -0.90 0.00	50.04 -0.87 0.00	53.76 -0.54 0.00	59.85 0.30 0.00	68.19 1.60 0.00	73.69 1.72 0.00	70.98 2.07 0.00	64.56 1.88 0.00	61.91 1.68 0.00	57.71 1.63 0.00	51.38 1.16 0.00	46.11 0.82 0.00
E_CANADA_MHWK_HY 24050	69.90 4.14 0.00	66.05 4.09 0.00	60.94 3.88 0.00	61.45 3.96 0.00	60.39 3.89 0.00	62.15 3.90 0.00	66.90 3.97 0.00	76.96 4.22 0.00	67.65 3.40 0.00	60.95 2.96 0.00	59.38 2.88 0.00	55.79 2.71 0.00	52.83 2.61 0.00	53.55 2.65 0.00	57.12 2.82 0.00	62.53 2.98 0.00	69.73 3.13 0.00	75.28 3.31 0.00	72.01 3.10 0.00	65.43 2.75 0.00	62.87 2.65 0.00	58.72 2.64 0.00	52.58 2.36 0.00	47.42 2.13 0.00
E_FISHKILL___LBMP 23776	67.86 2.10 0.00	63.63 1.67 0.00	58.54 1.48 0.00	59.16 1.67 0.00	58.07 1.58 0.00	60.28 2.04 0.00	65.95 3.02 0.00	76.38 3.64 0.00	67.46 3.21 0.00	60.95 2.96 0.00	59.61 3.11 0.00	55.90 2.81 0.00	52.93 2.71 0.00	53.96 3.05 0.00	57.50 3.20 0.00	63.13 3.57 0.00	70.32 3.73 0.00	76.07 4.10 0.00	72.70 3.79 0.00	66.00 3.32 0.00	63.35 3.13 0.00	59.12 3.03 0.00	52.63 2.41 0.00	47.15 1.86 0.00
FALCON___SEABRD_CC1 323796	67.00 1.25 0.00	63.69 1.73 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.24 1.75 0.00	59.87 1.63 0.00	64.69 1.76 0.00	74.92 2.18 0.00	66.24 1.99 0.00	59.73 1.74 0.00	57.91 1.41 0.00	54.30 1.22 0.00	51.13 0.90 0.00	51.41 0.51 0.00	54.52 0.22 0.00	59.61 0.06 0.00	66.53 -0.07 0.00	71.82 -0.14 0.00	68.70 -0.21 0.00	62.37 -0.31 0.00	59.98 -0.24 0.00	55.70 -0.39 0.00	50.07 -0.15 0.00	45.11 -0.18 0.00
FALCON___SEABRD_CC2 323797	67.00 1.25 0.00	63.69 1.73 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.24 1.75 0.00	59.87 1.63 0.00	64.69 1.76 0.00	74.92 2.18 0.00	66.24 1.99 0.00	59.73 1.74 0.00	57.91 1.41 0.00	54.30 1.22 0.00	51.13 0.90 0.00	51.41 0.51 0.00	54.52 0.22 0.00	59.61 0.06 0.00	66.53 -0.07 0.00	71.82 -0.14 0.00	68.70 -0.21 0.00	62.37 -0.31 0.00	59.98 -0.24 0.00	55.70 -0.39 0.00	50.07 -0.15 0.00	45.11 -0.18 0.00



FAR ROCKAWAY___4 23548	69.90 4.14 0.00	65.43 3.47 0.00	59.85 2.80 0.00	60.48 2.99 0.00	59.71 3.22 0.00	62.20 3.96 0.00	68.66 5.73 0.00	78.78 6.04 0.00	69.90 5.65 0.00	62.63 4.64 0.00	61.53 5.03 0.00	57.92 4.83 0.00	54.90 4.67 0.00	56.30 5.40 0.00	59.97 5.65 -0.02	67.86 6.01 -2.30	82.50 6.53 -9.38	88.43 7.12 -9.34	88.48 6.68 -12.88	82.32 5.89 -13.75	72.13 5.60 -6.31	64.70 5.33 -3.29	54.84 4.62 0.00	49.14 3.85 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	68.52 2.76 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.90 3.96 0.00	77.69 4.95 0.00	68.68 4.43 0.00	62.17 4.18 0.00	60.85 4.35 0.00	57.06 3.98 0.00	53.99 3.77 0.00	55.13 4.23 0.00	58.70 4.40 0.00	64.32 4.76 0.00	71.66 5.06 0.00	77.51 5.54 0.00	73.94 5.03 0.00	67.13 4.45 0.00	64.38 4.16 0.00	60.07 3.98 0.00	53.43 3.21 0.00	47.74 2.45 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	68.52 2.76 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.56 2.07 0.00	58.52 2.03 0.00	60.92 2.68 0.00	66.96 4.03 0.00	77.69 4.95 0.00	68.68 4.43 0.00	62.17 4.18 0.00	60.85 4.35 0.00	57.06 3.98 0.00	54.04 3.82 0.00	55.13 4.23 0.00	58.70 4.40 0.00	64.38 4.82 0.00	71.66 5.06 0.00	77.51 5.54 0.00	74.01 5.10 0.00	67.13 4.45 0.00	64.38 4.16 0.00	60.13 4.04 0.00	53.43 3.21 0.00	47.78 2.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.90 3.96 0.00	77.61 4.87 0.00	68.61 4.37 0.00	62.11 4.12 0.00	60.79 4.29 0.00	57.01 3.93 0.00	53.99 3.77 0.00	55.13 4.23 0.00	58.70 4.40 0.00	64.32 4.76 0.00	71.66 5.06 0.00	77.44 5.47 0.00	73.94 5.03 0.00	67.06 4.39 0.00	64.32 4.10 0.00	60.07 3.98 0.00	53.38 3.16 0.00	47.74 2.45 0.00
FARRAGUT___LBMP 323566	68.38 2.63 0.00	64.00 2.04 0.00	58.88 1.83 0.00	59.44 1.95 0.00	58.47 1.98 0.00	60.81 2.56 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.74 4.24 0.00	56.96 3.88 0.00	53.94 3.72 0.00	55.08 4.17 0.00	58.64 4.34 0.00	64.26 4.70 0.00	71.59 4.99 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.26 4.03 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.69 2.40 0.00
FENNER___WINDPWR 24204	66.80 1.05 0.00	62.95 0.99 0.00	57.97 0.91 0.00	58.29 0.80 0.00	57.34 0.85 0.00	59.06 0.82 0.00	64.00 1.07 0.00	74.05 1.31 0.00	65.34 1.09 0.00	58.80 0.81 0.00	57.12 0.62 0.00	53.67 0.58 0.00	50.78 0.55 0.00	51.46 0.56 0.00	55.06 0.76 0.00	60.50 0.95 0.00	67.73 1.13 0.00	73.33 1.36 0.00	70.29 1.38 0.00	63.87 1.19 0.00	61.31 1.09 0.00	57.04 0.95 0.00	50.92 0.70 0.00	45.92 0.63 0.00
FIBERTEK___ENERGY 23856	64.90 -0.85 0.00	61.09 -0.87 0.00	56.26 -0.80 0.00	56.57 -0.92 0.00	55.64 -0.85 0.00	57.25 -0.99 0.00	61.74 -1.20 0.00	71.50 -1.24 0.00	63.15 -1.09 0.00	57.06 -0.93 0.00	55.48 -1.02 0.00	52.29 -0.80 0.00	49.42 -0.80 0.00	50.04 -0.87 0.00	53.54 -0.76 0.00	58.72 -0.83 0.00	65.80 -0.80 0.00	71.32 -0.65 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.53 -0.56 0.00	49.67 -0.55 0.00	44.84 -0.45 0.00
FITZPATRICK___ 23598	63.26 -2.50 0.00	59.54 -2.42 0.00	54.83 -2.23 0.00	55.19 -2.30 0.00	54.29 -2.20 0.00	55.80 -2.44 0.00	60.29 -2.64 0.00	69.69 -3.05 0.00	61.55 -2.70 0.00	55.67 -2.32 0.00	54.18 -2.32 0.00	50.96 -2.12 0.00	48.21 -2.01 0.00	48.81 -2.09 0.00	52.18 -2.12 0.00	57.23 -2.32 0.00	64.06 -2.53 0.00	69.38 -2.59 0.00	66.43 -2.48 0.00	60.42 -2.25 0.00	58.00 -2.23 0.00	53.96 -2.13 0.00	48.31 -1.91 0.00	43.66 -1.63 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	68.71 2.96 0.00	64.44 2.48 0.00	59.23 2.17 0.00	59.85 2.36 0.00	58.81 2.32 0.00	61.04 2.80 0.00	66.83 3.90 0.00	77.32 4.58 0.00	68.23 3.98 0.00	61.47 3.48 0.00	60.06 3.56 0.00	56.27 3.18 0.00	53.34 3.11 0.00	54.37 3.46 0.00	57.99 3.69 0.00	63.78 4.23 0.00	71.19 4.60 0.00	77.01 5.04 0.00	73.60 4.69 0.00	66.81 4.14 0.00	64.14 3.91 0.00	59.84 3.76 0.00	53.23 3.01 0.00	47.65 2.36 0.00
FORT ORANGE___ 23900	67.92 2.17 0.00	63.88 1.92 0.00	58.83 1.77 0.00	59.38 1.89 0.00	58.35 1.86 0.00	60.40 2.16 0.00	64.94 2.01 0.00	74.48 1.74 0.00	65.91 1.67 0.00	59.26 1.27 0.00	57.85 1.35 0.00	54.25 1.17 0.00	51.33 1.10 0.00	52.12 1.22 0.00	55.66 1.36 0.00	61.16 1.61 0.00	68.39 1.80 0.00	73.77 1.80 0.00	70.77 1.86 0.00	64.43 1.75 0.00	61.97 1.75 0.00	57.77 1.68 0.00	51.93 1.71 0.00	46.97 1.68 0.00
FORT_DRUM_COGEN 23780	68.06 2.30 0.00	64.25 2.29 0.00	59.23 2.17 0.00	59.16 1.67 0.00	58.30 1.81 0.00	60.17 1.92 0.00	65.39 2.45 0.00	75.94 3.20 0.00	66.82 2.57 0.00	59.61 1.62 0.00	57.91 1.41 0.00	54.30 1.22 0.00	51.43 1.21 0.00	52.13 1.22 0.00	55.82 1.52 0.00	61.52 1.97 0.00	68.66 2.06 0.00	74.20 2.23 0.00	71.46 2.55 0.00	65.00 2.32 0.00	62.39 2.17 0.00	58.05 1.96 0.00	51.98 1.76 0.00	46.70 1.40 0.00
FOX_HILLS___ESR 323835	68.84 3.09 0.00	64.62 2.66 0.00	59.91 2.85 0.00	60.36 2.87 0.00	59.26 2.77 0.00	61.56 3.32 0.00	67.78 4.85 0.00	78.34 5.60 0.00	69.13 4.88 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.38 4.30 0.00	54.34 4.12 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.69 5.01 0.00	65.04 4.82 0.00	60.52 4.43 0.00	53.48 3.26 0.00	47.78 2.49 0.00
FPL_FAR_ROCK_GT1 24212	69.83 4.08 0.00	65.49 3.53 0.00	59.80 2.74 0.00	60.53 3.04 0.00	59.60 3.10 0.00	62.32 4.08 0.00	68.23 5.29 -0.01	78.26 5.53 0.00	69.64 5.40 0.00	62.52 4.53 0.00	61.41 4.91 0.00	57.87 4.78 0.00	54.80 4.57 0.00	56.26 5.34 -0.01	59.80 5.48 -0.02	67.57 5.72 -2.30	82.30 6.33 -9.38	88.07 6.76 -9.34	88.13 6.34 -12.88	82.07 5.64 -13.75	72.07 5.54 -6.31	64.71 5.33 -3.29	54.95 4.72 -0.01	49.15 3.85 -0.01
FPL_FAR_ROCK_GT2 23815	69.83 4.08 0.00	65.49 3.53 0.00	59.80 2.74 0.00	60.53 3.04 0.00	59.60 3.10 0.00	62.32 4.08 0.00	68.23 5.29 -0.01	78.26 5.53 0.00	69.64 5.40 0.00	62.52 4.53 0.00	61.41 4.91 0.00	57.87 4.78 0.00	54.80 4.57 0.00	56.26 5.34 -0.01	59.80 5.48 -0.02	67.57 5.72 -2.30	82.30 6.33 -9.38	88.07 6.76 -9.34	88.13 6.34 -12.88	82.07 5.64 -13.75	72.07 5.54 -6.31	64.71 5.33 -3.29	54.95 4.72 -0.01	49.15 3.85 -0.01
FRANKLIN_FALL_HYD 24054	67.46 1.71 0.00	64.07 2.11 0.00	59.06 2.00 0.00	59.56 2.07 0.00	58.47 1.98 0.00	60.05 1.81 0.00	65.01 2.08 0.00	75.14 2.40 0.00	66.56 2.31 0.00	60.02 2.03 0.00	58.25 1.75 0.00	54.30 1.22 0.00	51.53 1.31 0.00	51.87 0.97 0.00	55.01 0.71 0.00	60.03 0.48 0.00	66.93 0.33 0.00	72.18 0.22 0.00	69.05 0.14 0.00	62.80 0.13 0.00	60.40 0.18 0.00	56.14 0.06 0.00	50.62 0.40 0.00	45.61 0.32 0.00



FREEPORT_EQUS_GT1 23764	69.30 3.55 0.00	65.06 3.10 0.00	59.34 2.28 0.00	60.08 2.59 0.00	59.20 2.71 0.00	61.97 3.73 0.00	67.79 4.85 -0.01	77.40 4.66 0.00	68.93 4.69 0.00	61.76 3.77 0.00	60.45 3.95 0.00	57.17 4.09 0.00	54.19 3.97 0.00	55.70 4.78 -0.01	59.26 4.94 -0.02	67.21 5.36 -2.30	81.84 5.86 -9.38	87.64 6.33 -9.34	87.65 5.85 -12.88	81.62 5.20 -13.75	71.65 5.12 -6.31	64.36 4.99 -3.29	54.70 4.47 -0.01	48.92 3.62 -0.01
FREEPORT___CT2 23818	69.30 3.55 0.00	65.06 3.10 0.00	59.34 2.28 0.00	60.08 2.59 0.00	59.20 2.71 0.00	61.97 3.73 0.00	67.79 4.85 -0.01	77.40 4.66 0.00	68.93 4.69 0.00	61.76 3.77 0.00	60.45 3.95 0.00	57.17 4.09 0.00	54.19 3.97 0.00	55.70 4.78 -0.01	59.26 4.94 -0.02	67.21 5.36 -2.30	81.84 5.86 -9.38	87.64 6.33 -9.34	87.65 5.85 -12.88	81.62 5.20 -13.75	71.65 5.12 -6.31	64.36 4.99 -3.29	54.70 4.47 -0.01	48.92 3.62 -0.01
FRESHKLS_33_KV_LOAD 356253	68.71 2.96 0.00	64.75 2.79 0.00	60.25 3.20 0.00	60.71 3.22 0.00	59.60 3.11 0.00	61.91 3.67 0.00	68.22 5.29 0.00	78.70 5.96 0.00	69.32 5.08 0.00	62.69 4.70 0.00	61.30 4.80 0.00	57.49 4.41 0.00	54.44 4.22 0.00	55.49 4.58 0.00	59.19 4.89 0.00	64.91 5.36 0.00	72.19 5.59 0.00	78.16 6.19 0.00	74.70 5.79 0.00	67.94 5.26 0.00	65.40 5.18 0.00	60.80 4.71 0.00	53.53 3.31 0.00	3.18 2.49 44.60
FULTON COGEN____ 23766	64.18 -1.58 0.00	60.35 -1.61 0.00	55.63 -1.43 0.00	55.94 -1.55 0.00	55.02 -1.47 0.00	56.61 -1.63 0.00	61.04 -1.89 0.00	70.70 -2.04 0.00	62.45 -1.80 0.00	56.43 -1.57 0.00	54.86 -1.64 0.00	51.70 -1.38 0.00	48.87 -1.36 0.00	49.48 -1.43 0.00	52.94 -1.36 0.00	58.06 -1.49 0.00	65.06 -1.53 0.00	70.46 -1.51 0.00	67.46 -1.45 0.00	61.36 -1.32 0.00	58.96 -1.26 0.00	54.85 -1.23 0.00	49.07 -1.16 0.00	44.29 -1.00 0.00
FULTON___LFGE 323630	68.39 2.63 0.00	64.44 2.48 0.00	59.17 2.11 0.00	59.73 2.24 0.00	58.81 2.32 0.00	61.04 2.80 0.00	66.39 3.38 0.00	76.66 3.93 0.00	66.88 2.64 0.00	58.80 0.81 0.00	56.95 0.45 0.00	53.19 0.11 0.00	50.27 0.05 0.00	51.06 0.15 0.00	55.00 0.70 0.00	61.34 1.78 0.00	69.79 3.20 0.00	75.35 3.38 0.00	72.56 3.65 0.00	66.06 3.38 0.00	63.35 3.13 0.00	58.95 2.86 0.00	52.53 2.31 0.00	47.19 1.90 0.00
G.F.CEMENT___DRP 24184	69.17 3.42 0.00	64.99 3.04 0.00	59.80 2.74 0.00	60.42 2.93 0.00	59.48 2.99 0.00	61.62 3.38 0.00	66.77 3.84 0.00	77.18 4.44 0.00	68.10 3.85 0.00	60.77 2.78 0.00	59.15 2.66 0.00	55.31 2.23 0.00	52.18 1.96 0.00	52.99 2.09 0.00	56.74 2.44 0.00	62.65 3.10 0.00	70.19 3.60 0.00	75.57 3.60 0.00	72.84 3.93 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.28 3.20 0.00	54.04 3.82 0.00	48.69 3.40 0.00
GARDENVILLE___LBMP 24039	62.07 -3.68 0.00	58.12 -3.84 0.00	53.64 -3.42 0.00	53.69 -3.79 0.00	52.65 -3.84 0.00	52.48 -5.77 0.00	54.75 -8.18 0.00	62.77 -9.97 0.00	55.77 -8.48 0.00	52.08 -5.92 0.00	50.79 -5.71 0.00	48.68 -4.41 0.00	45.65 -4.57 0.00	45.71 -5.19 0.00	48.87 -5.43 0.00	52.70 -6.85 0.00	60.47 -6.13 0.00	65.85 -6.12 0.00	62.43 -6.48 0.00	57.29 -5.39 0.00	55.59 -4.64 0.00	51.60 -4.49 0.00	46.30 -3.92 0.00	42.80 -2.49 0.00
GARDNVLA_35_KV_LD 355827	62.53 -3.22 0.00	58.49 -3.47 0.00	53.98 -3.08 0.00	54.04 -3.45 0.00	52.99 -3.50 0.00	52.83 -5.42 0.00	55.06 -7.87 0.00	63.14 -9.60 0.00	56.15 -8.09 0.00	52.42 -5.57 0.00	51.13 -5.37 0.00	49.05 -4.03 0.00	45.95 -4.27 0.00	46.02 -4.89 0.00	49.20 -5.10 0.00	53.00 -6.55 0.00	60.87 -5.73 0.00	66.35 -5.61 0.00	62.92 -6.00 0.00	57.66 -5.01 0.00	55.95 -4.28 0.00	51.94 -4.15 0.00	46.60 -3.62 0.00	43.07 -2.22 0.00
GELCKHM___115KV_LOAD 80723	64.37 -1.38 0.00	60.60 -1.36 0.00	55.80 -1.26 0.00	56.17 -1.32 0.00	55.25 -1.24 0.00	56.79 -1.46 0.00	61.23 -1.70 0.00	70.92 -1.82 0.00	62.64 -1.61 0.00	56.60 -1.39 0.00	55.09 -1.41 0.00	51.91 -1.17 0.00	49.07 -1.16 0.00	49.68 -1.22 0.00	53.11 -1.19 0.00	58.24 -1.31 0.00	65.33 -1.27 0.00	70.74 -1.22 0.00	67.67 -1.24 0.00	61.61 -1.07 0.00	59.20 -1.02 0.00	55.08 -1.01 0.00	49.27 -0.95 0.00	44.48 -0.82 0.00
GENERAL___MILLS 23808	62.33 -3.42 0.00	58.37 -3.59 0.00	53.86 -3.20 0.00	53.92 -3.56 0.00	52.88 -3.62 0.00	52.71 -5.53 0.00	54.94 -7.99 0.00	62.99 -9.75 0.00	55.96 -8.29 0.00	52.25 -5.74 0.00	51.02 -5.48 0.00	48.89 -4.19 0.00	45.80 -4.42 0.00	45.92 -4.99 0.00	49.03 -5.27 0.00	52.88 -6.67 0.00	60.73 -5.86 0.00	66.14 -5.83 0.00	62.71 -6.20 0.00	57.48 -5.20 0.00	55.83 -4.40 0.00	51.77 -4.32 0.00	46.50 -3.72 0.00	42.98 -2.31 0.00
GE_PLASTICS___DRP 24183	67.27 1.51 0.00	63.38 1.43 0.00	58.31 1.26 0.00	58.87 1.38 0.00	57.85 1.36 0.00	59.82 1.57 0.00	64.50 1.57 0.00	74.12 1.38 0.00	65.53 1.28 0.00	59.03 1.04 0.00	57.63 1.13 0.00	54.09 1.01 0.00	51.23 1.00 0.00	51.97 1.07 0.00	55.50 1.19 0.00	60.92 1.37 0.00	67.99 1.40 0.00	73.41 1.44 0.00	70.36 1.45 0.00	64.06 1.38 0.00	61.49 1.26 0.00	57.38 1.29 0.00	51.48 1.26 0.00	46.56 1.27 0.00
GILBOA___1 23756	67.00 1.25 0.00	63.39 1.43 0.00	58.37 1.31 0.00	58.93 1.44 0.00	57.84 1.35 0.00	59.82 1.57 0.00	64.31 1.38 0.00	74.34 1.60 0.00	65.72 1.48 0.00	59.33 1.33 0.00	57.91 1.41 0.00	54.41 1.33 0.00	51.48 1.26 0.00	52.28 1.37 0.00	55.71 1.41 0.00	61.10 1.55 0.00	68.32 1.73 0.00	73.84 1.87 0.00	70.63 1.72 0.00	64.25 1.57 0.00	61.79 1.56 0.00	57.60 1.51 0.00	51.48 1.26 0.00	46.33 1.04 0.00
GILBOA___2 23757	67.00 1.25 0.00	63.39 1.43 0.00	58.37 1.31 0.00	58.93 1.44 0.00	57.84 1.35 0.00	59.82 1.57 0.00	64.31 1.38 0.00	74.34 1.60 0.00	65.72 1.48 0.00	59.33 1.33 0.00	57.91 1.41 0.00	54.41 1.33 0.00	51.48 1.26 0.00	52.28 1.37 0.00	55.71 1.41 0.00	61.10 1.55 0.00	68.32 1.73 0.00	73.84 1.87 0.00	70.63 1.72 0.00	64.25 1.57 0.00	61.79 1.56 0.00	57.60 1.51 0.00	51.48 1.26 0.00	46.33 1.04 0.00
GILBOA___3 23758	67.00 1.25 0.00	63.39 1.43 0.00	58.37 1.31 0.00	58.93 1.44 0.00	57.84 1.35 0.00	59.82 1.57 0.00	64.31 1.38 0.00	74.34 1.60 0.00	65.72 1.48 0.00	59.33 1.33 0.00	57.91 1.41 0.00	54.41 1.33 0.00	51.48 1.26 0.00	52.28 1.37 0.00	55.71 1.41 0.00	61.10 1.55 0.00	68.32 1.73 0.00	73.84 1.87 0.00	70.63 1.72 0.00	64.25 1.57 0.00	61.79 1.56 0.00	57.60 1.51 0.00	51.48 1.26 0.00	46.33 1.04 0.00
GILBOA___4 23759	67.00 1.25 0.00	63.39 1.43 0.00	58.37 1.31 0.00	58.93 1.44 0.00	57.84 1.35 0.00	59.82 1.57 0.00	64.31 1.38 0.00	74.34 1.60 0.00	65.72 1.48 0.00	59.33 1.33 0.00	57.91 1.41 0.00	54.41 1.33 0.00	51.48 1.26 0.00	52.28 1.37 0.00	55.71 1.41 0.00	61.10 1.55 0.00	68.32 1.73 0.00	73.84 1.87 0.00	70.63 1.72 0.00	64.25 1.57 0.00	61.79 1.56 0.00	57.60 1.51 0.00	51.48 1.26 0.00	46.33 1.04 0.00



GILBOA____ 23599	67.00 1.25 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.93 1.44 0.00	57.90 1.41 0.00	59.82 1.57 0.00	64.50 1.57 0.00	74.56 1.82 0.00	65.85 1.61 0.00	59.38 1.39 0.00	57.97 1.47 0.00	54.46 1.38 0.00	51.53 1.31 0.00	52.33 1.43 0.00	55.77 1.47 0.00	61.22 1.67 0.00	68.39 1.80 0.00	73.98 2.02 0.00	70.77 1.86 0.00	64.37 1.69 0.00	61.79 1.57 0.00	57.60 1.51 0.00	51.48 1.26 0.00	46.33 1.04 0.00
GINNA____ 23603	60.75 -5.00 0.00	57.06 -4.90 0.00	52.49 -4.57 0.00	52.66 -4.83 0.00	51.92 -4.57 0.00	52.71 -5.53 0.00	56.95 -5.98 0.00	65.47 -7.27 0.00	57.69 -6.55 0.00	52.71 -5.28 0.00	51.18 -5.31 0.00	48.36 -4.72 0.00	45.75 -4.47 0.00	46.12 -4.79 0.00	49.52 -4.78 0.00	54.43 -5.12 0.00	61.20 -5.39 0.00	66.28 -5.69 0.00	63.47 -5.45 0.00	57.85 -4.82 0.00	55.59 -4.64 0.00	51.49 -4.60 0.00	46.00 -4.22 0.00	41.89 -3.40 0.00
GLEN PARK____ 23778	68.32 2.56 0.00	64.50 2.54 0.00	59.45 2.40 0.00	59.50 2.01 0.00	58.58 2.09 0.00	60.46 2.21 0.00	65.89 2.96 0.00	76.45 3.71 0.00	67.27 3.02 0.00	59.90 1.91 0.00	58.14 1.64 0.00	54.52 1.43 0.00	51.63 1.40 0.00	52.33 1.42 0.00	56.04 1.74 0.00	61.87 2.32 0.00	69.12 2.53 0.00	74.70 2.73 0.00	72.01 3.10 0.00	65.50 2.82 0.00	62.81 2.59 0.00	58.39 2.30 0.00	52.23 2.01 0.00	46.92 1.63 0.00
GLENDALE_27_KV_LOAD 356172	69.04 3.29 0.00	64.44 2.48 0.00	59.51 2.45 0.00	60.08 2.59 0.00	59.09 2.60 0.00	61.45 3.20 0.00	67.46 4.53 0.00	78.27 5.53 0.00	69.26 5.01 0.00	62.69 4.70 0.00	61.36 4.86 0.00	57.54 4.46 0.00	54.44 4.22 0.00	55.59 4.68 0.00	59.19 4.89 0.00	64.91 5.36 0.00	72.32 5.73 0.00	78.23 6.26 0.00	74.63 5.72 0.00	67.75 5.08 0.00	64.98 4.76 0.00	60.57 4.49 0.00	53.79 3.57 0.00	48.10 2.81 0.00
GLENWOOD_IC_1_G5 23712	68.98 3.22 0.00	64.56 2.60 0.00	59.23 2.17 0.00	59.85 2.36 0.00	58.98 2.49 0.00	61.39 3.15 0.00	67.59 4.66 0.00	77.83 5.09 0.00	68.94 4.69 0.00	61.99 4.00 0.00	60.85 4.35 0.00	57.22 4.14 0.00	54.24 4.02 0.00	55.54 4.63 0.00	59.15 4.83 -0.02	67.03 5.18 -2.30	81.57 5.59 -9.38	87.42 6.12 -9.34	87.45 5.65 -12.88	81.44 5.01 -13.75	71.23 4.70 -6.31	63.86 4.49 -3.29	53.99 3.77 0.00	48.33 3.03 0.00
GLENWOOD_IC_2_G1 23688	68.58 2.83 0.00	64.25 2.29 0.00	58.94 1.88 0.00	59.62 2.13 0.00	58.58 2.09 0.00	61.10 2.85 0.00	66.71 3.78 -0.01	76.96 4.22 0.00	68.36 4.12 0.00	61.65 3.66 0.00	60.45 3.95 0.00	56.85 3.77 0.00	53.84 3.62 0.00	55.09 4.17 -0.01	58.61 4.29 -0.02	66.37 4.52 -2.30	80.90 4.93 -9.38	86.56 5.25 -9.34	86.62 4.82 -12.88	80.69 4.26 -13.75	70.81 4.28 -6.31	63.52 4.15 -3.28	53.69 3.46 -0.01	48.02 2.72 -0.01
GLENWOOD_IC_3_G1 23689	68.58 2.83 0.00	64.25 2.29 0.00	58.94 1.88 0.00	59.62 2.13 0.00	58.58 2.09 0.00	61.10 2.85 0.00	66.71 3.78 -0.01	76.96 4.22 0.00	68.36 4.12 0.00	61.65 3.66 0.00	60.45 3.95 0.00	56.85 3.77 0.00	53.84 3.62 0.00	55.09 4.17 -0.01	58.61 4.29 -0.02	66.37 4.52 -2.30	80.90 4.93 -9.38	86.56 5.25 -9.34	86.62 4.82 -12.88	80.69 4.26 -13.75	70.81 4.28 -6.31	63.52 4.15 -3.28	53.69 3.46 -0.01	48.02 2.72 -0.01
GLENWOOD____4 23550	68.98 3.22 0.00	64.56 2.60 0.00	59.23 2.17 0.00	59.85 2.36 0.00	58.98 2.49 0.00	61.39 3.15 0.00	67.59 4.66 0.00	77.83 5.09 0.00	68.94 4.69 0.00	61.99 4.00 0.00	60.85 4.35 0.00	57.22 4.14 0.00	54.24 4.02 0.00	55.54 4.63 0.00	59.15 4.83 -0.02	67.03 5.18 -2.30	81.57 5.59 -9.38	87.42 6.12 -9.34	87.45 5.65 -12.88	81.44 5.01 -13.75	71.23 4.70 -6.31	63.86 4.49 -3.29	53.99 3.77 0.00	48.33 3.03 0.00
GLENWOOD____5 23614	68.98 3.22 0.00	64.56 2.60 0.00	59.23 2.17 0.00	59.85 2.36 0.00	58.98 2.49 0.00	61.39 3.15 0.00	67.59 4.66 0.00	77.83 5.09 0.00	68.94 4.69 0.00	61.99 4.00 0.00	60.85 4.35 0.00	57.22 4.14 0.00	54.24 4.02 0.00	55.54 4.63 0.00	59.15 4.83 -0.02	67.03 5.18 -2.30	81.57 5.59 -9.38	87.42 6.12 -9.34	87.45 5.65 -12.88	81.44 5.01 -13.75	71.23 4.70 -6.31	63.86 4.49 -3.29	53.99 3.77 0.00	48.33 3.03 0.00
GLOBAL GREEN_PORT_GT1 23814	70.62 4.87 0.00	66.85 4.89 0.00	60.66 3.60 0.00	61.57 4.08 0.00	60.90 4.41 0.00	64.24 6.00 0.00	70.11 7.17 -0.01	80.08 7.34 0.00	71.63 7.39 0.00	63.38 5.39 0.00	62.43 5.93 0.00	58.82 5.73 0.00	55.99 5.77 0.00	57.53 6.61 -0.01	61.43 7.11 -0.02	69.29 7.44 -2.30	84.96 8.99 -9.38	90.52 9.21 -9.34	90.48 8.68 -12.88	84.26 7.83 -13.75	74.54 8.01 -6.31	66.83 7.46 -3.28	56.56 6.33 -0.01	50.51 5.21 -0.01
GLOBE____DSASP 323697	60.63 -5.13 0.00	55.95 -6.01 0.00	52.55 -4.51 0.00	51.85 -5.63 0.00	51.69 -4.80 0.00	50.61 -7.63 0.00	52.36 -10.57 0.00	59.94 -12.80 0.00	53.39 -10.86 0.00	50.16 -7.83 0.00	48.98 -7.51 0.00	47.08 -6.00 0.00	44.04 -6.18 0.00	44.08 -6.82 0.00	47.08 -7.22 0.00	50.62 -8.93 0.00	58.27 -8.32 0.00	63.33 -8.64 0.00	59.95 -8.96 0.00	55.03 -7.65 0.00	53.60 -6.62 0.00	49.86 -6.23 0.00	44.85 -5.37 0.00	41.89 -3.40 0.00
GOETHSLN____LBMP 323567	67.99 2.24 0.00	63.57 1.61 0.00	58.54 1.48 0.00	59.10 1.61 0.00	58.13 1.64 0.00	60.52 2.27 0.00	66.52 3.59 0.00	77.25 4.51 0.00	68.29 4.05 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.75 3.66 0.00	53.74 3.52 0.00	54.82 3.92 0.00	58.37 4.07 0.00	64.02 4.47 0.00	71.19 4.60 0.00	77.01 5.04 0.00	73.46 4.55 0.00	66.69 4.01 0.00	63.90 3.67 0.00	59.68 3.59 0.00	53.03 2.81 0.00	47.42 2.13 0.00
GOLAH____69_KV_TB 1_2 80279	63.32 -2.43 0.00	59.54 -2.42 0.00	54.78 -2.28 0.00	54.96 -2.53 0.00	54.06 -2.43 0.00	54.57 -3.67 0.00	57.46 -5.47 0.00	66.27 -6.47 0.00	58.59 -5.65 0.00	53.99 -4.00 0.00	52.54 -3.95 0.00	49.95 -3.13 0.00	46.96 -3.26 0.00	47.24 -3.67 0.00	50.50 -3.80 0.00	55.03 -4.53 0.00	62.67 -3.93 0.00	67.87 -4.10 0.00	64.71 -4.20 0.00	59.10 -3.57 0.00	57.27 -2.95 0.00	53.00 -3.08 0.00	47.46 -2.76 0.00	43.57 -1.72 0.00
GOODYEAR_LAKE_HYD 323669	67.13 1.38 0.00	63.38 1.43 0.00	58.37 1.31 0.00	58.75 1.26 0.00	57.85 1.36 0.00	59.76 1.51 0.00	64.82 1.89 0.00	75.14 2.40 0.00	66.11 1.86 0.00	59.32 1.33 0.00	57.68 1.19 0.00	54.20 1.11 0.00	51.28 1.05 0.00	52.02 1.12 0.00	55.60 1.30 0.00	61.22 1.67 0.00	68.79 2.20 0.00	74.49 2.52 0.00	71.39 2.48 0.00	64.87 2.19 0.00	62.27 2.05 0.00	57.94 1.85 0.00	51.58 1.36 0.00	46.38 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	65.43 -0.33 0.00	61.59 -0.37 0.00	56.72 -0.34 0.00	56.97 -0.52 0.00	55.98 -0.51 0.00	57.37 -0.87 0.00	61.80 -1.13 0.00	71.43 -1.31 0.00	63.09 -1.16 0.00	57.18 -0.81 0.00	55.65 -0.85 0.00	52.50 -0.58 0.00	49.57 -0.65 0.00	50.14 -0.76 0.00	53.65 -0.65 0.00	58.78 -0.77 0.00	66.06 -0.53 0.00	71.68 -0.29 0.00	68.50 -0.41 0.00	62.36 -0.31 0.00	59.98 -0.24 0.00	55.75 -0.34 0.00	49.77 -0.45 0.00	45.06 -0.23 0.00



GOUDEY___7 23579	65.43 -0.33 0.00	61.59 -0.37 0.00	56.72 -0.34 0.00	56.97 -0.52 0.00	55.98 -0.51 0.00	57.37 -0.87 0.00	61.80 -1.13 0.00	71.43 -1.31 0.00	63.09 -1.16 0.00	57.18 -0.81 0.00	55.65 -0.85 0.00	52.50 -0.58 0.00	49.57 -0.65 0.00	50.14 -0.76 0.00	53.65 -0.65 0.00	58.78 -0.77 0.00	66.06 -0.53 0.00	71.68 -0.29 0.00	68.50 -0.41 0.00	62.36 -0.31 0.00	59.98 -0.24 0.00	55.75 -0.34 0.00	49.77 -0.45 0.00	45.06 -0.23 0.00
GOUDEY___8 23580	65.43 -0.33 0.00	61.59 -0.37 0.00	56.72 -0.34 0.00	56.97 -0.52 0.00	55.98 -0.51 0.00	57.37 -0.87 0.00	61.80 -1.13 0.00	71.43 -1.31 0.00	63.09 -1.16 0.00	57.18 -0.81 0.00	55.65 -0.85 0.00	52.50 -0.58 0.00	49.57 -0.65 0.00	50.14 -0.76 0.00	53.65 -0.65 0.00	58.78 -0.77 0.00	66.06 -0.53 0.00	71.68 -0.29 0.00	68.50 -0.41 0.00	62.36 -0.31 0.00	59.98 -0.24 0.00	55.75 -0.34 0.00	49.77 -0.45 0.00	45.06 -0.23 0.00
GOWANUS_GT1_1 24077	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT1_2 24078	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT1_3 24079	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT1_4 24080	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT1_5 24084	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT1_6 24111	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT1_7 24112	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT1_8 24113	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT2_1 24114	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT2_2 24115	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT2_3 24116	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT2_4 24117	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT2_5 24118	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00



GOWANUS_GT2_6 24119	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT2_7 24120	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT2_8 24121	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT3_1 24122	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT3_2 24123	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT3_3 24124	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT3_4 24125	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT3_5 24126	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT3_6 24127	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT3_7 24128	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT3_8 24129	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
GOWANUS_GT4_1 24130	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT4_2 24131	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT4_3 24132	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT4_4 24133	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00



GOWANUS_GT4_5 24134	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT4_6 24135	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT4_7 24136	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GOWANUS_GT4_8 24137	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GREATVR_69_KV_BK1 356245	69.96 4.21 0.00	65.55 3.59 0.00	59.97 2.91 0.00	60.59 3.10 0.00	60.05 3.56 0.00	62.61 4.37 0.00	69.29 6.36 0.00	79.21 6.47 0.00	70.35 6.10 0.00	62.57 4.58 0.00	61.58 5.08 0.00	57.97 4.88 0.00	55.04 4.82 0.00	56.71 5.80 0.00	60.62 6.30 -0.02	68.64 6.79 -2.30	83.63 7.66 -9.38	89.58 8.28 -9.34	89.51 7.72 -12.88	83.32 6.89 -13.75	73.16 6.62 -6.31	65.60 6.23 -3.28	55.54 5.32 0.00	49.64 4.35 0.00
GREENBSH_115KV_TB3 55895	67.53 1.78 0.00	63.51 1.55 0.00	58.49 1.43 0.00	59.04 1.55 0.00	58.07 1.58 0.00	60.05 1.81 0.00	64.63 1.70 0.00	74.05 1.31 0.00	65.53 1.28 0.00	59.03 1.04 0.00	57.63 1.13 0.00	54.09 1.01 0.00	51.18 0.95 0.00	51.97 1.07 0.00	55.50 1.19 0.00	60.92 1.37 0.00	67.99 1.40 0.00	73.34 1.37 0.00	70.36 1.45 0.00	64.06 1.38 0.00	61.49 1.26 0.00	57.38 1.29 0.00	51.58 1.36 0.00	46.74 1.45 0.00
GREENDGE_115KV_TB5 80291	64.24 -1.51 0.00	60.29 -1.67 0.00	56.09 -0.97 0.00	56.11 -1.38 0.00	55.13 -1.36 0.00	56.26 -1.98 0.00	59.85 -3.08 0.00	69.25 -3.49 0.00	61.03 -3.21 0.00	55.90 -2.09 0.00	54.24 -2.26 0.00	51.49 -1.59 0.00	48.56 -1.66 0.00	49.02 -1.88 0.00	52.51 -1.79 0.00	57.41 -2.14 0.00	63.93 -2.66 0.00	69.67 -2.30 0.00	66.50 -2.41 0.00	60.61 -2.07 0.00	58.66 -1.57 0.00	54.68 -1.40 0.00	49.01 -1.21 0.00	44.34 -0.95 0.00
GREENIDGE___3 23582	64.24 -1.51 0.00	60.29 -1.67 0.00	56.09 -0.97 0.00	56.11 -1.38 0.00	55.13 -1.36 0.00	56.26 -1.98 0.00	59.85 -3.08 0.00	69.25 -3.49 0.00	61.03 -3.21 0.00	55.90 -2.09 0.00	54.24 -2.26 0.00	51.49 -1.59 0.00	48.56 -1.66 0.00	49.02 -1.88 0.00	52.51 -1.79 0.00	57.41 -2.14 0.00	63.93 -2.66 0.00	69.67 -2.30 0.00	66.50 -2.41 0.00	60.61 -2.07 0.00	58.66 -1.57 0.00	54.68 -1.40 0.00	49.01 -1.21 0.00	44.34 -0.95 0.00
GREENIDGE___4 23583	64.37 -1.38 0.00	60.35 -1.61 0.00	56.09 -0.97 0.00	56.11 -1.38 0.00	55.13 -1.36 0.00	56.26 -1.98 0.00	60.23 -2.70 0.00	69.47 -3.27 0.00	61.23 -3.02 0.00	56.08 -1.91 0.00	54.29 -2.20 0.00	51.49 -1.59 0.00	48.66 -1.56 0.00	49.12 -1.78 0.00	52.67 -1.63 0.00	57.71 -1.85 0.00	64.06 -2.53 0.00	69.81 -2.16 0.00	66.85 -2.07 0.00	61.30 -1.38 0.00	59.02 -1.20 0.00	54.69 -1.40 0.00	49.01 -1.21 0.00	44.34 -0.95 0.00
GREENLWN_69_KV_BK 3 55738	68.78 3.02 0.00	64.44 2.48 0.00	58.94 1.88 0.00	59.62 2.13 0.00	58.98 2.49 0.00	61.51 3.26 0.00	67.97 5.03 0.00	77.69 4.95 0.00	68.87 4.63 0.00	61.53 3.54 0.00	60.45 3.95 0.00	56.90 3.82 0.00	53.99 3.77 0.00	55.64 4.73 0.00	59.42 5.10 -0.02	67.27 5.42 -2.30	81.90 5.93 -9.38	87.71 6.41 -9.34	87.72 5.93 -12.88	81.69 5.26 -13.75	71.53 5.00 -6.31	64.14 4.77 -3.28	54.39 4.17 0.00	48.69 3.40 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00
GRISSOM___SOLAR 323813	68.51 2.76 0.00	64.56 2.60 0.00	59.28 2.22 0.00	59.79 2.30 0.00	58.92 2.43 0.00	61.10 2.85 0.00	66.39 3.46 0.00	76.66 3.93 0.00	66.94 2.70 0.00	58.92 0.92 0.00	57.06 0.56 0.00	53.30 0.21 0.00	50.37 0.15 0.00	51.21 0.31 0.00	55.17 0.87 0.00	61.52 1.96 0.00	69.86 3.26 0.00	75.42 3.45 0.00	72.56 3.65 0.00	66.06 3.38 0.00	63.41 3.19 0.00	59.00 2.91 0.00	52.63 2.41 0.00	47.33 2.04 0.00
GROVEVILLE___HYD 323602	68.71 2.96 0.00	64.44 2.48 0.00	59.23 2.17 0.00	59.85 2.36 0.00	58.81 2.32 0.00	61.04 2.80 0.00	66.83 3.90 0.00	77.32 4.58 0.00	68.23 3.98 0.00	61.47 3.48 0.00	60.06 3.56 0.00	56.27 3.18 0.00	53.34 3.11 0.00	54.37 3.46 0.00	57.99 3.69 0.00	63.78 4.23 0.00	71.19 4.60 0.00	77.01 5.04 0.00	73.60 4.69 0.00	66.81 4.14 0.00	64.14 3.91 0.00	59.84 3.76 0.00	53.23 3.01 0.00	47.65 2.36 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	64.90 -0.85 0.00	61.09 -0.87 0.00	56.26 -0.80 0.00	56.57 -0.92 0.00	55.64 -0.85 0.00	57.25 -0.99 0.00	61.74 -1.20 0.00	71.50 -1.24 0.00	63.15 -1.09 0.00	57.06 -0.93 0.00	55.48 -1.02 0.00	52.29 -0.80 0.00	49.42 -0.80 0.00	50.04 -0.87 0.00	53.54 -0.76 0.00	58.72 -0.83 0.00	65.80 -0.80 0.00	71.32 -0.65 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.53 -0.56 0.00	49.67 -0.55 0.00	44.84 -0.45 0.00
HAMLTNNY_34_KV_TB 80303	65.03 -0.72 0.00	61.15 -0.81 0.00	56.32 -0.74 0.00	56.63 -0.86 0.00	55.70 -0.79 0.00	57.25 -0.99 0.00	61.74 -1.20 0.00	71.50 -1.24 0.00	63.09 -1.16 0.00	57.06 -0.93 0.00	55.48 -1.02 0.00	52.29 -0.80 0.00	49.42 -0.80 0.00	50.04 -0.87 0.00	53.54 -0.76 0.00	58.72 -0.83 0.00	65.86 -0.73 0.00	71.39 -0.58 0.00	68.36 -0.55 0.00	62.24 -0.44 0.00	59.80 -0.42 0.00	55.58 -0.50 0.00	49.72 -0.50 0.00	44.88 -0.41 0.00



HAMPSHIRE___PAPER_HYD 323593	66.94 1.18 0.00	63.44 1.48 0.00	58.43 1.37 0.00	58.58 1.09 0.00	57.45 0.96 0.00	59.00 0.76 0.00	63.93 1.00 0.00	74.05 1.31 0.00	65.27 1.02 0.00	58.69 0.70 0.00	57.23 0.73 0.00	53.67 0.58 0.00	50.87 0.65 0.00	51.41 0.51 0.00	54.84 0.54 0.00	60.03 0.47 0.00	66.53 -0.07 0.00	71.68 -0.29 0.00	68.84 -0.07 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	56.03 -0.06 0.00	50.82 0.60 0.00	45.84 0.55 0.00
HARDSCRABBLE_WT_PWR 323673	68.91 3.16 0.00	65.12 3.16 0.00	60.08 3.02 0.00	60.59 3.10 0.00	59.60 3.10 0.00	61.33 3.08 0.00	66.01 3.08 0.00	75.86 3.13 0.00	66.69 2.44 0.00	60.08 2.08 0.00	58.53 2.03 0.00	54.99 1.91 0.00	52.03 1.81 0.00	52.79 1.88 0.00	56.25 1.95 0.00	61.58 2.03 0.00	68.73 2.13 0.00	74.13 2.16 0.00	70.98 2.07 0.00	64.50 1.82 0.00	61.91 1.68 0.00	57.83 1.74 0.00	51.78 1.56 0.00	46.65 1.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	68.06 2.30 0.00	63.82 1.86 0.00	58.66 1.60 0.00	59.27 1.78 0.00	58.24 1.75 0.00	60.52 2.27 0.00	66.20 3.27 0.00	76.74 4.00 0.00	67.71 3.47 0.00	61.06 3.07 0.00	59.72 3.22 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.67 3.37 0.00	63.36 3.81 0.00	70.66 4.06 0.00	76.50 4.53 0.00	73.11 4.20 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.40 3.31 0.00	52.83 2.61 0.00	47.33 2.04 0.00
HARSNRAD_115KV_TB1 81005	60.49 -5.26 0.00	56.94 -5.02 0.00	52.38 -4.68 0.00	52.72 -4.77 0.00	51.52 -4.97 0.00	51.08 -7.16 0.00	52.92 -10.01 0.00	60.66 -12.07 0.00	53.97 -10.28 0.00	50.63 -7.36 0.00	49.77 -6.72 0.00	47.77 -5.31 0.00	44.75 -5.47 0.00	44.74 -6.16 0.00	47.84 -6.46 0.00	51.51 -8.04 0.00	59.34 -7.26 0.00	64.48 -7.48 0.00	61.12 -7.79 0.00	56.03 -6.64 0.00	54.56 -5.66 0.00	50.65 -5.44 0.00	45.55 -4.67 0.00	42.17 -3.13 0.00
HARZA MOOSE___RIVER 24016	67.33 1.58 0.00	63.57 1.61 0.00	58.60 1.54 0.00	58.47 0.98 0.00	57.56 1.07 0.00	59.41 1.16 0.00	64.38 1.45 0.00	74.56 1.82 0.00	65.72 1.48 0.00	58.92 0.93 0.00	57.35 0.85 0.00	53.77 0.69 0.00	50.93 0.70 0.00	51.62 0.71 0.00	55.17 0.87 0.00	60.62 1.07 0.00	67.66 1.07 0.00	73.12 1.15 0.00	70.22 1.31 0.00	63.87 1.19 0.00	61.31 1.08 0.00	57.04 0.95 0.00	51.17 0.95 0.00	46.06 0.77 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	64.31 -1.45 0.00	60.53 -1.43 0.00	55.75 -1.31 0.00	56.11 -1.38 0.00	55.19 -1.30 0.00	56.73 -1.51 0.00	61.17 -1.76 0.00	70.85 -1.89 0.00	62.58 -1.67 0.00	56.54 -1.45 0.00	55.03 -1.47 0.00	51.86 -1.22 0.00	49.02 -1.21 0.00	49.63 -1.27 0.00	53.11 -1.19 0.00	58.18 -1.37 0.00	65.26 -1.33 0.00	70.67 -1.30 0.00	67.67 -1.24 0.00	61.55 -1.13 0.00	59.14 -1.08 0.00	55.02 -1.07 0.00	49.27 -0.95 0.00	44.52 -0.77 0.00
HELLGATE_13_KV_LD 55870	69.11 3.35 0.00	64.44 2.48 0.00	59.51 2.45 0.00	60.08 2.59 0.00	59.03 2.54 0.00	61.39 3.15 0.00	67.46 4.53 0.00	78.27 5.53 0.00	69.19 4.95 0.00	62.63 4.64 0.00	61.30 4.80 0.00	57.49 4.41 0.00	54.44 4.22 0.00	55.59 4.68 0.00	59.19 4.89 0.00	64.85 5.30 0.00	72.26 5.66 0.00	78.16 6.19 0.00	74.63 5.72 0.00	67.69 5.01 0.00	64.92 4.70 0.00	60.57 4.49 0.00	53.79 3.57 0.00	48.14 2.85 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	69.11 3.35 0.00	64.44 2.48 0.00	59.51 2.45 0.00	60.08 2.59 0.00	59.03 2.54 0.00	61.39 3.15 0.00	67.46 4.53 0.00	78.27 5.53 0.00	69.19 4.95 0.00	62.63 4.64 0.00	61.30 4.80 0.00	57.49 4.41 0.00	54.44 4.22 0.00	55.59 4.68 0.00	59.19 4.89 0.00	64.85 5.30 0.00	72.26 5.66 0.00	78.16 6.19 0.00	74.63 5.72 0.00	67.69 5.01 0.00	64.92 4.70 0.00	60.57 4.49 0.00	53.79 3.57 0.00	48.14 2.85 0.00
HEMPSTEAD____ 23647	68.78 3.03 0.00	64.56 2.60 0.00	58.94 1.88 0.00	59.67 2.18 0.00	58.81 2.32 0.00	61.45 3.20 0.00	67.22 4.28 -0.01	77.10 4.36 0.00	68.62 4.37 0.00	61.59 3.60 0.00	60.45 3.95 0.00	56.96 3.87 0.00	53.99 3.77 0.00	55.44 4.53 -0.01	58.93 4.61 -0.02	66.73 4.88 -2.30	81.30 5.33 -9.38	86.99 5.68 -9.34	87.03 5.23 -12.88	81.06 4.64 -13.75	71.11 4.57 -6.31	63.86 4.49 -3.29	54.19 3.97 -0.01	48.47 3.17 -0.01
HICKLING___1 23621	65.16 -0.59 0.00	61.15 -0.81 0.00	56.32 -0.74 0.00	56.17 -1.32 0.00	55.13 -1.36 0.00	56.21 -2.04 0.00	60.35 -2.58 0.00	69.68 -3.06 0.00	61.42 -2.83 0.00	55.90 -2.09 0.00	54.29 -2.20 0.00	51.38 -1.70 0.00	48.46 -1.76 0.00	48.87 -2.04 0.00	52.45 -1.85 0.00	57.29 -2.26 0.00	64.46 -2.13 0.00	70.31 -1.66 0.00	67.05 -1.86 0.00	61.11 -1.57 0.00	58.78 -1.45 0.00	54.57 -1.51 0.00	48.71 -1.51 0.00	44.16 -1.13 0.00
HICKLING___2 23622	65.16 -0.59 0.00	61.15 -0.81 0.00	56.32 -0.74 0.00	56.17 -1.32 0.00	55.13 -1.36 0.00	56.21 -2.04 0.00	60.35 -2.58 0.00	69.68 -3.06 0.00	61.42 -2.83 0.00	55.90 -2.09 0.00	54.29 -2.20 0.00	51.38 -1.70 0.00	48.46 -1.76 0.00	48.87 -2.04 0.00	52.45 -1.85 0.00	57.29 -2.26 0.00	64.46 -2.13 0.00	70.31 -1.66 0.00	67.05 -1.86 0.00	61.11 -1.57 0.00	58.78 -1.45 0.00	54.57 -1.51 0.00	48.71 -1.51 0.00	44.16 -1.13 0.00
HIGH FALLS___HY 23754	68.84 3.09 0.00	64.62 2.66 0.00	59.40 2.34 0.00	59.96 2.47 0.00	58.98 2.49 0.00	61.33 3.09 0.00	67.27 4.34 0.00	77.98 5.24 0.00	68.74 4.50 0.00	61.82 3.83 0.00	60.34 3.84 0.00	56.53 3.45 0.00	53.59 3.36 0.00	54.62 3.72 0.00	58.26 3.96 0.00	64.14 4.59 0.00	71.72 5.13 0.00	77.73 5.76 0.00	74.22 5.31 0.00	67.32 4.64 0.00	64.68 4.46 0.00	60.29 4.21 0.00	53.43 3.21 0.00	47.78 2.49 0.00
HIGH_RIVER___SOLAR 323847	68.05 2.30 0.00	64.13 2.17 0.00	58.94 1.88 0.00	59.44 1.96 0.00	58.52 2.03 0.00	60.69 2.45 0.00	65.89 2.96 0.00	76.02 3.28 0.00	66.30 2.06 0.00	58.63 0.64 0.00	56.95 0.45 0.00	53.30 0.21 0.00	50.37 0.15 0.00	51.16 0.26 0.00	54.84 0.54 0.00	60.98 1.43 0.00	69.46 2.86 0.00	74.99 3.02 0.00	72.08 3.17 0.00	65.56 2.88 0.00	62.93 2.71 0.00	58.55 2.47 0.00	52.23 2.01 0.00	47.01 1.72 0.00
HILLBURN___GT 23639	67.79 2.04 0.00	63.51 1.55 0.00	58.43 1.37 0.00	59.04 1.55 0.00	57.96 1.47 0.00	60.28 2.04 0.00	65.64 2.70 0.00	76.16 3.42 0.00	67.46 3.21 0.00	60.95 2.96 0.00	59.66 3.16 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.61 3.31 0.00	63.07 3.51 0.00	70.46 3.86 0.00	76.07 4.10 0.00	72.70 3.79 0.00	66.00 3.32 0.00	63.53 3.31 0.00	59.34 3.25 0.00	52.88 2.66 0.00	47.28 1.99 0.00
HILLSIDE_115KV_TB1 80332	64.11 -1.64 0.00	60.16 -1.80 0.00	55.46 -1.60 0.00	55.48 -2.01 0.00	54.46 -2.03 0.00	55.56 -2.68 0.00	59.66 -3.27 0.00	68.81 -3.93 0.00	60.71 -3.53 0.00	55.32 -2.67 0.00	53.84 -2.66 0.00	51.01 -2.07 0.00	48.06 -2.16 0.00	48.46 -2.44 0.00	51.97 -2.33 0.00	56.69 -2.86 0.00	63.86 -2.73 0.00	69.59 -2.37 0.00	66.29 -2.62 0.00	60.48 -2.19 0.00	58.24 -1.99 0.00	54.07 -2.02 0.00	48.26 -1.96 0.00	43.84 -1.45 0.00



HISHELDN_WT_PWR 323625	61.74 -4.01 0.00	57.99 -3.97 0.00	53.29 -3.77 0.00	53.29 -4.19 0.00	52.19 -4.30 0.00	51.95 -6.29 0.00	55.88 -7.05 0.00	62.99 -9.75 0.00	55.96 -8.29 0.00	52.19 -5.80 0.00	50.68 -5.82 0.00	48.25 -4.83 0.00	45.55 -4.67 0.00	45.56 -5.34 0.00	49.03 -5.27 0.00	53.36 -6.19 0.00	60.33 -6.26 0.00	66.00 -5.97 0.00	62.85 -6.06 0.00	57.60 -5.07 0.00	55.10 -5.12 0.00	51.10 -4.99 0.00	45.90 -4.32 0.00	42.44 -2.85 0.00
HOLTSVILLE_IC_1 23690	68.97 3.22 0.00	64.99 3.04 0.00	59.11 2.05 0.00	59.96 2.47 0.00	59.15 2.66 0.00	62.15 3.90 0.00	68.03 5.10 -0.01	77.69 4.95 0.00	69.26 5.01 0.00	61.71 3.71 0.00	60.62 4.12 0.00	57.17 4.09 0.00	54.29 4.07 0.00	55.95 5.04 -0.01	59.64 5.32 -0.02	67.44 5.60 -2.30	82.43 6.46 -9.38	88.00 6.69 -9.34	88.00 6.20 -12.88	82.00 5.58 -13.75	72.19 5.66 -6.31	64.76 5.38 -3.28	54.90 4.67 -0.01	49.06 3.76 -0.01
HOLTSVILLE_IC_10 23699	69.30 3.55 0.00	65.24 3.28 0.00	59.34 2.28 0.00	60.19 2.70 0.00	59.43 2.94 0.00	62.49 4.25 0.00	68.35 5.41 -0.01	78.05 5.31 0.00	69.64 5.40 0.00	61.99 4.00 0.00	60.96 4.46 0.00	57.44 4.35 0.00	54.59 4.37 0.00	56.26 5.34 -0.01	59.97 5.65 -0.02	67.80 5.95 -2.30	82.90 6.93 -9.38	88.50 7.20 -9.34	88.48 6.68 -12.88	82.44 6.02 -13.75	72.61 6.08 -6.31	65.09 5.72 -3.28	55.20 4.97 -0.01	49.29 3.99 -0.01
HOLTSVILLE_IC_2 23691	68.97 3.22 0.00	64.99 3.04 0.00	59.11 2.05 0.00	59.96 2.47 0.00	59.15 2.66 0.00	62.15 3.90 0.00	68.03 5.10 -0.01	77.69 4.95 0.00	69.26 5.01 0.00	61.71 3.71 0.00	60.62 4.12 0.00	57.17 4.09 0.00	54.29 4.07 0.00	55.95 5.04 -0.01	59.64 5.32 -0.02	67.44 5.60 -2.30	82.43 6.46 -9.38	88.00 6.69 -9.34	88.00 6.20 -12.88	82.00 5.58 -13.75	72.19 5.66 -6.31	64.76 5.38 -3.28	54.90 4.67 -0.01	49.06 3.76 -0.01
HOLTSVILLE_IC_3 23692	68.97 3.22 0.00	64.99 3.04 0.00	59.11 2.05 0.00	59.96 2.47 0.00	59.15 2.66 0.00	62.15 3.90 0.00	68.03 5.10 -0.01	77.69 4.95 0.00	69.26 5.01 0.00	61.71 3.71 0.00	60.62 4.12 0.00	57.17 4.09 0.00	54.29 4.07 0.00	55.95 5.04 -0.01	59.64 5.32 -0.02	67.44 5.60 -2.30	82.43 6.46 -9.38	88.00 6.69 -9.34	88.00 6.20 -12.88	82.00 5.58 -13.75	72.19 5.66 -6.31	64.76 5.38 -3.28	54.90 4.67 -0.01	49.06 3.76 -0.01
HOLTSVILLE_IC_4 23693	68.97 3.22 0.00	64.99 3.04 0.00	59.11 2.05 0.00	59.96 2.47 0.00	59.15 2.66 0.00	62.15 3.90 0.00	68.03 5.10 -0.01	77.69 4.95 0.00	69.26 5.01 0.00	61.71 3.71 0.00	60.62 4.12 0.00	57.17 4.09 0.00	54.29 4.07 0.00	55.95 5.04 -0.01	59.64 5.32 -0.02	67.44 5.60 -2.30	82.43 6.46 -9.38	88.00 6.69 -9.34	88.00 6.20 -12.88	82.00 5.58 -13.75	72.19 5.66 -6.31	64.76 5.38 -3.28	54.90 4.67 -0.01	49.06 3.76 -0.01
HOLTSVILLE_IC_5 23694	68.97 3.22 0.00	64.99 3.04 0.00	59.11 2.05 0.00	59.96 2.47 0.00	59.15 2.66 0.00	62.15 3.90 0.00	68.03 5.10 -0.01	77.69 4.95 0.00	69.26 5.01 0.00	61.71 3.71 0.00	60.62 4.12 0.00	57.17 4.09 0.00	54.29 4.07 0.00	55.95 5.04 -0.01	59.64 5.32 -0.02	67.44 5.60 -2.30	82.43 6.46 -9.38	88.00 6.69 -9.34	88.00 6.20 -12.88	82.00 5.58 -13.75	72.19 5.66 -6.31	64.76 5.38 -3.28	54.90 4.67 -0.01	49.06 3.76 -0.01
HOLTSVILLE_IC_6 23695	69.30 3.55 0.00	65.24 3.28 0.00	59.34 2.28 0.00	60.19 2.70 0.00	59.43 2.94 0.00	62.49 4.25 0.00	68.35 5.41 -0.01	78.05 5.31 0.00	69.64 5.40 0.00	61.99 4.00 0.00	60.96 4.46 0.00	57.44 4.35 0.00	54.59 4.37 0.00	56.26 5.34 -0.01	59.97 5.65 -0.02	67.80 5.95 -2.30	82.90 6.93 -9.38	88.50 7.20 -9.34	88.48 6.68 -12.88	82.44 6.02 -13.75	72.61 6.08 -6.31	65.09 5.72 -3.28	55.20 4.97 -0.01	49.29 3.99 -0.01
HOLTSVILLE_IC_7 23696	69.30 3.55 0.00	65.24 3.28 0.00	59.34 2.28 0.00	60.19 2.70 0.00	59.43 2.94 0.00	62.49 4.25 0.00	68.35 5.41 -0.01	78.05 5.31 0.00	69.64 5.40 0.00	61.99 4.00 0.00	60.96 4.46 0.00	57.44 4.35 0.00	54.59 4.37 0.00	56.26 5.34 -0.01	59.97 5.65 -0.02	67.80 5.95 -2.30	82.90 6.93 -9.38	88.50 7.20 -9.34	88.48 6.68 -12.88	82.44 6.02 -13.75	72.61 6.08 -6.31	65.09 5.72 -3.28	55.20 4.97 -0.01	49.29 3.99 -0.01
HOLTSVILLE_IC_8 23697	69.30 3.55 0.00	65.24 3.28 0.00	59.34 2.28 0.00	60.19 2.70 0.00	59.43 2.94 0.00	62.49 4.25 0.00	68.35 5.41 -0.01	78.05 5.31 0.00	69.64 5.40 0.00	61.99 4.00 0.00	60.96 4.46 0.00	57.44 4.35 0.00	54.59 4.37 0.00	56.26 5.34 -0.01	59.97 5.65 -0.02	67.80 5.95 -2.30	82.90 6.93 -9.38	88.50 7.20 -9.34	88.48 6.68 -12.88	82.44 6.02 -13.75	72.61 6.08 -6.31	65.09 5.72 -3.28	55.20 4.97 -0.01	49.29 3.99 -0.01
HOLTSVILLE_IC_9 23698	69.30 3.55 0.00	65.24 3.28 0.00	59.34 2.28 0.00	60.19 2.70 0.00	59.43 2.94 0.00	62.49 4.25 0.00	68.35 5.41 -0.01	78.05 5.31 0.00	69.64 5.40 0.00	61.99 4.00 0.00	60.96 4.46 0.00	57.44 4.35 0.00	54.59 4.37 0.00	56.26 5.34 -0.01	59.97 5.65 -0.02	67.80 5.95 -2.30	82.90 6.93 -9.38	88.50 7.20 -9.34	88.48 6.68 -12.88	82.44 6.02 -13.75	72.61 6.08 -6.31	65.09 5.72 -3.28	55.20 4.97 -0.01	49.29 3.99 -0.01
HOMER_HL_115KV_TB2 355744	64.50 -1.25 0.00	60.35 -1.61 0.00	55.63 -1.43 0.00	55.65 -1.84 0.00	54.63 -1.86 0.00	55.16 -3.09 0.00	58.65 -4.28 0.00	67.36 -5.38 0.00	59.56 -4.69 0.00	54.92 -3.07 0.00	53.45 -3.05 0.00	50.96 -2.12 0.00	47.86 -2.36 0.00	48.10 -2.80 0.00	51.53 -2.77 0.00	55.86 -3.69 0.00	63.60 -3.00 0.00	69.45 -2.52 0.00	65.88 -3.03 0.00	60.30 -2.38 0.00	58.17 -2.05 0.00	53.84 -2.24 0.00	48.16 -2.06 0.00	44.25 -1.04 0.00
HOWARD_WT_PWR 323690	65.75 0.00 0.00	61.03 -0.93 0.00	55.86 -1.20 0.00	54.96 -2.53 0.00	53.44 -3.05 0.00	54.17 -4.08 0.00	58.21 -4.72 0.00	66.92 -5.82 0.00	58.72 -5.53 0.00	53.18 -4.81 0.00	51.41 -5.08 0.00	48.62 -4.46 0.00	46.00 -4.22 0.00	46.42 -4.48 0.00	49.90 -4.40 0.00	54.55 -5.00 0.00	61.26 -5.33 0.00	66.79 -5.18 0.00	63.81 -5.10 0.00	58.23 -4.45 0.00	55.77 -4.46 0.00	51.66 -4.43 0.00	46.00 -4.22 0.00	41.26 -4.03 0.00
HQ_GEN_CEDARS 23644	67.07 1.32 0.00	63.45 1.49 0.00	58.49 1.43 0.00	58.93 1.44 0.00	57.79 1.30 0.00	59.41 1.16 0.00	64.13 1.20 0.00	74.12 1.38 0.00	65.53 1.28 0.00	59.15 1.16 0.00	57.51 1.02 0.00	53.88 0.80 0.00	51.13 0.90 0.00	51.72 0.81 0.00	55.01 0.71 0.00	60.15 0.60 0.00	66.99 0.40 0.00	72.26 0.29 0.00	69.19 0.28 0.00	62.99 0.31 0.00	60.52 0.30 0.00	56.37 0.28 0.00	50.82 0.60 0.00	45.88 0.59 0.00
HQ_GEN_CEDARS_PROXY 323590	67.07 1.31 0.00	63.44 1.48 0.00	58.49 1.43 0.00	58.93 1.44 0.00	57.79 1.30 0.00	59.41 1.16 0.00	64.12 1.19 0.00	74.19 1.45 0.00	65.53 1.28 0.00	59.15 1.16 0.00	57.52 1.02 0.00	54.04 0.96 0.00	51.13 0.90 0.00	51.72 0.81 0.00	55.00 0.70 0.00	59.43 0.60 0.72	67.79 0.47 -0.72	72.33 0.36 0.00	69.26 0.35 0.00	62.93 0.25 0.00	60.53 0.30 0.00	56.37 0.28 0.00	50.82 0.60 0.00	45.88 0.59 0.00



HQ_GEN_IMPORT 323601	66.08 0.33 0.00	62.40 0.44 0.00	57.46 0.40 0.00	57.95 0.46 0.00	56.89 0.40 0.00	58.60 0.35 0.00	63.31 0.38 0.00	73.25 0.51 0.00	64.63 0.39 0.00	58.34 0.35 0.00	56.78 0.28 0.00	53.35 0.27 0.00	50.42 0.20 0.00	51.06 0.15 0.00	54.36 0.05 0.00	58.83 0.00 0.72	67.32 0.00 -0.72	71.90 -0.07 0.00	68.84 -0.07 0.00	62.61 -0.06 0.00	60.16 -0.06 0.00	56.03 -0.06 0.00	50.22 0.00 0.00	45.29 0.00 0.00
HQ_GEN_WHEEL 23651	66.08 0.33 0.00	62.40 0.44 0.00	57.46 0.40 0.00	57.95 0.46 0.00	56.89 0.40 0.00	58.60 0.35 0.00	63.31 0.38 0.00	73.25 0.51 0.00	64.63 0.39 0.00	58.34 0.35 0.00	56.78 0.28 0.00	53.35 0.27 0.00	50.42 0.20 0.00	51.06 0.15 0.00	54.36 0.05 0.00	58.83 0.00 0.72	67.32 0.00 -0.72	71.90 -0.07 0.00	68.84 -0.07 0.00	62.61 -0.06 0.00	60.16 -0.06 0.00	56.03 -0.06 0.00	50.22 0.00 0.00	45.29 0.00 0.00
HUDSON AVE_GT_3 23810	68.52 2.76 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.56 2.07 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.96 4.03 0.00	77.69 4.95 0.00	68.68 4.43 0.00	62.17 4.18 0.00	60.85 4.35 0.00	57.06 3.98 0.00	54.04 3.82 0.00	55.13 4.23 0.00	58.70 4.40 0.00	64.38 4.82 0.00	71.66 5.06 0.00	77.51 5.54 0.00	74.01 5.10 0.00	67.13 4.45 0.00	64.38 4.16 0.00	60.13 4.04 0.00	53.43 3.21 0.00	47.78 2.49 0.00
HUDSON AVE_GT_4 23540	68.52 2.76 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.56 2.07 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.96 4.03 0.00	77.69 4.95 0.00	68.68 4.43 0.00	62.17 4.18 0.00	60.85 4.35 0.00	57.06 3.98 0.00	54.04 3.82 0.00	55.13 4.23 0.00	58.70 4.40 0.00	64.38 4.82 0.00	71.66 5.06 0.00	77.51 5.54 0.00	74.01 5.10 0.00	67.13 4.45 0.00	64.38 4.16 0.00	60.13 4.04 0.00	53.43 3.21 0.00	47.78 2.49 0.00
HUDSON AVE_GT_5 23657	68.52 2.76 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.56 2.07 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.96 4.03 0.00	77.69 4.95 0.00	68.68 4.43 0.00	62.17 4.18 0.00	60.85 4.35 0.00	57.06 3.98 0.00	54.04 3.82 0.00	55.13 4.23 0.00	58.70 4.40 0.00	64.38 4.82 0.00	71.66 5.06 0.00	77.51 5.54 0.00	74.01 5.10 0.00	67.13 4.45 0.00	64.38 4.16 0.00	60.13 4.04 0.00	53.43 3.21 0.00	47.78 2.49 0.00
HUDSON_AVE_10 24168	68.32 2.56 0.00	63.88 1.92 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.35 1.86 0.00	60.75 2.50 0.00	66.83 3.90 0.00	77.47 4.73 0.00	68.55 4.30 0.00	62.11 4.12 0.00	60.74 4.24 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.29 5.33 0.00	73.80 4.89 0.00	67.00 4.32 0.00	64.26 4.03 0.00	59.96 3.87 0.00	53.33 3.11 0.00	47.65 2.36 0.00
HUDSON___115KV_TB 4 355613	69.04 3.29 0.00	64.99 3.04 0.00	59.68 2.62 0.00	60.31 2.82 0.00	59.32 2.82 0.00	61.45 3.20 0.00	66.27 3.34 0.00	76.01 3.27 0.00	67.07 2.83 0.00	60.02 2.03 0.00	58.42 1.92 0.00	54.78 1.70 0.00	51.83 1.61 0.00	52.63 1.73 0.00	56.31 2.01 0.00	62.17 2.62 0.00	69.66 3.06 0.00	75.13 3.17 0.00	72.15 3.24 0.00	65.69 3.01 0.00	63.05 2.83 0.00	58.78 2.69 0.00	52.68 2.46 0.00	47.65 2.36 0.00
HUNTER MOUNT___DRP 323613	69.37 3.62 0.00	65.30 3.35 0.00	59.97 2.91 0.00	60.59 3.10 0.00	59.60 3.11 0.00	61.74 3.49 0.00	66.58 3.65 0.00	76.38 3.64 0.00	67.26 3.02 0.00	60.08 2.09 0.00	58.42 1.92 0.00	54.73 1.65 0.00	51.83 1.61 0.00	52.63 1.73 0.00	56.31 2.01 0.00	62.35 2.80 0.00	69.92 3.33 0.00	75.49 3.53 0.00	72.43 3.51 0.00	65.87 3.20 0.00	63.29 3.07 0.00	58.95 2.86 0.00	52.83 2.61 0.00	47.78 2.49 0.00
HUNTINGTON_RES_REC 323705	68.97 3.22 0.00	64.87 2.91 0.00	59.05 2.00 0.00	59.85 2.36 0.00	59.04 2.54 0.00	61.97 3.73 0.00	67.85 4.91 -0.01	77.46 4.73 0.00	69.07 4.82 0.00	61.65 3.66 0.00	60.51 4.01 0.00	57.07 3.98 0.00	54.14 3.92 0.00	55.85 4.94 -0.01	59.53 5.21 -0.02	67.32 5.48 -2.30	82.23 6.26 -9.38	87.92 6.62 -9.34	87.93 6.13 -12.88	81.94 5.52 -13.75	72.01 5.48 -6.31	64.59 5.22 -3.28	54.80 4.57 -0.01	48.92 3.62 -0.01
HUNTLEY___63 23557	61.68 -4.08 0.00	57.56 -4.40 0.00	53.35 -3.71 0.00	53.23 -4.25 0.00	52.42 -4.07 0.00	51.78 -6.47 0.00	53.81 -9.12 0.00	61.61 -11.13 0.00	54.87 -9.38 0.00	51.38 -6.61 0.00	50.17 -6.33 0.00	48.20 -4.88 0.00	45.10 -5.12 0.00	45.15 -5.75 0.00	48.27 -6.03 0.00	51.99 -7.56 0.00	59.80 -6.79 0.00	65.06 -6.91 0.00	61.67 -7.24 0.00	56.54 -6.14 0.00	54.98 -5.24 0.00	51.04 -5.05 0.00	45.90 -4.32 0.00	42.62 -2.67 0.00
HUNTLEY___64 23558	61.68 -4.08 0.00	57.56 -4.40 0.00	53.35 -3.71 0.00	53.23 -4.25 0.00	52.42 -4.07 0.00	51.78 -6.47 0.00	53.81 -9.12 0.00	61.61 -11.13 0.00	54.87 -9.38 0.00	51.38 -6.61 0.00	50.17 -6.33 0.00	48.20 -4.88 0.00	45.10 -5.12 0.00	45.15 -5.75 0.00	48.27 -6.03 0.00	51.99 -7.56 0.00	59.80 -6.79 0.00	65.06 -6.91 0.00	61.67 -7.24 0.00	56.54 -6.14 0.00	54.98 -5.24 0.00	51.04 -5.05 0.00	45.90 -4.32 0.00	42.62 -2.67 0.00
HUNTLEY___65 23559	61.68 -4.08 0.00	57.56 -4.40 0.00	53.35 -3.71 0.00	53.23 -4.25 0.00	52.42 -4.07 0.00	51.78 -6.47 0.00	53.81 -9.12 0.00	61.61 -11.13 0.00	54.87 -9.38 0.00	51.38 -6.61 0.00	50.17 -6.33 0.00	48.20 -4.88 0.00	45.10 -5.12 0.00	45.15 -5.75 0.00	48.27 -6.03 0.00	51.99 -7.56 0.00	59.80 -6.79 0.00	65.06 -6.91 0.00	61.67 -7.24 0.00	56.54 -6.14 0.00	54.98 -5.24 0.00	51.04 -5.05 0.00	45.90 -4.32 0.00	42.62 -2.67 0.00
HUNTLEY___66 23560	61.68 -4.08 0.00	57.56 -4.40 0.00	53.35 -3.71 0.00	53.23 -4.25 0.00	52.42 -4.07 0.00	51.78 -6.47 0.00	53.81 -9.12 0.00	61.61 -11.13 0.00	54.87 -9.38 0.00	51.38 -6.61 0.00	50.17 -6.33 0.00	48.20 -4.88 0.00	45.10 -5.12 0.00	45.15 -5.75 0.00	48.27 -6.03 0.00	51.99 -7.56 0.00	59.80 -6.79 0.00	65.06 -6.91 0.00	61.67 -7.24 0.00	56.54 -6.14 0.00	54.98 -5.24 0.00	51.04 -5.05 0.00	45.90 -4.32 0.00	42.62 -2.67 0.00
HUNTLEY___67 23561	61.35 -4.41 0.00	57.44 -4.52 0.00	53.06 -3.99 0.00	53.12 -4.37 0.00	52.20 -4.29 0.00	51.90 -6.35 0.00	53.93 -9.00 0.00	61.83 -10.91 0.00	54.99 -9.25 0.00	51.44 -6.55 0.00	50.23 -6.27 0.00	48.20 -4.88 0.00	45.15 -5.07 0.00	45.20 -5.70 0.00	48.33 -5.97 0.00	52.05 -7.50 0.00	59.80 -6.79 0.00	65.06 -6.91 0.00	61.67 -7.24 0.00	56.54 -6.14 0.00	54.98 -5.24 0.00	51.04 -5.05 0.00	45.85 -4.37 0.00	42.44 -2.85 0.00
HUNTLEY___68 23562	61.35 -4.41 0.00	57.44 -4.52 0.00	53.06 -3.99 0.00	53.12 -4.37 0.00	52.20 -4.29 0.00	51.90 -6.35 0.00	53.93 -9.00 0.00	61.83 -10.91 0.00	54.99 -9.25 0.00	51.44 -6.55 0.00	50.23 -6.27 0.00	48.20 -4.88 0.00	45.15 -5.07 0.00	45.20 -5.70 0.00	48.33 -5.97 0.00	52.05 -7.50 0.00	59.80 -6.79 0.00	65.06 -6.91 0.00	61.67 -7.24 0.00	56.54 -6.14 0.00	54.98 -5.24 0.00	51.04 -5.05 0.00	45.85 -4.37 0.00	42.44 -2.85 0.00



HYLAND___LFGE 323620	68.19 2.43 0.00	63.69 1.73 0.00	58.26 1.20 0.00	57.95 0.46 0.00	56.89 0.40 0.00	57.72 -0.53 0.00	62.62 -0.31 0.00	72.15 -0.58 0.00	63.09 -1.15 0.00	57.18 -0.81 0.00	55.03 -1.47 0.00	51.81 -1.27 0.00	49.07 -1.15 0.00	49.38 -1.53 0.00	53.32 -0.98 0.00	59.02 -0.54 0.00	67.00 0.40 0.00	73.05 1.08 0.00	70.08 1.17 0.00	63.81 1.13 0.00	61.31 1.09 0.00	56.43 0.34 0.00	50.12 -0.10 0.00	45.52 0.23 0.00
INDECK___CORINTH 23802	68.19 2.43 0.00	64.13 2.17 0.00	59.00 1.94 0.00	59.56 2.07 0.00	58.64 2.15 0.00	60.80 2.56 0.00	65.77 2.83 0.00	75.94 3.20 0.00	67.14 2.89 0.00	59.96 1.97 0.00	58.36 1.86 0.00	54.62 1.54 0.00	51.43 1.20 0.00	52.23 1.32 0.00	55.93 1.63 0.00	61.69 2.14 0.00	69.12 2.53 0.00	74.56 2.59 0.00	71.67 2.76 0.00	65.37 2.69 0.00	62.75 2.53 0.00	58.50 2.41 0.00	52.28 2.06 0.00	48.51 3.22 0.00
INDECK___ILION 23567	67.59 1.84 0.00	63.76 1.80 0.00	58.77 1.71 0.00	59.21 1.72 0.00	58.24 1.75 0.00	60.05 1.81 0.00	64.69 1.76 0.00	74.63 1.89 0.00	65.79 1.54 0.00	59.27 1.28 0.00	57.74 1.24 0.00	54.25 1.17 0.00	51.33 1.10 0.00	52.07 1.17 0.00	55.55 1.25 0.00	60.86 1.31 0.00	67.99 1.40 0.00	73.41 1.44 0.00	70.29 1.38 0.00	63.93 1.25 0.00	61.37 1.14 0.00	57.26 1.18 0.00	51.22 1.00 0.00	46.20 0.91 0.00
INDECK___OLEAN 23982	64.57 -1.18 0.00	60.54 -1.42 0.00	55.57 -1.48 0.00	55.71 -1.78 0.00	54.57 -1.92 0.00	55.16 -3.09 0.00	59.66 -3.28 0.00	67.79 -4.95 0.00	59.94 -4.30 0.00	55.32 -2.67 0.00	53.67 -2.82 0.00	50.96 -2.12 0.00	48.06 -2.16 0.00	48.25 -2.65 0.00	51.86 -2.44 0.00	56.45 -3.10 0.00	64.00 -2.60 0.00	69.95 -2.01 0.00	66.50 -2.41 0.00	60.80 -1.88 0.00	58.17 -2.05 0.00	53.90 -2.19 0.00	48.16 -2.06 0.00	44.25 -1.04 0.00
INDECK___OSWEGO 23783	63.84 -1.91 0.00	60.10 -1.86 0.00	55.35 -1.71 0.00	55.65 -1.84 0.00	54.80 -1.69 0.00	56.38 -1.87 0.00	60.91 -2.02 0.00	70.41 -2.33 0.00	62.19 -2.06 0.00	56.13 -1.86 0.00	54.63 -1.86 0.00	51.44 -1.65 0.00	48.66 -1.56 0.00	49.27 -1.63 0.00	52.72 -1.58 0.00	57.89 -1.67 0.00	64.73 -1.86 0.00	70.10 -1.87 0.00	67.12 -1.79 0.00	61.11 -1.56 0.00	58.60 -1.62 0.00	54.58 -1.51 0.00	48.81 -1.41 0.00	44.07 -1.22 0.00
INDECK___YERKES 23781	61.87 -3.88 0.00	57.87 -4.09 0.00	53.35 -3.71 0.00	53.35 -4.14 0.00	52.48 -4.01 0.00	51.90 -6.35 0.00	55.82 -7.11 0.00	62.78 -9.96 0.00	55.83 -8.41 0.00	52.19 -5.80 0.00	50.68 -5.82 0.00	48.20 -4.88 0.00	45.50 -4.72 0.00	45.51 -5.40 0.00	49.03 -5.27 0.00	53.30 -6.25 0.00	60.33 -6.26 0.00	66.00 -5.97 0.00	62.85 -6.06 0.00	57.60 -5.07 0.00	55.04 -5.18 0.00	51.10 -4.99 0.00	45.95 -4.27 0.00	42.62 -2.67 0.00
INDIAN POINT_GT_1 24139	67.92 2.17 0.00	63.63 1.67 0.00	58.54 1.48 0.00	59.16 1.67 0.00	58.13 1.64 0.00	60.40 2.16 0.00	66.20 3.27 0.00	76.67 3.93 0.00	67.78 3.53 0.00	61.24 3.25 0.00	59.89 3.39 0.00	56.21 3.13 0.00	53.24 3.01 0.00	54.26 3.36 0.00	57.83 3.53 0.00	63.48 3.93 0.00	70.72 4.13 0.00	76.50 4.53 0.00	73.11 4.20 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.40 3.31 0.00	52.88 2.66 0.00	47.33 2.04 0.00
INDIAN POINT_GT_2 23659	67.92 2.17 0.00	63.63 1.67 0.00	58.54 1.48 0.00	59.16 1.67 0.00	58.13 1.64 0.00	60.40 2.16 0.00	66.20 3.27 0.00	76.67 3.93 0.00	67.78 3.53 0.00	61.24 3.25 0.00	59.89 3.39 0.00	56.21 3.13 0.00	53.24 3.01 0.00	54.26 3.36 0.00	57.83 3.53 0.00	63.48 3.93 0.00	70.72 4.13 0.00	76.50 4.53 0.00	73.11 4.20 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.40 3.31 0.00	52.88 2.66 0.00	47.33 2.04 0.00
INDIAN POINT_GT_3 24019	67.92 2.17 0.00	63.63 1.67 0.00	58.54 1.48 0.00	59.16 1.67 0.00	58.13 1.64 0.00	60.40 2.16 0.00	66.20 3.27 0.00	76.67 3.93 0.00	67.78 3.53 0.00	61.24 3.25 0.00	59.89 3.39 0.00	56.21 3.13 0.00	53.24 3.01 0.00	54.26 3.36 0.00	57.83 3.53 0.00	63.48 3.93 0.00	70.72 4.13 0.00	76.50 4.53 0.00	73.11 4.20 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.40 3.31 0.00	52.88 2.66 0.00	47.33 2.04 0.00
INDIAN POINT___2 23530	67.86 2.10 0.00	63.51 1.55 0.00	58.43 1.37 0.00	59.04 1.55 0.00	57.96 1.47 0.00	60.28 2.04 0.00	65.64 2.70 0.00	76.16 3.42 0.00	67.46 3.21 0.00	61.00 3.01 0.00	59.72 3.22 0.00	56.05 2.97 0.00	53.08 2.86 0.00	54.16 3.26 0.00	57.61 3.31 0.00	63.13 3.57 0.00	70.46 3.86 0.00	76.07 4.10 0.00	72.70 3.79 0.00	66.00 3.32 0.00	63.53 3.31 0.00	59.34 3.25 0.00	52.88 2.66 0.00	47.28 1.99 0.00
INDIAN POINT___3 23531	67.86 2.10 0.00	63.57 1.61 0.00	58.49 1.43 0.00	59.10 1.61 0.00	58.07 1.58 0.00	60.28 2.04 0.00	66.08 3.15 0.00	76.59 3.86 0.00	67.65 3.41 0.00	61.12 3.13 0.00	59.83 3.33 0.00	56.11 3.03 0.00	53.13 2.91 0.00	54.21 3.31 0.00	57.72 3.42 0.00	63.36 3.81 0.00	70.59 4.00 0.00	76.36 4.39 0.00	72.98 4.07 0.00	66.19 3.51 0.00	63.53 3.31 0.00	59.34 3.25 0.00	52.78 2.56 0.00	47.28 1.99 0.00
INGHAM_C_115KV_TB7 356103	69.90 4.14 0.00	66.05 4.09 0.00	60.94 3.88 0.00	61.40 3.91 0.00	60.39 3.90 0.00	62.15 3.90 0.00	66.90 3.96 0.00	76.96 4.22 0.00	67.65 3.41 0.00	60.95 2.96 0.00	59.38 2.88 0.00	55.84 2.76 0.00	52.83 2.61 0.00	53.55 2.65 0.00	57.07 2.77 0.00	62.47 2.92 0.00	69.72 3.13 0.00	75.28 3.31 0.00	72.01 3.10 0.00	65.44 2.76 0.00	62.87 2.65 0.00	58.72 2.64 0.00	52.58 2.36 0.00	47.42 2.13 0.00
IP CORINTH___1 23988	68.58 2.83 0.00	64.44 2.48 0.00	59.28 2.23 0.00	59.90 2.41 0.00	58.98 2.49 0.00	61.16 2.91 0.00	66.20 3.27 0.00	76.45 3.71 0.00	67.52 3.28 0.00	60.31 2.32 0.00	58.70 2.20 0.00	54.94 1.86 0.00	51.73 1.51 0.00	52.53 1.63 0.00	56.26 1.95 0.00	62.05 2.50 0.00	69.52 2.93 0.00	74.85 2.88 0.00	72.15 3.24 0.00	65.62 2.95 0.00	63.05 2.83 0.00	58.78 2.69 0.00	53.84 3.62 0.00	48.51 3.22 0.00
IP___TICONDEROGA 23804	72.00 6.25 0.00	67.72 5.76 0.00	62.19 5.14 0.00	62.84 5.35 0.00	61.91 5.42 0.00	64.30 6.06 0.00	69.79 6.86 0.00	80.67 7.93 0.00	71.06 6.81 0.00	62.98 4.99 0.00	61.24 4.75 0.00	57.17 4.09 0.00	53.84 3.62 0.00	54.67 3.77 0.00	58.70 4.40 0.00	65.03 5.48 0.00	73.25 6.66 0.00	78.66 6.69 0.00	76.15 7.24 0.00	69.32 6.64 0.00	66.55 6.32 0.00	61.81 5.72 0.00	56.30 6.08 0.00	50.64 5.34 0.00
ISLIP_RES_REC 323679	69.57 3.81 0.00	65.55 3.59 0.00	59.57 2.51 0.00	60.42 2.93 0.00	59.65 3.16 0.00	62.73 4.49 0.00	68.66 5.73 -0.01	78.42 5.68 0.00	69.96 5.72 0.00	62.22 4.23 0.00	61.18 4.69 0.00	57.70 4.62 0.00	54.84 4.62 0.00	56.51 5.60 -0.01	60.29 5.97 -0.02	68.10 6.25 -2.30	83.30 7.33 -9.38	88.93 7.63 -9.34	88.89 7.10 -12.88	82.82 6.40 -13.75	72.91 6.38 -6.31	65.38 6.00 -3.28	55.40 5.17 -0.01	49.46 4.16 -0.01



JAMAICA__27_KV_LOAD 355505	68.38 2.63 0.00	63.94 1.98 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.35 1.86 0.00	60.92 2.68 0.00	67.27 4.34 0.00	77.83 5.09 0.00	69.00 4.75 0.00	62.86 4.87 0.00	61.07 4.58 0.00	57.22 4.14 0.00	54.14 3.92 0.00	55.33 4.43 0.00	58.81 4.51 0.00	64.61 5.06 0.00	71.79 5.19 0.00	77.65 5.69 0.00	74.22 5.31 0.00	67.63 4.95 0.00	64.80 4.58 0.00	60.35 4.26 0.00	53.79 3.57 0.00	47.92 2.63 0.00
JANIS__SOLAR 323808	68.45 2.70 0.00	64.37 2.41 0.00	59.17 2.11 0.00	59.44 1.96 0.00	58.41 1.92 0.00	59.93 1.69 0.00	65.00 2.07 0.00	75.14 2.40 0.00	66.04 1.80 0.00	59.15 1.16 0.00	57.12 0.62 0.00	53.72 0.64 0.00	50.83 0.60 0.00	51.41 0.51 0.00	55.44 1.14 0.00	61.28 1.73 0.00	68.92 2.33 0.00	74.99 3.02 0.00	72.01 3.10 0.00	65.50 2.82 0.00	62.69 2.47 0.00	58.05 1.96 0.00	51.62 1.40 0.00	46.51 1.22 0.00
JARVIS____ 23743	65.95 0.20 0.00	62.08 0.12 0.00	57.17 0.11 0.00	57.60 0.12 0.00	56.60 0.11 0.00	58.42 0.18 0.00	63.12 0.19 0.00	72.89 0.15 0.00	64.37 0.13 0.00	58.05 0.06 0.00	56.61 0.11 0.00	53.19 0.11 0.00	50.32 0.10 0.00	51.01 0.10 0.00	54.41 0.11 0.00	59.73 0.18 0.00	66.73 0.13 0.00	72.11 0.14 0.00	69.05 0.14 0.00	62.80 0.13 0.00	60.34 0.12 0.00	56.26 0.17 0.00	50.37 0.15 0.00	45.38 0.09 0.00
JENNISON____1 23625	68.52 2.76 0.00	64.50 2.54 0.00	59.40 2.34 0.00	59.56 2.07 0.00	58.58 2.09 0.00	60.17 1.92 0.00	64.94 2.01 0.00	75.21 2.47 0.00	66.11 1.86 0.00	59.32 1.33 0.00	57.46 0.96 0.00	54.09 1.01 0.00	51.08 0.85 0.00	51.77 0.87 0.00	55.93 1.63 0.00	61.64 2.08 0.00	69.32 2.73 0.00	75.28 3.31 0.00	72.15 3.24 0.00	65.69 3.01 0.00	63.05 2.83 0.00	57.99 1.91 0.00	51.58 1.36 0.00	46.47 1.18 0.00
JENNISON____2 23626	68.52 2.76 0.00	64.50 2.54 0.00	59.40 2.34 0.00	59.56 2.07 0.00	58.58 2.09 0.00	60.17 1.92 0.00	64.94 2.01 0.00	75.21 2.47 0.00	66.11 1.86 0.00	59.32 1.33 0.00	57.46 0.96 0.00	54.09 1.01 0.00	51.08 0.85 0.00	51.77 0.87 0.00	55.93 1.63 0.00	61.64 2.08 0.00	69.32 2.73 0.00	75.28 3.31 0.00	72.15 3.24 0.00	65.69 3.01 0.00	63.05 2.83 0.00	57.99 1.91 0.00	51.58 1.36 0.00	46.47 1.18 0.00
JERICOHO_RISE_WT_PWR 323719	66.22 0.46 0.00	62.95 0.99 0.00	58.09 1.03 0.00	58.58 1.09 0.00	57.51 1.02 0.00	59.17 0.93 0.00	63.93 1.00 0.00	74.12 1.38 0.00	65.46 1.22 0.00	58.98 0.98 0.00	57.29 0.79 0.00	53.61 0.53 0.00	50.53 0.30 0.00	50.80 -0.10 0.00	53.86 -0.44 0.00	58.90 -0.65 0.00	65.73 -0.87 0.00	70.89 -1.08 0.00	67.88 -1.03 0.00	61.67 -1.01 0.00	59.26 -0.97 0.00	55.08 -1.01 0.00	49.52 -0.70 0.00	44.56 -0.73 0.00
KATONAH__115KV_46KV_TB4 355592	68.45 2.70 0.00	64.13 2.17 0.00	58.94 1.88 0.00	59.62 2.13 0.00	58.58 2.09 0.00	60.81 2.56 0.00	66.64 3.71 0.00	77.18 4.44 0.00	68.16 3.92 0.00	61.53 3.54 0.00	60.23 3.73 0.00	56.43 3.34 0.00	53.49 3.26 0.00	54.52 3.61 0.00	58.10 3.80 0.00	63.84 4.29 0.00	71.19 4.60 0.00	76.93 4.97 0.00	73.60 4.69 0.00	66.75 4.07 0.00	64.08 3.85 0.00	59.79 3.70 0.00	53.18 2.96 0.00	47.60 2.31 0.00
KCE_NY_1 323755	68.72 2.96 0.00	64.62 2.66 0.00	59.51 2.45 0.00	60.08 2.59 0.00	59.04 2.54 0.00	61.15 2.91 0.00	66.14 3.21 0.00	76.30 3.56 0.00	67.46 3.21 0.00	60.37 2.38 0.00	58.82 2.32 0.00	55.10 2.02 0.00	52.08 1.86 0.00	52.89 1.98 0.00	56.53 2.23 0.00	62.29 2.74 0.00	69.86 3.26 0.00	75.35 3.38 0.00	72.35 3.44 0.00	65.87 3.19 0.00	63.29 3.07 0.00	58.89 2.80 0.00	52.68 2.46 0.00	47.83 2.53 0.00
KCE_NY_6_ESR 323823	62.47 -3.29 0.00	58.61 -3.35 0.00	53.86 -3.19 0.00	53.98 -3.51 0.00	52.93 -3.56 0.00	52.71 -5.53 0.00	56.77 -6.16 0.00	64.01 -8.73 0.00	56.79 -7.45 0.00	52.95 -5.05 0.00	51.36 -5.14 0.00	48.89 -4.19 0.00	46.16 -4.07 0.00	46.17 -4.73 0.00	49.74 -4.56 0.00	54.02 -5.54 0.00	61.14 -5.46 0.00	66.93 -5.04 0.00	63.74 -5.17 0.00	58.35 -4.32 0.00	55.83 -4.39 0.00	51.77 -4.32 0.00	46.50 -3.72 0.00	42.98 -2.31 0.00
KEDC PORT_JEFF_GT2 24210	69.11 3.35 0.00	65.12 3.16 0.00	59.23 2.17 0.00	60.02 2.53 0.00	59.26 2.77 0.00	62.32 4.08 0.00	68.16 5.22 -0.01	77.83 5.09 0.00	69.45 5.20 0.00	61.82 3.83 0.00	60.79 4.29 0.00	57.33 4.25 0.00	54.44 4.22 0.00	56.11 5.19 -0.01	59.80 5.48 -0.02	67.62 5.77 -2.30	82.70 6.72 -9.38	88.28 6.98 -9.34	88.27 6.48 -12.88	82.25 5.83 -13.75	72.44 5.91 -6.31	64.93 5.55 -3.28	55.05 4.82 -0.01	49.15 3.85 -0.01
KEDC PORT_JEFF_GT3 24211	69.11 3.35 0.00	65.12 3.16 0.00	59.23 2.17 0.00	60.02 2.53 0.00	59.26 2.77 0.00	62.32 4.08 0.00	68.16 5.22 -0.01	77.83 5.09 0.00	69.45 5.20 0.00	61.82 3.83 0.00	60.79 4.29 0.00	57.33 4.25 0.00	54.44 4.22 0.00	56.11 5.19 -0.01	59.80 5.48 -0.02	67.62 5.77 -2.30	82.70 6.72 -9.38	88.28 6.98 -9.34	88.27 6.48 -12.88	82.25 5.83 -13.75	72.44 5.91 -6.31	64.93 5.55 -3.28	55.05 4.82 -0.01	49.15 3.85 -0.01
KEDC_GLWD_GT4 24219	68.91 3.16 0.00	64.56 2.60 0.00	59.11 2.05 0.00	59.85 2.36 0.00	58.86 2.37 0.00	61.45 3.20 0.00	67.09 4.15 -0.01	77.32 4.59 0.00	68.74 4.50 0.00	61.88 3.89 0.00	60.74 4.24 0.00	57.12 4.03 0.00	54.14 3.92 0.00	55.44 4.53 -0.01	58.99 4.67 -0.02	66.73 4.88 -2.30	81.37 5.39 -9.38	87.07 5.76 -9.34	87.10 5.31 -12.88	81.13 4.70 -13.75	71.17 4.64 -6.31	63.86 4.49 -3.29	54.04 3.81 -0.01	48.33 3.03 -0.01
KEDC_GLWD_GT5 24220	68.91 3.16 0.00	64.56 2.60 0.00	59.11 2.05 0.00	59.85 2.36 0.00	58.86 2.37 0.00	61.45 3.20 0.00	67.09 4.15 -0.01	77.32 4.59 0.00	68.74 4.50 0.00	61.88 3.89 0.00	60.74 4.24 0.00	57.12 4.03 0.00	54.14 3.92 0.00	55.44 4.53 -0.01	58.99 4.67 -0.02	66.73 4.88 -2.30	81.37 5.39 -9.38	87.07 5.76 -9.34	87.10 5.31 -12.88	81.13 4.70 -13.75	71.17 4.64 -6.31	63.86 4.49 -3.29	54.04 3.81 -0.01	48.33 3.03 -0.01
KENSICO____ 23655	68.19 2.43 0.00	63.88 1.92 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.57 2.33 0.00	66.46 3.52 0.00	76.96 4.22 0.00	68.04 3.79 0.00	61.53 3.54 0.00	60.23 3.73 0.00	56.48 3.40 0.00	53.49 3.26 0.00	54.57 3.67 0.00	58.10 3.80 0.00	63.78 4.23 0.00	71.06 4.46 0.00	76.86 4.89 0.00	73.39 4.48 0.00	66.63 3.95 0.00	63.90 3.67 0.00	59.68 3.59 0.00	53.08 2.86 0.00	47.51 2.22 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	68.91 3.16 0.00	64.69 2.73 0.00	59.46 2.40 0.00	60.02 2.53 0.00	59.03 2.54 0.00	61.33 3.09 0.00	67.15 4.22 0.00	77.83 5.09 0.00	68.55 4.30 0.00	61.64 3.65 0.00	60.11 3.62 0.00	56.37 3.29 0.00	53.44 3.21 0.00	54.47 3.56 0.00	58.05 3.75 0.00	63.96 4.41 0.00	71.59 4.99 0.00	77.51 5.54 0.00	74.08 5.17 0.00	67.19 4.51 0.00	64.50 4.28 0.00	60.18 4.09 0.00	53.38 3.16 0.00	47.78 2.49 0.00



KIAC_JFK_GT1 23816	67.99 2.24 0.00	63.63 1.67 0.00	58.49 1.43 0.00	59.04 1.55 0.00	58.02 1.53 0.00	60.57 2.33 0.00	66.90 3.96 0.00	77.18 4.44 0.00	68.36 4.11 0.00	62.51 4.52 0.00	60.74 4.24 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.48 4.18 0.00	64.26 4.70 0.00	71.12 4.53 0.00	76.93 4.97 0.00	73.53 4.62 0.00	67.19 4.51 0.00	64.44 4.22 0.00	60.01 3.93 0.00	53.48 3.26 0.00	47.65 2.36 0.00
KIAC_JFK_GT2 23817	67.99 2.24 0.00	63.63 1.67 0.00	58.49 1.43 0.00	59.04 1.55 0.00	58.02 1.53 0.00	60.57 2.33 0.00	66.90 3.96 0.00	77.18 4.44 0.00	68.36 4.11 0.00	62.51 4.52 0.00	60.74 4.24 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.48 4.18 0.00	64.26 4.70 0.00	71.12 4.53 0.00	76.93 4.97 0.00	73.53 4.62 0.00	67.19 4.51 0.00	64.44 4.22 0.00	60.01 3.93 0.00	53.48 3.26 0.00	47.65 2.36 0.00
KIAC_JFK____ 323774	67.92 2.17 0.00	63.51 1.55 0.00	58.31 1.25 0.00	58.98 1.49 0.00	57.90 1.41 0.00	60.46 2.21 0.00	66.26 3.33 0.00	76.52 3.78 0.00	68.62 4.37 0.00	62.28 4.29 0.00	60.57 4.07 0.00	56.80 3.71 0.00	53.74 3.51 0.00	54.98 4.07 0.00	58.26 3.96 0.00	63.90 4.35 0.00	70.99 4.39 0.00	76.43 4.46 0.00	73.04 4.13 0.00	66.88 4.20 0.00	64.37 4.15 0.00	60.01 3.92 0.00	53.53 3.31 0.00	47.64 2.35 0.00
KINTIGH__24_KV_GSU 356498	61.15 -4.60 0.00	57.44 -4.52 0.00	52.90 -4.16 0.00	53.12 -4.37 0.00	52.25 -4.24 0.00	52.25 -6.00 0.00	56.13 -6.80 0.00	63.64 -9.09 0.00	56.47 -7.78 0.00	52.42 -5.57 0.00	50.96 -5.53 0.00	48.41 -4.67 0.00	45.70 -4.52 0.00	45.81 -5.09 0.00	49.31 -4.99 0.00	53.72 -5.83 0.00	60.60 -5.99 0.00	66.14 -5.83 0.00	63.05 -5.86 0.00	57.66 -5.02 0.00	55.22 -5.00 0.00	51.26 -4.82 0.00	46.05 -4.17 0.00	42.35 -2.94 0.00
KINTIGH____ 23543	61.02 -4.73 0.00	57.25 -4.71 0.00	52.95 -4.11 0.00	53.06 -4.43 0.00	52.20 -4.29 0.00	52.24 -6.00 0.00	54.56 -8.37 0.00	62.77 -9.97 0.00	55.70 -8.54 0.00	51.84 -6.15 0.00	50.57 -5.93 0.00	48.41 -4.67 0.00	45.40 -4.82 0.00	45.51 -5.40 0.00	48.65 -5.65 0.00	52.64 -6.91 0.00	60.20 -6.39 0.00	65.35 -6.62 0.00	62.09 -6.82 0.00	56.85 -5.83 0.00	55.16 -5.06 0.00	51.26 -4.82 0.00	46.00 -4.22 0.00	42.35 -2.94 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	67.92 2.17 0.00	64.50 2.54 0.00	59.51 2.45 0.00	60.02 2.53 0.00	58.98 2.49 0.00	60.63 2.39 0.00	65.70 2.77 0.00	75.87 3.13 0.00	67.26 3.02 0.00	60.54 2.55 0.00	58.64 2.15 0.00	54.68 1.59 0.00	51.83 1.61 0.00	52.18 1.27 0.00	55.28 0.98 0.00	60.45 0.89 0.00	67.53 0.93 0.00	72.98 1.01 0.00	69.81 0.90 0.00	63.49 0.81 0.00	61.01 0.78 0.00	56.59 0.50 0.00	50.87 0.65 0.00	45.83 0.54 0.00
LACHUTE____HYDRO 323717	72.00 6.25 0.00	67.72 5.76 0.00	62.20 5.14 0.00	62.84 5.35 0.00	61.91 5.42 0.00	64.30 6.06 0.00	69.79 6.86 0.00	80.60 7.86 0.00	71.05 6.81 0.00	62.98 4.99 0.00	61.24 4.75 0.00	57.17 4.09 0.00	53.84 3.62 0.00	54.67 3.77 0.00	58.70 4.40 0.00	65.03 5.48 0.00	73.25 6.66 0.00	78.95 6.98 0.00	76.14 7.23 0.00	69.39 6.71 0.00	66.54 6.32 0.00	61.81 5.72 0.00	55.14 4.92 0.00	50.63 5.34 0.00
LAWRNCV_115KV_TB1 80681	66.87 1.12 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.81 1.32 0.00	57.62 1.13 0.00	59.00 0.76 0.00	63.81 0.88 0.00	73.76 1.02 0.00	65.21 0.96 0.00	58.98 0.99 0.00	57.40 0.90 0.00	53.72 0.64 0.00	51.13 0.90 0.00	51.57 0.66 0.00	54.84 0.54 0.00	59.79 0.24 0.00	66.39 -0.20 0.00	71.46 -0.50 0.00	68.50 -0.41 0.00	62.30 -0.38 0.00	59.86 -0.36 0.00	55.86 -0.22 0.00	50.72 0.50 0.00	45.83 0.54 0.00
LEDERLE____ 23769	67.99 2.24 0.00	63.69 1.73 0.00	58.60 1.54 0.00	59.21 1.72 0.00	58.19 1.69 0.00	60.46 2.21 0.00	66.27 3.34 0.00	76.81 4.07 0.00	67.84 3.60 0.00	61.30 3.31 0.00	59.94 3.45 0.00	56.21 3.13 0.00	53.29 3.06 0.00	54.31 3.41 0.00	57.88 3.58 0.00	63.54 3.99 0.00	70.79 4.20 0.00	76.57 4.61 0.00	73.18 4.27 0.00	66.44 3.76 0.00	63.78 3.55 0.00	59.51 3.42 0.00	52.93 2.71 0.00	47.42 2.13 0.00
LIGHTSE_115KV_TB6 355974	65.36 -0.39 0.00	61.59 -0.37 0.00	56.72 -0.34 0.00	56.91 -0.57 0.00	56.04 -0.45 0.00	57.72 -0.52 0.00	62.36 -0.57 0.00	72.16 -0.58 0.00	63.67 -0.58 0.00	57.24 -0.75 0.00	55.65 -0.85 0.00	52.50 -0.58 0.00	49.67 -0.55 0.00	50.29 -0.61 0.00	53.81 -0.49 0.00	59.14 -0.42 0.00	66.13 -0.47 0.00	71.46 -0.50 0.00	68.43 -0.48 0.00	62.30 -0.38 0.00	59.80 -0.42 0.00	55.81 -0.28 0.00	49.97 -0.25 0.00	45.06 -0.23 0.00
LINDEN COGEN____ 23786	67.92 2.17 0.00	63.44 1.48 0.01	58.31 1.25 0.00	58.98 1.49 0.00	57.90 1.41 0.00	60.34 2.09 0.00	65.89 2.96 0.00	76.52 3.78 0.00	67.91 3.66 0.00	61.47 3.48 0.00	60.23 3.73 0.00	56.53 3.45 0.00	53.59 3.37 0.00	54.72 3.82 0.00	58.10 3.80 0.00	63.54 3.99 0.00	70.79 4.20 0.00	76.43 4.46 0.00	72.91 4.00 0.00	66.19 3.51 0.00	63.77 3.55 0.00	59.67 3.59 0.01	53.07 2.86 0.01	47.37 2.08 0.01
LINDHRST_69_KV_BK1 356055	69.63 3.88 0.00	65.24 3.28 0.00	59.68 2.62 0.00	60.31 2.82 0.00	59.65 3.16 0.00	62.20 3.96 0.00	68.78 5.85 0.00	78.63 5.89 0.00	69.83 5.59 0.00	62.28 4.29 0.00	61.24 4.75 0.00	57.65 4.57 0.00	54.69 4.47 0.00	56.30 5.40 0.00	60.13 5.81 -0.02	68.10 6.25 -2.30	82.90 6.93 -9.38	88.79 7.48 -9.34	88.76 6.96 -12.88	82.63 6.21 -13.75	72.43 5.90 -6.31	64.98 5.61 -3.28	55.14 4.92 0.00	49.32 4.03 0.00
LIPA_MISC_IPP 23656	68.84 3.09 0.00	64.44 2.48 0.00	59.17 2.11 0.00	59.85 2.36 0.00	59.26 2.77 0.00	61.86 3.61 0.00	68.53 5.60 0.00	78.27 5.53 0.00	69.71 5.46 0.00	61.70 3.71 0.00	60.90 4.41 0.00	57.33 4.25 0.00	54.59 4.37 0.00	56.10 5.19 0.00	59.97 5.65 -0.02	67.80 5.96 -2.30	82.97 6.99 -9.38	88.50 7.20 -9.34	88.48 6.68 -12.88	82.50 6.08 -13.75	72.56 6.02 -6.31	65.04 5.66 -3.28	55.04 4.82 0.00	49.19 3.90 0.00
LISF____SOLAR 323691	68.91 3.16 0.00	65.12 3.16 0.00	59.17 2.11 0.00	60.02 2.53 0.00	59.26 2.77 0.00	62.49 4.25 0.00	68.23 5.29 -0.01	77.90 5.17 0.00	69.64 5.40 0.00	61.76 3.77 0.00	60.85 4.35 0.00	57.33 4.25 0.00	54.59 4.37 0.00	56.16 5.24 -0.01	59.91 5.59 -0.02	67.62 5.77 -2.30	82.90 6.93 -9.38	88.28 6.98 -9.34	88.35 6.55 -12.88	82.38 5.96 -13.75	72.68 6.15 -6.31	65.15 5.78 -3.28	55.20 4.97 -0.01	49.29 3.99 -0.01
LITTLE FALLS____HYD 24013	69.90 4.14 0.00	66.05 4.09 0.00	60.94 3.88 0.00	61.40 3.91 0.00	60.39 3.90 0.00	62.15 3.90 0.00	66.90 3.96 0.00	76.96 4.22 0.00	67.65 3.41 0.00	60.95 2.96 0.00	59.38 2.88 0.00	55.84 2.76 0.00	52.83 2.61 0.00	53.55 2.65 0.00	57.07 2.77 0.00	62.47 2.92 0.00	69.72 3.13 0.00	75.28 3.31 0.00	72.01 3.10 0.00	65.44 2.76 0.00	62.87 2.65 0.00	58.72 2.64 0.00	52.58 2.36 0.00	47.42 2.13 0.00



LITTLRIV_115KV_TB1 356100	67.53 1.78 0.00	64.13 2.17 0.00	59.06 2.00 0.00	59.44 1.95 0.00	58.24 1.75 0.00	59.70 1.46 0.00	64.57 1.64 0.00	74.70 1.96 0.00	65.98 1.73 0.00	59.56 1.57 0.00	58.19 1.69 0.00	54.36 1.27 0.00	51.78 1.56 0.00	52.02 1.12 0.00	55.39 1.09 0.00	60.45 0.89 0.00	67.13 0.53 0.00	72.26 0.29 0.00	69.32 0.41 0.00	63.05 0.38 0.00	60.58 0.36 0.00	56.54 0.45 0.00	51.27 1.05 0.00	46.33 1.04 0.00
LI_NEWBRDGE___DRP 323616	68.65 2.89 0.00	64.31 2.35 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.81 2.32 0.00	61.33 3.09 0.00	67.65 4.72 0.00	77.54 4.80 0.00	68.74 4.50 0.00	61.53 3.54 0.00	60.45 3.95 0.00	56.90 3.82 0.00	53.99 3.77 0.00	55.43 4.53 0.00	59.10 4.78 -0.02	66.91 5.06 -2.30	81.44 5.46 -9.38	87.21 5.90 -9.34	87.24 5.44 -12.88	81.25 4.83 -13.75	71.11 4.58 -6.31	63.75 4.37 -3.28	54.14 3.92 0.00	48.46 3.17 0.00
LOCKPORT_115KV_TB60_63_64 80432	60.63 -5.13 0.00	57.19 -4.77 0.00	52.49 -4.56 0.00	52.95 -4.54 0.00	51.63 -4.86 0.00	51.20 -7.05 0.00	53.05 -9.88 0.00	60.88 -11.86 0.00	54.16 -10.09 0.00	50.74 -7.25 0.00	49.77 -6.72 0.00	47.77 -5.31 0.00	44.75 -5.47 0.00	44.74 -6.16 0.00	47.84 -6.46 0.00	51.57 -7.98 0.00	59.40 -7.19 0.00	64.56 -7.41 0.00	61.19 -7.72 0.00	56.10 -6.58 0.00	54.62 -5.60 0.00	50.70 -5.38 0.00	45.55 -4.67 0.00	42.17 -3.13 0.00
LOCKPORT___CC1 323769	60.56 -5.20 0.00	57.25 -4.71 0.00	52.38 -4.68 0.00	52.78 -4.71 0.00	51.52 -4.97 0.00	51.08 -7.17 0.00	54.88 -8.06 0.00	61.83 -10.91 0.00	54.93 -9.32 0.00	51.50 -6.49 0.00	50.22 -6.27 0.00	47.78 -5.31 0.00	45.10 -5.12 0.00	45.10 -5.80 0.00	48.60 -5.70 0.00	52.88 -6.67 0.00	59.80 -6.79 0.00	65.35 -6.62 0.00	62.29 -6.62 0.00	57.10 -5.58 0.00	54.62 -5.60 0.00	50.65 -5.44 0.00	45.55 -4.67 0.00	42.17 -3.12 0.00
LOCKPORT___CC2 323770	60.56 -5.20 0.00	57.25 -4.71 0.00	52.38 -4.68 0.00	52.78 -4.71 0.00	51.52 -4.97 0.00	51.08 -7.17 0.00	54.88 -8.06 0.00	61.83 -10.91 0.00	54.93 -9.32 0.00	51.50 -6.49 0.00	50.22 -6.27 0.00	47.78 -5.31 0.00	45.10 -5.12 0.00	45.10 -5.80 0.00	48.60 -5.70 0.00	52.88 -6.67 0.00	59.80 -6.79 0.00	65.35 -6.62 0.00	62.29 -6.62 0.00	57.10 -5.58 0.00	54.62 -5.60 0.00	50.65 -5.44 0.00	45.55 -4.67 0.00	42.17 -3.12 0.00
LOCKPORT___CC3 323771	60.56 -5.20 0.00	57.25 -4.71 0.00	52.38 -4.68 0.00	52.78 -4.71 0.00	51.52 -4.97 0.00	51.08 -7.17 0.00	54.88 -8.06 0.00	61.83 -10.91 0.00	54.93 -9.32 0.00	51.50 -6.49 0.00	50.22 -6.27 0.00	47.78 -5.31 0.00	45.10 -5.12 0.00	45.10 -5.80 0.00	48.60 -5.70 0.00	52.88 -6.67 0.00	59.80 -6.79 0.00	65.35 -6.62 0.00	62.29 -6.62 0.00	57.10 -5.58 0.00	54.62 -5.60 0.00	50.65 -5.44 0.00	45.55 -4.67 0.00	42.17 -3.12 0.00
LOCUSVLY_69_KV_BK2 55797	69.17 3.42 0.00	64.81 2.85 0.00	59.34 2.28 0.00	60.02 2.53 0.00	59.20 2.71 0.00	61.68 3.44 0.00	67.97 5.03 0.00	78.12 5.38 0.00	69.26 5.01 0.00	62.11 4.12 0.00	61.02 4.52 0.00	57.38 4.30 0.00	54.39 4.17 0.00	55.79 4.89 0.00	59.48 5.16 -0.02	67.39 5.54 -2.30	81.97 5.99 -9.38	87.85 6.55 -9.34	87.86 6.06 -12.88	81.81 5.39 -13.75	71.65 5.12 -6.31	64.25 4.88 -3.29	54.39 4.17 0.00	48.69 3.40 0.00
LONG_LAKE_PHOENIX 24014	64.18 -1.58 0.00	60.35 -1.61 0.00	55.63 -1.43 0.00	55.94 -1.55 0.00	55.02 -1.47 0.00	56.61 -1.63 0.00	61.04 -1.89 0.00	70.70 -2.04 0.00	62.45 -1.80 0.00	56.43 -1.57 0.00	54.86 -1.64 0.00	51.70 -1.38 0.00	48.87 -1.36 0.00	49.48 -1.43 0.00	52.94 -1.36 0.00	58.06 -1.49 0.00	65.06 -1.53 0.00	70.46 -1.51 0.00	67.46 -1.45 0.00	61.36 -1.32 0.00	58.96 -1.26 0.00	54.85 -1.23 0.00	49.07 -1.16 0.00	44.29 -1.00 0.00
LOVETT___3 23632	67.73 1.97 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	60.17 1.92 0.00	65.95 3.02 0.00	76.45 3.71 0.00	67.52 3.28 0.00	61.01 3.02 0.00	59.72 3.22 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.67 3.37 0.00	63.25 3.69 0.00	70.46 3.86 0.00	76.21 4.25 0.00	72.84 3.93 0.00	66.06 3.38 0.00	63.41 3.19 0.00	59.23 3.14 0.00	52.73 2.51 0.00	47.24 1.95 0.00
LOVETT___4 23642	67.73 1.97 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	60.17 1.92 0.00	65.95 3.02 0.00	76.45 3.71 0.00	67.52 3.28 0.00	61.01 3.02 0.00	59.72 3.22 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.67 3.37 0.00	63.25 3.69 0.00	70.46 3.86 0.00	76.21 4.25 0.00	72.84 3.93 0.00	66.06 3.38 0.00	63.41 3.19 0.00	59.23 3.14 0.00	52.73 2.51 0.00	47.24 1.95 0.00
LOVETT___5 23593	67.73 1.97 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	60.17 1.92 0.00	65.95 3.02 0.00	76.45 3.71 0.00	67.52 3.28 0.00	61.01 3.02 0.00	59.72 3.22 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.67 3.37 0.00	63.25 3.69 0.00	70.46 3.86 0.00	76.21 4.25 0.00	72.84 3.93 0.00	66.06 3.38 0.00	63.41 3.19 0.00	59.23 3.14 0.00	52.73 2.51 0.00	47.24 1.95 0.00
LOWER RAQUET___HYD 24057	66.80 1.05 0.00	63.44 1.48 0.00	58.43 1.37 0.00	58.87 1.38 0.00	57.56 1.07 0.00	58.95 0.70 0.00	63.75 0.82 0.00	73.76 1.02 0.00	65.14 0.90 0.00	58.92 0.92 0.00	57.40 0.90 0.00	53.88 0.80 0.00	51.13 0.90 0.00	51.56 0.66 0.00	54.84 0.54 0.00	59.67 0.12 0.00	66.26 -0.33 0.00	71.25 -0.72 0.00	68.29 -0.62 0.00	62.05 -0.63 0.00	59.68 -0.54 0.00	55.75 -0.33 0.00	50.67 0.45 0.00	45.84 0.55 0.00
LOWER___HUDSON 24059	67.99 2.24 0.00	63.88 1.92 0.00	58.88 1.83 0.00	59.44 1.96 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.26 2.33 0.00	75.28 2.54 0.00	66.62 2.38 0.00	59.90 1.91 0.00	58.42 1.92 0.00	54.78 1.70 0.00	51.78 1.56 0.00	52.58 1.68 0.00	56.15 1.85 0.00	61.69 2.14 0.00	69.06 2.47 0.00	74.49 2.52 0.00	71.46 2.55 0.00	65.06 2.38 0.00	62.51 2.29 0.00	58.22 2.13 0.00	52.18 1.96 0.00	47.19 1.90 0.00
LOWVILLE_115KV_TB2 356335	67.53 1.78 0.00	63.76 1.80 0.00	58.77 1.71 0.00	58.35 0.86 0.00	57.45 0.96 0.00	59.29 1.05 0.00	64.32 1.38 0.00	74.49 1.75 0.00	65.59 1.35 0.00	58.74 0.75 0.00	57.18 0.68 0.00	53.61 0.53 0.00	50.77 0.55 0.00	51.46 0.56 0.00	55.01 0.71 0.00	60.51 0.95 0.00	67.39 0.80 0.00	72.76 0.79 0.00	69.94 1.03 0.00	63.62 0.94 0.00	61.07 0.84 0.00	56.82 0.73 0.00	51.07 0.85 0.00	45.97 0.68 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	68.71 2.96 0.00	64.62 2.66 0.00	59.40 2.34 0.00	60.02 2.53 0.00	59.03 2.54 0.00	61.10 2.85 0.00	66.14 3.21 0.00	76.38 3.64 0.00	67.46 3.21 0.00	60.37 2.38 0.00	58.81 2.32 0.00	55.10 2.02 0.00	52.08 1.86 0.00	52.84 1.93 0.00	56.53 2.23 0.00	62.29 2.74 0.00	69.79 3.20 0.00	75.21 3.24 0.00	72.36 3.45 0.00	65.81 3.13 0.00	63.23 3.01 0.00	58.89 2.80 0.00	53.03 2.81 0.00	47.83 2.54 0.00



LUTHERNY_35_KV_BK2 355980	68.71 2.96 0.00	64.69 2.73 0.00	59.46 2.40 0.00	60.08 2.59 0.00	59.09 2.60 0.00	61.16 2.91 0.00	66.20 3.27 0.00	76.45 3.71 0.00	67.52 3.28 0.00	60.43 2.44 0.00	58.87 2.37 0.00	55.15 2.07 0.00	52.08 1.86 0.00	52.89 1.99 0.00	56.58 2.28 0.00	62.35 2.80 0.00	69.86 3.26 0.00	75.28 3.31 0.00	72.43 3.51 0.00	65.87 3.20 0.00	63.29 3.07 0.00	58.89 2.80 0.00	53.08 2.86 0.00	47.83 2.54 0.00
LWR___OSWEGATCHIE_HYD 23850	67.00 1.25 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.52 1.03 0.00	57.45 0.96 0.00	59.00 0.76 0.00	63.94 1.01 0.00	73.98 1.24 0.00	65.27 1.03 0.00	58.69 0.70 0.00	57.18 0.68 0.00	53.56 0.48 0.00	50.87 0.65 0.00	51.41 0.51 0.00	54.84 0.54 0.00	60.03 0.48 0.00	66.46 -0.13 0.00	71.68 -0.29 0.00	68.77 -0.14 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	56.03 -0.06 0.00	50.82 0.60 0.00	45.83 0.54 0.00
LYONS_FALL_HYD 23570	67.33 1.58 0.00	63.57 1.61 0.00	58.54 1.48 0.00	58.52 1.04 0.00	57.56 1.07 0.00	59.41 1.16 0.00	64.44 1.51 0.00	74.56 1.82 0.00	65.72 1.48 0.00	58.98 0.98 0.00	57.35 0.85 0.00	53.83 0.74 0.00	50.92 0.70 0.00	51.62 0.71 0.00	55.17 0.87 0.00	60.68 1.13 0.00	67.66 1.06 0.00	73.12 1.15 0.00	70.29 1.38 0.00	63.87 1.19 0.00	61.31 1.09 0.00	57.04 0.95 0.00	51.17 0.95 0.00	46.06 0.77 0.00
MADISON___COUNTY_LFGE 323628	67.27 1.51 0.00	63.38 1.43 0.00	58.43 1.37 0.00	58.70 1.21 0.00	57.79 1.30 0.00	59.64 1.40 0.00	64.57 1.64 0.00	74.78 2.04 0.00	65.92 1.67 0.00	59.27 1.28 0.00	57.57 1.07 0.00	54.09 1.01 0.00	51.18 0.95 0.00	51.82 0.92 0.00	55.44 1.14 0.00	60.98 1.43 0.00	68.19 1.60 0.00	73.77 1.80 0.00	70.70 1.79 0.00	64.31 1.63 0.00	61.73 1.51 0.00	57.43 1.35 0.00	51.32 1.10 0.00	46.29 1.00 0.00
MALONE___115KV_TB1 356076	67.46 1.71 0.00	64.07 2.11 0.00	59.06 2.00 0.00	59.56 2.07 0.00	58.47 1.98 0.00	60.05 1.81 0.00	65.01 2.08 0.00	75.14 2.40 0.00	66.56 2.31 0.00	60.02 2.03 0.00	58.25 1.75 0.00	54.30 1.22 0.00	51.53 1.31 0.00	51.87 0.97 0.00	55.01 0.71 0.00	60.03 0.48 0.00	66.93 0.33 0.00	72.18 0.22 0.00	69.05 0.14 0.00	62.80 0.13 0.00	60.40 0.18 0.00	56.14 0.06 0.00	50.62 0.40 0.00	45.61 0.32 0.00
MAPLEWOD_115KV_TB3 80458	67.92 2.17 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.95 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.20 2.27 0.00	74.92 2.18 0.00	66.24 1.99 0.00	59.61 1.62 0.00	58.14 1.64 0.00	54.57 1.49 0.00	51.63 1.41 0.00	52.43 1.53 0.00	55.98 1.68 0.00	61.52 1.97 0.00	68.73 2.13 0.00	74.13 2.16 0.00	71.12 2.21 0.00	64.81 2.13 0.00	62.21 1.99 0.00	57.94 1.85 0.00	52.03 1.81 0.00	47.06 1.77 0.00
MAPLE_RIDGE_WT_1 323574	65.56 -0.20 0.00	61.77 -0.19 0.00	56.60 -0.46 0.00	56.68 -0.80 0.00	55.48 -1.02 0.00	57.14 -1.11 0.00	61.61 -1.32 0.00	71.14 -1.60 0.00	62.70 -1.54 0.00	56.43 -1.56 0.00	54.92 -1.58 0.00	51.54 -1.54 0.00	48.76 -1.46 0.00	49.38 -1.53 0.00	52.62 -1.68 0.00	57.71 -1.85 0.00	64.46 -2.13 0.00	69.59 -2.37 0.00	66.70 -2.21 0.00	60.61 -2.07 0.00	58.24 -1.99 0.00	54.24 -1.85 0.00	48.56 -1.66 0.00	43.80 -1.49 0.00
MAPLE_RIDGE_WT_2 323611	65.56 -0.20 0.00	61.77 -0.19 0.00	56.60 -0.46 0.00	56.68 -0.80 0.00	55.48 -1.02 0.00	57.14 -1.11 0.00	61.61 -1.32 0.00	71.14 -1.60 0.00	62.70 -1.54 0.00	56.43 -1.56 0.00	54.92 -1.58 0.00	51.54 -1.54 0.00	48.76 -1.46 0.00	49.38 -1.53 0.00	52.62 -1.68 0.00	57.71 -1.85 0.00	64.46 -2.13 0.00	69.59 -2.37 0.00	66.70 -2.21 0.00	60.61 -2.07 0.00	58.24 -1.99 0.00	54.24 -1.85 0.00	48.56 -1.66 0.00	43.80 -1.49 0.00
MARBLE_RIVER_WT_PWR 323696	66.22 0.46 0.00	62.89 0.93 0.00	58.03 0.97 0.00	58.58 1.09 0.00	57.51 1.02 0.00	59.12 0.87 0.00	63.88 0.95 0.00	73.97 1.24 0.00	65.40 1.16 0.00	58.92 0.92 0.00	57.23 0.73 0.00	53.61 0.53 0.00	50.47 0.25 0.00	50.80 -0.10 0.00	53.86 -0.44 0.00	58.90 -0.65 0.00	65.73 -0.87 0.00	70.89 -1.08 0.00	67.88 -1.03 0.00	61.67 -1.01 0.00	59.26 -0.97 0.00	55.08 -1.01 0.00	49.52 -0.70 0.00	44.56 -0.73 0.00
MARSHVLE_115KV_TB1 80742	67.33 1.58 0.00	63.45 1.49 0.00	58.26 1.20 0.00	58.75 1.26 0.00	57.96 1.47 0.00	60.17 1.92 0.00	65.51 2.58 0.00	75.72 2.98 0.00	65.85 1.61 0.00	57.87 -0.12 0.00	56.10 -0.40 0.00	52.45 -0.64 0.00	49.57 -0.65 0.00	50.29 -0.61 0.00	54.03 -0.27 0.00	60.27 0.71 0.00	68.73 2.13 0.00	74.13 2.16 0.00	71.53 2.62 0.00	65.06 2.38 0.00	62.39 2.17 0.00	58.16 2.08 0.00	51.83 1.61 0.00	46.42 1.13 0.00
MARSH_HILL_WT_PWR 323713	65.69 -0.07 0.00	60.97 -0.99 0.00	55.80 -1.26 0.00	54.85 -2.64 0.00	53.38 -3.11 0.00	54.11 -4.13 0.00	58.15 -4.79 0.00	66.85 -5.89 0.00	58.66 -5.59 0.00	53.12 -4.87 0.00	51.41 -5.08 0.00	48.62 -4.46 0.00	46.00 -4.22 0.00	46.42 -4.48 0.00	49.90 -4.40 0.00	54.55 -5.00 0.00	61.26 -5.33 0.00	66.79 -5.18 0.00	63.81 -5.10 0.00	58.23 -4.45 0.00	55.77 -4.46 0.00	51.66 -4.43 0.00	46.00 -4.22 0.00	41.26 -4.03 0.00
MCINTYRE_115KV_TB2 80467	67.99 2.24 0.00	64.44 2.48 0.00	59.40 2.34 0.00	59.79 2.30 0.00	58.64 2.15 0.00	60.22 1.98 0.00	65.13 2.20 0.00	75.36 2.62 0.00	66.56 2.31 0.00	59.90 1.91 0.00	58.81 2.32 0.00	54.89 1.80 0.00	52.23 2.01 0.00	52.28 1.37 0.00	55.66 1.36 0.00	60.86 1.31 0.00	67.79 1.20 0.00	73.05 1.08 0.00	70.08 1.17 0.00	63.74 1.07 0.00	61.25 1.02 0.00	57.10 1.01 0.00	51.58 1.36 0.00	46.56 1.27 0.00
MECO_____69_KV_BK1 80468	69.37 3.62 0.00	65.43 3.47 0.00	60.03 2.97 0.00	60.54 3.05 0.00	59.71 3.22 0.00	61.97 3.73 0.00	67.46 4.53 0.00	77.90 5.16 0.00	67.91 3.66 0.00	59.61 1.62 0.00	57.68 1.19 0.00	53.88 0.80 0.00	50.93 0.70 0.00	51.72 0.81 0.00	55.77 1.47 0.00	62.23 2.68 0.00	70.86 4.26 0.00	76.29 4.32 0.00	73.73 4.82 0.00	67.13 4.45 0.00	64.38 4.16 0.00	59.84 3.76 0.00	53.38 3.16 0.00	47.87 2.58 0.00
MENANDS___115KV_TB5 355628	67.79 2.04 0.00	63.82 1.86 0.00	58.71 1.65 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.34 2.10 0.00	64.94 2.01 0.00	74.56 1.82 0.00	65.92 1.67 0.00	59.38 1.39 0.00	57.97 1.47 0.00	54.41 1.33 0.00	51.48 1.26 0.00	52.28 1.37 0.00	55.82 1.52 0.00	61.28 1.73 0.00	68.39 1.80 0.00	73.77 1.80 0.00	70.77 1.86 0.00	64.43 1.75 0.00	61.91 1.69 0.00	57.71 1.63 0.00	51.83 1.61 0.00	46.97 1.68 0.00
MG INDUSTRY___DRP 24185	67.86 2.10 0.00	63.88 1.92 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.28 2.04 0.00	64.94 2.01 0.00	74.70 1.96 0.00	65.92 1.67 0.00	59.27 1.28 0.00	57.80 1.30 0.00	54.20 1.11 0.00	51.33 1.10 0.00	52.07 1.17 0.00	55.66 1.36 0.00	61.22 1.67 0.00	68.46 1.86 0.00	73.91 1.94 0.00	70.84 1.93 0.00	64.50 1.82 0.00	61.97 1.75 0.00	57.77 1.68 0.00	51.83 1.61 0.00	46.83 1.54 0.00



MID___OSWEGATCHIE_HYD 23849	67.00 1.25 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.52 1.03 0.00	57.45 0.96 0.00	59.00 0.76 0.00	63.94 1.01 0.00	73.98 1.24 0.00	65.27 1.03 0.00	58.69 0.70 0.00	57.18 0.68 0.00	53.56 0.48 0.00	50.87 0.65 0.00	51.41 0.51 0.00	54.84 0.54 0.00	60.03 0.48 0.00	66.46 -0.13 0.00	71.68 -0.29 0.00	68.77 -0.14 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	56.03 -0.06 0.00	50.82 0.60 0.00	45.83 0.54 0.00
MID___RAQUETTE_HYD 23851	66.81 1.05 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.81 1.32 0.00	57.56 1.07 0.00	58.94 0.70 0.00	63.75 0.82 0.00	73.68 0.95 0.00	65.14 0.90 0.00	58.92 0.93 0.00	57.40 0.90 0.00	53.67 0.58 0.00	51.13 0.90 0.00	51.57 0.66 0.00	54.84 0.54 0.00	59.73 0.18 0.00	66.26 -0.33 0.00	71.25 -0.72 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.75 -0.34 0.00	50.67 0.45 0.00	45.83 0.54 0.00
MILLIKEN___1 23584	66.54 0.79 0.00	62.58 0.62 0.00	57.63 0.57 0.00	57.89 0.40 0.00	56.94 0.45 0.00	58.48 0.23 0.00	63.12 0.19 0.00	73.10 0.36 0.00	64.50 0.26 0.00	58.16 0.17 0.00	56.44 -0.06 0.00	53.19 0.11 0.00	50.27 0.05 0.00	50.85 -0.05 0.00	54.52 0.22 0.00	59.91 0.36 0.00	67.26 0.67 0.00	73.12 1.15 0.00	69.94 1.03 0.00	63.68 1.00 0.00	61.13 0.90 0.00	56.82 0.73 0.00	50.67 0.45 0.00	45.74 0.45 0.00
MILLIKEN___2 23585	66.54 0.79 0.00	62.58 0.62 0.00	57.63 0.57 0.00	57.89 0.40 0.00	56.94 0.45 0.00	58.48 0.23 0.00	63.12 0.19 0.00	73.10 0.36 0.00	64.50 0.26 0.00	58.16 0.17 0.00	56.44 -0.06 0.00	53.19 0.11 0.00	50.27 0.05 0.00	50.85 -0.05 0.00	54.52 0.22 0.00	59.91 0.36 0.00	67.26 0.67 0.00	73.12 1.15 0.00	69.94 1.03 0.00	63.68 1.00 0.00	61.13 0.90 0.00	56.82 0.73 0.00	50.67 0.45 0.00	45.74 0.45 0.00
MILLIKEN___DIESEL 23629	66.54 0.79 0.00	62.58 0.62 0.00	57.63 0.57 0.00	57.89 0.40 0.00	56.94 0.45 0.00	58.48 0.23 0.00	63.12 0.19 0.00	73.10 0.36 0.00	64.50 0.26 0.00	58.16 0.17 0.00	56.44 -0.06 0.00	53.19 0.11 0.00	50.27 0.05 0.00	50.85 -0.05 0.00	54.52 0.22 0.00	59.91 0.36 0.00	67.26 0.67 0.00	73.12 1.15 0.00	69.94 1.03 0.00	63.68 1.00 0.00	61.13 0.90 0.00	56.82 0.73 0.00	50.67 0.45 0.00	45.74 0.45 0.00
MILLSEAT___LFGE 323607	62.33 -3.42 0.00	58.86 -3.10 0.00	53.75 -3.31 0.00	54.21 -3.27 0.00	52.99 -3.50 0.00	52.77 -5.48 0.00	56.83 -6.10 0.00	64.45 -8.29 0.00	56.99 -7.26 0.00	53.06 -4.93 0.00	51.58 -4.92 0.00	49.00 -4.09 0.00	46.25 -3.97 0.00	46.32 -4.58 0.00	49.90 -4.40 0.00	54.61 -4.94 0.00	61.80 -4.80 0.00	67.36 -4.61 0.00	64.29 -4.62 0.00	58.85 -3.83 0.00	56.43 -3.79 0.00	52.16 -3.93 0.00	46.76 -3.46 0.00	43.16 -2.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	67.99 2.24 0.00	63.69 1.73 0.00	58.60 1.54 0.00	59.21 1.72 0.00	58.19 1.69 0.00	60.46 2.21 0.00	66.20 3.27 0.00	76.74 4.00 0.00	67.78 3.53 0.00	61.30 3.31 0.00	59.94 3.45 0.00	56.27 3.18 0.00	53.29 3.06 0.00	54.31 3.41 0.00	57.88 3.58 0.00	63.48 3.93 0.00	70.79 4.20 0.00	76.57 4.61 0.00	73.11 4.20 0.00	66.38 3.70 0.00	63.72 3.49 0.00	59.45 3.37 0.00	52.88 2.66 0.00	47.37 2.08 0.00
MILLWOOD_13_KV_LOAD 356217	68.12 2.37 0.00	63.82 1.86 0.00	58.71 1.65 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.52 2.27 0.00	66.33 3.40 0.00	76.89 4.15 0.00	67.91 3.66 0.00	61.35 3.36 0.00	60.06 3.56 0.00	56.32 3.24 0.00	53.34 3.11 0.00	54.42 3.51 0.00	57.99 3.69 0.00	63.66 4.11 0.00	70.92 4.33 0.00	76.72 4.75 0.00	73.32 4.41 0.00	66.50 3.82 0.00	63.84 3.61 0.00	59.56 3.48 0.00	52.98 2.76 0.00	47.47 2.17 0.00
MODEL_CITY_ENERGY 24167	60.16 -5.59 0.00	57.13 -4.83 0.00	52.09 -4.96 0.00	52.78 -4.71 0.00	51.29 -5.20 0.00	50.79 -7.46 0.00	54.50 -8.43 0.00	61.39 -11.35 0.00	54.54 -9.70 0.00	51.09 -6.90 0.00	49.66 -6.84 0.00	47.30 -5.78 0.00	44.65 -5.58 0.00	44.59 -6.31 0.00	48.06 -6.24 0.00	52.29 -7.27 0.00	59.14 -7.46 0.00	64.63 -7.34 0.00	61.60 -7.31 0.00	56.41 -6.27 0.00	53.96 -6.26 0.00	50.14 -5.95 0.00	45.10 -5.12 0.00	41.76 -3.53 0.00
MODERN_LFGE___ 323580	60.16 -5.59 0.00	57.13 -4.83 0.00	52.09 -4.96 0.00	52.78 -4.71 0.00	51.29 -5.20 0.00	50.79 -7.46 0.00	54.50 -8.43 0.00	61.39 -11.35 0.00	54.54 -9.70 0.00	51.09 -6.90 0.00	49.66 -6.84 0.00	47.30 -5.78 0.00	44.65 -5.58 0.00	44.59 -6.31 0.00	48.06 -6.24 0.00	52.29 -7.27 0.00	59.14 -7.46 0.00	64.63 -7.34 0.00	61.60 -7.31 0.00	56.41 -6.27 0.00	53.96 -6.26 0.00	50.14 -5.95 0.00	45.10 -5.12 0.00	41.76 -3.53 0.00
MOHAWK_PAPER___DRP 24187	67.92 2.17 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.95 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.20 2.27 0.00	74.92 2.18 0.00	66.24 1.99 0.00	59.61 1.62 0.00	58.14 1.64 0.00	54.57 1.49 0.00	51.63 1.41 0.00	52.43 1.53 0.00	55.98 1.68 0.00	61.52 1.97 0.00	68.73 2.13 0.00	74.13 2.16 0.00	71.12 2.21 0.00	64.81 2.13 0.00	62.21 1.99 0.00	57.94 1.85 0.00	52.03 1.81 0.00	47.06 1.77 0.00
MOHICAN___35_KV_115KV_LD 80490	69.17 3.42 0.00	64.99 3.04 0.00	59.80 2.74 0.00	60.42 2.93 0.00	59.48 2.99 0.00	61.62 3.38 0.00	66.77 3.84 0.00	77.18 4.44 0.00	68.10 3.85 0.00	60.77 2.78 0.00	59.15 2.66 0.00	55.31 2.23 0.00	52.18 1.96 0.00	52.99 2.09 0.00	56.74 2.44 0.00	62.65 3.10 0.00	70.19 3.60 0.00	75.57 3.60 0.00	72.84 3.93 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.28 3.20 0.00	54.04 3.82 0.00	48.69 3.40 0.00
MONGAUP___HYD 23641	68.45 2.70 0.00	64.19 2.23 0.00	59.00 1.94 0.00	59.62 2.13 0.00	58.52 2.03 0.00	60.80 2.56 0.00	66.14 3.21 0.00	76.52 3.78 0.00	67.52 3.27 0.00	60.72 2.73 0.00	59.21 2.71 0.00	55.47 2.39 0.00	52.58 2.36 0.00	53.60 2.70 0.00	57.12 2.82 0.00	62.95 3.39 0.00	70.59 4.00 0.00	76.36 4.39 0.00	73.04 4.13 0.00	66.31 3.63 0.00	63.84 3.61 0.00	59.51 3.42 0.00	52.98 2.76 0.00	47.46 2.17 0.00
MONTAUK___DIESEL 23721	70.69 4.93 0.00	66.23 4.28 0.00	60.82 3.77 0.00	61.63 4.14 0.00	61.12 4.63 0.00	63.72 5.47 0.00	70.61 7.68 0.00	80.74 8.00 0.00	71.95 7.71 0.00	63.44 5.45 0.00	62.66 6.16 0.00	58.92 5.84 0.00	56.10 5.88 0.00	57.57 6.67 0.00	61.59 7.28 0.00	69.59 7.74 0.00	85.17 9.19 0.00	90.88 9.57 0.00	90.82 9.03 0.00	84.57 8.15 0.00	74.60 8.07 0.00	66.83 7.46 0.00	56.50 6.28 0.00	50.54 5.25 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	63.65 -2.10 0.00	59.23 -2.73 0.00	54.55 -2.51 0.00	54.50 -2.99 0.00	53.38 -3.11 0.00	53.64 -4.60 0.00	56.76 -6.17 0.00	65.17 -7.56 0.00	57.69 -6.55 0.00	53.47 -4.52 0.00	51.98 -4.52 0.00	49.63 -3.45 0.00	46.56 -3.67 0.00	46.68 -4.23 0.00	49.96 -4.34 0.00	54.01 -5.54 0.00	61.80 -4.79 0.00	67.65 -4.32 0.00	63.60 -5.31 0.00	58.29 -4.39 0.00	56.43 -3.79 0.00	52.22 -3.87 0.00	46.81 -3.41 0.00	43.16 -2.13 0.00



MORRIS RIDGE___SOLAR 323848	65.10 -0.66 0.00	60.60 -1.36 0.00	55.52 -1.54 0.00	54.73 -2.76 0.00	53.44 -3.05 0.00	54.28 -3.96 0.00	58.46 -4.47 0.00	67.21 -5.53 0.00	4.65 -5.14 54.45	4.53 -4.35 49.11	4.57 -4.52 47.40	4.54 -3.98 44.56	4.45 -3.82 41.95	4.52 -4.02 42.36	4.49 -3.96 45.85	4.53 -4.47 50.55	4.60 -4.73 57.26	1.65 -4.53 65.79	4.62 -4.48 59.81	4.63 -3.89 54.16	4.60 -3.86 51.77	4.51 -3.87 47.71	1.45 -3.66 45.10	4.51 -3.26 37.52
MORTIMER_115KV_TB3 55949	63.06 -2.70 0.00	59.23 -2.73 0.00	54.61 -2.45 0.00	54.79 -2.70 0.00	53.89 -2.60 0.00	54.57 -3.67 0.00	57.71 -5.22 0.00	66.70 -6.04 0.00	58.98 -5.27 0.00	54.28 -3.71 0.00	52.83 -3.67 0.00	50.27 -2.81 0.00	47.26 -2.96 0.00	47.60 -3.31 0.00	50.88 -3.42 0.00	55.50 -4.05 0.00	63.07 -3.53 0.00	68.30 -3.67 0.00	65.12 -3.79 0.00	59.42 -3.26 0.00	57.63 -2.59 0.00	53.39 -2.69 0.00	47.76 -2.46 0.00	43.62 -1.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.81 2.56 0.00	66.77 3.84 0.00	77.47 4.73 0.00	68.49 4.24 0.00	61.99 4.00 0.00	60.62 4.12 0.00	56.85 3.77 0.00	53.84 3.62 0.00	54.98 4.07 0.00	58.54 4.24 0.00	64.20 4.65 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.80 4.89 0.00	67.00 4.32 0.00	64.26 4.03 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.69 2.40 0.00
MUNSVILLE_WIND_PWR 323609	70.42 4.67 0.00	66.36 4.40 0.00	60.94 3.88 0.00	61.11 3.62 0.00	59.94 3.45 0.00	61.50 3.26 0.00	66.64 3.71 0.00	76.96 4.22 0.00	67.52 3.27 0.00	60.19 2.20 0.00	58.02 1.53 0.00	54.52 1.43 0.00	51.58 1.36 0.00	52.23 1.32 0.00	56.42 2.12 0.00	62.47 2.92 0.00	70.39 3.79 0.00	76.43 4.46 0.00	73.60 4.69 0.00	66.94 4.26 0.00	64.08 3.86 0.00	59.06 2.97 0.00	52.38 2.16 0.00	47.15 1.86 0.00
N SALMON___HYD 24042	67.40 1.64 0.00	64.07 2.11 0.00	59.05 2.00 0.00	59.56 2.07 0.00	58.47 1.98 0.00	60.05 1.81 0.00	65.00 2.07 0.00	75.28 2.54 0.00	66.55 2.31 0.00	60.02 2.03 0.00	58.25 1.75 0.00	54.62 1.54 0.00	51.53 1.30 0.00	51.87 0.96 0.00	54.95 0.65 0.00	60.03 0.47 0.00	67.00 0.40 0.00	72.26 0.29 0.00	69.12 0.21 0.00	62.80 0.13 0.00	60.40 0.18 0.00	56.14 0.06 0.00	50.62 0.40 0.00	45.61 0.32 0.00
N.AKRON__115KV_KNAPP 355671	62.07 -3.68 0.00	58.49 -3.47 0.00	53.69 -3.37 0.00	54.04 -3.45 0.00	52.82 -3.67 0.00	52.59 -5.65 0.00	54.81 -8.12 0.00	63.14 -9.60 0.00	55.96 -8.29 0.00	52.13 -5.86 0.00	51.02 -5.48 0.00	48.89 -4.19 0.00	45.80 -4.42 0.00	45.92 -4.99 0.00	49.09 -5.21 0.00	53.18 -6.37 0.00	61.13 -5.46 0.00	66.35 -5.61 0.00	63.05 -5.86 0.00	57.73 -4.95 0.00	56.19 -4.03 0.00	52.05 -4.04 0.00	46.65 -3.57 0.00	43.07 -2.22 0.00
N.E_GEN_SANDY PD 24062	67.72 1.97 0.00	63.51 1.55 0.00	58.60 1.54 0.00	59.21 1.72 0.00	70.00 1.92 -11.59	79.80 2.21 -19.34	100.07 2.33 -34.81	123.90 2.47 -48.69	102.55 2.31 -36.00	87.28 1.97 -27.32	62.45 2.03 -3.92	59.59 1.86 -4.65	59.60 1.76 -7.62	70.73 1.88 -17.94	74.10 2.01 -17.79	86.31 2.26 -24.49	109.33 2.53 -40.21	119.90 2.59 -45.34	102.31 2.55 -30.85	97.82 2.38 -32.76	95.47 2.35 -32.90	92.07 2.19 -33.80	76.74 2.01 -24.51	68.91 1.90 -21.72
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	67.79 2.04 0.00	63.51 1.55 0.00	58.49 1.43 0.00	59.04 1.55 0.00	58.02 1.53 0.00	60.28 2.04 0.00	66.08 3.15 0.00	76.59 3.86 0.00	67.65 3.41 0.00	61.12 3.13 0.00	59.77 3.28 0.00	56.11 3.03 0.00	53.13 2.91 0.00	54.16 3.26 0.00	57.72 3.42 0.00	63.36 3.81 0.00	70.59 4.00 0.00	76.36 4.39 0.00	72.98 4.07 0.00	66.19 3.51 0.00	63.53 3.31 0.00	59.34 3.25 0.00	52.78 2.56 0.00	47.28 1.99 0.00
N.QUEENS_27_KV_LOAD 356247	68.84 3.09 0.00	63.94 1.98 0.00	59.04 2.00 0.02	59.60 2.13 0.02	58.56 2.09 0.02	60.91 2.68 0.02	66.94 4.03 0.02	77.67 4.95 0.02	68.73 4.50 0.02	62.38 4.41 0.02	61.06 4.58 0.02	57.26 4.19 0.02	54.22 4.02 0.02	55.37 4.48 0.02	58.79 4.51 0.02	64.36 4.82 0.02	71.71 5.13 0.02	77.57 5.61 0.02	73.99 5.10 0.02	67.17 4.51 0.02	64.42 4.22 0.02	60.13 4.04 0.00	53.43 3.21 0.00	47.96 2.67 0.00
N.TROY___115KV_TB1 355778	67.99 2.24 0.00	63.88 1.92 0.00	58.77 1.71 0.00	59.44 1.95 0.00	58.47 1.98 0.00	60.46 2.21 0.00	65.39 2.45 0.00	75.43 2.69 0.00	66.62 2.38 0.00	59.90 1.91 0.00	58.42 1.92 0.00	54.83 1.75 0.00	51.83 1.61 0.00	52.58 1.68 0.00	56.20 1.90 0.00	61.76 2.20 0.00	69.06 2.46 0.00	74.56 2.59 0.00	71.53 2.62 0.00	65.12 2.44 0.00	62.51 2.29 0.00	58.22 2.13 0.00	52.28 2.06 0.00	47.19 1.90 0.00
NARROWS_GT1_1 24228	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT1_2 24229	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT1_3 24230	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT1_4 24231	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT1_5 24232	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00



NARROWS_GT1_6 24233	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT1_7 24234	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT1_8 24235	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT2_1 24236	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT2_2 24237	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT2_3 24238	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT2_4 24239	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT2_5 24240	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT2_6 24241	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT2_7 24242	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NARROWS_GT2_8 24243	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	69.37 3.62 0.00	65.30 3.35 0.00	59.97 2.91 0.00	60.59 3.10 0.00	59.60 3.11 0.00	61.74 3.49 0.00	66.58 3.65 0.00	76.38 3.64 0.00	67.26 3.02 0.00	60.08 2.09 0.00	58.42 1.92 0.00	54.73 1.65 0.00	51.83 1.61 0.00	52.63 1.73 0.00	56.31 2.01 0.00	62.35 2.80 0.00	69.92 3.33 0.00	75.49 3.53 0.00	72.43 3.51 0.00	65.87 3.20 0.00	63.29 3.07 0.00	58.95 2.86 0.00	52.83 2.61 0.00	47.78 2.49 0.00
NCHELSEA_115KV_TR2 355582	68.58 2.83 0.00	64.31 2.35 0.00	59.17 2.11 0.00	59.79 2.30 0.00	58.69 2.20 0.00	60.98 2.74 0.00	66.71 3.78 0.00	77.25 4.51 0.00	68.16 3.92 0.00	61.41 3.42 0.00	60.00 3.50 0.00	56.21 3.13 0.00	53.29 3.06 0.00	54.31 3.41 0.00	57.88 3.58 0.00	63.72 4.17 0.00	71.12 4.53 0.00	76.93 4.97 0.00	73.53 4.62 0.00	66.69 4.01 0.00	64.08 3.85 0.00	59.73 3.65 0.00	53.13 2.91 0.00	47.60 2.31 0.00
NEG CAPITAL___MECHNVIL 23645	68.78 3.03 0.00	64.68 2.72 0.00	59.57 2.51 0.00	60.13 2.65 0.00	59.15 2.66 0.00	61.21 2.97 0.00	66.20 3.27 0.00	76.45 3.71 0.00	67.58 3.34 0.00	60.54 2.55 0.00	58.98 2.48 0.00	55.26 2.18 0.00	52.23 2.01 0.00	52.99 2.09 0.00	56.69 2.39 0.00	62.41 2.86 0.00	69.99 3.39 0.00	75.49 3.53 0.00	72.49 3.58 0.00	66.00 3.32 0.00	63.41 3.19 0.00	59.00 2.91 0.00	52.78 2.56 0.00	47.83 2.53 0.00
NEG CENTRAL_HIGH_ACRES 23767	62.53 -3.22 0.00	58.80 -3.16 0.00	54.03 -3.03 0.00	54.27 -3.22 0.00	53.44 -3.05 0.00	54.28 -3.96 0.00	58.65 -4.28 0.00	67.36 -5.38 0.00	59.49 -4.75 0.00	54.34 -3.65 0.00	52.77 -3.73 0.00	49.84 -3.24 0.00	47.16 -3.07 0.00	47.49 -3.41 0.00	51.04 -3.26 0.00	56.04 -3.51 0.00	63.00 -3.60 0.00	68.37 -3.60 0.00	65.40 -3.51 0.00	59.67 -3.01 0.00	57.21 -3.01 0.00	53.06 -3.03 0.00	47.41 -2.81 0.00	43.16 -2.13 0.00



NEG CENTRAL___DRP 24199	64.90 -0.85 0.00	60.97 -0.99 0.00	56.37 -0.68 0.00	56.51 -0.98 0.00	55.59 -0.90 0.00	56.96 -1.28 0.00	61.17 -1.76 0.00	70.85 -1.89 0.00	62.51 -1.73 0.00	56.72 -1.28 0.00	55.09 -1.41 0.00	52.07 -1.01 0.00	49.17 -1.05 0.00	49.68 -1.22 0.00	53.21 -1.09 0.00	58.36 -1.19 0.00	65.40 -1.20 0.00	71.03 -0.94 0.00	67.95 -0.96 0.00	61.80 -0.88 0.00	59.56 -0.66 0.00	55.36 -0.73 0.00	49.52 -0.70 0.00	44.75 -0.54 0.00
NEG CENTRAL___INDECK 23768	66.94 1.18 0.00	62.52 0.56 0.00	57.23 0.17 0.00	56.97 -0.52 0.00	55.93 -0.56 0.00	56.67 -1.57 0.00	61.29 -1.64 0.00	70.56 -2.18 0.00	61.94 -2.31 0.00	56.37 -1.62 0.00	54.41 -2.09 0.00	51.33 -1.75 0.00	48.57 -1.66 0.00	48.92 -1.99 0.00	52.72 -1.58 0.00	58.07 -1.49 0.00	65.66 -0.93 0.00	71.54 -0.43 0.00	68.50 -0.41 0.00	62.43 -0.25 0.00	59.92 -0.30 0.00	55.25 -0.84 0.00	49.22 -1.00 0.00	44.66 -0.63 0.00
NEG CENTRAL___SENECA 23627	64.83 -0.92 0.00	60.84 -1.12 0.00	56.37 -0.68 0.00	56.45 -1.03 0.00	55.53 -0.96 0.00	56.79 -1.46 0.00	60.73 -2.20 0.00	70.34 -2.40 0.00	62.00 -2.25 0.00	56.48 -1.51 0.00	54.80 -1.69 0.00	51.91 -1.17 0.00	48.97 -1.26 0.00	49.48 -1.43 0.00	53.05 -1.25 0.00	58.06 -1.49 0.00	65.00 -1.60 0.00	70.67 -1.30 0.00	67.60 -1.31 0.00	61.55 -1.13 0.00	59.38 -0.84 0.00	55.25 -0.84 0.00	49.42 -0.80 0.00	44.70 -0.59 0.00
NEG CENTRAL___STATE_STREET 24147	65.29 -0.46 0.00	61.40 -0.56 0.00	56.60 -0.46 0.00	56.86 -0.63 0.00	55.93 -0.56 0.00	57.49 -0.76 0.00	61.99 -0.94 0.00	71.79 -0.95 0.00	63.35 -0.90 0.00	57.29 -0.70 0.00	55.65 -0.85 0.00	52.45 -0.64 0.00	49.57 -0.65 0.00	50.14 -0.76 0.00	53.70 -0.60 0.00	58.96 -0.60 0.00	66.13 -0.47 0.00	71.75 -0.22 0.00	68.70 -0.21 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	55.86 -0.22 0.00	49.87 -0.35 0.00	45.06 -0.23 0.00
NEG MILLWOOD___DRP 24198	68.84 3.09 0.00	64.50 2.54 0.00	59.28 2.23 0.00	59.96 2.47 0.00	58.92 2.43 0.00	61.16 2.91 0.00	66.96 4.03 0.00	77.54 4.80 0.00	68.49 4.24 0.00	61.70 3.71 0.00	60.34 3.84 0.00	56.53 3.45 0.00	53.59 3.36 0.00	54.62 3.72 0.00	58.21 3.91 0.00	64.08 4.53 0.00	71.46 4.86 0.00	77.29 5.33 0.00	73.94 5.03 0.00	67.06 4.39 0.00	64.38 4.16 0.00	60.07 3.98 0.00	53.38 3.16 0.00	47.78 2.49 0.00
NEG NORTH_FLCN_SEA 23793	67.00 1.25 0.00	63.69 1.73 0.00	58.77 1.71 0.00	59.33 1.84 0.00	58.24 1.75 0.00	59.87 1.63 0.00	64.69 1.76 0.00	74.85 2.11 0.00	66.24 1.99 0.00	59.67 1.68 0.00	57.91 1.41 0.00	54.09 1.01 0.00	51.13 0.90 0.00	51.41 0.51 0.00	54.52 0.22 0.00	59.61 0.06 0.00	66.46 -0.13 0.00	71.75 -0.22 0.00	68.63 -0.28 0.00	62.43 -0.25 0.00	59.98 -0.24 0.00	55.69 -0.39 0.00	50.07 -0.15 0.00	45.11 -0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	66.48 0.72 0.00	63.14 1.18 0.00	58.26 1.20 0.00	58.75 1.26 0.00	57.73 1.24 0.00	59.35 1.11 0.00	64.19 1.26 0.00	74.19 1.45 0.00	65.66 1.41 0.00	59.15 1.16 0.00	57.40 0.90 0.00	53.61 0.53 0.00	50.67 0.45 0.00	50.95 0.05 0.00	54.03 -0.27 0.00	59.08 -0.48 0.00	65.93 -0.67 0.00	71.10 -0.86 0.00	68.08 -0.83 0.00	61.93 -0.75 0.00	59.44 -0.78 0.00	55.25 -0.84 0.00	49.67 -0.55 0.00	44.70 -0.59 0.00
NEG NORTH___ALICE_FALLS 23915	67.92 2.17 0.00	64.50 2.54 0.00	59.51 2.45 0.00	60.02 2.53 0.00	58.98 2.49 0.00	60.63 2.39 0.00	65.70 2.77 0.00	75.87 3.13 0.00	67.26 3.02 0.00	60.54 2.55 0.00	58.64 2.15 0.00	54.68 1.59 0.00	51.83 1.61 0.00	52.18 1.27 0.00	55.28 0.98 0.00	60.45 0.89 0.00	67.53 0.93 0.00	72.98 1.01 0.00	69.81 0.90 0.00	63.49 0.81 0.00	61.01 0.78 0.00	56.59 0.50 0.00	50.87 0.65 0.00	45.83 0.54 0.00
NEG NORTH___LWR_SARANAC 23913	67.92 2.17 0.00	64.50 2.54 0.00	59.51 2.45 0.00	60.02 2.53 0.00	58.98 2.49 0.00	60.63 2.39 0.00	65.70 2.77 0.00	75.87 3.13 0.00	67.26 3.02 0.00	60.54 2.55 0.00	58.64 2.15 0.00	54.68 1.59 0.00	51.83 1.61 0.00	52.18 1.27 0.00	55.28 0.98 0.00	60.45 0.89 0.00	67.53 0.93 0.00	72.98 1.01 0.00	69.81 0.90 0.00	63.49 0.81 0.00	61.01 0.78 0.00	56.59 0.50 0.00	50.87 0.65 0.00	45.83 0.54 0.00
NEG NORTH___PLATTSBURG 23628	67.86 2.10 0.00	64.50 2.54 0.00	59.51 2.45 0.00	60.02 2.53 0.00	58.97 2.48 0.00	60.63 2.39 0.00	65.70 2.77 0.00	76.02 3.28 0.00	67.27 3.02 0.00	60.54 2.55 0.00	58.64 2.15 0.00	54.99 1.91 0.00	51.83 1.61 0.00	52.18 1.27 0.00	55.28 0.98 0.00	60.45 0.89 0.00	67.66 1.06 0.00	73.12 1.15 0.00	69.87 0.96 0.00	63.49 0.81 0.00	61.00 0.78 0.00	56.59 0.50 0.00	50.87 0.65 0.00	45.84 0.55 0.00
NEG WEST_LEA_LOCKPORT 23791	60.49 -5.26 0.00	56.94 -5.02 0.00	52.38 -4.68 0.00	52.72 -4.77 0.00	51.52 -4.97 0.00	51.08 -7.16 0.00	52.92 -10.01 0.00	60.66 -12.07 0.00	53.97 -10.28 0.00	50.63 -7.36 0.00	49.77 -6.72 0.00	47.77 -5.31 0.00	44.75 -5.47 0.00	44.74 -6.16 0.00	47.84 -6.46 0.00	51.51 -8.04 0.00	59.34 -7.26 0.00	64.48 -7.48 0.00	61.12 -7.79 0.00	56.03 -6.64 0.00	54.56 -5.66 0.00	50.65 -5.44 0.00	45.55 -4.67 0.00	42.17 -3.13 0.00
NEG WEST___LANCASTR 23811	63.98 -1.78 0.00	59.91 -2.04 0.00	55.23 -1.83 0.00	55.25 -2.24 0.00	54.23 -2.26 0.00	54.40 -3.84 0.00	57.27 -5.66 0.00	65.68 -7.06 0.00	58.21 -6.04 0.00	54.05 -3.94 0.00	52.66 -3.84 0.00	50.32 -2.76 0.00	47.21 -3.01 0.00	47.39 -3.51 0.00	50.72 -3.58 0.00	54.79 -4.76 0.00	62.67 -3.93 0.00	68.37 -3.60 0.00	64.78 -4.13 0.00	59.36 -3.32 0.00	57.45 -2.77 0.00	53.28 -2.80 0.00	47.71 -2.51 0.00	44.02 -1.27 0.00
NEG_PENN_ALLEGHNY 23528	65.75 0.00 0.00	61.84 -0.12 0.00	56.89 -0.17 0.00	57.20 -0.29 0.00	56.21 -0.28 0.00	57.60 -0.64 0.00	62.30 -0.63 0.00	72.08 -0.66 0.00	63.67 -0.58 0.00	57.70 -0.29 0.00	56.04 -0.45 0.00	52.82 -0.26 0.00	49.97 -0.25 0.00	50.49 -0.41 0.00	54.14 -0.16 0.00	59.37 -0.18 0.00	66.59 0.00 0.00	72.33 0.36 0.00	69.19 0.28 0.00	62.99 0.31 0.00	60.40 0.18 0.00	56.09 0.00 0.00	50.07 -0.15 0.00	45.29 0.00 0.00
NEG___GEN_MONROE 24207	63.32 -2.43 0.00	59.54 -2.42 0.00	54.78 -2.28 0.00	54.96 -2.53 0.00	54.06 -2.43 0.00	54.57 -3.67 0.00	57.46 -5.47 0.00	66.27 -6.47 0.00	58.59 -5.65 0.00	53.99 -4.00 0.00	52.54 -3.95 0.00	49.95 -3.13 0.00	46.96 -3.26 0.00	47.24 -3.67 0.00	50.50 -3.80 0.00	55.03 -4.53 0.00	62.67 -3.93 0.00	67.87 -4.10 0.00	64.71 -4.20 0.00	59.10 -3.57 0.00	57.27 -2.95 0.00	53.00 -3.08 0.00	47.46 -2.76 0.00	43.57 -1.72 0.00
NEPA___ENERGY 23901	63.12 -2.63 0.00	59.05 -2.91 0.00	54.43 -2.62 0.00	54.50 -2.99 0.00	53.44 -3.05 0.00	53.82 -4.43 0.00	56.95 -5.98 0.00	65.47 -7.27 0.00	57.95 -6.30 0.00	53.64 -4.35 0.00	52.26 -4.24 0.00	49.90 -3.18 0.00	46.81 -3.42 0.00	46.98 -3.92 0.00	50.28 -4.02 0.00	54.43 -5.12 0.00	62.13 -4.46 0.00	67.94 -4.03 0.00	64.02 -4.89 0.00	58.67 -4.01 0.00	56.79 -3.43 0.00	52.61 -3.48 0.00	47.06 -3.16 0.00	43.34 -1.95 0.00



NEVERSINK___HYD 23608	68.91 3.16 0.00	64.62 2.66 0.00	59.45 2.40 0.00	60.02 2.53 0.00	58.97 2.48 0.00	61.27 3.03 0.00	66.71 3.78 0.00	77.25 4.51 0.00	68.23 3.98 0.00	61.35 3.36 0.00	59.83 3.33 0.00	56.11 3.02 0.00	53.18 2.96 0.00	54.21 3.31 0.00	57.72 3.42 0.00	63.54 3.99 0.00	71.19 4.59 0.00	76.93 4.96 0.00	73.60 4.69 0.00	66.81 4.14 0.00	64.32 4.10 0.00	60.01 3.92 0.00	53.39 3.17 0.00	47.78 2.49 0.00
NEWKRMKL_115KV_TB1 55635	67.79 2.04 0.00	63.82 1.86 0.00	58.71 1.65 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.34 2.10 0.00	64.82 1.89 0.00	74.27 1.53 0.00	65.72 1.48 0.00	59.15 1.16 0.00	57.80 1.30 0.00	54.25 1.17 0.00	51.33 1.10 0.00	52.13 1.22 0.00	55.66 1.36 0.00	61.10 1.55 0.00	68.19 1.60 0.00	73.48 1.51 0.00	70.50 1.58 0.00	64.24 1.57 0.00	61.67 1.45 0.00	57.49 1.40 0.00	51.78 1.56 0.00	46.92 1.63 0.00
NEWTON___FALLS_HYD 23847	67.00 1.25 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.52 1.03 0.00	57.45 0.96 0.00	59.00 0.76 0.00	63.94 1.01 0.00	73.98 1.24 0.00	65.27 1.03 0.00	58.69 0.70 0.00	57.18 0.68 0.00	53.56 0.48 0.00	50.87 0.65 0.00	51.41 0.51 0.00	54.84 0.54 0.00	60.03 0.48 0.00	66.46 -0.13 0.00	71.68 -0.29 0.00	68.77 -0.14 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	56.03 -0.06 0.00	50.82 0.60 0.00	45.83 0.54 0.00
NGRID_A1_DSASP 323792	60.63 -5.13 0.00	56.07 -5.89 0.00	52.55 -4.51 0.00	51.97 -5.52 0.00	51.69 -4.80 0.00	50.73 -7.51 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.52 -10.73 0.00	50.22 -7.77 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.68 -8.87 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.09 -8.82 0.00	55.16 -7.52 0.00	53.66 -6.56 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
NGRID_A2_DSASP 323793	60.63 -5.13 0.00	56.07 -5.89 0.00	52.55 -4.51 0.00	51.97 -5.52 0.00	51.69 -4.80 0.00	50.73 -7.51 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.52 -10.73 0.00	50.22 -7.77 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.68 -8.87 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.09 -8.82 0.00	55.16 -7.52 0.00	53.66 -6.56 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
NGRID_A4_DSASP 323807	60.63 -5.13 0.00	56.07 -5.89 0.00	52.55 -4.51 0.00	51.97 -5.52 0.00	51.69 -4.80 0.00	50.73 -7.51 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.52 -10.73 0.00	50.22 -7.77 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.68 -8.87 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.09 -8.82 0.00	55.16 -7.52 0.00	53.66 -6.56 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
NIAGARA_115E_LBMP 323715	59.90 -5.85 0.00	56.94 -5.02 0.00	51.87 -5.19 0.00	52.60 -4.89 0.00	51.07 -5.42 0.00	50.50 -7.75 0.00	54.19 -8.75 0.00	60.96 -11.78 0.00	54.22 -10.02 0.00	50.74 -7.25 0.00	49.38 -7.12 0.00	47.03 -6.05 0.00	44.35 -5.88 0.00	44.34 -6.57 0.00	47.78 -6.52 0.00	51.93 -7.62 0.00	58.74 -7.86 0.00	64.19 -7.77 0.00	61.12 -7.79 0.00	56.03 -6.65 0.00	53.60 -6.62 0.00	49.81 -6.28 0.00	44.80 -5.42 0.00	41.49 -3.80 0.00
NIAGARA_115W_LBMP 323714	60.69 -5.06 0.00	56.26 -5.70 0.00	52.55 -4.51 0.00	51.91 -5.58 0.00	51.75 -4.75 0.00	50.67 -7.57 0.00	54.31 -8.62 0.00	61.10 -11.64 0.00	54.35 -9.89 0.00	50.86 -7.14 0.00	49.43 -7.06 0.00	47.08 -6.00 0.00	44.45 -5.77 0.00	44.39 -6.52 0.00	47.84 -6.46 0.00	51.93 -7.62 0.00	58.74 -7.86 0.00	64.19 -7.77 0.00	61.12 -7.79 0.00	56.03 -6.65 0.00	53.60 -6.62 0.00	49.86 -6.23 0.00	44.85 -5.37 0.00	41.89 -3.40 0.00
NIAGARA_230_LBMP 323716	60.62 -5.13 0.00	56.94 -5.02 0.00	52.49 -4.57 0.00	52.60 -4.89 0.00	51.69 -4.80 0.00	51.31 -6.93 0.00	55.00 -7.93 0.00	62.05 -10.69 0.00	55.12 -9.12 0.00	51.50 -6.49 0.00	50.06 -6.44 0.00	47.67 -5.42 0.00	45.00 -5.22 0.00	45.00 -5.90 0.00	48.44 -5.87 0.00	52.65 -6.91 0.00	59.53 -7.06 0.00	65.06 -6.91 0.00	61.95 -6.96 0.00	56.78 -5.89 0.00	54.32 -5.90 0.00	50.48 -5.61 0.00	45.40 -4.82 0.00	42.03 -3.26 0.00
NIAGARA___115KV_198_GIBSON 55903	60.63 -5.13 0.00	55.95 -6.01 0.00	52.55 -4.51 0.00	51.85 -5.63 0.00	51.69 -4.80 0.00	50.61 -7.63 0.00	52.36 -10.57 0.00	59.94 -12.80 0.00	53.39 -10.86 0.00	50.16 -7.83 0.00	48.98 -7.51 0.00	47.08 -6.00 0.00	44.04 -6.18 0.00	44.08 -6.82 0.00	47.08 -7.22 0.00	50.62 -8.93 0.00	58.27 -8.32 0.00	63.33 -8.64 0.00	59.95 -8.96 0.00	55.03 -7.65 0.00	53.60 -6.62 0.00	49.86 -6.23 0.00	44.85 -5.37 0.00	41.89 -3.40 0.00
NIAGARA____ 23760	60.62 -5.13 0.00	56.94 -5.02 0.00	52.49 -4.57 0.00	52.60 -4.89 0.00	51.69 -4.80 0.00	51.31 -6.93 0.00	55.00 -7.93 0.00	62.05 -10.69 0.00	55.12 -9.12 0.00	51.50 -6.49 0.00	50.06 -6.44 0.00	47.67 -5.42 0.00	45.00 -5.22 0.00	45.00 -5.90 0.00	48.44 -5.87 0.00	52.65 -6.91 0.00	59.53 -7.06 0.00	65.06 -6.91 0.00	61.95 -6.96 0.00	56.78 -5.89 0.00	54.32 -5.90 0.00	50.48 -5.61 0.00	45.40 -4.82 0.00	42.03 -3.26 0.00
NINE_MILE_1 23575	63.19 -2.57 0.00	59.54 -2.42 0.00	54.83 -2.23 0.00	55.13 -2.36 0.00	54.29 -2.20 0.00	55.80 -2.44 0.00	60.29 -2.64 0.00	69.69 -3.05 0.00	61.55 -2.70 0.00	55.61 -2.38 0.00	54.18 -2.32 0.00	50.96 -2.12 0.00	48.21 -2.01 0.00	48.81 -2.09 0.00	52.18 -2.12 0.00	57.23 -2.32 0.00	64.06 -2.53 0.00	69.38 -2.59 0.00	66.43 -2.48 0.00	60.42 -2.25 0.00	58.00 -2.23 0.00	53.96 -2.13 0.00	48.31 -1.91 0.00	43.66 -1.63 0.00
NINE_MILE_2 23744	63.19 -2.57 0.00	59.54 -2.42 0.00	54.83 -2.23 0.00	55.13 -2.36 0.00	54.29 -2.20 0.00	55.80 -2.44 0.00	60.29 -2.64 0.00	69.69 -3.05 0.00	61.55 -2.70 0.00	55.67 -2.32 0.00	54.18 -2.32 0.00	50.96 -2.12 0.00	48.21 -2.01 0.00	48.81 -2.09 0.00	52.18 -2.12 0.00	57.23 -2.32 0.00	64.06 -2.53 0.00	69.38 -2.59 0.00	66.43 -2.48 0.00	60.42 -2.25 0.00	58.00 -2.23 0.00	53.96 -2.13 0.00	48.31 -1.91 0.00	43.66 -1.63 0.00
NM_CAPITAL___DRP 24208	67.73 1.97 0.00	63.69 1.73 0.00	58.60 1.54 0.00	59.21 1.72 0.00	58.19 1.69 0.00	60.22 1.98 0.00	64.82 1.89 0.00	74.34 1.60 0.00	65.79 1.54 0.00	59.27 1.28 0.00	57.85 1.36 0.00	54.30 1.22 0.00	51.38 1.16 0.00	52.18 1.27 0.00	55.71 1.41 0.00	61.16 1.61 0.00	68.26 1.66 0.00	73.62 1.66 0.00	70.63 1.72 0.00	64.31 1.63 0.00	61.73 1.51 0.00	57.60 1.51 0.00	51.78 1.56 0.00	46.88 1.59 0.00
NM_CENTRAL___DRP 24181	64.44 -1.32 0.00	60.60 -1.36 0.00	55.86 -1.20 0.00	56.17 -1.32 0.00	55.25 -1.24 0.00	56.79 -1.46 0.00	61.29 -1.64 0.00	70.92 -1.82 0.00	62.70 -1.54 0.00	56.66 -1.33 0.00	55.14 -1.36 0.00	51.97 -1.11 0.00	49.12 -1.10 0.00	49.73 -1.17 0.00	53.16 -1.14 0.00	58.30 -1.25 0.00	65.40 -1.20 0.00	70.82 -1.15 0.00	67.74 -1.17 0.00	61.61 -1.07 0.00	59.26 -0.96 0.00	55.13 -0.95 0.00	49.32 -0.90 0.00	44.57 -0.72 0.00



NM_FRONTIER___DRP 24179	60.63 -5.13 0.00	55.95 -6.01 0.00	52.55 -4.51 0.00	51.85 -5.63 0.00	51.69 -4.80 0.00	50.61 -7.63 0.00	52.36 -10.57 0.00	59.94 -12.80 0.00	53.39 -10.86 0.00	50.16 -7.83 0.00	48.98 -7.51 0.00	47.08 -6.00 0.00	44.04 -6.18 0.00	44.08 -6.82 0.00	47.08 -7.22 0.00	50.62 -8.93 0.00	58.27 -8.32 0.00	63.33 -8.64 0.00	59.95 -8.96 0.00	55.03 -7.65 0.00	53.60 -6.62 0.00	49.86 -6.23 0.00	44.85 -5.37 0.00	41.89 -3.40 0.00
NM_ST_REGIS___HYD 24053	67.00 1.25 0.00	63.63 1.67 0.00	58.66 1.60 0.00	59.04 1.55 0.00	57.85 1.36 0.00	59.23 0.99 0.00	64.13 1.20 0.00	74.12 1.38 0.00	65.53 1.28 0.00	59.27 1.28 0.00	57.68 1.19 0.00	53.88 0.80 0.00	51.28 1.05 0.00	51.67 0.76 0.00	54.90 0.60 0.00	59.79 0.24 0.00	66.46 -0.13 0.00	71.46 -0.50 0.00	68.50 -0.41 0.00	62.30 -0.38 0.00	59.86 -0.36 0.00	55.86 -0.22 0.00	50.67 0.45 0.00	45.79 0.50 0.00
NORTHPORT___1 23551	68.91 3.16 0.00	64.75 2.79 0.00	59.00 1.94 0.00	59.85 2.36 0.00	58.97 2.48 0.00	61.86 3.61 0.00	67.72 4.78 -0.01	77.18 4.44 0.00	68.74 4.50 0.00	61.47 3.48 0.00	60.28 3.79 0.00	56.85 3.77 0.00	53.94 3.72 0.00	55.75 4.84 -0.01	59.42 5.10 -0.02	67.21 5.36 -2.30	81.90 5.92 -9.38	87.64 6.33 -9.34	87.58 5.79 -12.88	81.62 5.20 -13.75	71.71 5.18 -6.31	64.36 4.99 -3.28	54.65 4.42 -0.01	48.88 3.58 -0.01
NORTHPORT___2 23552	68.91 3.16 0.00	64.75 2.79 0.00	59.00 1.94 0.00	59.85 2.36 0.00	58.97 2.48 0.00	61.86 3.61 0.00	67.72 4.78 -0.01	77.18 4.44 0.00	68.74 4.50 0.00	61.47 3.48 0.00	60.28 3.79 0.00	56.85 3.77 0.00	53.94 3.72 0.00	55.75 4.84 -0.01	59.42 5.10 -0.02	67.21 5.36 -2.30	81.90 5.92 -9.38	87.64 6.33 -9.34	87.58 5.79 -12.88	81.62 5.20 -13.75	71.71 5.18 -6.31	64.36 4.99 -3.28	54.65 4.42 -0.01	48.88 3.58 -0.01
NORTHPORT___3 23553	68.78 3.03 0.00	64.62 2.66 0.00	58.88 1.83 0.00	59.67 2.18 0.00	58.86 2.37 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.10 4.36 0.00	68.62 4.37 0.00	61.35 3.36 0.00	60.23 3.73 0.00	56.80 3.71 0.00	53.89 3.66 0.00	55.59 4.68 -0.01	59.26 4.94 -0.02	67.03 5.18 -2.30	81.70 5.73 -9.38	87.42 6.11 -9.34	87.37 5.58 -12.88	81.44 5.02 -13.75	71.53 5.00 -6.31	64.20 4.82 -3.28	54.49 4.27 -0.01	48.74 3.44 -0.01
NORTHPORT___4 23650	68.78 3.03 0.00	64.62 2.66 0.00	58.88 1.83 0.00	59.67 2.18 0.00	58.86 2.37 0.00	61.74 3.49 0.00	67.53 4.59 -0.01	77.10 4.36 0.00	68.62 4.37 0.00	61.35 3.36 0.00	60.23 3.73 0.00	56.80 3.71 0.00	53.89 3.66 0.00	55.59 4.68 -0.01	59.26 4.94 -0.02	67.03 5.18 -2.30	81.70 5.73 -9.38	87.42 6.11 -9.34	87.37 5.58 -12.88	81.44 5.02 -13.75	71.53 5.00 -6.31	64.20 4.82 -3.28	54.49 4.27 -0.01	48.74 3.44 -0.01
NORTHPORT___IC 23718	68.98 3.22 0.00	64.56 2.60 0.00	59.11 2.05 0.00	59.73 2.24 0.00	59.09 2.60 0.00	61.68 3.44 0.00	68.15 5.22 0.00	77.76 5.02 0.00	69.00 4.75 0.00	61.53 3.54 0.00	60.45 3.95 0.00	56.90 3.82 0.00	54.04 3.82 0.00	55.79 4.89 0.00	59.59 5.27 -0.02	67.51 5.66 -2.30	82.10 6.13 -9.38	88.00 6.69 -9.34	87.93 6.13 -12.88	81.88 5.45 -13.75	71.77 5.24 -6.31	64.36 4.99 -3.28	54.59 4.37 0.00	48.87 3.58 0.00
NORTH___COUNTRY_ESR 323785	66.22 0.46 0.00	62.95 0.99 0.00	58.09 1.03 0.00	58.58 1.09 0.00	57.51 1.02 0.00	59.17 0.93 0.00	63.93 1.00 0.00	74.12 1.38 0.00	65.46 1.22 0.00	58.98 0.98 0.00	57.29 0.79 0.00	53.61 0.53 0.00	50.53 0.30 0.00	50.80 -0.10 0.00	53.86 -0.44 0.00	58.90 -0.65 0.00	65.73 -0.87 0.00	70.89 -1.08 0.00	67.88 -1.03 0.00	61.67 -1.01 0.00	59.26 -0.97 0.00	55.08 -1.01 0.00	49.52 -0.70 0.00	44.56 -0.73 0.00
NPX_GEN_1385_PROXY 323591	68.51 2.76 0.00	64.37 2.41 0.00	58.65 1.60 0.00	59.67 2.18 0.00	58.86 2.37 0.00	61.92 3.67 0.00	68.16 5.22 -0.01	81.02 5.09 -3.19	68.93 4.69 0.00	61.53 3.54 0.00	59.94 3.45 0.00	56.64 3.56 0.00	53.74 3.51 0.00	55.59 4.68 -0.01	59.48 5.16 -0.02	66.84 5.72 -1.57	82.56 5.86 -10.10	87.64 6.33 -9.34	87.24 5.44 -12.88	81.37 4.95 -13.75	71.53 5.00 -6.31	64.42 5.05 -3.28	55.00 4.77 -0.01	49.15 3.85 -0.01
NPX_GEN_CSC 323557	68.58 2.83 0.00	64.99 3.04 0.00	59.05 2.00 0.00	59.85 2.36 0.00	59.15 2.66 0.00	62.55 4.31 0.00	68.10 5.16 -0.01	77.75 5.02 0.00	69.70 5.46 0.00	61.65 3.66 0.00	60.91 4.41 0.00	57.38 4.30 0.00	54.79 4.57 0.00	56.21 5.29 -0.01	59.96 5.65 -0.02	66.79 5.66 -1.57	83.75 7.06 -10.10	88.22 6.91 -9.34	88.21 6.41 -12.88	82.31 5.89 -13.75	72.80 6.26 -6.31	65.26 5.89 -3.28	55.25 5.02 -0.01	49.33 4.03 -0.01
NSINS_S_GLNS_FALLS 23858	68.98 3.22 0.00	64.81 2.85 0.00	59.63 2.57 0.00	60.25 2.76 0.00	59.32 2.82 0.00	61.51 3.26 0.00	66.58 3.65 0.00	76.96 4.22 0.00	67.91 3.66 0.00	60.60 2.61 0.00	59.04 2.54 0.00	55.21 2.12 0.00	52.03 1.81 0.00	52.84 1.93 0.00	56.58 2.28 0.00	62.47 2.92 0.00	69.99 3.40 0.00	75.35 3.38 0.00	72.63 3.72 0.00	66.12 3.45 0.00	63.47 3.25 0.00	59.17 3.08 0.00	53.99 3.77 0.00	48.64 3.35 0.00
NUCOR_STEEL___DRP 24197	65.36 -0.39 0.00	61.46 -0.50 0.00	56.66 -0.40 0.00	56.91 -0.57 0.00	55.98 -0.51 0.00	57.49 -0.76 0.00	61.99 -0.94 0.00	71.72 -1.02 0.00	63.28 -0.96 0.00	57.24 -0.75 0.00	55.59 -0.90 0.00	52.39 -0.69 0.00	49.52 -0.70 0.00	50.14 -0.76 0.00	53.65 -0.65 0.00	58.90 -0.66 0.00	66.13 -0.47 0.00	71.68 -0.29 0.00	68.63 -0.28 0.00	62.49 -0.19 0.00	60.10 -0.12 0.00	55.86 -0.22 0.00	49.92 -0.30 0.00	45.11 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	67.46 1.71 0.00	63.76 1.80 0.00	58.71 1.66 0.00	58.41 0.92 0.00	57.39 0.90 0.00	59.23 0.99 0.00	64.31 1.38 0.00	74.41 1.67 0.00	65.60 1.35 0.00	58.74 0.75 0.00	57.18 0.68 0.00	53.61 0.53 0.00	50.72 0.50 0.00	51.41 0.51 0.00	54.95 0.65 0.00	60.45 0.89 0.00	67.33 0.73 0.00	72.69 0.72 0.00	69.87 0.96 0.00	63.55 0.88 0.00	60.95 0.73 0.00	56.76 0.68 0.00	51.02 0.80 0.00	45.92 0.63 0.00
NYISO_LBMP_REFERENCE 24008	65.75 0.00 0.00	61.96 0.00 0.00	57.06 0.00 0.00	57.49 0.00 0.00	56.49 0.00 0.00	58.24 0.00 0.00	62.93 0.00 0.00	72.74 0.00 0.00	64.25 0.00 0.00	57.99 0.00 0.00	56.50 0.00 0.00	53.08 0.00 0.00	50.22 0.00 0.00	50.90 0.00 0.00	54.30 0.00 0.00	59.55 0.00 0.00	66.59 0.00 0.00	71.97 0.00 0.00	68.91 0.00 0.00	62.68 0.00 0.00	60.22 0.00 0.00	56.09 0.00 0.00	50.22 0.00 0.00	45.29 0.00 0.00
NYPA_BRENTWD____GT 24164	69.63 3.88 0.00	65.49 3.53 0.00	59.57 2.51 0.00	60.36 2.87 0.00	59.60 3.10 0.00	62.55 4.31 0.00	68.48 5.54 -0.01	78.20 5.46 0.00	69.64 5.40 0.00	62.17 4.18 0.00	61.02 4.52 0.00	57.54 4.46 0.00	54.59 4.37 0.00	56.36 5.45 -0.01	60.07 5.75 -0.02	67.93 6.08 -2.30	82.84 6.86 -9.38	88.65 7.34 -9.34	88.55 6.76 -12.88	82.50 6.08 -13.75	72.55 6.02 -6.31	65.09 5.72 -3.28	55.25 5.02 -0.01	49.38 4.08 -0.01



NYPA_GOWANUS____GT5 24156	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NYPA_GOWANUS____GT6 24157	68.91 3.16 0.00	64.07 2.11 0.00	59.41 2.34 -0.01	60.02 2.53 -0.01	58.98 2.48 -0.01	61.05 2.80 -0.01	66.02 3.08 -0.01	76.82 4.07 -0.01	68.11 3.85 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.23 4.14 -0.01	54.20 3.97 -0.01	55.29 4.38 -0.01	58.81 4.50 -0.01	64.33 4.77 -0.01	71.46 4.86 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.75 4.52 -0.01	60.46 4.38 0.00	53.64 3.42 0.00	47.87 2.58 0.00
NYPA_HARLEM__RVR__GT1 24160	68.78 3.03 0.00	63.62 1.67 0.01	58.82 1.77 0.01	59.44 1.96 0.01	58.34 1.86 0.01	60.62 2.39 0.01	65.76 2.83 0.01	76.51 3.78 0.01	67.96 3.72 0.01	61.93 3.95 0.01	60.73 4.24 0.01	57.00 3.93 0.01	53.98 3.77 0.01	55.12 4.22 0.01	58.47 4.18 0.01	63.89 4.35 0.01	71.12 4.53 0.01	76.86 4.90 0.01	73.25 4.34 0.01	66.49 3.82 0.01	64.25 4.04 0.01	60.00 3.92 0.01	53.43 3.22 0.01	47.83 2.53 0.00
NYPA_HARLEM__RVR__GT2 24161	68.78 3.03 0.00	63.62 1.67 0.01	58.82 1.77 0.01	59.44 1.96 0.01	58.34 1.86 0.01	60.62 2.39 0.01	65.76 2.83 0.01	76.51 3.78 0.01	67.96 3.72 0.01	61.93 3.95 0.01	60.73 4.24 0.01	57.00 3.93 0.01	53.98 3.77 0.01	55.12 4.22 0.01	58.47 4.18 0.01	63.89 4.35 0.01	71.12 4.53 0.01	76.86 4.90 0.01	73.25 4.34 0.01	66.49 3.82 0.01	64.25 4.04 0.01	60.00 3.92 0.01	53.43 3.22 0.01	47.83 2.53 0.00
NYPA_KENT____GT 24152	68.84 3.09 0.00	64.00 2.04 0.00	59.29 2.22 -0.01	59.91 2.41 -0.01	58.87 2.37 -0.01	60.99 2.74 -0.01	66.08 3.15 -0.01	76.89 4.14 -0.01	68.24 3.98 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.18 4.09 -0.01	54.15 3.92 -0.01	55.29 4.38 -0.01	58.76 4.45 -0.01	64.26 4.70 -0.01	71.53 4.93 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.62 4.39 -0.01	60.41 4.32 0.00	53.64 3.42 0.00	47.92 2.63 0.00
NYPA_POUCH1____GT 24155	68.78 3.03 0.00	63.82 1.86 0.00	59.52 2.45 -0.01	60.37 2.87 -0.01	59.32 2.82 -0.01	61.22 2.97 -0.01	65.96 3.02 -0.01	76.75 4.00 -0.01	67.91 3.66 -0.01	62.23 4.23 -0.01	61.03 4.52 -0.01	57.39 4.30 -0.01	54.35 4.12 -0.01	55.44 4.53 -0.01	58.92 4.61 -0.01	64.38 4.82 -0.01	71.40 4.80 -0.01	77.38 5.40 -0.01	73.61 4.69 -0.01	66.76 4.07 -0.01	65.17 4.94 -0.01	60.91 4.82 0.00	53.79 3.57 0.00	3.31 2.63 44.60
NYPA_VERNON____GT2 24162	68.78 3.03 0.00	64.00 2.04 0.00	59.18 2.11 -0.01	59.80 2.30 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.21 3.27 -0.01	76.96 4.22 -0.01	68.37 4.12 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.18 4.09 -0.01	54.15 3.92 -0.01	55.24 4.32 -0.01	58.76 4.45 -0.01	64.26 4.70 -0.01	71.53 4.93 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.89 4.20 -0.01	64.57 4.34 -0.01	60.35 4.26 0.00	53.64 3.42 0.00	47.92 2.63 0.00
NYPA_VERNON____GT3 24163	68.78 3.03 0.00	64.00 2.04 0.00	59.18 2.11 -0.01	59.80 2.30 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.21 3.27 -0.01	76.96 4.22 -0.01	68.37 4.12 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.18 4.09 -0.01	54.15 3.92 -0.01	55.24 4.32 -0.01	58.76 4.45 -0.01	64.26 4.70 -0.01	71.53 4.93 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.89 4.20 -0.01	64.57 4.34 -0.01	60.35 4.26 0.00	53.64 3.42 0.00	47.92 2.63 0.00
NYPA__ASTORIA_CC1 323568	68.78 3.03 0.00	63.94 1.98 0.00	59.12 2.05 -0.01	59.74 2.24 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.08 3.15 -0.01	76.89 4.14 -0.01	68.24 3.98 -0.01	62.06 4.06 -0.01	60.86 4.35 -0.01	57.12 4.03 -0.01	54.10 3.87 -0.01	55.24 4.32 -0.01	58.71 4.40 -0.01	64.21 4.65 -0.01	71.46 4.86 -0.01	77.23 5.25 -0.01	73.61 4.69 -0.01	66.82 4.14 -0.01	64.51 4.28 -0.01	60.30 4.21 0.00	53.64 3.42 0.00	47.92 2.63 0.00
NYPA__ASTORIA_CC2 323569	68.78 3.03 0.00	63.94 1.98 0.00	59.12 2.05 -0.01	59.74 2.24 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.08 3.15 -0.01	76.89 4.14 -0.01	68.24 3.98 -0.01	62.06 4.06 -0.01	60.86 4.35 -0.01	57.12 4.03 -0.01	54.10 3.87 -0.01	55.24 4.32 -0.01	58.71 4.40 -0.01	64.21 4.65 -0.01	71.46 4.86 -0.01	77.23 5.25 -0.01	73.61 4.69 -0.01	66.82 4.14 -0.01	64.51 4.28 -0.01	60.30 4.21 0.00	53.64 3.42 0.00	47.92 2.63 0.00
NYPA__HOLTSVILL 23794	68.97 3.22 0.00	64.99 3.04 0.00	59.11 2.05 0.00	59.96 2.47 0.00	59.15 2.66 0.00	62.15 3.90 0.00	68.03 5.10 -0.01	77.69 4.95 0.00	69.26 5.01 0.00	61.71 3.71 0.00	60.62 4.12 0.00	57.17 4.09 0.00	54.29 4.07 0.00	55.95 5.04 -0.01	59.64 5.32 -0.02	67.44 5.60 -2.30	82.43 6.46 -9.38	88.00 6.69 -9.34	88.00 6.20 -12.88	82.00 5.58 -13.75	72.19 5.66 -6.31	64.76 5.38 -3.28	54.90 4.67 -0.01	49.06 3.76 -0.01
NYPA____HELLGATE_GT1 24158	68.78 3.03 0.00	63.62 1.67 0.01	58.82 1.77 0.01	59.44 1.96 0.01	58.34 1.86 0.01	60.62 2.39 0.01	65.76 2.83 0.01	76.51 3.78 0.01	67.96 3.72 0.01	61.93 3.95 0.01	60.73 4.24 0.01	57.00 3.93 0.01	53.98 3.77 0.01	55.12 4.22 0.01	58.47 4.18 0.01	63.89 4.35 0.01	71.12 4.53 0.01	76.86 4.90 0.01	73.25 4.34 0.01	66.49 3.82 0.01	64.25 4.04 0.01	60.00 3.92 0.01	53.43 3.22 0.01	47.83 2.53 0.00
NYPA____HELLGATE_GT2 24159	68.78 3.03 0.00	63.62 1.67 0.01	58.82 1.77 0.01	59.44 1.96 0.01	58.34 1.86 0.01	60.62 2.39 0.01	65.76 2.83 0.01	76.51 3.78 0.01	67.96 3.72 0.01	61.93 3.95 0.01	60.73 4.24 0.01	57.00 3.93 0.01	53.98 3.77 0.01	55.12 4.22 0.01	58.47 4.18 0.01	63.89 4.35 0.01	71.12 4.53 0.01	76.86 4.90 0.01	73.25 4.34 0.01	66.49 3.82 0.01	64.25 4.04 0.01	60.00 3.92 0.01	53.43 3.22 0.01	47.83 2.53 0.00
NYS_BARGE__HYD 23848	60.75 -5.00 0.00	57.44 -4.52 0.00	52.49 -4.57 0.00	53.00 -4.48 0.00	51.69 -4.80 0.00	51.19 -7.05 0.00	55.06 -7.87 0.00	62.05 -10.69 0.00	55.06 -9.19 0.00	51.61 -6.38 0.00	50.22 -6.27 0.00	47.78 -5.31 0.00	45.10 -5.12 0.00	45.10 -5.80 0.00	48.60 -5.70 0.00	52.88 -6.67 0.00	59.80 -6.79 0.00	65.42 -6.55 0.00	62.29 -6.62 0.00	57.10 -5.58 0.00	54.62 -5.60 0.00	50.70 -5.38 0.00	45.55 -4.67 0.00	42.17 -3.12 0.00
OAK ORCHARD__HYD 24046	63.19 -2.57 0.00	59.42 -2.54 0.00	54.61 -2.45 0.00	54.85 -2.64 0.00	53.95 -2.54 0.00	54.63 -3.61 0.00	58.84 -4.09 0.00	67.36 -5.38 0.00	59.56 -4.69 0.00	54.69 -3.30 0.00	53.11 -3.39 0.00	50.27 -2.81 0.00	47.51 -2.71 0.00	47.80 -3.11 0.00	51.37 -2.93 0.00	56.34 -3.22 0.00	63.40 -3.20 0.00	68.80 -3.16 0.00	65.81 -3.10 0.00	60.05 -2.63 0.00	57.63 -2.59 0.00	53.40 -2.69 0.00	47.76 -2.46 0.00	43.62 -1.67 0.00



OAKDALE___35_KV_LOAD 356122	65.36 -0.39 0.00	61.46 -0.50 0.00	56.66 -0.40 0.00	56.91 -0.57 0.00	55.93 -0.56 0.00	57.37 -0.87 0.00	61.80 -1.13 0.00	71.43 -1.31 0.00	63.02 -1.22 0.00	57.18 -0.81 0.00	55.65 -0.85 0.00	52.50 -0.58 0.00	49.57 -0.65 0.00	50.14 -0.76 0.00	53.65 -0.65 0.00	58.72 -0.83 0.00	66.00 -0.60 0.00	71.61 -0.36 0.00	68.43 -0.48 0.00	62.30 -0.38 0.00	59.92 -0.30 0.00	55.69 -0.39 0.00	49.72 -0.50 0.00	44.97 -0.32 0.00
OCC_CHEM___DRP 24175	60.63 -5.13 0.00	56.07 -5.89 0.00	52.55 -4.51 0.00	51.97 -5.52 0.00	51.69 -4.80 0.00	50.73 -7.51 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.52 -10.73 0.00	50.22 -7.77 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.68 -8.87 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.09 -8.82 0.00	55.16 -7.52 0.00	53.66 -6.56 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
OH_GEN_PROXY 24063	60.69 -5.06 0.00	57.00 -4.96 0.00	52.49 -4.57 0.00	52.66 -4.83 0.00	51.75 -4.75 0.00	51.49 -6.76 0.00	55.19 -7.74 0.00	62.34 -10.40 0.00	55.38 -8.87 0.00	51.67 -6.32 0.00	50.22 -6.27 0.00	47.83 -5.26 0.00	45.15 -5.07 0.00	45.15 -5.75 0.00	48.60 -5.70 0.00	52.10 -6.73 0.72	60.46 -6.86 -0.72	65.28 -6.69 0.00	62.16 -6.75 0.00	56.97 -5.70 0.00	54.50 -5.72 0.00	50.65 -5.44 0.00	45.50 -4.72 0.00	42.08 -3.21 0.00
OLIN_CORP_DRP 24177	59.90 -5.85 0.00	56.69 -5.27 0.00	51.98 -5.08 0.00	52.60 -4.89 0.00	51.12 -5.37 0.00	50.61 -7.63 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.45 -10.79 0.00	50.16 -7.83 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.74 -8.81 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.16 -8.75 0.00	55.16 -7.52 0.00	53.72 -6.50 0.00	49.92 -6.17 0.00	44.90 -5.32 0.00	41.58 -3.71 0.00
OLIN_CORP_DSASP 323712	60.63 -5.13 0.00	56.07 -5.89 0.00	52.55 -4.51 0.00	51.97 -5.52 0.00	51.69 -4.80 0.00	50.73 -7.51 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.52 -10.73 0.00	50.22 -7.77 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.68 -8.87 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.09 -8.82 0.00	55.16 -7.52 0.00	53.66 -6.56 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
ONEIDA_HERK_LFGE 323681	67.33 1.58 0.00	63.51 1.55 0.00	58.49 1.43 0.00	58.64 1.15 0.00	57.62 1.13 0.00	59.47 1.23 0.00	64.50 1.57 0.00	74.63 1.89 0.00	65.85 1.61 0.00	59.09 1.10 0.00	57.46 0.96 0.00	53.93 0.85 0.00	51.02 0.80 0.00	51.72 0.81 0.00	55.28 0.98 0.00	60.81 1.25 0.00	67.86 1.26 0.00	73.41 1.44 0.00	70.42 1.51 0.00	64.05 1.38 0.00	61.49 1.27 0.00	57.21 1.12 0.00	51.22 1.00 0.00	46.15 0.86 0.00
ONEIDA___115KV_TB4 55905	67.27 1.51 0.00	63.38 1.43 0.00	58.43 1.37 0.00	58.70 1.21 0.00	57.79 1.30 0.00	59.64 1.40 0.00	64.57 1.64 0.00	74.78 2.04 0.00	65.92 1.67 0.00	59.27 1.28 0.00	57.57 1.07 0.00	54.09 1.01 0.00	51.18 0.95 0.00	51.82 0.92 0.00	55.44 1.14 0.00	60.98 1.43 0.00	68.19 1.60 0.00	73.77 1.80 0.00	70.70 1.79 0.00	64.31 1.63 0.00	61.73 1.51 0.00	57.43 1.35 0.00	51.32 1.10 0.00	46.29 1.00 0.00
ONONDAGA_REF_OCCRA 23987	64.83 -0.92 0.00	61.03 -0.93 0.00	56.20 -0.86 0.00	56.51 -0.98 0.00	55.59 -0.90 0.00	57.20 -1.05 0.00	61.74 -1.20 0.00	71.43 -1.31 0.00	63.09 -1.16 0.00	57.00 -0.99 0.00	55.48 -1.02 0.00	52.23 -0.85 0.00	49.42 -0.80 0.00	50.04 -0.87 0.00	53.49 -0.81 0.00	58.72 -0.83 0.00	65.80 -0.80 0.00	71.32 -0.65 0.00	68.22 -0.69 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.47 -0.62 0.00	49.62 -0.60 0.00	44.84 -0.45 0.00
ONONDAGA___COGEN 23986	64.90 -0.85 0.00	61.09 -0.87 0.00	56.26 -0.80 0.00	56.57 -0.92 0.00	55.64 -0.85 0.00	57.25 -0.99 0.00	61.74 -1.20 0.00	71.50 -1.24 0.00	63.15 -1.09 0.00	57.06 -0.93 0.00	55.48 -1.02 0.00	52.29 -0.80 0.00	49.42 -0.80 0.00	50.04 -0.87 0.00	53.54 -0.76 0.00	58.72 -0.83 0.00	65.80 -0.80 0.00	71.32 -0.65 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.53 -0.56 0.00	49.67 -0.55 0.00	44.84 -0.45 0.00
ONTARIO___LFGE 23819	64.97 -0.79 0.00	60.97 -0.99 0.00	56.38 -0.68 0.00	56.46 -1.03 0.00	55.53 -0.96 0.00	56.79 -1.45 0.00	61.17 -1.76 0.00	70.56 -2.18 0.00	62.19 -2.06 0.00	56.66 -1.33 0.00	54.92 -1.58 0.00	51.91 -1.17 0.00	49.07 -1.15 0.00	49.53 -1.37 0.00	53.22 -1.09 0.00	58.36 -1.19 0.00	65.13 -1.47 0.00	70.89 -1.08 0.00	67.88 -1.03 0.00	62.05 -0.63 0.00	59.62 -0.60 0.00	55.25 -0.84 0.00	49.41 -0.81 0.00	44.70 -0.59 0.00
ORANGEVILLE_WT_PWR 323706	65.03 -0.72 0.00	60.41 -1.55 0.00	55.35 -1.71 0.00	54.33 -3.16 0.00	52.99 -3.50 0.00	53.82 -4.43 0.00	57.89 -5.04 0.00	66.56 -6.18 0.00	4.01 -5.78 54.45	4.01 -4.87 49.11	4.01 -5.08 47.40	4.01 -4.51 44.56	4.00 -4.27 41.95	4.01 -4.53 42.36	4.00 -4.45 45.85	4.00 -5.00 50.55	4.00 -5.33 57.26	1.00 -5.18 65.79	4.00 -5.10 59.81	4.00 -4.51 54.16	4.00 -4.46 51.77	4.00 -4.37 47.71	1.00 -4.12 45.10	4.01 -3.76 37.52
ORANGEVILLE___ESR 323794	65.03 -0.72 0.00	60.41 -1.55 0.00	55.35 -1.71 0.00	54.33 -3.16 0.00	52.99 -3.50 0.00	53.82 -4.43 0.00	57.89 -5.04 0.00	66.56 -6.18 0.00	4.01 -5.78 54.45	4.01 -4.87 49.11	4.01 -5.08 47.40	4.01 -4.51 44.56	4.00 -4.27 41.95	4.01 -4.53 42.36	4.00 -4.45 45.85	4.00 -5.00 50.55	4.00 -5.33 57.26	1.00 -5.18 65.79	4.00 -5.10 59.81	4.00 -4.51 54.16	4.00 -4.46 51.77	4.00 -4.37 47.71	1.00 -4.12 45.10	4.01 -3.76 37.52
OSWEGATCHIE___HYD 24044	66.94 1.18 0.00	63.44 1.48 0.00	58.43 1.37 0.00	58.58 1.09 0.00	57.45 0.96 0.00	59.00 0.76 0.00	63.93 1.00 0.00	74.05 1.31 0.00	65.27 1.02 0.00	58.69 0.70 0.00	57.23 0.73 0.00	53.67 0.58 0.00	50.87 0.65 0.00	51.41 0.51 0.00	54.84 0.54 0.00	60.03 0.47 0.00	66.53 -0.07 0.00	71.68 -0.29 0.00	68.84 -0.07 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	56.03 -0.06 0.00	50.82 0.60 0.00	45.84 0.55 0.00
OSWEGO___5 23606	63.71 -2.04 0.00	60.04 -1.92 0.00	55.29 -1.77 0.00	55.59 -1.90 0.00	54.68 -1.81 0.00	56.26 -1.98 0.00	60.79 -2.14 0.00	70.19 -2.55 0.00	61.99 -2.25 0.00	56.08 -1.91 0.00	54.58 -1.92 0.00	51.33 -1.75 0.00	48.57 -1.66 0.00	49.17 -1.73 0.00	52.56 -1.74 0.00	57.71 -1.85 0.00	64.60 -2.00 0.00	69.95 -2.01 0.00	66.98 -1.93 0.00	60.92 -1.75 0.00	58.47 -1.75 0.00	54.41 -1.68 0.00	48.71 -1.51 0.00	43.98 -1.31 0.00
OSWEGO___6 23613	63.71 -2.04 0.00	60.04 -1.92 0.00	55.29 -1.77 0.00	55.59 -1.90 0.00	54.68 -1.81 0.00	56.26 -1.98 0.00	60.79 -2.14 0.00	70.19 -2.55 0.00	61.99 -2.25 0.00	56.08 -1.91 0.00	54.58 -1.92 0.00	51.33 -1.75 0.00	48.57 -1.66 0.00	49.17 -1.73 0.00	52.56 -1.74 0.00	57.71 -1.85 0.00	64.60 -2.00 0.00	69.95 -2.01 0.00	66.98 -1.93 0.00	60.92 -1.75 0.00	58.47 -1.75 0.00	54.41 -1.68 0.00	48.71 -1.51 0.00	43.98 -1.31 0.00



OUTOKUMPU-AB___DRP 24206	61.68 -4.08 0.00	57.56 -4.40 0.00	53.35 -3.71 0.00	53.23 -4.25 0.00	52.42 -4.07 0.00	51.78 -6.47 0.00	53.81 -9.12 0.00	61.61 -11.13 0.00	54.87 -9.38 0.00	51.38 -6.61 0.00	50.17 -6.33 0.00	48.20 -4.88 0.00	45.10 -5.12 0.00	45.15 -5.75 0.00	48.27 -6.03 0.00	51.99 -7.56 0.00	59.80 -6.79 0.00	65.06 -6.91 0.00	61.67 -7.24 0.00	56.54 -6.14 0.00	54.98 -5.24 0.00	51.04 -5.05 0.00	45.90 -4.32 0.00	42.62 -2.67 0.00
OXBOW___BTM 323836	61.35 -4.40 0.00	57.19 -4.77 0.00	53.01 -4.05 0.00	52.72 -4.77 0.00	52.19 -4.30 0.00	51.37 -6.87 0.00	55.19 -7.74 0.00	62.05 -10.69 0.00	55.19 -9.06 0.00	51.61 -6.38 0.00	50.11 -6.38 0.00	47.72 -5.36 0.00	45.05 -5.17 0.00	45.05 -5.85 0.00	48.54 -5.76 0.00	52.71 -6.85 0.00	59.60 -6.99 0.00	65.20 -6.77 0.00	62.09 -6.82 0.00	56.91 -5.77 0.00	54.44 -5.78 0.00	50.53 -5.55 0.00	45.45 -4.77 0.00	42.30 -2.99 0.00
OXBOW___ 24026	61.28 -4.47 0.00	56.88 -5.08 0.00	53.06 -3.99 0.00	52.66 -4.83 0.00	52.14 -4.35 0.00	51.31 -6.93 0.00	53.18 -9.75 0.00	60.96 -11.78 0.00	54.29 -9.96 0.00	50.86 -7.13 0.00	49.72 -6.78 0.00	47.72 -5.36 0.00	44.70 -5.52 0.00	44.69 -6.21 0.00	47.78 -6.52 0.00	51.39 -8.16 0.00	59.20 -7.39 0.00	64.34 -7.63 0.00	60.99 -7.92 0.00	55.91 -6.77 0.00	54.38 -5.84 0.00	50.53 -5.55 0.00	45.45 -4.77 0.00	42.30 -2.99 0.00
OXY_CHEM_DSASP 323612	60.63 -5.13 0.00	56.07 -5.89 0.00	52.55 -4.51 0.00	51.97 -5.52 0.00	51.69 -4.80 0.00	50.73 -7.51 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.52 -10.73 0.00	50.22 -7.77 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.68 -8.87 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.09 -8.82 0.00	55.16 -7.52 0.00	53.66 -6.56 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
OZONE_PARK_ESR 323760	68.98 3.22 0.00	64.50 2.54 0.00	59.34 2.28 0.00	59.90 2.41 0.00	58.86 2.37 0.00	61.27 3.03 0.00	67.34 4.41 0.00	78.19 5.46 0.00	69.13 4.88 0.00	62.57 4.58 0.00	61.24 4.75 0.00	57.44 4.35 0.00	54.39 4.17 0.00	55.49 4.58 0.00	59.08 4.78 0.00	64.79 5.24 0.00	72.19 5.59 0.00	78.09 6.12 0.00	74.56 5.65 0.00	67.63 4.95 0.00	64.86 4.64 0.00	60.57 4.49 0.00	53.79 3.57 0.00	48.10 2.81 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	60.63 -5.13 0.00	56.07 -5.89 0.00	52.55 -4.51 0.00	51.97 -5.52 0.00	51.69 -4.80 0.00	50.73 -7.51 0.00	52.42 -10.51 0.00	60.01 -12.73 0.00	53.52 -10.73 0.00	50.22 -7.77 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.68 -8.87 0.00	58.40 -8.19 0.00	63.48 -8.49 0.00	60.09 -8.82 0.00	55.16 -7.52 0.00	53.66 -6.56 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
PACKARD___115KV_DUPONT_184 80571	60.75 -5.00 0.00	56.38 -5.58 0.00	52.55 -4.51 0.00	52.03 -5.46 0.00	51.75 -4.75 0.00	50.73 -7.51 0.00	54.37 -8.56 0.00	61.17 -11.57 0.00	54.42 -9.83 0.00	50.91 -7.08 0.00	49.49 -7.01 0.00	47.19 -5.89 0.00	44.50 -5.73 0.00	44.49 -6.42 0.00	47.89 -6.41 0.00	52.05 -7.51 0.00	58.80 -7.79 0.00	64.34 -7.63 0.00	61.26 -7.65 0.00	56.16 -6.52 0.00	53.72 -6.51 0.00	49.92 -6.17 0.00	44.95 -5.27 0.00	41.94 -3.35 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	68.65 2.89 0.00	63.88 1.92 0.00	59.04 2.00 0.02	59.60 2.13 0.02	58.56 2.09 0.02	60.91 2.68 0.02	66.88 3.96 0.02	77.60 4.87 0.02	68.60 4.37 0.02	62.09 4.12 0.02	60.78 4.29 0.02	56.99 3.93 0.02	53.97 3.77 0.02	55.06 4.17 0.02	58.63 4.34 0.02	64.30 4.76 0.02	71.57 4.99 0.02	77.42 5.47 0.02	73.93 5.03 0.02	67.05 4.39 0.02	64.36 4.16 0.02	60.01 3.93 0.00	53.33 3.11 0.00	47.78 2.49 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	69.30 3.55 0.00	64.44 2.48 0.00	59.50 2.45 0.02	60.06 2.59 0.02	59.07 2.60 0.02	61.37 3.15 0.02	67.38 4.47 0.02	78.18 5.46 0.02	69.11 4.88 0.02	62.50 4.52 0.02	61.17 4.69 0.02	57.37 4.30 0.02	54.27 4.07 0.02	55.42 4.53 0.02	59.01 4.72 0.02	64.72 5.18 0.02	72.04 5.46 0.02	77.93 5.97 0.02	74.41 5.51 0.02	67.49 4.83 0.02	64.78 4.58 0.02	60.46 4.37 0.00	53.69 3.47 0.00	48.14 2.85 0.00
PATROON___115KV_TB1 80586	67.92 2.17 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.95 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.01 2.08 0.00	74.49 1.75 0.00	65.92 1.67 0.00	59.32 1.33 0.00	57.91 1.41 0.00	54.36 1.27 0.00	51.48 1.26 0.00	52.23 1.32 0.00	55.82 1.52 0.00	61.28 1.73 0.00	68.33 1.73 0.00	73.70 1.73 0.00	70.70 1.79 0.00	64.43 1.75 0.00	61.85 1.63 0.00	57.66 1.57 0.00	51.88 1.66 0.00	47.01 1.72 0.00
PATTRSNVILLE___SOLAR 323815	67.72 1.97 0.00	63.82 1.86 0.00	58.65 1.60 0.00	59.21 1.72 0.00	58.24 1.75 0.00	60.34 2.09 0.00	65.32 2.39 0.00	75.43 2.69 0.00	66.24 1.99 0.00	59.04 1.04 0.00	57.40 0.90 0.00	53.77 0.69 0.00	50.87 0.65 0.00	51.67 0.76 0.00	55.28 0.98 0.00	61.16 1.61 0.00	68.99 2.39 0.00	74.49 2.52 0.00	71.53 2.62 0.00	65.12 2.44 0.00	62.51 2.29 0.00	58.22 2.13 0.00	51.98 1.76 0.00	46.88 1.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	63.45 -2.30 0.00	59.42 -2.54 0.00	54.78 -2.28 0.00	54.84 -2.64 0.00	53.78 -2.71 0.00	53.76 -4.48 0.00	56.45 -6.48 0.00	64.67 -8.07 0.00	57.44 -6.81 0.00	53.41 -4.58 0.00	52.09 -4.41 0.00	49.84 -3.24 0.00	46.76 -3.47 0.00	46.88 -4.02 0.00	50.12 -4.18 0.00	54.13 -5.42 0.00	62.00 -4.60 0.00	67.58 -4.39 0.00	64.09 -4.82 0.00	58.73 -3.95 0.00	56.91 -3.31 0.00	52.78 -3.31 0.00	47.31 -2.91 0.00	43.66 -1.63 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	68.84 3.09 0.00	64.50 2.54 0.00	59.28 2.23 0.00	59.96 2.47 0.00	58.92 2.43 0.00	61.16 2.91 0.00	66.96 4.03 0.00	77.54 4.80 0.00	68.49 4.24 0.00	61.70 3.71 0.00	60.34 3.84 0.00	56.53 3.45 0.00	53.59 3.36 0.00	54.62 3.72 0.00	58.21 3.91 0.00	64.08 4.53 0.00	71.46 4.86 0.00	77.29 5.33 0.00	73.94 5.03 0.00	67.06 4.39 0.00	64.38 4.16 0.00	60.07 3.98 0.00	53.38 3.16 0.00	47.78 2.49 0.00
PEEKSKILL___ 23653	67.92 2.17 0.00	63.57 1.61 0.00	58.49 1.43 0.00	59.10 1.61 0.00	58.02 1.53 0.00	60.34 2.09 0.00	65.77 2.83 0.00	76.23 3.49 0.00	67.52 3.27 0.00	61.06 3.07 0.00	59.77 3.28 0.00	56.11 3.02 0.00	53.13 2.91 0.00	54.21 3.31 0.00	57.67 3.37 0.00	63.19 3.63 0.00	70.52 3.93 0.00	76.14 4.17 0.00	72.77 3.86 0.00	66.06 3.38 0.00	63.59 3.37 0.00	59.40 3.31 0.00	52.93 2.71 0.00	47.33 2.04 0.00
PGE MADISON___WINDPWR 24146	70.42 4.67 0.00	66.30 4.34 0.00	60.94 3.88 0.00	61.00 3.51 0.00	59.94 3.45 0.00	61.51 3.26 0.00	66.39 3.46 0.00	76.89 4.15 0.00	67.39 3.15 0.00	60.08 2.09 0.00	57.97 1.47 0.00	54.57 1.49 0.00	51.53 1.31 0.00	52.18 1.27 0.00	56.36 2.06 0.00	62.35 2.80 0.00	70.32 3.73 0.00	76.36 4.39 0.00	73.39 4.48 0.00	66.75 4.07 0.00	64.08 3.85 0.00	59.06 2.97 0.00	52.38 2.16 0.00	47.15 1.86 0.00



PIERCEFIELD___HYD 23852	66.81 1.05 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.81 1.32 0.00	57.56 1.07 0.00	58.94 0.70 0.00	63.75 0.82 0.00	73.68 0.95 0.00	65.14 0.90 0.00	58.92 0.93 0.00	57.40 0.90 0.00	53.67 0.58 0.00	51.13 0.90 0.00	51.57 0.66 0.00	54.84 0.54 0.00	59.73 0.18 0.00	66.26 -0.33 0.00	71.25 -0.72 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.75 -0.34 0.00	50.67 0.45 0.00	45.83 0.54 0.00
PINELAWN_CC_1 323563	69.24 3.48 0.00	65.12 3.16 0.00	59.28 2.22 0.00	60.08 2.59 0.00	59.26 2.77 0.00	62.15 3.90 0.00	68.03 5.10 -0.01	77.75 5.02 0.00	69.26 5.01 0.00	61.94 3.95 0.00	60.79 4.29 0.00	57.28 4.19 0.00	54.34 4.12 0.00	56.00 5.09 -0.01	59.64 5.32 -0.02	67.44 5.60 -2.30	82.23 6.26 -9.38	88.00 6.69 -9.34	88.00 6.20 -12.88	81.94 5.52 -13.75	72.01 5.48 -6.31	64.64 5.27 -3.28	54.90 4.67 -0.01	49.06 3.76 -0.01
PJM_GEN_HTTP_PROXY 323702	68.32 2.56 0.00	63.82 1.86 0.00	58.71 1.66 0.00	59.38 1.89 0.00	58.30 1.81 0.00	60.69 2.45 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.76 3.77 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.79 3.57 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.12 4.29 0.72	71.98 4.66 -0.72	76.86 4.90 0.00	73.39 4.48 0.00	66.63 3.95 0.00	64.13 3.91 0.00	59.95 3.87 0.00	53.39 3.17 0.00	47.69 2.40 0.00
PJM_GEN_KEystone 24065	64.77 -0.98 0.00	60.72 -1.24 0.00	55.86 -1.20 0.00	56.22 -1.27 0.00	55.19 -1.30 0.00	56.55 -1.69 0.00	61.29 -1.64 0.00	70.56 -2.18 0.00	62.45 -1.80 0.00	57.00 -0.99 0.00	55.65 -0.85 0.00	52.50 -0.58 0.00	49.62 -0.60 0.00	50.24 -0.66 0.00	53.70 -0.60 0.00	57.94 -0.89 0.72	66.65 -0.67 -0.72	71.54 -0.43 0.00	68.22 -0.69 0.00	62.49 -0.19 0.00	60.04 -0.18 0.00	55.92 -0.17 0.00	49.92 -0.30 0.00	45.16 -0.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	68.58 2.83 0.00	64.37 2.41 0.00	58.77 1.71 0.00	59.50 2.01 0.00	58.64 2.15 0.00	61.39 3.14 0.00	67.16 4.22 -0.01	76.96 4.22 0.00	68.48 4.24 0.00	61.41 3.42 0.00	60.28 3.79 0.00	56.80 3.71 0.00	53.84 3.62 0.00	55.34 4.43 -0.01	58.88 4.56 -0.02	65.83 4.70 -1.57	81.90 5.20 -10.10	86.77 5.47 -9.34	86.82 5.03 -12.88	80.94 4.52 -13.75	70.99 4.46 -6.31	63.75 4.38 -3.28	54.15 3.92 -0.01	48.42 3.12 -0.01
PJM_GEN_VFT_PROXY 323633	67.92 2.17 0.00	63.44 1.48 0.01	58.31 1.25 0.00	58.98 1.49 0.00	57.90 1.41 0.00	60.34 2.09 0.00	65.89 2.96 0.00	76.52 3.78 0.00	67.91 3.66 0.00	61.47 3.48 0.00	60.23 3.73 0.00	56.53 3.45 0.00	53.59 3.37 0.00	54.72 3.82 0.00	58.10 3.80 0.00	62.82 3.99 0.72	71.52 4.20 -0.72	76.43 4.46 0.00	72.91 4.00 0.00	66.19 3.51 0.00	63.77 3.55 0.00	59.67 3.59 0.01	53.07 2.86 0.01	47.37 2.08 0.01
PLATSBURG_115KV_PMLD1 355749	66.94 1.18 0.00	63.63 1.67 0.00	58.71 1.65 0.00	59.27 1.78 0.00	58.19 1.69 0.00	59.82 1.57 0.00	64.63 1.70 0.00	74.78 2.04 0.00	66.17 1.93 0.00	59.61 1.62 0.00	57.85 1.36 0.00	54.04 0.96 0.00	51.08 0.85 0.00	51.36 0.46 0.00	54.46 0.16 0.00	59.55 0.00 0.00	66.39 -0.20 0.00	71.68 -0.29 0.00	68.57 -0.34 0.00	62.36 -0.31 0.00	59.92 -0.30 0.00	55.64 -0.45 0.00	50.02 -0.20 0.00	45.06 -0.23 0.00
PLEASANTVLY___LBMP 24000	67.79 2.04 0.00	63.57 1.61 0.00	58.49 1.43 0.00	59.16 1.67 0.00	58.02 1.53 0.00	60.22 1.98 0.00	65.83 2.89 0.00	76.23 3.49 0.00	67.33 3.08 0.00	60.83 2.84 0.00	59.49 2.99 0.00	55.79 2.71 0.00	52.88 2.66 0.00	53.86 2.95 0.00	57.40 3.10 0.00	63.01 3.45 0.00	70.26 3.66 0.00	75.93 3.96 0.00	72.63 3.72 0.00	65.87 3.20 0.00	63.23 3.01 0.00	59.00 2.92 0.00	52.58 2.36 0.00	47.10 1.81 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	68.25 2.50 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.95 0.00	58.35 1.86 0.00	60.63 2.39 0.00	66.46 3.52 0.00	76.96 4.22 0.00	68.04 3.79 0.00	61.53 3.54 0.00	60.17 3.67 0.00	56.43 3.34 0.00	53.49 3.26 0.00	54.52 3.61 0.00	58.10 3.80 0.00	63.72 4.17 0.00	71.06 4.46 0.00	76.79 4.82 0.00	73.39 4.48 0.00	66.63 3.95 0.00	63.90 3.67 0.00	59.62 3.53 0.00	53.08 2.86 0.00	47.51 2.22 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	68.25 2.50 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.95 0.00	58.35 1.86 0.00	60.63 2.39 0.00	66.46 3.52 0.00	76.96 4.22 0.00	68.04 3.79 0.00	61.53 3.54 0.00	60.17 3.67 0.00	56.43 3.34 0.00	53.49 3.26 0.00	54.52 3.61 0.00	58.10 3.80 0.00	63.72 4.17 0.00	71.06 4.46 0.00	76.79 4.82 0.00	73.39 4.48 0.00	66.63 3.95 0.00	63.90 3.67 0.00	59.62 3.53 0.00	53.08 2.86 0.00	47.51 2.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	68.38 2.63 0.00	64.13 2.17 0.00	59.00 1.94 0.00	59.62 2.13 0.00	58.58 2.09 0.00	60.81 2.56 0.00	66.46 3.52 0.00	76.96 4.22 0.00	67.91 3.66 0.00	61.18 3.19 0.00	59.77 3.28 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.67 3.37 0.00	63.42 3.87 0.00	70.79 4.20 0.00	76.57 4.61 0.00	73.18 4.27 0.00	66.44 3.76 0.00	63.78 3.55 0.00	59.51 3.42 0.00	52.93 2.71 0.00	47.47 2.17 0.00
POLETTI_____ 23519	68.19 2.43 0.00	63.82 1.86 0.00	58.71 1.65 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.62 2.39 0.02	66.63 3.71 0.02	77.38 4.66 0.02	68.41 4.18 0.02	61.92 3.94 0.02	60.55 4.07 0.02	56.78 3.72 0.02	53.77 3.57 0.02	54.91 4.02 0.02	58.47 4.18 0.02	64.06 4.53 0.02	71.37 4.79 0.02	77.21 5.25 0.02	73.65 4.75 0.02	66.80 4.14 0.02	64.12 3.91 0.02	59.83 3.76 0.02	53.22 3.01 0.02	47.56 2.26 0.00
POMONA___ESR 323819	67.79 2.04 0.00	63.44 1.48 0.00	58.43 1.37 0.00	59.04 1.55 0.00	57.96 1.47 0.00	60.23 1.98 0.00	65.64 2.70 0.00	76.09 3.35 0.00	67.39 3.15 0.00	60.95 2.96 0.00	59.66 3.16 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.56 3.26 0.00	63.07 3.51 0.00	70.39 3.79 0.00	76.00 4.03 0.00	72.63 3.72 0.00	65.93 3.26 0.00	63.47 3.25 0.00	59.34 3.25 0.00	52.88 2.66 0.00	47.28 1.99 0.00
PORT_JEFF_3 23555	69.04 3.29 0.00	65.06 3.10 0.00	59.17 2.11 0.00	59.96 2.47 0.00	59.20 2.71 0.00	62.21 3.96 0.00	68.10 5.16 -0.01	77.75 5.02 0.00	69.32 5.07 0.00	61.76 3.77 0.00	60.68 4.18 0.00	57.23 4.14 0.00	54.34 4.12 0.00	56.00 5.09 -0.01	59.75 5.43 -0.02	67.51 5.66 -2.30	82.51 6.53 -9.38	88.15 6.84 -9.34	88.07 6.27 -12.88	82.13 5.70 -13.75	72.26 5.72 -6.31	64.81 5.44 -3.28	54.95 4.72 -0.01	49.10 3.80 -0.01
PORT_JEFF_4 23616	69.04 3.29 0.00	65.06 3.10 0.00	59.17 2.11 0.00	59.96 2.47 0.00	59.20 2.71 0.00	62.21 3.96 0.00	68.10 5.16 -0.01	77.75 5.02 0.00	69.32 5.07 0.00	61.76 3.77 0.00	60.68 4.18 0.00	57.23 4.14 0.00	54.34 4.12 0.00	56.00 5.09 -0.01	59.75 5.43 -0.02	67.51 5.66 -2.30	82.51 6.53 -9.38	88.15 6.84 -9.34	88.07 6.27 -12.88	82.13 5.70 -13.75	72.26 5.72 -6.31	64.81 5.44 -3.28	54.95 4.72 -0.01	49.10 3.80 -0.01



PORT_JEFF_IC 23713	69.11 3.35 0.00	64.75 2.79 0.00	59.28 2.23 0.00	59.96 2.47 0.00	59.37 2.88 0.00	61.97 3.73 0.00	68.59 5.66 0.00	78.34 5.60 0.00	69.64 5.40 0.00	61.88 3.89 0.00	60.90 4.41 0.00	57.38 4.30 0.00	54.54 4.32 0.00	56.15 5.24 0.00	59.97 5.65 -0.02	67.92 6.07 -2.30	82.90 6.93 -9.38	88.65 7.34 -9.34	88.62 6.82 -12.88	82.50 6.08 -13.75	72.50 5.96 -6.31	64.92 5.55 -3.28	54.99 4.77 0.00	49.14 3.85 0.00
PPL PILGRIM_ST_GT1 24216	69.63 3.88 0.00	65.49 3.53 0.00	59.57 2.51 0.00	60.36 2.87 0.00	59.60 3.10 0.00	62.55 4.31 0.00	68.48 5.54 -0.01	78.20 5.46 0.00	69.64 5.40 0.00	62.17 4.18 0.00	61.02 4.52 0.00	57.54 4.46 0.00	54.59 4.37 0.00	56.36 5.45 -0.01	60.07 5.75 -0.02	67.93 6.08 -2.30	82.84 6.86 -9.38	88.65 7.34 -9.34	88.55 6.76 -12.88	82.50 6.08 -13.75	72.55 6.02 -6.31	65.09 5.72 -3.28	55.25 5.02 -0.01	49.38 4.08 -0.01
PPL PILGRIM_ST_GT2 24217	69.63 3.88 0.00	65.49 3.53 0.00	59.57 2.51 0.00	60.36 2.87 0.00	59.60 3.10 0.00	62.55 4.31 0.00	68.48 5.54 -0.01	78.20 5.46 0.00	69.64 5.40 0.00	62.17 4.18 0.00	61.02 4.52 0.00	57.54 4.46 0.00	54.59 4.37 0.00	56.36 5.45 -0.01	60.07 5.75 -0.02	67.93 6.08 -2.30	82.84 6.86 -9.38	88.65 7.34 -9.34	88.55 6.76 -12.88	82.50 6.08 -13.75	72.55 6.02 -6.31	65.09 5.72 -3.28	55.25 5.02 -0.01	49.38 4.08 -0.01
PPL_SHRM_GT3 24213	68.64 2.89 0.00	65.06 3.10 0.00	59.11 2.05 0.00	59.90 2.41 0.00	59.20 2.71 0.00	62.61 4.37 0.00	68.16 5.22 -0.01	77.83 5.09 0.00	69.77 5.53 0.00	61.65 3.66 0.00	60.91 4.41 0.00	57.44 4.35 0.00	54.79 4.57 0.00	56.26 5.34 -0.01	60.02 5.70 -0.02	67.57 5.72 -2.30	83.10 7.13 -9.38	88.28 6.98 -9.34	88.27 6.48 -12.88	82.38 5.96 -13.75	72.80 6.26 -6.31	65.26 5.89 -3.28	55.25 5.02 -0.01	49.33 4.03 -0.01
PPL_SHRM_GT4 24214	68.64 2.89 0.00	65.06 3.10 0.00	59.11 2.05 0.00	59.90 2.41 0.00	59.20 2.71 0.00	62.61 4.37 0.00	68.16 5.22 -0.01	77.83 5.09 0.00	69.77 5.53 0.00	61.65 3.66 0.00	60.91 4.41 0.00	57.44 4.35 0.00	54.79 4.57 0.00	56.26 5.34 -0.01	60.02 5.70 -0.02	67.57 5.72 -2.30	83.10 7.13 -9.38	88.28 6.98 -9.34	88.27 6.48 -12.88	82.38 5.96 -13.75	72.80 6.26 -6.31	65.26 5.89 -3.28	55.25 5.02 -0.01	49.33 4.03 -0.01
PROJECT___ORANGE 1 24174	64.44 -1.32 0.00	60.66 -1.30 0.00	55.86 -1.20 0.00	56.22 -1.26 0.00	55.30 -1.19 0.00	56.85 -1.40 0.00	61.29 -1.64 0.00	70.99 -1.75 0.00	62.70 -1.54 0.00	56.72 -1.28 0.00	55.20 -1.30 0.00	51.97 -1.11 0.00	49.12 -1.10 0.00	49.73 -1.17 0.00	53.21 -1.09 0.00	58.36 -1.19 0.00	65.40 -1.20 0.00	70.82 -1.15 0.00	67.81 -1.10 0.00	61.67 -1.00 0.00	59.26 -0.96 0.00	55.13 -0.95 0.00	49.37 -0.85 0.00	44.57 -0.72 0.00
PROJECT___ORANGE 2 24166	64.44 -1.32 0.00	60.66 -1.30 0.00	55.86 -1.20 0.00	56.22 -1.26 0.00	55.30 -1.19 0.00	56.85 -1.40 0.00	61.29 -1.64 0.00	70.99 -1.75 0.00	62.70 -1.54 0.00	56.72 -1.28 0.00	55.20 -1.30 0.00	51.97 -1.11 0.00	49.12 -1.10 0.00	49.73 -1.17 0.00	53.21 -1.09 0.00	58.36 -1.19 0.00	65.40 -1.20 0.00	70.82 -1.15 0.00	67.81 -1.10 0.00	61.67 -1.00 0.00	59.26 -0.96 0.00	55.13 -0.95 0.00	49.37 -0.85 0.00	44.57 -0.72 0.00
PUCKETT___SOLAR 323809	66.80 1.05 0.00	62.89 0.93 0.00	57.86 0.80 0.00	58.12 0.63 0.00	57.11 0.62 0.00	58.65 0.41 0.00	63.50 0.57 0.00	73.25 0.51 0.00	64.50 0.26 0.00	58.11 0.12 0.00	56.33 -0.17 0.00	52.92 -0.16 0.00	50.07 -0.15 0.00	50.70 -0.20 0.00	54.57 0.27 0.00	60.09 0.53 0.00	67.60 1.00 0.00	73.41 1.44 0.00	70.29 1.38 0.00	63.93 1.25 0.00	61.31 1.09 0.00	56.81 0.73 0.00	50.62 0.40 0.00	45.74 0.45 0.00
PYRITES___HYD 24023	67.86 2.10 0.00	64.38 2.42 0.00	59.28 2.23 0.00	59.67 2.18 0.00	58.52 2.03 0.00	59.99 1.75 0.00	64.94 2.01 0.00	75.14 2.40 0.00	66.37 2.12 0.00	59.85 1.86 0.00	58.53 2.03 0.00	54.68 1.59 0.00	52.08 1.86 0.00	52.28 1.37 0.00	55.66 1.36 0.00	60.74 1.19 0.00	67.53 0.93 0.00	72.69 0.72 0.00	69.74 0.83 0.00	63.43 0.75 0.00	60.95 0.72 0.00	56.87 0.79 0.00	51.48 1.26 0.00	46.51 1.22 0.00
QUAKERRD_115KV_BK1 80622	62.01 -3.75 0.00	58.24 -3.72 0.00	53.75 -3.31 0.00	53.92 -3.56 0.00	53.04 -3.45 0.00	53.93 -4.31 0.00	57.33 -5.60 0.00	66.27 -6.47 0.00	58.59 -5.65 0.00	53.64 -4.35 0.00	52.20 -4.29 0.00	49.53 -3.56 0.00	46.66 -3.57 0.00	47.04 -3.87 0.00	50.28 -4.02 0.00	54.97 -4.59 0.00	62.27 -4.33 0.00	67.36 -4.61 0.00	64.36 -4.55 0.00	58.67 -4.01 0.00	56.79 -3.43 0.00	52.67 -3.42 0.00	47.11 -3.11 0.00	42.89 -2.40 0.00
QUENSBRY_115KV_TB8 356137	69.30 3.55 0.00	65.18 3.22 0.00	59.91 2.85 0.00	60.54 3.05 0.00	59.60 3.11 0.00	61.86 3.61 0.00	67.02 4.09 0.00	77.39 4.66 0.00	68.36 4.11 0.00	60.95 2.96 0.00	59.32 2.82 0.00	55.47 2.39 0.00	52.28 2.06 0.00	53.09 2.19 0.00	56.85 2.55 0.00	62.83 3.28 0.00	70.39 3.80 0.00	75.78 3.81 0.00	73.05 4.13 0.00	66.50 3.82 0.00	63.90 3.67 0.00	59.45 3.37 0.00	54.34 4.12 0.00	48.91 3.62 0.00
RAMAPO___LBMP 323565	67.59 1.84 0.00	63.38 1.43 0.00	58.31 1.26 0.00	58.87 1.38 0.00	57.85 1.36 0.00	60.11 1.86 0.00	65.83 2.89 0.00	76.30 3.56 0.00	67.39 3.15 0.00	60.89 2.90 0.00	59.61 3.11 0.00	55.90 2.81 0.00	52.98 2.76 0.00	54.01 3.11 0.00	57.50 3.20 0.00	63.13 3.57 0.00	70.32 3.73 0.00	76.07 4.10 0.00	72.70 3.79 0.00	66.00 3.32 0.00	63.35 3.13 0.00	59.12 3.03 0.00	52.63 2.41 0.00	47.15 1.86 0.00
RANKINE____ 23646	62.33 -3.42 0.00	58.37 -3.59 0.00	53.86 -3.20 0.00	53.92 -3.56 0.00	52.88 -3.62 0.00	52.71 -5.53 0.00	54.94 -7.99 0.00	62.99 -9.75 0.00	55.96 -8.29 0.00	52.25 -5.74 0.00	51.02 -5.48 0.00	48.89 -4.19 0.00	45.80 -4.42 0.00	45.92 -4.99 0.00	49.03 -5.27 0.00	52.88 -6.67 0.00	60.73 -5.86 0.00	66.14 -5.83 0.00	62.71 -6.20 0.00	57.48 -5.20 0.00	55.83 -4.40 0.00	51.77 -4.32 0.00	46.50 -3.72 0.00	42.98 -2.31 0.00
RAVENSWOOD_GT2_1 24244	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.81 2.56 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.68 4.18 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.26 4.03 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.69 2.40 0.00
RAVENSWOOD_GT2_2 24245	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.81 2.56 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.68 4.18 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.26 4.03 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.69 2.40 0.00



RAVENSWOOD_GT2_3 24246	68.52 2.76 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.56 2.07 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.74 4.24 0.00	56.96 3.88 0.00	53.94 3.72 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.59 4.99 0.00	77.44 5.47 0.00	73.87 4.96 0.00	67.06 4.39 0.00	64.32 4.10 0.00	60.07 3.98 0.00	53.38 3.16 0.00	47.74 2.45 0.00
RAVENSWOOD_GT2_4 24247	68.52 2.76 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.56 2.07 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.74 4.24 0.00	56.96 3.88 0.00	53.94 3.72 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.59 4.99 0.00	77.44 5.47 0.00	73.87 4.96 0.00	67.06 4.39 0.00	64.32 4.10 0.00	60.07 3.98 0.00	53.38 3.16 0.00	47.74 2.45 0.00
RAVENSWOOD_GT3_1 24248	68.45 2.70 0.00	64.07 2.11 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.68 4.18 0.00	56.96 3.88 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.74 2.45 0.00
RAVENSWOOD_GT3_2 24249	68.45 2.70 0.00	64.07 2.11 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.68 4.18 0.00	56.96 3.88 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.74 2.45 0.00
RAVENSWOOD_GT3_3 24250	68.52 2.76 0.00	64.13 2.17 0.00	59.00 1.94 0.00	59.56 2.07 0.00	58.58 2.09 0.00	60.92 2.68 0.00	66.90 3.96 0.00	77.61 4.87 0.00	68.61 4.37 0.00	62.11 4.12 0.00	60.79 4.29 0.00	57.01 3.93 0.00	53.99 3.77 0.00	55.08 4.17 0.00	58.64 4.34 0.00	64.32 4.76 0.00	71.66 5.06 0.00	77.51 5.54 0.00	73.94 5.03 0.00	67.13 4.45 0.00	64.38 4.16 0.00	60.13 4.04 0.00	53.43 3.21 0.00	47.78 2.49 0.00
RAVENSWOOD_GT3_4 24251	68.52 2.76 0.00	64.13 2.17 0.00	59.00 1.94 0.00	59.56 2.07 0.00	58.58 2.09 0.00	60.92 2.68 0.00	66.90 3.96 0.00	77.61 4.87 0.00	68.61 4.37 0.00	62.11 4.12 0.00	60.79 4.29 0.00	57.01 3.93 0.00	53.99 3.77 0.00	55.08 4.17 0.00	58.64 4.34 0.00	64.32 4.76 0.00	71.66 5.06 0.00	77.51 5.54 0.00	73.94 5.03 0.00	67.13 4.45 0.00	64.38 4.16 0.00	60.13 4.04 0.00	53.43 3.21 0.00	47.78 2.49 0.00
RAVENSWOOD_GT_1 23729	68.78 3.02 0.00	64.25 2.29 0.00	59.28 2.23 0.00	59.90 2.41 0.00	58.86 2.37 0.00	61.21 2.97 0.00	67.21 4.28 0.00	77.98 5.24 0.00	68.94 4.69 0.00	62.40 4.41 0.00	61.07 4.58 0.00	57.28 4.19 0.00	54.24 4.02 0.00	55.33 4.43 0.00	58.92 4.62 0.00	64.61 5.06 0.00	71.99 5.39 0.00	77.87 5.90 0.00	74.29 5.38 0.00	67.44 4.76 0.00	64.68 4.46 0.00	60.35 4.26 0.00	53.58 3.36 0.00	47.92 2.63 0.00
RAVENSWOOD_GT_10 24258	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.81 2.56 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.68 4.18 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.20 4.65 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.26 4.03 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.69 2.40 0.00
RAVENSWOOD_GT_11 24259	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.81 2.56 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.68 4.18 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.20 4.65 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.26 4.03 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.69 2.40 0.00
RAVENSWOOD_GT_4 24252	68.58 2.83 0.00	64.07 2.11 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.74 4.24 0.00	56.96 3.88 0.00	53.94 3.72 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.74 2.45 0.00
RAVENSWOOD_GT_5 24254	68.58 2.83 0.00	64.07 2.11 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.74 4.24 0.00	56.96 3.88 0.00	53.94 3.72 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.74 2.45 0.00
RAVENSWOOD_GT_6 24253	68.58 2.83 0.00	64.07 2.11 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.74 4.24 0.00	56.96 3.88 0.00	53.94 3.72 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.74 2.45 0.00
RAVENSWOOD_GT_7 24255	68.58 2.83 0.00	64.07 2.11 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.52 2.03 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.74 4.24 0.00	56.96 3.88 0.00	53.94 3.72 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.26 4.70 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.74 2.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.81 2.56 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.68 4.18 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.20 4.65 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.26 4.03 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.69 2.40 0.00
RAVENSWOOD_GT_9 24257	68.45 2.70 0.00	64.07 2.11 0.00	58.94 1.88 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.81 2.56 0.00	66.83 3.90 0.00	77.54 4.80 0.00	68.55 4.30 0.00	62.05 4.06 0.00	60.68 4.18 0.00	56.90 3.82 0.00	53.89 3.67 0.00	55.03 4.12 0.00	58.59 4.29 0.00	64.20 4.65 0.00	71.52 4.93 0.00	77.37 5.40 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.26 4.03 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.69 2.40 0.00



RAVENSWOOD___1 23533	68.72 2.96 0.00	64.00 2.04 0.00	59.18 2.11 -0.01	59.80 2.30 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.15 3.21 -0.01	76.96 4.22 -0.01	68.30 4.05 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.18 4.09 -0.01	54.15 3.92 -0.01	55.24 4.32 -0.01	58.76 4.45 -0.01	64.26 4.70 -0.01	71.53 4.93 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.57 4.34 -0.01	60.35 4.26 0.00	53.64 3.42 0.00	47.92 2.63 0.00
RAVENSWOOD___2 23534	68.72 2.96 0.00	63.94 1.98 0.00	59.18 2.11 -0.01	59.80 2.30 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.15 3.21 -0.01	76.89 4.14 -0.01	68.30 4.05 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.18 4.09 -0.01	54.15 3.92 -0.01	55.24 4.32 -0.01	58.76 4.45 -0.01	64.26 4.70 -0.01	71.53 4.93 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.57 4.34 -0.01	60.35 4.26 0.00	53.64 3.42 0.00	47.92 2.63 0.00
RAVENSWOOD___3 23535	68.45 2.70 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.96 0.00	58.35 1.86 0.00	60.75 2.50 0.00	66.26 3.33 0.00	76.88 4.14 0.00	68.23 3.98 0.00	61.82 3.83 0.00	60.51 4.01 0.00	56.80 3.71 0.00	53.79 3.57 0.00	54.92 4.02 0.00	58.38 4.07 0.00	63.90 4.35 0.00	71.25 4.66 0.00	76.93 4.96 0.00	73.39 4.48 0.00	66.69 4.01 0.00	64.20 3.97 0.00	60.01 3.92 0.00	53.44 3.22 0.00	47.74 2.44 0.00
RAVENSWOOD___4 23820	68.72 2.96 0.00	63.94 1.98 0.00	59.18 2.11 -0.01	59.80 2.30 -0.01	58.70 2.20 -0.01	60.93 2.68 -0.01	66.15 3.21 -0.01	76.89 4.14 -0.01	68.30 4.05 -0.01	62.12 4.12 -0.01	60.92 4.41 -0.01	57.18 4.09 -0.01	54.15 3.92 -0.01	55.24 4.32 -0.01	58.76 4.45 -0.01	64.26 4.70 -0.01	71.53 4.93 -0.01	77.30 5.33 -0.01	73.67 4.75 -0.01	66.82 4.14 -0.01	64.57 4.34 -0.01	60.35 4.26 0.00	53.64 3.42 0.00	47.92 2.63 0.00
RCPL_TRUST___DRP 24196	68.45 2.70 0.00	64.00 2.04 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.61 4.87 0.00	68.61 4.37 0.00	62.11 4.12 0.00	60.79 4.29 0.00	57.01 3.93 0.00	53.99 3.77 0.00	55.08 4.17 0.00	58.64 4.34 0.00	64.32 4.76 0.00	71.66 5.06 0.00	77.44 5.47 0.00	73.94 5.03 0.00	67.06 4.39 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.38 3.16 0.00	47.74 2.45 0.00
RED___ROCHESTER 323720	63.71 -2.04 0.00	59.85 -2.11 0.00	55.01 -2.05 0.00	55.19 -2.30 0.00	54.34 -2.15 0.00	55.04 -3.20 0.00	59.35 -3.58 0.00	68.01 -4.73 0.00	60.07 -4.17 0.00	55.15 -2.84 0.00	53.56 -2.94 0.00	50.64 -2.44 0.00	47.91 -2.31 0.00	48.20 -2.70 0.00	51.80 -2.50 0.00	56.87 -2.68 0.00	64.00 -2.60 0.00	69.52 -2.45 0.00	66.50 -2.41 0.00	60.67 -2.01 0.00	58.24 -1.99 0.00	53.84 -2.25 0.00	48.16 -2.06 0.00	43.98 -1.31 0.00
REGAN___SOLAR 323812	69.11 3.35 0.00	65.12 3.16 0.00	59.80 2.74 0.00	60.36 2.87 0.00	59.43 2.94 0.00	61.68 3.44 0.00	67.08 4.15 0.00	77.46 4.73 0.00	67.52 3.27 0.00	59.26 1.27 0.00	57.35 0.85 0.00	53.46 0.37 0.00	50.58 0.35 0.00	51.46 0.56 0.00	55.55 1.25 0.00	62.05 2.50 0.00	70.52 3.93 0.00	76.14 4.17 0.00	73.32 4.41 0.00	66.75 4.07 0.00	64.08 3.86 0.00	59.57 3.48 0.00	53.08 2.86 0.00	47.74 2.44 0.00
RENSSELAER___COGEN 23796	67.46 1.71 0.00	63.51 1.55 0.00	58.49 1.43 0.00	59.04 1.55 0.00	58.02 1.53 0.00	60.05 1.81 0.00	64.44 1.51 0.00	73.97 1.24 0.00	65.46 1.22 0.00	58.98 0.98 0.00	57.63 1.13 0.00	54.09 1.01 0.00	51.17 0.95 0.00	51.97 1.07 0.00	55.44 1.14 0.00	60.86 1.31 0.00	67.93 1.33 0.00	73.26 1.30 0.00	70.22 1.31 0.00	64.00 1.32 0.00	61.55 1.32 0.00	57.38 1.29 0.00	51.62 1.40 0.00	46.74 1.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	72.46 6.71 0.00	68.15 6.20 0.00	62.54 5.48 0.00	63.24 5.75 0.00	62.31 5.82 0.00	64.77 6.52 0.00	70.29 7.36 0.00	81.25 8.51 0.00	71.63 7.39 0.00	63.38 5.39 0.00	61.64 5.14 0.00	57.54 4.46 0.00	54.14 3.92 0.00	54.98 4.07 0.00	59.08 4.78 0.00	65.45 5.90 0.00	73.79 7.19 0.00	79.24 7.27 0.00	76.70 7.79 0.00	69.82 7.15 0.00	67.03 6.81 0.00	62.26 6.17 0.00	56.65 6.43 0.00	50.91 5.62 0.00
REVERE_CPPR_DRP 24186	67.86 2.10 0.00	64.00 2.04 0.00	59.00 1.94 0.00	59.16 1.67 0.00	58.30 1.81 0.00	60.17 1.92 0.00	65.13 2.20 0.00	75.50 2.76 0.00	66.56 2.31 0.00	59.73 1.74 0.00	58.02 1.53 0.00	54.46 1.38 0.00	51.53 1.31 0.00	52.23 1.32 0.00	55.88 1.57 0.00	61.52 1.97 0.00	68.79 2.20 0.00	74.34 2.37 0.00	71.39 2.48 0.00	64.87 2.19 0.00	62.33 2.11 0.00	57.99 1.91 0.00	51.78 1.56 0.00	46.65 1.36 0.00
REYNLDPA_13_KV_LD 356490	66.61 0.85 0.00	63.01 1.05 0.00	58.03 0.97 0.00	58.52 1.04 0.00	57.45 0.96 0.00	59.06 0.82 0.00	63.81 0.88 0.00	73.76 1.02 0.00	65.14 0.90 0.00	58.74 0.75 0.00	57.12 0.62 0.00	53.72 0.64 0.00	50.78 0.55 0.00	51.36 0.46 0.00	54.68 0.38 0.00	59.85 0.30 0.00	66.79 0.20 0.00	72.04 0.07 0.00	68.98 0.07 0.00	62.74 0.06 0.00	60.34 0.12 0.00	56.14 0.06 0.00	50.47 0.25 0.00	45.52 0.23 0.00
REYNOLDS_115KV_TB3 80639	67.53 1.78 0.00	63.51 1.55 0.00	58.43 1.37 0.00	59.10 1.61 0.00	58.07 1.58 0.00	60.11 1.86 0.00	64.82 1.89 0.00	74.49 1.75 0.00	65.85 1.61 0.00	59.38 1.39 0.00	57.91 1.41 0.00	54.41 1.33 0.00	51.48 1.26 0.00	52.28 1.37 0.00	55.77 1.47 0.00	61.22 1.67 0.00	68.33 1.73 0.00	73.70 1.73 0.00	70.70 1.79 0.00	64.37 1.69 0.00	61.85 1.63 0.00	57.66 1.57 0.00	51.73 1.51 0.00	46.83 1.54 0.00
RIVERBAY____ 323610	69.30 3.55 0.00	64.44 2.48 0.00	59.50 2.45 0.02	60.06 2.59 0.02	59.07 2.60 0.02	61.37 3.15 0.02	67.38 4.47 0.02	78.18 5.46 0.02	69.11 4.88 0.02	62.50 4.52 0.02	61.17 4.69 0.02	57.37 4.30 0.02	54.27 4.07 0.02	55.42 4.53 0.02	59.01 4.72 0.02	64.72 5.18 0.02	72.04 5.46 0.02	77.93 5.97 0.02	74.41 5.51 0.02	67.49 4.83 0.02	64.78 4.58 0.02	60.46 4.37 0.00	53.69 3.47 0.00	48.14 2.85 0.00
RIVERSDE_115KV_TB3 55908	67.73 1.97 0.00	63.69 1.73 0.00	58.60 1.54 0.00	59.21 1.72 0.00	58.19 1.69 0.00	60.22 1.98 0.00	64.82 1.89 0.00	74.34 1.60 0.00	65.79 1.54 0.00	59.27 1.28 0.00	57.85 1.36 0.00	54.30 1.22 0.00	51.38 1.16 0.00	52.18 1.27 0.00	55.71 1.41 0.00	61.16 1.61 0.00	68.26 1.66 0.00	73.62 1.66 0.00	70.63 1.72 0.00	64.31 1.63 0.00	61.73 1.51 0.00	57.60 1.51 0.00	51.78 1.56 0.00	46.88 1.59 0.00
ROARING___BROOK_WT_PWR 323790	65.56 -0.20 0.00	61.77 -0.19 0.00	56.60 -0.46 0.00	56.68 -0.80 0.00	55.48 -1.02 0.00	57.14 -1.11 0.00	61.61 -1.32 0.00	71.14 -1.60 0.00	62.70 -1.54 0.00	56.43 -1.56 0.00	54.92 -1.58 0.00	51.54 -1.54 0.00	48.76 -1.46 0.00	49.38 -1.53 0.00	52.62 -1.68 0.00	57.71 -1.85 0.00	64.46 -2.13 0.00	69.59 -2.37 0.00	66.70 -2.21 0.00	60.61 -2.07 0.00	58.24 -1.99 0.00	54.24 -1.85 0.00	48.56 -1.66 0.00	43.80 -1.49 0.00



ROCHESRG_115KV_T4 355643	62.73 -3.02 0.00	58.92 -3.04 0.00	54.32 -2.74 0.00	54.50 -2.99 0.00	53.67 -2.82 0.00	54.28 -3.96 0.00	57.39 -5.54 0.00	66.34 -6.40 0.00	58.66 -5.59 0.00	53.99 -4.00 0.00	52.60 -3.90 0.00	50.00 -3.08 0.00	47.06 -3.16 0.00	47.34 -3.56 0.00	50.66 -3.64 0.00	55.21 -4.35 0.00	62.73 -3.86 0.00	67.94 -4.03 0.00	64.78 -4.13 0.00	59.10 -3.57 0.00	57.27 -2.95 0.00	53.11 -2.97 0.00	47.51 -2.71 0.00	43.43 -1.86 0.00
ROCHESTER_9_IC 23652	63.26 -2.50 0.00	59.42 -2.54 0.00	54.78 -2.28 0.00	54.90 -2.59 0.00	54.06 -2.43 0.00	54.75 -3.49 0.00	57.90 -5.03 0.00	66.99 -5.75 0.00	59.17 -5.08 0.00	54.40 -3.60 0.00	52.99 -3.50 0.00	50.38 -2.71 0.00	47.41 -2.81 0.00	47.75 -3.16 0.00	51.04 -3.26 0.00	55.74 -3.81 0.00	63.33 -3.26 0.00	68.51 -3.45 0.00	65.40 -3.51 0.00	59.67 -3.01 0.00	57.81 -2.41 0.00	53.56 -2.52 0.00	47.86 -2.36 0.00	43.75 -1.54 0.00
ROCKVIEW_13_KV_LD 356306	68.52 2.76 0.00	64.13 2.17 0.00	59.00 1.94 0.00	59.62 2.13 0.00	58.58 2.09 0.00	60.86 2.62 0.00	66.77 3.84 0.00	77.39 4.66 0.00	68.42 4.18 0.00	61.88 3.89 0.00	60.57 4.07 0.00	56.80 3.72 0.00	53.84 3.62 0.00	54.93 4.02 0.00	58.48 4.18 0.00	64.14 4.59 0.00	71.52 4.93 0.00	77.29 5.33 0.00	73.87 4.96 0.00	67.00 4.32 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.33 3.11 0.00	47.74 2.45 0.00
ROME____115KV_TB2 80656	67.86 2.10 0.00	64.00 2.04 0.00	59.00 1.94 0.00	59.16 1.67 0.00	58.30 1.81 0.00	60.17 1.92 0.00	65.13 2.20 0.00	75.50 2.76 0.00	66.56 2.31 0.00	59.73 1.74 0.00	58.02 1.53 0.00	54.46 1.38 0.00	51.53 1.31 0.00	52.23 1.32 0.00	55.88 1.57 0.00	61.52 1.97 0.00	68.79 2.20 0.00	74.34 2.37 0.00	71.39 2.48 0.00	64.87 2.19 0.00	62.33 2.11 0.00	57.99 1.91 0.00	51.78 1.56 0.00	46.65 1.36 0.00
ROSETON___1 23587	67.72 1.97 0.00	63.44 1.48 0.00	58.43 1.37 0.00	59.04 1.55 0.00	57.90 1.41 0.00	60.16 1.92 0.00	65.38 2.45 0.00	75.79 3.05 0.00	67.07 2.82 0.00	60.60 2.61 0.00	59.27 2.77 0.00	55.63 2.55 0.00	52.68 2.46 0.00	53.75 2.85 0.00	57.18 2.88 0.00	62.65 3.09 0.00	69.99 3.39 0.00	75.56 3.60 0.00	72.22 3.31 0.00	65.62 2.95 0.00	63.17 2.95 0.00	58.95 2.86 0.00	52.58 2.36 0.00	47.06 1.76 0.00
ROSETON___2 23588	67.72 1.97 0.00	63.44 1.48 0.00	58.43 1.37 0.00	59.04 1.55 0.00	57.90 1.41 0.00	60.16 1.92 0.00	65.38 2.45 0.00	75.79 3.05 0.00	67.07 2.82 0.00	60.60 2.61 0.00	59.27 2.77 0.00	55.63 2.55 0.00	52.68 2.46 0.00	53.75 2.85 0.00	57.18 2.88 0.00	62.65 3.09 0.00	69.99 3.39 0.00	75.56 3.60 0.00	72.22 3.31 0.00	65.62 2.95 0.00	63.17 2.95 0.00	58.95 2.86 0.00	52.58 2.36 0.00	47.06 1.76 0.00
ROTTRDAM_115KV_TB3 80664	67.40 1.64 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.93 1.44 0.00	57.96 1.47 0.00	59.93 1.69 0.00	64.82 1.89 0.00	74.92 2.18 0.00	66.11 1.86 0.00	59.38 1.39 0.00	57.91 1.41 0.00	54.30 1.22 0.00	51.38 1.16 0.00	52.13 1.22 0.00	55.66 1.36 0.00	61.22 1.67 0.00	68.59 2.00 0.00	74.06 2.09 0.00	71.05 2.14 0.00	64.62 1.94 0.00	62.03 1.81 0.00	57.77 1.68 0.00	51.83 1.61 0.00	46.70 1.40 0.00
RUSSELL___1 23602	63.58 -2.17 0.00	59.73 -2.23 0.00	55.00 -2.05 0.00	55.19 -2.30 0.00	54.29 -2.20 0.00	54.98 -3.26 0.00	58.21 -4.72 0.00	67.36 -5.38 0.00	59.49 -4.75 0.00	54.69 -3.31 0.00	53.28 -3.22 0.00	50.64 -2.44 0.00	47.66 -2.56 0.00	48.00 -2.90 0.00	51.31 -2.99 0.00	56.04 -3.51 0.00	63.73 -2.86 0.00	68.95 -3.02 0.00	65.81 -3.10 0.00	60.05 -2.63 0.00	58.24 -1.99 0.00	53.84 -2.24 0.00	48.16 -2.06 0.00	43.98 -1.31 0.00
RUSSELL___2 23532	63.58 -2.17 0.00	59.73 -2.23 0.00	55.00 -2.05 0.00	55.19 -2.30 0.00	54.29 -2.20 0.00	54.98 -3.26 0.00	58.21 -4.72 0.00	67.36 -5.38 0.00	59.49 -4.75 0.00	54.69 -3.31 0.00	53.28 -3.22 0.00	50.64 -2.44 0.00	47.66 -2.56 0.00	48.00 -2.90 0.00	51.31 -2.99 0.00	56.04 -3.51 0.00	63.73 -2.86 0.00	68.95 -3.02 0.00	65.81 -3.10 0.00	60.05 -2.63 0.00	58.24 -1.99 0.00	53.84 -2.24 0.00	48.16 -2.06 0.00	43.98 -1.31 0.00
RUSSELL___3 23549	63.58 -2.17 0.00	59.73 -2.23 0.00	55.00 -2.05 0.00	55.19 -2.30 0.00	54.29 -2.20 0.00	54.98 -3.26 0.00	58.21 -4.72 0.00	67.36 -5.38 0.00	59.49 -4.75 0.00	54.69 -3.31 0.00	53.28 -3.22 0.00	50.64 -2.44 0.00	47.66 -2.56 0.00	48.00 -2.90 0.00	51.31 -2.99 0.00	56.04 -3.51 0.00	63.73 -2.86 0.00	68.95 -3.02 0.00	65.81 -3.10 0.00	60.05 -2.63 0.00	58.24 -1.99 0.00	53.84 -2.24 0.00	48.16 -2.06 0.00	43.98 -1.31 0.00
RUSSELL___4 23556	63.58 -2.17 0.00	59.73 -2.23 0.00	55.00 -2.05 0.00	55.19 -2.30 0.00	54.29 -2.20 0.00	54.98 -3.26 0.00	58.21 -4.72 0.00	67.36 -5.38 0.00	59.49 -4.75 0.00	54.69 -3.31 0.00	53.28 -3.22 0.00	50.64 -2.44 0.00	47.66 -2.56 0.00	48.00 -2.90 0.00	51.31 -2.99 0.00	56.04 -3.51 0.00	63.73 -2.86 0.00	68.95 -3.02 0.00	65.81 -3.10 0.00	60.05 -2.63 0.00	58.24 -1.99 0.00	53.84 -2.24 0.00	48.16 -2.06 0.00	43.98 -1.31 0.00
RUSSELL___STATION 23914	63.58 -2.17 0.00	59.73 -2.23 0.00	55.00 -2.05 0.00	55.19 -2.30 0.00	54.29 -2.20 0.00	54.98 -3.26 0.00	58.21 -4.72 0.00	67.36 -5.38 0.00	59.49 -4.75 0.00	54.69 -3.31 0.00	53.28 -3.22 0.00	50.64 -2.44 0.00	47.66 -2.56 0.00	48.00 -2.90 0.00	51.31 -2.99 0.00	56.04 -3.51 0.00	63.73 -2.86 0.00	68.95 -3.02 0.00	65.81 -3.10 0.00	60.05 -2.63 0.00	58.24 -1.99 0.00	53.84 -2.24 0.00	48.16 -2.06 0.00	43.98 -1.31 0.00
S SALMON___HYD 24043	65.36 -0.39 0.00	61.59 -0.37 0.00	56.72 -0.34 0.00	56.97 -0.52 0.00	56.10 -0.39 0.00	57.72 -0.53 0.00	62.49 -0.44 0.00	72.23 -0.51 0.00	63.73 -0.52 0.00	57.35 -0.64 0.00	55.71 -0.79 0.00	52.50 -0.58 0.00	49.72 -0.50 0.00	50.35 -0.56 0.00	53.86 -0.44 0.00	59.26 -0.30 0.00	66.20 -0.40 0.00	71.61 -0.36 0.00	68.57 -0.34 0.00	62.37 -0.31 0.00	59.80 -0.42 0.00	55.81 -0.28 0.00	49.97 -0.25 0.00	45.07 -0.23 0.00
S.PERRY___115KV_TB1 80734	64.44 -1.32 0.00	62.39 0.43 0.00	57.29 0.23 0.00	56.97 -0.52 0.00	55.87 -0.62 0.00	56.67 -1.57 0.00	60.48 -2.45 0.00	70.12 -2.62 0.00	61.55 -2.70 0.00	56.02 -1.97 0.00	54.24 -2.26 0.00	51.33 -1.75 0.00	48.41 -1.81 0.00	48.77 -2.14 0.00	52.35 -1.95 0.00	57.53 -2.02 0.00	65.40 -1.20 0.00	71.10 -0.86 0.00	67.95 -0.96 0.00	61.93 -0.75 0.00	59.86 -0.36 0.00	55.25 -0.84 0.00	49.17 -1.05 0.00	44.66 -0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	61.48 -4.27 0.00	57.50 -4.46 0.00	53.18 -3.88 0.00	53.23 -4.25 0.00	52.25 -4.24 0.00	52.01 -6.23 0.00	54.06 -8.87 0.00	61.97 -10.77 0.00	55.12 -9.12 0.00	51.55 -6.44 0.00	50.34 -6.16 0.00	48.31 -4.78 0.00	45.25 -4.97 0.00	45.30 -5.60 0.00	48.38 -5.92 0.00	52.17 -7.38 0.00	59.94 -6.66 0.00	65.20 -6.77 0.00	61.81 -7.10 0.00	56.66 -6.02 0.00	55.04 -5.18 0.00	51.15 -4.94 0.00	45.95 -4.27 0.00	42.53 -2.76 0.00



SAWYER___23_KV_LOAD 55526	61.48 -4.27 0.00	57.50 -4.46 0.00	53.18 -3.88 0.00	53.23 -4.25 0.00	52.25 -4.24 0.00	52.01 -6.23 0.00	54.06 -8.87 0.00	61.97 -10.77 0.00	55.12 -9.12 0.00	51.55 -6.44 0.00	50.34 -6.16 0.00	48.31 -4.78 0.00	45.25 -4.97 0.00	45.30 -5.60 0.00	48.38 -5.92 0.00	52.17 -7.38 0.00	59.94 -6.66 0.00	65.20 -6.77 0.00	61.81 -7.10 0.00	56.66 -6.02 0.00	55.04 -5.18 0.00	51.15 -4.94 0.00	45.95 -4.27 0.00	42.53 -2.76 0.00
SELKIRK___I 23801	67.79 2.04 0.00	63.88 1.92 0.00	58.83 1.77 0.00	59.33 1.84 0.00	58.30 1.81 0.00	60.28 2.04 0.00	64.88 1.95 0.00	74.56 1.82 0.00	65.85 1.61 0.00	59.21 1.22 0.00	57.74 1.24 0.00	54.20 1.12 0.00	51.28 1.06 0.00	52.08 1.17 0.00	55.60 1.30 0.00	61.16 1.61 0.00	68.46 1.86 0.00	73.84 1.87 0.00	70.77 1.86 0.00	64.43 1.75 0.00	62.03 1.80 0.00	57.77 1.68 0.00	51.87 1.65 0.00	46.83 1.54 0.00
SELKIRK___II 23799	67.27 1.51 0.00	63.32 1.36 0.00	58.31 1.25 0.00	58.87 1.38 0.00	57.84 1.35 0.00	59.82 1.57 0.00	64.38 1.45 0.00	73.97 1.24 0.00	65.46 1.22 0.00	59.04 1.04 0.00	57.63 1.13 0.00	54.09 1.01 0.00	51.17 0.95 0.00	51.97 1.07 0.00	55.44 1.14 0.00	60.86 1.31 0.00	68.00 1.40 0.00	73.33 1.36 0.00	70.29 1.38 0.00	64.00 1.32 0.00	61.55 1.32 0.00	57.38 1.29 0.00	51.48 1.26 0.00	46.56 1.27 0.00
SENECA OSWGO___HYD 24041	64.18 -1.58 0.00	60.41 -1.55 0.00	55.63 -1.42 0.00	55.94 -1.55 0.00	55.08 -1.41 0.00	56.61 -1.63 0.00	61.23 -1.70 0.00	70.78 -1.96 0.00	62.51 -1.73 0.00	56.48 -1.51 0.00	54.92 -1.58 0.00	51.70 -1.38 0.00	48.92 -1.31 0.00	49.53 -1.37 0.00	53.00 -1.30 0.00	58.19 -1.37 0.00	65.13 -1.47 0.00	70.53 -1.44 0.00	67.60 -1.31 0.00	61.48 -1.19 0.00	58.95 -1.27 0.00	54.85 -1.23 0.00	49.07 -1.15 0.00	44.29 -1.00 0.00
SENECA___115KV_TB3 355854	62.53 -3.22 0.00	58.67 -3.29 0.00	53.92 -3.14 0.00	54.04 -3.45 0.00	52.99 -3.50 0.00	52.77 -5.48 0.00	56.89 -6.04 0.00	64.08 -8.66 0.00	56.92 -7.33 0.00	53.00 -4.99 0.00	51.47 -5.03 0.00	48.94 -4.14 0.00	46.20 -4.02 0.00	46.27 -4.63 0.00	49.79 -4.51 0.00	54.13 -5.42 0.00	61.26 -5.33 0.00	67.00 -4.96 0.00	63.81 -5.10 0.00	58.48 -4.20 0.00	55.95 -4.27 0.00	51.88 -4.21 0.00	46.56 -3.66 0.00	43.03 -2.26 0.00
SENECA___ENERGY 23797	64.64 -1.12 0.00	60.78 -1.18 0.00	56.03 -1.03 0.00	56.28 -1.21 0.00	55.36 -1.13 0.00	56.73 -1.51 0.00	61.23 -1.70 0.00	70.70 -2.04 0.00	62.38 -1.87 0.00	56.60 -1.39 0.00	54.97 -1.52 0.00	51.81 -1.27 0.00	49.02 -1.21 0.00	49.53 -1.37 0.00	53.11 -1.19 0.00	58.30 -1.25 0.00	65.19 -1.40 0.00	70.89 -1.08 0.00	67.88 -1.03 0.00	61.86 -0.82 0.00	59.38 -0.84 0.00	55.08 -1.01 0.00	49.26 -0.96 0.00	44.56 -0.73 0.00
SHOEMAKER___GT 23640	67.46 1.71 0.00	63.32 1.36 0.00	58.26 1.20 0.00	58.87 1.38 0.00	57.79 1.30 0.00	59.93 1.69 0.00	65.13 2.20 0.00	75.43 2.69 0.00	66.75 2.50 0.00	60.19 2.20 0.00	58.82 2.32 0.00	55.21 2.13 0.00	52.28 2.06 0.00	53.30 2.39 0.00	56.75 2.45 0.00	62.29 2.74 0.00	69.66 3.07 0.00	75.21 3.24 0.00	71.94 3.03 0.00	65.31 2.63 0.00	62.87 2.65 0.00	58.67 2.58 0.00	52.33 2.11 0.00	46.88 1.58 0.00
SHOEMAKR_138KV_BK 111 55601	67.46 1.71 0.00	63.32 1.36 0.00	58.26 1.20 0.00	58.81 1.32 0.00	57.79 1.30 0.00	59.93 1.69 0.00	65.45 2.52 0.00	75.79 3.06 0.00	66.88 2.63 0.00	60.31 2.32 0.00	58.93 2.43 0.00	55.31 2.23 0.00	52.38 2.16 0.00	53.35 2.44 0.00	56.85 2.55 0.00	62.47 2.92 0.00	69.72 3.13 0.00	75.42 3.45 0.00	72.15 3.24 0.00	65.50 2.82 0.00	62.87 2.65 0.00	58.67 2.58 0.00	52.23 2.01 0.00	46.88 1.59 0.00
SHOREHAM_IC_1 23715	68.64 2.89 0.00	65.06 3.10 0.00	59.11 2.05 0.00	59.90 2.41 0.00	59.20 2.71 0.00	62.61 4.37 0.00	68.16 5.22 -0.01	77.83 5.09 0.00	69.77 5.53 0.00	61.65 3.66 0.00	60.91 4.41 0.00	57.44 4.35 0.00	54.79 4.57 0.00	56.26 5.34 -0.01	60.02 5.70 -0.02	67.57 5.72 -2.30	83.10 7.13 -9.38	88.28 6.98 -9.34	88.27 6.48 -12.88	82.38 5.96 -13.75	72.80 6.26 -6.31	65.26 5.89 -3.28	55.25 5.02 -0.01	49.33 4.03 -0.01
SHOREHAM_IC_2 23716	68.71 2.96 0.00	64.31 2.35 0.00	59.17 2.11 0.00	59.85 2.36 0.00	59.32 2.82 0.00	61.91 3.67 0.00	68.59 5.66 0.00	78.41 5.67 0.00	69.96 5.72 0.00	61.70 3.71 0.00	61.07 4.58 0.00	57.49 4.41 0.00	54.89 4.67 0.00	56.25 5.34 -0.02	60.18 5.86 -2.30	67.86 6.01 -2.30	83.30 7.33 -9.38	88.65 7.34 -9.34	88.62 6.82 -12.88	82.63 6.21 -13.75	72.86 6.32 -6.31	65.26 5.89 -3.28	55.19 4.97 0.00	49.32 4.03 0.00
SISSONVILLE____ 23735	66.81 1.05 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.81 1.32 0.00	57.56 1.07 0.00	58.94 0.70 0.00	63.75 0.82 0.00	73.68 0.95 0.00	65.14 0.90 0.00	58.92 0.93 0.00	57.40 0.90 0.00	53.67 0.58 0.00	51.13 0.90 0.00	51.57 0.66 0.00	54.84 0.54 0.00	59.73 0.18 0.00	66.26 -0.33 0.00	71.25 -0.72 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.75 -0.34 0.00	50.67 0.45 0.00	45.83 0.54 0.00
SITHE_IND_GS1 24169	63.19 -2.57 0.00	59.48 -2.48 0.00	54.77 -2.28 0.00	55.13 -2.36 0.00	54.23 -2.26 0.00	55.74 -2.50 0.00	60.23 -2.70 0.00	69.61 -3.13 0.00	61.48 -2.76 0.00	55.56 -2.43 0.00	54.13 -2.37 0.00	50.90 -2.18 0.00	48.16 -2.06 0.00	48.77 -2.14 0.00	52.13 -2.17 0.00	57.17 -2.38 0.00	64.00 -2.60 0.00	69.31 -2.66 0.00	66.36 -2.55 0.00	60.36 -2.32 0.00	57.93 -2.29 0.00	53.90 -2.19 0.00	48.26 -1.96 0.00	43.62 -1.67 0.00
SITHE_IND_GS2 24170	63.19 -2.57 0.00	59.48 -2.48 0.00	54.77 -2.28 0.00	55.13 -2.36 0.00	54.23 -2.26 0.00	55.74 -2.50 0.00	60.23 -2.70 0.00	69.61 -3.13 0.00	61.48 -2.76 0.00	55.56 -2.43 0.00	54.13 -2.37 0.00	50.90 -2.18 0.00	48.16 -2.06 0.00	48.77 -2.14 0.00	52.13 -2.17 0.00	57.17 -2.38 0.00	64.00 -2.60 0.00	69.31 -2.66 0.00	66.36 -2.55 0.00	60.36 -2.32 0.00	57.93 -2.29 0.00	53.90 -2.19 0.00	48.26 -1.96 0.00	43.62 -1.67 0.00
SITHE_IND_GS3 24171	63.19 -2.57 0.00	59.48 -2.48 0.00	54.77 -2.28 0.00	55.13 -2.36 0.00	54.23 -2.26 0.00	55.74 -2.50 0.00	60.23 -2.70 0.00	69.61 -3.13 0.00	61.48 -2.76 0.00	55.56 -2.43 0.00	54.13 -2.37 0.00	50.90 -2.18 0.00	48.16 -2.06 0.00	48.77 -2.14 0.00	52.13 -2.17 0.00	57.17 -2.38 0.00	64.00 -2.60 0.00	69.31 -2.66 0.00	66.36 -2.55 0.00	60.36 -2.32 0.00	57.93 -2.29 0.00	53.90 -2.19 0.00	48.26 -1.96 0.00	43.62 -1.67 0.00
SITHE_IND_GS4 24172	63.19 -2.57 0.00	59.48 -2.48 0.00	54.77 -2.28 0.00	55.13 -2.36 0.00	54.23 -2.26 0.00	55.74 -2.50 0.00	60.23 -2.70 0.00	69.61 -3.13 0.00	61.48 -2.76 0.00	55.56 -2.43 0.00	54.13 -2.37 0.00	50.90 -2.18 0.00	48.16 -2.06 0.00	48.77 -2.14 0.00	52.13 -2.17 0.00	57.17 -2.38 0.00	64.00 -2.60 0.00	69.31 -2.66 0.00	66.36 -2.55 0.00	60.36 -2.32 0.00	57.93 -2.29 0.00	53.90 -2.19 0.00	48.26 -1.96 0.00	43.62 -1.67 0.00



SITHE___BATAVIA 24024	63.12 -2.63 0.00	59.54 -2.42 0.00	54.44 -2.62 0.00	54.79 -2.70 0.00	53.67 -2.82 0.00	53.58 -4.66 0.00	57.77 -5.16 0.00	65.68 -7.05 0.00	58.01 -6.23 0.00	53.87 -4.12 0.00	52.26 -4.24 0.00	49.58 -3.51 0.00	46.86 -3.36 0.00	46.99 -3.92 0.00	50.61 -3.69 0.00	55.50 -4.05 0.00	62.73 -3.86 0.00	68.37 -3.60 0.00	65.32 -3.59 0.00	59.73 -2.94 0.00	57.27 -2.95 0.00	52.89 -3.19 0.00	47.41 -2.81 0.00	43.66 -1.63 0.00
SITHE___INDEPEND 23800	63.12 -2.63 0.00	59.42 -2.54 0.00	54.78 -2.28 0.00	55.07 -2.41 0.00	54.17 -2.32 0.00	55.74 -2.50 0.00	60.10 -2.83 0.00	69.54 -3.20 0.00	61.42 -2.83 0.00	55.50 -2.49 0.00	54.07 -2.43 0.00	50.91 -2.18 0.00	48.16 -2.06 0.00	48.77 -2.14 0.00	52.07 -2.23 0.00	57.05 -2.50 0.00	64.00 -2.60 0.00	69.16 -2.81 0.00	66.22 -2.69 0.00	60.30 -2.38 0.00	57.93 -2.29 0.00	53.90 -2.19 0.00	48.26 -1.96 0.00	43.62 -1.68 0.00
SITHE___MASSENA 23902	66.94 1.18 0.00	63.32 1.36 0.00	58.31 1.25 0.00	58.81 1.32 0.00	57.68 1.19 0.00	59.29 1.05 0.00	64.06 1.13 0.00	74.12 1.38 0.00	65.40 1.16 0.00	59.04 1.04 0.00	57.40 0.90 0.00	53.93 0.85 0.00	51.02 0.80 0.00	51.62 0.71 0.00	54.90 0.60 0.00	60.03 0.47 0.00	67.00 0.40 0.00	72.26 0.29 0.00	69.19 0.28 0.00	62.93 0.25 0.00	60.46 0.24 0.00	56.31 0.23 0.00	50.72 0.50 0.00	45.74 0.45 0.00
SITHE___OGDNSBRG 24021	67.86 2.10 0.00	64.31 2.35 0.00	59.23 2.17 0.00	59.67 2.18 0.00	58.52 2.03 0.00	60.05 1.81 0.00	65.01 2.08 0.00	75.14 2.40 0.00	66.37 2.12 0.00	59.79 1.80 0.00	58.81 2.32 0.00	54.89 1.80 0.00	52.23 2.01 0.00	52.18 1.27 0.00	55.55 1.25 0.00	60.74 1.19 0.00	67.66 1.07 0.00	72.98 1.01 0.00	69.94 1.03 0.00	63.62 0.94 0.00	61.13 0.90 0.00	56.98 0.90 0.00	51.48 1.26 0.00	46.42 1.13 0.00
SITHE___STERLING 23777	67.27 1.51 0.00	63.44 1.48 0.00	58.43 1.37 0.00	58.75 1.26 0.00	57.79 1.30 0.00	59.64 1.40 0.00	64.63 1.70 0.00	74.77 2.03 0.00	65.98 1.74 0.00	59.26 1.27 0.00	57.63 1.13 0.00	54.09 1.01 0.00	51.17 0.95 0.00	51.87 0.96 0.00	55.49 1.19 0.00	61.04 1.49 0.00	68.26 1.67 0.00	73.84 1.87 0.00	70.77 1.86 0.00	64.37 1.69 0.00	61.73 1.51 0.00	57.43 1.34 0.00	51.32 1.10 0.00	46.29 1.00 0.00
SLEIGHT__34_KV_TB1 80719	63.78 -1.97 0.00	59.85 -2.11 0.00	55.18 -1.88 0.00	55.36 -2.13 0.00	54.57 -1.92 0.00	55.56 -2.68 0.00	59.41 -3.52 0.00	68.81 -3.93 0.00	60.78 -3.47 0.00	55.38 -2.61 0.00	53.84 -2.66 0.00	50.96 -2.12 0.00	48.06 -2.16 0.00	48.51 -2.39 0.00	51.91 -2.39 0.00	56.87 -2.68 0.00	64.26 -2.33 0.00	69.59 -2.37 0.00	66.50 -2.41 0.00	60.61 -2.07 0.00	58.54 -1.69 0.00	54.24 -1.85 0.00	48.46 -1.76 0.00	44.02 -1.27 0.00
SMITHTWN_69_KV_BK 1 55830	69.30 3.55 0.00	64.87 2.91 0.00	59.40 2.34 0.00	60.08 2.59 0.00	59.48 2.99 0.00	62.09 3.84 0.00	68.72 5.79 0.00	78.49 5.75 0.00	69.77 5.53 0.00	61.99 4.00 0.00	61.02 4.52 0.00	57.49 4.41 0.00	54.59 4.37 0.00	56.25 5.34 0.00	60.13 5.81 -0.02	68.04 6.19 -2.30	83.03 7.06 -9.38	88.86 7.56 -9.34	88.82 7.03 -12.88	82.69 6.27 -13.75	72.62 6.08 -6.31	65.04 5.66 -3.28	55.09 4.87 0.00	49.23 3.94 0.00
SOUTH CAIRO___GT 23612	70.23 4.47 0.00	66.17 4.21 0.00	60.71 3.65 0.00	61.34 3.85 0.00	60.33 3.84 0.00	62.55 4.31 0.00	67.52 4.59 0.00	77.47 4.73 0.00	68.10 3.85 0.00	60.66 2.67 0.00	58.87 2.37 0.00	55.10 2.02 0.00	52.23 2.01 0.00	53.04 2.14 0.00	56.80 2.50 0.00	63.07 3.51 0.00	70.86 4.26 0.00	76.50 4.53 0.00	73.46 4.55 0.00	66.75 4.07 0.00	64.14 3.91 0.00	59.73 3.65 0.00	53.48 3.26 0.00	48.33 3.03 0.00
SOUTH HAMPTN___IC 23720	69.57 3.81 0.00	65.86 3.91 0.00	59.80 2.74 0.00	60.65 3.16 0.00	59.94 3.45 0.00	63.25 5.01 0.00	69.04 6.10 -0.01	78.85 6.11 0.00	70.55 6.30 0.00	62.40 4.41 0.00	61.58 5.09 0.00	58.02 4.94 0.00	55.29 5.07 0.00	56.81 5.90 -0.01	60.61 6.30 -0.02	68.34 6.49 -2.30	83.83 7.85 -9.38	89.22 7.92 -9.34	89.24 7.44 -12.88	83.19 6.77 -13.75	73.52 6.98 -6.31	65.87 6.50 -3.28	55.80 5.57 -0.01	49.83 4.53 -0.01
SOUTHDOW_115KV_TB1 355954	64.77 -0.99 0.00	60.29 -1.67 0.00	55.52 -1.54 0.00	55.48 -2.01 0.00	54.40 -2.09 0.00	54.75 -3.49 0.00	58.09 -4.85 0.00	66.70 -6.04 0.00	59.04 -5.20 0.00	54.63 -3.36 0.00	53.11 -3.39 0.00	50.64 -2.44 0.00	47.56 -2.66 0.00	47.70 -3.21 0.00	51.04 -3.26 0.00	55.21 -4.35 0.00	63.13 -3.46 0.00	69.09 -2.88 0.00	65.12 -3.79 0.00	59.61 -3.07 0.00	57.69 -2.53 0.00	53.34 -2.75 0.00	47.76 -2.46 0.00	44.02 -1.27 0.00
SOUTHOLD_69_KV_BK 2 55809	70.62 4.87 0.00	66.17 4.21 0.00	60.77 3.71 0.00	61.51 4.02 0.00	61.01 4.52 0.00	63.66 5.42 0.00	70.55 7.61 0.00	80.60 7.86 0.00	71.83 7.58 0.00	63.38 5.39 0.00	62.54 6.05 0.00	58.87 5.79 0.00	56.05 5.83 0.00	57.52 6.62 0.00	61.59 7.28 -0.02	69.53 7.68 -2.30	85.17 9.19 -9.38	90.88 9.57 -9.34	90.75 8.96 -12.88	84.51 8.09 -13.75	74.60 8.07 -6.31	66.83 7.46 -3.28	56.50 6.28 0.00	50.50 5.21 0.00
SOUTHOLD___IC 23719	70.62 4.87 0.00	66.85 4.89 0.00	60.66 3.60 0.00	61.57 4.08 0.00	60.90 4.41 0.00	64.24 6.00 0.00	70.11 7.17 -0.01	80.08 7.34 0.00	71.63 7.39 0.00	63.38 5.39 0.00	62.43 5.93 0.00	58.82 5.73 0.00	55.99 5.77 0.00	57.53 6.61 -0.01	61.43 7.11 -0.02	69.29 7.44 -2.30	84.96 8.99 -9.38	90.52 9.21 -9.34	90.48 8.68 -12.88	84.26 7.83 -13.75	74.54 8.01 -6.31	66.83 7.46 -3.28	56.56 6.33 -0.01	50.51 5.21 -0.01
SOUTH_FORK_WT_PWR 323839	70.69 4.93 0.00	66.92 4.96 0.00	60.77 3.71 0.00	61.68 4.19 0.00	61.01 4.52 0.00	64.36 6.11 0.00	70.24 7.30 -0.01	80.23 7.49 0.00	71.76 7.51 0.00	63.44 5.45 0.00	62.48 5.99 0.00	58.87 5.79 0.00	56.04 5.82 0.00	57.58 6.67 -0.01	61.49 7.17 -0.02	69.29 7.44 -2.30	84.96 8.99 -9.38	90.52 9.21 -9.34	90.48 8.68 -12.88	84.32 7.90 -13.75	74.54 8.01 -6.31	66.83 7.46 -3.28	56.56 6.33 -0.01	50.55 5.25 -0.01
SPIERFLS_115KV_TB 1 80737	68.58 2.83 0.00	64.44 2.48 0.00	59.28 2.23 0.00	59.90 2.41 0.00	58.98 2.49 0.00	61.16 2.91 0.00	66.20 3.27 0.00	76.45 3.71 0.00	67.52 3.28 0.00	60.31 2.32 0.00	58.70 2.20 0.00	54.94 1.86 0.00	51.73 1.51 0.00	52.53 1.63 0.00	56.26 1.95 0.00	62.05 2.50 0.00	69.52 2.93 0.00	74.85 2.88 0.00	72.15 3.24 0.00	65.62 2.95 0.00	63.05 2.83 0.00	58.78 2.69 0.00	53.84 3.62 0.00	48.51 3.22 0.00
ST LAWRENCE____ 23600	66.08 0.33 0.00	62.45 0.49 0.00	57.51 0.45 0.00	57.95 0.46 0.00	56.89 0.40 0.00	58.60 0.35 0.00	63.25 0.32 0.00	73.25 0.51 0.00	64.63 0.39 0.00	58.28 0.29 0.00	56.72 0.23 0.00	53.24 0.16 0.00	50.32 0.10 0.00	50.90 0.00 0.00	54.19 -0.11 0.00	59.32 -0.24 0.00	66.26 -0.33 0.00	71.54 -0.43 0.00	68.50 -0.41 0.00	62.24 -0.44 0.00	59.86 -0.36 0.00	55.70 -0.39 0.00	50.02 -0.20 0.00	45.11 -0.18 0.00



STATE_CA_115KV_115_LB 55624	67.99 2.24 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.95 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.01 2.08 0.00	74.49 1.75 0.00	65.92 1.67 0.00	59.32 1.33 0.00	57.91 1.41 0.00	54.41 1.33 0.00	51.48 1.26 0.00	52.28 1.37 0.00	55.82 1.52 0.00	61.28 1.73 0.00	68.33 1.73 0.00	73.70 1.73 0.00	70.70 1.79 0.00	64.43 1.75 0.00	61.85 1.63 0.00	57.66 1.57 0.00	51.88 1.66 0.00	47.01 1.72 0.00
STATE_ST_34_KV_LOAD 55959	65.29 -0.46 0.00	61.40 -0.56 0.00	56.60 -0.46 0.00	56.86 -0.63 0.00	55.93 -0.56 0.00	57.49 -0.76 0.00	61.99 -0.94 0.00	71.79 -0.95 0.00	63.35 -0.90 0.00	57.29 -0.70 0.00	55.65 -0.85 0.00	52.45 -0.64 0.00	49.57 -0.65 0.00	50.14 -0.76 0.00	53.70 -0.60 0.00	58.96 -0.60 0.00	66.13 -0.47 0.00	71.75 -0.22 0.00	68.70 -0.21 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	55.86 -0.22 0.00	49.87 -0.35 0.00	45.06 -0.23 0.00
STATION_5_MISC_HYD 23604	63.39 -2.36 0.00	59.54 -2.42 0.00	54.72 -2.34 0.00	54.96 -2.53 0.00	54.12 -2.37 0.00	54.75 -3.49 0.00	59.03 -3.90 0.00	67.65 -5.09 0.00	59.75 -4.50 0.00	54.86 -3.13 0.00	53.28 -3.22 0.00	50.38 -2.71 0.00	47.66 -2.56 0.00	47.95 -2.95 0.00	51.53 -2.77 0.00	56.52 -3.04 0.00	63.60 -3.00 0.00	69.09 -2.88 0.00	66.02 -2.89 0.00	60.23 -2.45 0.00	57.87 -2.35 0.00	53.56 -2.52 0.00	47.91 -2.31 0.00	43.75 -1.54 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	64.04 -1.71 0.00	60.16 -1.80 0.00	55.52 -1.54 0.00	55.71 -1.78 0.00	54.80 -1.69 0.00	55.86 -2.39 0.00	59.72 -3.21 0.00	69.18 -3.56 0.00	61.03 -3.21 0.00	55.67 -2.32 0.00	54.12 -2.37 0.00	51.28 -1.80 0.00	48.31 -1.91 0.00	48.82 -2.09 0.00	52.24 -2.06 0.00	57.17 -2.38 0.00	64.53 -2.06 0.00	69.88 -2.09 0.00	66.84 -2.07 0.00	60.86 -1.82 0.00	58.84 -1.39 0.00	54.57 -1.51 0.00	48.76 -1.46 0.00	44.29 -1.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	62.93 -2.83 0.00	59.05 -2.91 0.00	54.49 -2.57 0.00	54.61 -2.87 0.00	53.78 -2.71 0.00	54.52 -3.73 0.00	57.77 -5.16 0.00	66.85 -5.89 0.00	59.04 -5.20 0.00	54.16 -3.83 0.00	52.71 -3.79 0.00	50.06 -3.03 0.00	47.11 -3.11 0.00	47.49 -3.41 0.00	50.77 -3.53 0.00	55.50 -4.05 0.00	63.07 -3.53 0.00	68.23 -3.74 0.00	65.12 -3.79 0.00	59.42 -3.26 0.00	57.57 -2.65 0.00	53.34 -2.75 0.00	47.66 -2.56 0.00	43.52 -1.77 0.00
STA_56___34_KV_BUS2 355983	62.93 -2.83 0.00	59.05 -2.91 0.00	54.49 -2.57 0.00	54.61 -2.87 0.00	53.78 -2.71 0.00	54.52 -3.73 0.00	57.77 -5.16 0.00	66.85 -5.89 0.00	59.04 -5.20 0.00	54.16 -3.83 0.00	52.71 -3.79 0.00	50.06 -3.03 0.00	47.11 -3.11 0.00	47.49 -3.41 0.00	50.77 -3.53 0.00	55.50 -4.05 0.00	63.07 -3.53 0.00	68.23 -3.74 0.00	65.12 -3.79 0.00	59.42 -3.26 0.00	57.57 -2.65 0.00	53.34 -2.75 0.00	47.66 -2.56 0.00	43.52 -1.77 0.00
STA_67___115KV_BK2 355882	63.12 -2.63 0.00	59.29 -2.66 0.00	54.66 -2.40 0.00	54.79 -2.70 0.00	53.95 -2.54 0.00	54.63 -3.61 0.00	57.77 -5.16 0.00	66.77 -5.96 0.00	59.04 -5.20 0.00	54.28 -3.71 0.00	52.88 -3.62 0.00	50.27 -2.81 0.00	47.31 -2.91 0.00	47.65 -3.26 0.00	50.93 -3.37 0.00	55.56 -3.99 0.00	63.13 -3.46 0.00	68.37 -3.60 0.00	65.19 -3.72 0.00	59.48 -3.20 0.00	57.63 -2.59 0.00	53.39 -2.69 0.00	47.76 -2.46 0.00	43.66 -1.63 0.00
STA_7___115KV_9TRANS 80674	63.58 -2.17 0.00	59.73 -2.23 0.00	55.00 -2.05 0.00	55.19 -2.30 0.00	54.29 -2.20 0.00	54.98 -3.26 0.00	58.21 -4.72 0.00	67.36 -5.38 0.00	59.49 -4.75 0.00	54.69 -3.31 0.00	53.28 -3.22 0.00	50.64 -2.44 0.00	47.66 -2.56 0.00	48.00 -2.90 0.00	51.31 -2.99 0.00	56.04 -3.51 0.00	63.73 -2.86 0.00	68.95 -3.02 0.00	65.81 -3.10 0.00	60.05 -2.63 0.00	58.24 -1.99 0.00	53.84 -2.24 0.00	48.16 -2.06 0.00	43.98 -1.31 0.00
STA_82___115KV_TB1 80780	63.06 -2.70 0.00	59.23 -2.73 0.00	54.61 -2.45 0.00	54.79 -2.70 0.00	53.89 -2.60 0.00	54.57 -3.67 0.00	57.71 -5.22 0.00	66.70 -6.04 0.00	58.98 -5.27 0.00	54.22 -3.77 0.00	52.83 -3.67 0.00	50.22 -2.87 0.00	47.26 -2.96 0.00	47.60 -3.31 0.00	50.88 -3.42 0.00	55.50 -4.05 0.00	63.07 -3.53 0.00	68.30 -3.67 0.00	65.12 -3.79 0.00	59.42 -3.26 0.00	57.57 -2.65 0.00	53.34 -2.75 0.00	47.71 -2.51 0.00	43.62 -1.68 0.00
STEEL___WIND 323596	62.47 -3.29 0.00	58.61 -3.35 0.00	53.86 -3.19 0.00	53.98 -3.51 0.00	52.93 -3.56 0.00	52.71 -5.53 0.00	56.77 -6.16 0.00	64.01 -8.73 0.00	56.79 -7.45 0.00	52.95 -5.05 0.00	51.36 -5.14 0.00	48.89 -4.19 0.00	46.16 -4.07 0.00	46.17 -4.73 0.00	49.74 -4.56 0.00	54.02 -5.54 0.00	61.14 -5.46 0.00	66.93 -5.04 0.00	63.74 -5.17 0.00	58.35 -4.32 0.00	55.83 -4.39 0.00	51.77 -4.32 0.00	46.50 -3.72 0.00	42.98 -2.31 0.00
STEPHTWN_115KV_BK_2 55603	68.38 2.63 0.00	64.31 2.35 0.00	59.17 2.11 0.00	59.79 2.30 0.00	58.75 2.26 0.00	60.86 2.62 0.00	65.57 2.64 0.00	75.21 2.47 0.00	66.49 2.25 0.00	59.79 1.80 0.00	58.36 1.86 0.00	54.73 1.65 0.00	51.78 1.56 0.00	52.58 1.68 0.00	56.20 1.90 0.00	61.76 2.20 0.00	68.99 2.40 0.00	74.34 2.37 0.00	71.39 2.48 0.00	65.06 2.38 0.00	62.45 2.23 0.00	58.16 2.08 0.00	52.28 2.06 0.00	47.33 2.04 0.00
STEBEN_REC_LFGE 323667	65.69 -0.07 0.00	61.34 -0.62 0.00	56.37 -0.68 0.00	55.53 -1.95 0.00	54.12 -2.37 0.00	54.87 -3.38 0.00	58.65 -4.28 0.00	67.72 -5.02 0.00	59.43 -4.82 0.00	53.87 -4.12 0.00	52.15 -4.35 0.00	49.42 -3.66 0.00	46.66 -3.57 0.00	47.09 -3.82 0.00	50.55 -3.75 0.00	55.21 -4.35 0.00	62.00 -4.60 0.00	67.72 -4.25 0.00	64.57 -4.34 0.00	58.85 -3.82 0.00	56.61 -3.61 0.00	52.50 -3.59 0.00	46.75 -3.47 0.00	41.98 -3.31 0.00
STILLWATER___SOLAR 323814	68.64 2.89 0.00	64.56 2.60 0.00	59.40 2.34 0.00	59.96 2.47 0.00	58.97 2.48 0.00	61.04 2.80 0.00	66.01 3.08 0.00	76.23 3.49 0.00	67.33 3.08 0.00	60.31 2.32 0.00	58.70 2.20 0.00	54.99 1.91 0.00	51.98 1.76 0.00	52.79 1.88 0.00	56.42 2.12 0.00	62.17 2.62 0.00	69.73 3.13 0.00	75.21 3.24 0.00	72.22 3.31 0.00	65.75 3.07 0.00	63.17 2.95 0.00	58.83 2.75 0.00	52.63 2.41 0.00	47.78 2.49 0.00
STONY___BROOK 24151	69.17 3.42 0.00	65.18 3.22 0.00	59.23 2.17 0.00	60.08 2.59 0.00	59.31 2.82 0.00	62.32 4.08 0.00	68.23 5.29 -0.01	77.90 5.17 0.00	69.51 5.27 0.00	61.88 3.89 0.00	60.85 4.35 0.00	57.38 4.30 0.00	54.49 4.27 0.00	56.16 5.24 -0.01	59.91 5.59 -0.02	67.69 5.84 -2.30	82.77 6.80 -9.38	88.36 7.06 -9.34	88.35 6.55 -12.88	82.38 5.96 -13.75	72.50 5.96 -6.31	64.98 5.61 -3.28	55.10 4.87 -0.01	49.19 3.90 -0.01
STURGEON_POOL_HYD 23609	68.12 2.37 0.00	63.94 1.98 0.00	58.77 1.71 0.00	59.39 1.90 0.00	58.35 1.86 0.00	60.63 2.39 0.00	66.33 3.40 0.00	76.89 4.15 0.00	67.78 3.53 0.00	61.12 3.13 0.00	59.72 3.22 0.00	55.95 2.87 0.00	53.03 2.81 0.00	54.06 3.16 0.00	57.61 3.31 0.00	63.36 3.81 0.00	70.72 4.13 0.00	76.57 4.61 0.00	73.11 4.20 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.40 3.31 0.00	52.78 2.56 0.00	47.24 1.95 0.00



ST_LAW_115_BK7_LBMP 345037	66.08 0.33 0.00	62.52 0.56 0.00	57.57 0.51 0.00	58.01 0.52 0.00	56.94 0.45 0.00	58.65 0.41 0.00	63.31 0.38 0.00	73.25 0.51 0.00	64.70 0.45 0.00	58.34 0.35 0.00	56.72 0.23 0.00	53.30 0.21 0.00	50.37 0.15 0.00	50.95 0.05 0.00	54.25 -0.05 0.00	59.37 -0.18 0.00	66.26 -0.33 0.00	71.54 -0.43 0.00	68.50 -0.41 0.00	62.24 -0.44 0.00	59.86 -0.36 0.00	55.70 -0.39 0.00	50.07 -0.15 0.00	45.16 -0.14 0.00
ST_LAW_115_BK8_LBMP 345038	66.08 0.33 0.00	62.52 0.56 0.00	57.57 0.51 0.00	58.01 0.52 0.00	56.94 0.45 0.00	58.65 0.41 0.00	63.31 0.38 0.00	73.25 0.51 0.00	64.70 0.45 0.00	58.34 0.35 0.00	56.72 0.23 0.00	53.30 0.21 0.00	50.37 0.15 0.00	50.95 0.05 0.00	54.25 -0.05 0.00	59.37 -0.18 0.00	66.26 -0.33 0.00	71.54 -0.43 0.00	68.50 -0.41 0.00	62.24 -0.44 0.00	59.86 -0.36 0.00	55.70 -0.39 0.00	50.07 -0.15 0.00	45.16 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	66.08 0.33 0.00	62.45 0.49 0.00	57.51 0.45 0.00	57.95 0.46 0.00	56.89 0.40 0.00	58.60 0.35 0.00	63.25 0.32 0.00	73.25 0.51 0.00	64.63 0.39 0.00	58.28 0.29 0.00	56.72 0.23 0.00	53.24 0.16 0.00	50.32 0.10 0.00	50.90 0.00 0.00	54.19 -0.11 0.00	59.32 -0.24 0.00	66.26 -0.33 0.00	71.54 -0.43 0.00	68.50 -0.41 0.00	62.24 -0.44 0.00	59.86 -0.36 0.00	55.70 -0.39 0.00	50.02 -0.20 0.00	45.11 -0.18 0.00
ST_LAW_230_BK6_LBMP 345036	66.08 0.33 0.00	62.45 0.49 0.00	57.51 0.45 0.00	57.95 0.46 0.00	56.89 0.40 0.00	58.60 0.35 0.00	63.25 0.32 0.00	73.25 0.51 0.00	64.63 0.39 0.00	58.28 0.29 0.00	56.72 0.23 0.00	53.24 0.16 0.00	50.32 0.10 0.00	50.90 0.00 0.00	54.19 -0.11 0.00	59.32 -0.24 0.00	66.26 -0.33 0.00	71.54 -0.43 0.00	68.50 -0.41 0.00	62.24 -0.44 0.00	59.86 -0.36 0.00	55.70 -0.39 0.00	50.02 -0.20 0.00	45.11 -0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	67.59 1.84 0.00	63.38 1.43 0.00	58.37 1.31 0.00	58.93 1.44 0.00	57.90 1.41 0.00	60.11 1.86 0.00	65.70 2.77 0.00	76.16 3.42 0.00	67.20 2.96 0.00	60.66 2.67 0.00	59.32 2.82 0.00	55.63 2.55 0.00	52.73 2.51 0.00	53.70 2.80 0.00	57.23 2.93 0.00	62.89 3.33 0.00	70.12 3.53 0.00	75.85 3.89 0.00	72.49 3.58 0.00	65.81 3.13 0.00	63.17 2.95 0.00	58.95 2.86 0.00	52.48 2.26 0.00	47.06 1.77 0.00
SWANROAD_115KV_TB1 355699	59.97 -5.79 0.00	56.75 -5.20 0.00	51.98 -5.08 0.00	52.66 -4.83 0.00	51.12 -5.37 0.00	50.61 -7.63 0.00	52.36 -10.57 0.00	60.01 -12.73 0.00	53.39 -10.86 0.00	50.10 -7.89 0.00	49.04 -7.46 0.00	47.14 -5.95 0.00	44.09 -6.13 0.00	44.13 -6.77 0.00	47.13 -7.17 0.00	50.74 -8.81 0.00	58.47 -8.12 0.00	63.55 -8.42 0.00	60.23 -8.68 0.00	55.22 -7.46 0.00	53.78 -6.44 0.00	49.97 -6.11 0.00	44.95 -5.27 0.00	41.62 -3.67 0.00
SYNERGY___BIOGAS 323694	62.99 -2.76 0.00	59.29 -2.66 0.00	54.43 -2.62 0.00	54.73 -2.76 0.00	53.61 -2.88 0.00	53.58 -4.66 0.00	56.07 -6.86 0.00	64.67 -8.07 0.00	57.18 -7.07 0.00	53.12 -4.87 0.00	51.86 -4.63 0.00	49.58 -3.50 0.00	46.51 -3.72 0.00	46.68 -4.23 0.00	49.96 -4.34 0.00	54.31 -5.24 0.00	62.33 -4.26 0.00	67.58 -4.39 0.00	64.29 -4.62 0.00	58.79 -3.89 0.00	57.27 -2.95 0.00	52.89 -3.20 0.00	47.36 -2.86 0.00	43.66 -1.63 0.00
SYRACUSE___ENERGY_ST1 323597	64.90 -0.85 0.00	61.09 -0.87 0.00	56.26 -0.80 0.00	56.57 -0.92 0.00	55.64 -0.85 0.00	57.25 -0.99 0.00	61.74 -1.20 0.00	71.50 -1.24 0.00	63.15 -1.09 0.00	57.06 -0.93 0.00	55.48 -1.02 0.00	52.29 -0.80 0.00	49.42 -0.80 0.00	50.04 -0.87 0.00	53.54 -0.76 0.00	58.72 -0.83 0.00	65.80 -0.80 0.00	71.32 -0.65 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.53 -0.56 0.00	49.67 -0.55 0.00	44.84 -0.45 0.00
SYRACUSE___ENERGY_ST2 323598	64.90 -0.85 0.00	61.09 -0.87 0.00	56.26 -0.80 0.00	56.57 -0.92 0.00	55.64 -0.85 0.00	57.25 -0.99 0.00	61.74 -1.20 0.00	71.50 -1.24 0.00	63.15 -1.09 0.00	57.06 -0.93 0.00	55.48 -1.02 0.00	52.29 -0.80 0.00	49.42 -0.80 0.00	50.04 -0.87 0.00	53.54 -0.76 0.00	58.72 -0.83 0.00	65.80 -0.80 0.00	71.32 -0.65 0.00	68.29 -0.62 0.00	62.11 -0.56 0.00	59.68 -0.54 0.00	55.53 -0.56 0.00	49.67 -0.55 0.00	44.84 -0.45 0.00
SYRACUSE___POWER 24017	64.77 -0.99 0.00	60.97 -0.99 0.00	56.15 -0.91 0.00	56.45 -1.03 0.00	55.53 -0.96 0.00	57.14 -1.11 0.00	61.67 -1.26 0.00	71.36 -1.38 0.00	63.02 -1.22 0.00	56.95 -1.04 0.00	55.42 -1.07 0.00	52.23 -0.85 0.00	49.37 -0.85 0.00	49.99 -0.92 0.00	53.43 -0.87 0.00	58.66 -0.89 0.00	65.73 -0.87 0.00	71.25 -0.72 0.00	68.15 -0.76 0.00	62.05 -0.63 0.00	59.62 -0.60 0.00	55.41 -0.67 0.00	49.57 -0.65 0.00	44.79 -0.50 0.00
TALLMAN_138KV_BK151 55660	67.73 1.97 0.00	63.45 1.49 0.00	58.43 1.37 0.00	58.98 1.49 0.00	57.96 1.47 0.00	60.22 1.98 0.00	66.01 3.08 0.00	76.52 3.78 0.00	67.59 3.34 0.00	61.06 3.07 0.00	59.77 3.28 0.00	56.06 2.97 0.00	53.08 2.86 0.00	54.16 3.26 0.00	57.67 3.37 0.00	63.30 3.75 0.00	70.52 3.93 0.00	76.29 4.32 0.00	72.91 4.00 0.00	66.12 3.45 0.00	63.47 3.25 0.00	59.28 3.20 0.00	52.78 2.56 0.00	47.24 1.95 0.00
TEALLAVE_115KV_TB7 355573	64.44 -1.32 0.00	60.60 -1.36 0.00	55.86 -1.20 0.00	56.17 -1.32 0.00	55.25 -1.24 0.00	56.79 -1.46 0.00	61.29 -1.64 0.00	70.92 -1.82 0.00	62.70 -1.54 0.00	56.66 -1.33 0.00	55.14 -1.36 0.00	51.97 -1.11 0.00	49.12 -1.10 0.00	49.73 -1.17 0.00	53.16 -1.14 0.00	58.30 -1.25 0.00	65.40 -1.20 0.00	70.82 -1.15 0.00	67.74 -1.17 0.00	61.61 -1.07 0.00	59.26 -0.96 0.00	55.13 -0.95 0.00	49.32 -0.90 0.00	44.57 -0.72 0.00
TELGRAPH_34_KV_EAST 80808	61.61 -4.14 0.00	58.06 -3.90 0.00	53.35 -3.71 0.00	53.69 -3.79 0.00	52.48 -4.01 0.00	52.24 -6.00 0.00	54.37 -8.56 0.00	62.56 -10.18 0.00	55.51 -8.74 0.00	51.79 -6.21 0.00	50.73 -5.76 0.00	48.57 -4.51 0.00	45.55 -4.67 0.00	45.61 -5.29 0.00	48.76 -5.54 0.00	52.76 -6.79 0.00	60.67 -5.93 0.00	65.85 -6.12 0.00	62.50 -6.41 0.00	57.22 -5.45 0.00	55.71 -4.52 0.00	51.66 -4.43 0.00	46.30 -3.92 0.00	42.80 -2.49 0.00
TEMPLE___115KV_TB 2 55572	64.44 -1.32 0.00	60.66 -1.30 0.00	55.86 -1.20 0.00	56.22 -1.26 0.00	55.30 -1.19 0.00	56.85 -1.40 0.00	61.29 -1.64 0.00	70.99 -1.75 0.00	62.70 -1.54 0.00	56.72 -1.28 0.00	55.20 -1.30 0.00	51.97 -1.11 0.00	49.12 -1.10 0.00	49.73 -1.17 0.00	53.21 -1.09 0.00	58.36 -1.19 0.00	65.40 -1.20 0.00	70.82 -1.15 0.00	67.81 -1.10 0.00	61.67 -1.00 0.00	59.26 -0.96 0.00	55.13 -0.95 0.00	49.37 -0.85 0.00	44.57 -0.72 0.00
TIANA____69_KV_BK 1 55817	69.37 3.62 0.00	64.99 3.04 0.00	59.68 2.62 0.00	60.42 2.93 0.00	59.88 3.39 0.00	62.44 4.19 0.00	69.22 6.29 0.00	79.07 6.33 0.00	70.54 6.30 0.00	62.28 4.29 0.00	61.53 5.03 0.00	57.91 4.83 0.00	55.19 4.97 0.00	56.60 5.70 0.00	60.62 6.30 -0.02	68.40 6.55 -2.30	83.83 7.86 -9.38	89.37 8.06 -9.34	89.31 7.51 -12.88	83.26 6.83 -13.75	73.40 6.87 -6.31	65.71 6.34 -3.28	55.59 5.37 0.00	49.68 4.39 0.00



TILDEN___115KV_TB1 80814	64.77 -0.99 0.00	60.97 -0.99 0.00	56.15 -0.91 0.00	56.45 -1.03 0.00	55.53 -0.96 0.00	57.14 -1.11 0.00	61.67 -1.26 0.00	71.36 -1.38 0.00	63.02 -1.22 0.00	56.95 -1.04 0.00	55.42 -1.07 0.00	52.23 -0.85 0.00	49.37 -0.85 0.00	49.99 -0.92 0.00	53.43 -0.87 0.00	58.66 -0.89 0.00	65.73 -0.87 0.00	71.25 -0.72 0.00	68.15 -0.76 0.00	62.05 -0.63 0.00	59.62 -0.60 0.00	55.41 -0.67 0.00	49.57 -0.65 0.00	44.79 -0.50 0.00
TRIGEN___CC 323695	68.91 3.16 0.00	64.50 2.54 0.00	59.06 2.00 0.00	59.73 2.24 0.00	58.98 2.49 0.00	61.45 3.20 0.00	67.71 4.78 0.00	77.76 5.02 0.00	68.94 4.69 0.00	61.76 3.77 0.00	60.68 4.18 0.00	57.12 4.03 0.00	54.14 3.92 0.00	55.54 4.63 0.00	59.15 4.83 -0.02	66.97 5.12 -2.30	81.50 5.53 -9.38	87.28 5.97 -9.34	87.38 5.58 -12.88	81.31 4.89 -13.75	71.17 4.64 -6.31	63.86 4.49 -3.29	54.14 3.92 0.00	48.51 3.22 0.00
TRINITY__115KV__4 BK 55933	67.66 1.91 0.00	63.63 1.67 0.00	58.54 1.48 0.00	59.16 1.67 0.00	58.13 1.64 0.00	60.17 1.92 0.00	64.69 1.76 0.00	74.19 1.45 0.00	65.66 1.41 0.00	59.09 1.10 0.00	57.74 1.24 0.00	54.20 1.11 0.00	51.28 1.05 0.00	52.07 1.17 0.00	55.60 1.30 0.00	61.04 1.49 0.00	68.06 1.47 0.00	73.41 1.44 0.00	70.43 1.52 0.00	64.18 1.50 0.00	61.61 1.39 0.00	57.43 1.35 0.00	51.68 1.46 0.00	46.83 1.54 0.00
UNION___PROCESSING_DRP 323587	63.06 -2.70 0.00	59.23 -2.73 0.00	54.61 -2.45 0.00	54.79 -2.70 0.00	53.89 -2.60 0.00	54.57 -3.67 0.00	57.71 -5.22 0.00	66.70 -6.04 0.00	58.98 -5.27 0.00	54.28 -3.71 0.00	52.83 -3.67 0.00	50.27 -2.81 0.00	47.26 -2.96 0.00	47.60 -3.31 0.00	50.88 -3.42 0.00	55.50 -4.05 0.00	63.07 -3.53 0.00	68.30 -3.67 0.00	65.12 -3.79 0.00	59.42 -3.26 0.00	57.63 -2.59 0.00	53.39 -2.69 0.00	47.76 -2.46 0.00	43.62 -1.68 0.00
UPPER HUDSON___HYD 24058	68.58 2.83 0.00	64.44 2.48 0.00	59.34 2.28 0.00	59.90 2.41 0.00	58.92 2.43 0.00	61.10 2.85 0.00	66.14 3.21 0.00	76.37 3.64 0.00	67.46 3.21 0.00	60.25 2.26 0.00	58.70 2.20 0.00	54.89 1.81 0.00	51.73 1.51 0.00	52.53 1.63 0.00	56.20 1.90 0.00	62.00 2.44 0.00	69.52 2.93 0.00	74.99 3.02 0.00	72.08 3.17 0.00	65.69 3.01 0.00	63.11 2.89 0.00	58.78 2.69 0.00	52.53 2.31 0.00	48.51 3.22 0.00
UPPER RAQUET___HYD 24056	66.80 1.05 0.00	63.44 1.48 0.00	58.43 1.37 0.00	58.87 1.38 0.00	57.56 1.07 0.00	58.95 0.70 0.00	63.75 0.82 0.00	73.76 1.02 0.00	65.14 0.90 0.00	58.92 0.92 0.00	57.40 0.90 0.00	53.88 0.80 0.00	51.13 0.90 0.00	51.56 0.66 0.00	54.84 0.54 0.00	59.67 0.12 0.00	66.26 -0.33 0.00	71.25 -0.72 0.00	68.29 -0.62 0.00	62.05 -0.63 0.00	59.68 -0.54 0.00	55.75 -0.33 0.00	50.67 0.45 0.00	45.84 0.55 0.00
VALLEY44_115KV_TB2 355964	64.24 -1.51 0.00	60.10 -1.86 0.00	55.40 -1.65 0.00	55.42 -2.07 0.00	54.40 -2.09 0.00	54.87 -3.38 0.00	58.21 -4.72 0.00	66.85 -5.89 0.00	59.11 -5.14 0.00	54.63 -3.36 0.00	53.16 -3.33 0.00	50.75 -2.34 0.00	47.66 -2.56 0.00	47.85 -3.05 0.00	51.26 -3.04 0.00	55.50 -4.05 0.00	63.20 -3.40 0.00	69.09 -2.88 0.00	65.47 -3.45 0.00	59.92 -2.76 0.00	57.87 -2.35 0.00	53.62 -2.47 0.00	47.96 -2.26 0.00	44.11 -1.18 0.00
VALLEY___115KV_TB 1-4 80826	68.32 2.56 0.00	64.50 2.54 0.00	59.51 2.45 0.00	59.96 2.47 0.00	58.98 2.49 0.00	60.75 2.50 0.00	65.39 2.45 0.00	75.36 2.62 0.00	66.30 2.06 0.00	59.73 1.74 0.00	58.19 1.69 0.00	54.68 1.59 0.00	51.73 1.51 0.00	52.43 1.53 0.00	55.93 1.63 0.00	61.28 1.73 0.00	68.39 1.80 0.00	73.84 1.87 0.00	70.70 1.79 0.00	64.24 1.57 0.00	61.67 1.45 0.00	57.55 1.46 0.00	51.53 1.31 0.00	46.47 1.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	68.78 3.02 0.00	64.93 2.97 0.00	59.80 2.74 0.00	60.19 2.70 0.00	59.26 2.77 0.00	61.21 2.97 0.00	66.27 3.34 0.00	76.89 4.15 0.00	67.78 3.53 0.00	60.83 2.84 0.00	59.15 2.66 0.00	55.58 2.49 0.00	52.53 2.31 0.00	53.30 2.39 0.00	57.02 2.72 0.00	62.71 3.16 0.00	70.32 3.73 0.00	76.07 4.10 0.00	72.98 4.07 0.00	66.38 3.70 0.00	63.78 3.55 0.00	59.40 3.31 0.00	52.88 2.66 0.00	47.56 2.26 0.00
VISCHER___FERRY HYD 24020	67.99 2.24 0.00	63.88 1.92 0.00	58.88 1.83 0.00	59.44 1.96 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.26 2.33 0.00	75.28 2.54 0.00	66.62 2.38 0.00	59.90 1.91 0.00	58.42 1.92 0.00	54.78 1.70 0.00	51.78 1.56 0.00	52.58 1.68 0.00	56.15 1.85 0.00	61.69 2.14 0.00	69.06 2.47 0.00	74.49 2.52 0.00	71.46 2.55 0.00	65.06 2.38 0.00	62.51 2.29 0.00	58.22 2.13 0.00	52.18 1.96 0.00	47.19 1.90 0.00
V_A_10_SYNC_DSASP 323832	61.02 -4.73 0.00	57.25 -4.71 0.00	52.95 -4.11 0.00	53.06 -4.43 0.00	52.20 -4.29 0.00	52.24 -6.00 0.00	54.56 -8.37 0.00	62.77 -9.97 0.00	55.70 -8.54 0.00	51.84 -6.15 0.00	50.57 -5.93 0.00	48.41 -4.67 0.00	45.40 -4.82 0.00	45.51 -5.40 0.00	48.65 -5.65 0.00	52.64 -6.91 0.00	60.20 -6.39 0.00	65.35 -6.62 0.00	62.09 -6.82 0.00	56.85 -5.83 0.00	55.16 -5.06 0.00	51.26 -4.82 0.00	46.00 -4.22 0.00	42.35 -2.94 0.00
V_CMM_10_SYNC_DSASP 323787	66.41 0.66 0.00	62.76 0.81 0.00	57.80 0.74 0.00	58.24 0.75 0.00	57.22 0.73 0.00	58.88 0.64 0.00	63.56 0.63 0.00	73.47 0.73 0.00	64.95 0.71 0.00	58.57 0.58 0.00	56.95 0.45 0.00	53.35 0.27 0.00	50.57 0.35 0.00	51.16 0.25 0.00	54.46 0.16 0.00	59.61 0.06 0.00	66.53 -0.07 0.00	71.75 -0.22 0.00	68.70 -0.21 0.00	62.55 -0.13 0.00	60.10 -0.12 0.00	55.92 -0.17 0.00	50.27 0.05 0.00	45.34 0.05 0.00
V_CMP_10_SYNC_DSASP 323788	66.94 1.18 0.00	63.63 1.67 0.00	58.71 1.65 0.00	59.27 1.78 0.00	58.19 1.69 0.00	59.82 1.57 0.00	64.63 1.70 0.00	74.78 2.04 0.00	66.17 1.93 0.00	59.61 1.62 0.00	57.85 1.36 0.00	54.04 0.96 0.00	51.08 0.85 0.00	51.36 0.46 0.00	54.46 0.16 0.00	59.55 0.00 0.00	66.39 -0.20 0.00	71.68 -0.29 0.00	68.57 -0.34 0.00	62.36 -0.31 0.00	59.92 -0.30 0.00	55.64 -0.45 0.00	50.02 -0.20 0.00	45.06 -0.23 0.00
V_D_10_SYNC_DSASP 323841	66.94 1.18 0.00	63.32 1.36 0.00	58.31 1.26 0.00	58.75 1.26 0.00	57.68 1.19 0.00	59.29 1.05 0.00	64.06 1.13 0.00	73.98 1.24 0.00	65.40 1.16 0.00	59.03 1.04 0.00	57.35 0.85 0.00	53.77 0.69 0.00	50.98 0.75 0.00	51.62 0.71 0.00	54.90 0.60 0.00	60.03 0.48 0.00	66.93 0.33 0.00	72.18 0.22 0.00	69.12 0.21 0.00	62.93 0.25 0.00	60.46 0.24 0.00	56.31 0.22 0.00	50.72 0.50 0.00	45.74 0.45 0.00
V_E_10_SYNC_DSASP 323830	70.42 4.67 0.00	66.30 4.34 0.00	60.94 3.88 0.00	61.00 3.51 0.00	59.94 3.45 0.00	61.51 3.26 0.00	66.39 3.46 0.00	76.89 4.15 0.00	67.39 3.15 0.00	60.08 2.09 0.00	57.97 1.47 0.00	54.57 1.49 0.00	51.53 1.31 0.00	52.18 1.27 0.00	56.36 2.06 0.00	62.35 2.80 0.00	70.32 3.73 0.00	76.36 4.39 0.00	73.39 4.48 0.00	66.75 4.07 0.00	64.08 3.85 0.00	59.06 2.97 0.00	52.38 2.16 0.00	47.15 1.86 0.00



V_F_30_NSYNC___DSASP 323816	68.71 2.96 0.00	64.62 2.66 0.00	59.40 2.34 0.00	60.02 2.53 0.00	59.03 2.54 0.00	61.10 2.85 0.00	66.14 3.21 0.00	76.38 3.64 0.00	67.46 3.21 0.00	60.37 2.38 0.00	58.81 2.32 0.00	55.10 2.02 0.00	52.08 1.86 0.00	52.84 1.93 0.00	56.53 2.23 0.00	62.29 2.74 0.00	69.79 3.20 0.00	75.21 3.24 0.00	72.36 3.45 0.00	65.81 3.13 0.00	63.23 3.01 0.00	58.89 2.80 0.00	53.03 2.81 0.00	47.83 2.54 0.00
V_F_30_SYNC_DSASP 323786	67.92 2.17 0.00	63.94 1.98 0.00	58.83 1.77 0.00	59.44 1.95 0.00	58.41 1.92 0.00	60.46 2.21 0.00	65.01 2.08 0.00	74.49 1.75 0.00	65.92 1.67 0.00	59.32 1.33 0.00	57.91 1.41 0.00	54.36 1.27 0.00	51.48 1.26 0.00	52.23 1.32 0.00	55.82 1.52 0.00	61.28 1.73 0.00	68.33 1.73 0.00	73.70 1.73 0.00	70.70 1.79 0.00	64.43 1.75 0.00	61.85 1.63 0.00	57.66 1.57 0.00	51.88 1.66 0.00	47.01 1.72 0.00
V_XM_10_SYNC_DSASP 323789	66.94 1.18 0.00	63.63 1.67 0.00	58.71 1.65 0.00	59.27 1.78 0.00	58.19 1.69 0.00	59.82 1.57 0.00	64.63 1.70 0.00	74.78 2.04 0.00	66.17 1.93 0.00	59.61 1.62 0.00	57.85 1.36 0.00	54.04 0.96 0.00	51.08 0.85 0.00	51.36 0.46 0.00	54.46 0.16 0.00	59.55 0.00 0.00	66.39 -0.20 0.00	71.68 -0.29 0.00	68.57 -0.34 0.00	62.36 -0.31 0.00	59.92 -0.30 0.00	55.64 -0.45 0.00	50.02 -0.20 0.00	45.06 -0.23 0.00
W.BABYLN_69_KV_BK1 56697	69.83 4.08 0.00	65.43 3.47 0.00	59.80 2.74 0.00	60.48 2.99 0.00	59.82 3.33 0.00	62.44 4.19 0.00	69.04 6.10 0.00	78.92 6.18 0.00	70.03 5.78 0.00	62.46 4.47 0.00	61.41 4.92 0.00	57.81 4.72 0.00	54.89 4.67 0.00	56.50 5.60 0.00	60.35 6.03 -0.02	68.34 6.49 -2.30	83.17 7.19 -9.38	89.15 7.84 -9.34	89.10 7.30 -12.88	82.94 6.52 -13.75	72.74 6.20 -6.31	65.26 5.89 -3.28	55.34 5.12 0.00	49.46 4.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	67.92 2.17 0.00	63.63 1.67 0.00	58.54 1.48 0.00	59.16 1.67 0.00	58.13 1.64 0.00	60.40 2.16 0.00	66.20 3.27 0.00	76.74 4.00 0.00	67.78 3.53 0.00	61.18 3.19 0.00	59.89 3.39 0.00	56.16 3.08 0.00	53.24 3.01 0.00	54.26 3.36 0.00	57.83 3.53 0.00	63.42 3.87 0.00	70.72 4.13 0.00	76.50 4.53 0.00	73.11 4.20 0.00	66.31 3.64 0.00	63.66 3.43 0.00	59.45 3.37 0.00	52.88 2.66 0.00	47.37 2.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	68.45 2.70 0.00	64.00 2.04 0.00	58.88 1.83 0.00	59.50 2.01 0.00	58.47 1.98 0.00	60.86 2.62 0.00	66.83 3.90 0.00	77.61 4.87 0.00	68.61 4.37 0.00	62.11 4.12 0.00	60.79 4.29 0.00	57.01 3.93 0.00	53.99 3.77 0.00	55.08 4.17 0.00	58.64 4.34 0.00	64.32 4.76 0.00	71.66 5.06 0.00	77.44 5.47 0.00	73.94 5.03 0.00	67.06 4.39 0.00	64.32 4.10 0.00	60.01 3.93 0.00	53.38 3.16 0.00	47.74 2.45 0.00
W50THST__13_KV_LOAD 356117	68.65 2.89 0.00	64.25 2.29 0.00	59.11 2.05 0.00	59.67 2.18 0.00	58.69 2.20 0.00	61.04 2.80 0.00	67.08 4.15 0.00	77.90 5.16 0.00	68.94 4.69 0.00	62.40 4.41 0.00	61.07 4.58 0.00	57.28 4.19 0.00	54.24 4.02 0.00	55.33 4.43 0.00	58.97 4.67 0.00	64.61 5.06 0.00	71.99 5.39 0.00	77.87 5.90 0.00	74.22 5.31 0.00	67.38 4.70 0.00	64.56 4.34 0.00	60.24 4.15 0.00	53.53 3.31 0.00	47.87 2.58 0.00
WADING RIVER_IC_1 23522	68.58 2.83 0.00	64.99 3.04 0.00	59.05 2.00 0.00	59.85 2.36 0.00	59.15 2.66 0.00	62.55 4.31 0.00	68.10 5.16 -0.01	77.75 5.02 0.00	69.77 5.53 0.00	61.65 3.66 0.00	60.91 4.41 0.00	57.44 4.35 0.00	54.84 4.62 0.00	56.26 5.34 -0.01	60.02 5.70 -0.02	67.51 5.66 -2.30	83.10 7.13 -9.38	88.22 6.91 -9.34	88.27 6.48 -12.88	82.31 5.89 -13.75	72.80 6.26 -6.31	65.26 5.89 -3.28	55.25 5.02 -0.01	49.33 4.03 -0.01
WADING RIVER_IC_2 23547	68.58 2.83 0.00	64.99 3.04 0.00	59.05 2.00 0.00	59.85 2.36 0.00	59.15 2.66 0.00	62.55 4.31 0.00	68.10 5.16 -0.01	77.75 5.02 0.00	69.77 5.53 0.00	61.65 3.66 0.00	60.91 4.41 0.00	57.44 4.35 0.00	54.84 4.62 0.00	56.26 5.34 -0.01	60.02 5.70 -0.02	67.51 5.66 -2.30	83.10 7.13 -9.38	88.22 6.91 -9.34	88.27 6.48 -12.88	82.31 5.89 -13.75	72.80 6.26 -6.31	65.26 5.89 -3.28	55.25 5.02 -0.01	49.33 4.03 -0.01
WADING RIVER_IC_3 23601	68.58 2.83 0.00	64.99 3.04 0.00	59.05 2.00 0.00	59.85 2.36 0.00	59.15 2.66 0.00	62.55 4.31 0.00	68.10 5.16 -0.01	77.75 5.02 0.00	69.77 5.53 0.00	61.65 3.66 0.00	60.91 4.41 0.00	57.44 4.35 0.00	54.84 4.62 0.00	56.26 5.34 -0.01	60.02 5.70 -0.02	67.51 5.66 -2.30	83.10 7.13 -9.38	88.22 6.91 -9.34	88.27 6.48 -12.88	82.31 5.89 -13.75	72.80 6.26 -6.31	65.26 5.89 -3.28	55.25 5.02 -0.01	49.33 4.03 -0.01
WALDENNY_12_KV_BK2 80841	62.27 -3.48 0.00	58.37 -3.59 0.00	53.81 -3.25 0.00	53.92 -3.56 0.00	52.82 -3.67 0.00	52.59 -5.65 0.00	54.81 -8.12 0.00	62.85 -9.89 0.00	55.89 -8.35 0.00	52.19 -5.80 0.00	50.90 -5.59 0.00	48.84 -4.25 0.00	45.75 -4.47 0.00	45.81 -5.09 0.00	48.98 -5.32 0.00	52.82 -6.73 0.00	60.67 -5.93 0.00	66.07 -5.90 0.00	62.64 -6.27 0.00	57.41 -5.26 0.00	55.71 -4.52 0.00	51.71 -4.37 0.00	46.45 -3.77 0.00	42.94 -2.36 0.00
WALDEN__HYDRO 24148	68.06 2.30 0.00	63.82 1.86 0.00	58.71 1.65 0.00	59.27 1.78 0.00	58.24 1.75 0.00	60.52 2.27 0.00	66.20 3.27 0.00	76.67 3.93 0.00	67.65 3.41 0.00	60.95 2.96 0.00	59.55 3.05 0.00	55.84 2.76 0.00	52.93 2.71 0.00	53.96 3.05 0.00	57.50 3.20 0.00	63.25 3.69 0.00	70.59 4.00 0.00	76.36 4.39 0.00	72.98 4.07 0.00	66.19 3.51 0.00	63.59 3.37 0.00	59.28 3.20 0.00	52.78 2.56 0.00	47.28 1.99 0.00
WARRENSBURG____ 23737	68.58 2.83 0.00	64.44 2.48 0.00	59.28 2.23 0.00	59.90 2.41 0.00	58.98 2.49 0.00	61.16 2.91 0.00	66.20 3.27 0.00	76.45 3.71 0.00	67.52 3.28 0.00	60.31 2.32 0.00	58.70 2.20 0.00	54.94 1.86 0.00	51.73 1.51 0.00	52.53 1.63 0.00	56.26 1.95 0.00	62.05 2.50 0.00	69.52 2.93 0.00	74.85 2.88 0.00	72.15 3.24 0.00	65.62 2.95 0.00	63.05 2.83 0.00	58.78 2.69 0.00	53.84 3.62 0.00	48.51 3.22 0.00
WATERSIDE____6 8 9 23538	68.71 2.96 0.00	64.19 2.23 0.00	59.34 2.28 0.00	59.90 2.41 0.00	58.86 2.37 0.00	61.21 2.97 0.00	67.21 4.28 0.00	77.98 5.24 0.00	68.94 4.69 0.00	62.40 4.41 0.00	61.07 4.58 0.00	57.28 4.19 0.00	54.24 4.02 0.00	55.33 4.43 0.00	58.92 4.62 0.00	64.61 5.06 0.00	71.99 5.39 0.00	77.87 5.90 0.00	74.29 5.38 0.00	67.44 4.76 0.00	64.68 4.46 0.00	60.35 4.26 0.00	53.53 3.31 0.00	47.92 2.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	67.59 1.84 0.00	63.76 1.80 0.00	58.77 1.71 0.00	59.21 1.72 0.00	58.24 1.75 0.00	60.05 1.81 0.00	64.69 1.76 0.00	74.63 1.89 0.00	65.79 1.54 0.00	59.27 1.28 0.00	57.74 1.24 0.00	54.25 1.17 0.00	51.33 1.10 0.00	52.07 1.17 0.00	55.55 1.25 0.00	60.86 1.31 0.00	67.99 1.40 0.00	73.41 1.44 0.00	70.29 1.38 0.00	63.93 1.25 0.00	61.37 1.14 0.00	57.26 1.18 0.00	51.22 1.00 0.00	46.20 0.91 0.00



WDELAWARE___HYD 323627	68.91 3.16 0.00	64.62 2.66 0.00	59.45 2.40 0.00	60.02 2.53 0.00	58.97 2.48 0.00	61.27 3.03 0.00	66.71 3.78 0.00	77.25 4.51 0.00	68.23 3.98 0.00	61.35 3.36 0.00	59.83 3.33 0.00	56.11 3.02 0.00	53.18 2.96 0.00	54.21 3.31 0.00	57.78 3.48 0.00	63.60 4.05 0.00	71.19 4.59 0.00	77.00 5.04 0.00	73.60 4.69 0.00	66.81 4.14 0.00	64.32 4.10 0.00	60.01 3.92 0.00	53.39 3.17 0.00	47.78 2.49 0.00
WEST BABYLON___IC 23714	69.83 4.08 0.00	65.43 3.47 0.00	59.80 2.74 0.00	60.48 2.99 0.00	59.82 3.33 0.00	62.44 4.19 0.00	69.04 6.10 0.00	78.92 6.18 0.00	70.03 5.78 0.00	62.46 4.47 0.00	61.41 4.92 0.00	57.81 4.72 0.00	54.89 4.67 0.00	56.50 5.60 0.00	60.35 6.03 -0.02	68.34 6.49 -2.30	83.17 7.19 -9.38	89.15 7.84 -9.34	89.10 7.30 -12.88	82.94 6.52 -13.75	72.74 6.20 -6.31	65.26 5.89 -3.28	55.34 5.12 0.00	49.46 4.17 0.00
WEST CANADA___HYD 24049	65.95 0.20 0.00	62.08 0.12 0.00	57.17 0.11 0.00	57.60 0.12 0.00	56.60 0.11 0.00	58.42 0.18 0.00	63.12 0.19 0.00	72.89 0.15 0.00	64.37 0.13 0.00	58.05 0.06 0.00	56.61 0.11 0.00	53.19 0.11 0.00	50.32 0.10 0.00	51.01 0.10 0.00	54.41 0.11 0.00	59.73 0.18 0.00	66.73 0.13 0.00	72.11 0.14 0.00	69.05 0.14 0.00	62.80 0.13 0.00	60.34 0.12 0.00	56.26 0.17 0.00	50.37 0.15 0.00	45.38 0.09 0.00
WESTERN_NY_WIND 24143	62.86 -2.89 0.00	59.17 -2.79 0.00	54.32 -2.74 0.00	54.61 -2.87 0.00	53.50 -2.99 0.00	53.41 -4.83 0.00	55.88 -7.05 0.00	64.45 -8.29 0.00	56.99 -7.26 0.00	53.00 -4.99 0.00	51.75 -4.75 0.00	49.47 -3.61 0.00	46.41 -3.82 0.00	46.58 -4.33 0.00	49.85 -4.45 0.00	54.13 -5.42 0.00	62.20 -4.40 0.00	67.43 -4.53 0.00	64.09 -4.82 0.00	58.67 -4.01 0.00	57.09 -3.13 0.00	52.78 -3.31 0.00	47.26 -2.96 0.00	43.57 -1.72 0.00
WESTOVER___LESR 323668	65.43 -0.33 0.00	61.59 -0.37 0.00	56.72 -0.34 0.00	56.97 -0.52 0.00	55.98 -0.51 0.00	57.37 -0.87 0.00	61.80 -1.13 0.00	71.43 -1.31 0.00	63.09 -1.16 0.00	57.18 -0.81 0.00	55.65 -0.85 0.00	52.50 -0.58 0.00	49.57 -0.65 0.00	50.14 -0.76 0.00	53.65 -0.65 0.00	58.78 -0.77 0.00	66.06 -0.53 0.00	71.68 -0.29 0.00	68.50 -0.41 0.00	62.36 -0.31 0.00	59.98 -0.24 0.00	55.75 -0.34 0.00	49.77 -0.45 0.00	45.06 -0.23 0.00
WETHRSFD_WT_PWR 323626	65.03 -0.72 0.00	60.41 -1.55 0.00	55.35 -1.71 0.00	54.38 -3.11 0.00	52.99 -3.50 0.00	53.87 -4.37 0.00	57.89 -5.04 0.00	66.56 -6.18 0.00	4.07 -5.72 54.45	4.01 -4.87 49.11	4.07 -5.03 47.40	4.01 -4.51 44.56	4.00 -4.27 41.95	4.06 -4.48 42.36	4.00 -4.45 45.85	4.00 -5.00 50.55	4.00 -5.33 57.26	1.00 -5.18 65.79	4.00 -5.10 59.81	4.06 -4.45 54.16	4.06 -4.39 51.77	4.00 -4.37 47.71	1.00 -4.12 45.10	4.06 -3.71 37.52
WHAVSTOR_138KV_BK127 55557	67.73 1.97 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	60.17 1.92 0.00	65.95 3.02 0.00	76.45 3.71 0.00	67.52 3.28 0.00	61.01 3.02 0.00	59.72 3.22 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.67 3.37 0.00	63.25 3.69 0.00	70.46 3.86 0.00	76.21 4.25 0.00	72.84 3.93 0.00	66.06 3.38 0.00	63.41 3.19 0.00	59.23 3.14 0.00	52.73 2.51 0.00	47.24 1.95 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	67.73 1.97 0.00	63.45 1.49 0.00	58.37 1.31 0.00	58.98 1.49 0.00	57.96 1.47 0.00	60.17 1.92 0.00	65.95 3.02 0.00	76.45 3.71 0.00	67.52 3.28 0.00	61.01 3.02 0.00	59.72 3.22 0.00	56.00 2.92 0.00	53.08 2.86 0.00	54.11 3.21 0.00	57.67 3.37 0.00	63.25 3.69 0.00	70.46 3.86 0.00	76.21 4.25 0.00	72.84 3.93 0.00	66.06 3.38 0.00	63.41 3.19 0.00	59.23 3.14 0.00	52.73 2.51 0.00	47.24 1.95 0.00
WHITEHAL_115KV_TB1 80871	70.42 4.67 0.00	66.23 4.28 0.00	60.82 3.77 0.00	61.51 4.02 0.00	60.56 4.07 0.00	62.85 4.60 0.00	68.15 5.22 0.00	78.78 6.04 0.00	69.51 5.27 0.00	61.76 3.77 0.00	60.11 3.62 0.00	56.21 3.13 0.00	52.93 2.71 0.00	53.75 2.85 0.00	57.67 3.37 0.00	63.72 4.17 0.00	71.66 5.06 0.00	77.08 5.11 0.00	74.42 5.51 0.00	67.69 5.01 0.00	64.98 4.76 0.00	60.46 4.37 0.00	55.14 4.92 0.00	49.59 4.30 0.00
WHITEPLN_13_KV_LOAD 356215	68.78 3.02 0.00	64.38 2.42 0.00	59.23 2.17 0.00	59.79 2.30 0.00	58.75 2.26 0.00	61.04 2.80 0.00	67.02 4.09 0.00	77.69 4.95 0.00	68.68 4.43 0.00	62.11 4.12 0.00	60.79 4.29 0.00	57.01 3.93 0.00	53.99 3.77 0.00	55.08 4.17 0.00	58.70 4.40 0.00	64.38 4.82 0.00	71.72 5.13 0.00	77.51 5.54 0.00	74.08 5.17 0.00	67.19 4.51 0.00	64.50 4.28 0.00	60.18 4.09 0.00	53.53 3.31 0.00	47.87 2.58 0.00
WM_FLOYD_69_KV_BK2 356380	69.11 3.35 0.00	64.69 2.73 0.00	59.34 2.28 0.00	60.08 2.59 0.00	59.48 2.99 0.00	62.09 3.84 0.00	68.78 5.85 0.00	78.56 5.82 0.00	69.96 5.72 0.00	61.93 3.94 0.00	61.07 4.58 0.00	57.49 4.41 0.00	54.79 4.57 0.00	56.25 5.34 0.00	60.18 5.86 -0.02	68.04 6.19 -2.30	83.30 7.33 -9.38	88.86 7.56 -9.34	88.82 7.03 -12.88	82.82 6.39 -13.75	72.86 6.32 -6.31	65.26 5.89 -3.28	55.24 5.02 0.00	49.32 4.03 0.00
WOODARD___115KV_TB2 355635	64.37 -1.38 0.00	60.60 -1.36 0.00	55.80 -1.26 0.00	56.11 -1.38 0.00	55.19 -1.30 0.00	56.79 -1.46 0.00	61.23 -1.70 0.00	70.92 -1.82 0.00	62.64 -1.61 0.00	56.60 -1.39 0.00	55.09 -1.41 0.00	51.91 -1.17 0.00	49.07 -1.16 0.00	49.68 -1.22 0.00	53.11 -1.19 0.00	58.24 -1.31 0.00	65.33 -1.27 0.00	70.74 -1.22 0.00	67.67 -1.24 0.00	61.61 -1.07 0.00	59.20 -1.02 0.00	55.08 -1.01 0.00	49.27 -0.95 0.00	44.52 -0.77 0.00
WOODMERE_69_KV_BK1 55827	69.70 3.95 0.00	65.24 3.28 0.00	59.74 2.68 0.00	60.36 2.87 0.00	59.60 3.11 0.00	62.09 3.84 0.00	68.47 5.54 0.00	78.63 5.89 0.00	69.71 5.46 0.00	62.46 4.47 0.00	61.42 4.92 0.00	57.81 4.72 0.00	54.80 4.57 0.00	56.20 5.29 0.00	59.86 5.54 -0.02	67.68 5.84 -2.30	82.30 6.33 -9.38	88.29 6.98 -9.34	88.27 6.48 -12.88	82.19 5.77 -13.75	71.95 5.42 -6.31	64.54 5.16 -3.29	54.74 4.52 0.00	49.00 3.71 0.00
YORK___WARBASSE 23770	68.98 3.22 0.00	64.50 2.54 0.00	59.63 2.57 0.00	60.19 2.70 0.00	59.15 2.66 0.00	61.45 3.20 0.00	67.52 4.59 0.00	78.19 5.46 0.00	69.06 4.82 0.00	62.51 4.52 0.00	61.13 4.63 0.00	57.33 4.25 0.00	54.29 4.07 0.00	55.38 4.48 0.00	59.02 4.72 0.00	64.73 5.18 0.00	72.06 5.46 0.00	78.01 6.05 0.00	74.49 5.58 0.00	67.63 4.95 0.00	64.92 4.70 0.00	60.46 4.37 0.00	53.53 3.31 0.00	47.87 2.58 0.00