

# Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/25/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	81.90	68.65	62.09	57.12	58.81	62.27	59.79	67.16	69.03	63.62	62.72	60.10	58.96	58.49	59.18	67.52	73.95	96.72	93.42	77.28	77.43	77.78	71.67	69.79
24138	4.19	3.21	2.96	2.56	2.64	2.85	3.12	3.80	4.16	3.88	3.78	3.46	3.34	3.26	3.56	4.18	4.84	6.24	5.87	4.71	4.86	4.21	3.99	3.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	81.90	68.52	61.98	57.01	58.70	62.15	59.68	66.97	68.90	63.50	62.60	60.04	58.79	58.32	59.01	67.46	73.81	96.55	93.25	77.14	77.28	70.83	71.27	69.59
24260	4.20	3.08	2.84	2.45	2.53	2.73	3.00	3.61	4.02	3.76	3.65	3.40	3.17	3.09	3.39	4.12	4.70	6.06	5.69	4.57	4.72	4.07	3.59	3.31
	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
74TH STREET_GT_2	81.90	68.52	61.98	57.01	58.70	62.15	59.68	66.97	68.90	63.50	62.60	60.04	58.79	58.32	59.01	67.46	73.81	96.55	93.25	77.14	77.28	70.83	71.27	69.59
24261	4.20	3.08	2.84	2.45	2.53	2.73	3.00	3.61	4.02	3.76	3.65	3.40	3.17	3.09	3.39	4.12	4.70	6.06	5.69	4.57	4.72	4.07	3.59	3.31
	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
ADK HUDSON___FALLS	83.46	69.82	63.22	57.94	59.94	63.52	60.64	67.61	69.48	63.80	62.78	60.16	58.85	58.38	58.96	67.77	74.16	97.54	94.56	78.01	78.08	71.57	72.35	70.72
24011	5.75	4.38	4.08	3.38	3.76	4.10	3.97	4.25	4.61	4.06	3.83	3.51	3.23	3.15	3.34	4.43	5.05	7.06	7.00	5.44	5.51	4.81	4.67	4.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	83.92	70.15	63.58	58.27	60.27	63.87	60.93	67.98	69.87	64.16	63.07	60.38	59.13	58.66	59.23	68.09	74.57	98.09	95.17	78.52	78.52	71.97	72.82	71.19
23798	6.22	4.71	4.44	3.71	4.10	4.46	4.25	4.62	5.00	4.42	4.12	3.74	3.51	3.43	3.61	4.75	5.46	7.60	7.61	5.95	5.95	5.21	5.14	4.90
	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
ADK S GLENS___FALLS	83.46	69.82	63.22	57.94	59.94	63.52	60.64	67.61	69.48	63.80	62.78	60.16												

ALBANY___2 23572	80.58 2.88 0.00	67.73 2.29 0.00	61.21 2.07 0.00	56.30 1.75 0.00	58.08 1.91 0.00	61.50 2.08 0.00	58.72 2.04 0.00	65.64 2.28 0.00	67.41 2.53 0.00	61.94 2.21 0.00	61.01 2.06 0.00	58.69 2.04 0.00	57.57 1.95 0.00	57.11 1.88 0.00	57.62 2.00 0.00	65.18 1.84 0.00	71.05 1.94 0.00	92.93 2.44 0.00	89.92 2.36 0.00	74.45 1.89 0.00	74.38 1.81 0.00	68.43 1.67 0.00	69.10 1.42 0.00	67.54 1.26 0.00
ALBANY___3 23573	80.58 2.88 0.00	67.73 2.29 0.00	61.21 2.07 0.00	56.30 1.75 0.00	58.08 1.91 0.00	61.50 2.08 0.00	58.72 2.04 0.00	65.64 2.28 0.00	67.41 2.53 0.00	61.94 2.21 0.00	61.01 2.06 0.00	58.69 2.04 0.00	57.57 1.95 0.00	57.11 1.88 0.00	57.62 2.00 0.00	65.18 1.84 0.00	71.05 1.94 0.00	92.93 2.44 0.00	89.92 2.36 0.00	74.45 1.89 0.00	74.38 1.81 0.00	68.43 1.67 0.00	69.10 1.42 0.00	67.54 1.26 0.00
ALBANY___4 23574	80.58 2.88 0.00	67.73 2.29 0.00	61.21 2.07 0.00	56.30 1.75 0.00	58.08 1.91 0.00	61.50 2.08 0.00	58.72 2.04 0.00	65.64 2.28 0.00	67.41 2.53 0.00	61.94 2.21 0.00	61.01 2.06 0.00	58.69 2.04 0.00	57.57 1.95 0.00	57.11 1.88 0.00	57.62 2.00 0.00	65.18 1.84 0.00	71.05 1.94 0.00	92.93 2.44 0.00	89.92 2.36 0.00	74.45 1.89 0.00	74.38 1.81 0.00	68.43 1.67 0.00	69.10 1.42 0.00	67.54 1.26 0.00
ALBANY___LFGE 323615	81.04 3.34 0.00	68.12 2.68 0.00	61.56 2.43 0.00	56.63 2.07 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.11 2.44 0.00	66.08 2.72 0.00	67.80 2.92 0.00	62.30 2.57 0.00	61.42 2.48 0.00	59.02 2.38 0.00	57.96 2.34 0.00	57.55 2.32 0.00	58.01 2.39 0.00	65.68 2.34 0.00	71.60 2.48 0.00	93.65 3.17 0.00	90.70 3.15 0.00	75.10 2.54 0.00	75.03 2.47 0.00	68.96 2.20 0.00	69.78 2.10 0.00	68.20 1.92 0.00
ALCOA_PA_115KV_PL-6C 55860	77.71 0.00 0.00	66.03 0.59 0.00	59.67 0.53 0.00	55.26 0.71 0.00	56.68 0.51 0.00	59.89 0.48 0.00	56.96 0.28 0.00	63.74 0.38 0.00	65.01 0.13 0.00	59.97 0.24 0.00	59.18 0.24 0.00	56.99 0.34 0.00	56.07 0.44 0.00	55.62 0.39 0.00	55.90 0.28 0.00	63.47 0.13 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	87.03 -0.53 0.00	72.42 -0.15 0.00	72.42 -0.15 0.00	66.89 0.13 0.00	68.15 0.47 0.00	67.01 0.73 0.00
ALCOA_RYNLDS___DRP 24188	77.71 0.00 0.00	66.03 0.59 0.00	59.67 0.53 0.00	55.26 0.71 0.00	56.68 0.51 0.00	59.89 0.48 0.00	56.96 0.28 0.00	63.74 0.38 0.00	65.01 0.13 0.00	59.97 0.24 0.00	59.18 0.24 0.00	56.99 0.34 0.00	56.07 0.44 0.00	55.62 0.39 0.00	55.90 0.28 0.00	63.47 0.13 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	87.03 -0.53 0.00	72.42 -0.15 0.00	72.42 -0.15 0.00	66.89 0.13 0.00	68.15 0.47 0.00	67.01 0.73 0.00
ALCOA___DSASP 323711	77.71 0.00 0.00	66.03 0.59 0.00	59.67 0.53 0.00	55.26 0.71 0.00	56.68 0.50 0.00	59.89 0.47 0.00	56.96 0.28 0.00	63.74 0.38 0.00	65.01 0.13 0.00	59.97 0.24 0.00	59.18 0.24 0.00	56.99 0.34 0.00	56.01 0.39 0.00	55.56 0.33 0.00	55.84 0.22 0.00	63.53 0.19 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	87.03 -0.52 0.00	72.42 -0.14 0.00	72.42 -0.14 0.00	66.89 0.13 0.00	67.88 0.20 0.00	66.88 0.60 0.00
ALLEGHENY___COGEN 23514	76.38 -1.32 0.00	64.39 -1.05 0.00	58.31 -0.83 0.00	53.57 -0.98 0.00	55.72 -0.45 0.00	58.82 -0.59 0.00	55.83 -0.85 0.00	61.78 -1.58 0.00	62.87 -2.01 0.00	57.82 -1.91 0.00	56.88 -2.06 0.00	54.27 -2.38 0.00	53.23 -2.39 0.00	52.86 -2.37 0.00	53.34 -2.28 0.00	61.76 -1.58 0.00	67.11 -2.01 0.00	88.49 -1.99 0.00	85.98 -1.57 0.00	71.26 -1.30 0.00	71.18 -1.38 0.00	65.63 -1.14 0.00	67.00 -0.68 0.00	65.68 -0.60 0.00
ALTAMONT_115KV_TB 2 55880	80.35 2.64 0.00	67.53 2.09 0.00	61.03 1.89 0.00	56.14 1.58 0.00	57.91 1.74 0.00	61.26 1.84 0.00	58.55 1.87 0.00	65.45 2.09 0.00	67.15 2.27 0.00	61.77 2.03 0.00	60.95 2.00 0.00	58.63 1.98 0.00	57.51 1.89 0.00	57.05 1.82 0.00	57.51 1.89 0.00	65.37 2.03 0.00	71.39 2.28 0.00	93.47 2.99 0.00	90.45 2.89 0.00	74.89 2.32 0.00	74.89 2.32 0.00	68.83 2.07 0.00	69.58 1.90 0.00	68.00 1.72 0.00
ALTONA_WT_PWR 323606	78.71 1.01 0.00	67.01 1.57 0.00	60.50 1.36 0.00	56.08 1.53 0.00	57.47 1.29 0.00	60.84 1.42 0.00	57.47 0.79 0.00	63.93 0.57 0.00	65.20 0.33 0.00	60.51 0.77 0.00	59.77 0.82 0.00	57.55 0.90 0.00	56.51 0.89 0.00	56.06 0.83 0.00	56.40 0.78 0.00	63.97 0.63 0.00	69.39 0.28 0.00	90.21 -0.27 0.00	87.12 -0.44 0.00	72.49 -0.07 0.00	72.56 0.00 0.00	67.03 0.27 0.00	68.02 0.34 0.00	67.41 1.13 0.00
AMERICAN_REF_FUEL 24010	71.96 -5.75 0.00	61.06 -4.38 0.00	55.30 -3.84 0.00	51.01 -3.55 0.00	52.91 -3.26 0.00	55.61 -3.80 0.00	52.65 -4.02 0.00	56.71 -6.65 0.00	57.81 -7.07 0.00	53.34 -6.39 0.00	52.82 -6.13 0.00	50.41 -6.23 0.00	49.56 -6.06 0.00	49.43 -5.80 0.00	49.67 -5.95 0.00	56.82 -6.52 0.00	60.82 -8.30 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.42 -6.34 0.00	62.74 -4.94 0.00	62.31 -3.98 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	76.62 -1.09 0.00	64.85 -0.59 0.00	58.73 -0.41 0.00	54.12 -0.44 0.00	56.23 0.06 0.00	59.06 -0.35 0.00	56.05 -0.62 0.00	60.76 -2.60 0.00	61.89 -2.98 0.00	57.11 -2.63 0.00	56.59 -2.36 0.00	53.93 -2.72 0.00	53.01 -2.61 0.00	52.96 -2.27 0.00	53.12 -2.50 0.00	60.80 -2.54 0.00	65.38 -3.73 0.00	86.23 -4.25 0.00	83.96 -3.59 0.00	69.73 -2.83 0.00	69.73 -2.83 0.00	64.56 -2.20 0.00	66.80 -0.88 0.00	66.21 -0.07 0.00
ARTHUR KILL_GT_1 23520	56.40 3.88 25.19	56.14 2.75 12.05	54.74 2.37 6.77	55.74 1.58 0.40	55.74 1.57 2.01	55.44 1.66 5.64	58.78 2.10 0.00	66.22 2.85 0.00	68.06 3.18 0.00	62.84 3.10 0.00	61.95 3.00 0.00	59.48 2.83 0.00	58.34 2.72 0.00	57.83 2.60 0.00	58.57 2.95 0.00	66.82 3.48 0.00	68.29 3.87 4.69	89.78 4.97 5.68	86.50 4.64 5.69	70.46 3.63 5.74	73.71 3.84 2.69	68.22 3.14 1.68	68.15 2.91 2.44	68.80 2.52 0.00
ARTHUR_KILL_2 23512	56.17 3.65 25.19	55.88 2.49 12.05	54.56 2.19 6.77	55.57 1.42 0.40	55.57 1.40 2.01	55.26 1.49 5.64	58.61 1.93 0.00	65.96 2.60 0.00	67.86 2.99 0.00	62.66 2.93 0.00	61.78 2.83 0.00	59.25 2.61 0.00	58.13 2.51 0.00	57.66 2.43 0.00	58.34 2.72 0.00	66.57 3.23 0.00	68.01 3.59 4.69	89.51 4.70 5.68	86.16 4.29 5.69	70.24 3.41 5.74	73.42 3.55 2.69	68.01 2.93 1.68	67.95 2.71 2.44	68.60 2.32 0.00
ARTHUR_KILL_3 23513	55.70 3.19 25.20	55.68 2.29 12.05	54.49 2.13 6.78	55.94 1.80 0.41	56.01 1.85 2.02	55.79 2.02 5.65	58.94 2.27 0.01	66.27 2.92 0.01	68.11 3.24 0.01	62.77 3.04 0.01	61.84 2.89 0.00	59.31 2.66 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.40 2.78 0.00	66.62 3.29 0.01	68.21 3.80 4.70	89.77 4.97 5.69	86.41 4.55 5.70	70.52 3.70 5.74	73.63 3.77 2.70	68.28 3.20 1.69	68.21 2.97 2.44	68.79 2.52 0.01

ARTHUR_KILL_COGEN 323718	56.40 3.88 25.19	56.14 2.75 12.05	54.74 2.37 6.77	55.74 1.58 0.40	55.74 1.57 2.01	55.44 1.66 5.64	58.78 2.10 0.00	66.22 2.85 0.00	68.06 3.18 0.00	62.84 3.10 0.00	61.95 3.00 0.00	59.48 2.83 0.00	58.34 2.72 0.00	57.83 2.60 0.00	58.57 2.95 0.00	66.82 3.48 0.00	68.29 3.87 4.69	89.78 4.97 5.68	86.50 4.64 5.69	70.46 3.63 5.74	73.71 3.84 2.69	68.22 3.14 1.68	68.15 2.91 2.44	68.80 2.52 0.00
ASHOKAN____ 23654	84.70 7.00 0.00	70.81 5.37 0.00	63.93 4.79 0.00	58.65 4.09 0.00	60.61 4.44 0.00	64.17 4.76 0.00	61.04 4.36 0.00	68.43 5.07 0.00	70.78 5.90 0.00	64.33 4.60 0.00	63.13 4.19 0.00	60.33 3.68 0.00	59.07 3.45 0.00	58.77 3.54 0.00	59.57 3.95 0.00	68.09 4.75 0.00	75.34 6.22 0.00	98.63 8.15 0.00	95.17 7.61 0.00	78.87 6.31 0.00	78.73 6.16 0.00	72.37 5.61 0.00	72.82 5.14 0.00	71.32 5.03 0.00
ASTORIA_EAST_ENERGY_CC1 323581	80.49 2.79 0.01	67.33 1.90 0.01	60.90 1.77 0.01	56.07 1.53 0.01	57.68 1.52 0.01	61.01 1.60 0.01	58.71 2.04 0.01	66.01 2.66 0.01	67.79 2.92 0.01	62.59 2.87 0.01	61.77 2.83 0.01	59.30 2.66 0.01	58.17 2.56 0.01	57.76 2.54 0.01	58.39 2.78 0.01	66.56 3.23 0.01	72.77 3.66 0.01	95.18 4.70 0.01	91.92 4.38 0.01	76.04 3.48 0.01	76.18 3.63 0.01	69.76 3.01 0.01	70.51 2.84 0.01	68.66 2.38 0.01
ASTORIA_EAST_ENERGY_CC2 323582	80.57 2.88 0.01	67.33 1.90 0.01	60.90 1.77 0.01	56.07 1.53 0.01	57.68 1.52 0.01	61.01 1.60 0.01	58.71 2.04 0.01	66.01 2.66 0.01	67.86 2.99 0.01	62.59 2.87 0.01	61.83 2.89 0.01	59.30 2.66 0.01	58.17 2.56 0.01	57.76 2.54 0.01	58.45 2.84 0.01	66.56 3.23 0.01	72.77 3.66 0.01	95.18 4.70 0.01	91.92 4.38 0.01	76.04 3.48 0.01	76.18 3.63 0.01	69.76 3.01 0.01	70.51 2.84 0.01	68.66 2.38 0.01
ASTORIA_GT2_1 24094	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT2_2 24095	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT2_3 24096	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT2_4 24097	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT3_1 24098	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT3_2 24099	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT3_3 24100	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT3_4 24101	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT4_1 24102	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT4_2 24103	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT4_3 24104	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00

ASTORIA_GT4_4 24105	80.58 2.88 0.00	67.40 1.96 0.00	60.97 1.83 0.00	56.14 1.58 0.00	57.75 1.57 0.00	61.07 1.66 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.12 2.44 0.00	68.67 2.39 0.00
ASTORIA_GT_1 23523	80.72 3.03 0.01	67.46 2.03 0.01	61.02 1.89 0.01	56.18 1.64 0.01	57.80 1.63 0.01	61.13 1.72 0.01	58.82 2.15 0.01	66.14 2.78 0.01	67.98 3.11 0.01	62.71 2.99 0.01	61.94 3.00 0.01	59.41 2.77 0.01	58.34 2.72 0.01	57.87 2.65 0.01	58.56 2.95 0.01	66.75 3.42 0.01	72.97 3.87 0.01	95.45 4.97 0.01	92.19 4.64 0.01	76.18 3.63 0.01	76.40 3.84 0.01	69.96 3.20 0.01	70.72 3.05 0.01	68.86 2.58 0.01
ASTORIA_GT_10 24110	81.05 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.00 2.32 0.00	66.28 2.91 0.00	68.12 3.24 0.00	62.90 3.17 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.12 4.01 0.00	95.64 5.16 0.00	92.37 4.82 0.00	76.34 3.77 0.00	76.56 3.99 0.00	70.17 3.40 0.00	70.46 2.77 0.00	69.00 2.72 0.00
ASTORIA_GT_11 24225	81.05 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.00 2.32 0.00	66.28 2.91 0.00	68.12 3.24 0.00	62.90 3.17 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.12 4.01 0.00	95.64 5.16 0.00	92.37 4.82 0.00	76.34 3.77 0.00	76.56 3.99 0.00	70.17 3.40 0.00	70.46 2.77 0.00	69.00 2.72 0.00
ASTORIA_GT_12 24226	81.05 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.00 2.32 0.00	66.28 2.91 0.00	68.12 3.24 0.00	62.90 3.17 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.12 4.01 0.00	95.64 5.16 0.00	92.37 4.82 0.00	76.34 3.77 0.00	76.56 3.99 0.00	70.17 3.40 0.00	70.46 2.77 0.00	69.00 2.72 0.00
ASTORIA_GT_13 24227	81.05 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.00 2.32 0.00	66.28 2.91 0.00	68.12 3.24 0.00	62.90 3.17 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.12 4.01 0.00	95.64 5.16 0.00	92.37 4.82 0.00	76.34 3.77 0.00	76.56 3.99 0.00	70.17 3.40 0.00	70.46 2.77 0.00	69.00 2.72 0.00
ASTORIA_GT_5 24106	80.74 3.03 0.00	67.47 2.03 0.00	61.03 1.89 0.00	56.19 1.64 0.00	57.80 1.63 0.00	61.13 1.72 0.01	58.83 2.15 0.00	66.09 2.72 0.00	67.99 3.11 0.00	62.72 2.99 0.00	62.01 3.07 0.00	59.48 2.83 0.00	58.29 2.67 0.00	57.83 2.60 0.00	58.46 2.84 0.00	66.82 3.48 0.00	72.98 3.87 0.00	95.46 4.98 0.00	92.20 4.64 0.00	76.19 3.63 0.00	76.41 3.85 0.00	69.97 3.20 0.00	70.25 2.57 0.00	68.73 2.45 0.00
ASTORIA_GT_7 24107	80.74 3.03 0.00	67.47 2.03 0.00	61.03 1.89 0.00	56.19 1.64 0.00	57.80 1.63 0.00	61.13 1.72 0.01	58.83 2.15 0.00	66.09 2.72 0.00	67.99 3.11 0.00	62.72 2.99 0.00	62.01 3.07 0.00	59.48 2.83 0.00	58.29 2.67 0.00	57.83 2.60 0.00	58.46 2.84 0.00	66.82 3.48 0.00	72.98 3.87 0.00	95.46 4.98 0.00	92.20 4.64 0.00	76.19 3.63 0.00	76.41 3.85 0.00	69.97 3.20 0.00	70.25 2.57 0.00	68.73 2.45 0.00
ASTORIA_GT_8 24108	80.74 3.03 0.00	67.47 2.03 0.00	61.03 1.89 0.00	56.19 1.64 0.00	57.80 1.63 0.00	61.13 1.72 0.01	58.83 2.15 0.00	66.09 2.72 0.00	67.99 3.11 0.00	62.72 2.99 0.00	62.01 3.07 0.00	59.48 2.83 0.00	58.29 2.67 0.00	57.83 2.60 0.00	58.46 2.84 0.00	66.82 3.48 0.00	72.98 3.87 0.00	95.46 4.98 0.00	92.20 4.64 0.00	76.19 3.63 0.00	76.41 3.85 0.00	69.97 3.20 0.00	70.25 2.57 0.00	68.73 2.45 0.00
ASTORIA___2 24149	80.57 2.88 0.01	67.39 1.96 0.01	60.97 1.84 0.01	56.13 1.58 0.01	57.74 1.57 0.01	61.07 1.66 0.01	58.77 2.10 0.01	66.01 2.66 0.01	67.86 2.99 0.01	62.59 2.87 0.01	61.83 2.89 0.01	59.36 2.72 0.01	58.23 2.61 0.01	57.76 2.54 0.01	58.45 2.84 0.01	66.62 3.29 0.01	72.83 3.73 0.01	95.27 4.79 0.01	92.01 4.46 0.01	76.04 3.48 0.01	76.26 3.70 0.01	69.83 3.07 0.01	70.58 2.91 0.01	68.73 2.45 0.01
ASTORIA___3 23516	81.04 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.00 2.32 0.00	66.34 2.98 0.00	68.12 3.24 0.00	62.90 3.16 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.46 2.84 0.00	57.99 2.76 0.00	58.68 3.06 0.00	66.88 3.54 0.00	73.12 4.01 0.00	95.64 5.15 0.00	92.37 4.81 0.00	76.41 3.84 0.00	76.55 3.99 0.00	70.16 3.40 0.00	70.93 3.25 0.00	69.06 2.78 0.00
ASTORIA___4 23517	81.05 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.00 2.32 0.00	66.28 2.91 0.00	68.12 3.24 0.00	62.90 3.17 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.12 4.01 0.00	95.64 5.16 0.00	92.37 4.82 0.00	76.34 3.77 0.00	76.56 3.99 0.00	70.17 3.40 0.00	70.46 2.77 0.00	69.00 2.72 0.00
ASTORIA___5 23518	81.04 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.00 2.32 0.00	66.34 2.98 0.00	68.12 3.24 0.00	62.90 3.16 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.46 2.84 0.00	57.99 2.76 0.00	58.68 3.06 0.00	66.88 3.54 0.00	73.12 4.01 0.00	95.64 5.15 0.00	92.37 4.81 0.00	76.41 3.84 0.00	76.55 3.99 0.00	70.16 3.40 0.00	70.93 3.25 0.00	69.06 2.78 0.00
AST_ENERGY_2_CC3 323677	81.28 3.58 0.00	68.06 2.62 0.00	61.51 2.37 0.00	56.63 2.07 0.00	58.31 2.13 0.00	61.67 2.26 0.00	59.23 2.55 0.00	66.53 3.17 0.00	68.31 3.44 0.00	62.96 3.22 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.62 3.00 0.00	66.82 3.48 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.48 3.92 0.00	76.63 4.06 0.00	70.23 3.47 0.00	71.00 3.32 0.00	69.06 2.78 0.00
AST_ENERGY_2_CC4 323678	81.28 3.58 0.00	68.06 2.62 0.00	61.51 2.37 0.00	56.63 2.07 0.00	58.31 2.13 0.00	61.67 2.26 0.00	59.23 2.55 0.00	66.53 3.17 0.00	68.31 3.44 0.00	62.96 3.22 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.62 3.00 0.00	66.82 3.48 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.48 3.92 0.00	76.63 4.06 0.00	70.23 3.47 0.00	71.00 3.32 0.00	69.06 2.78 0.00

ATHENS_STG_1 23668	80.50 2.79 0.00	67.53 2.09 0.00	61.09 1.95 0.00	56.19 1.64 0.00	57.92 1.74 0.00	61.32 1.90 0.00	58.61 1.93 0.00	65.64 2.28 0.00	67.34 2.46 0.00	61.95 2.21 0.00	61.19 2.24 0.00	58.91 2.27 0.00	57.79 2.17 0.00	57.38 2.15 0.00	57.85 2.23 0.00	65.68 2.34 0.00	71.81 2.69 0.00	94.01 3.53 0.00	90.88 3.33 0.00	75.32 2.76 0.00	75.32 2.76 0.00	69.16 2.40 0.00	69.98 2.30 0.00	68.34 2.06 0.00
ATHENS_STG_2 23670	80.50 2.79 0.00	67.53 2.09 0.00	61.09 1.95 0.00	56.19 1.64 0.00	57.92 1.74 0.00	61.32 1.90 0.00	58.61 1.93 0.00	65.64 2.28 0.00	67.34 2.46 0.00	61.95 2.21 0.00	61.19 2.24 0.00	58.91 2.27 0.00	57.79 2.17 0.00	57.38 2.15 0.00	57.85 2.23 0.00	65.68 2.34 0.00	71.81 2.69 0.00	94.01 3.53 0.00	90.88 3.33 0.00	75.32 2.76 0.00	75.32 2.76 0.00	69.16 2.40 0.00	69.98 2.30 0.00	68.34 2.06 0.00
ATHENS_STG_3 23677	80.50 2.79 0.00	67.53 2.09 0.00	61.09 1.95 0.00	56.19 1.64 0.00	57.92 1.74 0.00	61.32 1.90 0.00	58.61 1.93 0.00	65.64 2.28 0.00	67.34 2.46 0.00	61.95 2.21 0.00	61.19 2.24 0.00	58.91 2.27 0.00	57.79 2.17 0.00	57.38 2.15 0.00	57.85 2.23 0.00	65.68 2.34 0.00	71.81 2.69 0.00	94.01 3.53 0.00	90.88 3.33 0.00	75.32 2.76 0.00	75.32 2.76 0.00	69.16 2.40 0.00	69.98 2.30 0.00	68.34 2.06 0.00
AUBURN___LFGE 323710	76.77 -0.93 0.00	64.65 -0.79 0.00	58.37 -0.77 0.00	53.74 -0.82 0.00	55.56 -0.62 0.00	58.76 -0.65 0.00	56.05 -0.62 0.00	62.66 -0.70 0.00	64.10 -0.78 0.00	59.08 -0.66 0.00	58.24 -0.71 0.00	55.74 -0.91 0.00	54.73 -0.89 0.00	54.35 -0.88 0.00	54.79 -0.83 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.67 -0.81 0.00	86.94 -0.61 0.00	71.98 -0.58 0.00	71.91 -0.65 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00
BABYLON_RES_REC 323704	84.00 6.29 0.00	70.21 4.77 0.00	63.75 4.62 0.00	58.54 3.98 0.00	60.33 4.16 0.00	64.00 4.58 -0.01	60.70 4.02 0.00	68.68 5.32 0.00	70.39 5.51 0.00	64.45 4.72 0.00	64.14 5.19 0.00	60.95 4.30 0.00	59.74 4.12 0.00	59.59 4.36 0.00	60.63 5.01 0.00	69.56 6.21 -0.01	98.27 6.84 -22.31	99.47 8.96 -0.03	96.06 8.49 -0.02	97.31 6.90 -17.85	89.26 7.12 -9.58	89.21 6.27 -16.17	73.57 5.89 -0.01	71.52 5.23 0.00
BABYLON__69_KV_BK2 356345	85.24 7.54 0.00	71.26 5.82 0.00	64.64 5.50 0.00	59.36 4.80 0.00	61.17 5.00 0.00	64.95 5.53 -0.01	61.49 4.82 0.00	69.51 6.15 0.00	71.37 6.49 0.00	65.23 5.50 0.00	64.84 5.89 0.00	61.74 5.10 0.00	60.18 4.56 0.00	60.03 4.80 0.00	61.24 5.62 0.00	70.63 7.28 -0.01	99.04 8.02 -21.91	101.10 10.59 -0.03	97.55 9.98 -0.02	98.22 8.13 -17.53	90.32 8.34 -9.41	90.05 7.41 -15.88	74.66 6.97 -0.01	72.38 6.10 0.00
BALL_HILL_WT_PWR 323825	75.30 -2.41 0.00	63.74 -1.70 0.00	57.72 -1.42 0.00	53.25 -1.31 0.00	55.27 -0.90 0.00	58.05 -1.36 0.00	55.09 -1.59 0.00	59.62 -3.74 0.00	60.72 -4.15 0.00	56.03 -3.70 0.00	55.53 -3.42 0.00	52.96 -3.68 0.00	52.06 -3.56 0.00	51.97 -3.26 0.00	52.17 -3.45 0.00	59.73 -3.61 0.00	64.14 -4.98 0.00	84.69 -5.79 0.00	82.48 -5.08 0.00	68.43 -4.13 0.00	68.50 -4.06 0.00	63.42 -3.34 0.00	65.72 -1.96 0.00	65.09 -1.19 0.00
BARON_WINDS___WT_PWR 323822	76.78 -0.93 0.00	64.79 -0.65 0.00	58.61 -0.53 0.00	53.96 -0.60 0.00	55.95 -0.22 0.00	58.94 -0.48 0.00	56.11 -0.57 0.00	61.65 -1.71 0.00	62.80 -2.08 0.00	57.82 -1.91 0.00	57.06 -1.89 0.00	54.55 -2.09 0.00	53.56 -2.06 0.00	53.30 -1.93 0.00	53.67 -1.95 0.00	61.57 -1.77 0.00	66.76 -2.35 0.00	88.05 -2.44 0.00	85.55 -2.01 0.00	70.90 -1.67 0.00	70.90 -1.67 0.00	65.49 -1.27 0.00	67.00 -0.68 0.00	66.08 -0.20 0.00
BARRETT_IC_1 23704	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_10 23701	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_11 23702	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_12 23703	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_2 23705	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_3 23706	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_4 23707	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00

BARRETT_IC_5 23708	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_6 23709	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_7 23710	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.48 4.12 0.00	69.29 4.41 0.00	63.50 3.76 0.00	62.78 3.83 0.00	59.87 3.23 0.00	58.46 2.84 0.00	58.21 2.98 0.00	59.18 3.56 0.00	68.28 4.94 0.00	93.68 5.25 -19.32	97.10 6.61 -0.01	93.87 6.30 -0.01	93.24 5.22 -15.45	86.52 5.66 -8.29	85.64 4.87 -14.00	72.08 4.40 0.00	69.93 3.65 0.00
BARRETT_IC_8 23711	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT_IC_9 23700	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT___1 23545	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BARRETT___2 23546	82.45 4.74 0.00	69.04 3.60 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.43 3.26 0.00	62.99 3.56 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	62.90 3.95 0.00	59.87 3.23 0.00	58.79 3.17 0.00	58.54 3.31 0.00	59.40 3.78 0.00	68.22 4.88 0.00	93.68 5.25 -19.32	97.10 6.60 -0.01	93.87 6.31 -0.01	93.25 5.23 -15.45	86.52 5.66 -8.29	85.63 4.87 -14.00	72.08 4.40 0.00	70.06 3.78 0.00
BATAVIA__115KV_TB1 55881	74.83 -2.88 0.00	63.35 -2.09 0.00	57.36 -1.77 0.00	52.81 -1.75 0.00	54.88 -1.29 0.00	57.81 -1.60 0.00	54.69 -1.98 0.00	59.56 -3.80 0.00	60.73 -4.15 0.00	55.97 -3.76 0.00	55.29 -3.65 0.00	52.74 -3.91 0.00	51.84 -3.78 0.00	51.64 -3.59 0.00	51.95 -3.67 0.00	59.73 -3.61 0.00	64.34 -4.77 0.00	85.15 -5.34 0.00	82.74 -4.82 0.00	68.65 -3.92 0.00	68.57 -3.99 0.00	63.42 -3.34 0.00	65.58 -2.10 0.00	64.69 -1.59 0.00
BAYONEEC___CTG1 323682	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BAYONEEC___CTG10 323750	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BAYONEEC___CTG2 323683	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BAYONEEC___CTG3 323684	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BAYONEEC___CTG4 323685	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BAYONEEC___CTG5 323686	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BAYONEEC___CTG6 323687	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01

BAYONEEC___CTG7 323688	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BAYONEEC___CTG8 323689	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BAYONEEC___CTG9 323749	79.35 3.65 2.01	67.10 2.62 0.96	62.10 2.43 -0.54	56.68 2.13 0.00	58.36 2.19 0.00	61.73 2.31 0.00	59.29 2.61 0.00	66.59 3.23 0.00	68.44 3.57 0.00	63.08 3.34 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.62 3.00 0.00	66.88 3.54 0.01	68.56 4.15 4.70	90.13 5.34 5.69	86.85 4.99 5.70	70.81 3.99 5.74	74.00 4.13 2.70	68.61 3.54 1.69	68.55 3.32 2.44	69.12 2.85 0.01
BEACON___LESR 323632	81.82 4.12 0.00	68.65 3.21 0.00	62.04 2.90 0.00	57.01 2.46 0.00	58.81 2.64 0.00	62.33 2.91 0.00	59.68 3.00 0.00	66.72 3.36 0.00	68.57 3.70 0.00	62.96 3.22 0.00	62.01 3.06 0.00	59.53 2.89 0.00	58.46 2.84 0.00	57.99 2.76 0.00	58.51 2.89 0.00	66.32 2.98 0.00	72.29 3.18 0.00	94.74 4.25 0.00	91.76 4.20 0.00	75.98 3.41 0.00	75.83 3.27 0.00	69.70 2.93 0.00	70.46 2.78 0.00	68.86 2.58 0.00
BEAVER RIVER___HYD 24048	77.94 0.23 0.00	65.83 0.40 0.00	59.50 0.36 0.00	54.88 0.33 0.00	56.57 0.40 0.00	59.71 0.30 0.00	56.85 0.17 0.00	64.06 0.70 0.00	65.33 0.46 0.00	60.21 0.48 0.00	59.36 0.42 0.00	56.82 0.17 0.00	55.79 0.17 0.00	55.34 0.11 0.00	55.73 0.11 0.00	63.79 0.45 0.00	69.80 0.69 0.00	91.30 0.81 0.00	88.52 0.96 0.00	73.36 0.80 0.00	73.36 0.80 0.00	67.36 0.60 0.00	68.36 0.68 0.00	67.01 0.73 0.00
BEEBEE_GT_13 23619	74.91 -2.80 0.00	63.28 -2.16 0.00	57.25 -1.89 0.00	52.70 -1.85 0.00	54.66 -1.52 0.00	57.63 -1.78 0.00	54.69 -1.98 0.00	60.26 -3.10 0.00	61.50 -3.37 0.00	56.69 -3.05 0.00	55.88 -3.07 0.00	53.47 -3.17 0.00	52.51 -3.11 0.00	52.25 -2.98 0.00	52.62 -3.00 0.00	60.36 -2.98 0.00	65.45 -3.66 0.00	86.32 -4.16 0.00	83.70 -3.85 0.00	69.37 -3.19 0.00	69.37 -3.19 0.00	64.02 -2.74 0.00	65.58 -2.10 0.00	64.49 -1.79 0.00
BENSHRST_27_KV_BENSHRST_1 355998	82.27 4.51 -0.06	68.71 3.27 0.00	62.04 2.90 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.01	59.51 2.83 0.00	66.85 3.48 0.00	68.84 3.96 0.00	63.56 3.82 0.00	62.84 3.89 0.00	60.33 3.68 0.00	59.12 3.50 0.00	58.60 3.37 0.00	59.18 3.56 0.00	67.71 4.37 0.00	73.88 4.77 0.00	96.64 6.15 0.00	93.33 5.78 0.00	77.14 4.57 0.00	77.35 4.79 0.00	70.77 4.01 0.00	71.13 3.45 0.00	69.59 3.31 0.00
BETHLEHEM___GRP 23843	80.58 2.88 0.00	67.73 2.29 0.00	61.21 2.07 0.00	56.30 1.75 0.00	58.08 1.91 0.00	61.50 2.08 0.00	58.72 2.04 0.00	65.64 2.28 0.00	67.41 2.53 0.00	61.94 2.21 0.00	61.01 2.06 0.00	58.69 2.04 0.00	57.57 1.95 0.00	57.11 1.88 0.00	57.62 2.00 0.00	65.18 1.84 0.00	71.05 1.94 0.00	92.93 2.44 0.00	89.92 2.36 0.00	74.45 1.89 0.00	74.38 1.81 0.00	68.43 1.67 0.00	69.10 1.42 0.00	67.54 1.26 0.00
BETHLEHEM___GS1 323560	80.58 2.88 0.00	67.73 2.29 0.00	61.21 2.07 0.00	56.30 1.75 0.00	58.08 1.91 0.00	61.49 2.08 0.00	58.71 2.04 0.00	65.71 2.35 0.00	67.41 2.53 0.00	61.95 2.21 0.00	61.01 2.06 0.00	58.68 2.04 0.00	57.62 2.00 0.00	57.22 1.99 0.00	57.68 2.06 0.00	65.18 1.84 0.00	71.05 1.93 0.00	92.93 2.44 0.00	89.92 2.36 0.00	74.52 1.96 0.00	74.38 1.81 0.00	68.43 1.67 0.00	69.17 1.49 0.00	67.68 1.39 0.00
BETHLEHEM___GS2 323561	80.58 2.88 0.00	67.73 2.29 0.00	61.21 2.07 0.00	56.30 1.75 0.00	58.08 1.91 0.00	61.49 2.08 0.00	58.71 2.04 0.00	65.71 2.35 0.00	67.41 2.53 0.00	61.95 2.21 0.00	61.01 2.06 0.00	58.68 2.04 0.00	57.62 2.00 0.00	57.22 1.99 0.00	57.68 2.06 0.00	65.18 1.84 0.00	71.05 1.93 0.00	92.93 2.44 0.00	89.92 2.36 0.00	74.52 1.96 0.00	74.38 1.81 0.00	68.43 1.67 0.00	69.17 1.49 0.00	67.68 1.39 0.00
BETHLEHEM___GS3 323562	80.58 2.88 0.00	67.73 2.29 0.00	61.21 2.07 0.00	56.30 1.75 0.00	58.08 1.91 0.00	61.49 2.08 0.00	58.71 2.04 0.00	65.71 2.35 0.00	67.41 2.53 0.00	61.95 2.21 0.00	61.01 2.06 0.00	58.68 2.04 0.00	57.62 2.00 0.00	57.22 1.99 0.00	57.68 2.06 0.00	65.18 1.84 0.00	71.05 1.93 0.00	92.93 2.44 0.00	89.92 2.36 0.00	74.52 1.96 0.00	74.38 1.81 0.00	68.43 1.67 0.00	69.17 1.49 0.00	67.68 1.39 0.00
BETHLEHEM___STEEL 23779	74.83 -2.88 0.00	63.41 -2.03 0.00	57.36 -1.77 0.00	52.92 -1.64 0.00	54.94 -1.24 0.00	57.69 -1.72 0.00	54.75 -1.93 0.00	59.18 -4.18 0.00	60.34 -4.54 0.00	55.67 -4.06 0.00	55.18 -3.77 0.00	52.57 -4.08 0.00	51.73 -3.89 0.00	51.64 -3.59 0.00	51.84 -3.78 0.00	59.35 -3.99 0.00	63.72 -5.39 0.00	84.15 -6.33 0.00	81.95 -5.60 0.00	68.07 -4.50 0.00	68.07 -4.50 0.00	63.09 -3.67 0.00	65.45 -2.23 0.00	64.76 -1.52 0.00
BETHLHEM_115KV_TB1 79974	80.50 2.80 0.00	67.66 2.22 0.00	61.15 2.01 0.00	56.25 1.69 0.00	58.03 1.85 0.00	61.44 2.02 0.00	58.72 2.04 0.00	65.64 2.28 0.00	67.34 2.47 0.00	61.89 2.15 0.00	61.01 2.06 0.00	58.69 2.04 0.00	57.57 1.95 0.00	57.11 1.88 0.00	57.62 2.00 0.00	65.24 1.90 0.00	71.12 2.00 0.00	93.02 2.53 0.00	90.01 2.45 0.00	74.52 1.96 0.00	74.45 1.89 0.00	68.50 1.74 0.00	69.17 1.49 0.00	67.67 1.39 0.00
BETHPAGE_CC_5 323564	82.99 5.29 0.00	69.50 4.06 0.00	63.04 3.90 0.00	57.94 3.38 0.00	59.71 3.54 0.00	63.35 3.92 -0.01	60.19 3.52 0.00	67.98 4.62 0.00	69.68 4.80 0.00	63.85 4.12 0.00	63.49 4.54 0.00	60.38 3.74 0.00	59.29 3.67 0.00	59.04 3.81 0.00	59.96 4.34 0.00	68.67 5.32 -0.01	98.38 5.81 -23.46	98.11 7.60 -0.03	94.84 7.26 -0.02	97.21 5.88 -18.77	88.73 6.10 -10.07	89.11 5.34 -17.01	72.69 5.01 -0.01	70.65 4.37 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	75.14 -2.56 0.00	63.61 -1.83 0.00	57.60 -1.54 0.00	53.14 -1.42 0.00	55.11 -1.07 0.00	57.93 -1.49 0.00	54.98 -1.70 0.00	59.50 -3.87 0.00	60.60 -4.28 0.00	55.97 -3.76 0.00	55.41 -3.54 0.00	52.85 -3.80 0.00	51.95 -3.67 0.00	51.86 -3.37 0.00	52.12 -3.50 0.00	59.60 -3.74 0.00	64.07 -5.05 0.00	84.60 -5.88 0.00	82.30 -5.25 0.00	68.36 -4.21 0.00	68.36 -4.21 0.00	63.36 -3.40 0.00	65.72 -1.96 0.00	64.96 -1.33 0.00

BINGHAMTON___COGEN 23790	77.94 0.23 0.00	65.57 0.13 0.00	59.26 0.12 0.00	54.61 0.05 0.00	56.40 0.22 0.00	59.59 0.18 0.00	56.85 0.17 0.00	63.23 -0.13 0.00	64.68 -0.19 0.00	59.56 -0.18 0.00	58.77 -0.18 0.00	56.36 -0.28 0.00	55.34 -0.28 0.00	54.95 -0.28 0.00	55.34 -0.28 0.00	63.28 -0.06 0.00	68.97 -0.14 0.00	90.57 0.09 0.00	87.82 0.26 0.00	72.71 0.15 0.00	72.71 0.15 0.00	66.96 0.20 0.00	68.02 0.34 0.00	66.68 0.40 0.00
BIXINCNT_115KV_LOAD 355685	76.31 -1.40 0.00	64.65 -0.79 0.00	58.55 -0.59 0.00	53.96 -0.60 0.00	56.00 -0.17 0.00	58.70 -0.71 0.00	55.94 -0.74 0.00	60.64 -2.72 0.00	61.83 -3.05 0.00	57.05 -2.69 0.00	56.53 -2.42 0.00	53.93 -2.72 0.00	52.95 -2.67 0.00	52.80 -2.43 0.00	53.01 -2.61 0.00	60.68 -2.66 0.00	65.31 -3.80 0.00	86.05 -4.43 0.00	83.53 -4.03 0.00	69.37 -3.19 0.00	69.44 -3.12 0.00	64.42 -2.34 0.00	66.73 -0.95 0.00	65.88 -0.40 0.00
BLACK RIVER___HYD 24047	78.40 0.70 0.00	66.16 0.72 0.00	59.79 0.65 0.00	55.10 0.55 0.00	56.85 0.68 0.00	60.01 0.59 0.00	57.13 0.45 0.00	64.50 1.14 0.00	65.79 0.91 0.00	60.57 0.84 0.00	59.71 0.76 0.00	57.05 0.40 0.00	56.01 0.39 0.00	55.56 0.33 0.00	56.01 0.39 0.00	64.29 0.95 0.00	70.49 1.38 0.00	92.29 1.81 0.00	89.57 2.02 0.00	74.23 1.67 0.00	74.23 1.67 0.00	68.10 1.33 0.00	69.03 1.35 0.00	67.54 1.26 0.00
BLACKRVR_115KV_TB2 79977	78.40 0.70 0.00	66.16 0.72 0.00	59.79 0.65 0.00	55.10 0.55 0.00	56.85 0.67 0.00	60.01 0.59 0.00	57.13 0.45 0.00	64.50 1.14 0.00	65.79 0.91 0.00	60.57 0.84 0.00	59.71 0.77 0.00	56.99 0.34 0.00	56.01 0.39 0.00	55.56 0.33 0.00	56.01 0.39 0.00	64.29 0.95 0.00	70.50 1.38 0.00	92.29 1.81 0.00	89.57 2.01 0.00	74.23 1.67 0.00	74.23 1.67 0.00	68.10 1.34 0.00	69.17 1.49 0.00	67.61 1.33 0.00
BLISS_WT_PWR 323608	76.38 -1.32 0.00	64.72 -0.72 0.00	58.66 -0.48 0.00	54.01 -0.55 0.00	56.06 -0.11 0.00	58.76 -0.65 0.00	56.00 -0.68 0.00	60.70 -2.66 0.00	61.89 -2.98 0.00	57.11 -2.63 0.00	56.59 -2.36 0.00	53.98 -2.66 0.00	53.01 -2.61 0.00	52.86 -2.37 0.00	53.06 -2.56 0.00	60.68 -2.66 0.00	65.38 -3.73 0.00	86.05 -4.43 0.00	83.53 -4.03 0.00	69.37 -3.19 0.00	69.45 -3.12 0.00	64.42 -2.34 0.00	66.67 -1.01 0.00	65.89 -0.40 0.00
BLUESTONE___WT_PWR 323821	83.46 5.75 0.00	70.28 4.84 0.00	63.52 4.38 0.00	58.43 3.87 0.00	60.50 4.33 0.00	63.87 4.46 0.00	60.87 4.19 0.00	68.37 5.00 0.00	69.61 4.73 0.00	64.04 4.30 0.00	62.90 3.95 0.00	59.99 3.34 0.00	58.84 3.22 0.00	58.38 3.15 0.00	58.79 3.17 0.00	67.65 4.31 0.00	74.30 5.19 0.00	97.81 7.33 0.00	95.09 7.53 0.00	78.66 6.10 0.00	78.66 6.10 0.00	72.03 5.27 0.00	73.16 5.48 0.00	71.38 5.10 0.00
BLUE_CIRC_CHEM_DRP 24182	80.97 3.26 0.00	67.99 2.55 0.00	61.50 2.37 0.00	56.57 2.02 0.00	58.36 2.19 0.00	61.73 2.32 0.00	58.94 2.27 0.00	65.77 2.41 0.00	67.47 2.60 0.00	61.89 2.15 0.00	61.01 2.06 0.00	58.74 2.10 0.00	57.57 1.95 0.00	57.16 1.93 0.00	57.62 2.00 0.00	65.49 2.15 0.00	71.46 2.35 0.00	93.65 3.17 0.00	90.62 3.06 0.00	75.10 2.54 0.00	75.03 2.47 0.00	69.03 2.27 0.00	69.78 2.10 0.00	68.27 1.99 0.00
BOC_GAS_DRP 24189	80.11 2.41 0.00	67.34 1.90 0.00	60.85 1.72 0.00	56.03 1.47 0.00	57.75 1.57 0.00	61.08 1.66 0.00	58.38 1.70 0.00	65.26 1.90 0.00	67.02 2.14 0.00	61.59 1.85 0.00	60.78 1.83 0.00	58.52 1.87 0.00	57.40 1.78 0.00	56.94 1.71 0.00	57.40 1.78 0.00	65.18 1.84 0.00	71.12 2.00 0.00	93.11 2.62 0.00	90.01 2.45 0.00	74.60 2.03 0.00	74.60 2.03 0.00	68.56 1.80 0.00	69.30 1.62 0.00	67.81 1.52 0.00
BOONVILLE_115KV_TB1 79983	79.65 1.94 0.00	67.08 1.64 0.00	60.62 1.48 0.00	55.86 1.31 0.00	57.63 1.46 0.00	60.90 1.49 0.00	58.09 1.42 0.00	65.26 1.90 0.00	66.63 1.75 0.00	61.35 1.61 0.00	60.48 1.53 0.00	57.89 1.25 0.00	56.79 1.17 0.00	56.39 1.16 0.00	56.79 1.17 0.00	64.99 1.65 0.00	71.05 1.94 0.00	93.11 2.62 0.00	90.18 2.63 0.00	74.74 2.18 0.00	74.67 2.10 0.00	68.56 1.80 0.00	69.58 1.90 0.00	68.14 1.86 0.00
BORALEX_4TH_BRANCH 23824	82.83 5.13 0.00	69.50 4.06 0.00	62.81 3.67 0.00	57.77 3.22 0.00	59.54 3.37 0.00	63.04 3.62 0.00	60.30 3.63 0.00	67.42 4.06 0.00	69.22 4.35 0.00	63.74 4.00 0.00	62.90 3.95 0.00	60.44 3.80 0.00	59.24 3.62 0.00	58.82 3.59 0.00	59.29 3.67 0.00	67.65 4.31 0.00	73.81 4.70 0.00	96.73 6.24 0.00	93.60 6.04 0.00	77.57 5.01 0.00	77.43 4.86 0.00	71.17 4.41 0.00	71.94 4.26 0.00	70.26 3.98 0.00
BOWLINE___1 23526	80.58 2.88 0.00	67.53 2.09 0.00	61.03 1.89 0.00	56.14 1.58 0.00	57.80 1.63 0.00	61.20 1.78 0.00	58.61 1.93 0.00	65.83 2.47 0.00	67.67 2.79 0.00	62.24 2.51 0.00	61.37 2.42 0.00	58.85 2.21 0.00	57.79 2.17 0.00	57.33 2.10 0.00	57.95 2.34 0.00	66.06 2.72 0.00	72.43 3.32 0.00	94.74 4.25 0.00	91.59 4.03 0.00	75.83 3.27 0.00	75.90 3.34 0.00	69.56 2.80 0.00	70.25 2.57 0.00	68.46 2.18 0.00
BOWLINE___2 23595	80.58 2.88 0.00	67.53 2.09 0.00	61.03 1.89 0.00	56.14 1.58 0.00	57.80 1.63 0.00	61.20 1.78 0.00	58.61 1.93 0.00	65.83 2.47 0.00	67.60 2.72 0.00	62.24 2.51 0.00	61.37 2.42 0.00	58.85 2.21 0.00	57.73 2.11 0.00	57.33 2.10 0.00	57.95 2.34 0.00	66.06 2.72 0.00	72.43 3.32 0.00	94.74 4.25 0.00	91.59 4.03 0.00	75.75 3.19 0.00	75.83 3.27 0.00	69.56 2.80 0.00	70.25 2.57 0.00	68.46 2.18 0.00
BRADY___115KV_TB2 356060	78.17 0.47 0.00	66.55 1.11 0.00	60.09 0.95 0.00	55.70 1.15 0.00	57.07 0.90 0.00	60.31 0.89 0.00	57.30 0.62 0.00	64.31 0.95 0.00	65.53 0.65 0.00	60.39 0.66 0.00	59.66 0.71 0.00	57.38 0.74 0.00	56.45 0.83 0.00	56.00 0.77 0.00	56.34 0.72 0.00	63.97 0.63 0.00	69.74 0.62 0.00	90.85 0.36 0.00	87.82 0.26 0.00	73.07 0.51 0.00	73.07 0.51 0.00	67.43 0.67 0.00	68.70 1.02 0.00	67.54 1.26 0.00
BRANSCOMB___SOLAR 323811	82.68 4.98 0.00	69.30 3.86 0.00	62.69 3.55 0.00	57.55 3.00 0.00	59.43 3.26 0.00	62.98 3.56 0.00	60.13 3.46 0.00	67.10 3.74 0.00	68.90 4.02 0.00	63.26 3.52 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.36 0.00	96.45 5.97 0.00	93.42 5.87 0.00	77.21 4.65 0.00	77.21 4.65 0.00	70.90 4.14 0.00	71.74 4.06 0.00	70.12 3.84 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	85.17 7.46 0.00	71.13 5.69 0.00	64.58 5.44 0.00	59.30 4.75 0.00	61.12 4.94 0.00	64.89 5.47 -0.01	61.44 4.76 0.00	69.51 6.15 0.00	71.24 6.36 0.00	65.17 5.44 0.00	64.72 5.78 0.00	61.63 4.98 0.00	60.07 4.45 0.00	59.92 4.69 0.00	61.13 5.51 0.00	70.50 7.16 -0.01	97.74 7.81 -20.82	100.83 10.32 -0.03	97.29 9.72 -0.02	97.20 7.98 -16.66	89.63 8.13 -8.94	89.13 7.28 -15.09	74.59 6.90 -0.01	72.31 6.03 0.00



BRISTLHL_115KV_TB1 79998	75.45 -2.25 0.00	63.61 -1.83 0.00	57.42 -1.72 0.00	52.92 -1.64 0.00	54.66 -1.52 0.00	57.75 -1.66 0.00	55.15 -1.53 0.00	61.65 -1.71 0.00	63.06 -1.82 0.00	58.12 -1.61 0.00	57.30 -1.65 0.00	54.95 -1.70 0.00	53.95 -1.67 0.00	53.57 -1.66 0.00	54.01 -1.61 0.00	61.76 -1.58 0.00	67.39 -1.73 0.00	88.31 -2.17 0.00	85.63 -1.93 0.00	70.90 -1.67 0.00	70.90 -1.67 0.00	65.23 -1.54 0.00	66.12 -1.56 0.00	64.62 -1.66 0.00
BROOKHAVEN___DRP 24191	85.01 7.30 0.00	71.07 5.63 0.00	64.58 5.44 0.00	59.25 4.69 0.00	61.06 4.89 0.00	64.89 5.47 -0.01	61.27 4.59 0.00	69.44 6.08 0.00	71.24 6.36 0.00	64.99 5.26 0.00	64.72 5.78 0.00	61.57 4.93 0.00	60.01 4.39 0.00	59.92 4.69 0.00	61.18 5.56 0.00	70.69 7.35 -0.01	97.73 8.09 -20.53	101.19 10.68 -0.03	97.64 10.07 -0.02	97.19 8.20 -16.42	89.73 8.34 -8.82	89.19 7.54 -14.88	74.73 7.04 -0.01	72.45 6.16 0.00
BROOKLYN_NAVY_YARD 23515	81.28 3.58 0.00	67.99 2.55 0.00	61.44 2.30 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.62 2.20 0.00	59.23 2.55 0.00	66.53 3.17 0.00	68.38 3.50 0.00	63.08 3.34 0.00	62.13 3.18 0.00	59.59 2.94 0.00	58.46 2.84 0.00	57.99 2.76 0.00	58.68 3.06 0.00	66.95 3.61 0.00	73.33 4.22 0.00	95.91 5.43 0.00	92.63 5.08 0.00	76.63 4.06 0.00	76.77 4.21 0.00	70.30 3.54 0.00	71.00 3.32 0.00	69.06 2.78 0.00
BROOKLYN___ARMY_DRP 323595	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
BROOKVLE_69_KV_TB1 55790	82.68 4.97 0.00	69.30 3.86 0.00	62.92 3.78 0.00	57.83 3.27 0.00	59.60 3.43 0.00	63.17 3.74 -0.01	60.19 3.51 0.00	67.80 4.44 0.00	69.61 4.74 0.00	63.86 4.12 0.00	63.02 4.07 0.00	60.21 3.57 0.00	58.85 3.23 0.00	58.49 3.26 0.00	59.40 3.78 0.00	68.22 4.88 0.00	106.31 5.39 -31.80	97.56 7.06 -0.02	94.23 6.65 -0.02	103.45 5.44 -25.44	91.81 5.59 -13.65	94.69 4.87 -23.05	72.15 4.47 0.00	70.19 3.91 0.00
BROOME_2_LFGE 323671	77.94 0.23 0.00	65.57 0.13 0.00	59.26 0.12 0.00	54.61 0.05 0.00	56.40 0.23 0.00	59.60 0.18 0.00	56.85 0.17 0.00	63.24 -0.13 0.00	64.68 -0.19 0.00	59.56 -0.18 0.00	58.77 -0.18 0.00	56.36 -0.28 0.00	55.34 -0.28 0.00	55.01 -0.22 0.00	55.40 -0.22 0.00	63.28 -0.06 0.00	68.98 -0.14 0.00	90.57 0.09 0.00	87.82 0.26 0.00	72.71 0.15 0.00	72.71 0.15 0.00	66.96 0.20 0.00	68.02 0.34 0.00	66.68 0.40 0.00
BROOME___LFGE 323600	77.94 0.23 0.00	65.57 0.13 0.00	59.26 0.12 0.00	54.61 0.05 0.00	56.40 0.23 0.00	59.60 0.18 0.00	56.85 0.17 0.00	63.24 -0.13 0.00	64.68 -0.19 0.00	59.56 -0.18 0.00	58.77 -0.18 0.00	56.36 -0.28 0.00	55.34 -0.28 0.00	55.01 -0.22 0.00	55.40 -0.22 0.00	63.28 -0.06 0.00	68.98 -0.14 0.00	90.57 0.09 0.00	87.82 0.26 0.00	72.71 0.15 0.00	72.71 0.15 0.00	66.96 0.20 0.00	68.02 0.34 0.00	66.68 0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	76.93 -0.78 0.00	65.24 -0.20 0.00	58.90 -0.24 0.00	54.45 -0.11 0.00	56.00 -0.17 0.00	59.06 -0.36 0.00	56.17 -0.51 0.00	63.17 -0.19 0.00	64.42 -0.45 0.00	59.38 -0.36 0.00	58.59 -0.35 0.00	56.31 -0.34 0.00	55.34 -0.28 0.00	54.90 -0.33 0.00	55.23 -0.39 0.00	62.90 -0.44 0.00	68.70 -0.41 0.00	89.67 -0.81 0.00	86.77 -0.79 0.00	72.13 -0.44 0.00	72.06 -0.51 0.00	66.36 -0.40 0.00	67.55 -0.14 0.00	66.35 0.07 0.00
BROWNSV1_27_KV_LOAD 356125	82.13 4.43 0.00	68.71 3.27 0.00	62.10 2.96 0.00	57.17 2.62 0.00	58.87 2.70 0.00	62.27 2.85 0.00	59.79 3.12 0.00	67.16 3.80 0.00	69.09 4.22 0.00	63.68 3.94 0.00	62.72 3.77 0.00	60.16 3.51 0.00	58.96 3.34 0.00	58.49 3.26 0.00	59.12 3.50 0.00	67.65 4.31 0.00	74.02 4.91 0.00	96.82 6.33 0.00	93.51 5.95 0.00	77.35 4.79 0.00	77.50 4.93 0.00	70.97 4.21 0.00	71.40 3.72 0.00	69.73 3.45 0.00
BURROWS___LYONSDAL 23803	79.34 1.63 0.00	66.88 1.44 0.00	60.38 1.24 0.00	55.70 1.15 0.00	57.41 1.24 0.00	60.72 1.31 0.00	57.87 1.19 0.00	65.07 1.71 0.00	66.43 1.56 0.00	61.17 1.43 0.00	60.30 1.36 0.00	57.67 1.02 0.00	56.62 1.00 0.00	56.17 0.94 0.00	56.62 1.00 0.00	64.80 1.46 0.00	70.84 1.73 0.00	92.75 2.26 0.00	89.92 2.36 0.00	74.52 1.96 0.00	74.45 1.89 0.00	68.36 1.60 0.00	69.37 1.69 0.00	67.94 1.66 0.00
CAITHNESS_CC_1 323624	84.78 7.07 0.00	70.81 5.37 0.00	64.34 5.21 0.00	59.08 4.53 0.00	60.89 4.72 0.00	64.71 5.29 -0.01	61.10 4.42 0.00	69.26 5.89 0.00	70.97 6.10 0.00	64.81 5.07 0.00	64.73 5.78 0.00	61.40 4.76 0.00	60.12 4.50 0.00	60.03 4.80 0.00	61.18 5.56 0.00	70.31 6.97 -0.01	97.37 7.74 -20.52	100.74 10.22 -0.03	97.29 9.72 -0.02	96.82 7.84 -16.42	89.36 7.98 -8.81	88.85 7.21 -14.88	74.45 6.77 -0.01	72.37 6.09 0.00
CALPINE BETH_PAGE_GT4 24209	82.99 5.28 0.00	69.43 3.99 0.00	62.98 3.84 0.00	57.88 3.33 0.00	59.66 3.48 0.00	63.29 3.86 -0.01	60.08 3.40 0.00	67.86 4.50 0.00	69.61 4.74 0.00	63.80 4.06 0.00	63.43 4.48 0.00	60.50 3.85 0.00	59.07 3.45 0.00	58.82 3.59 0.00	59.85 4.23 0.00	68.66 5.32 0.00	99.70 5.81 -24.79	98.11 7.60 -0.03	94.75 7.18 -0.02	98.20 5.81 -19.83	89.23 6.02 -10.64	90.00 5.27 -17.97	72.56 4.87 0.00	70.46 4.18 0.00
CALPINE_BETH_PAGE_GT_4 323586	82.99 5.29 0.00	69.43 3.99 0.00	62.98 3.84 0.00	57.88 3.33 0.00	59.66 3.48 0.00	63.29 3.86 -0.01	60.13 3.46 0.00	67.93 4.56 0.00	69.61 4.73 0.00	63.80 4.06 0.00	63.55 4.60 0.00	60.50 3.85 0.00	59.35 3.73 0.00	59.09 3.86 0.00	60.07 4.45 0.00	68.60 5.25 0.00	99.70 5.81 -24.79	98.11 7.60 -0.03	94.75 7.18 -0.02	98.20 5.81 -19.83	89.23 6.02 -10.64	90.00 5.27 -17.97	72.69 5.01 0.00	70.59 4.31 0.00
CALPINE_BP_GT1 23823	82.99 5.29 0.00	69.43 3.99 0.00	62.98 3.84 0.00	57.88 3.33 0.00	59.66 3.48 0.00	63.29 3.86 -0.01	60.13 3.46 0.00	67.93 4.56 0.00	69.61 4.73 0.00	63.80 4.06 0.00	63.55 4.60 0.00	60.50 3.85 0.00	59.35 3.73 0.00	59.09 3.86 0.00	60.07 4.45 0.00	68.60 5.25 0.00	99.70 5.81 -24.79	98.11 7.60 -0.03	94.75 7.18 -0.02	98.20 5.81 -19.83	89.23 6.02 -10.64	90.00 5.27 -17.97	72.69 5.01 0.00	70.59 4.31 0.00
CALSPAN___DRP 24200	74.83 -2.88 0.00	63.41 -2.03 0.00	57.36 -1.77 0.00	52.92 -1.64 0.00	54.94 -1.24 0.00	57.69 -1.72 0.00	54.75 -1.93 0.00	59.18 -4.18 0.00	60.34 -4.54 0.00	55.67 -4.06 0.00	55.18 -3.77 0.00	52.57 -4.08 0.00	51.73 -3.89 0.00	51.64 -3.59 0.00	51.84 -3.78 0.00	59.35 -3.99 0.00	63.72 -5.39 0.00	84.15 -6.33 0.00	81.95 -5.60 0.00	68.07 -4.50 0.00	68.07 -4.50 0.00	63.09 -3.67 0.00	65.45 -2.23 0.00	64.76 -1.52 0.00

CALVERTON___SOLAR 323806	85.33 7.62 0.00	71.26 5.82 0.00	64.82 5.68 0.00	59.47 4.91 0.00	61.28 5.11 0.00	65.13 5.70 -0.01	61.49 4.81 0.00	69.76 6.40 0.00	71.50 6.62 0.00	65.17 5.44 0.00	65.14 6.19 0.00	61.75 5.10 0.00	60.46 4.84 0.00	60.42 5.19 0.00	61.63 6.01 0.00	70.88 7.53 -0.01	98.07 8.43 -20.53	101.73 11.22 -0.03	98.16 10.59 -0.02	97.55 8.56 -16.43	90.09 8.70 -8.82	89.52 7.87 -14.88	75.07 7.38 -0.01	72.97 6.69 0.00
CANDIGU_WT_PWR 323617	76.78 -0.93 0.00	64.79 -0.65 0.00	58.61 -0.53 0.00	53.96 -0.60 0.00	55.95 -0.22 0.00	58.94 -0.48 0.00	56.11 -0.57 0.00	61.65 -1.71 0.00	62.80 -2.08 0.00	57.82 -1.91 0.00	57.06 -1.89 0.00	54.55 -2.09 0.00	53.56 -2.06 0.00	53.30 -1.93 0.00	53.67 -1.95 0.00	61.57 -1.77 0.00	66.76 -2.35 0.00	88.05 -2.44 0.00	85.55 -2.01 0.00	70.90 -1.67 0.00	70.90 -1.67 0.00	65.49 -1.27 0.00	67.00 -0.68 0.00	66.08 -0.20 0.00
CARR STREET_E__SYR 24060	76.07 -1.64 0.00	64.00 -1.44 0.00	57.84 -1.30 0.00	53.30 -1.25 0.00	55.05 -1.12 0.00	58.17 -1.25 0.00	55.48 -1.19 0.00	61.97 -1.39 0.00	63.39 -1.49 0.00	58.36 -1.37 0.00	57.59 -1.35 0.00	55.23 -1.41 0.00	54.23 -1.39 0.00	53.85 -1.38 0.00	54.28 -1.34 0.00	62.07 -1.27 0.00	67.66 -1.45 0.00	88.76 -1.72 0.00	85.98 -1.57 0.00	71.18 -1.38 0.00	71.18 -1.38 0.00	65.56 -1.20 0.00	66.46 -1.22 0.00	65.02 -1.26 0.00
CARTHAGE___PAPER 23857	78.10 0.39 0.00	65.96 0.52 0.00	59.56 0.42 0.00	54.94 0.38 0.00	56.62 0.45 0.00	59.84 0.42 0.00	56.96 0.28 0.00	64.25 0.89 0.00	65.53 0.65 0.00	60.33 0.60 0.00	59.48 0.53 0.00	56.87 0.23 0.00	55.90 0.28 0.00	55.40 0.17 0.00	55.84 0.22 0.00	63.97 0.63 0.00	70.08 0.97 0.00	91.66 1.17 0.00	88.87 1.32 0.00	73.65 1.09 0.00	73.58 1.02 0.00	67.57 0.80 0.00	68.50 0.82 0.00	67.14 0.86 0.00
CASSADAGA_WT_PWR 323784	77.47 -0.23 0.00	65.51 0.07 0.00	59.32 0.18 0.00	54.72 0.16 0.00	56.85 0.68 0.00	59.65 0.24 0.00	56.73 0.06 0.00	61.52 -1.84 0.00	62.67 -2.21 0.00	57.82 -1.91 0.00	57.30 -1.65 0.00	54.61 -2.04 0.00	53.62 -2.00 0.00	53.63 -1.60 0.00	53.73 -1.89 0.00	61.57 -1.77 0.00	66.21 -2.90 0.00	87.23 -3.25 0.00	85.01 -2.54 0.00	70.61 -1.96 0.00	70.61 -1.96 0.00	65.29 -1.47 0.00	67.55 -0.14 0.00	66.88 0.60 0.00
CE_DUNWOOD___DRP 24194	81.51 3.81 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.91 2.50 0.00	59.28 2.61 0.00	66.53 3.17 0.00	68.45 3.57 0.00	63.02 3.29 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.26 4.15 0.00	95.91 5.43 0.00	92.63 5.08 0.00	76.70 4.14 0.00	76.77 4.21 0.00	70.37 3.61 0.00	70.86 3.18 0.00	69.20 2.92 0.00
CE_MILLWOOD___DRP 24193	81.36 3.65 0.00	68.12 2.68 0.00	61.62 2.48 0.00	56.63 2.07 0.00	58.36 2.19 0.00	61.79 2.38 0.00	59.17 2.49 0.00	66.40 3.04 0.00	68.32 3.44 0.00	62.90 3.17 0.00	62.01 3.07 0.00	59.48 2.83 0.00	58.23 2.61 0.00	57.83 2.60 0.00	58.40 2.78 0.00	66.82 3.48 0.00	73.12 4.01 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.56 3.99 0.00	76.63 4.06 0.00	70.30 3.54 0.00	70.79 3.11 0.00	69.06 2.78 0.00
CE_NYC2_DRP 24202	81.20 3.50 0.00	67.99 2.55 0.00	61.45 2.31 0.00	56.52 1.96 0.00	58.14 1.97 0.00	61.49 2.08 0.01	59.11 2.44 0.00	66.34 2.98 0.00	68.25 3.37 0.00	63.02 3.29 0.00	62.19 3.24 0.00	59.70 3.06 0.00	58.51 2.89 0.00	57.99 2.76 0.00	58.62 3.00 0.00	67.08 3.74 0.00	73.26 4.15 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.48 3.92 0.00	76.63 4.06 0.00	70.23 3.47 0.00	70.59 2.91 0.00	69.06 2.78 0.00
CE_NYC_DRP 24195	81.51 3.81 0.00	68.25 2.81 0.00	62.61 2.54 -0.93	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.20 2.92 0.00
CHAFFEE___LFGE 323603	74.98 -2.72 0.00	63.48 -1.96 0.00	57.48 -1.66 0.00	53.03 -1.53 0.00	54.99 -1.18 0.00	57.81 -1.60 0.00	54.86 -1.82 0.00	59.43 -3.93 0.00	60.53 -4.35 0.00	55.91 -3.82 0.00	55.35 -3.60 0.00	52.79 -3.85 0.00	51.89 -3.73 0.00	51.81 -3.42 0.00	52.06 -3.56 0.00	59.60 -3.74 0.00	64.00 -5.11 0.00	84.51 -5.97 0.00	82.30 -5.25 0.00	68.28 -4.28 0.00	68.35 -4.21 0.00	63.29 -3.47 0.00	65.45 -2.23 0.00	64.89 -1.40 0.00
CHATEAUG_35_KV_LOAD 355732	78.33 0.62 0.00	66.62 1.18 0.00	60.14 1.01 0.00	55.81 1.25 0.00	57.18 1.01 0.00	60.49 1.07 0.00	57.36 0.68 0.00	64.25 0.89 0.00	65.33 0.45 0.00	60.45 0.72 0.00	59.66 0.71 0.00	57.44 0.79 0.00	56.51 0.89 0.00	56.06 0.83 0.00	56.34 0.72 0.00	63.72 0.38 0.00	69.46 0.35 0.00	90.39 -0.09 0.00	87.21 -0.35 0.00	72.64 0.07 0.00	72.64 0.07 0.00	67.09 0.33 0.00	68.49 0.81 0.00	67.61 1.33 0.00
CHATEAUG_WT_PWR 323614	78.25 0.55 0.00	66.55 1.11 0.00	60.08 0.94 0.00	55.70 1.15 0.00	57.13 0.95 0.00	60.43 1.01 0.00	57.19 0.51 0.00	63.74 0.38 0.00	65.01 0.13 0.00	60.27 0.54 0.00	59.48 0.53 0.00	57.33 0.68 0.00	56.29 0.67 0.00	55.84 0.61 0.00	56.18 0.56 0.00	63.79 0.45 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	86.95 -0.61 0.00	72.35 -0.22 0.00	72.35 -0.22 0.00	66.83 0.07 0.00	67.82 0.14 0.00	67.08 0.80 0.00
CHAT_HIGH_FALL_HYD 323578	78.33 0.62 0.00	66.62 1.18 0.00	60.14 1.01 0.00	55.81 1.25 0.00	57.18 1.01 0.00	60.49 1.07 0.00	57.36 0.68 0.00	64.25 0.89 0.00	65.33 0.45 0.00	60.45 0.72 0.00	59.66 0.71 0.00	57.44 0.79 0.00	56.51 0.89 0.00	56.06 0.83 0.00	56.34 0.72 0.00	63.72 0.38 0.00	69.46 0.35 0.00	90.39 -0.09 0.00	87.21 -0.35 0.00	72.64 0.07 0.00	72.64 0.07 0.00	67.09 0.33 0.00	68.49 0.81 0.00	67.61 1.33 0.00
CHAUTAUQUA___LFGE 323629	76.23 -1.48 0.00	64.52 -0.92 0.00	58.37 -0.77 0.00	53.84 -0.71 0.00	55.95 -0.22 0.00	58.76 -0.65 0.00	55.77 -0.91 0.00	60.38 -2.98 0.00	61.50 -3.38 0.00	56.81 -2.93 0.00	56.24 -2.71 0.00	53.64 -3.00 0.00	52.73 -2.89 0.00	52.63 -2.59 0.00	52.84 -2.78 0.00	60.49 -2.85 0.00	64.97 -4.14 0.00	85.77 -4.71 0.00	83.53 -4.03 0.00	69.30 -3.26 0.00	69.37 -3.19 0.00	64.22 -2.54 0.00	66.46 -1.22 0.00	65.89 -0.40 0.00
CHERRYST_13_KV_LD 356241	81.75 4.04 0.00	68.38 2.94 0.00	61.86 2.72 0.00	56.90 2.35 0.00	58.59 2.42 0.00	62.03 2.61 0.00	59.57 2.89 0.00	66.85 3.48 0.00	68.77 3.89 0.00	63.38 3.64 0.00	62.43 3.48 0.00	59.87 3.23 0.00	58.68 3.06 0.00	58.21 2.98 0.00	58.85 3.23 0.00	67.33 3.99 0.00	73.67 4.56 0.00	96.37 5.88 0.00	93.07 5.52 0.00	76.99 4.43 0.00	77.14 4.57 0.00	70.63 3.87 0.00	71.06 3.38 0.00	69.40 3.12 0.00

CHESTROR_138KV_BK263 355645	80.66 2.95 0.00	67.66 2.22 0.00	61.15 2.01 0.00	56.25 1.69 0.00	57.97 1.80 0.00	61.32 1.90 0.00	58.66 1.98 0.00	65.77 2.41 0.00	67.67 2.79 0.00	62.24 2.51 0.00	61.36 2.42 0.00	58.86 2.21 0.00	57.68 2.06 0.00	57.27 2.04 0.00	57.84 2.22 0.00	66.06 2.72 0.00	72.36 3.25 0.00	94.74 4.25 0.00	91.58 4.03 0.00	75.83 3.27 0.00	75.83 3.27 0.00	69.63 2.87 0.00	70.18 2.50 0.00	68.53 2.25 0.00
CH_MIDHUDSON___DRP 24192	82.13 4.43 0.00	68.84 3.40 0.00	62.21 3.08 0.00	57.17 2.62 0.00	58.93 2.75 0.00	62.39 2.97 0.00	59.68 3.00 0.00	66.91 3.55 0.00	68.90 4.02 0.00	63.32 3.58 0.00	62.37 3.42 0.00	59.82 3.17 0.00	58.62 3.00 0.00	58.16 2.93 0.00	58.79 3.17 0.00	67.20 3.86 0.00	73.67 4.56 0.00	96.46 5.97 0.00	93.16 5.60 0.00	77.14 4.57 0.00	77.21 4.64 0.00	70.83 4.07 0.00	71.34 3.65 0.00	69.66 3.38 0.00
CH_MISC_IPPS 23765	82.45 4.74 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.34 2.78 0.00	59.15 2.98 0.00	62.56 3.15 0.00	59.85 3.17 0.00	67.16 3.80 0.00	69.09 4.21 0.00	63.44 3.70 0.00	62.48 3.54 0.00	59.93 3.28 0.00	58.73 3.11 0.00	58.32 3.09 0.00	59.01 3.39 0.00	67.33 3.99 0.00	73.95 4.84 0.00	96.82 6.33 0.00	93.51 5.96 0.00	77.43 4.86 0.00	77.50 4.94 0.00	71.10 4.34 0.00	71.74 4.06 0.00	69.99 3.71 0.00
CH_RES_BVR_FALLS 23983	77.63 -0.08 0.00	65.51 0.07 0.00	59.20 0.06 0.00	54.66 0.11 0.00	56.23 0.06 0.00	59.48 0.06 0.00	56.68 0.00 0.00	63.36 0.00 0.00	64.81 -0.06 0.00	59.68 -0.06 0.00	58.89 -0.06 0.00	56.65 0.00 0.00	55.62 0.00 0.00	55.23 0.00 0.00	55.56 -0.06 0.00	63.28 -0.06 0.00	68.98 -0.14 0.00	90.12 -0.36 0.00	87.21 -0.35 0.00	72.35 -0.22 0.00	72.35 -0.22 0.00	66.63 -0.13 0.00	67.55 -0.14 0.00	66.28 0.00 0.00
CH_RES_NIAGARA 23895	72.11 -5.59 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.81 -7.07 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.41 -6.23 0.00	49.61 -6.01 0.00	49.49 -5.74 0.00	49.72 -5.90 0.00	56.88 -6.46 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.49 -6.28 0.00	62.94 -4.74 0.00	62.37 -3.91 0.00
CH_RES_SYRACUSE 23985	76.62 -1.09 0.00	64.52 -0.92 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.44 -0.73 0.00	58.64 -0.77 0.00	55.94 -0.74 0.00	62.54 -0.83 0.00	63.97 -0.91 0.00	58.90 -0.84 0.00	58.12 -0.83 0.00	55.68 -0.96 0.00	54.67 -0.95 0.00	54.29 -0.94 0.00	54.73 -0.89 0.00	62.58 -0.76 0.00	68.29 -0.83 0.00	89.58 -0.90 0.00	86.85 -0.70 0.00	71.91 -0.65 0.00	71.84 -0.73 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 0.00 0.00
CLINTON_WT_PWR 323605	78.25 0.55 0.00	66.55 1.11 0.00	60.08 0.94 0.00	55.70 1.15 0.00	57.13 0.95 0.00	60.43 1.01 0.00	57.19 0.51 0.00	63.74 0.38 0.00	65.01 0.13 0.00	60.27 0.54 0.00	59.48 0.53 0.00	57.33 0.68 0.00	56.29 0.67 0.00	55.84 0.61 0.00	56.18 0.56 0.00	63.79 0.45 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	86.95 -0.61 0.00	72.35 -0.22 0.00	72.35 -0.22 0.00	66.83 0.07 0.00	67.82 0.14 0.00	67.08 0.80 0.00
CLINTON___LFGE 323618	79.49 1.79 0.00	67.93 2.49 0.00	61.26 2.13 0.00	56.79 2.24 0.00	58.19 2.02 0.00	61.62 2.20 0.00	58.21 1.53 0.00	64.82 1.46 0.00	66.05 1.17 0.00	61.35 1.61 0.00	60.48 1.53 0.00	58.29 1.64 0.00	57.23 1.61 0.00	56.72 1.49 0.00	57.06 1.44 0.00	64.80 1.46 0.00	70.22 1.10 0.00	91.12 0.64 0.00	87.91 0.35 0.00	73.29 0.73 0.00	73.36 0.80 0.00	67.89 1.13 0.00	68.76 1.08 0.00	68.20 1.92 0.00
COBBLENY_34_KV_TB1 80064	74.99 -2.72 0.00	63.48 -1.96 0.00	57.48 -1.66 0.00	53.03 -1.53 0.00	54.99 -1.18 0.00	57.81 -1.60 0.00	54.86 -1.81 0.00	59.37 -3.99 0.00	60.53 -4.35 0.00	55.91 -3.82 0.00	55.35 -3.60 0.00	52.79 -3.85 0.00	51.95 -3.67 0.00	51.86 -3.37 0.00	52.06 -3.56 0.00	59.60 -3.74 0.00	64.00 -5.11 0.00	84.51 -5.97 0.00	82.30 -5.25 0.00	68.36 -4.21 0.00	68.36 -4.21 0.00	63.29 -3.47 0.00	65.58 -2.10 0.00	64.89 -1.39 0.00
COFFEEN___115KV_TB3 355620	78.87 1.17 0.00	66.62 1.18 0.00	60.14 1.01 0.00	55.43 0.87 0.00	57.18 1.01 0.00	60.37 0.95 0.00	57.47 0.79 0.00	64.95 1.58 0.00	66.18 1.30 0.00	60.93 1.19 0.00	60.07 1.12 0.00	57.27 0.62 0.00	56.29 0.67 0.00	55.84 0.61 0.00	56.29 0.67 0.00	64.67 1.33 0.00	70.91 1.80 0.00	92.93 2.44 0.00	90.18 2.63 0.00	74.74 2.18 0.00	74.74 2.18 0.00	68.56 1.80 0.00	69.58 1.90 0.00	68.00 1.72 0.00
COLDSPRG_115KV_BK1 355956	78.17 0.47 0.00	66.03 0.59 0.00	59.73 0.59 0.00	55.10 0.55 0.00	57.24 1.07 0.00	60.13 0.71 0.00	57.24 0.57 0.00	62.16 -1.20 0.00	63.32 -1.56 0.00	58.42 -1.31 0.00	57.89 -1.06 0.00	55.12 -1.53 0.00	54.12 -1.50 0.00	54.13 -1.10 0.00	54.23 -1.39 0.00	62.14 -1.20 0.00	66.90 -2.21 0.00	88.22 -2.26 0.00	85.89 -1.66 0.00	71.33 -1.23 0.00	71.33 -1.23 0.00	65.96 -0.80 0.00	68.15 0.47 0.00	67.41 1.13 0.00
COLONIE_LFGE___ 323577	81.90 4.19 0.00	68.71 3.27 0.00	62.09 2.96 0.00	57.12 2.56 0.00	58.92 2.75 0.00	62.33 2.91 0.00	59.57 2.89 0.00	66.59 3.23 0.00	68.31 3.44 0.00	62.84 3.10 0.00	61.95 3.00 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.45 2.84 0.00	66.57 3.23 0.00	72.70 3.59 0.00	95.28 4.79 0.00	92.19 4.64 0.00	76.34 3.77 0.00	76.34 3.77 0.00	70.16 3.40 0.00	71.00 3.32 0.00	69.40 3.12 0.00
COOPERNY_115KV_TB1 80082	79.80 2.10 0.00	67.01 1.57 0.00	60.56 1.42 0.00	55.76 1.20 0.00	57.47 1.29 0.00	60.78 1.37 0.00	58.09 1.42 0.00	65.14 1.77 0.00	66.82 1.95 0.00	61.53 1.79 0.00	60.72 1.77 0.00	58.29 1.64 0.00	57.12 1.50 0.00	56.72 1.49 0.00	57.23 1.61 0.00	65.30 1.96 0.00	71.46 2.35 0.00	93.56 3.08 0.00	90.45 2.89 0.00	74.89 2.32 0.00	74.96 2.39 0.00	68.83 2.07 0.00	69.51 1.83 0.00	67.87 1.59 0.00
COPENHAGEN_WT_PWR 323753	78.10 0.39 0.00	65.96 0.52 0.00	59.56 0.42 0.00	54.88 0.33 0.00	56.62 0.45 0.00	59.77 0.36 0.00	56.90 0.23 0.00	64.18 0.82 0.00	65.46 0.58 0.00	60.33 0.60 0.00	59.48 0.53 0.00	56.82 0.17 0.00	55.84 0.22 0.00	55.34 0.11 0.00	55.79 0.17 0.00	64.04 0.70 0.00	70.15 1.04 0.00	91.84 1.36 0.00	89.13 1.58 0.00	73.87 1.31 0.00	73.87 1.31 0.00	67.76 1.00 0.00	68.76 1.08 0.00	67.28 1.00 0.00
CORNELL_____ 23752	78.95 1.24 0.00	66.42 0.98 0.00	59.97 0.83 0.00	55.21 0.65 0.00	57.13 0.95 0.00	60.37 0.95 0.00	57.64 0.96 0.00	64.44 1.08 0.00	65.79 0.91 0.00	60.57 0.84 0.00	59.71 0.77 0.00	57.10 0.45 0.00	56.07 0.44 0.00	55.67 0.44 0.00	56.12 0.50 0.00	64.35 1.01 0.00	70.29 1.17 0.00	92.29 1.81 0.00	89.48 1.93 0.00	74.09 1.52 0.00	74.02 1.45 0.00	68.10 1.34 0.00	69.03 1.35 0.00	67.54 1.26 0.00

CORONA_69_KV_TB1 355595	83.14 5.44 0.00	69.56 4.12 0.00	63.10 3.96 0.00	57.99 3.44 0.00	59.77 3.60 0.00	63.35 3.92 -0.02	60.25 3.57 0.00	67.92 4.56 0.00	69.74 4.87 0.00	63.92 4.18 0.00	63.25 4.30 0.00	60.38 3.74 0.00	58.96 3.34 0.00	58.65 3.42 0.00	59.68 4.06 0.00	68.72 5.38 0.00	109.15 5.87 -34.16	98.10 7.60 -0.02	94.75 7.18 -0.02	105.78 5.88 -27.33	93.40 6.17 -14.67	96.93 5.41 -24.77	72.62 4.94 0.00	70.52 4.24 0.00
CORTLAND_115KV_TB3 80093	78.33 0.62 0.00	65.90 0.46 0.00	59.49 0.35 0.00	54.83 0.27 0.00	56.68 0.51 0.00	59.89 0.48 0.00	57.13 0.45 0.00	63.81 0.44 0.00	65.27 0.39 0.00	60.09 0.36 0.00	59.24 0.29 0.00	56.76 0.11 0.00	55.73 0.11 0.00	55.34 0.11 0.00	55.73 0.11 0.00	63.85 0.51 0.00	69.60 0.48 0.00	91.39 0.90 0.00	88.52 0.96 0.00	73.29 0.73 0.00	73.29 0.73 0.00	67.43 0.67 0.00	68.36 0.68 0.00	66.94 0.66 0.00
COXSACKIE___GT 23611	85.33 7.62 0.00	71.53 6.09 0.00	64.58 5.44 0.00	59.25 4.69 0.00	61.28 5.11 0.00	64.94 5.53 0.00	61.72 5.04 0.00	68.94 5.58 0.00	71.24 6.36 0.00	64.63 4.90 0.00	63.37 4.42 0.00	60.61 3.96 0.00	59.46 3.83 0.00	59.09 3.86 0.00	59.79 4.17 0.00	68.15 4.81 0.00	75.06 5.94 0.00	98.45 7.96 0.00	95.35 7.79 0.00	79.10 6.53 0.00	78.87 6.31 0.00	72.43 5.67 0.00	73.03 5.35 0.00	71.59 5.30 0.00
CPV_VALLEY___CC1 323721	80.03 2.33 0.00	67.08 1.64 0.00	60.67 1.54 0.00	55.81 1.26 0.00	57.52 1.35 0.00	60.84 1.42 0.00	58.21 1.53 0.00	65.33 1.97 0.00	67.08 2.21 0.00	61.70 1.97 0.00	60.89 1.94 0.00	58.40 1.76 0.00	57.35 1.73 0.00	56.89 1.66 0.00	57.45 1.83 0.00	65.49 2.15 0.00	71.74 2.63 0.00	93.92 3.44 0.00	90.80 3.24 0.00	75.17 2.61 0.00	75.25 2.69 0.00	69.03 2.27 0.00	69.78 2.10 0.00	68.07 1.79 0.00
CPV_VALLEY___CC2 323722	80.03 2.33 0.00	67.08 1.64 0.00	60.67 1.54 0.00	55.81 1.26 0.00	57.52 1.35 0.00	60.84 1.42 0.00	58.21 1.53 0.00	65.33 1.97 0.00	67.08 2.21 0.00	61.70 1.97 0.00	60.89 1.94 0.00	58.40 1.76 0.00	57.35 1.73 0.00	56.89 1.66 0.00	57.45 1.83 0.00	65.49 2.15 0.00	71.74 2.63 0.00	93.92 3.44 0.00	90.80 3.24 0.00	75.17 2.61 0.00	75.25 2.69 0.00	69.03 2.27 0.00	69.78 2.10 0.00	68.07 1.79 0.00
CRESCENT___HYD 24018	81.90 4.19 0.00	68.71 3.27 0.00	62.09 2.96 0.00	57.12 2.56 0.00	58.92 2.75 0.00	62.33 2.91 0.00	59.57 2.89 0.00	66.59 3.23 0.00	68.31 3.44 0.00	62.84 3.10 0.00	61.95 3.00 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.45 2.84 0.00	66.57 3.23 0.00	72.70 3.59 0.00	95.28 4.79 0.00	92.19 4.64 0.00	76.34 3.77 0.00	76.34 3.77 0.00	70.16 3.40 0.00	71.00 3.32 0.00	69.40 3.12 0.00
CRICKET___VALLEY_CC1 323756	81.59 3.88 0.00	68.39 2.95 0.00	61.80 2.66 0.00	56.85 2.29 0.00	58.59 2.41 0.00	62.03 2.61 0.00	59.34 2.66 0.00	66.53 3.17 0.00	68.38 3.50 0.00	62.90 3.16 0.00	62.07 3.12 0.00	59.59 2.94 0.00	58.46 2.84 0.00	58.04 2.82 0.00	58.62 3.00 0.00	66.76 3.42 0.00	73.05 3.94 0.00	95.55 5.06 0.00	92.37 4.81 0.00	76.48 3.92 0.00	76.55 3.99 0.00	70.30 3.54 0.00	71.00 3.32 0.00	69.27 2.99 0.00
CRICKET___VALLEY_CC2 323757	81.59 3.88 0.00	68.39 2.95 0.00	61.80 2.66 0.00	56.85 2.29 0.00	58.59 2.41 0.00	62.03 2.61 0.00	59.34 2.66 0.00	66.53 3.17 0.00	68.38 3.50 0.00	62.90 3.16 0.00	62.07 3.12 0.00	59.59 2.94 0.00	58.46 2.84 0.00	58.04 2.82 0.00	58.62 3.00 0.00	66.76 3.42 0.00	73.05 3.94 0.00	95.55 5.06 0.00	92.37 4.81 0.00	76.48 3.92 0.00	76.55 3.99 0.00	70.30 3.54 0.00	71.00 3.32 0.00	69.27 2.99 0.00
CRICKET___VALLEY_CC3 323758	81.59 3.88 0.00	68.39 2.95 0.00	61.80 2.66 0.00	56.85 2.29 0.00	58.59 2.41 0.00	62.03 2.61 0.00	59.34 2.66 0.00	66.53 3.17 0.00	68.38 3.50 0.00	62.90 3.16 0.00	62.07 3.12 0.00	59.59 2.94 0.00	58.46 2.84 0.00	58.04 2.82 0.00	58.62 3.00 0.00	66.76 3.42 0.00	73.05 3.94 0.00	95.55 5.06 0.00	92.37 4.81 0.00	76.48 3.92 0.00	76.55 3.99 0.00	70.30 3.54 0.00	71.00 3.32 0.00	69.27 2.99 0.00
CRUCIBLE_METL_DRP 24180	76.62 -1.09 0.00	64.52 -0.92 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.44 -0.73 0.00	58.64 -0.77 0.00	55.94 -0.74 0.00	62.54 -0.82 0.00	63.97 -0.91 0.00	58.90 -0.84 0.00	58.12 -0.83 0.00	55.68 -0.96 0.00	54.67 -0.95 0.00	54.29 -0.94 0.00	54.73 -0.89 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.58 -0.90 0.00	86.86 -0.70 0.00	71.91 -0.65 0.00	71.84 -0.73 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00
DAHOWA___HYDRO 323763	83.06 5.36 0.00	69.56 4.13 0.00	62.93 3.79 0.00	57.77 3.22 0.00	59.66 3.48 0.00	63.22 3.81 0.00	60.36 3.68 0.00	67.36 3.99 0.00	69.16 4.28 0.00	63.50 3.77 0.00	62.48 3.54 0.00	59.93 3.28 0.00	58.68 3.06 0.00	58.27 3.04 0.00	58.84 3.22 0.00	67.40 4.06 0.00	73.74 4.63 0.00	96.91 6.43 0.00	93.94 6.39 0.00	77.57 5.00 0.00	77.57 5.00 0.00	71.17 4.41 0.00	72.08 4.40 0.00	70.39 4.11 0.00
DANC___LFGE 323619	77.00 -0.70 0.00	65.05 -0.39 0.00	58.73 -0.41 0.00	54.12 -0.44 0.00	55.84 -0.34 0.00	59.00 -0.41 0.00	56.17 -0.51 0.00	63.17 -0.19 0.00	64.49 -0.39 0.00	59.44 -0.30 0.00	58.65 -0.29 0.00	56.08 -0.57 0.00	55.06 -0.56 0.00	54.68 -0.55 0.00	55.06 -0.56 0.00	63.15 -0.19 0.00	69.04 -0.07 0.00	90.30 -0.18 0.00	87.56 0.00 0.00	72.56 0.00 0.00	72.56 0.00 0.00	66.69 -0.07 0.00	67.75 0.07 0.00	66.21 -0.07 0.00
DANSKAMMER___1 23586	82.45 4.74 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.34 2.78 0.00	59.15 2.98 0.00	62.56 3.15 0.00	59.85 3.17 0.00	67.16 3.80 0.00	69.09 4.21 0.00	63.44 3.70 0.00	62.48 3.54 0.00	59.93 3.28 0.00	58.73 3.11 0.00	58.32 3.09 0.00	59.01 3.39 0.00	67.33 3.99 0.00	73.95 4.84 0.00	96.82 6.33 0.00	93.51 5.96 0.00	77.43 4.86 0.00	77.50 4.94 0.00	71.10 4.34 0.00	71.74 4.06 0.00	69.99 3.71 0.00
DANSKAMMER___2 23589	82.45 4.74 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.34 2.78 0.00	59.15 2.98 0.00	62.56 3.15 0.00	59.85 3.17 0.00	67.16 3.80 0.00	69.09 4.21 0.00	63.44 3.70 0.00	62.48 3.54 0.00	59.93 3.28 0.00	58.73 3.11 0.00	58.32 3.09 0.00	59.01 3.39 0.00	67.33 3.99 0.00	73.95 4.84 0.00	96.82 6.33 0.00	93.51 5.96 0.00	77.43 4.86 0.00	77.50 4.94 0.00	71.10 4.34 0.00	71.74 4.06 0.00	69.99 3.71 0.00
DANSKAMMER___3 23590	82.45 4.74 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.34 2.78 0.00	59.15 2.98 0.00	62.56 3.15 0.00	59.85 3.17 0.00	67.16 3.80 0.00	69.09 4.21 0.00	63.44 3.70 0.00	62.48 3.54 0.00	59.93 3.28 0.00	58.73 3.11 0.00	58.32 3.09 0.00	59.01 3.39 0.00	67.33 3.99 0.00	73.95 4.84 0.00	96.82 6.33 0.00	93.51 5.96 0.00	77.43 4.86 0.00	77.50 4.94 0.00	71.10 4.34 0.00	71.74 4.06 0.00	69.99 3.71 0.00

DANSKAMMER___4 23591	82.45 4.74 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.34 2.78 0.00	59.15 2.98 0.00	62.56 3.15 0.00	59.85 3.17 0.00	67.16 3.80 0.00	69.09 4.21 0.00	63.44 3.70 0.00	62.48 3.54 0.00	59.93 3.28 0.00	58.73 3.11 0.00	58.32 3.09 0.00	59.01 3.39 0.00	67.33 3.99 0.00	73.95 4.84 0.00	96.82 6.33 0.00	93.51 5.96 0.00	77.43 4.86 0.00	77.50 4.94 0.00	71.10 4.34 0.00	71.74 4.06 0.00	69.99 3.71 0.00
DANSKAMMER___DIESEL 23592	82.45 4.74 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.34 2.78 0.00	59.15 2.98 0.00	62.57 3.15 0.00	59.85 3.17 0.00	67.10 3.74 0.00	69.09 4.22 0.00	63.44 3.70 0.00	62.48 3.54 0.00	59.93 3.29 0.00	58.68 3.06 0.00	58.27 3.04 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.95 4.84 0.00	96.82 6.33 0.00	93.51 5.95 0.00	77.43 4.86 0.00	77.50 4.93 0.00	71.10 4.34 0.00	71.61 3.93 0.00	69.93 3.65 0.00
DARBY___SOLAR 323810	82.68 4.98 0.00	69.30 3.86 0.00	62.69 3.55 0.00	57.55 3.00 0.00	59.43 3.26 0.00	62.98 3.56 0.00	60.13 3.46 0.00	67.10 3.74 0.00	68.90 4.02 0.00	63.26 3.52 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.36 0.00	96.45 5.97 0.00	93.42 5.87 0.00	77.21 4.65 0.00	77.21 4.65 0.00	70.90 4.14 0.00	71.81 4.13 0.00	70.12 3.84 0.00
DASHVILLE___HYD 23610	83.22 5.52 0.00	69.69 4.25 0.00	62.92 3.78 0.00	57.77 3.22 0.00	59.66 3.48 0.00	63.16 3.74 0.00	60.30 3.63 0.00	67.61 4.25 0.00	69.81 4.93 0.00	63.92 4.18 0.00	62.90 3.95 0.00	60.21 3.57 0.00	58.96 3.34 0.00	58.54 3.31 0.00	59.23 3.62 0.00	67.90 4.56 0.00	74.71 5.60 0.00	97.72 7.24 0.00	94.39 6.83 0.00	78.15 5.59 0.00	78.22 5.66 0.00	71.77 5.01 0.00	72.21 4.53 0.00	70.52 4.24 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	86.10 8.39 0.00	71.92 6.48 0.00	65.35 6.21 0.00	59.96 5.40 0.00	61.79 5.62 0.00	65.72 6.30 -0.01	61.95 5.27 0.00	70.33 6.97 0.00	72.08 7.20 0.00	65.65 5.91 0.00	65.49 6.54 0.00	62.25 5.61 0.00	60.74 5.12 0.00	60.70 5.47 0.00	62.13 6.51 -0.01	71.90 8.55 0.00	99.19 9.54 -20.54	103.27 12.76 -0.03	99.57 12.00 -0.02	98.72 9.72 -16.43	91.11 9.72 -8.82	90.60 8.95 -14.89	76.08 8.39 -0.01	73.84 7.56 0.00
DELAWARE___LFGE 323621	80.19 2.49 0.00	67.40 1.96 0.00	60.91 1.77 0.00	56.08 1.53 0.00	57.86 1.69 0.00	61.20 1.78 0.00	58.43 1.76 0.00	65.45 2.09 0.00	67.02 2.14 0.00	61.65 1.91 0.00	60.83 1.89 0.00	58.46 1.81 0.00	57.34 1.72 0.00	56.89 1.66 0.00	57.29 1.67 0.00	65.43 2.09 0.00	71.53 2.42 0.00	93.83 3.35 0.00	90.88 3.33 0.00	75.25 2.68 0.00	75.25 2.68 0.00	69.10 2.34 0.00	69.98 2.30 0.00	68.40 2.12 0.00
DERFIELD_115KV_TB7 355931	78.25 0.54 0.00	65.83 0.39 0.00	59.49 0.35 0.00	54.83 0.27 0.00	56.51 0.34 0.00	59.77 0.36 0.00	57.02 0.34 0.00	63.81 0.44 0.00	65.33 0.45 0.00	60.15 0.42 0.00	59.36 0.41 0.00	56.99 0.34 0.00	55.95 0.33 0.00	55.56 0.33 0.00	55.95 0.33 0.00	63.72 0.38 0.00	69.60 0.48 0.00	91.21 0.72 0.00	88.26 0.70 0.00	73.07 0.51 0.00	73.07 0.51 0.00	67.16 0.40 0.00	68.15 0.47 0.00	66.68 0.40 0.00
DOGLEVILLE___HYD 23807	82.21 4.51 0.00	69.17 3.73 0.00	62.51 3.37 0.00	57.61 3.05 0.00	59.37 3.20 0.00	62.80 3.38 0.00	59.85 3.17 0.00	66.97 3.61 0.00	68.51 3.63 0.00	63.08 3.34 0.00	62.25 3.30 0.00	59.76 3.11 0.00	58.68 3.06 0.00	58.21 2.98 0.00	58.62 3.00 0.00	66.82 3.48 0.00	72.91 3.80 0.00	95.55 5.06 0.00	92.54 4.99 0.00	76.70 4.13 0.00	76.77 4.21 0.00	70.50 3.74 0.00	71.40 3.72 0.00	69.92 3.64 0.00
DUNKIRK___115KV_TB_200 55889	76.00 -1.71 0.00	64.33 -1.11 0.00	58.25 -0.89 0.00	53.74 -0.82 0.00	55.78 -0.39 0.00	58.58 -0.83 0.00	55.60 -1.08 0.00	60.19 -3.17 0.00	61.37 -3.50 0.00	56.63 -3.11 0.00	56.12 -2.83 0.00	53.47 -3.17 0.00	52.56 -3.06 0.00	52.52 -2.71 0.00	52.73 -2.89 0.00	60.36 -2.98 0.00	64.83 -4.29 0.00	85.51 -4.98 0.00	83.27 -4.29 0.00	69.15 -3.41 0.00	69.23 -3.34 0.00	64.09 -2.67 0.00	66.46 -1.22 0.00	65.68 -0.60 0.00
DUNKIRK___1 23563	76.00 -1.71 0.00	64.33 -1.11 0.00	58.25 -0.89 0.00	53.74 -0.82 0.00	55.78 -0.39 0.00	58.58 -0.83 0.00	55.60 -1.08 0.00	60.19 -3.17 0.00	61.37 -3.50 0.00	56.63 -3.11 0.00	56.12 -2.83 0.00	53.47 -3.17 0.00	52.56 -3.06 0.00	52.52 -2.71 0.00	52.73 -2.89 0.00	60.36 -2.98 0.00	64.83 -4.29 0.00	85.51 -4.98 0.00	83.27 -4.29 0.00	69.15 -3.41 0.00	69.23 -3.34 0.00	64.09 -2.67 0.00	66.46 -1.22 0.00	65.68 -0.60 0.00
DUNKIRK___2 23564	76.00 -1.71 0.00	64.33 -1.11 0.00	58.25 -0.89 0.00	53.74 -0.82 0.00	55.78 -0.39 0.00	58.58 -0.83 0.00	55.60 -1.08 0.00	60.19 -3.17 0.00	61.37 -3.50 0.00	56.63 -3.11 0.00	56.12 -2.83 0.00	53.47 -3.17 0.00	52.56 -3.06 0.00	52.52 -2.71 0.00	52.73 -2.89 0.00	60.36 -2.98 0.00	64.83 -4.29 0.00	85.51 -4.98 0.00	83.27 -4.29 0.00	69.15 -3.41 0.00	69.23 -3.34 0.00	64.09 -2.67 0.00	66.46 -1.22 0.00	65.68 -0.60 0.00
DUNKIRK___3 23565	75.53 -2.18 0.00	63.93 -1.51 0.00	57.90 -1.24 0.00	53.41 -1.15 0.00	55.44 -0.73 0.00	58.23 -1.19 0.00	55.26 -1.42 0.00	59.81 -3.55 0.00	60.98 -3.89 0.00	56.27 -3.46 0.00	55.76 -3.18 0.00	53.13 -3.51 0.00	52.23 -3.39 0.00	52.19 -3.04 0.00	52.39 -3.23 0.00	59.98 -3.36 0.00	64.41 -4.70 0.00	85.05 -5.43 0.00	82.74 -4.82 0.00	68.72 -3.85 0.00	68.79 -3.77 0.00	63.69 -3.07 0.00	66.06 -1.62 0.00	65.29 -0.99 0.00
DUNKIRK___4 23566	75.53 -2.18 0.00	63.93 -1.51 0.00	57.90 -1.24 0.00	53.41 -1.15 0.00	55.44 -0.73 0.00	58.23 -1.19 0.00	55.26 -1.42 0.00	59.81 -3.55 0.00	60.98 -3.89 0.00	56.27 -3.46 0.00	55.76 -3.18 0.00	53.13 -3.51 0.00	52.23 -3.39 0.00	52.19 -3.04 0.00	52.39 -3.23 0.00	59.98 -3.36 0.00	64.41 -4.70 0.00	85.05 -5.43 0.00	82.74 -4.82 0.00	68.72 -3.85 0.00	68.79 -3.77 0.00	63.69 -3.07 0.00	66.06 -1.62 0.00	65.29 -0.99 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	81.67 3.96 0.00	68.38 2.94 0.00	61.86 2.72 0.00	56.90 2.35 0.00	58.59 2.42 0.00	62.03 2.61 0.00	59.45 2.78 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.73 3.11 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.85 4.28 0.00	76.99 4.43 0.00	70.57 3.81 0.00	71.06 3.38 0.00	69.33 3.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	81.51 3.81 0.00	68.32 2.88 0.00	61.74 2.60 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.91 2.50 0.00	59.23 2.55 0.00	66.40 3.04 0.00	68.38 3.50 0.00	62.84 3.11 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.12 2.50 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.76 3.42 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.55 4.99 0.00	76.63 4.06 0.00	76.63 4.06 0.00	70.37 3.61 0.00	70.86 3.18 0.00	69.20 2.92 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	80.74 3.03 0.00	67.53 2.09 0.00	61.09 1.95 0.00	56.19 1.64 0.00	57.80 1.63 0.00	61.13 1.72 0.01	58.77 2.10 0.00	66.02 2.66 0.00	67.86 2.98 0.00	62.66 2.93 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.29 2.67 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.05 3.48 0.00	76.27 3.70 0.00	69.83 3.07 0.00	70.18 2.50 0.00	68.67 2.39 0.00
E179THST_13_KV_LOAD 356214	81.12 3.42 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.41 1.85 0.00	58.03 1.85 0.00	61.37 1.96 0.01	59.06 2.38 0.00	66.28 2.91 0.00	68.19 3.31 0.00	62.90 3.17 0.00	62.13 3.18 0.00	59.65 3.00 0.00	58.46 2.84 0.00	57.99 2.76 0.00	58.57 2.95 0.00	67.01 3.67 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.41 3.85 0.00	76.63 4.06 0.00	70.17 3.40 0.00	70.52 2.84 0.00	69.00 2.72 0.00
EAST HAMPTON___GT 23717	85.71 8.01 0.00	71.59 6.15 0.00	65.05 5.91 0.00	59.63 5.07 0.00	61.45 5.28 0.00	65.42 6.00 -0.01	61.67 4.99 0.00	70.14 6.78 0.00	71.82 6.95 0.00	65.41 5.68 0.00	65.49 6.54 0.00	62.14 5.49 0.00	60.91 5.29 0.00	60.97 5.74 0.00	62.40 6.78 0.00	71.96 8.61 -0.01	99.40 9.75 -20.54	103.55 13.03 -0.03	99.92 12.35 -0.02	98.86 9.87 -16.43	91.18 9.79 -8.82	90.73 9.08 -14.89	76.21 8.53 -0.01	74.36 8.08 0.00
EAST RIVER___6 23660	81.51 3.81 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.78 3.42 0.00	68.64 3.76 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.11 0.00	58.62 3.00 0.00	58.15 2.93 0.00	58.84 3.22 0.00	67.14 3.80 0.00	73.54 4.43 0.00	96.10 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.99 4.43 0.00	70.50 3.74 0.00	71.20 3.52 0.00	69.33 3.05 0.00
EAST RIVER___7 23524	81.51 3.81 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.78 3.42 0.00	68.64 3.76 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.11 0.00	58.62 3.00 0.00	58.15 2.93 0.00	58.84 3.22 0.00	67.14 3.80 0.00	73.54 4.43 0.00	96.10 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.99 4.43 0.00	70.50 3.74 0.00	71.20 3.52 0.00	69.33 3.05 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	81.51 3.81 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.91 2.50 0.00	59.28 2.61 0.00	66.53 3.17 0.00	68.45 3.57 0.00	63.02 3.29 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.26 4.15 0.00	95.91 5.43 0.00	92.63 5.08 0.00	76.70 4.14 0.00	76.77 4.21 0.00	70.37 3.61 0.00	70.86 3.18 0.00	69.20 2.92 0.00
EAST_HAMPTON___DIESEL 23722	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.34 5.16 0.00	65.37 5.94 -0.01	61.55 4.87 0.00	70.01 6.65 0.00	71.75 6.87 0.00	65.35 5.61 0.00	65.43 6.48 0.00	62.08 5.44 0.00	60.85 5.23 0.00	60.92 5.69 0.00	62.35 6.73 0.00	71.96 8.61 -0.01	99.32 9.68 -20.54	103.45 12.94 -0.03	99.83 12.26 -0.02	98.79 9.79 -16.43	91.11 9.73 -8.82	90.66 9.01 -14.89	76.21 8.53 -0.01	74.30 8.02 0.00
EAST_POINT___SOLAR 323840	83.69 5.98 0.00	69.95 4.51 0.00	63.34 4.20 0.00	57.99 3.44 0.00	60.05 3.87 0.00	63.64 4.22 0.00	60.70 4.02 0.00	67.67 4.31 0.00	69.09 4.21 0.00	62.84 3.10 0.00	61.48 2.53 0.00	57.89 1.24 0.00	56.51 0.89 0.00	56.28 1.05 0.00	57.01 1.39 0.00	67.14 3.80 0.00	74.36 5.25 0.00	98.17 7.69 0.00	95.52 7.97 0.00	78.66 6.10 0.00	78.81 6.24 0.00	72.10 5.34 0.00	72.96 5.28 0.00	71.19 4.90 0.00
EAST_PULASKI___ESR 323781	76.00 -1.71 0.00	64.19 -1.25 0.00	58.01 -1.13 0.00	53.46 -1.09 0.00	55.16 -1.01 0.00	58.29 -1.13 0.00	55.54 -1.13 0.00	62.22 -1.14 0.00	63.64 -1.23 0.00	58.66 -1.07 0.00	57.95 -1.00 0.00	55.45 -1.19 0.00	54.45 -1.17 0.00	54.07 -1.16 0.00	54.51 -1.11 0.00	62.32 -1.02 0.00	68.08 -1.03 0.00	89.03 -1.45 0.00	86.33 -1.23 0.00	71.48 -1.09 0.00	71.48 -1.09 0.00	65.83 -0.93 0.00	66.80 -0.88 0.00	65.35 -0.93 0.00
EAST_RIVER___1 323558	81.51 3.81 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.78 3.42 0.00	68.57 3.70 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.70 3.06 0.00	58.57 2.95 0.00	58.15 2.93 0.00	58.84 3.22 0.00	67.08 3.74 0.00	73.47 4.36 0.00	96.10 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	71.20 3.52 0.00	69.33 3.05 0.00
EAST_RIVER___2 323559	81.51 3.81 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.78 3.42 0.00	68.64 3.76 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.11 0.00	58.62 3.00 0.00	58.15 2.93 0.00	58.84 3.22 0.00	67.14 3.80 0.00	73.54 4.43 0.00	96.10 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.99 4.43 0.00	70.50 3.74 0.00	71.20 3.52 0.00	69.33 3.05 0.00
EAST___DELAWARE_HYD 23607	82.45 4.74 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.28 2.73 0.00	59.15 2.98 0.00	62.56 3.15 0.00	59.74 3.06 0.00	67.04 3.67 0.00	69.09 4.21 0.00	63.26 3.52 0.00	62.25 3.30 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.88 4.77 0.00	96.72 6.24 0.00	93.42 5.87 0.00	77.43 4.86 0.00	77.43 4.86 0.00	71.04 4.28 0.00	71.67 3.99 0.00	69.99 3.71 0.00
EIGHT_POINT___WT_PWR 323820	78.48 0.78 0.00	66.23 0.79 0.00	59.85 0.71 0.00	55.10 0.55 0.00	57.24 1.06 0.00	60.25 0.83 0.00	57.36 0.68 0.00	63.11 -0.25 0.00	64.23 -0.65 0.00	59.14 -0.60 0.00	58.36 -0.59 0.00	55.68 -0.96 0.00	54.62 -1.00 0.00	54.29 -0.94 0.00	54.67 -0.95 0.00	62.96 -0.38 0.00	68.29 -0.83 0.00	90.03 -0.45 0.00	87.56 0.00 0.00	72.71 0.15 0.00	72.56 0.00 0.00	67.16 0.40 0.00	68.63 0.95 0.00	67.54 1.26 0.00
ELBRIDGE_115KV_TB2 80188	76.23 -1.48 0.00	64.20 -1.24 0.00	57.96 -1.18 0.00	53.41 -1.15 0.00	55.16 -1.01 0.00	58.29 -1.13 0.00	55.66 -1.02 0.00	62.16 -1.20 0.00	63.58 -1.30 0.00	58.54 -1.19 0.00	57.71 -1.24 0.00	55.34 -1.30 0.00	54.34 -1.28 0.00	53.96 -1.27 0.00	54.40 -1.22 0.00	62.20 -1.14 0.00	67.80 -1.31 0.00	89.04 -1.45 0.00	86.24 -1.31 0.00	71.40 -1.16 0.00	71.40 -1.16 0.00	65.69 -1.07 0.00	66.60 -1.08 0.00	65.15 -1.13 0.00
ELEC_TRO_TEK 24086	82.68 4.97 0.00	69.17 3.73 0.00	62.75 3.61 0.00	57.67 3.11 0.00	59.43 3.26 0.00	63.00 3.56 -0.02	59.91 3.23 0.00	67.54 4.18 0.00	69.35 4.48 0.00	63.62 3.88 0.00	62.96 4.01 0.00	60.10 3.46 0.00	58.68 3.06 0.00	58.43 3.20 0.00	59.40 3.78 0.00	68.28 4.94 0.00	108.44 5.39 -33.93	97.47 6.97 -0.02	94.23 6.65 -0.02	105.08 5.37 -27.15	92.72 5.59 -14.57	96.30 4.94 -24.60	72.22 4.53 0.00	70.13 3.84 0.00

ELLENBURG_WT_PWR 323604	78.25 0.55 0.00	66.55 1.11 0.00	60.08 0.94 0.00	55.70 1.15 0.00	57.13 0.95 0.00	60.43 1.01 0.00	57.19 0.51 0.00	63.74 0.38 0.00	65.01 0.13 0.00	60.27 0.54 0.00	59.48 0.53 0.00	57.33 0.68 0.00	56.29 0.67 0.00	55.84 0.61 0.00	56.18 0.56 0.00	63.79 0.45 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	86.95 -0.61 0.00	72.35 -0.22 0.00	72.35 -0.22 0.00	66.83 0.07 0.00	67.82 0.14 0.00	67.08 0.80 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	74.21 -3.50 0.00	62.95 -2.49 0.00	56.95 -2.19 0.00	52.54 -2.02 0.00	54.54 -1.63 0.00	57.34 -2.08 0.00	54.30 -2.38 0.00	58.67 -4.69 0.00	59.82 -5.06 0.00	55.19 -4.54 0.00	54.70 -4.24 0.00	52.17 -4.48 0.00	51.28 -4.34 0.00	51.20 -4.03 0.00	51.39 -4.23 0.00	58.84 -4.50 0.00	63.10 -6.01 0.00	83.43 -7.06 0.00	81.25 -6.30 0.00	67.41 -5.15 0.00	67.49 -5.08 0.00	62.56 -4.21 0.00	64.91 -2.77 0.00	64.23 -2.05 0.00
EMPIRE_CC_1 323656	81.12 3.42 0.00	68.12 2.68 0.00	61.56 2.43 0.00	56.63 2.07 0.00	58.42 2.25 0.00	61.80 2.38 0.00	59.06 2.38 0.00	66.08 2.72 0.00	67.80 2.92 0.00	62.36 2.63 0.00	61.54 2.59 0.00	59.14 2.49 0.00	58.06 2.44 0.00	57.66 2.43 0.00	58.12 2.51 0.00	66.06 2.72 0.00	71.74 2.63 0.00	93.65 3.17 0.00	90.62 3.06 0.00	75.32 2.76 0.00	75.03 2.47 0.00	69.23 2.47 0.00	69.98 2.30 0.00	68.40 2.12 0.00
EMPIRE_CC_2 323658	81.12 3.42 0.00	68.12 2.68 0.00	61.56 2.43 0.00	56.63 2.07 0.00	58.42 2.25 0.00	61.80 2.38 0.00	59.06 2.38 0.00	66.08 2.72 0.00	67.80 2.92 0.00	62.36 2.63 0.00	61.54 2.59 0.00	59.14 2.49 0.00	58.06 2.44 0.00	57.66 2.43 0.00	58.12 2.51 0.00	66.06 2.72 0.00	71.74 2.63 0.00	93.65 3.17 0.00	90.62 3.06 0.00	75.32 2.76 0.00	75.03 2.47 0.00	69.23 2.47 0.00	69.98 2.30 0.00	68.40 2.12 0.00
ENORWICH_115KV_TB1 80156	85.40 7.69 0.00	71.92 6.48 0.00	64.99 5.85 0.00	59.79 5.24 0.00	62.02 5.84 0.00	65.42 6.00 0.00	62.34 5.67 0.00	70.14 6.78 0.00	71.24 6.36 0.00	65.41 5.67 0.00	64.25 5.31 0.00	61.06 4.42 0.00	59.85 4.23 0.00	59.37 4.14 0.00	59.79 4.17 0.00	69.10 5.76 0.00	76.02 6.91 0.00	100.17 9.68 0.00	97.54 9.98 0.00	80.69 8.13 0.00	80.55 7.98 0.00	73.77 7.01 0.00	74.85 7.17 0.00	73.04 6.76 0.00
ERIE_ST__34_KV_TB1-2 80199	75.69 -2.02 0.00	64.07 -1.37 0.00	57.96 -1.18 0.00	53.46 -1.09 0.00	55.50 -0.67 0.00	58.35 -1.07 0.00	55.43 -1.25 0.00	60.00 -3.36 0.00	61.11 -3.76 0.00	56.45 -3.29 0.00	55.88 -3.07 0.00	53.30 -3.34 0.00	52.39 -3.23 0.00	52.30 -2.93 0.00	52.50 -3.11 0.00	60.11 -3.23 0.00	64.69 -4.42 0.00	85.33 -5.16 0.00	83.09 -4.47 0.00	69.01 -3.56 0.00	69.01 -3.56 0.00	63.89 -2.87 0.00	66.19 -1.49 0.00	65.49 -0.80 0.00
ERIE_WT_PWR 323693	74.83 -2.87 0.00	63.41 -2.03 0.00	57.42 -1.72 0.00	52.97 -1.58 0.00	54.94 -1.24 0.00	57.75 -1.66 0.00	54.81 -1.87 0.00	59.24 -4.12 0.00	60.40 -4.48 0.00	55.73 -4.00 0.00	55.17 -3.77 0.00	52.63 -4.02 0.00	51.73 -3.89 0.00	51.64 -3.59 0.00	51.89 -3.73 0.00	59.35 -3.99 0.00	63.72 -5.39 0.00	84.24 -6.24 0.00	81.95 -5.61 0.00	68.07 -4.50 0.00	68.14 -4.43 0.00	63.09 -3.67 0.00	65.38 -2.30 0.00	64.76 -1.52 0.00
ESPRGFLD_115KV_TB1 80157	80.58 2.88 0.00	67.53 2.09 0.00	61.09 1.95 0.00	56.14 1.58 0.00	58.03 1.85 0.00	61.44 2.02 0.00	58.66 1.98 0.00	65.64 2.28 0.00	67.21 2.34 0.00	61.65 1.91 0.00	60.72 1.77 0.00	58.01 1.36 0.00	56.73 1.11 0.00	56.33 1.10 0.00	56.90 1.28 0.00	65.62 2.28 0.00	72.08 2.97 0.00	94.83 4.34 0.00	92.02 4.47 0.00	75.90 3.34 0.00	76.05 3.48 0.00	69.63 2.87 0.00	70.52 2.84 0.00	68.87 2.58 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	78.79 1.09 0.00	66.36 0.92 0.00	59.91 0.77 0.00	55.16 0.60 0.00	57.02 0.84 0.00	60.31 0.89 0.00	57.53 0.85 0.00	64.31 0.95 0.00	65.72 0.84 0.00	60.51 0.78 0.00	59.60 0.65 0.00	57.04 0.40 0.00	55.95 0.33 0.00	55.56 0.33 0.00	56.01 0.39 0.00	64.29 0.95 0.00	70.15 1.04 0.00	92.11 1.63 0.00	89.31 1.75 0.00	73.94 1.38 0.00	73.94 1.38 0.00	68.03 1.27 0.00	68.97 1.29 0.00	67.41 1.13 0.00
ETNA____115KV_TB2 80207	78.79 1.09 0.00	66.36 0.92 0.00	59.91 0.77 0.00	55.16 0.60 0.00	57.02 0.84 0.00	60.31 0.89 0.00	57.53 0.85 0.00	64.31 0.95 0.00	65.72 0.84 0.00	60.51 0.78 0.00	59.60 0.65 0.00	57.04 0.40 0.00	55.95 0.33 0.00	55.56 0.33 0.00	56.01 0.39 0.00	64.29 0.95 0.00	70.15 1.04 0.00	92.11 1.63 0.00	89.31 1.75 0.00	73.94 1.38 0.00	73.94 1.38 0.00	68.03 1.27 0.00	68.97 1.29 0.00	67.41 1.13 0.00
EUCLID____115KV_TB2 356179	75.84 -1.86 0.00	63.87 -1.57 0.00	57.66 -1.48 0.00	53.14 -1.42 0.00	54.88 -1.29 0.00	57.99 -1.43 0.00	55.32 -1.36 0.00	61.78 -1.58 0.00	63.19 -1.69 0.00	58.18 -1.55 0.00	57.42 -1.53 0.00	55.06 -1.59 0.00	54.06 -1.56 0.00	53.68 -1.55 0.00	54.12 -1.50 0.00	61.88 -1.46 0.00	67.45 -1.66 0.00	88.49 -1.99 0.00	85.72 -1.84 0.00	70.97 -1.60 0.00	70.97 -1.60 0.00	65.29 -1.47 0.00	66.26 -1.42 0.00	64.82 -1.46 0.00
E_CANADA_CAP_HY 24051	81.74 4.04 0.00	68.45 3.01 0.00	61.92 2.78 0.00	56.74 2.18 0.00	58.70 2.53 0.00	62.21 2.79 0.00	59.40 2.72 0.00	66.28 2.92 0.00	67.93 3.05 0.00	62.06 2.33 0.00	60.95 2.01 0.00	58.06 1.42 0.00	56.73 1.11 0.00	56.33 1.10 0.00	57.01 1.39 0.00	66.12 2.78 0.00	72.84 3.73 0.00	95.91 5.43 0.00	93.16 5.61 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.27 3.58 0.00	69.59 3.31 0.00
E_CANADA_MHWK_HY 24050	82.21 4.51 0.00	69.17 3.73 0.00	62.51 3.37 0.00	57.61 3.05 0.00	59.37 3.20 0.00	62.80 3.38 0.00	59.85 3.17 0.00	66.97 3.61 0.00	68.51 3.63 0.00	63.08 3.34 0.00	62.25 3.30 0.00	59.76 3.11 0.00	58.68 3.06 0.00	58.21 2.98 0.00	58.62 3.00 0.00	66.82 3.48 0.00	72.91 3.80 0.00	95.55 5.06 0.00	92.54 4.99 0.00	76.70 4.13 0.00	76.77 4.21 0.00	70.50 3.74 0.00	71.40 3.72 0.00	69.92 3.64 0.00
E_FISHKILL____LBMP 23776	81.28 3.57 0.00	68.12 2.68 0.00	61.62 2.48 0.00	56.68 2.13 0.00	58.36 2.19 0.00	61.79 2.38 0.00	59.17 2.49 0.00	66.34 2.98 0.00	68.25 3.37 0.00	62.78 3.05 0.00	61.90 2.95 0.00	59.42 2.78 0.00	58.23 2.61 0.00	57.77 2.54 0.00	58.40 2.78 0.00	66.70 3.36 0.00	72.98 3.87 0.00	95.46 4.98 0.00	92.28 4.73 0.00	76.41 3.85 0.00	76.48 3.92 0.00	70.17 3.40 0.00	70.66 2.98 0.00	69.00 2.72 0.00
FALCON____SEABRD_CC1 323796	79.26 1.55 0.00	67.53 2.09 0.00	60.97 1.84 0.00	56.52 1.96 0.00	57.97 1.80 0.00	61.32 1.90 0.00	57.75 1.07 0.00	64.00 0.63 0.00	65.20 0.33 0.00	60.81 1.08 0.00	60.01 1.06 0.00	57.78 1.13 0.00	56.73 1.11 0.00	56.28 1.05 0.00	56.62 1.00 0.00	64.10 0.76 0.00	69.39 0.28 0.00	90.21 -0.27 0.00	87.03 -0.52 0.00	72.49 -0.07 0.00	72.49 -0.07 0.00	67.03 0.27 0.00	67.95 0.27 0.00	67.68 1.39 0.00

FALCON___SEABRD_CC2 323797	79.26 1.55 0.00	67.53 2.09 0.00	60.97 1.84 0.00	56.52 1.96 0.00	57.97 1.80 0.00	61.32 1.90 0.00	57.75 1.07 0.00	64.00 0.63 0.00	65.20 0.33 0.00	60.81 1.08 0.00	60.01 1.06 0.00	57.78 1.13 0.00	56.73 1.11 0.00	56.28 1.05 0.00	56.62 1.00 0.00	64.10 0.76 0.00	69.39 0.28 0.00	90.21 -0.27 0.00	87.03 -0.52 0.00	72.49 -0.07 0.00	72.49 -0.07 0.00	67.03 0.27 0.00	67.95 0.27 0.00	67.68 1.39 0.00
FAR ROCKAWAY___4 23548	83.84 6.14 0.00	70.15 4.71 0.00	63.63 4.49 0.00	58.48 3.93 0.00	60.27 4.10 0.00	63.89 4.46 -0.01	60.70 4.02 0.00	68.49 5.13 0.00	70.26 5.38 0.00	64.39 4.66 0.00	63.78 4.83 0.00	60.78 4.14 0.00	59.35 3.73 0.00	59.04 3.81 0.00	60.12 4.51 0.00	69.23 5.89 0.00	106.47 6.50 -30.86	99.01 8.51 -0.02	95.63 8.06 -0.02	103.86 6.60 -24.69	92.64 6.82 -13.25	95.14 6.01 -22.37	73.23 5.55 0.00	71.12 4.84 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	81.51 3.81 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.91 2.50 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.64 3.76 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.73 3.11 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	81.59 3.89 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.53 2.36 0.00	61.91 2.50 0.00	59.45 2.78 0.00	66.72 3.36 0.00	68.64 3.76 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.57 2.95 0.00	58.10 2.87 0.00	58.73 3.11 0.00	67.20 3.86 0.00	73.47 4.35 0.00	96.18 5.70 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	81.51 3.81 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.66 3.29 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.40 4.29 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00
FARRAGUT___LBMP 323566	81.44 3.73 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.79 2.38 0.00	59.34 2.66 0.00	66.66 3.29 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.46 2.84 0.00	57.99 2.76 0.00	58.62 3.00 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00
FENNER___WINDPWR 24204	79.34 1.63 0.00	66.75 1.31 0.00	60.32 1.18 0.00	55.54 0.98 0.00	57.35 1.18 0.00	60.67 1.25 0.00	57.87 1.19 0.00	64.88 1.52 0.00	66.30 1.43 0.00	61.05 1.31 0.00	60.19 1.24 0.00	57.61 0.96 0.00	56.51 0.89 0.00	56.11 0.88 0.00	56.56 0.94 0.00	64.67 1.33 0.00	70.57 1.45 0.00	92.39 1.90 0.00	89.57 2.02 0.00	74.16 1.59 0.00	74.16 1.59 0.00	68.17 1.40 0.00	69.10 1.42 0.00	67.87 1.59 0.00
FIBERTEK___ENERGY 23856	76.62 -1.09 0.00	64.52 -0.92 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.44 -0.73 0.00	58.64 -0.77 0.00	55.94 -0.74 0.00	62.54 -0.82 0.00	63.97 -0.91 0.00	58.90 -0.84 0.00	58.12 -0.83 0.00	55.68 -0.96 0.00	54.67 -0.95 0.00	54.29 -0.94 0.00	54.73 -0.89 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.58 -0.90 0.00	86.86 -0.70 0.00	71.91 -0.65 0.00	71.84 -0.73 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00
FITZPATRICK____ 23598	74.75 -2.95 0.00	62.95 -2.49 0.00	56.89 -2.25 0.00	52.43 -2.13 0.00	54.10 -2.08 0.00	57.22 -2.20 0.00	54.58 -2.10 0.00	60.95 -2.41 0.00	62.35 -2.53 0.00	57.40 -2.33 0.00	56.65 -2.30 0.00	54.32 -2.32 0.00	53.34 -2.28 0.00	53.02 -2.21 0.00	53.39 -2.23 0.00	60.93 -2.41 0.00	66.42 -2.70 0.00	87.14 -3.35 0.00	84.41 -3.15 0.00	69.88 -2.68 0.00	69.88 -2.68 0.00	64.29 -2.47 0.00	65.25 -2.43 0.00	63.90 -2.38 0.00
FLOWRFLD_69_KV_BK1 356044	85.09 7.38 0.00	71.07 5.63 0.00	64.52 5.38 0.00	59.25 4.69 0.00	61.06 4.89 0.00	64.89 5.47 -0.01	61.32 4.65 0.00	69.44 6.08 0.00	71.24 6.36 0.00	65.11 5.38 0.00	64.78 5.84 0.00	61.63 4.98 0.00	60.07 4.45 0.00	59.92 4.69 0.00	61.18 5.56 0.00	70.63 7.28 -0.01	97.82 8.09 -20.62	101.10 10.59 -0.03	97.55 9.98 -0.02	97.19 8.13 -16.50	89.69 8.27 -8.86	89.12 7.41 -14.95	74.59 6.90 -0.01	72.31 6.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	82.60 4.90 0.00	69.17 3.73 0.00	62.51 3.37 0.00	57.45 2.89 0.00	59.26 3.09 0.00	62.68 3.27 0.00	59.96 3.29 0.00	67.23 3.87 0.00	69.22 4.35 0.00	63.56 3.82 0.00	62.60 3.65 0.00	59.99 3.34 0.00	58.79 3.17 0.00	58.32 3.09 0.00	59.01 3.39 0.00	67.52 4.18 0.00	74.09 4.98 0.00	97.00 6.51 0.00	93.68 6.13 0.00	77.57 5.01 0.00	77.64 5.08 0.00	71.30 4.54 0.00	71.81 4.13 0.00	70.06 3.78 0.00
FORT ORANGE____ 23900	81.36 3.65 0.00	68.32 2.88 0.00	61.74 2.60 0.00	56.74 2.18 0.00	58.59 2.41 0.00	62.03 2.61 0.00	59.23 2.55 0.00	66.22 2.85 0.00	67.99 3.11 0.00	62.00 2.27 0.00	61.07 2.12 0.00	58.68 2.04 0.00	57.62 2.00 0.00	57.22 1.99 0.00	57.68 2.06 0.00	65.37 2.03 0.00	71.32 2.21 0.00	93.29 2.81 0.00	90.27 2.72 0.00	74.82 2.25 0.00	74.74 2.17 0.00	68.70 1.94 0.00	69.44 1.76 0.00	67.94 1.66 0.00
FORT_DRUM_COGEN 23780	78.25 0.54 0.00	66.03 0.59 0.00	59.67 0.53 0.00	54.94 0.38 0.00	56.73 0.56 0.00	59.89 0.48 0.00	57.02 0.34 0.00	64.38 1.01 0.00	65.66 0.78 0.00	60.45 0.72 0.00	59.60 0.65 0.00	56.93 0.28 0.00	55.95 0.33 0.00	55.45 0.22 0.00	55.90 0.28 0.00	64.16 0.82 0.00	70.29 1.17 0.00	92.02 1.54 0.00	89.31 1.75 0.00	74.02 1.45 0.00	74.02 1.45 0.00	67.90 1.13 0.00	68.97 1.29 0.00	67.41 1.13 0.00
FOX_HILLS___ESR 323835	81.80 4.04 -0.06	68.32 2.88 0.00	61.68 2.54 0.00	56.30 1.75 0.00	57.97 1.80 0.00	61.31 1.90 0.01	59.00 2.32 0.00	66.28 2.91 0.00	68.25 3.37 0.00	63.02 3.29 0.00	62.37 3.42 0.00	59.87 3.23 0.00	58.62 3.00 0.00	58.16 2.93 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.41 3.85 0.00	76.56 3.99 0.00	70.10 3.34 0.00	70.46 2.77 0.00	69.00 2.72 0.00
FPL FAR_ROCK_GT1 24212	83.84 6.14 0.00	70.15 4.71 0.00	63.63 4.49 0.00	58.49 3.93 0.00	60.27 4.10 0.00	63.89 4.46 -0.01	60.70 4.02 0.00	68.56 5.20 0.00	70.26 5.38 0.00	64.40 4.66 0.00	63.84 4.89 0.00	60.78 4.13 0.00	59.63 4.01 0.00	59.37 4.14 0.00	60.29 4.67 0.00	69.23 5.89 0.00	106.47 6.49 -30.86	99.00 8.50 -0.02	95.62 8.05 -0.02	103.86 6.60 -24.69	92.63 6.82 -13.25	95.15 6.01 -22.37	73.29 5.61 0.00	71.25 4.97 0.00



FPL FAR_ROCK_GT2 23815	83.84 6.14 0.00	70.15 4.71 0.00	63.63 4.49 0.00	58.49 3.93 0.00	60.27 4.10 0.00	63.89 4.46 -0.01	60.70 4.02 0.00	68.56 5.20 0.00	70.26 5.38 0.00	64.40 4.66 0.00	63.84 4.89 0.00	60.78 4.13 0.00	59.63 4.01 0.00	59.37 4.14 0.00	60.29 4.67 0.00	69.23 5.89 0.00	106.47 6.49 -30.86	99.00 8.50 -0.02	95.62 8.05 -0.02	103.86 6.60 -24.69	92.63 6.82 -13.25	95.15 6.01 -22.37	73.29 5.61 0.00	71.25 4.97 0.00
FRANKLIN_FALL_HYD 24054	78.87 1.17 0.00	67.53 2.09 0.00	60.91 1.77 0.00	56.52 1.96 0.00	57.86 1.69 0.00	61.20 1.78 0.00	58.15 1.47 0.00	65.20 1.84 0.00	66.30 1.43 0.00	61.29 1.55 0.00	60.48 1.53 0.00	58.29 1.64 0.00	57.29 1.67 0.00	56.78 1.55 0.00	57.07 1.45 0.00	64.73 1.39 0.00	70.50 1.38 0.00	91.48 1.00 0.00	88.26 0.70 0.00	73.65 1.09 0.00	73.65 1.09 0.00	68.16 1.40 0.00	69.51 1.83 0.00	68.53 2.25 0.00
FREEPORT_EQUS_GT1 23764	83.30 5.60 0.00	69.69 4.25 0.00	63.22 4.08 0.00	58.10 3.54 0.00	59.88 3.71 0.00	63.47 4.04 -0.01	60.36 3.68 0.00	68.12 4.75 0.00	69.87 5.00 0.00	64.04 4.30 0.00	63.60 4.66 0.00	60.55 3.91 0.00	59.40 3.78 0.00	59.15 3.92 0.00	60.12 4.50 0.00	68.85 5.51 0.00	101.36 5.87 -26.38	98.11 7.60 -0.02	94.84 7.26 -0.02	99.54 5.88 -21.10	89.99 6.10 -11.33	91.23 5.34 -19.12	72.90 5.21 0.00	70.85 4.57 0.00
FREEPORT___CT2 23818	83.30 5.60 0.00	69.69 4.25 0.00	63.22 4.08 0.00	58.10 3.54 0.00	59.88 3.71 0.00	63.47 4.04 -0.01	60.36 3.68 0.00	68.12 4.75 0.00	69.87 5.00 0.00	64.04 4.30 0.00	63.60 4.66 0.00	60.55 3.91 0.00	59.40 3.78 0.00	59.15 3.92 0.00	60.12 4.50 0.00	68.85 5.51 0.00	101.36 5.87 -26.38	98.11 7.60 -0.02	94.84 7.26 -0.02	99.54 5.88 -21.10	89.99 6.10 -11.33	91.23 5.34 -19.12	72.90 5.21 0.00	70.85 4.57 0.00
FRESHKLS_33_KV_LOAD 356253	56.40 3.89 25.19	56.14 2.75 12.05	54.74 2.37 6.77	55.74 1.58 0.40	55.74 1.57 2.01	55.44 1.66 5.64	58.77 2.10 0.00	66.09 2.72 0.00	68.06 3.18 0.00	62.84 3.11 0.00	62.25 3.30 0.00	59.76 3.12 0.00	58.57 2.95 0.00	58.05 2.82 0.00	58.51 2.89 0.00	67.01 3.67 0.00	68.29 3.87 4.69	89.78 4.98 5.68	86.51 4.64 5.69	70.46 3.63 5.74	73.72 3.85 2.69	68.22 3.14 1.68	67.82 2.57 2.44	68.87 2.58 0.00
FULTON COGEN____ 23766	75.45 -2.25 0.00	63.61 -1.83 0.00	57.42 -1.72 0.00	52.92 -1.64 0.00	54.66 -1.52 0.00	57.75 -1.66 0.00	55.15 -1.53 0.00	61.65 -1.71 0.00	63.06 -1.82 0.00	58.12 -1.61 0.00	57.30 -1.65 0.00	54.95 -1.70 0.00	53.95 -1.67 0.00	53.57 -1.66 0.00	54.01 -1.61 0.00	61.76 -1.58 0.00	67.39 -1.73 0.00	88.31 -2.17 0.00	85.63 -1.93 0.00	70.90 -1.67 0.00	70.90 -1.67 0.00	65.23 -1.54 0.00	66.12 -1.56 0.00	64.62 -1.66 0.00
FULTON___LFGE 323630	83.14 5.44 0.00	69.56 4.13 0.00	62.93 3.79 0.00	57.72 3.16 0.00	59.66 3.48 0.00	63.22 3.81 0.00	60.31 3.63 0.00	67.23 3.87 0.00	68.90 4.02 0.00	63.08 3.34 0.00	61.95 3.00 0.00	59.08 2.43 0.00	57.73 2.11 0.00	57.33 2.10 0.00	57.95 2.34 0.00	67.14 3.80 0.00	73.82 4.70 0.00	97.27 6.79 0.00	94.56 7.01 0.00	77.93 5.37 0.00	78.08 5.51 0.00	71.50 4.74 0.00	72.42 4.74 0.00	70.65 4.37 0.00
G.F.CEMENT___DRP 24184	83.46 5.75 0.00	69.82 4.38 0.00	63.22 4.08 0.00	57.94 3.38 0.00	59.94 3.76 0.00	63.52 4.10 0.00	60.64 3.97 0.00	67.61 4.25 0.00	69.48 4.61 0.00	63.80 4.06 0.00	62.78 3.83 0.00	60.16 3.51 0.00	58.85 3.23 0.00	58.38 3.15 0.00	58.96 3.34 0.00	67.77 4.43 0.00	74.16 5.05 0.00	97.54 7.06 0.00	94.56 7.00 0.00	78.01 5.44 0.00	78.08 5.51 0.00	71.57 4.81 0.00	72.35 4.67 0.00	70.72 4.44 0.00
GARDENVILLE___LBMP 24039	74.60 -3.11 0.00	63.21 -2.22 0.00	57.25 -1.89 0.00	52.81 -1.75 0.00	54.77 -1.40 0.00	57.57 -1.84 0.00	54.58 -2.10 0.00	59.05 -4.31 0.00	60.21 -4.67 0.00	55.55 -4.18 0.00	55.00 -3.95 0.00	52.45 -4.19 0.00	51.56 -4.06 0.00	51.47 -3.76 0.00	51.73 -3.89 0.00	59.16 -4.18 0.00	63.51 -5.60 0.00	83.97 -6.51 0.00	81.69 -5.87 0.00	67.85 -4.72 0.00	67.92 -4.64 0.00	62.89 -3.87 0.00	65.24 -2.44 0.00	64.56 -1.72 0.00
GARDNVLA_35_KV_LD 355827	74.91 -2.80 0.00	63.48 -1.96 0.00	57.42 -1.72 0.00	52.97 -1.58 0.00	54.99 -1.18 0.00	57.81 -1.60 0.00	54.81 -1.87 0.00	59.24 -4.12 0.00	60.40 -4.48 0.00	55.79 -3.94 0.00	55.23 -3.71 0.00	52.68 -3.97 0.00	51.84 -3.78 0.00	51.69 -3.53 0.00	51.95 -3.67 0.00	59.48 -3.86 0.00	63.86 -5.25 0.00	84.33 -6.15 0.00	82.04 -5.52 0.00	68.14 -4.43 0.00	68.21 -4.35 0.00	63.16 -3.61 0.00	65.51 -2.17 0.00	64.82 -1.46 0.00
GELCKHM___115KV_LOAD 80723	76.15 -1.55 0.00	64.07 -1.37 0.00	57.90 -1.24 0.00	53.36 -1.20 0.00	55.05 -1.12 0.00	58.23 -1.19 0.00	55.54 -1.13 0.00	62.03 -1.33 0.00	63.45 -1.43 0.00	58.48 -1.25 0.00	57.65 -1.30 0.00	55.29 -1.36 0.00	54.29 -1.33 0.00	53.90 -1.33 0.00	54.34 -1.28 0.00	62.14 -1.20 0.00	67.73 -1.38 0.00	88.86 -1.63 0.00	86.07 -1.49 0.00	71.26 -1.31 0.00	71.26 -1.31 0.00	65.63 -1.13 0.00	66.53 -1.15 0.00	65.09 -1.19 0.00
GENERAL___MILLS 23808	74.83 -2.88 0.00	63.41 -2.03 0.00	57.36 -1.77 0.00	52.92 -1.64 0.00	54.94 -1.24 0.00	57.69 -1.72 0.00	54.75 -1.93 0.00	59.18 -4.18 0.00	60.34 -4.54 0.00	55.67 -4.06 0.00	55.18 -3.77 0.00	52.57 -4.08 0.00	51.73 -3.89 0.00	51.64 -3.59 0.00	51.84 -3.78 0.00	59.35 -3.99 0.00	63.72 -5.39 0.00	84.15 -6.33 0.00	81.95 -5.60 0.00	68.07 -4.50 0.00	68.07 -4.50 0.00	63.09 -3.67 0.00	65.45 -2.23 0.00	64.76 -1.52 0.00
GE_PLASTICS___DRP 24183	80.58 2.88 0.00	67.66 2.22 0.00	61.15 2.01 0.00	56.30 1.75 0.00	58.03 1.85 0.00	61.44 2.02 0.00	58.66 1.98 0.00	65.58 2.22 0.00	67.34 2.47 0.00	61.83 2.09 0.00	61.01 2.06 0.00	58.69 2.04 0.00	57.57 1.95 0.00	57.11 1.88 0.00	57.62 2.00 0.00	65.37 2.03 0.00	71.32 2.21 0.00	93.29 2.81 0.00	90.27 2.71 0.00	74.81 2.25 0.00	74.74 2.18 0.00	68.76 2.00 0.00	69.44 1.76 0.00	67.94 1.66 0.00
GILBOA___1 23756	79.96 2.25 0.00	67.14 1.70 0.00	60.74 1.60 0.00	55.86 1.31 0.00	57.63 1.46 0.00	60.96 1.54 0.00	58.26 1.58 0.00	65.20 1.84 0.00	66.82 1.94 0.00	61.53 1.79 0.00	60.89 1.94 0.00	58.85 2.21 0.00	57.79 2.17 0.00	57.38 2.15 0.00	57.68 2.06 0.00	65.18 1.84 0.00	71.26 2.14 0.00	93.29 2.81 0.00	90.27 2.72 0.00	74.74 2.17 0.00	74.74 2.17 0.00	68.70 1.94 0.00	69.57 1.89 0.00	68.00 1.72 0.00
GILBOA___2 23757	79.96 2.25 0.00	67.14 1.70 0.00	60.74 1.60 0.00	55.86 1.31 0.00	57.63 1.46 0.00	60.96 1.54 0.00	58.26 1.58 0.00	65.20 1.84 0.00	66.82 1.94 0.00	61.53 1.79 0.00	60.89 1.94 0.00	58.85 2.21 0.00	57.79 2.17 0.00	57.38 2.15 0.00	57.68 2.06 0.00	65.18 1.84 0.00	71.26 2.14 0.00	93.29 2.81 0.00	90.27 2.72 0.00	74.74 2.17 0.00	74.74 2.17 0.00	68.70 1.94 0.00	69.57 1.89 0.00	68.00 1.72 0.00

GILBOA___3 23758	79.96 2.25 0.00	67.14 1.70 0.00	60.74 1.60 0.00	55.86 1.31 0.00	57.63 1.46 0.00	60.96 1.54 0.00	58.26 1.58 0.00	65.20 1.84 0.00	66.82 1.94 0.00	61.53 1.79 0.00	60.89 1.94 0.00	58.85 2.21 0.00	57.79 2.17 0.00	57.38 2.15 0.00	57.68 2.06 0.00	65.18 1.84 0.00	71.26 2.14 0.00	93.29 2.81 0.00	90.27 2.72 0.00	74.74 2.17 0.00	74.74 2.17 0.00	68.70 1.94 0.00	69.57 1.89 0.00	68.00 1.72 0.00
GILBOA___4 23759	79.96 2.25 0.00	67.14 1.70 0.00	60.74 1.60 0.00	55.86 1.31 0.00	57.63 1.46 0.00	60.96 1.54 0.00	58.26 1.58 0.00	65.20 1.84 0.00	66.82 1.94 0.00	61.53 1.79 0.00	60.89 1.94 0.00	58.85 2.21 0.00	57.79 2.17 0.00	57.38 2.15 0.00	57.68 2.06 0.00	65.18 1.84 0.00	71.26 2.14 0.00	93.29 2.81 0.00	90.27 2.72 0.00	74.74 2.17 0.00	74.74 2.17 0.00	68.70 1.94 0.00	69.57 1.89 0.00	68.00 1.72 0.00
GILBOA___ 23599	79.96 2.25 0.00	67.14 1.70 0.00	60.74 1.60 0.00	55.86 1.31 0.00	57.63 1.46 0.00	60.96 1.54 0.00	58.26 1.59 0.00	65.14 1.77 0.00	66.82 1.95 0.00	61.53 1.79 0.00	60.89 1.95 0.00	58.91 2.27 0.00	57.73 2.11 0.00	57.33 2.10 0.00	57.62 2.00 0.00	65.24 1.90 0.00	71.26 2.14 0.00	93.29 2.81 0.00	90.27 2.71 0.00	74.74 2.18 0.00	74.74 2.18 0.00	68.70 1.94 0.00	69.44 1.76 0.00	67.94 1.66 0.00
GINNA___ 23603	71.88 -5.83 0.00	60.67 -4.77 0.00	54.88 -4.26 0.00	50.46 -4.09 0.00	52.35 -3.82 0.00	55.26 -4.16 0.00	52.48 -4.19 0.00	58.17 -5.19 0.00	59.30 -5.58 0.00	54.66 -5.08 0.00	53.82 -5.13 0.00	51.49 -5.15 0.00	50.56 -5.06 0.00	50.26 -4.97 0.00	50.67 -4.95 0.00	58.21 -5.13 0.00	63.31 -5.81 0.00	83.33 -7.15 0.00	80.73 -6.83 0.00	66.83 -5.73 0.00	66.83 -5.73 0.00	61.62 -5.14 0.00	62.88 -4.80 0.00	61.77 -4.51 0.00
GLEN PARK___ 23778	78.71 1.01 0.00	66.42 0.98 0.00	60.03 0.89 0.00	55.26 0.71 0.00	57.07 0.90 0.00	60.25 0.83 0.00	57.36 0.68 0.00	64.82 1.46 0.00	66.05 1.17 0.00	60.81 1.08 0.00	59.95 1.00 0.00	57.15 0.51 0.00	56.18 0.56 0.00	55.73 0.50 0.00	56.18 0.56 0.00	64.54 1.20 0.00	70.77 1.66 0.00	92.75 2.26 0.00	90.00 2.45 0.00	74.52 1.96 0.00	74.52 1.96 0.00	68.36 1.60 0.00	69.30 1.62 0.00	67.81 1.53 0.00
GLENDALE_27_KV_LOAD 356172	81.59 3.89 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.79 2.38 0.01	59.40 2.72 0.00	66.66 3.29 0.00	68.58 3.70 0.00	63.32 3.58 0.00	62.48 3.54 0.00	59.99 3.34 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.61 4.49 0.00	96.27 5.79 0.00	92.98 5.43 0.00	76.85 4.28 0.00	77.06 4.50 0.00	70.57 3.81 0.00	70.93 3.25 0.00	69.40 3.12 0.00
GLENWOOD_IC_1_G5 23712	82.06 4.35 0.00	68.91 3.47 0.00	62.63 3.49 0.00	57.56 3.00 0.00	59.32 3.15 0.00	62.88 3.45 -0.02	59.96 3.29 0.00	67.48 4.12 0.00	69.35 4.48 0.00	63.68 3.94 0.00	62.54 3.60 0.00	59.82 3.17 0.00	58.46 2.84 0.00	58.16 2.93 0.00	59.01 3.39 0.00	67.71 4.37 0.00	107.41 4.84 -33.46	96.84 6.33 -0.02	93.53 5.95 -0.02	104.13 4.79 -26.77	91.87 4.93 -14.37	95.36 4.34 -24.26	71.54 3.86 0.00	69.66 3.38 0.00
GLENWOOD_IC_2_G1 23688	82.05 4.35 0.00	68.71 3.27 0.00	62.21 3.07 0.00	57.23 2.67 0.00	58.98 2.81 0.00	62.45 3.03 0.00	59.68 3.00 0.00	67.16 3.80 0.00	68.97 4.09 0.00	63.38 3.64 0.00	62.60 3.66 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.38 3.15 0.00	59.13 3.51 0.00	67.52 4.18 0.00	75.29 4.77 -1.42	96.72 6.24 0.00	93.42 5.87 0.00	78.41 4.71 -1.13	78.03 4.86 -0.61	72.06 4.28 -1.03	71.67 3.99 0.00	69.79 3.51 0.00
GLENWOOD_IC_3_G1 23689	82.05 4.35 0.00	68.71 3.27 0.00	62.21 3.07 0.00	57.23 2.67 0.00	58.98 2.81 0.00	62.45 3.03 0.00	59.68 3.00 0.00	67.16 3.80 0.00	68.97 4.09 0.00	63.38 3.64 0.00	62.60 3.66 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.38 3.15 0.00	59.13 3.51 0.00	67.52 4.18 0.00	75.29 4.77 -1.42	96.72 6.24 0.00	93.42 5.87 0.00	78.41 4.71 -1.13	78.03 4.86 -0.61	72.06 4.28 -1.03	71.67 3.99 0.00	69.79 3.51 0.00
GLENWOOD___4 23550	82.29 4.58 0.00	69.04 3.60 0.00	62.63 3.49 0.00	57.56 3.00 0.00	59.32 3.15 0.00	62.88 3.45 -0.02	59.96 3.29 0.00	67.48 4.12 0.00	69.35 4.48 0.00	63.68 3.94 0.00	62.72 3.77 0.00	59.93 3.29 0.00	58.62 3.00 0.00	58.27 3.04 0.00	59.12 3.50 0.00	67.84 4.50 0.00	107.62 5.05 -33.46	97.02 6.51 -0.02	93.70 6.13 -0.02	104.34 5.01 -26.77	92.08 5.15 -14.37	95.49 4.47 -24.26	71.74 4.06 0.00	69.79 3.51 0.00
GLENWOOD___5 23614	82.29 4.58 0.00	69.04 3.60 0.00	62.63 3.49 0.00	57.56 3.00 0.00	59.32 3.15 0.00	62.88 3.45 -0.02	59.96 3.29 0.00	67.48 4.12 0.00	69.35 4.48 0.00	63.68 3.94 0.00	62.72 3.77 0.00	59.93 3.29 0.00	58.62 3.00 0.00	58.27 3.04 0.00	59.12 3.50 0.00	67.84 4.50 0.00	107.62 5.05 -33.46	97.02 6.51 -0.02	93.70 6.13 -0.02	104.34 5.01 -26.77	92.08 5.15 -14.37	95.49 4.47 -24.26	71.74 4.06 0.00	69.79 3.51 0.00
GLOBAL GREEN_PORT_GT1 23814	86.18 8.47 0.00	71.98 6.54 0.00	65.40 6.27 0.00	60.01 5.45 0.00	61.84 5.67 0.00	65.84 6.42 -0.01	62.00 5.33 0.00	70.52 7.16 0.00	72.27 7.39 0.00	65.77 6.03 0.00	65.84 6.89 0.00	62.43 5.78 0.00	61.18 5.56 0.00	61.20 5.97 0.00	62.63 7.01 0.00	72.21 8.87 -0.01	99.67 10.02 -20.54	103.90 13.39 -0.03	100.26 12.69 -0.02	99.23 10.23 -16.43	91.54 10.16 -8.82	91.00 9.35 -14.89	76.42 8.73 -0.01	74.50 8.22 0.00
GLOBE___DSASP 323697	71.96 -5.75 0.00	61.32 -4.12 0.00	55.53 -3.61 0.00	51.23 -3.33 0.00	53.14 -3.03 0.00	55.85 -3.56 0.00	52.60 -4.08 0.00	56.65 -6.72 0.00	57.74 -7.14 0.00	53.28 -6.45 0.00	52.76 -6.19 0.00	50.36 -6.29 0.00	49.50 -6.12 0.00	49.38 -5.85 0.00	49.61 -6.01 0.00	56.75 -6.59 0.00	60.61 -8.50 0.00	80.35 -10.13 0.00	78.19 -9.37 0.00	64.95 -7.62 0.00	65.02 -7.55 0.00	60.35 -6.41 0.00	62.81 -4.87 0.00	62.24 -4.04 0.00
GOETHSLN___LBMP 323567	55.69 3.19 25.20	55.68 2.29 12.05	54.49 2.13 6.78	55.95 1.80 0.41	56.01 1.85 2.02	55.79 2.02 5.65	58.94 2.27 0.00	66.21 2.85 0.00	68.12 3.24 0.00	62.78 3.05 0.00	61.78 2.83 0.00	59.25 2.61 0.00	58.07 2.45 0.00	57.60 2.37 0.00	58.23 2.61 0.00	66.63 3.29 0.01	68.21 3.80 4.70	89.68 4.89 5.69	86.41 4.55 5.70	70.45 3.63 5.74	73.64 3.77 2.70	68.28 3.20 1.69	67.94 2.71 2.44	68.66 2.39 0.01
GOLAH___69_KV_TB 1_2 80279	73.98 -3.73 0.00	62.56 -2.88 0.00	56.60 -2.54 0.00	52.26 -2.29 0.00	54.15 -2.02 0.00	57.22 -2.20 0.00	54.24 -2.44 0.00	59.75 -3.61 0.00	60.73 -4.15 0.00	55.91 -3.82 0.00	55.12 -3.83 0.00	52.68 -3.97 0.00	51.78 -3.84 0.00	51.58 -3.65 0.00	51.95 -3.67 0.00	59.54 -3.80 0.00	64.41 -4.70 0.00	85.15 -5.34 0.00	82.39 -5.17 0.00	68.07 -4.50 0.00	68.28 -4.28 0.00	63.02 -3.74 0.00	64.77 -2.91 0.00	63.83 -2.45 0.00

GOODYEAR_LAKE_HYD 323669	80.50 2.80 0.00	67.60 2.16 0.00	61.09 1.95 0.00	56.25 1.69 0.00	58.08 1.91 0.00	61.44 2.02 0.00	58.66 1.98 0.00	65.71 2.34 0.00	67.28 2.40 0.00	61.89 2.15 0.00	61.01 2.06 0.00	58.52 1.87 0.00	57.34 1.72 0.00	56.94 1.71 0.00	57.34 1.72 0.00	65.68 2.34 0.00	71.95 2.83 0.00	94.56 4.07 0.00	91.58 4.03 0.00	75.68 3.12 0.00	75.83 3.27 0.00	69.50 2.74 0.00	70.39 2.71 0.00	68.80 2.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	77.94 0.23 0.00	65.64 0.20 0.00	59.32 0.18 0.00	54.66 0.11 0.00	56.45 0.28 0.00	59.65 0.24 0.00	56.90 0.23 0.00	63.23 -0.13 0.00	64.68 -0.19 0.00	59.56 -0.18 0.00	58.77 -0.18 0.00	56.36 -0.28 0.00	55.34 -0.28 0.00	54.95 -0.28 0.00	55.34 -0.28 0.00	63.28 -0.06 0.00	68.97 -0.14 0.00	90.57 0.09 0.00	87.82 0.26 0.00	72.71 0.15 0.00	72.71 0.15 0.00	66.96 0.20 0.00	68.02 0.34 0.00	66.74 0.46 0.00
GOUDEY___7 23579	77.94 0.23 0.00	65.64 0.20 0.00	59.32 0.18 0.00	54.66 0.11 0.00	56.45 0.28 0.00	59.65 0.24 0.00	56.90 0.23 0.00	63.23 -0.13 0.00	64.68 -0.19 0.00	59.56 -0.18 0.00	58.77 -0.18 0.00	56.36 -0.28 0.00	55.34 -0.28 0.00	54.95 -0.28 0.00	55.34 -0.28 0.00	63.28 -0.06 0.00	68.97 -0.14 0.00	90.57 0.09 0.00	87.82 0.26 0.00	72.71 0.15 0.00	72.71 0.15 0.00	66.96 0.20 0.00	68.02 0.34 0.00	66.74 0.46 0.00
GOUDEY___8 23580	77.94 0.23 0.00	65.64 0.20 0.00	59.32 0.18 0.00	54.66 0.11 0.00	56.45 0.28 0.00	59.65 0.24 0.00	56.90 0.23 0.00	63.23 -0.13 0.00	64.68 -0.19 0.00	59.56 -0.18 0.00	58.77 -0.18 0.00	56.36 -0.28 0.00	55.34 -0.28 0.00	54.95 -0.28 0.00	55.34 -0.28 0.00	63.28 -0.06 0.00	68.97 -0.14 0.00	90.57 0.09 0.00	87.82 0.26 0.00	72.71 0.15 0.00	72.71 0.15 0.00	66.96 0.20 0.00	68.02 0.34 0.00	66.74 0.46 0.00
GOWANUS_GT1_1 24077	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT1_2 24078	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT1_3 24079	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT1_4 24080	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT1_5 24084	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT1_6 24111	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT1_7 24112	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT1_8 24113	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT2_1 24114	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
GOWANUS_GT2_2 24115	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
GOWANUS_GT2_3 24116	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00

GOWANUS_GT2_4 24117	81.88 <u>4.12</u> -0.06	68.39 <u>2.95</u> 0.00	61.80 <u>2.66</u> 0.00	56.58 <u>2.02</u> 0.00	58.25 <u>2.08</u> 0.00	61.61 <u>2.20</u> 0.01	59.29 <u>2.61</u> 0.00	66.65 <u>3.29</u> 0.00	68.51 <u>3.63</u> 0.00	63.26 <u>3.52</u> 0.00	62.42 <u>3.48</u> 0.00	59.87 <u>3.23</u> 0.00	58.73 <u>3.11</u> 0.00	58.27 <u>3.04</u> 0.00	58.96 <u>3.34</u> 0.00	67.27 <u>3.93</u> 0.00	73.54 <u>4.43</u> 0.00	96.19 <u>5.70</u> 0.00	92.90 <u>5.34</u> 0.00	76.77 <u>4.21</u> 0.00	76.92 <u>4.35</u> 0.00	70.43 <u>3.67</u> 0.00	71.20 <u>3.52</u> 0.00	69.33 <u>3.05</u> 0.00
GOWANUS_GT2_5 24118	81.88 <u>4.12</u> -0.06	68.39 <u>2.95</u> 0.00	61.80 <u>2.66</u> 0.00	56.58 <u>2.02</u> 0.00	58.25 <u>2.08</u> 0.00	61.61 <u>2.20</u> 0.01	59.29 <u>2.61</u> 0.00	66.65 <u>3.29</u> 0.00	68.51 <u>3.63</u> 0.00	63.26 <u>3.52</u> 0.00	62.42 <u>3.48</u> 0.00	59.87 <u>3.23</u> 0.00	58.73 <u>3.11</u> 0.00	58.27 <u>3.04</u> 0.00	58.96 <u>3.34</u> 0.00	67.27 <u>3.93</u> 0.00	73.54 <u>4.43</u> 0.00	96.19 <u>5.70</u> 0.00	92.90 <u>5.34</u> 0.00	76.77 <u>4.21</u> 0.00	76.92 <u>4.35</u> 0.00	70.43 <u>3.67</u> 0.00	71.20 <u>3.52</u> 0.00	69.33 <u>3.05</u> 0.00
GOWANUS_GT2_6 24119	81.88 <u>4.12</u> -0.06	68.39 <u>2.95</u> 0.00	61.80 <u>2.66</u> 0.00	56.58 <u>2.02</u> 0.00	58.25 <u>2.08</u> 0.00	61.61 <u>2.20</u> 0.01	59.29 <u>2.61</u> 0.00	66.65 <u>3.29</u> 0.00	68.51 <u>3.63</u> 0.00	63.26 <u>3.52</u> 0.00	62.42 <u>3.48</u> 0.00	59.87 <u>3.23</u> 0.00	58.73 <u>3.11</u> 0.00	58.27 <u>3.04</u> 0.00	58.96 <u>3.34</u> 0.00	67.27 <u>3.93</u> 0.00	73.54 <u>4.43</u> 0.00	96.19 <u>5.70</u> 0.00	92.90 <u>5.34</u> 0.00	76.77 <u>4.21</u> 0.00	76.92 <u>4.35</u> 0.00	70.43 <u>3.67</u> 0.00	71.20 <u>3.52</u> 0.00	69.33 <u>3.05</u> 0.00
GOWANUS_GT2_7 24120	81.88 <u>4.12</u> -0.06	68.39 <u>2.95</u> 0.00	61.80 <u>2.66</u> 0.00	56.58 <u>2.02</u> 0.00	58.25 <u>2.08</u> 0.00	61.61 <u>2.20</u> 0.01	59.29 <u>2.61</u> 0.00	66.65 <u>3.29</u> 0.00	68.51 <u>3.63</u> 0.00	63.26 <u>3.52</u> 0.00	62.42 <u>3.48</u> 0.00	59.87 <u>3.23</u> 0.00	58.73 <u>3.11</u> 0.00	58.27 <u>3.04</u> 0.00	58.96 <u>3.34</u> 0.00	67.27 <u>3.93</u> 0.00	73.54 <u>4.43</u> 0.00	96.19 <u>5.70</u> 0.00	92.90 <u>5.34</u> 0.00	76.77 <u>4.21</u> 0.00	76.92 <u>4.35</u> 0.00	70.43 <u>3.67</u> 0.00	71.20 <u>3.52</u> 0.00	69.33 <u>3.05</u> 0.00
GOWANUS_GT2_8 24121	81.88 <u>4.12</u> -0.06	68.39 <u>2.95</u> 0.00	61.80 <u>2.66</u> 0.00	56.58 <u>2.02</u> 0.00	58.25 <u>2.08</u> 0.00	61.61 <u>2.20</u> 0.01	59.29 <u>2.61</u> 0.00	66.65 <u>3.29</u> 0.00	68.51 <u>3.63</u> 0.00	63.26 <u>3.52</u> 0.00	62.42 <u>3.48</u> 0.00	59.87 <u>3.23</u> 0.00	58.73 <u>3.11</u> 0.00	58.27 <u>3.04</u> 0.00	58.96 <u>3.34</u> 0.00	67.27 <u>3.93</u> 0.00	73.54 <u>4.43</u> 0.00	96.19 <u>5.70</u> 0.00	92.90 <u>5.34</u> 0.00	76.77 <u>4.21</u> 0.00	76.92 <u>4.35</u> 0.00	70.43 <u>3.67</u> 0.00	71.20 <u>3.52</u> 0.00	69.33 <u>3.05</u> 0.00
GOWANUS_GT3_1 24122	81.88 <u>4.12</u> -0.06	68.39 <u>2.95</u> 0.00	61.80 <u>2.66</u> 0.00	56.58 <u>2.02</u> 0.00	58.25 <u>2.08</u> 0.00	61.61 <u>2.20</u> 0.01	59.29 <u>2.61</u> 0.00	66.65 <u>3.29</u> 0.00	68.51 <u>3.63</u> 0.00	63.26 <u>3.52</u> 0.00	62.42 <u>3.48</u> 0.00	59.87 <u>3.23</u> 0.00	58.73 <u>3.11</u> 0.00	58.27 <u>3.04</u> 0.00	58.96 <u>3.34</u> 0.00	67.27 <u>3.93</u> 0.00	73.54 <u>4.43</u> 0.00	96.19 <u>5.70</u> 0.00	92.90 <u>5.34</u> 0.00	76.77 <u>4.21</u> 0.00	76.92 <u>4.35</u> 0.00	70.43 <u>3.67</u> 0.00	71.20 <u>3.52</u> 0.00	69.33 <u>3.05</u> 0.00
GOWANUS_GT3_2 24123	81.88 <u>4.12</u> -0.06	68.39 <u>2.</u>																						

GOWANUS_GT4_3 24132	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT4_4 24133	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT4_5 24134	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT4_6 24135	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT4_7 24136	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GOWANUS_GT4_8 24137	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GREENBSH_115KV_TB3 55895	80.81 3.11 0.00	67.86 2.42 0.00	61.39 2.25 0.00	56.46 1.91 0.00	58.20 2.02 0.00	61.61 2.20 0.00	58.89 2.21 0.00	65.83 2.47 0.00	67.60 2.72 0.00	62.06 2.33 0.00	61.13 2.18 0.00	58.80 2.15 0.00	57.68 2.06 0.00	57.22 1.99 0.00	57.73 2.11 0.00	65.43 2.09 0.00	71.26 2.14 0.00	93.20 2.71 0.00	90.18 2.63 0.00	74.74 2.18 0.00	74.67 2.10 0.00	68.63 1.87 0.00	69.37 1.69 0.00	67.81 1.52 0.00
GREENIDGE_115KV_TB5 80291	77.01 -0.70 0.00	64.92 -0.52 0.00	58.67 -0.47 0.00	54.01 -0.55 0.00	55.95 -0.22 0.00	59.06 -0.36 0.00	56.28 -0.40 0.00	62.41 -0.95 0.00	63.64 -1.23 0.00	58.66 -1.08 0.00	57.77 -1.18 0.00	55.12 -1.53 0.00	54.12 -1.50 0.00	53.74 -1.49 0.00	54.23 -1.39 0.00	62.39 -0.95 0.00	67.87 -1.24 0.00	89.40 -1.09 0.00	86.94 -0.61 0.00	72.06 -0.51 0.00	71.98 -0.58 0.00	66.36 -0.40 0.00	67.61 -0.07 0.00	66.21 -0.07 0.00
GREENIDGE___3 23582	77.01 -0.70 0.00	64.92 -0.52 0.00	58.67 -0.47 0.00	54.01 -0.55 0.00	55.95 -0.22 0.00	59.06 -0.36 0.00	56.28 -0.40 0.00	62.41 -0.95 0.00	63.64 -1.23 0.00	58.66 -1.08 0.00	57.77 -1.18 0.00	55.12 -1.53 0.00	54.12 -1.50 0.00	53.74 -1.49 0.00	54.23 -1.39 0.00	62.39 -0.95 0.00	67.87 -1.24 0.00	89.40 -1.09 0.00	86.94 -0.61 0.00	72.06 -0.51 0.00	71.98 -0.58 0.00	66.36 -0.40 0.00	67.61 -0.07 0.00	66.21 -0.07 0.00
GREENIDGE___4 23583	77.00 -0.70 0.00	64.91 -0.53 0.00	58.66 -0.48 0.00	54.01 -0.55 0.00	55.95 -0.22 0.00	59.06 -0.35 0.00	56.28 -0.39 0.00	62.41 -0.95 0.00	63.64 -1.23 0.00	58.66 -1.07 0.00	57.77 -1.18 0.00	55.17 -1.47 0.00	54.12 -1.50 0.00	53.79 -1.44 0.00	54.23 -1.39 0.00	62.32 -1.02 0.00	67.87 -1.24 0.00	89.40 -1.08 0.00	86.95 -0.61 0.00	72.06 -0.50 0.00	71.98 -0.58 0.00	66.36 -0.40 0.00	67.55 -0.14 0.00	66.21 -0.07 0.00
GREENLWN_69_KV_BK 3 55738	82.83 5.13 0.00	69.30 3.86 0.00	62.86 3.73 0.00	57.72 3.16 0.00	59.49 3.31 0.00	63.11 3.68 -0.01	59.91 3.23 0.00	67.73 4.37 0.00	69.55 4.67 0.00	63.68 3.94 0.00	63.13 4.19 0.00	60.21 3.57 0.00	58.73 3.11 0.00	58.54 3.31 0.00	59.62 4.00 0.00	68.60 5.26 -0.01	95.79 5.74 -20.94	97.84 7.33 -0.03	94.67 7.09 -0.02	95.05 5.73 -16.76	87.51 5.95 -8.99	87.15 5.21 -15.18	72.49 4.81 -0.01	70.32 4.04 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00
GRISSOM___SOLAR 323813	82.99 5.29 0.00	69.43 3.99 0.00	62.87 3.73 0.00	57.61 3.05 0.00	59.60 3.43 0.00	63.10 3.69 0.00	60.25 3.57 0.00	67.16 3.80 0.00	68.84 3.96 0.00	63.02 3.28 0.00	61.95 3.00 0.00	59.14 2.49 0.00	57.85 2.23 0.00	57.44 2.21 0.00	58.06 2.44 0.00	67.08 3.74 0.00	73.67 4.56 0.00	97.09 6.60 0.00	94.30 6.74 0.00	77.79 5.23 0.00	77.86 5.29 0.00	71.30 4.54 0.00	72.22 4.54 0.00	70.53 4.25 0.00
GROVEVILLE___HYD 323602	82.60 4.90 0.00	69.17 3.73 0.00	62.51 3.37 0.00	57.45 2.89 0.00	59.26 3.09 0.00	62.68 3.27 0.00	59.96 3.29 0.00	67.23 3.87 0.00	69.22 4.35 0.00	63.56 3.82 0.00	62.60 3.65 0.00	59.99 3.34 0.00	58.79 3.17 0.00	58.32 3.09 0.00	59.01 3.39 0.00	67.52 4.18 0.00	74.09 4.98 0.00	97.00 6.51 0.00	93.68 6.13 0.00	77.57 5.01 0.00	77.64 5.08 0.00	71.30 4.54 0.00	71.81 4.13 0.00	70.06 3.78 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	76.62 -1.09 0.00	64.52 -0.92 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.44 -0.73 0.00	58.64 -0.77 0.00	55.94 -0.74 0.00	62.54 -0.82 0.00	63.97 -0.91 0.00	58.90 -0.84 0.00	58.12 -0.83 0.00	55.68 -0.96 0.00	54.67 -0.95 0.00	54.29 -0.94 0.00	54.73 -0.89 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.58 -0.90 0.00	86.86 -0.70 0.00	71.91 -0.65 0.00	71.84 -0.73 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00

HAMLTNNY_34_KV_TB 80303	76.62 -1.09 0.00	64.46 -0.98 0.00	58.25 -0.89 0.00	53.63 -0.93 0.00	55.39 -0.79 0.00	58.58 -0.83 0.00	55.88 -0.79 0.00	62.41 -0.95 0.00	63.84 -1.04 0.00	58.78 -0.96 0.00	58.00 -0.94 0.00	55.57 -1.08 0.00	54.56 -1.06 0.00	54.18 -1.05 0.00	54.62 -1.00 0.00	62.52 -0.82 0.00	68.15 -0.97 0.00	89.49 -1.00 0.00	86.68 -0.88 0.00	71.84 -0.73 0.00	71.77 -0.80 0.00	66.09 -0.67 0.00	67.00 -0.68 0.00	65.49 -0.80 0.00
HAMPSHIRE___PAPER_HYD 323593	76.93 -0.78 0.00	65.24 -0.20 0.00	58.90 -0.24 0.00	54.45 -0.11 0.00	56.01 -0.17 0.00	59.06 -0.35 0.00	56.17 -0.51 0.00	63.17 -0.19 0.00	64.43 -0.45 0.00	59.38 -0.36 0.00	58.60 -0.35 0.00	56.31 -0.34 0.00	55.34 -0.28 0.00	54.85 -0.38 0.00	55.23 -0.39 0.00	62.96 -0.38 0.00	68.70 -0.41 0.00	89.67 -0.82 0.00	86.77 -0.79 0.00	72.06 -0.50 0.00	72.06 -0.50 0.00	66.36 -0.40 0.00	67.34 -0.34 0.00	66.21 -0.07 0.00
HARDSCRABBLE_WT_PWR 323673	81.51 3.81 0.00	68.58 3.14 0.00	61.98 2.84 0.00	57.12 2.56 0.00	58.87 2.70 0.00	62.27 2.85 0.00	59.34 2.66 0.00	66.40 3.04 0.00	67.93 3.05 0.00	62.54 2.81 0.00	61.72 2.77 0.00	59.25 2.61 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.12 2.51 0.00	66.25 2.92 0.00	72.29 3.18 0.00	94.74 4.25 0.00	91.76 4.20 0.00	76.05 3.48 0.00	76.12 3.55 0.00	69.90 3.14 0.00	70.80 3.11 0.00	69.27 2.99 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	81.28 3.57 0.00	68.06 2.62 0.00	61.56 2.42 0.00	56.57 2.02 0.00	58.31 2.13 0.00	61.73 2.32 0.00	59.06 2.38 0.00	66.21 2.85 0.00	68.12 3.24 0.00	62.60 2.87 0.00	61.72 2.77 0.00	59.20 2.55 0.00	57.96 2.34 0.00	57.55 2.32 0.00	58.18 2.56 0.00	66.51 3.17 0.00	72.91 3.80 0.00	95.46 4.98 0.00	92.20 4.64 0.00	76.34 3.77 0.00	76.41 3.85 0.00	70.10 3.34 0.00	70.66 2.98 0.00	69.00 2.72 0.00
HARSNRAD_115KV_TB1 81005	72.65 -5.05 0.00	61.64 -3.80 0.00	55.83 -3.31 0.00	51.45 -3.11 0.00	53.42 -2.75 0.00	56.15 -3.27 0.00	53.16 -3.51 0.00	57.34 -6.02 0.00	58.45 -6.42 0.00	53.94 -5.79 0.00	53.41 -5.54 0.00	50.92 -5.72 0.00	50.11 -5.51 0.00	49.98 -5.25 0.00	50.22 -5.40 0.00	57.51 -5.83 0.00	61.58 -7.53 0.00	81.44 -9.05 0.00	79.33 -8.23 0.00	65.89 -6.68 0.00	65.96 -6.60 0.00	61.09 -5.67 0.00	63.48 -4.20 0.00	62.90 -3.38 0.00
HARZA MOOSE___RIVER 24016	79.34 1.63 0.00	66.88 1.44 0.00	60.38 1.24 0.00	55.70 1.15 0.00	57.41 1.24 0.00	60.72 1.31 0.00	57.87 1.19 0.00	65.07 1.71 0.00	66.43 1.56 0.00	61.17 1.43 0.00	60.30 1.36 0.00	57.67 1.02 0.00	56.62 1.00 0.00	56.17 0.94 0.00	56.62 1.00 0.00	64.80 1.46 0.00	70.84 1.73 0.00	92.75 2.26 0.00	89.92 2.36 0.00	74.52 1.96 0.00	74.45 1.89 0.00	68.36 1.60 0.00	69.37 1.69 0.00	67.94 1.66 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	76.15 -1.55 0.00	64.13 -1.31 0.00	57.90 -1.24 0.00	53.36 -1.20 0.00	55.11 -1.07 0.00	58.23 -1.19 0.00	55.54 -1.13 0.00	62.03 -1.33 0.00	63.45 -1.43 0.00	58.48 -1.25 0.00	57.65 -1.30 0.00	55.29 -1.36 0.00	54.29 -1.33 0.00	53.90 -1.33 0.00	54.34 -1.28 0.00	62.14 -1.20 0.00	67.73 -1.38 0.00	88.86 -1.63 0.00	86.07 -1.49 0.00	71.26 -1.31 0.00	71.26 -1.31 0.00	65.63 -1.13 0.00	66.53 -1.15 0.00	65.09 -1.19 0.00
HELLGATE_13_KV_LD 55870	81.05 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.06 2.38 0.00	66.28 2.91 0.00	68.12 3.24 0.00	62.90 3.17 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.12 4.01 0.00	95.64 5.16 0.00	92.37 4.82 0.00	76.41 3.85 0.00	76.56 3.99 0.00	70.17 3.40 0.00	70.52 2.84 0.00	69.00 2.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	81.05 3.34 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.46 1.91 0.00	58.08 1.91 0.00	61.37 1.96 0.01	59.06 2.38 0.00	66.28 2.91 0.00	68.12 3.24 0.00	62.90 3.17 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.12 4.01 0.00	95.64 5.16 0.00	92.37 4.82 0.00	76.41 3.85 0.00	76.56 3.99 0.00	70.17 3.40 0.00	70.52 2.84 0.00	69.00 2.72 0.00
HEMPSTEAD____ 23647	82.45 4.74 0.00	69.04 3.60 0.00	62.69 3.55 0.00	57.61 3.05 0.00	59.32 3.14 0.00	62.93 3.50 -0.01	59.91 3.23 0.00	67.54 4.18 0.00	69.35 4.47 0.00	63.56 3.83 0.00	62.96 4.01 0.00	60.04 3.40 0.00	58.84 3.22 0.00	58.60 3.37 0.00	59.51 3.89 0.00	68.10 4.75 0.00	103.52 5.25 -29.16	97.30 6.79 -0.02	94.05 6.48 -0.02	101.12 5.23 -23.33	90.53 5.45 -12.52	92.64 4.74 -21.14	72.15 4.47 0.00	70.12 3.84 0.00
HEWLETT_69_KV_BK3 55828	83.46 5.75 0.00	69.82 4.38 0.00	63.34 4.20 0.00	58.21 3.66 0.00	59.99 3.82 0.00	63.59 4.16 -0.01	60.42 3.74 0.00	68.18 4.82 0.00	69.94 5.06 0.00	64.10 4.36 0.00	63.49 4.54 0.00	60.55 3.91 0.00	59.12 3.50 0.00	58.82 3.59 0.00	59.85 4.23 0.00	68.91 5.57 0.00	106.13 6.15 -30.86	98.46 7.96 -0.02	95.10 7.53 -0.02	103.50 6.24 -24.69	92.27 6.46 -13.25	94.81 5.67 -22.37	72.89 5.21 0.00	70.79 4.51 0.00
HICKLING___1 23621	77.71 0.00 0.00	65.51 0.07 0.00	59.14 0.00 0.00	54.50 -0.05 0.00	56.45 0.28 0.00	59.59 0.18 0.00	56.79 0.11 0.00	62.66 -0.70 0.00	63.90 -0.97 0.00	58.84 -0.90 0.00	58.06 -0.88 0.00	55.51 -1.13 0.00	54.51 -1.11 0.00	54.18 -1.05 0.00	54.56 -1.06 0.00	62.71 -0.63 0.00	68.08 -1.04 0.00	89.67 -0.81 0.00	87.12 -0.44 0.00	72.13 -0.44 0.00	72.13 -0.44 0.00	66.56 -0.20 0.00	67.95 0.27 0.00	66.81 0.53 0.00
HICKLING___2 23622	77.71 0.00 0.00	65.51 0.07 0.00	59.14 0.00 0.00	54.50 -0.05 0.00	56.45 0.28 0.00	59.59 0.18 0.00	56.79 0.11 0.00	62.66 -0.70 0.00	63.90 -0.97 0.00	58.84 -0.90 0.00	58.06 -0.88 0.00	55.51 -1.13 0.00	54.51 -1.11 0.00	54.18 -1.05 0.00	54.56 -1.06 0.00	62.71 -0.63 0.00	68.08 -1.04 0.00	89.67 -0.81 0.00	87.12 -0.44 0.00	72.13 -0.44 0.00	72.13 -0.44 0.00	66.56 -0.20 0.00	67.95 0.27 0.00	66.81 0.53 0.00
HIGH FALLS___HY 23754	83.14 5.44 0.00	69.56 4.12 0.00	62.86 3.73 0.00	57.72 3.16 0.00	59.54 3.37 0.00	63.04 3.62 0.00	60.25 3.57 0.00	67.67 4.31 0.00	69.81 4.93 0.00	63.98 4.24 0.00	62.90 3.95 0.00	60.21 3.57 0.00	58.96 3.34 0.00	58.54 3.31 0.00	59.23 3.62 0.00	67.96 4.62 0.00	74.85 5.74 0.00	97.99 7.51 0.00	94.56 7.00 0.00	78.37 5.81 0.00	78.37 5.81 0.00	71.90 5.14 0.00	72.35 4.67 0.00	70.59 4.31 0.00
HIGH_RIVER___SOLAR 323847	81.28 3.58 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.68 2.13 0.00	58.48 2.30 0.00	61.97 2.55 0.00	59.11 2.44 0.00	66.08 2.72 0.00	67.67 2.79 0.00	61.95 2.21 0.00	60.89 1.94 0.00	58.34 1.70 0.00	57.12 1.50 0.00	56.66 1.43 0.00	57.29 1.67 0.00	65.94 2.60 0.00	72.36 3.25 0.00	95.01 4.52 0.00	92.02 4.46 0.00	76.05 3.48 0.00	76.12 3.55 0.00	69.83 3.07 0.00	70.73 3.05 0.00	69.13 2.85 0.00

HILLBURN___GT 23639	80.89 3.19 0.00	67.79 2.35 0.00	61.26 2.13 0.00	56.35 1.80 0.00	58.02 1.85 0.00	61.44 2.02 0.00	58.83 2.15 0.00	66.08 2.72 0.00	67.93 3.05 0.00	62.48 2.75 0.00	61.60 2.66 0.00	59.08 2.43 0.00	57.96 2.34 0.00	57.55 2.32 0.00	58.18 2.56 0.00	66.32 2.98 0.00	72.70 3.59 0.00	95.19 4.70 0.00	91.93 4.38 0.00	76.12 3.55 0.00	76.19 3.63 0.00	69.90 3.14 0.00	70.59 2.91 0.00	68.80 2.52 0.00
HILLSIDE_115KV_TB1 80332	76.62 -1.09 0.00	64.59 -0.85 0.00	58.37 -0.77 0.00	53.79 -0.76 0.00	55.67 -0.51 0.00	58.70 -0.71 0.00	56.00 -0.68 0.00	61.71 -1.65 0.00	63.06 -1.82 0.00	58.06 -1.67 0.00	57.30 -1.65 0.00	54.89 -1.76 0.00	53.84 -1.78 0.00	53.52 -1.71 0.00	53.90 -1.72 0.00	61.76 -1.58 0.00	67.11 -2.00 0.00	88.40 -2.08 0.00	85.80 -1.75 0.00	71.04 -1.52 0.00	71.04 -1.52 0.00	65.56 -1.20 0.00	66.80 -0.88 0.00	65.82 -0.46 0.00
HISHELDN_WT_PWR 323625	74.91 -2.79 0.00	63.48 -1.96 0.00	57.42 -1.72 0.00	52.97 -1.58 0.00	54.94 -1.24 0.00	57.75 -1.66 0.00	54.81 -1.87 0.00	59.56 -3.80 0.00	60.66 -4.22 0.00	55.91 -3.82 0.00	55.29 -3.65 0.00	52.79 -3.85 0.00	51.89 -3.73 0.00	51.69 -3.54 0.00	52.00 -3.61 0.00	59.60 -3.74 0.00	64.21 -4.91 0.00	84.79 -5.70 0.00	82.39 -5.17 0.00	68.43 -4.13 0.00	68.50 -4.06 0.00	63.42 -3.34 0.00	65.45 -2.23 0.00	64.76 -1.52 0.00
HOLTSVILLE_IC_1 23690	84.70 7.00 0.00	70.74 5.30 0.00	64.28 5.14 0.00	58.97 4.42 0.00	60.78 4.61 0.00	64.59 5.17 -0.01	61.10 4.42 0.00	69.19 5.83 0.00	70.91 6.03 0.00	64.81 5.07 0.00	64.61 5.66 0.00	61.35 4.70 0.00	60.07 4.45 0.00	59.98 4.75 0.00	61.07 5.45 0.00	70.19 6.84 -0.01	97.15 7.53 -20.51	100.47 9.95 -0.03	96.95 9.37 -0.02	96.59 7.62 -16.41	89.14 7.77 -8.81	88.57 6.94 -14.87	74.25 6.56 -0.01	72.18 5.90 0.00
HOLTSVILLE_IC_10 23699	85.17 7.46 0.00	71.13 5.69 0.00	64.64 5.50 0.00	59.30 4.74 0.00	61.12 4.94 0.00	64.95 5.53 -0.01	61.38 4.70 0.00	69.57 6.21 0.00	71.30 6.42 0.00	65.11 5.38 0.00	64.96 6.02 0.00	61.63 4.99 0.00	60.40 4.78 0.00	60.31 5.08 0.00	61.46 5.84 0.00	70.63 7.28 -20.63	97.83 8.08 -0.03	101.19 10.67 -0.03	97.73 10.15 -0.02	97.27 8.20 -16.51	89.77 8.34 -8.86	89.20 7.48 -14.96	74.73 7.04 -0.01	72.64 6.36 0.00
HOLTSVILLE_IC_2 23691	84.70 7.00 0.00	70.74 5.30 0.00	64.28 5.14 0.00	58.97 4.42 0.00	60.78 4.61 0.00	64.59 5.17 -0.01	61.10 4.42 0.00	69.19 5.83 0.00	70.91 6.03 0.00	64.81 5.07 0.00	64.61 5.66 0.00	61.35 4.70 0.00	60.07 4.45 0.00	59.98 4.75 0.00	61.07 5.45 0.00	70.19 6.84 -0.01	97.15 7.53 -20.51	100.47 9.95 -0.03	96.95 9.37 -0.02	96.59 7.62 -16.41	89.14 7.77 -8.81	88.57 6.94 -14.87	74.25 6.56 -0.01	72.18 5.90 0.00
HOLTSVILLE_IC_3 23692	84.70 7.00 0.00	70.74 5.30 0.00	64.28 5.14 0.00	58.97 4.42 0.00	60.78 4.61 0.00	64.59 5.17 -0.01	61.10 4.42 0.00	69.19 5.83 0.00	70.91 6.03 0.00	64.81 5.07 0.00	64.61 5.66 0.00	61.35 4.70 0.00	60.07 4.45 0.00	59.98 4.75 0.00	61.07 5.45 0.00	70.19 6.84 -0.01	97.15 7.53 -20.51	100.47 9.95 -0.03	96.95 9.37 -0.02	96.59 7.62 -16.41	89.14 7.77 -8.81	88.57 6.94 -14.87	74.25 6.56 -0.01	72.18 5.90 0.00
HOLTSVILLE_IC_4 23693	84.70 7.00 0.00	70.74 5.30 0.00	64.28 5.14 0.00	58.97 4.42 0.00	60.78 4.61 0.00	64.59 5.17 -0.01	61.10 4.42 0.00	69.19 5.83 0.00	70.91 6.03 0.00	64.81 5.07 0.00	64.61 5.66 0.00	61.35 4.70 0.00	60.07 4.45 0.00	59.98 4.75 0.00	61.07 5.45 0.00	70.19 6.84 -0.01	97.15 7.53 -20.51	100.47 9.95 -0.03	96.95 9.37 -0.02	96.59 7.62 -16.41	89.14 7.77 -8.81	88.57 6.94 -14.87	74.25 6.56 -0.01	72.18 5.90 0.00
HOLTSVILLE_IC_5 23694	84.70 7.00 0.00	70.74 5.30 0.00	64.28 5.14 0.00	58.97 4.42 0.00	60.78 4.61 0.00	64.59 5.17 -0.01	61.10 4.42 0.00	69.19 5.83 0.00	70.91 6.03 0.00	64.81 5.07 0.00	64.61 5.66 0.00	61.35 4.70 0.00	60.07 4.45 0.00	59.98 4.75 0.00	61.07 5.45 0.00	70.19 6.84 -0.01	97.15 7.53 -20.51	100.47 9.95 -0.03	96.95 9.37 -0.02	96.59 7.62 -16.41	89.14 7.77 -8.81	88.57 6.94 -14.87	74.25 6.56 -0.01	72.18 5.90 0.00
HOLTSVILLE_IC_6 23695	85.17 7.46 0.00	71.13 5.69 0.00	64.64 5.50 0.00	59.30 4.74 0.00	61.12 4.94 0.00	64.95 5.53 -0.01	61.38 4.70 0.00	69.57 6.21 0.00	71.30 6.42 0.00	65.11 5.38 0.00	64.96 6.02 0.00	61.63 4.99 0.00	60.40 4.78 0.00	60.31 5.08 0.00	61.46 5.84 0.00	70.63 7.28 -20.63	97.83 8.08 -0.03	101.19 10.67 -0.03	97.73 10.15 -0.02	97.27 8.20 -16.51	89.77 8.34 -8.86	89.20 7.48 -14.96	74.73 7.04 -0.01	72.64 6.36 0.00
HOLTSVILLE_IC_7 23696	85.17 7.46 0.00	71.13 5.69 0.00	64.64 5.50 0.00	59.30 4.74 0.00	61.12 4.94 0.00	64.95 5.53 -0.01	61.38 4.70 0.00	69.57 6.21 0.00	71.30 6.42 0.00	65.11 5.38 0.00	64.96 6.02 0.00	61.63 4.99 0.00	60.40 4.78 0.00	60.31 5.08 0.00	61.46 5.84 0.00	70.63 7.28 -20.63	97.83 8.08 -0.03	101.19 10.67 -0.03	97.73 10.15 -0.02	97.27 8.20 -16.51	89.77 8.34 -8.86	89.20 7.48 -14.96	74.73 7.04 -0.01	72.64 6.36 0.00
HOLTSVILLE_IC_8 23697	85.17 7.46 0.00	71.13 5.69 0.00	64.64 5.50 0.00	59.30 4.74 0.00	61.12 4.94 0.00	64.95 5.53 -0.01	61.38 4.70 0.00	69.57 6.21 0.00	71.30 6.42 0.00	65.11 5.38 0.00	64.96 6.02 0.00	61.63 4.99 0.00	60.40 4.78 0.00	60.31 5.08 0.00	61.46 5.84 0.00	70.63 7.28 -20.63	97.83 8.08 -0.03	101.19 10.67 -0.03	97.73 10.15 -0.02	97.27 8.20 -16.51	89.77 8.34 -8.86	89.20 7.48 -14.96	74.73 7.04 -0.01	72.64 6.36 0.00
HOLTSVILLE_IC_9 23698	85.17 7.46 0.00	71.13 5.69 0.00	64.64 5.50 0.00	59.30 4.74 0.00	61.12 4.94 0.00	64.95 5.53 -0.01	61.38 4.70 0.00	69.57 6.21 0.00	71.30 6.42 0.00	65.11 5.38 0.00	64.96 6.02 0.00	61.63 4.99 0.00	60.40 4.78 0.00	60.31 5.08 0.00	61.46 5.84 0.00	70.63 7.28 -20.63	97.83 8.08 -0.03	101.19 10.67 -0.03	97.73 10.15 -0.02	97.27 8.20 -16.51	89.77 8.34 -8.86	89.20 7.48 -14.96	74.73 7.04 -0.01	72.64 6.36 0.00
HOMER_HL_115KV_TB2 355744	76.54 -1.17 0.00	64.65 -0.79 0.00	58.55 -0.59 0.00	54.01 -0.55 0.00	56.00 -0.17 0.00	58.94 -0.48 0.00	56.11 -0.57 0.00	60.95 -2.41 0.00	62.15 -2.72 0.00	57.35 -2.39 0.00	56.77 -2.18 0.00	54.15 -2.49 0.00	53.17 -2.45 0.00	53.02 -2.21 0.00	53.28 -2.34 0.00	61.00 -2.34 0.00	65.86 -3.25 0.00	86.86 -3.62 0.00	84.40 -3.15 0.00	70.02 -2.54 0.00	70.02 -2.54 0.00	64.82 -1.94 0.00	66.73 -0.95 0.00	66.15 -0.13 0.00
HOWARD_WT_PWR 323690	78.56 0.86 0.00	66.29 0.85 0.00	59.97 0.83 0.00	55.21 0.66 0.00	57.30 1.12 0.00	60.36 0.95 0.00	57.47 0.79 0.00	63.24 -0.13 0.00	64.36 -0.52 0.00	59.25 -0.48 0.00	58.47 -0.47 0.00	55.74 -0.91 0.00	54.73 -0.89 0.00	54.34 -0.89 0.00	54.79 -0.83 0.00	63.02 -0.32 0.00	68.42 -0.69 0.00	90.21 -0.27 0.00	87.73 0.18 0.00	72.86 0.29 0.00	72.71 0.15 0.00	67.29 0.53 0.00	68.76 1.08 0.00	67.68 1.39 0.00

HQ_GEN_CEDARS 23644	77.55 -0.16 0.00	65.96 0.52 0.00	59.61 0.47 0.00	55.21 0.65 0.00	56.62 0.45 0.00	59.83 0.42 0.00	56.85 0.17 0.00	63.68 0.32 0.00	64.94 0.06 0.00	59.85 0.12 0.00	59.12 0.18 0.00	56.93 0.28 0.00	56.01 0.39 0.00	55.56 0.33 0.00	55.84 0.22 0.00	63.34 0.00 0.00	69.04 -0.07 0.00	89.94 -0.54 0.00	86.86 -0.70 0.00	72.35 -0.22 0.00	72.35 -0.22 0.00	66.83 0.07 0.00	68.02 0.34 0.00	66.94 0.66 0.00
HQ_GEN_CEDARS_PROXY 323590	77.55 -0.16 0.00	65.96 0.52 0.00	59.61 0.47 0.00	55.21 0.66 0.00	56.62 0.45 0.00	59.84 0.42 0.00	56.85 0.17 0.00	63.68 0.32 0.00	64.94 0.06 0.00	59.85 0.12 0.00	59.13 0.18 0.00	56.93 0.28 0.00	55.96 0.34 0.00	55.51 0.28 0.00	55.79 0.17 0.00	63.47 0.13 0.00	69.04 -0.07 0.00	89.94 -0.54 0.00	86.85 -0.70 0.00	72.28 -0.29 0.00	72.35 -0.22 0.00	66.83 0.07 0.00	67.82 0.14 0.00	66.81 0.53 0.00
HQ_GEN_IMPORT 323601	77.24 -0.46 0.00	65.31 -0.13 0.00	58.96 -0.18 0.00	54.61 0.05 0.00	56.01 -0.17 0.00	59.24 -0.18 0.00	56.40 -0.28 0.00	63.05 -0.32 0.00	64.49 -0.39 0.00	59.44 -0.30 0.00	58.65 -0.29 0.00	56.42 -0.23 0.00	55.45 -0.17 0.00	55.01 -0.22 0.00	55.34 -0.28 0.00	62.96 -0.38 0.00	68.63 -0.48 0.00	89.67 -0.82 0.00	86.68 -0.88 0.00	71.98 -0.58 0.00	71.98 -0.58 0.00	66.30 -0.46 0.00	67.28 -0.40 0.00	66.02 -0.26 0.00
HQ_GEN_WHEEL 23651	77.24 -0.46 0.00	65.31 -0.13 0.00	58.96 -0.18 0.00	54.61 0.05 0.00	56.01 -0.17 0.00	59.24 -0.18 0.00	56.40 -0.28 0.00	63.05 -0.32 0.00	64.49 -0.39 0.00	59.44 -0.30 0.00	58.65 -0.29 0.00	56.42 -0.23 0.00	55.45 -0.17 0.00	55.01 -0.22 0.00	55.34 -0.28 0.00	62.96 -0.38 0.00	68.63 -0.48 0.00	89.67 -0.82 0.00	86.68 -0.88 0.00	71.98 -0.58 0.00	71.98 -0.58 0.00	66.30 -0.46 0.00	67.28 -0.40 0.00	66.02 -0.26 0.00
HUDSON AVE_GT_3 23810	81.51 3.81 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
HUDSON AVE_GT_4 23540	81.51 3.81 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
HUDSON AVE_GT_5 23657	81.51 3.81 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
HUDSON_AVE_10 24168	81.28 3.57 0.00	67.99 2.55 0.00	61.45 2.31 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.00	59.23 2.55 0.00	66.53 3.17 0.00	68.38 3.50 0.00	63.08 3.35 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	67.01 3.67 0.00	73.33 4.22 0.00	95.91 5.43 0.00	92.63 5.08 0.00	76.63 4.06 0.00	76.77 4.21 0.00	70.30 3.54 0.00	70.73 3.05 0.00	69.00 2.72 0.00
HUDSON___115KV_TB 4 355613	82.68 4.97 0.00	69.37 3.93 0.00	62.69 3.55 0.00	57.56 3.00 0.00	59.43 3.26 0.00	62.98 3.56 0.00	60.02 3.34 0.00	67.04 3.67 0.00	68.96 4.09 0.00	62.90 3.17 0.00	61.90 2.95 0.00	59.42 2.78 0.00	58.23 2.61 0.00	57.77 2.54 0.00	58.40 2.78 0.00	66.38 3.04 0.00	72.64 3.52 0.00	95.19 4.71 0.00	92.11 4.55 0.00	76.27 3.70 0.00	76.19 3.63 0.00	70.03 3.27 0.00	70.73 3.05 0.00	69.13 2.85 0.00
HUNTER MOUNT___DRP 323613	83.38 5.67 0.00	69.96 4.52 0.00	63.22 4.08 0.00	57.99 3.44 0.00	59.94 3.76 0.00	63.52 4.10 0.00	60.47 3.80 0.00	67.48 4.12 0.00	69.55 4.67 0.00	63.38 3.64 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.73 3.11 0.00	66.89 3.55 0.00	73.26 4.15 0.00	96.09 5.61 0.00	92.98 5.43 0.00	77.06 4.50 0.00	76.92 4.35 0.00	70.70 3.94 0.00	71.40 3.72 0.00	69.86 3.58 0.00
HUNTINGTON_RES_REC 323705	83.92 6.22 0.00	70.09 4.65 0.00	63.63 4.49 0.00	58.43 3.87 0.00	60.22 4.05 0.00	63.94 4.51 -0.01	60.58 3.91 0.00	68.62 5.26 0.00	70.39 5.51 0.00	64.33 4.60 0.00	64.07 5.13 0.00	60.90 4.25 0.00	59.68 4.06 0.00	59.48 4.25 0.00	60.57 4.95 0.00	69.56 6.21 -0.01	96.73 6.91 -20.71	99.47 8.96 -0.03	96.16 8.59 -0.02	96.10 6.97 -16.57	88.57 7.12 -8.89	88.12 6.35 -15.01	73.57 5.89 -0.01	71.45 5.17 0.00
HUNTLEY___63 23557	73.74 -3.96 0.00	62.63 -2.81 0.00	56.71 -2.42 0.00	52.32 -2.24 0.00	54.32 -1.85 0.00	57.04 -2.38 0.00	53.96 -2.72 0.00	58.23 -5.13 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.23 -4.72 0.00	51.72 -4.93 0.00	50.84 -4.78 0.00	50.76 -4.47 0.00	51.00 -4.62 0.00	58.34 -5.00 0.00	62.48 -6.63 0.00	82.61 -7.87 0.00	80.46 -7.09 0.00	66.83 -5.73 0.00	66.90 -5.66 0.00	61.95 -4.81 0.00	64.43 -3.25 0.00	63.76 -2.52 0.00
HUNTLEY___64 23558	73.74 -3.96 0.00	62.63 -2.81 0.00	56.71 -2.42 0.00	52.32 -2.24 0.00	54.32 -1.85 0.00	57.04 -2.38 0.00	53.96 -2.72 0.00	58.23 -5.13 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.23 -4.72 0.00	51.72 -4.93 0.00	50.84 -4.78 0.00	50.76 -4.47 0.00	51.00 -4.62 0.00	58.34 -5.00 0.00	62.48 -6.63 0.00	82.61 -7.87 0.00	80.46 -7.09 0.00	66.83 -5.73 0.00	66.90 -5.66 0.00	61.95 -4.81 0.00	64.43 -3.25 0.00	63.76 -2.52 0.00
HUNTLEY___65 23559	73.74 -3.96 0.00	62.63 -2.81 0.00	56.71 -2.42 0.00	52.32 -2.24 0.00	54.32 -1.85 0.00	57.04 -2.38 0.00	53.96 -2.72 0.00	58.23 -5.13 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.23 -4.72 0.00	51.72 -4.93 0.00	50.84 -4.78 0.00	50.76 -4.47 0.00	51.00 -4.62 0.00	58.34 -5.00 0.00	62.48 -6.63 0.00	82.61 -7.87 0.00	80.46 -7.09 0.00	66.83 -5.73 0.00	66.90 -5.66 0.00	61.95 -4.81 0.00	64.43 -3.25 0.00	63.76 -2.52 0.00
HUNTLEY___66 23560	73.74 -3.96 0.00	62.63 -2.81 0.00	56.71 -2.42 0.00	52.32 -2.24 0.00	54.32 -1.85 0.00	57.04 -2.38 0.00	53.96 -2.72 0.00	58.23 -5.13 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.23 -4.72 0.00	51.72 -4.93 0.00	50.84 -4.78 0.00	50.76 -4.47 0.00	51.00 -4.62 0.00	58.34 -5.00 0.00	62.48 -6.63 0.00	82.61 -7.87 0.00	80.46 -7.09 0.00	66.83 -5.73 0.00	66.90 -5.66 0.00	61.95 -4.81 0.00	64.43 -3.25 0.00	63.76 -2.52 0.00



HUNTLEY___67 23561	73.59 -4.12 0.00	62.43 -3.01 0.00	56.54 -2.60 0.00	52.15 -2.40 0.00	54.09 -2.08 0.00	56.86 -2.55 0.00	53.84 -2.83 0.00	58.17 -5.20 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.17 -4.77 0.00	51.66 -4.98 0.00	50.84 -4.78 0.00	50.70 -4.53 0.00	50.95 -4.67 0.00	58.27 -5.07 0.00	62.48 -6.63 0.00	82.61 -7.87 0.00	80.46 -7.09 0.00	66.83 -5.73 0.00	66.83 -5.73 0.00	61.95 -4.81 0.00	64.36 -3.32 0.00	63.70 -2.58 0.00
HUNTLEY___68 23562	73.59 -4.12 0.00	62.43 -3.01 0.00	56.54 -2.60 0.00	52.15 -2.40 0.00	54.09 -2.08 0.00	56.86 -2.55 0.00	53.84 -2.83 0.00	58.17 -5.20 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.17 -4.77 0.00	51.66 -4.98 0.00	50.84 -4.78 0.00	50.70 -4.53 0.00	50.95 -4.67 0.00	58.27 -5.07 0.00	62.48 -6.63 0.00	82.61 -7.87 0.00	80.46 -7.09 0.00	66.83 -5.73 0.00	66.83 -5.73 0.00	61.95 -4.81 0.00	64.36 -3.32 0.00	63.70 -2.58 0.00
HYLAND___LFGE 323620	76.69 -1.01 0.00	64.66 -0.78 0.00	58.55 -0.59 0.00	53.79 -0.76 0.00	55.95 -0.22 0.00	59.12 -0.30 0.00	56.11 -0.57 0.00	62.16 -1.21 0.00	63.19 -1.69 0.00	58.12 -1.61 0.00	57.12 -1.83 0.00	54.49 -2.15 0.00	53.39 -2.23 0.00	53.02 -2.21 0.00	53.56 -2.06 0.00	62.01 -1.33 0.00	67.45 -1.66 0.00	89.03 -1.45 0.00	86.42 -1.14 0.00	71.62 -0.95 0.00	71.55 -1.02 0.00	65.96 -0.80 0.00	67.34 -0.34 0.00	66.02 -0.26 0.00
INDECK___CORINTH 23802	82.99 5.29 0.00	69.43 3.99 0.00	62.87 3.73 0.00	57.66 3.11 0.00	59.60 3.43 0.00	63.16 3.75 0.00	60.31 3.63 0.00	67.29 3.93 0.00	69.16 4.28 0.00	63.50 3.77 0.00	62.48 3.54 0.00	59.87 3.23 0.00	58.62 3.00 0.00	58.15 2.93 0.00	58.73 3.11 0.00	67.40 4.06 0.00	73.82 4.70 0.00	97.00 6.52 0.00	94.03 6.48 0.00	77.64 5.08 0.00	77.64 5.08 0.00	71.17 4.41 0.00	72.08 4.40 0.00	70.39 4.11 0.00
INDECK___ILION 23567	80.04 2.33 0.00	67.34 1.90 0.00	60.85 1.72 0.00	56.08 1.53 0.00	57.80 1.63 0.00	61.14 1.72 0.00	58.32 1.64 0.00	65.26 1.90 0.00	66.82 1.95 0.00	61.53 1.79 0.00	60.72 1.77 0.00	58.29 1.64 0.00	57.18 1.56 0.00	56.78 1.55 0.00	57.18 1.56 0.00	65.18 1.84 0.00	71.19 2.07 0.00	93.29 2.81 0.00	90.27 2.71 0.00	74.81 2.25 0.00	74.81 2.25 0.00	68.76 2.00 0.00	69.64 1.96 0.00	68.14 1.86 0.00
INDECK___OLEAN 23982	76.54 -1.16 0.00	64.72 -0.72 0.00	58.55 -0.59 0.00	54.01 -0.55 0.00	56.01 -0.17 0.00	58.94 -0.48 0.00	56.11 -0.57 0.00	60.95 -2.41 0.00	62.16 -2.72 0.00	57.34 -2.39 0.00	56.77 -2.18 0.00	54.15 -2.49 0.00	53.23 -2.39 0.00	53.07 -2.15 0.00	53.29 -2.33 0.00	61.00 -2.34 0.00	65.80 -3.32 0.00	86.86 -3.62 0.00	84.41 -3.15 0.00	70.02 -2.54 0.00	70.10 -2.47 0.00	64.82 -1.94 0.00	66.67 -1.01 0.00	66.15 -0.13 0.00
INDECK___OSWEGO 23783	74.67 -3.03 0.00	63.41 -2.03 0.00	57.24 -1.89 0.00	52.76 -1.80 0.00	54.49 -1.68 0.00	57.57 -1.84 0.00	54.92 -1.76 0.00	61.40 -1.96 0.00	62.80 -2.08 0.00	57.88 -1.85 0.00	57.12 -1.83 0.00	54.78 -1.87 0.00	53.79 -1.83 0.00	53.41 -1.82 0.00	53.79 -1.83 0.00	61.50 -1.84 0.00	67.04 -2.07 0.00	87.95 -2.53 0.00	85.20 -2.36 0.00	70.53 -2.03 0.00	70.53 -2.03 0.00	64.89 -1.87 0.00	65.86 -1.82 0.00	64.36 -1.92 0.00
INDECK___YERKES 23781	73.82 -3.88 0.00	62.69 -2.75 0.00	56.77 -2.37 0.00	52.32 -2.24 0.00	54.32 -1.85 0.00	57.10 -2.32 0.00	54.01 -2.66 0.00	58.29 -5.07 0.00	59.36 -5.51 0.00	54.78 -4.96 0.00	54.23 -4.72 0.00	51.77 -4.87 0.00	50.89 -4.73 0.00	50.76 -4.47 0.00	51.00 -4.62 0.00	58.40 -4.94 0.00	62.55 -6.57 0.00	82.70 -7.78 0.00	80.47 -7.09 0.00	66.83 -5.73 0.00	66.90 -5.66 0.00	62.02 -4.74 0.00	64.37 -3.31 0.00	63.83 -2.45 0.00
INDIAN POINT_GT_1 24139	81.20 3.50 0.00	68.06 2.62 0.00	61.50 2.37 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.67 2.26 0.00	59.06 2.38 0.00	66.28 2.91 0.00	68.19 3.31 0.00	62.78 3.05 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.98 3.87 0.00	95.55 5.07 0.00	92.28 4.73 0.00	76.41 3.85 0.00	76.48 3.92 0.00	70.17 3.40 0.00	70.66 2.98 0.00	68.93 2.65 0.00
INDIAN POINT_GT_2 23659	81.20 3.50 0.00	68.06 2.62 0.00	61.50 2.37 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.67 2.26 0.00	59.06 2.38 0.00	66.28 2.91 0.00	68.19 3.31 0.00	62.78 3.05 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.98 3.87 0.00	95.55 5.07 0.00	92.28 4.73 0.00	76.41 3.85 0.00	76.48 3.92 0.00	70.17 3.40 0.00	70.66 2.98 0.00	68.93 2.65 0.00
INDIAN POINT_GT_3 24019	81.20 3.50 0.00	68.06 2.62 0.00	61.50 2.37 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.67 2.26 0.00	59.06 2.38 0.00	66.28 2.91 0.00	68.19 3.31 0.00	62.78 3.05 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.70 3.36 0.00	72.98 3.87 0.00	95.55 5.07 0.00	92.28 4.73 0.00	76.41 3.85 0.00	76.48 3.92 0.00	70.17 3.40 0.00	70.66 2.98 0.00	68.93 2.65 0.00
INDIAN POINT___2 23530	80.97 3.26 0.00	67.86 2.42 0.00	61.33 2.19 0.00	56.41 1.86 0.00	58.14 1.97 0.00	61.49 2.08 0.00	58.95 2.27 0.00	66.15 2.78 0.00	67.99 3.11 0.00	62.60 2.87 0.00	61.72 2.77 0.00	59.20 2.55 0.00	58.06 2.44 0.00	57.66 2.43 0.00	58.29 2.67 0.00	66.44 3.10 0.00	72.77 3.66 0.00	95.28 4.79 0.00	92.11 4.55 0.00	76.19 3.63 0.00	76.26 3.70 0.00	69.97 3.20 0.00	70.65 2.97 0.00	68.86 2.58 0.00
INDIAN POINT___3 23531	81.05 3.34 0.00	67.93 2.49 0.00	61.39 2.25 0.00	56.46 1.91 0.00	58.20 2.02 0.00	61.56 2.14 0.00	59.00 2.32 0.00	66.15 2.79 0.00	68.06 3.18 0.00	62.66 2.93 0.00	61.78 2.83 0.00	59.25 2.61 0.00	58.07 2.45 0.00	57.60 2.37 0.00	58.23 2.61 0.00	66.57 3.23 0.00	72.85 3.73 0.00	95.37 4.89 0.00	92.11 4.55 0.00	76.27 3.70 0.00	76.34 3.77 0.00	70.03 3.27 0.00	70.52 2.84 0.00	68.80 2.52 0.00
INGHAM_C_115KV_TB7 356103	82.21 4.51 0.00	69.17 3.73 0.00	62.51 3.37 0.00	57.61 3.06 0.00	59.38 3.20 0.00	62.80 3.39 0.00	59.85 3.17 0.00	66.97 3.61 0.00	68.51 3.63 0.00	63.08 3.35 0.00	62.25 3.30 0.00	59.76 3.12 0.00	58.62 3.00 0.00	58.21 2.98 0.00	58.57 2.95 0.00	66.82 3.48 0.00	72.91 3.80 0.00	95.55 5.07 0.00	92.55 4.99 0.00	76.70 4.14 0.00	76.77 4.21 0.00	70.50 3.74 0.00	71.40 3.72 0.00	69.86 3.58 0.00
IP CORINTH___1 23988	82.99 5.28 0.00	69.43 3.99 0.00	62.86 3.73 0.00	57.67 3.11 0.00	59.60 3.43 0.00	63.16 3.74 0.00	60.30 3.63 0.00	67.29 3.93 0.00	69.16 4.28 0.00	63.50 3.76 0.00	62.48 3.54 0.00	59.87 3.23 0.00	58.57 2.95 0.00	58.10 2.87 0.00	58.68 3.06 0.00	67.39 4.05 0.00	73.81 4.70 0.00	97.00 6.51 0.00	94.03 6.48 0.00	77.64 5.08 0.00	77.64 5.08 0.00	71.17 4.41 0.00	72.01 4.33 0.00	70.39 4.11 0.00

IP__TICONDEROGA 23804	86.49 8.78 0.00	72.18 6.74 0.00	65.41 6.27 0.00	59.79 5.24 0.00	61.96 5.79 0.00	65.77 6.36 0.00	62.68 6.01 0.00	69.70 6.34 0.00	71.82 6.94 0.00	65.83 6.09 0.00	64.67 5.72 0.00	61.80 5.15 0.00	60.35 4.73 0.00	59.87 4.64 0.00	60.57 4.95 0.00	69.99 6.65 0.00	76.72 7.60 0.00	101.16 10.68 0.00	98.33 10.77 0.00	80.84 8.27 0.00	80.91 8.34 0.00	74.04 7.28 0.00	74.92 7.24 0.00	73.17 6.89 0.00
ISLIP_RES_REC 323679	85.55 7.84 0.00	71.39 5.95 0.00	64.87 5.73 0.00	59.52 4.96 0.00	61.34 5.16 0.00	65.25 5.83 -0.01	61.61 4.93 0.00	69.83 6.47 0.00	71.56 6.68 0.00	65.35 5.61 0.00	65.26 6.31 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.68 6.06 0.00	70.94 7.60 -0.01	98.33 8.50 -20.72	101.73 11.22 -0.03	98.16 10.59 -0.02	97.70 8.56 -16.57	90.17 8.70 -8.90	89.65 7.87 -15.02	75.07 7.38 -0.01	72.91 6.63 0.00
JAMAICA__27_KV_LOAD 355505	81.36 3.65 0.00	67.99 2.55 0.00	61.39 2.25 0.00	56.52 1.96 0.00	58.20 2.02 0.00	61.61 2.20 0.00	59.28 2.61 0.00	66.66 3.29 0.00	68.58 3.70 0.00	63.32 3.58 0.00	62.37 3.42 0.00	59.82 3.17 0.00	58.62 3.00 0.00	58.10 2.87 0.00	58.79 3.17 0.00	67.27 3.93 0.00	73.67 4.56 0.00	96.37 5.88 0.00	93.07 5.52 0.00	76.99 4.43 0.00	77.14 4.57 0.00	70.57 3.81 0.00	70.93 3.25 0.00	69.13 2.85 0.00
JANIS__SOLAR 323808	82.13 4.43 0.00	69.10 3.66 0.00	62.39 3.25 0.00	57.44 2.89 0.00	59.49 3.31 0.00	62.86 3.44 0.00	59.96 3.29 0.00	67.36 3.99 0.00	68.51 3.63 0.00	63.02 3.28 0.00	61.89 2.95 0.00	59.02 2.38 0.00	57.85 2.23 0.00	57.44 2.21 0.00	57.90 2.28 0.00	66.76 3.42 0.00	73.19 4.08 0.00	96.28 5.80 0.00	93.59 6.04 0.00	77.43 4.86 0.00	77.28 4.71 0.00	70.97 4.21 0.00	71.95 4.27 0.00	70.26 3.98 0.00
JARVIS____ 23743	78.25 0.55 0.00	65.83 0.40 0.00	59.50 0.36 0.00	54.83 0.27 0.00	56.51 0.34 0.00	59.77 0.36 0.00	57.02 0.34 0.00	63.81 0.45 0.00	65.33 0.46 0.00	60.16 0.42 0.00	59.36 0.42 0.00	56.99 0.34 0.00	55.96 0.34 0.00	55.56 0.33 0.00	55.96 0.34 0.00	63.72 0.38 0.00	69.60 0.49 0.00	91.20 0.72 0.00	88.25 0.70 0.00	73.08 0.51 0.00	73.08 0.51 0.00	67.16 0.40 0.00	68.16 0.48 0.00	66.68 0.40 0.00
JENNISON__1 23625	82.99 5.28 0.00	69.82 4.38 0.00	63.10 3.96 0.00	58.10 3.55 0.00	60.11 3.93 0.00	63.46 4.04 0.00	60.53 3.85 0.00	67.92 4.56 0.00	69.16 4.28 0.00	63.62 3.88 0.00	62.54 3.60 0.00	59.65 3.00 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.46 2.84 0.00	67.27 3.93 0.00	73.81 4.70 0.00	97.18 6.70 0.00	94.39 6.83 0.00	78.15 5.59 0.00	78.08 5.51 0.00	71.57 4.81 0.00	72.69 5.01 0.00	70.92 4.64 0.00
JENNISON__2 23626	82.99 5.28 0.00	69.82 4.38 0.00	63.10 3.96 0.00	58.10 3.55 0.00	60.11 3.93 0.00	63.46 4.04 0.00	60.53 3.85 0.00	67.92 4.56 0.00	69.16 4.28 0.00	63.62 3.88 0.00	62.54 3.60 0.00	59.65 3.00 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.46 2.84 0.00	67.27 3.93 0.00	73.81 4.70 0.00	97.18 6.70 0.00	94.39 6.83 0.00	78.15 5.59 0.00	78.08 5.51 0.00	71.57 4.81 0.00	72.69 5.01 0.00	70.92 4.64 0.00
JERICHO_RISE_WT_PWR 323719	78.10 0.39 0.00	66.42 0.98 0.00	59.97 0.83 0.00	55.59 1.03 0.00	56.96 0.79 0.00	60.25 0.83 0.00	57.13 0.45 0.00	63.74 0.38 0.00	65.01 0.13 0.00	60.16 0.42 0.00	59.42 0.47 0.00	57.21 0.57 0.00	56.18 0.56 0.00	55.73 0.50 0.00	56.06 0.44 0.00	63.66 0.32 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	86.85 -0.70 0.00	72.28 -0.29 0.00	72.35 -0.22 0.00	66.83 0.07 0.00	67.75 0.07 0.00	66.94 0.66 0.00
KATONAH__115KV_46KV_TB4 355592	82.37 4.66 0.00	68.97 3.53 0.00	62.33 3.19 0.00	57.28 2.73 0.00	59.04 2.86 0.00	62.45 3.03 0.00	59.85 3.17 0.00	67.10 3.74 0.00	69.09 4.22 0.00	63.68 3.94 0.00	62.78 3.83 0.00	60.21 3.57 0.00	58.90 3.28 0.00	58.38 3.15 0.00	59.01 3.39 0.00	67.52 4.18 0.00	74.09 4.98 0.00	97.00 6.51 0.00	93.77 6.22 0.00	77.57 5.01 0.00	77.72 5.15 0.00	71.30 4.54 0.00	71.74 4.06 0.00	69.86 3.58 0.00
KCE_NY_1 323755	82.68 4.98 0.00	69.30 3.86 0.00	62.69 3.55 0.00	57.55 3.00 0.00	59.43 3.26 0.00	62.92 3.50 0.00	60.08 3.40 0.00	67.04 3.67 0.00	68.84 3.96 0.00	63.26 3.52 0.00	62.25 3.30 0.00	59.76 3.11 0.00	58.57 2.95 0.00	58.15 2.93 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.40 4.29 0.00	96.36 5.88 0.00	93.42 5.87 0.00	77.21 4.65 0.00	77.21 4.65 0.00	70.90 4.14 0.00	71.81 4.13 0.00	70.12 3.84 0.00
KCE_NY_6_ESR 323823	74.83 -2.87 0.00	63.41 -2.03 0.00	57.42 -1.72 0.00	52.97 -1.58 0.00	54.94 -1.24 0.00	57.75 -1.66 0.00	54.81 -1.87 0.00	59.24 -4.12 0.00	60.40 -4.48 0.00	55.73 -4.00 0.00	55.17 -3.77 0.00	52.63 -4.02 0.00	51.73 -3.89 0.00	51.64 -3.59 0.00	51.89 -3.73 0.00	59.35 -3.99 0.00	63.72 -5.39 0.00	84.24 -6.24 0.00	81.95 -5.61 0.00	68.07 -4.50 0.00	68.14 -4.43 0.00	63.09 -3.67 0.00	65.38 -2.30 0.00	64.76 -1.52 0.00
KEDC_PORT_JEFF_GT2 24210	85.09 7.39 0.00	71.07 5.63 0.00	64.52 5.38 0.00	59.25 4.69 0.00	61.06 4.88 0.00	64.89 5.46 -0.01	61.33 4.65 0.00	69.51 6.14 0.00	71.24 6.36 0.00	65.05 5.31 0.00	64.90 5.95 0.00	61.63 4.99 0.00	60.35 4.73 0.00	60.25 5.03 0.00	61.40 5.78 0.00	70.56 7.22 -0.01	97.72 8.01 -20.60	101.09 10.58 -0.03	97.55 9.98 -0.02	97.17 8.13 -16.48	89.68 8.27 -8.85	89.10 7.41 -14.93	74.66 6.97 -0.01	72.51 6.23 0.00
KEDC_PORT_JEFF_GT3 24211	85.09 7.39 0.00	71.07 5.63 0.00	64.52 5.38 0.00	59.25 4.69 0.00	61.06 4.88 0.00	64.89 5.46 -0.01	61.33 4.65 0.00	69.51 6.14 0.00	71.24 6.36 0.00	65.05 5.31 0.00	64.90 5.95 0.00	61.63 4.99 0.00	60.35 4.73 0.00	60.25 5.03 0.00	61.40 5.78 0.00	70.56 7.22 -0.01	97.72 8.01 -20.60	101.09 10.58 -0.03	97.55 9.98 -0.02	97.17 8.13 -16.48	89.68 8.27 -8.85	89.10 7.41 -14.93	74.66 6.97 -0.01	72.51 6.23 0.00
KEDC_GLWD_GT4 24219	82.05 4.35 0.00	68.91 3.47 0.00	62.63 3.49 0.00	57.55 3.00 0.00	59.32 3.14 0.00	62.88 3.44 -0.02	59.96 3.29 0.00	67.54 4.18 0.00	69.35 4.47 0.00	63.68 3.94 0.00	62.60 3.66 0.00	59.82 3.17 0.00	58.68 3.06 0.00	58.32 3.09 0.00	59.13 3.51 0.00	67.65 4.31 0.00	107.41 4.84 -33.46	96.84 6.33 -0.02	93.53 5.96 -0.02	104.13 4.79 -26.77	91.87 4.94 -14.37	95.36 4.34 -24.26	71.74 4.06 0.00	69.79 3.51 0.00
KEDC_GLWD_GT5 24220	82.05 4.35 0.00	68.91 3.47 0.00	62.63 3.49 0.00	57.55 3.00 0.00	59.32 3.14 0.00	62.88 3.44 -0.02	59.96 3.29 0.00	67.54 4.18 0.00	69.35 4.47 0.00	63.68 3.94 0.00	62.60 3.66 0.00	59.82 3.17 0.00	58.68 3.06 0.00	58.32 3.09 0.00	59.13 3.51 0.00	67.65 4.31 0.00	107.41 4.84 -33.46	96.84 6.33 -0.02	93.53 5.96 -0.02	104.13 4.79 -26.77	91.87 4.94 -14.37	95.36 4.34 -24.26	71.74 4.06 0.00	69.79 3.51 0.00

KENSICO____ 23655	81.51 3.81 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.91 2.50 0.00	59.28 2.61 0.00	66.53 3.17 0.00	68.45 3.57 0.00	63.02 3.29 0.00	62.13 3.18 0.00	59.59 2.95 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.26 4.15 0.00	95.91 5.43 0.00	92.63 5.08 0.00	76.70 4.14 0.00	76.77 4.21 0.00	70.37 3.61 0.00	70.86 3.18 0.00	69.20 2.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	82.99 5.28 0.00	69.50 4.06 0.00	62.75 3.61 0.00	57.67 3.11 0.00	59.49 3.31 0.00	62.98 3.56 0.00	60.13 3.46 0.00	67.48 4.12 0.00	69.61 4.74 0.00	63.80 4.06 0.00	62.78 3.83 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.43 3.20 0.00	59.12 3.50 0.00	67.77 4.43 0.00	74.57 5.46 0.00	97.63 7.15 0.00	94.30 6.74 0.00	78.08 5.51 0.00	78.15 5.59 0.00	71.70 4.94 0.00	72.15 4.47 0.00	70.46 4.18 0.00
KIAC_JFK_GT1 23816	80.50 2.80 0.00	67.27 1.83 0.00	60.79 1.66 0.00	55.92 1.36 0.00	57.63 1.46 0.00	61.02 1.60 0.00	58.66 1.98 0.00	66.02 2.66 0.00	67.93 3.05 0.00	62.66 2.93 0.00	61.72 2.77 0.00	59.25 2.61 0.00	58.01 2.39 0.00	57.55 2.32 0.00	58.18 2.56 0.00	66.63 3.29 0.00	72.91 3.80 0.00	95.37 4.89 0.00	92.11 4.55 0.00	76.19 3.63 0.00	76.34 3.77 0.00	69.83 3.07 0.00	70.18 2.50 0.00	68.40 2.12 0.00
KIAC_JFK_GT2 23817	80.50 2.80 0.00	67.27 1.83 0.00	60.79 1.66 0.00	55.92 1.36 0.00	57.63 1.46 0.00	61.02 1.60 0.00	58.66 1.98 0.00	66.02 2.66 0.00	67.93 3.05 0.00	62.66 2.93 0.00	61.72 2.77 0.00	59.25 2.61 0.00	58.01 2.39 0.00	57.55 2.32 0.00	58.18 2.56 0.00	66.63 3.29 0.00	72.91 3.80 0.00	95.37 4.89 0.00	92.11 4.55 0.00	76.19 3.63 0.00	76.34 3.77 0.00	69.83 3.07 0.00	70.18 2.50 0.00	68.40 2.12 0.00
KIAC_JFK____ 323774	80.50 2.79 0.00	67.27 1.83 0.00	60.79 1.65 0.00	55.92 1.36 0.00	57.63 1.46 0.00	61.02 1.60 0.00	58.66 1.98 0.00	66.02 2.66 0.00	67.93 3.05 0.00	62.66 2.93 0.00	61.72 2.77 0.00	59.20 2.55 0.00	58.06 2.44 0.00	57.60 2.37 0.00	58.29 2.67 0.00	66.57 3.23 0.00	72.91 3.80 0.00	95.37 4.88 0.00	92.11 4.55 0.00	76.19 3.63 0.00	76.34 3.77 0.00	69.83 3.07 0.00	70.46 2.78 0.00	68.46 2.18 0.00
KINTIGH____ 23543	73.12 -4.58 0.00	61.97 -3.47 0.00	56.06 -3.08 0.00	51.72 -2.84 0.00	53.59 -2.58 0.00	56.45 -2.97 0.00	53.50 -3.17 0.00	58.17 -5.20 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.11 -4.83 0.00	51.66 -4.98 0.00	50.84 -4.78 0.00	50.59 -4.64 0.00	50.89 -4.73 0.00	58.27 -5.07 0.00	62.62 -6.50 0.00	82.79 -7.69 0.00	80.55 -7.00 0.00	66.83 -5.73 0.00	66.90 -5.66 0.00	61.89 -4.87 0.00	63.96 -3.72 0.00	63.17 -3.12 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	79.49 1.79 0.00	67.93 2.49 0.00	61.27 2.13 0.00	56.79 2.24 0.00	58.20 2.02 0.00	61.61 2.20 0.00	58.21 1.53 0.00	65.26 1.90 0.00	66.05 1.17 0.00	61.35 1.61 0.00	60.48 1.53 0.00	58.29 1.64 0.00	57.29 1.67 0.00	56.83 1.60 0.00	57.12 1.50 0.00	64.42 1.08 0.00	70.22 1.11 0.00	91.12 0.63 0.00	87.91 0.35 0.00	73.29 0.73 0.00	73.36 0.80 0.00	67.90 1.13 0.00	69.44 1.76 0.00	68.87 2.58 0.00
LACHUTE__HYDRO 323717	86.48 8.78 0.00	72.18 6.74 0.00	65.40 6.27 0.00	59.79 5.24 0.00	61.96 5.79 0.00	65.78 6.36 0.00	62.68 6.00 0.00	69.76 6.40 0.00	71.82 6.95 0.00	65.83 6.10 0.00	64.66 5.72 0.00	61.80 5.15 0.00	60.40 4.78 0.00	59.92 4.69 0.00	60.57 4.95 0.00	69.99 6.65 0.00	76.72 7.60 0.00	101.16 10.67 0.00	98.32 10.77 0.00	80.83 8.27 0.00	80.91 8.34 0.00	74.04 7.28 0.00	74.99 7.31 0.00	73.24 6.96 0.00
LAWRNCV_115KV_TB1 80681	77.01 -0.70 0.00	65.57 0.13 0.00	59.20 0.06 0.00	54.88 0.33 0.00	56.23 0.06 0.00	59.36 -0.06 0.00	56.28 -0.40 0.00	63.17 -0.19 0.00	64.36 -0.52 0.00	59.38 -0.36 0.00	58.71 -0.24 0.00	56.59 -0.06 0.00	55.68 0.06 0.00	55.23 0.00 0.00	55.51 -0.11 0.00	62.90 -0.44 0.00	68.49 -0.62 0.00	89.13 -1.36 0.00	86.15 -1.40 0.00	71.69 -0.87 0.00	71.69 -0.87 0.00	66.23 -0.53 0.00	67.55 -0.14 0.00	66.55 0.27 0.00
LEDERLE____ 23769	81.05 3.34 0.00	67.93 2.49 0.00	61.39 2.25 0.00	56.46 1.91 0.00	58.14 1.97 0.00	61.56 2.14 0.00	58.94 2.27 0.00	66.15 2.79 0.00	68.06 3.18 0.00	62.60 2.87 0.00	61.72 2.77 0.00	59.20 2.55 0.00	58.01 2.39 0.00	57.55 2.32 0.00	58.18 2.56 0.00	66.51 3.17 0.00	72.85 3.73 0.00	95.37 4.89 0.00	92.20 4.64 0.00	76.27 3.70 0.00	76.34 3.77 0.00	70.03 3.27 0.00	70.52 2.84 0.00	68.87 2.58 0.00
LIGHTHSE_115KV_TB6 355974	76.31 -1.40 0.00	64.39 -1.05 0.00	58.19 -0.95 0.00	53.57 -0.98 0.00	55.33 -0.84 0.00	58.41 -1.01 0.00	55.60 -1.08 0.00	62.35 -1.01 0.00	63.77 -1.10 0.00	58.78 -0.96 0.00	58.06 -0.88 0.00	55.57 -1.08 0.00	54.56 -1.06 0.00	54.18 -1.05 0.00	54.56 -1.06 0.00	62.52 -0.82 0.00	68.21 -0.90 0.00	89.22 -1.27 0.00	86.51 -1.05 0.00	71.62 -0.94 0.00	71.62 -0.94 0.00	65.96 -0.80 0.00	67.00 -0.68 0.00	65.49 -0.80 0.00
LINDEN COGEN____ 23786	55.70 3.19 25.20	55.61 2.23 12.05	54.43 2.07 6.78	55.94 1.80 0.41	56.01 1.85 2.02	55.72 1.96 5.65	58.94 2.27 0.01	66.21 2.85 0.01	68.05 3.18 0.01	62.71 2.99 0.01	61.78 2.83 0.00	59.25 2.61 0.00	58.13 2.51 0.00	57.72 2.49 0.00	58.34 2.72 0.00	66.56 3.23 0.01	68.21 3.80 4.70	89.68 4.88 5.69	86.41 4.55 5.70	70.45 3.63 5.74	73.63 3.77 2.70	68.21 3.14 1.69	68.21 2.97 2.44	68.73 2.45 0.01
LINDHRST_69_KV_BK1 356055	84.54 6.84 0.00	70.67 5.24 0.00	64.11 4.97 0.00	58.87 4.31 0.00	60.67 4.49 0.00	64.42 4.99 -0.01	61.04 4.36 0.00	69.00 5.64 0.00	70.78 5.90 0.00	64.81 5.08 0.00	64.37 5.42 0.00	61.29 4.64 0.00	59.79 4.17 0.00	59.59 4.36 0.00	60.74 5.12 0.00	70.00 6.65 -0.01	99.06 7.33 -22.62	100.10 9.59 -0.03	96.68 9.11 -0.02	98.06 7.40 -18.10	89.90 7.62 -9.71	89.90 6.74 -16.40	73.98 6.29 -0.01	71.78 5.50 0.00
LIPA_MISC_IPP 23656	85.01 7.30 0.00	71.07 5.63 0.00	64.58 5.44 0.00	59.25 4.69 0.00	61.06 4.89 0.00	64.89 5.47 -0.01	61.27 4.59 0.00	69.44 6.08 0.00	71.24 6.36 0.00	64.99 5.26 0.00	64.72 5.78 0.00	61.57 4.93 0.00	60.01 4.39 0.00	59.92 4.69 0.00	61.18 5.56 0.00	70.69 7.35 -0.01	97.73 8.09 -20.53	101.19 10.68 -0.03	97.64 10.07 -0.02	97.19 8.20 -16.42	89.73 8.34 -8.82	89.19 7.54 -14.88	74.73 7.04 -0.01	72.45 6.16 0.00
LISF__SOLAR 323691	85.24 7.54 0.00	71.20 5.76 0.00	64.70 5.56 0.00	59.41 4.85 0.00	61.23 5.06 0.00	65.07 5.65 -0.01	61.38 4.70 0.00	69.64 6.27 0.00	71.36 6.49 0.00	65.11 5.38 0.00	65.02 6.07 0.00	61.69 5.04 0.00	60.40 4.78 0.00	60.31 5.08 0.00	61.51 5.89 0.00	70.75 7.41 -0.01	97.88 8.22 -20.55	101.46 10.94 -0.03	97.90 10.33 -0.02	97.35 8.34 -16.44	89.88 8.49 -8.83	89.40 7.74 -14.90	74.93 7.25 -0.01	72.78 6.50 0.00

LITTLE FALLS___HYD 24013	82.21 4.51 0.00	69.17 3.73 0.00	62.51 3.37 0.00	57.61 3.06 0.00	59.38 3.20 0.00	62.80 3.39 0.00	59.85 3.17 0.00	66.97 3.61 0.00	68.51 3.63 0.00	63.08 3.35 0.00	62.25 3.30 0.00	59.76 3.12 0.00	58.62 3.00 0.00	58.21 2.98 0.00	58.57 2.95 0.00	66.82 3.48 0.00	72.91 3.80 0.00	95.55 5.07 0.00	92.55 4.99 0.00	76.70 4.14 0.00	76.77 4.21 0.00	70.50 3.74 0.00	71.40 3.72 0.00	69.86 3.58 0.00
LITTLRIV_115KV_TB1 356100	77.86 0.16 0.00	66.29 0.85 0.00	59.85 0.71 0.00	55.48 0.93 0.00	56.90 0.73 0.00	60.01 0.59 0.00	56.90 0.23 0.00	64.00 0.63 0.00	65.20 0.32 0.00	60.09 0.36 0.00	59.36 0.41 0.00	57.21 0.57 0.00	56.29 0.67 0.00	55.84 0.61 0.00	56.12 0.50 0.00	63.66 0.32 0.00	69.39 0.28 0.00	90.30 -0.18 0.00	87.29 -0.26 0.00	72.71 0.15 0.00	72.71 0.15 0.00	67.03 0.27 0.00	68.42 0.74 0.00	67.34 1.06 0.00
LI_NEWBRDGE___DRP 323616	82.68 4.97 0.00	69.17 3.73 0.00	62.75 3.61 0.00	57.67 3.11 0.00	59.38 3.20 0.00	62.99 3.56 -0.01	59.85 3.17 0.00	67.54 4.18 0.00	69.35 4.48 0.00	63.56 3.82 0.00	62.96 4.01 0.00	60.04 3.40 0.00	58.62 3.00 0.00	58.38 3.15 0.00	59.46 3.84 0.00	68.35 5.00 -0.01	93.83 5.39 -19.32	97.56 7.06 -0.02	94.23 6.65 -0.02	93.40 5.37 -15.46	86.53 5.66 -8.30	85.71 4.94 -14.01	72.22 4.53 -0.01	70.13 3.84 0.00
LOCKPORT_115KV_TB60_63_64 80432	72.81 -4.90 0.00	61.78 -3.66 0.00	55.95 -3.19 0.00	51.55 -3.00 0.00	53.53 -2.64 0.00	56.27 -3.15 0.00	53.28 -3.40 0.00	57.47 -5.89 0.00	58.58 -6.29 0.00	54.06 -5.67 0.00	53.52 -5.42 0.00	51.04 -5.61 0.00	50.23 -5.40 0.00	50.09 -5.14 0.00	50.34 -5.28 0.00	57.64 -5.70 0.00	61.79 -7.33 0.00	81.71 -8.78 0.00	79.50 -8.06 0.00	66.03 -6.53 0.00	66.11 -6.46 0.00	61.29 -5.47 0.00	63.62 -4.06 0.00	63.03 -3.25 0.00
LOCKPORT___CC1 323769	72.66 -5.05 0.00	61.64 -3.80 0.00	55.83 -3.31 0.00	51.45 -3.11 0.00	53.42 -2.75 0.00	56.15 -3.27 0.00	53.16 -3.51 0.00	57.34 -6.02 0.00	58.45 -6.42 0.00	53.94 -5.79 0.00	53.40 -5.54 0.00	50.93 -5.72 0.00	50.06 -5.56 0.00	49.98 -5.25 0.00	50.23 -5.39 0.00	57.51 -5.83 0.00	61.58 -7.53 0.00	81.44 -9.05 0.00	79.32 -8.23 0.00	65.82 -6.75 0.00	65.96 -6.60 0.00	61.09 -5.67 0.00	63.42 -4.26 0.00	62.90 -3.38 0.00
LOCKPORT___CC2 323770	72.66 -5.05 0.00	61.64 -3.80 0.00	55.83 -3.31 0.00	51.45 -3.11 0.00	53.42 -2.75 0.00	56.15 -3.27 0.00	53.16 -3.51 0.00	57.34 -6.02 0.00	58.45 -6.42 0.00	53.94 -5.79 0.00	53.40 -5.54 0.00	50.93 -5.72 0.00	50.06 -5.56 0.00	49.98 -5.25 0.00	50.23 -5.39 0.00	57.51 -5.83 0.00	61.58 -7.53 0.00	81.44 -9.05 0.00	79.32 -8.23 0.00	65.82 -6.75 0.00	65.96 -6.60 0.00	61.09 -5.67 0.00	63.42 -4.26 0.00	62.90 -3.38 0.00
LOCKPORT___CC3 323771	72.66 -5.05 0.00	61.64 -3.80 0.00	55.83 -3.31 0.00	51.45 -3.11 0.00	53.42 -2.75 0.00	56.15 -3.27 0.00	53.16 -3.51 0.00	57.34 -6.02 0.00	58.45 -6.42 0.00	53.94 -5.79 0.00	53.40 -5.54 0.00	50.93 -5.72 0.00	50.06 -5.56 0.00	49.98 -5.25 0.00	50.23 -5.39 0.00	57.51 -5.83 0.00	61.58 -7.53 0.00	81.44 -9.05 0.00	79.32 -8.23 0.00	65.82 -6.75 0.00	65.96 -6.60 0.00	61.09 -5.67 0.00	63.42 -4.26 0.00	62.90 -3.38 0.00
LONG_LAKE_PHOENIX 24014	75.45 -2.25 0.00	63.61 -1.83 0.00	57.42 -1.72 0.00	52.92 -1.64 0.00	54.66 -1.52 0.00	57.75 -1.66 0.00	55.15 -1.53 0.00	61.65 -1.71 0.00	63.06 -1.82 0.00	58.12 -1.61 0.00	57.30 -1.65 0.00	54.95 -1.70 0.00	53.95 -1.67 0.00	53.57 -1.66 0.00	54.01 -1.61 0.00	61.76 -1.58 0.00	67.39 -1.73 0.00	88.31 -2.17 0.00	85.63 -1.93 0.00	70.90 -1.67 0.00	70.90 -1.67 0.00	65.23 -1.54 0.00	66.12 -1.56 0.00	64.62 -1.66 0.00
LOVETT___3 23632	80.58 2.88 0.00	67.53 2.09 0.00	61.03 1.89 0.00	56.14 1.58 0.00	57.86 1.69 0.00	61.20 1.78 0.00	58.66 1.98 0.00	65.77 2.41 0.00	67.67 2.79 0.00	62.30 2.57 0.00	61.42 2.48 0.00	58.91 2.27 0.00	57.73 2.11 0.00	57.27 2.04 0.00	57.90 2.28 0.00	66.19 2.85 0.00	72.43 3.32 0.00	94.83 4.34 0.00	91.58 4.03 0.00	75.83 3.27 0.00	75.90 3.34 0.00	69.63 2.87 0.00	70.12 2.44 0.00	68.40 2.12 0.00
LOVETT___4 23642	80.58 2.88 0.00	67.53 2.09 0.00	61.03 1.89 0.00	56.14 1.58 0.00	57.86 1.69 0.00	61.20 1.78 0.00	58.66 1.98 0.00	65.77 2.41 0.00	67.67 2.79 0.00	62.30 2.57 0.00	61.42 2.48 0.00	58.91 2.27 0.00	57.73 2.11 0.00	57.27 2.04 0.00	57.90 2.28 0.00	66.19 2.85 0.00	72.43 3.32 0.00	94.83 4.34 0.00	91.58 4.03 0.00	75.83 3.27 0.00	75.90 3.34 0.00	69.63 2.87 0.00	70.12 2.44 0.00	68.40 2.12 0.00
LOVETT___5 23593	80.58 2.88 0.00	67.53 2.09 0.00	61.03 1.89 0.00	56.14 1.58 0.00	57.86 1.69 0.00	61.20 1.78 0.00	58.66 1.98 0.00	65.77 2.41 0.00	67.67 2.79 0.00	62.30 2.57 0.00	61.42 2.48 0.00	58.91 2.27 0.00	57.73 2.11 0.00	57.27 2.04 0.00	57.90 2.28 0.00	66.19 2.85 0.00	72.43 3.32 0.00	94.83 4.34 0.00	91.58 4.03 0.00	75.83 3.27 0.00	75.90 3.34 0.00	69.63 2.87 0.00	70.12 2.44 0.00	68.40 2.12 0.00
LOWER RAQUET___HYD 24057	76.78 -0.93 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.72 0.16 0.00	56.12 -0.06 0.00	59.12 -0.30 0.00	56.05 -0.62 0.00	62.92 -0.44 0.00	64.17 -0.71 0.00	59.14 -0.60 0.00	58.54 -0.41 0.00	56.48 -0.17 0.00	55.51 -0.11 0.00	55.01 -0.22 0.00	55.29 -0.33 0.00	62.83 -0.51 0.00	68.29 -0.83 0.00	88.76 -1.72 0.00	85.81 -1.75 0.00	71.48 -1.09 0.00	71.48 -1.09 0.00	65.96 -0.80 0.00	67.07 -0.61 0.00	66.21 -0.07 0.00
LOWER___HUDSON 24059	81.90 4.19 0.00	68.71 3.27 0.00	62.09 2.96 0.00	57.12 2.56 0.00	58.92 2.75 0.00	62.33 2.91 0.00	59.57 2.89 0.00	66.59 3.23 0.00	68.31 3.44 0.00	62.84 3.10 0.00	61.95 3.00 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.45 2.84 0.00	66.57 3.23 0.00	72.70 3.59 0.00	95.28 4.79 0.00	92.19 4.64 0.00	76.34 3.77 0.00	76.34 3.77 0.00	70.16 3.40 0.00	71.00 3.32 0.00	69.40 3.12 0.00
LOWVILLE_115KV_TB2 356335	78.87 1.17 0.00	66.49 1.05 0.00	60.09 0.95 0.00	55.43 0.87 0.00	57.13 0.95 0.00	60.37 0.95 0.00	57.53 0.85 0.00	64.76 1.39 0.00	66.11 1.23 0.00	60.81 1.08 0.00	59.95 1.00 0.00	57.38 0.74 0.00	56.34 0.72 0.00	55.89 0.66 0.00	56.29 0.67 0.00	64.42 1.08 0.00	70.50 1.38 0.00	92.29 1.81 0.00	89.48 1.93 0.00	74.16 1.60 0.00	74.16 1.60 0.00	68.03 1.27 0.00	69.10 1.42 0.00	67.67 1.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	82.60 4.90 0.00	69.24 3.80 0.00	62.63 3.49 0.00	57.50 2.95 0.00	59.38 3.20 0.00	62.92 3.51 0.00	60.02 3.34 0.00	66.97 3.61 0.00	68.77 3.89 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.62 3.00 0.00	67.08 3.74 0.00	73.33 4.22 0.00	96.27 5.79 0.00	93.33 5.78 0.00	77.14 4.57 0.00	77.14 4.57 0.00	70.83 4.07 0.00	71.67 3.99 0.00	70.06 3.78 0.00

LUTHERNY_35_KV_BK2 355980	82.68 4.97 0.00	69.30 3.86 0.00	62.69 3.55 0.00	57.56 3.00 0.00	59.43 3.26 0.00	62.92 3.51 0.00	60.08 3.40 0.00	67.04 3.67 0.00	68.84 3.96 0.00	63.26 3.52 0.00	62.25 3.30 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.62 3.00 0.00	67.14 3.80 0.00	73.40 4.29 0.00	96.37 5.88 0.00	93.33 5.78 0.00	77.21 4.64 0.00	77.21 4.64 0.00	70.90 4.14 0.00	71.67 3.99 0.00	70.13 3.84 0.00
LWR___OSWEGATCHIE_HYD 23850	76.93 -0.78 0.00	65.24 -0.20 0.00	58.90 -0.24 0.00	54.45 -0.11 0.00	56.00 -0.17 0.00	59.06 -0.36 0.00	56.17 -0.51 0.00	63.17 -0.19 0.00	64.42 -0.45 0.00	59.38 -0.36 0.00	58.59 -0.35 0.00	56.31 -0.34 0.00	55.34 -0.28 0.00	54.90 -0.33 0.00	55.23 -0.39 0.00	62.90 -0.44 0.00	68.70 -0.41 0.00	89.67 -0.81 0.00	86.77 -0.79 0.00	72.13 -0.44 0.00	72.06 -0.51 0.00	66.36 -0.40 0.00	67.55 -0.14 0.00	66.35 0.07 0.00
LYONS_FALL_HYD 23570	79.34 1.63 0.00	66.88 1.44 0.00	60.38 1.24 0.00	55.70 1.15 0.00	57.41 1.23 0.00	60.72 1.31 0.00	57.87 1.19 0.00	65.07 1.71 0.00	66.43 1.55 0.00	61.17 1.43 0.00	60.30 1.36 0.00	57.67 1.02 0.00	56.62 1.00 0.00	56.17 0.94 0.00	56.62 1.00 0.00	64.80 1.46 0.00	70.84 1.73 0.00	92.75 2.26 0.00	89.92 2.36 0.00	74.52 1.96 0.00	74.45 1.88 0.00	68.36 1.60 0.00	69.30 1.62 0.00	67.94 1.66 0.00
MADISON___COUNTY_LFGE 323628	80.11 2.41 0.00	67.40 1.96 0.00	60.91 1.77 0.00	56.08 1.53 0.00	57.91 1.74 0.00	61.26 1.84 0.00	58.49 1.81 0.00	65.58 2.22 0.00	67.02 2.14 0.00	61.71 1.97 0.00	60.83 1.89 0.00	58.18 1.53 0.00	57.12 1.50 0.00	56.67 1.44 0.00	57.12 1.50 0.00	65.37 2.03 0.00	71.32 2.21 0.00	93.29 2.81 0.00	90.45 2.89 0.00	74.89 2.32 0.00	74.89 2.32 0.00	68.76 2.00 0.00	69.71 2.03 0.00	68.53 2.25 0.00
MALONE___115KV_TB1 356076	78.87 1.17 0.00	67.53 2.09 0.00	60.91 1.77 0.00	56.52 1.96 0.00	57.86 1.69 0.00	61.20 1.78 0.00	58.15 1.47 0.00	65.20 1.84 0.00	66.30 1.43 0.00	61.29 1.55 0.00	60.48 1.53 0.00	58.29 1.64 0.00	57.29 1.67 0.00	56.78 1.55 0.00	57.07 1.45 0.00	64.73 1.39 0.00	70.50 1.38 0.00	91.48 1.00 0.00	88.26 0.70 0.00	73.65 1.09 0.00	73.65 1.09 0.00	68.16 1.40 0.00	69.51 1.83 0.00	68.53 2.25 0.00
MAPLEWOD_115KV_TB3 80458	81.36 3.65 0.00	68.32 2.88 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.59 2.42 0.00	62.03 2.61 0.00	59.28 2.61 0.00	66.21 2.85 0.00	67.99 3.11 0.00	62.54 2.81 0.00	61.60 2.65 0.00	59.25 2.61 0.00	58.07 2.45 0.00	57.60 2.37 0.00	58.12 2.50 0.00	66.06 2.72 0.00	72.02 2.90 0.00	94.28 3.80 0.00	91.23 3.68 0.00	75.61 3.05 0.00	75.47 2.90 0.00	69.43 2.67 0.00	70.12 2.44 0.00	68.53 2.25 0.00
MAPLE_RIDGE_WT_1 323574	77.71 0.00 0.00	65.51 0.07 0.00	59.20 0.06 0.00	54.66 0.11 0.00	56.23 0.06 0.00	59.48 0.06 0.00	56.73 0.06 0.00	63.43 0.06 0.00	64.88 0.00 0.00	59.73 0.00 0.00	59.01 0.06 0.00	56.70 0.06 0.00	55.68 0.06 0.00	55.28 0.06 0.00	55.67 0.06 0.00	63.34 0.00 0.00	69.04 -0.07 0.00	90.39 -0.09 0.00	87.38 -0.17 0.00	72.49 -0.07 0.00	72.49 -0.07 0.00	66.69 -0.07 0.00	67.68 0.00 0.00	66.35 0.07 0.00
MAPLE_RIDGE_WT_2 323611	77.71 0.00 0.00	65.51 0.07 0.00	59.20 0.06 0.00	54.66 0.11 0.00	56.23 0.06 0.00	59.48 0.06 0.00	56.73 0.06 0.00	63.43 0.06 0.00	64.88 0.00 0.00	59.73 0.00 0.00	59.01 0.06 0.00	56.70 0.06 0.00	55.68 0.06 0.00	55.28 0.06 0.00	55.67 0.06 0.00	63.34 0.00 0.00	69.04 -0.07 0.00	90.39 -0.09 0.00	87.38 -0.17 0.00	72.49 -0.07 0.00	72.49 -0.07 0.00	66.69 -0.07 0.00	67.68 0.00 0.00	66.35 0.07 0.00
MARBLE_RIVER_WT_PWR 323696	78.17 0.47 0.00	66.48 1.04 0.00	60.03 0.89 0.00	55.65 1.09 0.00	57.07 0.90 0.00	60.36 0.95 0.00	57.19 0.51 0.00	63.74 0.38 0.00	65.01 0.13 0.00	60.21 0.48 0.00	59.42 0.47 0.00	57.27 0.62 0.00	56.23 0.61 0.00	55.78 0.55 0.00	56.06 0.44 0.00	63.72 0.38 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	86.95 -0.61 0.00	72.35 -0.22 0.00	72.35 -0.22 0.00	66.83 0.07 0.00	67.75 0.07 0.00	67.01 0.73 0.00
MARSHVLE_115KV_TB1 80742	82.29 4.58 0.00	68.84 3.40 0.00	62.33 3.19 0.00	57.12 2.56 0.00	59.09 2.92 0.00	62.62 3.21 0.00	59.74 3.06 0.00	66.66 3.29 0.00	68.32 3.44 0.00	62.42 2.69 0.00	61.25 2.30 0.00	58.29 1.64 0.00	56.90 1.28 0.00	56.56 1.33 0.00	57.18 1.56 0.00	66.51 3.17 0.00	73.26 4.15 0.00	96.55 6.06 0.00	93.77 6.22 0.00	77.28 4.72 0.00	77.43 4.86 0.00	70.83 4.07 0.00	71.67 3.99 0.00	69.99 3.71 0.00
MARSH_HILL_WT_PWR 323713	78.48 0.78 0.00	66.23 0.79 0.00	59.85 0.71 0.00	55.10 0.55 0.00	57.24 1.06 0.00	60.25 0.83 0.00	57.36 0.68 0.00	63.11 -0.25 0.00	64.23 -0.65 0.00	59.14 -0.60 0.00	58.36 -0.59 0.00	55.68 -0.96 0.00	54.62 -1.00 0.00	54.29 -0.94 0.00	54.67 -0.95 0.00	62.90 -0.44 0.00	68.29 -0.83 0.00	90.03 -0.45 0.00	87.56 0.00 0.00	72.71 0.15 0.00	72.56 0.00 0.00	67.16 0.40 0.00	68.63 0.95 0.00	67.54 1.26 0.00
MCINTYRE_115KV_TB2 80467	78.56 0.85 0.00	66.88 1.44 0.00	60.44 1.30 0.00	56.03 1.47 0.00	57.41 1.24 0.00	60.66 1.25 0.00	57.58 0.91 0.00	64.76 1.39 0.00	65.92 1.04 0.00	60.75 1.02 0.00	59.95 1.00 0.00	57.72 1.08 0.00	56.79 1.17 0.00	56.33 1.10 0.00	56.62 1.00 0.00	64.29 0.95 0.00	70.15 1.04 0.00	91.30 0.81 0.00	88.26 0.70 0.00	73.51 0.94 0.00	73.51 0.94 0.00	67.83 1.07 0.00	69.17 1.49 0.00	68.00 1.72 0.00
MECO_____69_KV_BK1 80468	84.54 6.84 0.00	70.61 5.17 0.00	63.93 4.79 0.00	58.54 3.98 0.00	60.61 4.44 0.00	64.23 4.81 0.00	61.27 4.59 0.00	68.18 4.82 0.00	69.94 5.06 0.00	63.98 4.24 0.00	62.78 3.83 0.00	59.93 3.29 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.73 3.11 0.00	68.09 4.75 0.00	74.85 5.74 0.00	98.81 8.32 0.00	96.05 8.49 0.00	79.17 6.60 0.00	79.31 6.75 0.00	72.57 5.81 0.00	73.50 5.82 0.00	71.72 5.44 0.00
MENANDS___115KV_TB5 355628	81.12 3.42 0.00	68.12 2.68 0.00	61.62 2.48 0.00	56.68 2.13 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.11 2.44 0.00	66.09 2.72 0.00	67.86 2.98 0.00	62.36 2.63 0.00	61.48 2.53 0.00	59.08 2.44 0.00	57.96 2.34 0.00	57.49 2.26 0.00	58.01 2.39 0.00	65.87 2.53 0.00	71.74 2.63 0.00	93.83 3.35 0.00	90.80 3.24 0.00	75.25 2.68 0.00	75.18 2.61 0.00	69.10 2.34 0.00	69.85 2.17 0.00	68.27 1.99 0.00
MG INDUSTRY___DRP 24185	80.97 3.26 0.00	67.99 2.55 0.00	61.50 2.37 0.00	56.57 2.02 0.00	58.36 2.19 0.00	61.73 2.32 0.00	58.94 2.27 0.00	65.77 2.41 0.00	67.47 2.60 0.00	61.89 2.15 0.00	61.01 2.06 0.00	58.74 2.10 0.00	57.57 1.95 0.00	57.16 1.93 0.00	57.62 2.00 0.00	65.49 2.15 0.00	71.46 2.35 0.00	93.65 3.17 0.00	90.62 3.06 0.00	75.10 2.54 0.00	75.03 2.47 0.00	69.03 2.27 0.00	69.78 2.10 0.00	68.27 1.99 0.00

MID___OSWEGATCHIE_HYD 23849	76.93 -0.78 0.00	65.24 -0.20 0.00	58.90 -0.24 0.00	54.45 -0.11 0.00	56.00 -0.17 0.00	59.06 -0.36 0.00	56.17 -0.51 0.00	63.17 -0.19 0.00	64.42 -0.45 0.00	59.38 -0.36 0.00	58.59 -0.35 0.00	56.31 -0.34 0.00	55.34 -0.28 0.00	54.90 -0.33 0.00	55.23 -0.39 0.00	62.90 -0.44 0.00	68.70 -0.41 0.00	89.67 -0.81 0.00	86.77 -0.79 0.00	72.13 -0.44 0.00	72.06 -0.51 0.00	66.36 -0.40 0.00	67.55 -0.14 0.00	66.35 0.07 0.00
MID___RAQUETTE_HYD 23851	76.77 -0.93 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.72 0.16 0.00	56.12 -0.06 0.00	59.12 -0.30 0.00	56.05 -0.62 0.00	62.98 -0.38 0.00	64.16 -0.71 0.00	59.14 -0.60 0.00	58.54 -0.41 0.00	56.48 -0.17 0.00	55.56 -0.06 0.00	55.06 -0.17 0.00	55.34 -0.28 0.00	62.71 -0.63 0.00	68.28 -0.83 0.00	88.76 -1.72 0.00	85.80 -1.75 0.00	71.48 -1.09 0.00	71.48 -1.09 0.00	65.96 -0.80 0.00	67.34 -0.34 0.00	66.41 0.13 0.00
MILLIKEN___1 23584	78.72 1.01 0.00	66.22 0.79 0.00	59.79 0.65 0.00	55.10 0.55 0.00	56.96 0.79 0.00	60.25 0.83 0.00	57.47 0.79 0.00	64.25 0.89 0.00	65.66 0.78 0.00	60.45 0.72 0.00	59.60 0.65 0.00	56.99 0.34 0.00	55.95 0.33 0.00	55.56 0.33 0.00	56.01 0.39 0.00	64.23 0.89 0.00	70.08 0.97 0.00	92.11 1.63 0.00	89.31 1.75 0.00	73.87 1.31 0.00	73.87 1.31 0.00	67.96 1.20 0.00	68.90 1.22 0.00	67.34 1.06 0.00
MILLIKEN___2 23585	78.72 1.01 0.00	66.22 0.79 0.00	59.79 0.65 0.00	55.10 0.55 0.00	56.96 0.79 0.00	60.25 0.83 0.00	57.47 0.79 0.00	64.25 0.89 0.00	65.66 0.78 0.00	60.45 0.72 0.00	59.60 0.65 0.00	56.99 0.34 0.00	55.95 0.33 0.00	55.56 0.33 0.00	56.01 0.39 0.00	64.23 0.89 0.00	70.08 0.97 0.00	92.11 1.63 0.00	89.31 1.75 0.00	73.87 1.31 0.00	73.87 1.31 0.00	67.96 1.20 0.00	68.90 1.22 0.00	67.34 1.06 0.00
MILLIKEN___DIESEL 23629	78.72 1.01 0.00	66.22 0.79 0.00	59.79 0.65 0.00	55.10 0.55 0.00	56.96 0.79 0.00	60.25 0.83 0.00	57.47 0.79 0.00	64.25 0.89 0.00	65.66 0.78 0.00	60.45 0.72 0.00	59.60 0.65 0.00	56.99 0.34 0.00	55.95 0.33 0.00	55.56 0.33 0.00	56.01 0.39 0.00	64.23 0.89 0.00	70.08 0.97 0.00	92.11 1.63 0.00	89.31 1.75 0.00	73.87 1.31 0.00	73.87 1.31 0.00	67.96 1.20 0.00	68.90 1.22 0.00	67.34 1.06 0.00
MILLSEAT___LFGE 323607	74.29 -3.42 0.00	62.95 -2.49 0.00	56.95 -2.19 0.00	52.48 -2.07 0.00	54.54 -1.63 0.00	57.40 -2.02 0.00	54.30 -2.38 0.00	58.99 -4.37 0.00	60.14 -4.73 0.00	55.43 -4.30 0.00	54.76 -4.18 0.00	52.23 -4.42 0.00	51.34 -4.28 0.00	51.14 -4.09 0.00	51.45 -4.17 0.00	59.16 -4.18 0.00	63.65 -5.46 0.00	84.24 -6.24 0.00	81.87 -5.69 0.00	67.92 -4.65 0.00	67.92 -4.65 0.00	62.82 -3.94 0.00	64.90 -2.78 0.00	64.23 -2.06 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	81.36 3.65 0.00	68.12 2.68 0.00	61.62 2.48 0.00	56.63 2.07 0.00	58.36 2.19 0.00	61.79 2.38 0.00	59.17 2.49 0.00	66.40 3.04 0.00	68.32 3.44 0.00	62.90 3.17 0.00	62.01 3.07 0.00	59.48 2.83 0.00	58.23 2.61 0.00	57.83 2.60 0.00	58.40 2.78 0.00	66.82 3.48 0.00	73.12 4.01 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.56 3.99 0.00	76.63 4.06 0.00	70.30 3.54 0.00	70.79 3.11 0.00	69.06 2.78 0.00
MILLWOOD_13_KV_LOAD 356217	81.59 3.89 0.00	68.32 2.88 0.00	61.80 2.66 0.00	56.79 2.24 0.00	58.53 2.36 0.00	61.91 2.50 0.00	59.34 2.66 0.00	66.59 3.23 0.00	68.45 3.57 0.00	63.08 3.35 0.00	62.19 3.24 0.00	59.65 3.00 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.57 2.95 0.00	66.95 3.61 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.57 3.81 0.00	71.00 3.32 0.00	69.26 2.98 0.00
MODEL_CITY_ENERGY 24167	72.11 -5.60 0.00	61.19 -4.25 0.00	55.42 -3.72 0.00	51.12 -3.44 0.00	53.03 -3.14 0.00	55.73 -3.68 0.00	52.77 -3.91 0.00	56.90 -6.46 0.00	58.00 -6.88 0.00	53.52 -6.21 0.00	53.00 -5.95 0.00	50.59 -6.06 0.00	49.72 -5.90 0.00	49.60 -5.63 0.00	49.83 -5.79 0.00	57.01 -6.33 0.00	61.03 -8.09 0.00	80.80 -9.68 0.00	78.62 -8.93 0.00	65.31 -7.26 0.00	65.38 -7.19 0.00	60.62 -6.14 0.00	62.94 -4.74 0.00	62.43 -3.85 0.00
MODERN_LFGE___ 323580	72.11 -5.60 0.00	61.19 -4.25 0.00	55.42 -3.72 0.00	51.12 -3.44 0.00	53.03 -3.14 0.00	55.73 -3.68 0.00	52.77 -3.91 0.00	56.90 -6.46 0.00	58.00 -6.88 0.00	53.52 -6.21 0.00	53.00 -5.95 0.00	50.59 -6.06 0.00	49.72 -5.90 0.00	49.60 -5.63 0.00	49.83 -5.79 0.00	57.01 -6.33 0.00	61.03 -8.09 0.00	80.80 -9.68 0.00	78.62 -8.93 0.00	65.31 -7.26 0.00	65.38 -7.19 0.00	60.62 -6.14 0.00	62.94 -4.74 0.00	62.43 -3.85 0.00
MOHAWK_PAPER___DRP 24187	81.36 3.65 0.00	68.32 2.88 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.59 2.42 0.00	62.03 2.61 0.00	59.28 2.61 0.00	66.21 2.85 0.00	67.99 3.11 0.00	62.54 2.81 0.00	61.60 2.65 0.00	59.25 2.61 0.00	58.07 2.45 0.00	57.60 2.37 0.00	58.12 2.50 0.00	66.06 2.72 0.00	72.02 2.90 0.00	94.28 3.80 0.00	91.23 3.68 0.00	75.61 3.05 0.00	75.47 2.90 0.00	69.43 2.67 0.00	70.12 2.44 0.00	68.53 2.25 0.00
MOHICAN___35_KV_115KV_LD 80490	83.46 5.75 0.00	69.82 4.38 0.00	63.22 4.08 0.00	57.94 3.38 0.00	59.94 3.76 0.00	63.52 4.10 0.00	60.64 3.97 0.00	67.61 4.25 0.00	69.48 4.61 0.00	63.80 4.06 0.00	62.78 3.83 0.00	60.16 3.51 0.00	58.85 3.23 0.00	58.38 3.15 0.00	58.96 3.34 0.00	67.77 4.43 0.00	74.16 5.05 0.00	97.54 7.06 0.00	94.56 7.00 0.00	78.01 5.44 0.00	78.08 5.51 0.00	71.57 4.81 0.00	72.35 4.67 0.00	70.72 4.44 0.00
MONGAUP___HYD 23641	81.67 3.96 0.00	68.45 3.01 0.00	61.80 2.66 0.00	56.79 2.24 0.00	58.59 2.41 0.00	62.03 2.61 0.00	59.23 2.55 0.00	66.47 3.10 0.00	68.38 3.50 0.00	62.72 2.99 0.00	61.78 2.83 0.00	59.20 2.55 0.00	58.06 2.44 0.00	57.66 2.43 0.00	58.29 2.67 0.00	66.57 3.23 0.00	73.19 4.08 0.00	95.82 5.34 0.00	92.46 4.90 0.00	76.63 4.06 0.00	76.70 4.13 0.00	70.36 3.60 0.00	71.00 3.32 0.00	69.40 3.12 0.00
MONTAUK___DIESEL 23721	85.71 8.00 0.00	71.59 6.15 0.00	65.05 5.91 0.00	59.63 5.07 0.00	61.45 5.28 0.00	65.43 6.00 0.00	61.61 4.93 0.00	70.08 6.72 0.00	71.82 6.94 0.00	65.41 5.67 0.00	65.37 6.43 0.00	62.14 5.49 0.00	60.63 5.01 0.00	60.64 5.41 0.00	62.18 6.56 0.00	72.02 8.68 0.00	99.39 9.74 0.00	103.54 13.03 0.00	99.83 12.26 0.00	98.87 9.87 0.00	91.18 9.80 0.00	90.73 9.08 0.00	76.21 8.53 0.00	74.17 7.89 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	77.47 -0.23 0.00	65.51 0.07 0.00	59.32 0.18 0.00	54.72 0.16 0.00	56.85 0.67 0.00	59.65 0.24 0.00	56.73 0.06 0.00	61.52 -1.84 0.00	62.67 -2.21 0.00	57.82 -1.91 0.00	57.30 -1.65 0.00	54.55 -2.10 0.00	53.62 -2.00 0.00	53.63 -1.60 0.00	53.73 -1.89 0.00	61.57 -1.77 0.00	66.21 -2.90 0.00	87.23 -3.26 0.00	85.02 -2.54 0.00	70.61 -1.96 0.00	70.61 -1.96 0.00	65.29 -1.47 0.00	67.68 0.00 0.00	66.88 0.60 0.00

MORRIS_RIDGE___SOLAR 323848	76.15 -1.55 0.00	64.39 -1.05 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.67 -0.51 0.00	58.58 -0.83 0.00	55.71 -0.96 0.00	60.89 -2.47 0.00	62.09 -2.79 0.00	57.05 -2.69 0.00	56.36 -2.59 0.00	53.82 -2.83 0.00	52.90 -2.72 0.00	52.63 -2.59 0.00	53.01 -2.61 0.00	60.80 -2.54 0.00	65.87 -3.25 0.00	86.86 -3.62 0.00	84.41 -3.15 0.00	70.02 -2.54 0.00	70.10 -2.47 0.00	64.76 -2.00 0.00	66.53 -1.15 0.00	65.68 -0.60 0.00
MORTIMER_115KV_TB3 55949	74.75 -2.95 0.00	63.21 -2.22 0.00	57.13 -2.01 0.00	52.65 -1.91 0.00	54.54 -1.63 0.00	57.57 -1.84 0.00	54.64 -2.04 0.00	60.13 -3.23 0.00	61.37 -3.50 0.00	56.57 -3.17 0.00	55.82 -3.12 0.00	53.36 -3.29 0.00	52.39 -3.23 0.00	52.14 -3.09 0.00	52.50 -3.11 0.00	60.24 -3.10 0.00	65.24 -3.87 0.00	86.14 -4.34 0.00	83.53 -4.03 0.00	69.23 -3.34 0.00	69.23 -3.34 0.00	63.89 -2.87 0.00	65.51 -2.17 0.00	64.36 -1.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	81.59 3.89 0.00	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.91 2.50 0.00	59.40 2.72 0.00	66.66 3.29 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.40 4.29 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
MUNSVILLE_WIND_PWR 323609	86.33 8.62 0.00	72.70 7.26 0.00	65.70 6.56 0.00	60.45 5.89 0.00	62.63 6.46 0.00	66.13 6.71 0.00	62.97 6.29 0.00	70.90 7.54 0.00	71.95 7.07 0.00	66.06 6.33 0.00	64.84 5.89 0.00	61.57 4.93 0.00	60.35 4.73 0.00	59.81 4.58 0.00	60.29 4.67 0.00	69.67 6.33 0.00	76.65 7.53 0.00	101.16 10.67 0.00	98.50 10.94 0.00	81.56 9.00 0.00	81.27 8.70 0.00	74.44 7.67 0.00	75.53 7.85 0.00	73.77 7.49 0.00
N SALMON___HYD 24042	78.87 1.17 0.00	67.53 2.09 0.00	60.91 1.77 0.00	56.52 1.96 0.00	57.86 1.68 0.00	61.20 1.78 0.00	58.15 1.47 0.00	65.07 1.71 0.00	66.30 1.43 0.00	61.29 1.55 0.00	60.48 1.53 0.00	58.29 1.64 0.00	57.23 1.61 0.00	56.72 1.49 0.00	57.01 1.39 0.00	64.86 1.52 0.00	70.49 1.38 0.00	91.48 1.00 0.00	88.25 0.70 0.00	73.58 1.02 0.00	73.65 1.09 0.00	68.17 1.40 0.00	69.03 1.35 0.00	68.20 1.92 0.00
N.AKRON__115KV_KNAPP 355671	74.13 -3.57 0.00	62.82 -2.62 0.00	56.83 -2.31 0.00	52.37 -2.18 0.00	54.43 -1.74 0.00	57.28 -2.14 0.00	54.18 -2.49 0.00	58.80 -4.56 0.00	59.95 -4.93 0.00	55.25 -4.48 0.00	54.64 -4.30 0.00	52.11 -4.53 0.00	51.23 -4.39 0.00	51.09 -4.14 0.00	51.39 -4.23 0.00	58.97 -4.37 0.00	63.45 -5.67 0.00	83.88 -6.61 0.00	81.60 -5.95 0.00	67.70 -4.86 0.00	67.70 -4.86 0.00	62.62 -4.14 0.00	64.91 -2.77 0.00	64.09 -2.19 0.00
N.BELMOR_69_KV_BK1 55787	83.14 5.44 0.00	69.56 4.12 0.00	63.10 3.96 0.00	57.99 3.44 0.00	59.71 3.54 0.00	63.35 3.92 -0.01	60.19 3.51 0.00	67.92 4.56 0.00	69.74 4.87 0.00	63.92 4.18 0.00	63.37 4.42 0.00	60.44 3.80 0.00	59.01 3.39 0.00	58.76 3.53 0.00	59.79 4.17 0.00	68.79 5.45 0.00	102.23 5.81 -27.31	98.02 7.51 -0.02	94.67 7.09 -0.02	100.22 5.81 -21.85	90.31 6.02 -11.73	91.83 5.27 -19.80	72.62 4.94 0.00	70.52 4.24 0.00
N.E_GEN_SANDY PD 24062	92.20 4.12 -10.38	87.62 3.21 -18.97	83.56 2.90 -21.52	80.11 2.51 -23.04	81.23 2.64 -22.42	85.64 2.85 -23.37	106.50 2.89 -46.93	98.77 3.36 -32.05	99.30 3.63 -30.79	84.76 3.28 -21.74	73.33 3.18 -11.20	72.20 3.06 -12.50	79.28 2.95 -20.71	71.27 2.93 -13.11	79.69 3.06 -21.01	83.08 3.48 -16.26	96.85 3.87 -23.87	105.09 5.06 -9.55	101.60 4.81 -9.24	96.89 3.99 -20.34	92.39 3.92 -15.91	86.73 3.54 -16.43	80.04 3.38 -8.98	75.97 3.12 -6.57
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	80.81 3.11 0.00	67.66 2.22 0.00	61.15 2.01 0.00	56.25 1.69 0.00	57.97 1.80 0.00	61.38 1.96 0.00	58.77 2.10 0.00	65.90 2.53 0.00	67.80 2.92 0.00	62.36 2.63 0.00	61.48 2.53 0.00	59.03 2.38 0.00	57.79 2.17 0.00	57.38 2.15 0.00	57.96 2.34 0.00	66.32 2.98 0.00	72.57 3.46 0.00	95.01 4.52 0.00	91.76 4.20 0.00	75.98 3.41 0.00	76.05 3.48 0.00	69.77 3.00 0.00	70.25 2.57 0.00	68.60 2.32 0.00
N.QUEENS_27_KV_LOAD 356247	80.74 3.03 0.00	67.47 2.03 0.00	61.03 1.89 0.00	56.19 1.64 0.00	57.80 1.63 0.00	61.13 1.72 0.01	58.83 2.15 0.00	66.09 2.72 0.00	67.99 3.11 0.00	62.72 2.99 0.00	62.01 3.07 0.00	59.48 2.83 0.00	58.29 2.67 0.00	57.83 2.60 0.00	58.46 2.84 0.00	66.82 3.48 0.00	72.98 3.87 0.00	95.46 4.98 0.00	92.20 4.64 0.00	76.19 3.63 0.00	76.41 3.85 0.00	69.97 3.20 0.00	70.25 2.57 0.00	68.73 2.45 0.00
N.TROY___115KV_TB1 355778	81.90 4.20 0.00	68.71 3.27 0.00	62.10 2.96 0.00	57.12 2.56 0.00	58.93 2.75 0.00	62.33 2.91 0.00	59.57 2.89 0.00	66.53 3.17 0.00	68.32 3.44 0.00	62.84 3.11 0.00	61.95 3.01 0.00	59.53 2.89 0.00	58.35 2.73 0.00	57.88 2.65 0.00	58.40 2.78 0.00	66.63 3.29 0.00	72.71 3.59 0.00	95.28 4.80 0.00	92.20 4.64 0.00	76.34 3.77 0.00	76.34 3.77 0.00	70.17 3.40 0.00	70.93 3.25 0.00	69.33 3.05 0.00
NARROWS_GT1_1 24228	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT1_2 24229	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT1_3 24230	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT1_4 24231	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00

NARROWS_GT1_5 24232	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT1_6 24233	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT1_7 24234	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT1_8 24235	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT2_1 24236	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT2_2 24237	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT2_3 24238	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT2_4 24239	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT2_5 24240	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT2_6 24241	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT2_7 24242	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NARROWS_GT2_8 24243	81.88 4.12 -0.06	68.39 2.95 0.00	61.80 2.66 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.29 2.61 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.19 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	71.20 3.52 0.00	69.33 3.05 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	83.38 5.67 0.00	69.96 4.52 0.00	63.22 4.08 0.00	57.99 3.44 0.00	59.94 3.76 0.00	63.52 4.10 0.00	60.47 3.80 0.00	67.48 4.12 0.00	69.55 4.67 0.00	63.38 3.64 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.73 3.11 0.00	66.89 3.55 0.00	73.26 4.15 0.00	96.09 5.61 0.00	92.98 5.43 0.00	77.06 4.50 0.00	76.92 4.35 0.00	70.70 3.94 0.00	71.40 3.72 0.00	69.86 3.58 0.00
NCHELSEA_115KV_TR2 355582	82.52 4.82 0.00	69.10 3.66 0.00	62.45 3.31 0.00	57.39 2.84 0.00	59.15 2.98 0.00	62.62 3.21 0.00	59.85 3.17 0.00	67.10 3.74 0.00	69.16 4.28 0.00	63.50 3.76 0.00	62.54 3.60 0.00	59.93 3.29 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.46 4.12 0.00	74.02 4.91 0.00	96.82 6.33 0.00	93.60 6.04 0.00	77.50 4.93 0.00	77.57 5.01 0.00	71.17 4.41 0.00	71.67 3.99 0.00	69.99 3.71 0.00
NEG CAPITAL___MECHNVIL 23645	82.75 5.05 0.00	69.37 3.93 0.00	62.75 3.61 0.00	57.66 3.11 0.00	59.49 3.31 0.00	63.04 3.62 0.00	60.19 3.52 0.00	67.16 3.80 0.00	68.97 4.09 0.00	63.38 3.64 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.84 3.22 0.00	67.27 3.93 0.00	73.54 4.43 0.00	96.55 6.06 0.00	93.51 5.96 0.00	77.28 4.71 0.00	77.28 4.71 0.00	70.97 4.21 0.00	71.88 4.20 0.00	70.26 3.98 0.00



NEG CENTRAL_HIGH_ACRES 23767	73.98 -3.73 0.00	62.43 -3.01 0.00	56.42 -2.72 0.00	51.94 -2.62 0.00	53.82 -2.36 0.00	56.86 -2.55 0.00	54.01 -2.66 0.00	59.81 -3.55 0.00	61.05 -3.83 0.00	56.27 -3.47 0.00	55.47 -3.48 0.00	53.08 -3.57 0.00	52.12 -3.50 0.00	51.81 -3.42 0.00	52.22 -3.39 0.00	59.92 -3.42 0.00	65.10 -4.01 0.00	85.77 -4.71 0.00	83.18 -4.38 0.00	68.87 -3.70 0.00	68.87 -3.70 0.00	63.49 -3.27 0.00	64.77 -2.91 0.00	63.63 -2.65 0.00
NEG CENTRAL___DRP 24199	76.70 -1.01 0.00	64.59 -0.85 0.00	58.31 -0.83 0.00	53.74 -0.82 0.00	55.61 -0.56 0.00	58.76 -0.65 0.00	56.05 -0.62 0.00	62.35 -1.01 0.00	63.71 -1.17 0.00	58.66 -1.08 0.00	57.83 -1.12 0.00	55.29 -1.36 0.00	54.29 -1.33 0.00	53.90 -1.33 0.00	54.34 -1.28 0.00	62.39 -0.95 0.00	68.15 -0.97 0.00	89.67 -0.81 0.00	86.94 -0.61 0.00	71.98 -0.58 0.00	71.91 -0.65 0.00	66.29 -0.47 0.00	67.27 -0.41 0.00	65.88 -0.40 0.00
NEG CENTRAL___INDECK 23768	75.68 -2.02 0.00	63.87 -1.57 0.00	57.78 -1.36 0.00	53.14 -1.42 0.00	55.22 -0.96 0.00	58.29 -1.13 0.00	55.38 -1.30 0.00	61.14 -2.22 0.00	62.21 -2.66 0.00	57.28 -2.45 0.00	56.41 -2.53 0.00	53.82 -2.83 0.00	52.79 -2.83 0.00	52.47 -2.76 0.00	52.95 -2.67 0.00	61.12 -2.22 0.00	66.35 -2.77 0.00	87.50 -2.98 0.00	85.01 -2.54 0.00	70.46 -2.11 0.00	70.39 -2.18 0.00	64.96 -1.80 0.00	66.39 -1.29 0.00	65.15 -1.13 0.00
NEG CENTRAL___SENECA 23627	77.01 -0.70 0.00	64.92 -0.52 0.00	58.67 -0.47 0.00	53.96 -0.60 0.00	55.95 -0.22 0.00	59.06 -0.36 0.00	56.28 -0.40 0.00	62.47 -0.89 0.00	63.71 -1.17 0.00	58.72 -1.02 0.00	57.83 -1.12 0.00	55.23 -1.42 0.00	54.17 -1.45 0.00	53.85 -1.38 0.00	54.34 -1.28 0.00	62.45 -0.89 0.00	68.01 -1.11 0.00	89.67 -0.81 0.00	87.03 -0.53 0.00	72.06 -0.51 0.00	72.06 -0.51 0.00	66.43 -0.33 0.00	67.61 -0.07 0.00	66.21 -0.07 0.00
NEG CENTRAL___STATE_STREET 24147	76.77 -0.93 0.00	64.65 -0.79 0.00	58.37 -0.77 0.00	53.74 -0.82 0.00	55.56 -0.62 0.00	58.76 -0.65 0.00	56.05 -0.62 0.00	62.66 -0.70 0.00	64.10 -0.78 0.00	59.08 -0.66 0.00	58.24 -0.71 0.00	55.74 -0.91 0.00	54.73 -0.89 0.00	54.35 -0.88 0.00	54.79 -0.83 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.67 -0.81 0.00	86.94 -0.61 0.00	71.98 -0.58 0.00	71.91 -0.65 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00
NEG MILLWOOD___DRP 24198	82.99 5.28 0.00	69.50 4.06 0.00	62.81 3.67 0.00	57.67 3.11 0.00	59.43 3.26 0.00	62.86 3.45 0.00	60.19 3.51 0.00	67.54 4.18 0.00	69.55 4.67 0.00	64.04 4.30 0.00	63.07 4.13 0.00	60.50 3.85 0.00	59.12 3.50 0.00	58.65 3.42 0.00	59.29 3.67 0.00	67.84 4.50 0.00	74.57 5.46 0.00	97.63 7.15 0.00	94.39 6.83 0.00	78.15 5.59 0.00	78.22 5.66 0.00	71.83 5.07 0.00	72.28 4.60 0.00	70.32 4.04 0.00
NEG NORTH_FLCN_SEA 23793	79.26 1.55 0.00	67.53 2.09 0.00	60.97 1.83 0.00	56.52 1.96 0.00	57.97 1.80 0.00	61.32 1.90 0.00	57.75 1.08 0.00	64.69 1.33 0.00	65.20 0.32 0.00	60.81 1.08 0.00	60.01 1.06 0.00	57.78 1.13 0.00	56.79 1.17 0.00	56.33 1.10 0.00	56.68 1.06 0.00	63.66 0.32 0.00	69.39 0.28 0.00	90.21 -0.27 0.00	87.03 -0.53 0.00	72.49 -0.07 0.00	72.49 -0.07 0.00	67.03 0.27 0.00	68.83 1.15 0.00	68.53 2.25 0.00
NEG NORTH_KES_CHATEGAY 23792	78.33 0.62 0.00	66.62 1.18 0.00	60.14 1.01 0.00	55.81 1.25 0.00	57.18 1.01 0.00	60.49 1.07 0.00	57.36 0.68 0.00	64.25 0.89 0.00	65.33 0.45 0.00	60.45 0.72 0.00	59.66 0.71 0.00	57.44 0.79 0.00	56.51 0.89 0.00	56.06 0.83 0.00	56.34 0.72 0.00	63.72 0.38 0.00	69.46 0.35 0.00	90.39 -0.09 0.00	87.21 -0.35 0.00	72.64 0.07 0.00	72.64 0.07 0.00	67.09 0.33 0.00	68.49 0.81 0.00	67.61 1.33 0.00
NEG NORTH___ALICE_FALLS 23915	79.49 1.79 0.00	67.93 2.49 0.00	61.27 2.13 0.00	56.79 2.24 0.00	58.20 2.02 0.00	61.61 2.20 0.00	58.21 1.53 0.00	65.26 1.90 0.00	66.05 1.17 0.00	61.35 1.61 0.00	60.48 1.53 0.00	58.29 1.64 0.00	57.29 1.67 0.00	56.83 1.60 0.00	57.12 1.50 0.00	64.42 1.08 0.00	70.22 1.11 0.00	91.12 0.63 0.00	87.91 0.35 0.00	73.29 0.73 0.00	73.36 0.80 0.00	67.90 1.13 0.00	69.44 1.76 0.00	68.87 2.58 0.00
NEG NORTH___LWR_SARANAC 23913	79.49 1.79 0.00	67.93 2.49 0.00	61.27 2.13 0.00	56.79 2.24 0.00	58.20 2.02 0.00	61.61 2.20 0.00	58.21 1.53 0.00	65.26 1.90 0.00	66.05 1.17 0.00	61.35 1.61 0.00	60.48 1.53 0.00	58.29 1.64 0.00	57.29 1.67 0.00	56.83 1.60 0.00	57.12 1.50 0.00	64.42 1.08 0.00	70.22 1.11 0.00	91.12 0.63 0.00	87.91 0.35 0.00	73.29 0.73 0.00	73.36 0.80 0.00	67.90 1.13 0.00	69.44 1.76 0.00	68.87 2.58 0.00
NEG NORTH___PLATTSBURG 23628	79.49 1.79 0.00	67.93 2.49 0.00	61.26 2.13 0.00	56.79 2.24 0.00	58.19 2.02 0.00	61.62 2.20 0.00	58.21 1.53 0.00	64.82 1.46 0.00	66.05 1.17 0.00	61.35 1.61 0.00	60.48 1.53 0.00	58.29 1.64 0.00	57.23 1.61 0.00	56.72 1.49 0.00	57.06 1.44 0.00	64.80 1.46 0.00	70.22 1.10 0.00	91.12 0.64 0.00	87.91 0.35 0.00	73.29 0.73 0.00	73.36 0.80 0.00	67.89 1.13 0.00	68.76 1.08 0.00	68.20 1.92 0.00
NEG WEST_LEA_LOCKPORT 23791	72.65 -5.05 0.00	61.64 -3.80 0.00	55.83 -3.31 0.00	51.45 -3.11 0.00	53.42 -2.75 0.00	56.15 -3.27 0.00	53.16 -3.51 0.00	57.34 -6.02 0.00	58.45 -6.42 0.00	53.94 -5.79 0.00	53.41 -5.54 0.00	50.92 -5.72 0.00	50.11 -5.51 0.00	49.98 -5.25 0.00	50.22 -5.40 0.00	57.51 -5.83 0.00	61.58 -7.53 0.00	81.44 -9.05 0.00	79.33 -8.23 0.00	65.89 -6.68 0.00	65.96 -6.60 0.00	61.09 -5.67 0.00	63.48 -4.20 0.00	62.90 -3.38 0.00
NEG WEST___LANCASTR 23811	75.76 -1.94 0.00	64.07 -1.37 0.00	58.02 -1.12 0.00	53.46 -1.09 0.00	55.50 -0.67 0.00	58.35 -1.07 0.00	55.49 -1.19 0.00	60.13 -3.23 0.00	61.31 -3.57 0.00	56.57 -3.17 0.00	56.00 -2.95 0.00	53.47 -3.17 0.00	52.51 -3.11 0.00	52.41 -2.82 0.00	52.62 -3.00 0.00	60.24 -3.10 0.00	64.90 -4.22 0.00	85.69 -4.80 0.00	83.35 -4.20 0.00	69.15 -3.41 0.00	69.23 -3.34 0.00	64.02 -2.74 0.00	66.19 -1.49 0.00	65.49 -0.80 0.00
NEG_PENN_ALLEGHNY 23528	78.02 0.31 0.00	65.64 0.20 0.00	59.32 0.18 0.00	54.66 0.11 0.00	56.46 0.28 0.00	59.65 0.24 0.00	56.90 0.23 0.00	63.36 0.00 0.00	64.81 -0.06 0.00	59.68 -0.06 0.00	58.89 -0.06 0.00	56.48 -0.17 0.00	55.40 -0.22 0.00	55.06 -0.17 0.00	55.45 -0.17 0.00	63.40 0.06 0.00	69.11 0.00 0.00	90.76 0.27 0.00	88.00 0.44 0.00	72.86 0.29 0.00	72.86 0.29 0.00	67.10 0.34 0.00	68.16 0.48 0.00	66.81 0.53 0.00
NEG___GEN_MONROE 24207	73.98 -3.73 0.00	62.56 -2.88 0.00	56.60 -2.54 0.00	52.26 -2.29 0.00	54.15 -2.02 0.00	57.22 -2.20 0.00	54.24 -2.44 0.00	59.75 -3.61 0.00	60.73 -4.15 0.00	55.91 -3.82 0.00	55.12 -3.83 0.00	52.68 -3.97 0.00	51.78 -3.84 0.00	51.58 -3.65 0.00	51.95 -3.67 0.00	59.54 -3.80 0.00	64.41 -4.70 0.00	85.15 -5.34 0.00	82.39 -5.17 0.00	68.07 -4.50 0.00	68.28 -4.28 0.00	63.02 -3.74 0.00	64.77 -2.91 0.00	63.83 -2.45 0.00

NEPA__ENERGY 23901	75.53 -2.18 0.00	63.93 -1.51 0.00	57.90 -1.24 0.00	53.41 -1.15 0.00	55.44 -0.73 0.00	58.23 -1.19 0.00	55.26 -1.42 0.00	59.81 -3.55 0.00	60.98 -3.89 0.00	56.27 -3.46 0.00	55.76 -3.18 0.00	53.13 -3.51 0.00	52.23 -3.39 0.00	52.19 -3.04 0.00	52.39 -3.23 0.00	59.98 -3.36 0.00	64.41 -4.70 0.00	85.05 -5.43 0.00	82.74 -4.82 0.00	68.72 -3.85 0.00	68.79 -3.77 0.00	63.69 -3.07 0.00	66.06 -1.62 0.00	65.29 -0.99 0.00
NEVERSINK__HYD 23608	82.60 4.90 0.00	69.17 3.73 0.00	62.51 3.37 0.00	57.44 2.89 0.00	59.26 3.09 0.00	62.68 3.27 0.00	59.85 3.17 0.00	67.16 3.80 0.00	69.16 4.28 0.00	63.38 3.64 0.00	62.31 3.36 0.00	59.65 3.00 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.79 3.17 0.00	67.27 3.93 0.00	74.02 4.91 0.00	96.91 6.43 0.00	93.59 6.04 0.00	77.57 5.00 0.00	77.57 5.00 0.00	71.17 4.41 0.00	71.81 4.13 0.00	70.12 3.84 0.00
NEWKRMKL_115KV_TB1 55635	80.97 3.26 0.00	67.99 2.55 0.00	61.45 2.31 0.00	56.52 1.96 0.00	58.31 2.13 0.00	61.73 2.32 0.00	59.00 2.32 0.00	65.96 2.60 0.00	67.73 2.85 0.00	62.18 2.45 0.00	61.31 2.36 0.00	58.91 2.27 0.00	57.79 2.17 0.00	57.33 2.10 0.00	57.84 2.22 0.00	65.56 2.22 0.00	71.46 2.35 0.00	93.47 2.99 0.00	90.45 2.89 0.00	74.89 2.32 0.00	74.81 2.25 0.00	68.83 2.07 0.00	69.51 1.83 0.00	67.94 1.66 0.00
NEWTON__FALLS_HYD 23847	76.93 -0.78 0.00	65.24 -0.20 0.00	58.90 -0.24 0.00	54.45 -0.11 0.00	56.00 -0.17 0.00	59.06 -0.36 0.00	56.17 -0.51 0.00	63.17 -0.19 0.00	64.42 -0.45 0.00	59.38 -0.36 0.00	58.59 -0.35 0.00	56.31 -0.34 0.00	55.34 -0.28 0.00	54.90 -0.33 0.00	55.23 -0.39 0.00	62.90 -0.44 0.00	68.70 -0.41 0.00	89.67 -0.81 0.00	86.77 -0.79 0.00	72.13 -0.44 0.00	72.06 -0.51 0.00	66.36 -0.40 0.00	67.55 -0.14 0.00	66.35 0.07 0.00
NGRID_A1_DSASP 323792	72.11 -5.60 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.87 -7.01 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.47 -6.17 0.00	49.61 -6.01 0.00	49.48 -5.75 0.00	49.72 -5.90 0.00	56.82 -6.52 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.48 -6.28 0.00	62.81 -4.87 0.00	62.37 -3.91 0.00
NGRID_A2_DSASP 323793	72.11 -5.60 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.87 -7.01 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.47 -6.17 0.00	49.61 -6.01 0.00	49.48 -5.75 0.00	49.72 -5.90 0.00	56.82 -6.52 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.48 -6.28 0.00	62.81 -4.87 0.00	62.37 -3.91 0.00
NGRID_A4_DSASP 323807	72.11 -5.60 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.87 -7.01 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.47 -6.17 0.00	49.61 -6.01 0.00	49.48 -5.75 0.00	49.72 -5.90 0.00	56.82 -6.52 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.48 -6.28 0.00	62.81 -4.87 0.00	62.37 -3.91 0.00
NIAGARA_115E_LBMP 323715	71.72 -5.98 0.00	60.86 -4.58 0.00	55.12 -4.02 0.00	50.84 -3.71 0.00	52.74 -3.43 0.00	55.44 -3.98 0.00	52.48 -4.19 0.00	56.58 -6.78 0.00	57.67 -7.20 0.00	53.23 -6.51 0.00	52.70 -6.25 0.00	50.24 -6.40 0.00	49.39 -6.23 0.00	49.26 -5.97 0.00	49.56 -6.06 0.00	56.69 -6.65 0.00	60.61 -8.50 0.00	80.26 -10.22 0.00	78.10 -9.46 0.00	64.87 -7.69 0.00	64.95 -7.62 0.00	60.29 -6.47 0.00	62.53 -5.15 0.00	62.11 -4.17 0.00
NIAGARA_115W_LBMP 323714	71.96 -5.75 0.00	61.32 -4.12 0.00	55.53 -3.61 0.00	51.23 -3.33 0.00	53.14 -3.03 0.00	55.85 -3.56 0.00	52.60 -4.08 0.00	56.64 -6.72 0.00	57.74 -7.14 0.00	53.28 -6.45 0.00	52.76 -6.19 0.00	50.36 -6.29 0.00	49.50 -6.12 0.00	49.37 -5.86 0.00	49.61 -6.01 0.00	56.69 -6.65 0.00	60.61 -8.50 0.00	80.35 -10.13 0.00	78.19 -9.37 0.00	64.95 -7.62 0.00	65.02 -7.55 0.00	60.35 -6.41 0.00	62.67 -5.01 0.00	62.24 -4.05 0.00
NIAGARA_230_LBMP 323716	72.50 -5.21 0.00	61.58 -3.86 0.00	55.71 -3.43 0.00	51.45 -3.11 0.00	53.31 -2.86 0.00	56.09 -3.33 0.00	53.05 -3.63 0.00	57.22 -6.15 0.00	58.33 -6.55 0.00	53.82 -5.91 0.00	53.29 -5.66 0.00	50.87 -5.78 0.00	50.00 -5.62 0.00	49.87 -5.36 0.00	50.11 -5.51 0.00	57.32 -6.02 0.00	61.30 -7.81 0.00	81.25 -9.23 0.00	79.06 -8.49 0.00	65.67 -6.90 0.00	65.74 -6.82 0.00	60.95 -5.81 0.00	63.21 -4.47 0.00	62.77 -3.51 0.00
NIAGARA__115KV_198_GIBSON 55903	71.96 -5.75 0.00	61.32 -4.12 0.00	55.53 -3.61 0.00	51.23 -3.33 0.00	53.14 -3.03 0.00	55.85 -3.56 0.00	52.60 -4.08 0.00	56.65 -6.72 0.00	57.74 -7.14 0.00	53.28 -6.45 0.00	52.76 -6.19 0.00	50.36 -6.29 0.00	49.50 -6.12 0.00	49.38 -5.85 0.00	49.61 -6.01 0.00	56.75 -6.59 0.00	60.61 -8.50 0.00	80.35 -10.13 0.00	78.19 -9.37 0.00	64.95 -7.62 0.00	65.02 -7.55 0.00	60.35 -6.41 0.00	62.81 -4.87 0.00	62.24 -4.04 0.00
NIAGARA____ 23760	72.50 -5.21 0.00	61.58 -3.86 0.00	55.71 -3.43 0.00	51.45 -3.11 0.00	53.31 -2.86 0.00	56.09 -3.33 0.00	53.05 -3.63 0.00	57.22 -6.15 0.00	58.33 -6.55 0.00	53.82 -5.91 0.00	53.29 -5.66 0.00	50.87 -5.78 0.00	50.00 -5.62 0.00	49.87 -5.36 0.00	50.11 -5.51 0.00	57.32 -6.02 0.00	61.30 -7.81 0.00	81.25 -9.23 0.00	79.06 -8.49 0.00	65.67 -6.90 0.00	65.74 -6.82 0.00	60.95 -5.81 0.00	63.21 -4.47 0.00	62.77 -3.51 0.00
NINE_MILE_1 23575	74.75 -2.95 0.00	62.95 -2.49 0.00	56.89 -2.25 0.00	52.43 -2.13 0.00	54.10 -2.08 0.00	57.22 -2.20 0.00	54.58 -2.10 0.00	60.89 -2.47 0.00	62.35 -2.53 0.00	57.40 -2.33 0.00	56.65 -2.30 0.00	54.32 -2.32 0.00	53.34 -2.28 0.00	52.96 -2.27 0.00	53.39 -2.23 0.00	60.93 -2.41 0.00	66.42 -2.70 0.00	87.14 -3.35 0.00	84.32 -3.24 0.00	69.88 -2.68 0.00	69.88 -2.68 0.00	64.29 -2.47 0.00	65.25 -2.43 0.00	63.90 -2.38 0.00
NINE_MILE_2 23744	74.75 -2.95 0.00	62.95 -2.49 0.00	56.89 -2.25 0.00	52.43 -2.13 0.00	54.10 -2.08 0.00	57.22 -2.20 0.00	54.58 -2.10 0.00	60.89 -2.47 0.00	62.35 -2.53 0.00	57.40 -2.33 0.00	56.65 -2.30 0.00	54.32 -2.32 0.00	53.34 -2.28 0.00	52.96 -2.27 0.00	53.39 -2.23 0.00	60.93 -2.41 0.00	66.42 -2.70 0.00	87.14 -3.35 0.00	84.32 -3.24 0.00	69.88 -2.68 0.00	69.88 -2.68 0.00	64.29 -2.47 0.00	65.25 -2.43 0.00	63.90 -2.38 0.00
NM_CAPITAL__DRP 24208	81.05 3.34 0.00	68.06 2.62 0.00	61.56 2.42 0.00	56.57 2.02 0.00	58.36 2.19 0.00	61.79 2.38 0.00	59.06 2.38 0.00	66.02 2.66 0.00	67.80 2.92 0.00	62.30 2.57 0.00	61.36 2.42 0.00	59.03 2.38 0.00	57.90 2.28 0.00	57.44 2.21 0.00	57.96 2.34 0.00	65.75 2.41 0.00	71.60 2.49 0.00	93.65 3.17 0.00	90.62 3.06 0.00	75.10 2.54 0.00	75.03 2.47 0.00	68.96 2.20 0.00	69.71 2.03 0.00	68.14 1.86 0.00

NM_CENTRAL___DRP 24181	76.23 -1.48 0.00	64.20 -1.24 0.00	57.96 -1.18 0.00	53.41 -1.15 0.00	55.16 -1.01 0.00	58.35 -1.07 0.00	55.66 -1.02 0.00	62.16 -1.20 0.00	63.58 -1.30 0.00	58.54 -1.19 0.00	57.77 -1.18 0.00	55.34 -1.30 0.00	54.34 -1.28 0.00	53.96 -1.27 0.00	54.40 -1.22 0.00	62.20 -1.14 0.00	67.80 -1.31 0.00	88.95 -1.54 0.00	86.24 -1.31 0.00	71.40 -1.16 0.00	71.40 -1.16 0.00	65.69 -1.07 0.00	66.67 -1.02 0.00	65.15 -1.13 0.00
NM_FRONTIER___DRP 24179	71.96 -5.75 0.00	61.32 -4.12 0.00	55.53 -3.61 0.00	51.23 -3.33 0.00	53.14 -3.03 0.00	55.85 -3.56 0.00	52.60 -4.08 0.00	56.65 -6.72 0.00	57.74 -7.14 0.00	53.28 -6.45 0.00	52.76 -6.19 0.00	50.36 -6.29 0.00	49.50 -6.12 0.00	49.38 -5.85 0.00	49.61 -6.01 0.00	56.75 -6.59 0.00	60.61 -8.50 0.00	80.35 -10.13 0.00	78.19 -9.37 0.00	64.95 -7.62 0.00	65.02 -7.55 0.00	60.35 -6.41 0.00	62.81 -4.87 0.00	62.24 -4.04 0.00
NM_ST_REGIS___HYD 24053	77.39 -0.31 0.00	66.03 0.59 0.00	59.61 0.47 0.00	55.26 0.71 0.00	56.62 0.45 0.00	59.71 0.30 0.00	56.62 -0.06 0.00	63.62 0.25 0.00	64.75 -0.13 0.00	59.79 0.06 0.00	59.07 0.12 0.00	57.04 0.40 0.00	56.07 0.44 0.00	55.56 0.33 0.00	55.90 0.28 0.00	63.28 -0.06 0.00	68.91 -0.21 0.00	89.58 -0.90 0.00	86.51 -1.05 0.00	72.06 -0.51 0.00	72.06 -0.51 0.00	66.63 -0.13 0.00	68.02 0.34 0.00	67.01 0.73 0.00
NORTHPORT___1 23551	84.62 6.91 0.00	70.74 5.30 0.00	64.16 5.02 0.00	58.97 4.42 0.00	60.78 4.61 0.00	64.47 5.05 -0.01	61.15 4.48 0.00	69.13 5.77 0.00	70.91 6.03 0.00	64.87 5.14 0.00	64.49 5.54 0.00	61.29 4.65 0.00	60.07 4.45 0.00	59.98 4.75 0.00	61.01 5.39 0.00	69.93 6.59 -0.01	96.45 7.05 -20.29	99.84 9.32 -0.03	96.51 8.94 -0.02	95.98 7.19 -16.23	88.75 7.48 -8.71	88.08 6.61 -14.71	74.05 6.36 -0.01	72.04 5.76 0.00
NORTHPORT___2 23552	84.62 6.91 0.00	70.74 5.30 0.00	64.16 5.02 0.00	58.97 4.42 0.00	60.78 4.61 0.00	64.47 5.05 -0.01	61.15 4.48 0.00	69.13 5.77 0.00	70.91 6.03 0.00	64.87 5.14 0.00	64.49 5.54 0.00	61.29 4.65 0.00	60.07 4.45 0.00	59.98 4.75 0.00	61.01 5.39 0.00	69.93 6.59 -0.01	96.45 7.05 -20.29	99.84 9.32 -0.03	96.51 8.94 -0.02	95.98 7.19 -16.23	88.75 7.48 -8.71	88.08 6.61 -14.71	74.05 6.36 -0.01	72.04 5.76 0.00
NORTHPORT___3 23553	82.60 4.90 0.00	69.04 3.60 0.00	62.69 3.55 0.00	57.55 3.00 0.00	59.32 3.14 0.00	62.93 3.50 -0.01	59.74 3.06 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	63.07 4.12 0.00	59.99 3.34 0.00	58.84 3.22 0.00	58.60 3.37 0.00	59.63 4.01 0.00	68.35 5.00 -0.01	95.02 5.46 -20.45	97.38 6.87 -0.02	94.22 6.65 -0.02	94.44 5.51 -16.36	87.08 5.73 -8.78	86.60 5.01 -14.83	72.35 4.67 -0.01	70.26 3.98 0.00
NORTHPORT___4 23650	82.60 4.90 0.00	69.04 3.60 0.00	62.69 3.55 0.00	57.55 3.00 0.00	59.32 3.14 0.00	62.93 3.50 -0.01	59.74 3.06 0.00	67.54 4.18 0.00	69.29 4.41 0.00	63.50 3.77 0.00	63.07 4.12 0.00	59.99 3.34 0.00	58.84 3.22 0.00	58.60 3.37 0.00	59.63 4.01 0.00	68.35 5.00 -0.01	95.02 5.46 -20.45	97.38 6.87 -0.02	94.22 6.65 -0.02	94.44 5.51 -16.36	87.08 5.73 -8.78	86.60 5.01 -14.83	72.35 4.67 -0.01	70.26 3.98 0.00
NORTHPORT___IC 23718	84.62 6.92 0.00	70.74 5.30 0.00	64.17 5.03 0.00	58.97 4.42 0.00	60.78 4.61 0.00	64.48 5.05 -0.01	61.10 4.42 0.00	69.06 5.70 0.00	70.91 6.03 0.00	64.87 5.14 0.00	64.31 5.36 0.00	61.29 4.64 0.00	59.74 4.12 0.00	59.59 4.36 0.00	60.79 5.17 0.00	70.00 6.65 -0.01	96.45 7.05 -20.29	99.83 9.32 -0.03	96.33 8.76 -0.02	95.98 7.18 -16.23	88.75 7.47 -8.71	88.08 6.61 -14.71	74.05 6.36 -0.01	71.78 5.50 0.00
NORTH___COUNTRY_ESR 323785	78.10 0.39 0.00	66.42 0.98 0.00	59.97 0.83 0.00	55.59 1.03 0.00	56.96 0.79 0.00	60.25 0.83 0.00	57.13 0.45 0.00	63.74 0.38 0.00	65.01 0.13 0.00	60.16 0.42 0.00	59.42 0.47 0.00	57.21 0.57 0.00	56.18 0.56 0.00	55.73 0.50 0.00	56.06 0.44 0.00	63.66 0.32 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	86.85 -0.70 0.00	72.28 -0.29 0.00	72.35 -0.22 0.00	66.83 0.07 0.00	67.75 0.07 0.00	66.94 0.66 0.00
NPX_GEN_1385_PROXY 323591	90.43 9.16 -3.56	87.10 7.20 -14.46	84.25 6.80 -18.31	80.00 6.00 -19.44	82.30 6.23 -19.89	87.90 6.83 -21.65	91.90 6.12 -29.10	95.00 7.60 -24.04	95.00 7.85 -22.28	85.00 6.87 -18.40	65.90 6.95 0.00	62.31 5.66 0.00	61.07 5.45 0.00	61.36 6.13 0.00	62.51 6.90 0.00	71.46 8.11 -0.01	97.07 7.67 -20.29	101.19 10.67 -0.03	97.90 10.33 -0.02	96.64 7.84 -16.23	90.20 8.92 -8.71	88.94 7.48 -14.71	75.40 7.71 -0.01	73.90 7.62 0.00
NPX_GEN_CSC 323557	85.48 7.77 0.00	71.39 5.95 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.40 5.22 0.00	65.25 5.83 -0.01	61.55 4.87 0.00	69.89 6.53 0.00	71.62 6.75 0.00	65.29 5.56 0.00	65.26 6.31 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.74 6.12 0.00	71.07 7.72 -0.01	98.28 8.64 -20.53	102.01 11.49 -0.03	98.43 10.85 -0.02	97.77 8.78 -16.43	90.31 8.92 -8.82	89.72 8.07 -14.89	75.27 7.58 -0.01	73.11 6.83 0.00
NSINS_S_GLNS_FALLS 23858	83.38 5.67 0.00	69.76 4.32 0.00	63.16 4.02 0.00	57.94 3.38 0.00	59.88 3.71 0.00	63.46 4.04 0.00	60.59 3.91 0.00	67.54 4.18 0.00	69.42 4.54 0.00	63.74 4.00 0.00	62.72 3.77 0.00	60.10 3.46 0.00	58.79 3.17 0.00	58.32 3.09 0.00	58.96 3.34 0.00	67.71 4.37 0.00	74.16 5.05 0.00	97.45 6.97 0.00	94.47 6.92 0.00	77.93 5.37 0.00	78.01 5.44 0.00	71.50 4.74 0.00	72.35 4.67 0.00	70.72 4.44 0.00
NUCOR_STEEL___DRP 24197	77.01 -0.70 0.00	64.85 -0.59 0.00	58.55 -0.59 0.00	53.90 -0.65 0.00	55.72 -0.45 0.00	58.94 -0.48 0.00	56.22 -0.45 0.00	62.79 -0.57 0.00	64.23 -0.65 0.00	59.14 -0.60 0.00	58.30 -0.65 0.00	55.85 -0.79 0.00	54.79 -0.83 0.00	54.46 -0.77 0.00	54.90 -0.72 0.00	62.83 -0.51 0.00	68.56 -0.55 0.00	90.03 -0.45 0.00	87.21 -0.35 0.00	72.20 -0.36 0.00	72.20 -0.36 0.00	66.43 -0.33 0.00	67.34 -0.34 0.00	65.88 -0.40 0.00
NUMBER_THREE_WT_PWR 323818	78.71 1.01 0.00	66.42 0.98 0.00	60.03 0.89 0.00	55.32 0.76 0.00	57.07 0.90 0.00	60.31 0.89 0.00	57.41 0.73 0.00	64.69 1.33 0.00	65.98 1.10 0.00	60.75 1.01 0.00	59.89 0.94 0.00	57.27 0.62 0.00	56.29 0.67 0.00	55.78 0.55 0.00	56.23 0.61 0.00	64.35 1.01 0.00	70.42 1.31 0.00	92.20 1.71 0.00	89.40 1.84 0.00	74.09 1.53 0.00	74.02 1.45 0.00	67.96 1.20 0.00	68.90 1.22 0.00	67.54 1.26 0.00
NYISO_LBMP_REFERENCE 24008	77.71 0.00 0.00	65.44 0.00 0.00	59.14 0.00 0.00	54.56 0.00 0.00	56.17 0.00 0.00	59.42 0.00 0.00	56.68 0.00 0.00	63.36 0.00 0.00	64.88 0.00 0.00	59.73 0.00 0.00	58.95 0.00 0.00	56.65 0.00 0.00	55.62 0.00 0.00	55.23 0.00 0.00	55.62 0.00 0.00	63.34 0.00 0.00	69.11 0.00 0.00	90.48 0.00 0.00	87.56 0.00 0.00	72.56 0.00 0.00	72.56 0.00 0.00	66.76 0.00 0.00	67.68 0.00 0.00	66.28 0.00 0.00



OAK ORCHARD___HYD 24046	74.75 -2.95 0.00	63.21 -2.23 0.00	57.13 -2.01 0.00	52.64 -1.91 0.00	54.54 -1.63 0.00	57.57 -1.84 0.00	54.64 -2.04 0.00	60.20 -3.17 0.00	61.37 -3.50 0.00	56.57 -3.17 0.00	55.82 -3.13 0.00	53.36 -3.29 0.00	52.39 -3.23 0.00	52.14 -3.09 0.00	52.51 -3.11 0.00	60.24 -3.10 0.00	65.24 -3.87 0.00	86.14 -4.34 0.00	83.53 -4.03 0.00	69.16 -3.41 0.00	69.23 -3.34 0.00	63.89 -2.87 0.00	65.45 -2.23 0.00	64.36 -1.92 0.00
OAKDALE___35_KV_LOAD 356122	77.86 0.16 0.00	65.51 0.07 0.00	59.20 0.06 0.00	54.56 0.00 0.00	56.34 0.17 0.00	59.54 0.12 0.00	56.79 0.11 0.00	63.17 -0.19 0.00	64.62 -0.26 0.00	59.50 -0.24 0.00	58.71 -0.24 0.00	56.31 -0.34 0.00	55.29 -0.33 0.00	54.90 -0.33 0.00	55.29 -0.33 0.00	63.21 -0.13 0.00	68.91 -0.21 0.00	90.48 0.00 0.00	87.73 0.18 0.00	72.64 0.07 0.00	72.64 0.07 0.00	66.89 0.13 0.00	67.95 0.27 0.00	66.61 0.33 0.00
OCC_CHEM___DRP 24175	72.11 -5.59 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.81 -7.07 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.41 -6.23 0.00	49.61 -6.01 0.00	49.49 -5.74 0.00	49.72 -5.90 0.00	56.88 -6.46 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.49 -6.28 0.00	62.94 -4.74 0.00	62.37 -3.91 0.00
OH_GEN_PROXY 24063	72.57 -5.13 0.00	61.58 -3.86 0.00	55.77 -3.37 0.00	51.45 -3.11 0.00	53.37 -2.81 0.00	56.09 -3.33 0.00	53.11 -3.57 0.00	57.40 -5.96 0.00	58.52 -6.36 0.00	54.00 -5.73 0.00	53.47 -5.48 0.00	51.04 -5.61 0.00	50.17 -5.45 0.00	49.98 -5.25 0.00	50.28 -5.34 0.00	57.45 -5.89 0.00	61.58 -7.53 0.00	81.62 -8.86 0.00	79.42 -8.14 0.00	65.89 -6.67 0.00	66.03 -6.53 0.00	61.15 -5.61 0.00	63.35 -4.33 0.00	62.83 -3.45 0.00
OLIN_CORP_DRP 24177	71.96 -5.75 0.00	61.06 -4.38 0.00	55.30 -3.84 0.00	51.01 -3.55 0.00	52.92 -3.26 0.00	55.61 -3.80 0.00	52.65 -4.02 0.00	56.71 -6.65 0.00	57.81 -7.07 0.00	53.34 -6.39 0.00	52.82 -6.13 0.00	50.41 -6.23 0.00	49.56 -6.06 0.00	49.49 -5.74 0.00	49.72 -5.90 0.00	56.82 -6.52 0.00	60.82 -8.29 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.42 -6.34 0.00	62.88 -4.81 0.00	62.30 -3.98 0.00
OLIN_CORP_DSASP 323712	72.11 -5.60 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.87 -7.01 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.47 -6.17 0.00	49.61 -6.01 0.00	49.48 -5.75 0.00	49.72 -5.90 0.00	56.82 -6.52 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.48 -6.28 0.00	62.81 -4.87 0.00	62.37 -3.91 0.00
ONEIDA_HERK_LFGE 323681	79.57 1.86 0.00	67.01 1.57 0.00	60.56 1.42 0.00	55.81 1.26 0.00	57.58 1.40 0.00	60.90 1.49 0.00	58.04 1.36 0.00	65.20 1.84 0.00	66.63 1.75 0.00	61.29 1.55 0.00	60.48 1.53 0.00	57.89 1.24 0.00	56.79 1.17 0.00	56.33 1.10 0.00	56.79 1.17 0.00	64.92 1.58 0.00	70.98 1.87 0.00	93.01 2.53 0.00	90.10 2.54 0.00	74.67 2.11 0.00	74.67 2.11 0.00	68.49 1.73 0.00	69.51 1.83 0.00	68.07 1.79 0.00
ONEIDA___115KV_TB4 55905	80.11 2.41 0.00	67.40 1.96 0.00	60.91 1.77 0.00	56.08 1.53 0.00	57.91 1.74 0.00	61.26 1.84 0.00	58.49 1.81 0.00	65.58 2.22 0.00	67.02 2.14 0.00	61.71 1.97 0.00	60.83 1.89 0.00	58.18 1.53 0.00	57.12 1.50 0.00	56.67 1.44 0.00	57.12 1.50 0.00	65.37 2.03 0.00	71.32 2.21 0.00	93.29 2.81 0.00	90.45 2.89 0.00	74.89 2.32 0.00	74.89 2.32 0.00	68.76 2.00 0.00	69.71 2.03 0.00	68.53 2.25 0.00
ONONDAGA_REF_OCCRA 23987	76.70 -1.01 0.00	64.52 -0.92 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.44 -0.73 0.00	58.58 -0.83 0.00	55.94 -0.74 0.00	62.47 -0.89 0.00	63.90 -0.97 0.00	58.90 -0.84 0.00	58.12 -0.83 0.00	55.68 -0.96 0.00	54.67 -0.95 0.00	54.29 -0.94 0.00	54.73 -0.89 0.00	62.58 -0.76 0.00	68.28 -0.83 0.00	89.49 -1.00 0.00	86.77 -0.79 0.00	71.84 -0.73 0.00	71.84 -0.73 0.00	66.09 -0.67 0.00	67.00 -0.68 0.00	65.55 -0.73 0.00
ONONDAGA___COGEN 23986	76.62 -1.09 0.00	64.52 -0.92 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.44 -0.73 0.00	58.64 -0.77 0.00	55.94 -0.74 0.00	62.54 -0.82 0.00	63.97 -0.91 0.00	58.90 -0.84 0.00	58.12 -0.83 0.00	55.68 -0.96 0.00	54.67 -0.95 0.00	54.29 -0.94 0.00	54.73 -0.89 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.58 -0.90 0.00	86.86 -0.70 0.00	71.91 -0.65 0.00	71.84 -0.73 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00
ONTARIO___LFGE 23819	77.00 -0.70 0.00	64.91 -0.53 0.00	58.66 -0.48 0.00	53.96 -0.60 0.00	55.95 -0.22 0.00	59.12 -0.30 0.00	56.28 -0.39 0.00	62.47 -0.89 0.00	63.71 -1.17 0.00	58.72 -1.02 0.00	57.83 -1.12 0.00	55.23 -1.41 0.00	54.23 -1.39 0.00	53.90 -1.33 0.00	54.34 -1.28 0.00	62.45 -0.89 0.00	68.00 -1.11 0.00	89.67 -0.82 0.00	87.03 -0.52 0.00	72.06 -0.50 0.00	72.06 -0.50 0.00	66.43 -0.33 0.00	67.55 -0.14 0.00	66.21 -0.07 0.00
ORANGEVILLE_WT_PWR 323706	75.30 -2.41 0.00	63.74 -1.70 0.00	57.66 -1.48 0.00	53.14 -1.42 0.00	55.10 -1.07 0.00	57.99 -1.43 0.00	55.09 -1.59 0.00	59.94 -3.42 0.00	61.05 -3.83 0.00	56.21 -3.52 0.00	55.59 -3.36 0.00	53.08 -3.57 0.00	52.17 -3.45 0.00	51.97 -3.26 0.00	52.28 -3.34 0.00	59.92 -3.42 0.00	64.69 -4.42 0.00	85.33 -5.15 0.00	83.00 -4.56 0.00	68.87 -3.70 0.00	68.94 -3.63 0.00	63.76 -3.00 0.00	65.72 -1.96 0.00	65.02 -1.26 0.00
ORANGEVILLE___ESR 323794	75.30 -2.41 0.00	63.74 -1.70 0.00	57.66 -1.48 0.00	53.14 -1.42 0.00	55.10 -1.07 0.00	57.99 -1.43 0.00	55.09 -1.59 0.00	59.94 -3.42 0.00	61.05 -3.83 0.00	56.21 -3.52 0.00	55.59 -3.36 0.00	53.08 -3.57 0.00	52.17 -3.45 0.00	51.97 -3.26 0.00	52.28 -3.34 0.00	59.92 -3.42 0.00	64.69 -4.42 0.00	85.33 -5.15 0.00	83.00 -4.56 0.00	68.87 -3.70 0.00	68.94 -3.63 0.00	63.76 -3.00 0.00	65.72 -1.96 0.00	65.02 -1.26 0.00
OSWEGATCHIE___HYD 24044	76.93 -0.78 0.00	65.24 -0.20 0.00	58.90 -0.24 0.00	54.45 -0.11 0.00	56.01 -0.17 0.00	59.06 -0.35 0.00	56.17 -0.51 0.00	63.17 -0.19 0.00	64.43 -0.45 0.00	59.38 -0.36 0.00	58.60 -0.35 0.00	56.31 -0.34 0.00	55.34 -0.28 0.00	54.85 -0.38 0.00	55.23 -0.39 0.00	62.96 -0.38 0.00	68.70 -0.41 0.00	89.67 -0.82 0.00	86.77 -0.79 0.00	72.06 -0.50 0.00	72.06 -0.50 0.00	66.36 -0.40 0.00	67.34 -0.34 0.00	66.21 -0.07 0.00
OSWEGO___5 23606	75.38 -2.33 0.00	63.48 -1.96 0.00	57.37 -1.77 0.00	52.86 -1.69 0.00	54.54 -1.63 0.00	57.69 -1.72 0.00	55.03 -1.65 0.00	61.40 -1.96 0.00	62.80 -2.08 0.00	57.88 -1.85 0.00	57.12 -1.83 0.00	54.78 -1.87 0.00	53.79 -1.83 0.00	53.41 -1.82 0.00	53.84 -1.78 0.00	61.44 -1.90 0.00	66.97 -2.14 0.00	87.86 -2.63 0.00	85.10 -2.45 0.00	70.46 -2.11 0.00	70.46 -2.11 0.00	64.89 -1.87 0.00	65.79 -1.89 0.00	64.43 -1.86 0.00

OSWEGO___6 23613	75.38 -2.33 0.00	63.48 -1.96 0.00	57.37 -1.77 0.00	52.86 -1.69 0.00	54.54 -1.63 0.00	57.69 -1.72 0.00	55.03 -1.65 0.00	61.40 -1.96 0.00	62.80 -2.08 0.00	57.88 -1.85 0.00	57.12 -1.83 0.00	54.78 -1.87 0.00	53.79 -1.83 0.00	53.41 -1.82 0.00	53.84 -1.78 0.00	61.44 -1.90 0.00	66.97 -2.14 0.00	87.86 -2.63 0.00	85.10 -2.45 0.00	70.46 -2.11 0.00	70.46 -2.11 0.00	64.89 -1.87 0.00	65.79 -1.89 0.00	64.43 -1.86 0.00
OUTOKUMPU-AB___DRP 24206	73.74 -3.96 0.00	62.63 -2.81 0.00	56.71 -2.42 0.00	52.32 -2.24 0.00	54.32 -1.85 0.00	57.04 -2.38 0.00	53.96 -2.72 0.00	58.23 -5.13 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.23 -4.72 0.00	51.72 -4.93 0.00	50.84 -4.78 0.00	50.76 -4.47 0.00	51.00 -4.62 0.00	58.34 -5.00 0.00	62.48 -6.63 0.00	82.61 -7.87 0.00	80.46 -7.09 0.00	66.83 -5.73 0.00	66.90 -5.66 0.00	61.95 -4.81 0.00	64.43 -3.25 0.00	63.76 -2.52 0.00
OXBOW___BTM 323836	73.05 -4.66 0.00	62.10 -3.34 0.00	56.24 -2.90 0.00	51.88 -2.67 0.00	53.87 -2.31 0.00	56.62 -2.79 0.00	53.39 -3.29 0.00	57.60 -5.77 0.00	58.65 -6.23 0.00	54.18 -5.55 0.00	53.64 -5.31 0.00	51.15 -5.49 0.00	50.28 -5.34 0.00	50.20 -5.03 0.00	50.45 -5.17 0.00	57.70 -5.64 0.00	61.79 -7.33 0.00	81.71 -8.78 0.00	79.59 -7.97 0.00	66.03 -6.53 0.00	66.18 -6.39 0.00	61.36 -5.41 0.00	63.69 -3.99 0.00	63.17 -3.11 0.00
OXBOW____ 24026	73.04 -4.66 0.00	62.10 -3.34 0.00	56.24 -2.90 0.00	51.88 -2.67 0.00	53.87 -2.30 0.00	56.56 -2.85 0.00	53.39 -3.29 0.00	57.60 -5.77 0.00	58.65 -6.23 0.00	54.18 -5.56 0.00	53.64 -5.31 0.00	51.15 -5.49 0.00	50.34 -5.28 0.00	50.26 -4.97 0.00	50.45 -5.17 0.00	57.70 -5.64 0.00	61.79 -7.33 0.00	81.71 -8.78 0.00	79.59 -7.97 0.00	66.11 -6.46 0.00	66.18 -6.39 0.00	61.35 -5.41 0.00	63.75 -3.93 0.00	63.17 -3.12 0.00
OXY_CHEM_DSASP 323612	72.11 -5.59 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.81 -7.07 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.41 -6.23 0.00	49.61 -6.01 0.00	49.49 -5.74 0.00	49.72 -5.90 0.00	56.88 -6.46 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.49 -6.28 0.00	62.94 -4.74 0.00	62.37 -3.91 0.00
OZONE_PARK_ESR 323760	82.13 4.43 0.00	68.71 3.27 0.00	62.16 3.02 0.00	57.17 2.62 0.00	58.87 2.70 0.00	62.27 2.85 0.00	59.79 3.12 0.00	67.16 3.80 0.00	69.09 4.22 0.00	63.68 3.94 0.00	62.78 3.83 0.00	60.21 3.57 0.00	58.96 3.34 0.00	58.49 3.26 0.00	59.12 3.50 0.00	67.71 4.37 0.00	74.02 4.91 0.00	96.91 6.42 0.00	93.51 5.95 0.00	77.35 4.79 0.00	77.50 4.93 0.00	71.03 4.27 0.00	71.47 3.79 0.00	69.73 3.45 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	72.11 -5.59 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.81 -7.07 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.41 -6.23 0.00	49.61 -6.01 0.00	49.49 -5.74 0.00	49.72 -5.90 0.00	56.88 -6.46 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.49 -6.28 0.00	62.94 -4.74 0.00	62.37 -3.91 0.00
PACKARD__115KV_DUPONT_184 80571	72.11 -5.59 0.00	61.45 -3.99 0.00	55.59 -3.55 0.00	51.34 -3.22 0.00	53.25 -2.92 0.00	55.97 -3.45 0.00	52.71 -3.97 0.00	56.77 -6.59 0.00	57.81 -7.07 0.00	53.40 -6.33 0.00	52.88 -6.07 0.00	50.41 -6.23 0.00	49.61 -6.01 0.00	49.49 -5.74 0.00	49.72 -5.90 0.00	56.88 -6.46 0.00	60.75 -8.36 0.00	80.53 -9.95 0.00	78.36 -9.19 0.00	65.09 -7.47 0.00	65.16 -7.40 0.00	60.49 -6.28 0.00	62.94 -4.74 0.00	62.37 -3.91 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	80.74 3.03 0.00	67.53 2.09 0.00	61.09 1.95 0.00	56.19 1.64 0.00	57.80 1.63 0.00	61.13 1.72 0.01	58.77 2.10 0.00	65.96 2.60 0.00	67.86 2.98 0.00	62.60 2.87 0.00	61.84 2.89 0.00	59.37 2.72 0.00	58.18 2.56 0.00	57.72 2.49 0.00	58.29 2.67 0.00	66.70 3.36 0.00	72.85 3.73 0.00	95.19 4.71 0.00	91.93 4.38 0.00	76.05 3.48 0.00	76.19 3.63 0.00	69.83 3.07 0.00	70.18 2.50 0.00	68.67 2.39 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	82.60 4.90 0.00	69.10 3.66 0.00	62.57 3.43 0.00	57.56 3.00 0.00	59.21 3.03 0.00	62.62 3.21 0.01	60.36 3.12 0.00	67.92 4.56 0.00	69.74 4.87 0.00	64.27 4.54 0.00	63.43 4.48 0.00	60.78 4.14 0.00	59.51 3.89 0.00	59.04 3.81 0.00	59.68 4.06 0.00	68.28 4.94 0.00	74.50 5.39 0.00	97.36 6.88 0.00	94.03 6.48 0.00	77.72 5.15 0.00	78.01 5.44 0.00	71.43 4.67 0.00	71.88 4.20 0.00	70.26 3.98 0.00
PATROON__115KV_TB1 80586	81.05 3.34 0.00	68.12 2.68 0.00	61.56 2.42 0.00	56.63 2.07 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.11 2.44 0.00	66.02 2.66 0.00	67.80 2.92 0.00	62.30 2.57 0.00	61.42 2.48 0.00	59.03 2.38 0.00	57.90 2.28 0.00	57.44 2.21 0.00	57.96 2.34 0.00	65.68 2.34 0.00	71.60 2.49 0.00	93.65 3.17 0.00	90.71 3.15 0.00	75.10 2.54 0.00	75.03 2.47 0.00	68.96 2.20 0.00	69.71 2.03 0.00	68.14 1.86 0.00
PATTRSNVILLE___SOLAR 323815	81.12 3.42 0.00	67.99 2.55 0.00	61.51 2.37 0.00	56.58 2.02 0.00	58.36 2.19 0.00	61.80 2.38 0.00	59.00 2.32 0.00	65.90 2.54 0.00	67.60 2.72 0.00	62.00 2.27 0.00	61.07 2.12 0.00	58.57 1.93 0.00	57.40 1.78 0.00	56.94 1.71 0.00	57.51 1.89 0.00	65.88 2.54 0.00	72.15 3.04 0.00	94.65 4.16 0.00	91.76 4.20 0.00	75.83 3.27 0.00	75.90 3.34 0.00	69.63 2.87 0.00	70.52 2.84 0.00	68.93 2.65 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	75.61 -2.10 0.00	63.93 -1.51 0.00	57.90 -1.24 0.00	53.41 -1.15 0.00	55.39 -0.79 0.00	58.23 -1.19 0.00	55.32 -1.36 0.00	59.94 -3.42 0.00	61.05 -3.83 0.00	56.39 -3.35 0.00	55.82 -3.12 0.00	53.25 -3.40 0.00	52.34 -3.28 0.00	52.25 -2.98 0.00	52.45 -3.17 0.00	60.05 -3.29 0.00	64.62 -4.49 0.00	85.33 -5.16 0.00	83.00 -4.55 0.00	68.94 -3.63 0.00	68.94 -3.63 0.00	63.82 -2.94 0.00	66.06 -1.62 0.00	65.35 -0.93 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	82.99 5.28 0.00	69.50 4.06 0.00	62.81 3.67 0.00	57.67 3.11 0.00	59.43 3.26 0.00	62.86 3.45 0.00	60.19 3.51 0.00	67.54 4.18 0.00	69.55 4.67 0.00	64.04 4.30 0.00	63.07 4.13 0.00	60.50 3.85 0.00	59.12 3.50 0.00	58.65 3.42 0.00	59.29 3.67 0.00	67.84 4.50 0.00	74.57 5.46 0.00	97.63 7.15 0.00	94.39 6.83 0.00	78.15 5.59 0.00	78.22 5.66 0.00	71.83 5.07 0.00	72.28 4.60 0.00	70.32 4.04 0.00
PEEKSKILL____ 23653	81.21 3.50 0.00	68.06 2.62 0.00	61.51 2.37 0.00	56.58 2.02 0.00	58.25 2.08 0.00	61.67 2.26 0.00	59.06 2.38 0.00	66.34 2.98 0.00	68.18 3.31 0.00	62.78 3.04 0.00	61.89 2.95 0.00	59.36 2.72 0.00	58.23 2.61 0.00	57.77 2.54 0.00	58.40 2.78 0.00	66.63 3.29 0.00	72.98 3.87 0.00	95.55 5.06 0.00	92.28 4.72 0.00	76.41 3.84 0.00	76.48 3.92 0.00	70.16 3.40 0.00	70.86 3.18 0.00	69.00 2.72 0.00

PGE MADISON___WINDPWR 24146	86.33 8.62 0.00	72.70 7.26 0.00	65.70 6.56 0.00	60.45 5.89 0.00	62.63 6.46 0.00	66.13 6.71 0.00	62.97 6.29 0.00	70.90 7.54 0.00	71.95 7.07 0.00	66.06 6.33 0.00	64.84 5.89 0.00	61.57 4.93 0.00	60.35 4.73 0.00	59.81 4.58 0.00	60.29 4.67 0.00	69.67 6.33 0.00	76.65 7.53 0.00	101.16 10.67 0.00	98.50 10.94 0.00	81.56 9.00 0.00	81.27 8.70 0.00	74.44 7.67 0.00	75.53 7.85 0.00	73.77 7.49 0.00
PIERCEFIELD___HYD 23852	76.77 -0.93 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.72 0.16 0.00	56.12 -0.06 0.00	59.12 -0.30 0.00	56.05 -0.62 0.00	62.98 -0.38 0.00	64.16 -0.71 0.00	59.14 -0.60 0.00	58.54 -0.41 0.00	56.48 -0.17 0.00	55.56 -0.06 0.00	55.06 -0.17 0.00	55.34 -0.28 0.00	62.71 -0.63 0.00	68.28 -0.83 0.00	88.76 -1.72 0.00	85.80 -1.75 0.00	71.48 -1.09 0.00	71.48 -1.09 0.00	65.96 -0.80 0.00	67.34 -0.34 0.00	66.41 0.13 0.00
PINELAWN_CC_1 323563	84.00 6.29 0.00	70.21 4.77 0.00	63.75 4.62 0.00	58.54 3.98 0.00	60.33 4.16 0.00	64.00 4.58 -0.01	60.70 4.02 0.00	68.68 5.32 0.00	70.39 5.51 0.00	64.45 4.72 0.00	64.14 5.19 0.00	60.95 4.30 0.00	59.74 4.12 0.00	59.59 4.36 0.00	60.63 5.01 0.00	69.56 6.21 -0.01	98.27 6.84 -22.31	99.47 8.96 -0.03	96.06 8.49 -0.02	97.31 6.90 -17.85	89.26 7.12 -9.58	89.21 6.27 -16.17	73.57 5.89 -0.01	71.52 5.23 0.00
PJM_GEN_HTP_PROXY 323702	81.59 3.88 0.00	68.39 2.95 0.00	61.80 2.66 0.00	56.85 2.29 0.00	58.59 2.41 0.00	61.97 2.55 0.00	59.51 2.83 0.00	66.91 3.55 0.00	68.77 3.89 0.00	63.38 3.64 0.00	62.42 3.48 0.00	59.87 3.23 0.00	58.68 3.06 0.00	58.27 3.04 0.00	58.96 3.34 0.00	67.20 3.86 0.00	73.60 4.49 0.00	96.28 5.80 0.00	92.99 5.43 0.00	76.92 4.35 0.00	77.07 4.50 0.00	70.63 3.87 0.00	71.33 3.65 0.00	69.46 3.18 0.00
PJM_GEN_KEystone 24065	36.19 -0.16 41.36	34.99 -0.20 30.25	34.38 -0.18 24.58	34.38 -0.22 19.96	35.06 -0.06 21.06	36.12 -0.18 23.12	40.02 -0.11 16.54	41.50 -0.70 21.17	40.86 -0.71 23.31	37.38 -0.60 21.76	35.64 -0.59 22.72	34.49 -0.74 21.42	33.84 -0.72 21.06	33.76 -0.66 20.81	34.25 -0.61 20.76	36.41 -0.51 26.42	40.38 -0.76 27.97	47.42 -0.63 42.43	44.29 -0.52 42.74	42.36 -0.50 29.70	39.44 -0.43 32.69	36.87 -0.33 29.56	33.84 -0.07 33.77	32.00 0.07 34.35
PJM_GEN_NEPTUNE_PROXY 323594	82.60 4.90 0.00	69.10 3.66 0.00	62.69 3.55 0.00	57.61 3.05 0.00	59.37 3.20 0.00	62.93 3.50 -0.01	59.85 3.17 0.00	67.61 4.25 0.00	69.35 4.47 0.00	63.50 3.77 0.00	63.07 4.12 0.00	60.04 3.40 0.00	58.84 3.22 0.00	58.66 3.43 0.00	59.57 3.95 0.00	68.28 4.94 0.00	92.36 5.32 -17.93	97.46 6.97 -0.01	94.14 5.37 -0.01	92.28 5.37 -14.34	85.85 5.59 -7.70	84.63 4.87 -13.00	72.29 4.60 0.00	70.26 3.98 0.00
PJM_GEN_VFT_PROXY 323633	55.70 3.19 25.20	55.61 2.23 12.05	54.43 2.07 6.78	55.94 1.80 0.41	56.01 1.85 2.02	55.72 1.96 5.65	58.94 2.27 0.01	66.21 2.85 0.01	68.05 3.18 0.01	62.71 2.99 0.01	61.78 2.83 0.00	59.25 2.61 0.00	58.13 2.51 0.00	57.72 2.49 0.00	58.34 2.72 0.00	66.56 3.23 0.01	68.21 3.80 4.70	89.68 4.88 5.69	86.41 4.55 5.70	70.45 3.63 5.74	73.63 3.77 2.70	68.21 3.14 1.69	68.21 2.97 2.44	68.73 2.45 0.01
PLATSBURG_115KV_PMLD1 355749	79.18 1.48 0.00	67.47 2.03 0.00	60.91 1.77 0.00	56.46 1.91 0.00	57.91 1.74 0.00	61.26 1.84 0.00	57.81 1.13 0.00	64.76 1.39 0.00	65.40 0.52 0.00	60.87 1.13 0.00	60.07 1.12 0.00	57.84 1.19 0.00	56.84 1.22 0.00	56.39 1.16 0.00	56.73 1.11 0.00	63.85 0.51 0.00	69.60 0.48 0.00	90.48 0.00 0.00	87.29 -0.26 0.00	72.71 0.15 0.00	72.78 0.22 0.00	67.23 0.47 0.00	68.97 1.29 0.00	68.47 2.19 0.00
PLEASANTVLY___LBMP 24000	81.36 3.65 0.00	68.19 2.75 0.00	61.62 2.48 0.00	56.68 2.13 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.17 2.49 0.00	66.34 2.98 0.00	68.25 3.37 0.00	62.78 3.05 0.00	61.95 3.01 0.00	59.48 2.83 0.00	58.23 2.61 0.00	57.83 2.60 0.00	58.40 2.78 0.00	66.70 3.36 0.00	72.98 3.87 0.00	95.46 4.98 0.00	92.28 4.73 0.00	76.41 3.85 0.00	76.41 3.85 0.00	70.17 3.40 0.00	70.73 3.05 0.00	69.06 2.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	81.67 3.96 0.00	68.45 3.01 0.00	61.86 2.72 0.00	56.90 2.35 0.00	58.59 2.42 0.00	62.03 2.61 0.00	59.45 2.78 0.00	66.66 3.29 0.00	68.58 3.70 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.85 4.28 0.00	76.92 4.35 0.00	70.57 3.81 0.00	71.06 3.38 0.00	69.33 3.05 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	81.67 3.96 0.00	68.45 3.01 0.00	61.86 2.72 0.00	56.90 2.35 0.00	58.59 2.42 0.00	62.03 2.61 0.00	59.45 2.78 0.00	66.66 3.29 0.00	68.58 3.70 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.76 3.12 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.85 4.28 0.00	76.92 4.35 0.00	70.57 3.81 0.00	71.06 3.38 0.00	69.33 3.05 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	82.37 4.66 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.34 2.78 0.00	59.09 2.92 0.00	62.57 3.15 0.00	59.85 3.17 0.00	67.10 3.74 0.00	69.09 4.22 0.00	63.44 3.70 0.00	62.48 3.54 0.00	59.93 3.29 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.88 4.77 0.00	96.73 6.24 0.00	93.42 5.87 0.00	77.35 4.79 0.00	77.35 4.79 0.00	71.03 4.27 0.00	71.54 3.86 0.00	69.86 3.58 0.00
POLETTI___ 23519	81.36 3.65 0.00	68.06 2.62 0.00	61.56 2.42 0.00	56.63 2.07 0.00	58.31 2.13 0.00	61.67 2.26 0.00	59.23 2.55 0.00	66.47 3.10 0.00	68.32 3.44 0.00	62.96 3.23 0.00	62.07 3.12 0.00	59.53 2.89 0.00	58.29 2.67 0.00	57.83 2.60 0.00	58.51 2.89 0.00	66.89 3.55 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.48 3.92 0.00	76.63 4.06 0.00	70.23 3.47 0.00	70.66 2.98 0.00	69.00 2.72 0.00
POMONA___ESR 323819	80.82 3.11 0.00	67.67 2.23 0.00	61.15 2.01 0.00	56.25 1.69 0.00	57.97 1.80 0.00	61.32 1.90 0.00	58.78 2.10 0.00	65.96 2.60 0.00	67.80 2.92 0.00	62.36 2.63 0.00	61.48 2.53 0.00	58.97 2.32 0.00	57.85 2.23 0.00	57.44 2.21 0.00	58.06 2.44 0.00	66.25 2.92 0.00	72.57 3.45 0.00	95.01 4.52 0.00	91.76 4.20 0.00	75.98 3.41 0.00	76.05 3.48 0.00	69.77 3.01 0.00	70.46 2.78 0.00	68.66 2.38 0.00
PORT_JEFF_3 23555	85.01 7.30 0.00	71.00 5.56 0.00	64.46 5.32 0.00	59.19 4.63 0.00	61.00 4.83 0.00	64.83 5.41 -0.01	61.27 4.59 0.00	69.45 6.08 0.00	71.17 6.29 0.00	65.05 5.31 0.00	64.84 5.89 0.00	61.57 4.93 0.00	60.29 4.67 0.00	60.20 4.97 0.00	61.30 5.68 0.00	70.44 7.09 -0.01	97.53 7.88 -20.54	100.91 10.40 -0.03	97.46 9.89 -0.02	96.98 7.98 -16.44	89.51 8.13 -8.82	88.93 7.28 -14.89	74.59 6.91 -0.01	72.45 6.17 0.00

PORT_JEFF_4 23616	85.01 7.30 0.00	71.00 5.56 0.00	64.46 5.32 0.00	59.19 4.63 0.00	61.00 4.83 0.00	64.83 5.41 -0.01	61.27 4.59 0.00	69.45 6.08 0.00	71.17 6.29 0.00	65.05 5.31 0.00	64.84 5.89 0.00	61.57 4.93 0.00	60.29 4.67 0.00	60.20 4.97 0.00	61.30 5.68 0.00	70.44 7.09 -0.01	97.53 7.88 -20.54	100.91 10.40 -0.03	97.46 9.89 -0.02	96.98 7.98 -16.44	89.51 8.13 -8.82	88.93 7.28 -14.89	74.59 6.91 -0.01	72.45 6.17 0.00
PORT_JEFF_IC 23713	85.09 7.38 0.00	71.07 5.63 0.00	64.52 5.38 0.00	59.25 4.69 0.00	61.06 4.89 0.00	64.89 5.47 -0.01	61.32 4.65 0.00	69.44 6.08 0.00	71.24 6.36 0.00	65.05 5.32 0.00	64.78 5.84 0.00	61.63 4.98 0.00	60.07 4.45 0.00	59.92 4.69 0.00	61.18 5.56 0.00	70.63 7.28 -0.01	97.73 8.02 -20.60	101.10 10.59 -0.03	97.55 9.98 -0.02	97.17 8.13 -16.48	89.68 8.27 -8.85	89.10 7.41 -14.93	74.59 6.90 -0.01	72.31 6.03 0.00
PPL_PILGRIM_ST_GT1 24216	85.17 7.46 0.00	71.13 5.69 0.00	64.58 5.44 0.00	59.30 4.74 0.00	61.12 4.94 0.00	64.89 5.46 -0.01	61.44 4.76 0.00	69.51 6.14 0.00	71.24 6.36 0.00	65.17 5.44 0.00	64.90 5.95 0.00	61.63 4.99 0.00	60.40 4.78 0.00	60.25 5.03 0.00	61.35 5.73 0.00	70.44 7.09 -0.01	97.74 7.81 -20.82	100.82 10.31 -0.03	97.38 9.80 -0.02	97.20 7.98 -16.66	89.63 8.13 -8.94	89.13 7.28 -15.09	74.59 6.91 -0.01	72.51 6.23 0.00
PPL_PILGRIM_ST_GT2 24217	85.17 7.46 0.00	71.13 5.69 0.00	64.58 5.44 0.00	59.30 4.74 0.00	61.12 4.94 0.00	64.89 5.46 -0.01	61.44 4.76 0.00	69.51 6.14 0.00	71.24 6.36 0.00	65.17 5.44 0.00	64.90 5.95 0.00	61.63 4.99 0.00	60.40 4.78 0.00	60.25 5.03 0.00	61.35 5.73 0.00	70.44 7.09 -0.01	97.74 7.81 -20.82	100.82 10.31 -0.03	97.38 9.80 -0.02	97.20 7.98 -16.66	89.63 8.13 -8.94	89.13 7.28 -15.09	74.59 6.91 -0.01	72.51 6.23 0.00
PPL_SHRM_GT3 24213	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.40 5.22 0.00	65.31 5.88 -0.01	61.61 4.93 0.00	69.89 6.53 0.00	71.62 6.75 0.00	65.35 5.61 0.00	65.32 6.37 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.79 6.17 0.00	71.07 7.72 -0.01	98.31 8.64 -20.56	102.01 11.49 -0.03	98.43 10.85 -0.02	97.79 8.78 -16.45	90.32 8.92 -8.83	89.74 8.07 -14.91	75.27 7.58 -0.01	73.11 6.83 0.00
PPL_SHRM_GT4 24214	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.40 5.22 0.00	65.31 5.88 -0.01	61.61 4.93 0.00	69.89 6.53 0.00	71.62 6.75 0.00	65.35 5.61 0.00	65.32 6.37 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.79 6.17 0.00	71.07 7.72 -0.01	98.31 8.64 -20.56	102.01 11.49 -0.03	98.43 10.85 -0.02	97.79 8.78 -16.45	90.32 8.92 -8.83	89.74 8.07 -14.91	75.27 7.58 -0.01	73.11 6.83 0.00
PROJECT___ORANGE 1 24174	76.31 -1.40 0.00	64.20 -1.24 0.00	58.02 -1.12 0.00	53.46 -1.09 0.00	55.22 -0.95 0.00	58.35 -1.07 0.00	55.66 -1.02 0.00	62.16 -1.20 0.00	63.58 -1.30 0.00	58.54 -1.19 0.00	57.77 -1.18 0.00	55.40 -1.25 0.00	54.34 -1.28 0.00	54.01 -1.22 0.00	54.45 -1.17 0.00	62.26 -1.08 0.00	67.87 -1.24 0.00	89.04 -1.45 0.00	86.24 -1.31 0.00	71.40 -1.16 0.00	71.40 -1.16 0.00	65.76 -1.00 0.00	66.67 -1.02 0.00	65.22 -1.06 0.00
PROJECT___ORANGE 2 24166	76.31 -1.40 0.00	64.20 -1.24 0.00	58.02 -1.12 0.00	53.46 -1.09 0.00	55.22 -0.95 0.00	58.35 -1.07 0.00	55.66 -1.02 0.00	62.16 -1.20 0.00	63.58 -1.30 0.00	58.54 -1.19 0.00	57.77 -1.18 0.00	55.40 -1.25 0.00	54.34 -1.28 0.00	54.01 -1.22 0.00	54.45 -1.17 0.00	62.26 -1.08 0.00	67.87 -1.24 0.00	89.04 -1.45 0.00	86.24 -1.31 0.00	71.40 -1.16 0.00	71.40 -1.16 0.00	65.76 -1.00 0.00	66.67 -1.02 0.00	65.22 -1.06 0.00
PUCKETT___SOLAR 323809	79.88 2.17 0.00	67.21 1.77 0.00	60.74 1.60 0.00	55.92 1.36 0.00	57.86 1.68 0.00	61.14 1.72 0.00	58.32 1.64 0.00	65.07 1.71 0.00	66.43 1.55 0.00	61.11 1.37 0.00	60.19 1.24 0.00	57.55 0.90 0.00	56.46 0.84 0.00	56.06 0.83 0.00	56.51 0.89 0.00	64.80 1.46 0.00	70.84 1.73 0.00	93.20 2.71 0.00	90.36 2.80 0.00	74.82 2.25 0.00	74.82 2.25 0.00	68.76 2.00 0.00	69.85 2.17 0.00	68.34 2.06 0.00
PYRITES___HYD 24023	78.17 0.47 0.00	66.55 1.11 0.00	60.14 1.01 0.00	55.76 1.20 0.00	57.18 1.01 0.00	60.31 0.89 0.00	57.24 0.57 0.00	64.38 1.01 0.00	65.53 0.65 0.00	60.39 0.66 0.00	59.66 0.71 0.00	57.50 0.85 0.00	56.57 0.95 0.00	56.06 0.83 0.00	56.34 0.72 0.00	63.97 0.63 0.00	69.80 0.69 0.00	90.85 0.36 0.00	87.82 0.26 0.00	73.15 0.58 0.00	73.15 0.58 0.00	67.43 0.67 0.00	68.76 1.08 0.00	67.67 1.39 0.00
QUAKERRD_115KV_BK1 80622	73.59 -4.12 0.00	62.17 -3.27 0.00	56.18 -2.96 0.00	51.77 -2.78 0.00	53.59 -2.58 0.00	56.62 -2.79 0.00	53.79 -2.89 0.00	59.43 -3.93 0.00	60.66 -4.22 0.00	55.91 -3.82 0.00	55.18 -3.77 0.00	52.74 -3.91 0.00	51.84 -3.78 0.00	51.53 -3.70 0.00	51.89 -3.73 0.00	59.54 -3.80 0.00	64.62 -4.49 0.00	85.15 -5.34 0.00	82.57 -4.99 0.00	68.36 -4.21 0.00	68.36 -4.21 0.00	63.02 -3.74 0.00	64.43 -3.25 0.00	63.30 -2.98 0.00
QUEENSBRY_115KV_TB8 356137	83.53 5.83 0.00	69.89 4.45 0.00	63.28 4.14 0.00	57.99 3.44 0.00	59.99 3.82 0.00	63.58 4.16 0.00	60.64 3.97 0.00	67.61 4.25 0.00	69.55 4.67 0.00	63.86 4.12 0.00	62.84 3.89 0.00	60.16 3.51 0.00	58.85 3.23 0.00	58.38 3.15 0.00	59.01 3.39 0.00	67.77 4.43 0.00	74.23 5.11 0.00	97.63 7.15 0.00	94.74 7.18 0.00	78.08 5.51 0.00	78.15 5.59 0.00	71.63 4.87 0.00	72.42 4.74 0.00	70.79 4.51 0.00
RAMAPO___LBMP 323565	80.66 2.95 0.00	67.53 2.09 0.00	61.09 1.95 0.00	56.19 1.64 0.00	57.86 1.69 0.00	61.26 1.84 0.00	58.66 1.98 0.00	65.83 2.47 0.00	67.67 2.79 0.00	62.30 2.57 0.00	61.42 2.48 0.00	58.91 2.27 0.00	57.73 2.11 0.00	57.27 2.04 0.00	57.90 2.28 0.00	66.19 2.85 0.00	72.43 3.32 0.00	94.83 4.34 0.00	91.58 4.03 0.00	75.83 3.27 0.00	75.90 3.34 0.00	69.63 2.87 0.00	70.12 2.44 0.00	68.47 2.19 0.00
RANKINE____ 23646	74.83 -2.88 0.00	63.41 -2.03 0.00	57.36 -1.77 0.00	52.92 -1.64 0.00	54.94 -1.24 0.00	57.69 -1.72 0.00	54.75 -1.93 0.00	59.18 -4.18 0.00	60.34 -4.54 0.00	55.67 -4.06 0.00	55.18 -3.77 0.00	52.57 -4.08 0.00	51.73 -3.89 0.00	51.64 -3.59 0.00	51.84 -3.78 0.00	59.35 -3.99 0.00	63.72 -5.39 0.00	84.15 -6.33 0.00	81.95 -5.60 0.00	68.07 -4.50 0.00	68.07 -4.50 0.00	63.09 -3.67 0.00	65.45 -2.23 0.00	64.76 -1.52 0.00
RAVENSWOOD_GT2_1 24244	81.51 3.81 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00



RAVENSWOOD_GT2_2 24245	81.51 3.81 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00
RAVENSWOOD_GT2_3 24246	81.51 3.81 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.66 3.29 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.40 4.29 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.26 2.98 0.00
RAVENSWOOD_GT2_4 24247	81.51 3.81 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.79 2.24 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.40 2.72 0.00	66.66 3.29 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.40 4.29 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.26 2.98 0.00
RAVENSWOOD_GT3_1 24248	81.51 3.81 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.66 3.29 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00
RAVENSWOOD_GT3_2 24249	81.51 3.81 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.66 3.29 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00
RAVENSWOOD_GT3_3 24250	81.59 3.89 0.00	68.32 2.88 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.53 2.36 0.00	61.91 2.50 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.64 3.76 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.57 2.95 0.00	58.10 2.87 0.00	58.73 3.11 0.00	67.20 3.86 0.00	73.47 4.35 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.85 4.28 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
RAVENSWOOD_GT3_4 24251	81.59 3.89 0.00	68.32 2.88 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.53 2.36 0.00	61.91 2.50 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.64 3.76 0.00	63.26 3.52 0.00	62.31 3.36 0.00	59.76 3.12 0.00	58.57 2.95 0.00	58.10 2.87 0.00	58.73 3.11 0.00	67.20 3.86 0.00	73.47 4.35 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.85 4.28 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
RAVENSWOOD_GT_1 23729	81.37 3.65 -0.01	68.06 2.62 0.00	61.50 2.37 0.00	56.57 2.02 0.00	58.20 2.02 0.00	61.55 2.14 0.01	59.17 2.49 0.00	66.47 3.10 0.00	68.32 3.44 0.00	63.08 3.35 0.00	62.25 3.30 0.00	59.76 3.12 0.00	58.57 2.95 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.33 4.22 0.00	95.91 5.43 0.00	92.55 4.99 0.00	76.56 3.99 0.00	76.70 4.14 0.00	70.30 3.54 0.00	70.66 2.98 0.00	69.13 2.85 0.00
RAVENSWOOD_GT_10 24258	81.51 3.81 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.66 3.29 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00
RAVENSWOOD_GT_11 24259	81.51 3.81 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.66 3.29 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00
RAVENSWOOD_GT_4 24252	81.60 3.89 -0.01	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.53 2.36 0.00	61.91 2.50 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
RAVENSWOOD_GT_5 24254	81.60 3.89 -0.01	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.53 2.36 0.00	61.91 2.50 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
RAVENSWOOD_GT_6 24253	81.60 3.89 -0.01	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.53 2.36 0.00	61.91 2.50 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
RAVENSWOOD_GT_7 24255	81.60 3.89 -0.01	68.25 2.81 0.00	61.74 2.60 0.00	56.79 2.24 0.00	58.53 2.36 0.00	61.91 2.50 0.00	59.40 2.72 0.00	66.72 3.36 0.00	68.58 3.70 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.47 4.35 0.00	96.09 5.61 0.00	92.81 5.25 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.50 3.74 0.00	70.93 3.25 0.00	69.26 2.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	81.51 3.81 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.66 3.29 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00

RAVENSWOOD_GT_9 24257	81.51 3.81 0.00	68.25 2.81 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.66 3.29 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.05 2.82 0.00	58.68 3.06 0.00	67.08 3.74 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.17 0.00	76.70 4.14 0.00	76.85 4.28 0.00	70.43 3.67 0.00	70.86 3.18 0.00	69.20 2.92 0.00
RAVENSWOOD___1 23533	81.28 3.58 0.00	67.99 2.55 0.00	61.51 2.37 0.00	56.58 2.02 0.00	58.19 2.02 0.00	61.55 2.14 0.01	59.17 2.49 0.00	66.47 3.10 0.00	68.31 3.44 0.00	63.02 3.28 0.00	62.19 3.24 0.00	59.65 3.00 0.00	58.51 2.89 0.00	58.04 2.82 0.00	58.73 3.11 0.00	67.01 3.67 0.00	73.26 4.15 0.00	95.82 5.34 0.00	92.54 4.99 0.00	76.55 3.99 0.00	76.70 4.13 0.00	70.30 3.54 0.00	71.00 3.32 0.00	69.19 2.91 0.00
RAVENSWOOD___2 23534	81.28 3.58 0.00	67.99 2.55 0.00	61.44 2.30 0.00	56.52 1.96 0.00	58.19 2.02 0.00	61.49 2.08 0.01	59.11 2.44 0.00	66.47 3.10 0.00	68.25 3.37 0.00	63.02 3.28 0.00	62.13 3.18 0.00	59.65 3.00 0.00	58.51 2.89 0.00	58.04 2.82 0.00	58.73 3.11 0.00	66.95 3.61 0.00	73.26 4.15 0.00	95.82 5.34 0.00	92.54 4.99 0.00	76.48 3.92 0.00	76.63 4.06 0.00	70.23 3.47 0.00	71.00 3.32 0.00	69.13 2.85 0.00
RAVENSWOOD___3 23535	81.51 3.81 0.00	68.19 2.75 0.00	61.68 2.54 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.34 2.66 0.00	66.65 3.29 0.00	68.51 3.63 0.00	63.14 3.40 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.57 2.95 0.00	58.10 2.87 0.00	58.79 3.17 0.00	67.01 3.67 0.00	73.40 4.29 0.00	96.00 5.52 0.00	92.72 5.16 0.00	76.70 4.13 0.00	76.84 4.28 0.00	70.43 3.67 0.00	71.13 3.45 0.00	69.27 2.99 0.00
RAVENSWOOD___4 23820	81.27 3.58 0.01	67.99 2.55 0.00	61.44 2.30 0.00	56.52 1.96 0.00	58.14 1.97 0.00	61.49 2.08 0.01	59.11 2.44 0.00	66.47 3.10 0.00	68.25 3.37 0.00	62.96 3.22 0.00	62.13 3.18 0.00	59.59 2.94 0.00	58.51 2.89 0.00	58.04 2.82 0.00	58.73 3.11 0.00	66.95 3.61 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.48 3.92 0.00	76.63 4.06 0.00	70.23 3.47 0.00	71.00 3.32 0.00	69.13 2.85 0.00
RCPL_TRUST___DRP 24196	81.67 3.96 0.00	68.38 2.94 0.00	61.86 2.72 0.00	56.90 2.35 0.00	58.59 2.42 0.00	62.03 2.61 0.00	59.51 2.83 0.00	66.85 3.48 0.00	68.71 3.83 0.00	63.32 3.58 0.00	62.43 3.48 0.00	59.87 3.23 0.00	58.62 3.00 0.00	58.16 2.93 0.00	58.79 3.17 0.00	67.27 3.93 0.00	73.61 4.49 0.00	96.27 5.79 0.00	92.98 5.43 0.00	76.92 4.35 0.00	77.06 4.50 0.00	70.63 3.87 0.00	71.06 3.38 0.00	69.40 3.12 0.00
RED___ROCHESTER 323720	75.30 -2.41 0.00	63.61 -1.83 0.00	57.48 -1.66 0.00	52.92 -1.64 0.00	54.88 -1.29 0.00	57.93 -1.48 0.00	54.98 -1.70 0.00	60.58 -2.79 0.00	61.83 -3.05 0.00	56.99 -2.75 0.00	56.18 -2.77 0.00	53.70 -2.95 0.00	52.79 -2.83 0.00	52.47 -2.76 0.00	52.90 -2.72 0.00	60.74 -2.60 0.00	65.87 -3.25 0.00	86.77 -3.71 0.00	84.14 -3.42 0.00	69.73 -2.83 0.00	69.73 -2.83 0.00	64.36 -2.40 0.00	65.92 -1.76 0.00	64.82 -1.46 0.00
REGAN___SOLAR 323812	83.92 6.22 0.00	70.21 4.77 0.00	63.58 4.44 0.00	58.21 3.66 0.00	60.22 4.05 0.00	63.81 4.40 0.00	60.87 4.19 0.00	67.80 4.43 0.00	69.55 4.67 0.00	63.68 3.94 0.00	62.54 3.60 0.00	59.70 3.06 0.00	58.40 2.78 0.00	57.94 2.71 0.00	58.62 3.00 0.00	67.71 4.37 0.00	74.44 5.32 0.00	98.09 7.60 0.00	95.35 7.79 0.00	78.58 6.02 0.00	78.73 6.16 0.00	72.10 5.34 0.00	73.10 5.42 0.00	71.32 5.03 0.00
RENSSELAER___COGEN 23796	80.82 3.11 0.00	67.86 2.42 0.00	61.39 2.25 0.00	56.46 1.91 0.00	58.19 2.02 0.00	61.62 2.20 0.00	58.89 2.21 0.00	65.83 2.47 0.00	67.60 2.72 0.00	62.06 2.33 0.00	61.13 2.18 0.00	58.80 2.15 0.00	57.73 2.11 0.00	57.33 2.10 0.00	57.79 2.17 0.00	65.37 2.03 0.00	71.26 2.14 0.00	93.20 2.71 0.00	90.18 2.62 0.00	74.74 2.17 0.00	74.67 2.11 0.00	68.63 1.87 0.00	69.44 1.76 0.00	67.94 1.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	87.19 9.48 0.00	72.70 7.26 0.00	65.88 6.74 0.00	60.17 5.62 0.00	62.41 6.24 0.00	66.25 6.83 0.00	63.14 6.46 0.00	70.20 6.84 0.00	72.34 7.46 0.00	66.31 6.57 0.00	65.14 6.19 0.00	62.20 5.55 0.00	60.74 5.12 0.00	60.26 5.03 0.00	60.96 5.34 0.00	70.50 7.16 0.00	77.34 8.22 0.00	102.07 11.58 0.00	99.11 11.56 0.00	81.49 8.93 0.00	81.56 9.00 0.00	74.57 7.81 0.00	75.46 7.78 0.00	73.70 7.42 0.00
REVERE_CPPR_DRP 24186	80.74 3.03 0.00	67.93 2.49 0.00	61.39 2.25 0.00	56.57 2.02 0.00	58.36 2.19 0.00	61.73 2.32 0.00	58.89 2.21 0.00	66.15 2.79 0.00	67.54 2.66 0.00	62.18 2.45 0.00	61.31 2.36 0.00	58.57 1.93 0.00	57.46 1.84 0.00	57.05 1.82 0.00	57.51 1.89 0.00	65.81 2.47 0.00	71.95 2.83 0.00	94.19 3.71 0.00	91.32 3.76 0.00	75.61 3.05 0.00	75.61 3.05 0.00	69.36 2.60 0.00	70.39 2.71 0.00	69.06 2.78 0.00
REYNOLDS_115KV_TB3 80639	81.12 3.42 0.00	68.12 2.68 0.00	61.62 2.48 0.00	56.68 2.13 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.11 2.44 0.00	66.09 2.72 0.00	67.86 2.98 0.00	62.36 2.63 0.00	61.48 2.53 0.00	59.14 2.49 0.00	58.01 2.39 0.00	57.55 2.32 0.00	58.07 2.45 0.00	65.94 2.60 0.00	71.81 2.70 0.00	93.92 3.44 0.00	90.80 3.24 0.00	75.32 2.76 0.00	75.18 2.61 0.00	69.16 2.40 0.00	69.91 2.23 0.00	68.34 2.05 0.00
RIVERBAY____ 323610	82.60 4.90 0.00	69.10 3.66 0.00	62.57 3.43 0.00	57.56 3.00 0.00	59.21 3.03 0.00	62.62 3.21 0.01	60.36 3.68 0.00	67.92 4.56 0.00	69.74 4.87 0.00	64.27 4.54 0.00	63.43 4.48 0.00	60.78 4.14 0.00	59.51 3.89 0.00	59.04 3.81 0.00	59.68 4.06 0.00	68.28 4.94 0.00	74.50 5.39 0.00	97.36 6.88 0.00	94.03 6.48 0.00	77.72 5.15 0.00	78.01 5.44 0.00	71.43 4.67 0.00	71.88 4.20 0.00	70.26 3.98 0.00
RIVERSDE_115KV_TB3 55908	81.05 3.34 0.00	68.06 2.62 0.00	61.56 2.42 0.00	56.57 2.02 0.00	58.36 2.19 0.00	61.79 2.38 0.00	59.06 2.38 0.00	66.02 2.66 0.00	67.80 2.92 0.00	62.30 2.57 0.00	61.36 2.42 0.00	59.03 2.38 0.00	57.90 2.28 0.00	57.44 2.21 0.00	57.96 2.34 0.00	65.75 2.41 0.00	71.60 2.49 0.00	93.65 3.17 0.00	90.62 3.06 0.00	75.10 2.54 0.00	75.03 2.47 0.00	68.96 2.20 0.00	69.71 2.03 0.00	68.14 1.86 0.00
ROARING___BROOK_WT_PWR 323790	77.71 0.00 0.00	65.51 0.07 0.00	59.20 0.06 0.00	54.66 0.11 0.00	56.23 0.06 0.00	59.48 0.06 0.00	56.73 0.06 0.00	63.43 0.06 0.00	64.88 0.00 0.00	59.73 0.00 0.00	59.01 0.06 0.00	56.70 0.06 0.00	55.68 0.06 0.00	55.28 0.06 0.00	55.67 0.06 0.00	63.34 0.00 0.00	69.04 -0.07 0.00	90.39 -0.09 0.00	87.38 -0.17 0.00	72.49 -0.07 0.00	72.49 -0.07 0.00	66.69 -0.07 0.00	67.68 0.00 0.00	66.35 0.07 0.00

ROCHESRG_115KV_T4 355643	74.52 -3.19 0.00	62.95 -2.49 0.00	56.95 -2.19 0.00	52.48 -2.07 0.00	54.38 -1.80 0.00	57.34 -2.08 0.00	54.47 -2.21 0.00	59.94 -3.42 0.00	61.11 -3.76 0.00	56.33 -3.40 0.00	55.59 -3.36 0.00	53.19 -3.46 0.00	52.23 -3.39 0.00	51.97 -3.26 0.00	52.34 -3.28 0.00	59.98 -3.36 0.00	64.97 -4.15 0.00	85.69 -4.80 0.00	83.18 -4.38 0.00	68.94 -3.63 0.00	68.94 -3.63 0.00	63.62 -3.14 0.00	65.24 -2.44 0.00	64.16 -2.12 0.00
ROCHESTER_9_IC 23652	74.91 -2.80 0.00	63.28 -2.16 0.00	57.25 -1.89 0.00	52.70 -1.85 0.00	54.66 -1.52 0.00	57.63 -1.78 0.00	54.69 -1.98 0.00	60.26 -3.10 0.00	61.50 -3.37 0.00	56.69 -3.05 0.00	55.88 -3.07 0.00	53.47 -3.17 0.00	52.51 -3.11 0.00	52.25 -2.98 0.00	52.62 -3.00 0.00	60.36 -2.98 0.00	65.45 -3.66 0.00	86.32 -4.16 0.00	83.70 -3.85 0.00	69.37 -3.19 0.00	69.37 -3.19 0.00	64.02 -2.74 0.00	65.58 -2.10 0.00	64.49 -1.79 0.00
ROCKVIEW_13_KV_LD 356306	81.90 4.20 0.00	68.58 3.14 0.00	61.98 2.84 0.00	57.01 2.45 0.00	58.70 2.53 0.00	62.15 2.73 0.00	59.62 2.95 0.00	66.85 3.48 0.00	68.77 3.89 0.00	63.38 3.64 0.00	62.48 3.54 0.00	59.93 3.29 0.00	58.68 3.06 0.00	58.27 3.04 0.00	58.90 3.28 0.00	67.33 3.99 0.00	73.67 4.56 0.00	96.55 6.06 0.00	93.25 5.69 0.00	77.06 4.50 0.00	77.21 4.64 0.00	70.77 4.01 0.00	71.27 3.59 0.00	69.53 3.25 0.00
ROME____115KV_TB2 80656	80.74 3.03 0.00	67.93 2.49 0.00	61.39 2.25 0.00	56.57 2.02 0.00	58.36 2.19 0.00	61.73 2.32 0.00	58.89 2.21 0.00	66.15 2.79 0.00	67.54 2.66 0.00	62.18 2.45 0.00	61.31 2.36 0.00	58.57 1.93 0.00	57.46 1.84 0.00	57.05 1.82 0.00	57.51 1.89 0.00	65.81 2.47 0.00	71.95 2.83 0.00	94.19 3.71 0.00	91.32 3.76 0.00	75.61 3.05 0.00	75.61 3.05 0.00	69.36 2.60 0.00	70.39 2.71 0.00	69.06 2.78 0.00
ROSETON___1 23587	81.12 3.42 0.00	67.99 2.55 0.00	61.44 2.30 0.00	56.52 1.96 0.00	58.25 2.08 0.00	61.62 2.20 0.00	59.00 2.32 0.00	66.22 2.85 0.00	68.06 3.18 0.00	62.60 2.87 0.00	61.78 2.83 0.00	59.25 2.61 0.00	58.13 2.51 0.00	57.72 2.49 0.00	58.29 2.67 0.00	66.44 3.10 0.00	72.77 3.66 0.00	95.28 4.79 0.00	92.02 4.46 0.00	76.19 3.63 0.00	76.26 3.70 0.00	69.97 3.20 0.00	70.73 3.05 0.00	68.93 2.65 0.00
ROSETON___2 23588	81.12 3.42 0.00	67.99 2.55 0.00	61.44 2.30 0.00	56.52 1.96 0.00	58.25 2.08 0.00	61.62 2.20 0.00	59.00 2.32 0.00	66.22 2.85 0.00	68.06 3.18 0.00	62.60 2.87 0.00	61.78 2.83 0.00	59.25 2.61 0.00	58.13 2.51 0.00	57.72 2.49 0.00	58.29 2.67 0.00	66.44 3.10 0.00	72.77 3.66 0.00	95.28 4.79 0.00	92.02 4.46 0.00	76.19 3.63 0.00	76.26 3.70 0.00	69.97 3.20 0.00	70.73 3.05 0.00	68.93 2.65 0.00
ROTRRDAM_115KV_TB3 80664	80.50 2.80 0.00	67.60 2.16 0.00	61.15 2.01 0.00	56.25 1.69 0.00	57.97 1.80 0.00	61.38 1.96 0.00	58.60 1.93 0.00	65.52 2.15 0.00	67.21 2.34 0.00	61.77 2.03 0.00	60.95 2.00 0.00	58.57 1.93 0.00	57.40 1.78 0.00	56.94 1.71 0.00	57.45 1.84 0.00	65.56 2.22 0.00	71.67 2.56 0.00	93.92 3.44 0.00	90.88 3.33 0.00	75.25 2.68 0.00	75.25 2.68 0.00	69.16 2.40 0.00	69.98 2.30 0.00	68.40 2.12 0.00
RUSSELL___1 23602	75.22 -2.49 0.00	63.61 -1.83 0.00	57.48 -1.66 0.00	52.92 -1.64 0.00	54.88 -1.29 0.00	57.93 -1.49 0.00	54.98 -1.70 0.00	60.57 -2.79 0.00	61.83 -3.05 0.00	56.99 -2.75 0.00	56.18 -2.77 0.00	53.70 -2.95 0.00	52.78 -2.84 0.00	52.47 -2.76 0.00	52.89 -2.73 0.00	60.74 -2.60 0.00	65.86 -3.25 0.00	86.77 -3.71 0.00	84.14 -3.41 0.00	69.81 -2.76 0.00	69.73 -2.83 0.00	64.36 -2.40 0.00	65.99 -1.69 0.00	64.82 -1.46 0.00
RUSSELL___2 23532	75.22 -2.49 0.00	63.61 -1.83 0.00	57.48 -1.66 0.00	52.92 -1.64 0.00	54.88 -1.29 0.00	57.93 -1.49 0.00	54.98 -1.70 0.00	60.57 -2.79 0.00	61.83 -3.05 0.00	56.99 -2.75 0.00	56.18 -2.77 0.00	53.70 -2.95 0.00	52.78 -2.84 0.00	52.47 -2.76 0.00	52.89 -2.73 0.00	60.74 -2.60 0.00	65.86 -3.25 0.00	86.77 -3.71 0.00	84.14 -3.41 0.00	69.81 -2.76 0.00	69.73 -2.83 0.00	64.36 -2.40 0.00	65.99 -1.69 0.00	64.82 -1.46 0.00
RUSSELL___3 23549	75.22 -2.49 0.00	63.61 -1.83 0.00	57.48 -1.66 0.00	52.92 -1.64 0.00	54.88 -1.29 0.00	57.93 -1.49 0.00	54.98 -1.70 0.00	60.57 -2.79 0.00	61.83 -3.05 0.00	56.99 -2.75 0.00	56.18 -2.77 0.00	53.70 -2.95 0.00	52.78 -2.84 0.00	52.47 -2.76 0.00	52.89 -2.73 0.00	60.74 -2.60 0.00	65.86 -3.25 0.00	86.77 -3.71 0.00	84.14 -3.41 0.00	69.81 -2.76 0.00	69.73 -2.83 0.00	64.36 -2.40 0.00	65.99 -1.69 0.00	64.82 -1.46 0.00
RUSSELL___4 23556	75.22 -2.49 0.00	63.61 -1.83 0.00	57.48 -1.66 0.00	52.92 -1.64 0.00	54.88 -1.29 0.00	57.93 -1.49 0.00	54.98 -1.70 0.00	60.57 -2.79 0.00	61.83 -3.05 0.00	56.99 -2.75 0.00	56.18 -2.77 0.00	53.70 -2.95 0.00	52.78 -2.84 0.00	52.47 -2.76 0.00	52.89 -2.73 0.00	60.74 -2.60 0.00	65.86 -3.25 0.00	86.77 -3.71 0.00	84.14 -3.41 0.00	69.81 -2.76 0.00	69.73 -2.83 0.00	64.36 -2.40 0.00	65.99 -1.69 0.00	64.82 -1.46 0.00
RUSSELL___STATION 23914	75.22 -2.49 0.00	63.61 -1.83 0.00	57.48 -1.66 0.00	52.92 -1.64 0.00	54.88 -1.29 0.00	57.93 -1.49 0.00	54.98 -1.70 0.00	60.57 -2.79 0.00	61.83 -3.05 0.00	56.99 -2.75 0.00	56.18 -2.77 0.00	53.70 -2.95 0.00	52.78 -2.84 0.00	52.47 -2.76 0.00	52.89 -2.73 0.00	60.74 -2.60 0.00	65.86 -3.25 0.00	86.77 -3.71 0.00	84.14 -3.41 0.00	69.81 -2.76 0.00	69.73 -2.83 0.00	64.36 -2.40 0.00	65.99 -1.69 0.00	64.82 -1.46 0.00
S SALMON___HYD 24043	76.31 -1.40 0.00	64.39 -1.05 0.00	58.19 -0.95 0.00	53.57 -0.98 0.00	55.33 -0.84 0.00	58.41 -1.01 0.00	55.60 -1.08 0.00	62.41 -0.95 0.00	63.77 -1.10 0.00	58.78 -0.96 0.00	58.07 -0.88 0.00	55.57 -1.08 0.00	54.56 -1.06 0.00	54.18 -1.05 0.00	54.62 -1.00 0.00	62.51 -0.83 0.00	68.21 -0.90 0.00	89.22 -1.27 0.00	86.51 -1.05 0.00	71.62 -0.95 0.00	71.62 -0.95 0.00	65.96 -0.80 0.00	67.00 -0.68 0.00	65.55 -0.73 0.00
S.PERRY___115KV_TB1 80734	75.69 -2.02 0.00	63.87 -1.57 0.00	57.78 -1.36 0.00	53.14 -1.42 0.00	55.22 -0.95 0.00	58.23 -1.19 0.00	55.37 -1.30 0.00	61.14 -2.22 0.00	62.22 -2.66 0.00	57.29 -2.45 0.00	56.41 -2.53 0.00	53.81 -2.83 0.00	52.78 -2.84 0.00	52.47 -2.76 0.00	52.89 -2.73 0.00	61.12 -2.22 0.00	66.35 -2.76 0.00	87.50 -2.99 0.00	85.02 -2.54 0.00	70.46 -2.10 0.00	70.39 -2.18 0.00	64.96 -1.80 0.00	66.46 -1.22 0.00	65.15 -1.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	73.82 -3.89 0.00	62.56 -2.88 0.00	56.66 -2.48 0.00	52.26 -2.29 0.00	54.21 -1.97 0.00	56.98 -2.44 0.00	54.01 -2.66 0.00	58.29 -5.07 0.00	59.43 -5.45 0.00	54.84 -4.90 0.00	54.29 -4.66 0.00	51.83 -4.81 0.00	50.95 -4.67 0.00	50.87 -4.36 0.00	51.11 -4.51 0.00	58.46 -4.88 0.00	62.62 -6.50 0.00	82.88 -7.60 0.00	80.64 -6.92 0.00	66.98 -5.59 0.00	67.05 -5.51 0.00	62.15 -4.61 0.00	64.50 -3.18 0.00	63.89 -2.39 0.00

SAWYER___23_KV_LOAD 55526	73.82 -3.89 0.00	62.56 -2.88 0.00	56.66 -2.48 0.00	52.26 -2.29 0.00	54.21 -1.97 0.00	56.98 -2.44 0.00	54.01 -2.66 0.00	58.29 -5.07 0.00	59.43 -5.45 0.00	54.84 -4.90 0.00	54.29 -4.66 0.00	51.83 -4.81 0.00	50.95 -4.67 0.00	50.87 -4.36 0.00	51.11 -4.51 0.00	58.46 -4.88 0.00	62.62 -6.50 0.00	82.88 -7.60 0.00	80.64 -6.92 0.00	66.98 -5.59 0.00	67.05 -5.51 0.00	62.15 -4.61 0.00	64.50 -3.18 0.00	63.89 -2.39 0.00
SELKIRK___I 23801	80.97 3.26 0.00	67.99 2.55 0.00	61.51 2.37 0.00	56.58 2.02 0.00	58.36 2.19 0.00	61.73 2.31 0.00	58.95 2.27 0.00	65.83 2.47 0.00	67.48 2.60 0.00	61.88 2.15 0.00	61.01 2.06 0.00	58.68 2.04 0.00	57.62 2.00 0.00	57.22 1.99 0.00	57.68 2.06 0.00	65.49 2.15 0.00	71.46 2.35 0.00	93.65 3.17 0.00	90.62 3.06 0.00	75.10 2.54 0.00	75.03 2.47 0.00	69.03 2.27 0.00	69.91 2.23 0.00	68.34 2.06 0.00
SELKIRK___II 23799	80.58 2.88 0.00	67.67 2.23 0.00	61.15 2.01 0.00	56.30 1.75 0.00	58.02 1.85 0.00	61.44 2.02 0.00	58.66 1.98 0.00	65.64 2.28 0.00	67.34 2.46 0.00	61.82 2.09 0.00	61.01 2.06 0.00	58.68 2.04 0.00	57.62 2.00 0.00	57.22 1.99 0.00	57.62 2.00 0.00	65.37 2.03 0.00	71.32 2.21 0.00	93.29 2.81 0.00	90.27 2.72 0.00	74.82 2.25 0.00	74.74 2.17 0.00	68.76 2.00 0.00	69.57 1.89 0.00	68.00 1.72 0.00
SENECA OSWGO___HYD 24041	75.45 -2.26 0.00	63.61 -1.83 0.00	57.42 -1.72 0.00	52.92 -1.64 0.00	54.66 -1.51 0.00	57.75 -1.66 0.00	55.15 -1.53 0.00	61.65 -1.71 0.00	63.06 -1.82 0.00	58.12 -1.61 0.00	57.30 -1.65 0.00	54.95 -1.70 0.00	53.95 -1.67 0.00	53.57 -1.66 0.00	54.00 -1.61 0.00	61.76 -1.58 0.00	67.39 -1.73 0.00	88.31 -2.17 0.00	85.63 -1.93 0.00	70.90 -1.67 0.00	70.90 -1.67 0.00	65.23 -1.53 0.00	66.13 -1.55 0.00	64.63 -1.65 0.00
SENECA___115KV_TB3 355854	74.99 -2.72 0.00	63.48 -1.96 0.00	57.48 -1.66 0.00	53.03 -1.53 0.00	55.05 -1.12 0.00	57.81 -1.60 0.00	54.86 -1.81 0.00	59.31 -4.06 0.00	60.47 -4.41 0.00	55.79 -3.94 0.00	55.23 -3.71 0.00	52.68 -3.97 0.00	51.84 -3.78 0.00	51.75 -3.48 0.00	51.95 -3.67 0.00	59.48 -3.86 0.00	63.86 -5.25 0.00	84.33 -6.15 0.00	82.13 -5.43 0.00	68.14 -4.43 0.00	68.21 -4.35 0.00	63.16 -3.61 0.00	65.51 -2.17 0.00	64.82 -1.46 0.00
SENECA___ENERGY 23797	75.92 -1.78 0.00	63.94 -1.50 0.00	57.78 -1.36 0.00	53.19 -1.36 0.00	55.05 -1.12 0.00	58.23 -1.19 0.00	55.48 -1.19 0.00	61.78 -1.58 0.00	63.13 -1.75 0.00	58.12 -1.61 0.00	57.24 -1.71 0.00	54.78 -1.87 0.00	53.79 -1.83 0.00	53.46 -1.77 0.00	53.89 -1.72 0.00	61.82 -1.52 0.00	67.66 -1.45 0.00	89.13 -1.35 0.00	86.33 -1.23 0.00	71.48 -1.09 0.00	71.48 -1.09 0.00	65.76 -1.00 0.00	66.80 -0.88 0.00	65.42 -0.86 0.00
SHOEMAKER___GT 23640	80.66 2.95 0.00	67.60 2.16 0.00	61.09 1.95 0.00	56.19 1.64 0.00	57.92 1.74 0.00	61.32 1.90 0.00	58.66 1.98 0.00	65.77 2.41 0.00	67.54 2.66 0.00	62.13 2.39 0.00	61.24 2.30 0.00	58.74 2.10 0.00	57.62 2.00 0.00	57.22 1.99 0.00	57.85 2.23 0.00	65.94 2.60 0.00	72.23 3.11 0.00	94.56 4.08 0.00	91.40 3.85 0.00	75.68 3.12 0.00	75.75 3.19 0.00	69.50 2.74 0.00	70.25 2.57 0.00	68.54 2.25 0.00
SHOEMAKR_138KV_BK 111 55601	80.58 2.88 0.00	67.53 2.09 0.00	61.09 1.95 0.00	56.14 1.58 0.00	57.91 1.74 0.00	61.26 1.84 0.00	58.60 1.93 0.00	65.64 2.28 0.00	67.54 2.66 0.00	62.06 2.33 0.00	61.19 2.24 0.00	58.74 2.10 0.00	57.57 1.95 0.00	57.16 1.93 0.00	57.73 2.11 0.00	65.94 2.60 0.00	72.22 3.11 0.00	94.56 4.07 0.00	91.32 3.76 0.00	75.61 3.05 0.00	75.68 3.12 0.00	69.50 2.74 0.00	70.05 2.37 0.00	68.40 2.12 0.00
SHOREHAM_IC_1 23715	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.40 5.22 0.00	65.31 5.88 -0.01	61.61 4.93 0.00	69.89 6.53 0.00	71.62 6.75 0.00	65.35 5.61 0.00	65.32 6.37 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.79 6.17 0.00	71.07 7.72 -0.01	98.31 8.64 -20.56	102.01 11.49 -0.03	98.43 10.85 -0.02	97.79 8.78 -16.45	90.32 8.92 -8.83	89.74 8.07 -14.91	75.27 7.58 -0.01	73.11 6.83 0.00
SHOREHAM_IC_2 23716	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.40 5.22 0.00	65.31 5.88 -0.01	61.61 4.93 0.00	69.89 6.53 0.00	71.62 6.75 0.00	65.35 5.61 0.00	65.32 6.37 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.79 6.17 0.00	71.07 7.72 -0.01	98.31 8.64 -20.56	102.01 11.49 -0.03	98.43 10.85 -0.02	97.79 8.78 -16.45	90.32 8.92 -8.83	89.74 8.07 -14.91	75.27 7.58 -0.01	73.11 6.83 0.00
SISSONVILLE____ 23735	76.77 -0.93 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.72 0.16 0.00	56.12 -0.06 0.00	59.12 -0.30 0.00	56.05 -0.62 0.00	62.98 -0.38 0.00	64.16 -0.71 0.00	59.14 -0.60 0.00	58.54 -0.41 0.00	56.48 -0.17 0.00	55.56 -0.06 0.00	55.06 -0.17 0.00	55.34 -0.28 0.00	62.71 -0.63 0.00	68.28 -0.83 0.00	88.76 -1.72 0.00	85.80 -1.75 0.00	71.48 -1.09 0.00	71.48 -1.09 0.00	65.96 -0.80 0.00	67.34 -0.34 0.00	66.41 0.13 0.00
SITHE_IND_GS1 24169	74.67 -3.03 0.00	62.89 -2.55 0.00	56.83 -2.31 0.00	52.37 -2.18 0.00	54.04 -2.13 0.00	57.16 -2.26 0.00	54.52 -2.15 0.00	60.83 -2.54 0.00	62.28 -2.60 0.00	57.34 -2.39 0.00	56.59 -2.36 0.00	54.27 -2.38 0.00	53.29 -2.33 0.00	52.91 -2.32 0.00	53.34 -2.28 0.00	60.87 -2.47 0.00	66.35 -2.77 0.00	87.05 -3.44 0.00	84.23 -3.33 0.00	69.81 -2.76 0.00	69.81 -2.76 0.00	64.22 -2.54 0.00	65.18 -2.50 0.00	63.83 -2.45 0.00
SITHE_IND_GS2 24170	74.67 -3.03 0.00	62.89 -2.55 0.00	56.83 -2.31 0.00	52.37 -2.18 0.00	54.04 -2.13 0.00	57.16 -2.26 0.00	54.52 -2.15 0.00	60.83 -2.54 0.00	62.28 -2.60 0.00	57.34 -2.39 0.00	56.59 -2.36 0.00	54.27 -2.38 0.00	53.29 -2.33 0.00	52.91 -2.32 0.00	53.34 -2.28 0.00	60.87 -2.47 0.00	66.35 -2.77 0.00	87.05 -3.44 0.00	84.23 -3.33 0.00	69.81 -2.76 0.00	69.81 -2.76 0.00	64.22 -2.54 0.00	65.18 -2.50 0.00	63.83 -2.45 0.00
SITHE_IND_GS3 24171	74.67 -3.03 0.00	62.89 -2.55 0.00	56.83 -2.31 0.00	52.37 -2.18 0.00	54.04 -2.13 0.00	57.16 -2.26 0.00	54.52 -2.15 0.00	60.83 -2.54 0.00	62.28 -2.60 0.00	57.34 -2.39 0.00	56.59 -2.36 0.00	54.27 -2.38 0.00	53.29 -2.33 0.00	52.91 -2.32 0.00	53.34 -2.28 0.00	60.87 -2.47 0.00	66.35 -2.77 0.00	87.05 -3.44 0.00	84.23 -3.33 0.00	69.81 -2.76 0.00	69.81 -2.76 0.00	64.22 -2.54 0.00	65.18 -2.50 0.00	63.83 -2.45 0.00
SITHE_IND_GS4 24172	74.67 -3.03 0.00	62.89 -2.55 0.00	56.83 -2.31 0.00	52.37 -2.18 0.00	54.04 -2.13 0.00	57.16 -2.26 0.00	54.52 -2.15 0.00	60.83 -2.54 0.00	62.28 -2.60 0.00	57.34 -2.39 0.00	56.59 -2.36 0.00	54.27 -2.38 0.00	53.29 -2.33 0.00	52.91 -2.32 0.00	53.34 -2.28 0.00	60.87 -2.47 0.00	66.35 -2.77 0.00	87.05 -3.44 0.00	84.23 -3.33 0.00	69.81 -2.76 0.00	69.81 -2.76 0.00	64.22 -2.54 0.00	65.18 -2.50 0.00	63.83 -2.45 0.00

SITHE___BATAVIA 24024	74.91 -2.79 0.00	63.48 -1.96 0.00	57.42 -1.72 0.00	52.86 -1.69 0.00	54.94 -1.24 0.00	57.87 -1.55 0.00	54.75 -1.93 0.00	59.75 -3.61 0.00	60.85 -4.02 0.00	56.09 -3.65 0.00	55.35 -3.60 0.00	52.85 -3.79 0.00	51.89 -3.73 0.00	51.69 -3.54 0.00	52.00 -3.61 0.00	59.86 -3.48 0.00	64.55 -4.56 0.00	85.33 -5.15 0.00	82.91 -4.64 0.00	68.72 -3.85 0.00	68.72 -3.85 0.00	63.56 -3.20 0.00	65.58 -2.10 0.00	64.76 -1.52 0.00
SITHE___INDEPEND 23800	74.67 -3.03 0.00	62.89 -2.55 0.00	56.83 -2.31 0.00	52.37 -2.18 0.00	54.04 -2.13 0.00	57.16 -2.26 0.00	54.52 -2.15 0.00	60.83 -2.53 0.00	62.28 -2.60 0.00	57.35 -2.39 0.00	56.59 -2.36 0.00	54.27 -2.38 0.00	53.28 -2.34 0.00	52.91 -2.32 0.00	53.34 -2.28 0.00	60.87 -2.47 0.00	66.35 -2.76 0.00	87.05 -3.44 0.00	84.32 -3.24 0.00	69.81 -2.76 0.00	69.81 -2.76 0.00	64.22 -2.54 0.00	65.18 -2.50 0.00	63.83 -2.45 0.00
SITHE___MASSENA 23902	77.71 0.00 0.00	66.03 0.59 0.00	59.67 0.53 0.00	55.26 0.71 0.00	56.68 0.50 0.00	59.89 0.47 0.00	56.90 0.23 0.00	63.74 0.38 0.00	65.01 0.13 0.00	59.97 0.24 0.00	59.18 0.24 0.00	56.99 0.34 0.00	56.01 0.39 0.00	55.56 0.33 0.00	55.84 0.22 0.00	63.53 0.19 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	87.03 -0.52 0.00	72.42 -0.14 0.00	72.42 -0.14 0.00	66.89 0.13 0.00	67.88 0.20 0.00	66.81 0.53 0.00
SITHE___OGDNSBRG 24021	78.48 0.78 0.00	66.81 1.37 0.00	60.32 1.18 0.00	55.92 1.36 0.00	57.35 1.18 0.00	60.55 1.13 0.00	57.47 0.79 0.00	64.63 1.27 0.00	65.79 0.91 0.00	60.63 0.90 0.00	59.89 0.94 0.00	57.61 0.96 0.00	56.68 1.06 0.00	56.22 0.99 0.00	56.51 0.89 0.00	64.16 0.82 0.00	70.01 0.90 0.00	91.21 0.72 0.00	88.17 0.61 0.00	73.36 0.80 0.00	73.36 0.80 0.00	67.70 0.93 0.00	69.03 1.35 0.00	67.87 1.59 0.00
SITHE___STERLING 23777	80.12 2.41 0.00	67.40 1.96 0.00	60.91 1.77 0.00	56.08 1.53 0.00	57.92 1.74 0.00	61.26 1.84 0.00	58.49 1.81 0.00	65.64 2.28 0.00	67.02 2.14 0.00	61.70 1.97 0.00	60.83 1.89 0.00	58.18 1.53 0.00	57.12 1.50 0.00	56.72 1.49 0.00	57.17 1.56 0.00	65.37 2.03 0.00	71.32 2.21 0.00	93.29 2.81 0.00	90.44 2.89 0.00	74.89 2.32 0.00	74.89 2.32 0.00	68.76 2.00 0.00	69.71 2.03 0.00	68.54 2.25 0.00
SLEIGHT__34_KV_TB1 80719	75.37 -2.33 0.00	63.61 -1.83 0.00	57.42 -1.72 0.00	52.92 -1.64 0.00	54.77 -1.40 0.00	57.87 -1.54 0.00	55.09 -1.59 0.00	61.14 -2.22 0.00	62.41 -2.47 0.00	57.52 -2.21 0.00	56.71 -2.24 0.00	54.21 -2.44 0.00	53.23 -2.39 0.00	52.91 -2.32 0.00	53.34 -2.28 0.00	61.25 -2.09 0.00	66.56 -2.56 0.00	87.68 -2.80 0.00	85.02 -2.54 0.00	70.39 -2.18 0.00	70.39 -2.18 0.00	64.82 -1.94 0.00	66.12 -1.56 0.00	64.76 -1.52 0.00
SOUTH CAIRO___GT 23612	84.47 6.76 0.00	70.81 5.37 0.00	63.93 4.79 0.00	58.70 4.15 0.00	60.67 4.49 0.00	64.29 4.87 0.00	61.15 4.48 0.00	68.30 4.94 0.00	70.46 5.58 0.00	64.04 4.30 0.00	62.84 3.89 0.00	60.21 3.57 0.00	59.01 3.39 0.00	58.60 3.37 0.00	59.29 3.67 0.00	67.58 4.24 0.00	74.23 5.11 0.00	97.36 6.88 0.00	94.21 6.65 0.00	78.15 5.59 0.00	78.01 5.44 0.00	71.63 4.87 0.00	72.35 4.67 0.00	70.79 4.51 0.00
SOUTH HAMPTN___IC 23720	85.94 8.23 0.00	71.79 6.35 0.00	65.29 6.15 0.00	59.85 5.29 0.00	61.74 5.56 0.00	65.66 6.24 -0.01	61.89 5.21 0.00	70.21 6.85 0.00	71.95 7.07 0.00	65.59 5.86 0.00	65.61 6.66 0.00	62.20 5.55 0.00	60.91 5.29 0.00	60.87 5.64 0.00	62.18 6.56 0.00	71.58 8.23 -0.01	98.91 9.26 -20.54	102.82 12.30 -0.03	99.31 11.74 -0.02	98.43 9.43 -16.43	90.89 9.50 -8.82	90.32 8.68 -14.89	75.81 8.12 -0.01	73.77 7.49 0.00
SOUTHDOW_115KV_TB1 355954	78.33 0.62 0.00	66.22 0.79 0.00	59.91 0.77 0.00	55.26 0.71 0.00	57.41 1.24 0.00	60.25 0.83 0.00	57.36 0.68 0.00	62.22 -1.14 0.00	63.39 -1.49 0.00	58.54 -1.19 0.00	57.95 -1.00 0.00	55.23 -1.42 0.00	54.23 -1.39 0.00	54.24 -0.99 0.00	54.34 -1.28 0.00	62.26 -1.08 0.00	66.97 -2.14 0.00	88.31 -2.17 0.00	86.07 -1.49 0.00	71.48 -1.09 0.00	71.48 -1.09 0.00	66.03 -0.73 0.00	68.42 0.74 0.00	67.54 1.26 0.00
SOUTHOLD_69_KV_BK 2 55809	86.18 8.47 0.00	71.98 6.54 0.00	65.41 6.27 0.00	60.01 5.46 0.00	61.85 5.67 0.00	65.84 6.42 -0.01	62.00 5.33 0.00	70.46 7.10 0.00	72.27 7.40 0.00	65.77 6.03 0.00	65.67 6.72 0.00	62.42 5.78 0.00	60.90 5.28 0.00	60.92 5.69 0.00	62.40 6.79 0.00	72.28 8.93 -0.01	99.67 10.02 -20.54	103.91 13.39 -0.03	100.18 12.61 -0.02	99.23 10.23 -16.43	91.54 10.16 -8.82	91.00 9.35 -14.89	76.42 8.73 -0.01	74.23 7.95 0.00
SOUTHOLD___IC 23719	86.18 8.47 0.00	71.98 6.54 0.00	65.40 6.27 0.00	60.01 5.45 0.00	61.84 5.67 0.00	65.84 6.42 -0.01	62.00 5.33 0.00	70.52 7.16 0.00	72.27 7.39 0.00	65.77 6.03 0.00	65.84 6.89 0.00	62.43 5.78 0.00	61.18 5.56 0.00	61.20 5.97 0.00	62.63 7.01 0.00	72.21 8.87 -0.01	99.67 10.02 -20.54	103.90 13.39 -0.03	100.26 12.69 -0.02	99.23 10.23 -16.43	91.54 10.16 -8.82	91.00 9.35 -14.89	76.42 8.73 -0.01	74.50 8.22 0.00
SOUTH_FORK_WT_PWR 323839	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.34 5.16 0.00	65.37 5.94 -0.01	61.55 4.87 0.00	70.01 6.65 0.00	71.75 6.87 0.00	65.35 5.61 0.00	65.43 6.48 0.00	62.08 5.44 0.00	60.85 5.23 0.00	60.92 5.69 0.00	62.35 6.73 0.00	71.96 8.61 -0.01	99.32 9.68 -20.54	103.45 12.94 -0.03	99.83 12.26 -0.02	98.79 9.79 -16.43	91.11 9.73 -8.82	90.66 9.01 -14.89	76.21 8.53 -0.01	74.30 8.02 0.00
SPIERFLS_115KV_TB 1 80737	82.99 5.28 0.00	69.43 3.99 0.00	62.86 3.73 0.00	57.67 3.11 0.00	59.60 3.43 0.00	63.16 3.74 0.00	60.30 3.63 0.00	67.29 3.93 0.00	69.16 4.28 0.00	63.50 3.76 0.00	62.48 3.54 0.00	59.87 3.23 0.00	58.57 2.95 0.00	58.10 2.87 0.00	58.68 3.06 0.00	67.39 4.05 0.00	73.81 4.70 0.00	97.00 6.51 0.00	94.03 6.48 0.00	77.64 5.08 0.00	77.64 5.08 0.00	71.17 4.41 0.00	72.01 4.33 0.00	70.39 4.11 0.00
ST LAWRENCE____ 23600	77.17 -0.54 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.66 0.11 0.00	56.06 -0.11 0.00	59.30 -0.12 0.00	56.40 -0.28 0.00	63.05 -0.32 0.00	64.43 -0.45 0.00	59.44 -0.30 0.00	58.65 -0.29 0.00	56.42 -0.23 0.00	55.45 -0.17 0.00	55.01 -0.22 0.00	55.34 -0.28 0.00	62.90 -0.44 0.00	68.49 -0.62 0.00	89.40 -1.08 0.00	86.42 -1.14 0.00	71.77 -0.80 0.00	71.77 -0.80 0.00	66.22 -0.54 0.00	67.14 -0.54 0.00	66.08 -0.20 0.00
STATE_CA_115KV_115_LB 55624	81.05 3.34 0.00	68.12 2.68 0.00	61.56 2.42 0.00	56.63 2.07 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.11 2.44 0.00	66.02 2.66 0.00	67.80 2.92 0.00	62.30 2.57 0.00	61.42 2.48 0.00	59.03 2.38 0.00	57.90 2.28 0.00	57.44 2.21 0.00	57.96 2.34 0.00	65.68 2.34 0.00	71.60 2.49 0.00	93.65 3.17 0.00	90.71 3.15 0.00	75.10 2.54 0.00	75.03 2.47 0.00	68.96 2.20 0.00	69.71 2.03 0.00	68.14 1.86 0.00

STATE_ST_34_KV_LOAD 55959	76.77 -0.93 0.00	64.65 -0.79 0.00	58.37 -0.77 0.00	53.74 -0.82 0.00	55.56 -0.62 0.00	58.76 -0.65 0.00	56.05 -0.62 0.00	62.66 -0.70 0.00	64.10 -0.78 0.00	59.08 -0.66 0.00	58.24 -0.71 0.00	55.74 -0.91 0.00	54.73 -0.89 0.00	54.35 -0.88 0.00	54.79 -0.83 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.67 -0.81 0.00	86.94 -0.61 0.00	71.98 -0.58 0.00	71.91 -0.65 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00
STATION 5_MISC_HYD 23604	74.91 -2.79 0.00	63.28 -2.16 0.00	57.24 -1.89 0.00	52.70 -1.86 0.00	54.66 -1.51 0.00	57.64 -1.78 0.00	54.69 -1.99 0.00	60.26 -3.10 0.00	61.50 -3.38 0.00	56.69 -3.04 0.00	55.88 -3.07 0.00	53.47 -3.17 0.00	52.51 -3.11 0.00	52.25 -2.98 0.00	52.61 -3.00 0.00	60.36 -2.98 0.00	65.45 -3.67 0.00	86.32 -4.16 0.00	83.71 -3.85 0.00	69.37 -3.19 0.00	69.37 -3.19 0.00	64.02 -2.74 0.00	65.58 -2.10 0.00	64.49 -1.79 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	76.07 -1.63 0.00	64.20 -1.24 0.00	58.02 -1.12 0.00	53.41 -1.15 0.00	55.33 -0.84 0.00	58.47 -0.95 0.00	55.60 -1.08 0.00	61.59 -1.77 0.00	62.87 -2.01 0.00	57.94 -1.79 0.00	57.06 -1.89 0.00	54.55 -2.10 0.00	53.56 -2.06 0.00	53.24 -1.99 0.00	53.67 -1.95 0.00	61.69 -1.65 0.00	67.11 -2.00 0.00	88.40 -2.08 0.00	85.72 -1.84 0.00	70.97 -1.60 0.00	70.90 -1.67 0.00	65.36 -1.40 0.00	66.67 -1.02 0.00	65.35 -0.93 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	74.60 -3.11 0.00	63.02 -2.42 0.00	56.95 -2.19 0.00	52.48 -2.07 0.00	54.38 -1.80 0.00	57.40 -2.02 0.00	54.52 -2.15 0.00	60.13 -3.23 0.00	61.37 -3.50 0.00	56.51 -3.23 0.00	55.76 -3.18 0.00	53.30 -3.34 0.00	52.39 -3.23 0.00	52.08 -3.15 0.00	52.50 -3.11 0.00	60.24 -3.10 0.00	65.31 -3.80 0.00	86.14 -4.34 0.00	83.53 -4.03 0.00	69.23 -3.34 0.00	69.15 -3.41 0.00	63.82 -2.94 0.00	65.38 -2.30 0.00	64.23 -2.05 0.00
STA_56___34_KV_BUS2 355883	74.60 -3.11 0.00	63.02 -2.42 0.00	56.95 -2.19 0.00	52.48 -2.07 0.00	54.38 -1.80 0.00	57.40 -2.02 0.00	54.52 -2.15 0.00	60.13 -3.23 0.00	61.37 -3.50 0.00	56.51 -3.23 0.00	55.76 -3.18 0.00	53.30 -3.34 0.00	52.39 -3.23 0.00	52.08 -3.15 0.00	52.50 -3.11 0.00	60.24 -3.10 0.00	65.31 -3.80 0.00	86.14 -4.34 0.00	83.53 -4.03 0.00	69.23 -3.34 0.00	69.15 -3.41 0.00	63.82 -2.94 0.00	65.38 -2.30 0.00	64.23 -2.05 0.00
STA_67___115KV_BK2 355882	74.75 -2.95 0.00	63.15 -2.29 0.00	57.13 -2.01 0.00	52.59 -1.96 0.00	54.54 -1.63 0.00	57.51 -1.90 0.00	54.58 -2.10 0.00	60.13 -3.23 0.00	61.37 -3.50 0.00	56.51 -3.23 0.00	55.76 -3.18 0.00	53.36 -3.29 0.00	52.39 -3.23 0.00	52.14 -3.09 0.00	52.50 -3.11 0.00	60.24 -3.10 0.00	65.24 -3.87 0.00	86.05 -4.43 0.00	83.44 -4.12 0.00	69.15 -3.41 0.00	69.15 -3.41 0.00	63.82 -2.94 0.00	65.45 -2.23 0.00	64.36 -1.92 0.00
STA_7___115KV_9TRANS 80674	75.22 -2.49 0.00	63.61 -1.83 0.00	57.48 -1.66 0.00	52.92 -1.64 0.00	54.88 -1.29 0.00	57.93 -1.49 0.00	54.98 -1.70 0.00	60.57 -2.79 0.00	61.83 -3.05 0.00	56.99 -2.75 0.00	56.18 -2.77 0.00	53.70 -2.95 0.00	52.78 -2.84 0.00	52.47 -2.76 0.00	52.89 -2.73 0.00	60.74 -2.60 0.00	65.86 -3.25 0.00	86.77 -3.71 0.00	84.14 -3.41 0.00	69.81 -2.76 0.00	69.73 -2.83 0.00	64.36 -2.40 0.00	65.99 -1.69 0.00	64.82 -1.46 0.00
STA_82___115KV_TB1 80780	74.75 -2.95 0.00	63.15 -2.29 0.00	57.13 -2.01 0.00	52.59 -1.96 0.00	54.54 -1.63 0.00	57.51 -1.90 0.00	54.64 -2.04 0.00	60.13 -3.23 0.00	61.37 -3.50 0.00	56.51 -3.23 0.00	55.76 -3.18 0.00	53.36 -3.29 0.00	52.39 -3.23 0.00	52.14 -3.09 0.00	52.50 -3.11 0.00	60.24 -3.10 0.00	65.24 -3.87 0.00	86.05 -4.43 0.00	83.53 -4.03 0.00	69.15 -3.41 0.00	69.15 -3.41 0.00	63.82 -2.94 0.00	65.45 -2.23 0.00	64.36 -1.92 0.00
STEEL___WIND 323596	74.83 -2.87 0.00	63.41 -2.03 0.00	57.42 -1.72 0.00	52.97 -1.58 0.00	54.94 -1.24 0.00	57.75 -1.66 0.00	54.81 -1.87 0.00	59.24 -4.12 0.00	60.40 -4.48 0.00	55.73 -4.00 0.00	55.17 -3.77 0.00	52.63 -4.02 0.00	51.73 -3.89 0.00	51.64 -3.59 0.00	51.89 -3.73 0.00	59.35 -3.99 0.00	63.72 -5.39 0.00	84.24 -6.24 0.00	81.95 -5.61 0.00	68.07 -4.50 0.00	68.14 -4.43 0.00	63.09 -3.67 0.00	65.38 -2.30 0.00	64.76 -1.52 0.00
STEPHTWN_115KV_BK_2 55603	81.82 4.12 0.00	68.65 3.21 0.00	62.04 2.90 0.00	57.01 2.45 0.00	58.81 2.64 0.00	62.39 2.97 0.00	59.68 3.00 0.00	66.72 3.36 0.00	68.58 3.70 0.00	62.96 3.23 0.00	62.01 3.07 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.88 2.65 0.00	58.46 2.84 0.00	66.32 2.98 0.00	72.29 3.18 0.00	94.74 4.25 0.00	91.76 4.20 0.00	75.98 3.41 0.00	75.83 3.27 0.00	69.70 2.94 0.00	70.39 2.71 0.00	68.73 2.45 0.00
STEUBEN_REC_LFGE 323667	79.03 1.32 0.00	66.62 1.18 0.00	60.26 1.12 0.00	55.43 0.87 0.00	57.63 1.46 0.00	60.66 1.25 0.00	57.75 1.08 0.00	63.55 0.19 0.00	64.75 -0.13 0.00	59.62 -0.12 0.00	58.83 -0.12 0.00	55.97 -0.68 0.00	55.01 -0.61 0.00	54.62 -0.61 0.00	55.06 -0.56 0.00	63.47 0.13 0.00	68.84 -0.28 0.00	90.76 0.27 0.00	88.26 0.70 0.00	73.29 0.73 0.00	73.22 0.65 0.00	67.70 0.93 0.00	69.30 1.62 0.00	68.00 1.72 0.00
STILLWATER___SOLAR 323814	82.60 4.90 0.00	69.23 3.79 0.00	62.63 3.49 0.00	57.50 2.94 0.00	59.37 3.20 0.00	62.86 3.44 0.00	60.02 3.34 0.00	67.04 3.67 0.00	68.77 3.89 0.00	63.14 3.40 0.00	62.19 3.24 0.00	59.65 3.00 0.00	58.51 2.89 0.00	58.04 2.82 0.00	58.62 3.00 0.00	67.08 3.74 0.00	73.33 4.22 0.00	96.28 5.80 0.00	93.24 5.69 0.00	77.07 4.50 0.00	77.14 4.57 0.00	70.77 4.01 0.00	71.67 3.99 0.00	70.06 3.78 0.00
STONY___BROOK 24151	85.01 7.30 0.00	71.00 5.56 0.00	64.52 5.38 0.00	59.19 4.63 0.00	61.00 4.83 0.00	64.83 5.41 -0.01	61.33 4.65 0.00	69.51 6.14 0.00	71.24 6.36 0.00	65.11 5.38 0.00	64.96 6.02 0.00	61.63 4.99 0.00	60.35 4.73 0.00	60.25 5.03 0.00	61.40 5.78 0.00	70.56 7.22 -0.01	97.74 8.01 -20.61	101.09 10.58 -0.03	97.64 10.06 -0.02	97.18 8.13 -16.49	89.69 8.27 -8.85	89.12 7.41 -14.94	74.66 6.97 -0.01	72.51 6.23 0.00
STURGEON_POOL_HYD 23609	83.22 5.52 0.00	69.69 4.25 0.00	62.92 3.78 0.00	57.83 3.27 0.00	59.66 3.48 0.00	63.16 3.74 0.00	60.36 3.68 0.00	67.67 4.31 0.00	69.87 5.00 0.00	64.04 4.30 0.00	63.02 4.07 0.00	60.33 3.68 0.00	59.07 3.45 0.00	58.65 3.42 0.00	59.35 3.73 0.00	68.03 4.69 0.00	74.85 5.74 0.00	97.90 7.42 0.00	94.56 7.00 0.00	78.30 5.73 0.00	78.37 5.81 0.00	71.90 5.14 0.00	72.35 4.67 0.00	70.66 4.37 0.00
ST_LAW_115_BK7_LBMP 345037	77.08 -0.62 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.66 0.11 0.00	56.06 -0.11 0.00	59.30 -0.12 0.00	56.40 -0.28 0.00	63.05 -0.32 0.00	64.43 -0.45 0.00	59.38 -0.36 0.00	58.60 -0.35 0.00	56.42 -0.23 0.00	55.45 -0.17 0.00	55.01 -0.22 0.00	55.34 -0.28 0.00	62.90 -0.44 0.00	68.49 -0.62 0.00	89.31 -1.18 0.00	86.33 -1.23 0.00	71.77 -0.80 0.00	71.77 -0.80 0.00	66.16 -0.60 0.00	67.14 -0.54 0.00	66.08 -0.20 0.00

ST_LAW_115_BK8_LBMP 345038	77.08 -0.62 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.66 0.11 0.00	56.06 -0.11 0.00	59.30 -0.12 0.00	56.40 -0.28 0.00	63.05 -0.32 0.00	64.43 -0.45 0.00	59.38 -0.36 0.00	58.60 -0.35 0.00	56.42 -0.23 0.00	55.45 -0.17 0.00	55.01 -0.22 0.00	55.34 -0.28 0.00	62.90 -0.44 0.00	68.49 -0.62 0.00	89.31 -1.18 0.00	86.33 -1.23 0.00	71.77 -0.80 0.00	71.77 -0.80 0.00	66.16 -0.60 0.00	67.14 -0.54 0.00	66.08 -0.20 0.00
ST_LAW_230_BK5_LBMP 345035	77.17 -0.54 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.66 0.11 0.00	56.06 -0.11 0.00	59.30 -0.12 0.00	56.40 -0.28 0.00	63.05 -0.32 0.00	64.43 -0.45 0.00	59.44 -0.30 0.00	58.65 -0.29 0.00	56.42 -0.23 0.00	55.45 -0.17 0.00	55.01 -0.22 0.00	55.34 -0.28 0.00	62.90 -0.44 0.00	68.49 -0.62 0.00	89.40 -1.08 0.00	86.42 -1.14 0.00	71.77 -0.80 0.00	71.77 -0.80 0.00	66.22 -0.54 0.00	67.14 -0.54 0.00	66.08 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	77.17 -0.54 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.66 0.11 0.00	56.06 -0.11 0.00	59.30 -0.12 0.00	56.40 -0.28 0.00	63.05 -0.32 0.00	64.43 -0.45 0.00	59.44 -0.30 0.00	58.65 -0.29 0.00	56.42 -0.23 0.00	55.45 -0.17 0.00	55.01 -0.22 0.00	55.34 -0.28 0.00	62.90 -0.44 0.00	68.49 -0.62 0.00	89.40 -1.08 0.00	86.42 -1.14 0.00	71.77 -0.80 0.00	71.77 -0.80 0.00	66.22 -0.54 0.00	67.14 -0.54 0.00	66.08 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	80.74 3.03 0.00	67.66 2.22 0.00	61.15 2.01 0.00	56.25 1.69 0.00	57.97 1.80 0.00	61.38 1.96 0.00	58.72 2.04 0.00	65.83 2.47 0.00	67.73 2.85 0.00	62.30 2.57 0.00	61.42 2.48 0.00	58.91 2.27 0.00	57.73 2.11 0.00	57.27 2.04 0.00	57.90 2.28 0.00	66.19 2.85 0.00	72.43 3.32 0.00	94.83 4.34 0.00	91.67 4.12 0.00	75.90 3.34 0.00	75.90 3.34 0.00	69.70 2.94 0.00	70.18 2.50 0.00	68.53 2.25 0.00
SWANROAD_115KV_TB1 355699	71.88 -5.83 0.00	60.99 -4.45 0.00	55.24 -3.90 0.00	50.95 -3.60 0.00	52.86 -3.31 0.00	55.55 -3.86 0.00	52.60 -4.08 0.00	56.65 -6.72 0.00	57.74 -7.14 0.00	53.28 -6.45 0.00	52.76 -6.19 0.00	50.36 -6.29 0.00	49.50 -6.12 0.00	49.43 -5.80 0.00	49.67 -5.95 0.00	56.75 -6.59 0.00	60.75 -8.36 0.00	80.44 -10.04 0.00	78.27 -9.28 0.00	65.02 -7.55 0.00	65.09 -7.47 0.00	60.35 -6.41 0.00	62.81 -4.87 0.00	62.24 -4.04 0.00
SYNERGY___BIOGAS 323694	74.91 -2.79 0.00	63.48 -1.96 0.00	57.42 -1.72 0.00	52.86 -1.69 0.00	54.94 -1.24 0.00	57.87 -1.55 0.00	54.75 -1.93 0.00	59.75 -3.61 0.00	60.85 -4.02 0.00	56.09 -3.65 0.00	55.35 -3.60 0.00	52.85 -3.79 0.00	51.89 -3.73 0.00	51.69 -3.54 0.00	52.00 -3.61 0.00	59.86 -3.48 0.00	64.55 -4.56 0.00	85.33 -5.15 0.00	82.91 -4.64 0.00	68.72 -3.85 0.00	68.72 -3.85 0.00	63.56 -3.20 0.00	65.58 -2.10 0.00	64.76 -1.52 0.00
SYRACUSE___ENERGY_ST1 323597	76.62 -1.09 0.00	64.52 -0.92 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.44 -0.73 0.00	58.64 -0.77 0.00	55.94 -0.74 0.00	62.54 -0.82 0.00	63.97 -0.91 0.00	58.90 -0.84 0.00	58.12 -0.83 0.00	55.68 -0.96 0.00	54.67 -0.95 0.00	54.29 -0.94 0.00	54.73 -0.89 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.58 -0.90 0.00	86.86 -0.70 0.00	71.91 -0.65 0.00	71.84 -0.73 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00
SYRACUSE___ENERGY_ST2 323598	76.62 -1.09 0.00	64.52 -0.92 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.44 -0.73 0.00	58.64 -0.77 0.00	55.94 -0.74 0.00	62.54 -0.82 0.00	63.97 -0.91 0.00	58.90 -0.84 0.00	58.12 -0.83 0.00	55.68 -0.96 0.00	54.67 -0.95 0.00	54.29 -0.94 0.00	54.73 -0.89 0.00	62.64 -0.70 0.00	68.28 -0.83 0.00	89.58 -0.90 0.00	86.86 -0.70 0.00	71.91 -0.65 0.00	71.84 -0.73 0.00	66.16 -0.60 0.00	67.07 -0.61 0.00	65.55 -0.73 0.00
SYRACUSE___POWER 24017	76.62 -1.09 0.00	64.46 -0.98 0.00	58.19 -0.95 0.00	53.63 -0.93 0.00	55.39 -0.79 0.00	58.58 -0.83 0.00	55.88 -0.79 0.00	62.41 -0.95 0.00	63.84 -1.04 0.00	58.84 -0.90 0.00	58.06 -0.88 0.00	55.63 -1.02 0.00	54.62 -1.00 0.00	54.24 -0.99 0.00	54.67 -0.95 0.00	62.52 -0.82 0.00	68.21 -0.90 0.00	89.49 -1.00 0.00	86.68 -0.88 0.00	71.77 -0.80 0.00	71.77 -0.80 0.00	66.03 -0.73 0.00	66.94 -0.74 0.00	65.49 -0.80 0.00
TALLMAN___138KV_BK151 55660	80.74 3.03 0.00	67.60 2.16 0.00	61.09 1.95 0.00	56.19 1.64 0.00	57.91 1.74 0.00	61.32 1.90 0.00	58.72 2.04 0.00	65.90 2.53 0.00	67.73 2.85 0.00	62.36 2.63 0.00	61.48 2.53 0.00	58.97 2.32 0.00	57.79 2.17 0.00	57.33 2.10 0.00	57.96 2.34 0.00	66.25 2.91 0.00	72.50 3.39 0.00	94.92 4.43 0.00	91.76 4.20 0.00	75.90 3.34 0.00	75.98 3.41 0.00	69.70 2.94 0.00	70.18 2.50 0.00	68.53 2.25 0.00
TEALLAVE_115KV_TB7 355573	76.23 -1.48 0.00	64.20 -1.24 0.00	57.96 -1.18 0.00	53.41 -1.15 0.00	55.16 -1.01 0.00	58.35 -1.07 0.00	55.66 -1.02 0.00	62.16 -1.20 0.00	63.58 -1.30 0.00	58.54 -1.19 0.00	57.77 -1.18 0.00	55.34 -1.30 0.00	54.34 -1.28 0.00	53.96 -1.27 0.00	54.40 -1.22 0.00	62.20 -1.14 0.00	67.80 -1.31 0.00	88.95 -1.54 0.00	86.24 -1.31 0.00	71.40 -1.16 0.00	71.40 -1.16 0.00	65.69 -1.07 0.00	66.67 -1.02 0.00	65.15 -1.13 0.00
TELGRAPH_34_KV_EAST 80808	73.74 -3.96 0.00	62.49 -2.94 0.00	56.60 -2.54 0.00	52.15 -2.40 0.00	54.15 -2.02 0.00	56.98 -2.44 0.00	53.90 -2.78 0.00	58.48 -4.88 0.00	59.62 -5.26 0.00	54.96 -4.78 0.00	54.35 -4.60 0.00	51.83 -4.81 0.00	51.00 -4.62 0.00	50.81 -4.42 0.00	51.11 -4.51 0.00	58.65 -4.69 0.00	62.96 -6.15 0.00	83.25 -7.24 0.00	80.99 -6.57 0.00	67.27 -5.30 0.00	67.19 -5.37 0.00	62.22 -4.54 0.00	64.50 -3.18 0.00	63.76 -2.52 0.00
TEMPLE___115KV_TB 2 55572	76.31 -1.40 0.00	64.20 -1.24 0.00	58.02 -1.12 0.00	53.46 -1.09 0.00	55.22 -0.95 0.00	58.35 -1.07 0.00	55.66 -1.02 0.00	62.16 -1.20 0.00	63.58 -1.30 0.00	58.54 -1.19 0.00	57.77 -1.18 0.00	55.40 -1.25 0.00	54.34 -1.28 0.00	54.01 -1.22 0.00	54.45 -1.17 0.00	62.26 -1.08 0.00	67.87 -1.24 0.00	89.04 -1.45 0.00	86.24 -1.31 0.00	71.40 -1.16 0.00	71.40 -1.16 0.00	65.76 -1.00 0.00	66.67 -1.02 0.00	65.22 -1.06 0.00
TIANA____69_KV_BK 1 55817	85.86 8.16 0.00	71.79 6.35 0.00	65.23 6.09 0.00	59.85 5.29 0.00	61.68 5.50 0.00	65.55 6.12 -0.01	61.83 5.16 0.00	70.14 6.78 0.00	71.88 7.01 0.00	65.53 5.79 0.00	65.37 6.43 0.00	62.14 5.49 0.00	60.57 4.95 0.00	60.48 5.25 0.00	61.85 6.23 0.00	71.52 8.17 -0.01	98.70 9.05 -20.54	102.64 12.12 -0.03	98.96 11.38 -0.02	98.28 9.29 -16.43	90.75 9.36 -8.82	90.13 8.48 -14.89	75.61 7.92 -0.01	73.37 7.09 0.00
TILDEN___115KV_TB1 80814	76.62 -1.09 0.00	64.46 -0.98 0.00	58.19 -0.95 0.00	53.63 -0.93 0.00	55.39 -0.79 0.00	58.58 -0.83 0.00	55.88 -0.79 0.00	62.41 -0.95 0.00	63.84 -1.04 0.00	58.84 -0.90 0.00	58.06 -0.88 0.00	55.63 -1.02 0.00	54.62 -1.00 0.00	54.24 -0.99 0.00	54.67 -0.95 0.00	62.52 -0.82 0.00	68.21 -0.90 0.00	89.49 -1.00 0.00	86.68 -0.88 0.00	71.77 -0.80 0.00	71.77 -0.80 0.00	66.03 -0.73 0.00	66.94 -0.74 0.00	65.49 -0.80 0.00

TRIGEN___CC 323695	82.68 4.97 0.00	69.17 3.73 0.00	62.75 3.61 0.00	57.67 3.11 0.00	59.43 3.26 0.00	63.00 3.56 -0.02	59.91 3.23 0.00	67.54 4.18 0.00	69.35 4.48 0.00	63.62 3.88 0.00	62.96 4.01 0.00	60.10 3.46 0.00	58.68 3.06 0.00	58.43 3.20 0.00	59.40 3.78 0.00	68.28 4.94 0.00	108.44 5.39 -33.93	97.47 6.97 -0.02	94.23 6.65 -0.02	105.08 5.37 -27.15	92.72 5.59 -14.57	96.30 4.94 -24.60	72.22 4.53 0.00	70.13 3.84 0.00
TRINITY___115KV___4 BK 55933	80.89 3.19 0.00	67.99 2.55 0.00	61.45 2.31 0.00	56.52 1.96 0.00	58.31 2.13 0.00	61.67 2.26 0.00	58.94 2.27 0.00	65.90 2.53 0.00	67.67 2.79 0.00	62.18 2.45 0.00	61.25 2.30 0.00	58.91 2.27 0.00	57.79 2.17 0.00	57.33 2.10 0.00	57.84 2.22 0.00	65.56 2.22 0.00	71.46 2.35 0.00	93.38 2.90 0.00	90.36 2.80 0.00	74.89 2.32 0.00	74.81 2.25 0.00	68.83 2.07 0.00	69.51 1.83 0.00	67.94 1.66 0.00
UNION___PROCESSING_DRP 323587	74.75 -2.95 0.00	63.21 -2.22 0.00	57.13 -2.01 0.00	52.65 -1.91 0.00	54.54 -1.63 0.00	57.57 -1.84 0.00	54.64 -2.04 0.00	60.13 -3.23 0.00	61.37 -3.50 0.00	56.57 -3.17 0.00	55.82 -3.12 0.00	53.36 -3.29 0.00	52.39 -3.23 0.00	52.14 -3.09 0.00	52.50 -3.11 0.00	60.24 -3.10 0.00	65.24 -3.87 0.00	86.14 -4.34 0.00	83.53 -4.03 0.00	69.23 -3.34 0.00	69.23 -3.34 0.00	63.89 -2.87 0.00	65.51 -2.17 0.00	64.36 -1.92 0.00
UPPER HUDSON___HYD 24058	82.99 5.29 0.00	69.43 3.99 0.00	62.87 3.73 0.00	57.66 3.11 0.00	59.60 3.43 0.00	63.16 3.75 0.00	60.31 3.63 0.00	67.29 3.93 0.00	69.16 4.28 0.00	63.50 3.77 0.00	62.48 3.54 0.00	59.87 3.23 0.00	58.62 3.00 0.00	58.15 2.93 0.00	58.73 3.11 0.00	67.40 4.06 0.00	73.82 4.70 0.00	97.00 6.52 0.00	94.03 6.48 0.00	77.64 5.08 0.00	77.64 5.08 0.00	71.17 4.41 0.00	72.08 4.40 0.00	70.39 4.11 0.00
UPPER RAQUET___HYD 24056	76.78 -0.93 0.00	65.37 -0.07 0.00	59.02 -0.12 0.00	54.72 0.16 0.00	56.12 -0.06 0.00	59.12 -0.30 0.00	56.05 -0.62 0.00	62.92 -0.44 0.00	64.17 -0.71 0.00	59.14 -0.60 0.00	58.54 -0.41 0.00	56.48 -0.17 0.00	55.51 -0.11 0.00	55.01 -0.22 0.00	55.29 -0.33 0.00	62.83 -0.51 0.00	68.29 -0.83 0.00	88.76 -1.72 0.00	85.81 -1.75 0.00	71.48 -1.09 0.00	71.48 -1.09 0.00	65.96 -0.80 0.00	67.07 -0.61 0.00	66.21 -0.07 0.00
VALLEY44_115KV_TB2 355964	76.07 -1.63 0.00	64.33 -1.11 0.00	58.25 -0.89 0.00	53.68 -0.87 0.00	55.67 -0.51 0.00	58.58 -0.83 0.00	55.77 -0.91 0.00	60.57 -2.79 0.00	61.76 -3.11 0.00	56.99 -2.75 0.00	56.35 -2.59 0.00	53.81 -2.83 0.00	52.84 -2.78 0.00	52.69 -2.54 0.00	52.95 -2.67 0.00	60.62 -2.72 0.00	65.38 -3.73 0.00	86.23 -4.25 0.00	83.88 -3.68 0.00	69.59 -2.98 0.00	69.59 -2.98 0.00	64.42 -2.34 0.00	66.39 -1.29 0.00	65.75 -0.53 0.00
VALLEY___115KV_TB 1-4 80826	80.97 3.26 0.00	68.12 2.68 0.00	61.56 2.42 0.00	56.74 2.18 0.00	58.42 2.25 0.00	61.79 2.38 0.00	58.94 2.27 0.00	65.90 2.53 0.00	67.47 2.60 0.00	62.12 2.39 0.00	61.25 2.30 0.00	58.86 2.21 0.00	57.73 2.11 0.00	57.33 2.10 0.00	57.68 2.06 0.00	65.81 2.47 0.00	71.81 2.70 0.00	94.10 3.62 0.00	91.15 3.59 0.00	75.54 2.98 0.00	75.54 2.98 0.00	69.43 2.67 0.00	70.25 2.57 0.00	68.73 2.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	82.52 4.82 0.00	69.37 3.93 0.00	62.75 3.61 0.00	57.72 3.16 0.00	59.66 3.48 0.00	63.10 3.68 0.00	60.19 3.51 0.00	67.48 4.12 0.00	68.96 4.09 0.00	63.44 3.70 0.00	62.54 3.60 0.00	59.93 3.29 0.00	58.73 3.11 0.00	58.27 3.04 0.00	58.68 3.06 0.00	67.20 3.86 0.00	73.61 4.49 0.00	96.82 6.33 0.00	93.95 6.39 0.00	77.79 5.22 0.00	77.79 5.22 0.00	71.30 4.54 0.00	72.28 4.60 0.00	70.66 4.37 0.00
VISCHER___FERRY HYD 24020	81.90 4.19 0.00	68.71 3.27 0.00	62.09 2.96 0.00	57.12 2.56 0.00	58.92 2.75 0.00	62.33 2.91 0.00	59.57 2.89 0.00	66.59 3.23 0.00	68.31 3.44 0.00	62.84 3.10 0.00	61.95 3.00 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.45 2.84 0.00	66.57 3.23 0.00	72.70 3.59 0.00	95.28 4.79 0.00	92.19 4.64 0.00	76.34 3.77 0.00	76.34 3.77 0.00	70.16 3.40 0.00	71.00 3.32 0.00	69.40 3.12 0.00
V_A_10_SYNC_DSASP 323832	73.12 -4.58 0.00	61.97 -3.47 0.00	56.06 -3.08 0.00	51.72 -2.84 0.00	53.59 -2.58 0.00	56.45 -2.97 0.00	53.50 -3.17 0.00	58.17 -5.19 0.00	59.30 -5.58 0.00	54.72 -5.02 0.00	54.12 -4.83 0.00	51.72 -4.93 0.00	50.78 -4.84 0.00	50.59 -4.64 0.00	50.89 -4.73 0.00	58.21 -5.13 0.00	62.61 -6.50 0.00	82.88 -7.60 0.00	80.55 -7.01 0.00	66.83 -5.73 0.00	66.90 -5.66 0.00	61.89 -4.87 0.00	63.89 -3.79 0.00	63.17 -3.11 0.00
V_CMM_10_SYNC_DSASP 323787	77.47 -0.23 0.00	65.77 0.33 0.00	59.44 0.30 0.00	55.05 0.49 0.00	56.46 0.28 0.00	59.71 0.30 0.00	56.73 0.06 0.00	63.49 0.13 0.00	64.81 -0.06 0.00	59.79 0.06 0.00	59.01 0.06 0.00	56.76 0.11 0.00	55.79 0.17 0.00	55.34 0.11 0.00	55.67 0.06 0.00	63.28 -0.06 0.00	68.91 -0.21 0.00	89.85 -0.63 0.00	86.77 -0.79 0.00	72.20 -0.36 0.00	72.20 -0.36 0.00	66.63 -0.13 0.00	67.61 -0.07 0.00	66.55 0.27 0.00
V_CMP_10_SYNC_DSASP 323788	79.18 1.47 0.00	67.47 2.03 0.00	60.91 1.77 0.00	56.46 1.91 0.00	57.92 1.74 0.00	61.26 1.84 0.00	57.81 1.13 0.00	64.18 0.82 0.00	65.39 0.52 0.00	60.87 1.13 0.00	60.07 1.12 0.00	57.84 1.19 0.00	56.79 1.17 0.00	56.33 1.10 0.00	56.67 1.05 0.00	64.29 0.95 0.00	69.60 0.49 0.00	90.48 0.00 0.00	87.29 -0.26 0.00	72.71 0.15 0.00	72.78 0.22 0.00	67.23 0.47 0.00	68.22 0.54 0.00	67.74 1.46 0.00
V_D_10_SYNC_DSASP 323841	77.71 0.00 0.00	66.03 0.59 0.00	59.67 0.53 0.00	55.26 0.71 0.00	56.68 0.50 0.00	59.89 0.47 0.00	56.96 0.28 0.00	63.74 0.38 0.00	65.01 0.13 0.00	59.97 0.24 0.00	59.18 0.24 0.00	56.99 0.34 0.00	56.01 0.39 0.00	55.56 0.33 0.00	55.84 0.22 0.00	63.53 0.19 0.00	69.18 0.07 0.00	90.03 -0.45 0.00	87.03 -0.52 0.00	72.42 -0.14 0.00	72.42 -0.14 0.00	66.89 0.13 0.00	67.88 0.20 0.00	66.88 0.60 0.00
V_E_10_SYNC_DSASP 323830	86.33 8.62 0.00	72.70 7.26 0.00	65.70 6.56 0.00	60.45 5.89 0.00	62.63 6.46 0.00	66.13 6.71 0.00	62.97 6.29 0.00	70.90 7.54 0.00	71.95 7.07 0.00	66.06 6.33 0.00	64.84 5.89 0.00	61.57 4.93 0.00	60.35 4.73 0.00	59.81 4.58 0.00	60.29 4.67 0.00	69.67 6.33 0.00	76.65 7.53 0.00	101.16 10.67 0.00	98.50 10.94 0.00	81.56 9.00 0.00	81.27 8.70 0.00	74.44 7.67 0.00	75.53 7.85 0.00	73.77 7.49 0.00
V_F_30_NSYNC___DSASP 323816	82.60 4.90 0.00	69.23 3.79 0.00	62.63 3.49 0.00	57.50 2.94 0.00	59.37 3.20 0.00	62.92 3.50 0.00	60.02 3.34 0.00	67.04 3.67 0.00	68.77 3.89 0.00	63.20 3.46 0.00	62.25 3.30 0.00	59.70 3.06 0.00	58.51 2.89 0.00	58.10 2.87 0.00	58.62 3.00 0.00	67.08 3.74 0.00	73.33 4.22 0.00	96.28 5.80 0.00	93.33 5.78 0.00	77.14 4.57 0.00	77.14 4.57 0.00	70.83 4.07 0.00	71.74 4.06 0.00	70.12 3.84 0.00



V_F_30_SYNC_DSASP 323786	81.05 3.34 0.00	68.12 2.68 0.00	61.56 2.42 0.00	56.63 2.07 0.00	58.42 2.25 0.00	61.85 2.44 0.00	59.11 2.44 0.00	66.02 2.66 0.00	67.80 2.92 0.00	62.30 2.57 0.00	61.42 2.48 0.00	59.03 2.38 0.00	57.90 2.28 0.00	57.44 2.21 0.00	57.96 2.34 0.00	65.68 2.34 0.00	71.60 2.49 0.00	93.65 3.17 0.00	90.71 3.15 0.00	75.10 2.54 0.00	75.03 2.47 0.00	68.96 2.20 0.00	69.71 2.03 0.00	68.14 1.86 0.00
V_XM_10_SYNC_DSASP 323789	79.18 1.47 0.00	67.47 2.03 0.00	60.91 1.77 0.00	56.46 1.91 0.00	57.92 1.74 0.00	61.26 1.84 0.00	57.81 1.13 0.00	64.18 0.82 0.00	65.39 0.52 0.00	60.87 1.13 0.00	60.07 1.12 0.00	57.84 1.19 0.00	56.79 1.17 0.00	56.33 1.10 0.00	56.67 1.05 0.00	64.29 0.95 0.00	69.60 0.49 0.00	90.48 0.00 0.00	87.29 -0.26 0.00	72.71 0.15 0.00	72.78 0.22 0.00	67.23 0.47 0.00	68.22 0.54 0.00	67.74 1.46 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	80.97 3.26 0.00	67.80 2.36 0.00	61.27 2.13 0.00	56.36 1.80 0.00	58.08 1.91 0.00	61.50 2.08 0.00	58.89 2.21 0.00	66.02 2.66 0.00	67.93 3.05 0.00	62.48 2.75 0.00	61.60 2.65 0.00	59.08 2.44 0.00	57.90 2.28 0.00	57.49 2.26 0.00	58.07 2.45 0.00	66.44 3.10 0.00	72.78 3.66 0.00	95.28 4.80 0.00	92.02 4.47 0.00	76.19 3.63 0.00	76.27 3.70 0.00	69.90 3.14 0.00	70.39 2.71 0.00	68.73 2.45 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	81.67 3.96 0.00	68.38 2.94 0.00	61.86 2.72 0.00	56.90 2.35 0.00	58.59 2.42 0.00	62.03 2.61 0.00	59.51 2.83 0.00	66.85 3.48 0.00	68.71 3.83 0.00	63.32 3.58 0.00	62.43 3.48 0.00	59.87 3.23 0.00	58.62 3.00 0.00	58.16 2.93 0.00	58.79 3.17 0.00	67.27 3.93 0.00	73.61 4.49 0.00	96.27 5.79 0.00	92.98 5.43 0.00	76.92 4.35 0.00	77.06 4.50 0.00	70.63 3.87 0.00	71.06 3.38 0.00	69.40 3.12 0.00
W50THST__13_KV_LOAD 356117	81.98 4.27 0.00	68.65 3.21 0.00	62.10 2.96 0.00	57.12 2.56 0.00	58.87 2.70 0.00	62.27 2.85 0.00	59.79 3.12 0.00	67.16 3.80 0.00	69.03 4.15 0.00	63.62 3.88 0.00	62.72 3.77 0.00	60.16 3.51 0.00	58.90 3.28 0.00	58.43 3.20 0.00	59.07 3.45 0.00	67.58 4.24 0.00	73.95 4.84 0.00	96.73 6.24 0.00	93.42 5.87 0.00	77.28 4.72 0.00	77.43 4.86 0.00	70.97 4.21 0.00	71.40 3.72 0.00	69.73 3.45 0.00
WADING RIVER_IC_1 23522	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.40 5.22 0.00	65.31 5.88 -0.01	61.61 4.93 0.00	69.89 6.53 0.00	71.62 6.75 0.00	65.35 5.61 0.00	65.32 6.37 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.79 6.17 0.00	71.13 7.79 -0.01	98.35 8.71 -20.53	102.01 11.49 -0.03	98.52 10.94 -0.02	97.84 8.85 -16.43	90.31 8.92 -8.82	89.79 8.14 -14.88	75.27 7.58 -0.01	73.17 6.89 0.00
WADING RIVER_IC_2 23547	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.40 5.22 0.00	65.31 5.88 -0.01	61.61 4.93 0.00	69.89 6.53 0.00	71.62 6.75 0.00	65.35 5.61 0.00	65.32 6.37 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.79 6.17 0.00	71.13 7.79 -0.01	98.35 8.71 -20.53	102.01 11.49 -0.03	98.52 10.94 -0.02	97.84 8.85 -16.43	90.31 8.92 -8.82	89.79 8.14 -14.88	75.27 7.58 -0.01	73.17 6.89 0.00
WADING RIVER_IC_3 23601	85.55 7.84 0.00	71.46 6.02 0.00	64.94 5.80 0.00	59.57 5.02 0.00	61.40 5.22 0.00	65.31 5.88 -0.01	61.61 4.93 0.00	69.89 6.53 0.00	71.62 6.75 0.00	65.35 5.61 0.00	65.32 6.37 0.00	61.91 5.27 0.00	60.63 5.01 0.00	60.53 5.30 0.00	61.79 6.17 0.00	71.13 7.79 -0.01	98.35 8.71 -20.53	102.01 11.49 -0.03	98.52 10.94 -0.02	97.84 8.85 -16.43	90.31 8.92 -8.82	89.79 8.14 -14.88	75.27 7.58 -0.01	73.17 6.89 0.00
WALDENNY_12_KV_BK2 80841	74.75 -2.95 0.00	63.28 -2.16 0.00	57.31 -1.83 0.00	52.86 -1.69 0.00	54.88 -1.29 0.00	57.63 -1.78 0.00	54.69 -1.98 0.00	59.12 -4.25 0.00	60.21 -4.67 0.00	55.55 -4.18 0.00	55.06 -3.89 0.00	52.51 -4.14 0.00	51.62 -4.00 0.00	51.53 -3.70 0.00	51.78 -3.84 0.00	59.29 -4.05 0.00	63.58 -5.53 0.00	84.06 -6.42 0.00	81.78 -5.78 0.00	67.92 -4.64 0.00	67.99 -4.57 0.00	62.96 -3.81 0.00	65.31 -2.37 0.00	64.62 -1.66 0.00
WALDEN__HYDRO 24148	81.51 3.81 0.00	68.32 2.88 0.00	61.74 2.60 0.00	56.74 2.18 0.00	58.48 2.30 0.00	61.91 2.50 0.00	59.23 2.55 0.00	66.40 3.04 0.00	68.38 3.50 0.00	62.84 3.11 0.00	61.90 2.95 0.00	59.37 2.72 0.00	58.12 2.50 0.00	57.72 2.49 0.00	58.34 2.73 0.00	66.76 3.42 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.55 4.99 0.00	76.63 4.06 0.00	76.63 4.06 0.00	70.37 3.61 0.00	70.86 3.18 0.00	69.20 2.92 0.00
WARRENSBURG____ 23737	82.99 5.29 0.00	69.43 3.99 0.00	62.87 3.73 0.00	57.66 3.11 0.00	59.60 3.43 0.00	63.16 3.75 0.00	60.31 3.63 0.00	67.29 3.93 0.00	69.16 4.28 0.00	63.50 3.77 0.00	62.48 3.54 0.00	59.87 3.23 0.00	58.62 3.00 0.00	58.15 2.93 0.00	58.73 3.11 0.00	67.40 4.06 0.00	73.82 4.70 0.00	97.00 6.52 0.00	94.03 6.48 0.00	77.64 5.08 0.00	77.64 5.08 0.00	71.17 4.41 0.00	72.08 4.40 0.00	70.39 4.11 0.00
WATERSIDE____6 8 9 23538	81.27 3.57 0.01	67.99 2.55 0.00	61.45 2.31 0.00	56.52 1.96 0.00	58.14 1.97 0.00	61.49 2.08 0.01	59.11 2.44 0.00	66.34 2.98 0.00	68.25 3.37 0.00	62.96 3.23 0.00	62.19 3.24 0.00	59.65 3.00 0.00	58.46 2.84 0.00	57.99 2.76 0.00	58.62 3.00 0.00	67.01 3.67 0.00	73.19 4.08 0.00	95.73 5.25 0.00	92.46 4.90 0.00	76.48 3.92 0.00	76.63 4.06 0.00	70.23 3.47 0.00	70.59 2.91 0.00	69.06 2.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	80.04 2.33 0.00	67.34 1.90 0.00	60.85 1.72 0.00	56.08 1.53 0.00	57.80 1.63 0.00	61.14 1.72 0.00	58.32 1.64 0.00	65.26 1.90 0.00	66.82 1.95 0.00	61.53 1.79 0.00	60.72 1.77 0.00	58.29 1.64 0.00	57.18 1.56 0.00	56.78 1.55 0.00	57.18 1.56 0.00	65.18 1.84 0.00	71.19 2.07 0.00	93.29 2.81 0.00	90.27 2.71 0.00	74.81 2.25 0.00	74.81 2.25 0.00	68.76 2.00 0.00	69.64 1.96 0.00	68.14 1.86 0.00
WATSON__69_KV_BK 1 55734	85.71 8.00 0.00	71.59 6.15 0.00	64.99 5.85 0.00	59.63 5.07 0.00	61.45 5.28 0.00	65.31 5.88 -0.01	61.72 5.04 0.00	69.89 6.53 0.00	71.69 6.81 0.00	65.47 5.73 0.00	65.14 6.19 0.00	61.97 5.32 0.00	60.40 4.78 0.00	60.31 5.08 0.00	61.51 5.90 0.00	71.01 7.66 -0.01	98.65 8.43 -21.10	101.73 11.22 -0.03	98.17 10.59 -0.02	98.08 8.64 -16.88	90.41 8.78 -9.06	89.94 7.88 -15.30	75.06 7.38 -0.01	72.78 6.50 0.00
WDELAWARE__HYD 323627	82.45 4.74 0.00	69.04 3.60 0.00	62.39 3.25 0.00	57.28 2.73 0.00	59.15 2.98 0.00	62.56 3.15 0.00	59.74 3.06 0.00	67.04 3.67 0.00	69.03 4.16 0.00	63.26 3.52 0.00	62.19 3.24 0.00	59.53 2.89 0.00	58.40 2.78 0.00	57.99 2.76 0.00	58.68 3.06 0.00	67.14 3.80 0.00	73.88 4.77 0.00	96.72 6.24 0.00	93.42 5.87 0.00	77.43 4.86 0.00	77.43 4.86 0.00	71.04 4.28 0.00	71.67 3.99 0.00	69.99 3.71 0.00

WEST BABYLON___IC 23714	85.01 7.30 0.00	71.00 5.56 0.00	64.46 5.32 0.00	59.14 4.58 0.00	60.95 4.77 0.00	64.71 5.29 -0.01	61.27 4.59 0.00	69.32 5.96 0.00	71.11 6.23 0.00	65.05 5.32 0.00	64.67 5.72 0.00	61.57 4.93 0.00	60.01 4.39 0.00	59.87 4.64 0.00	61.07 5.45 0.00	70.38 7.03 -0.01	99.18 7.74 -22.33	100.74 10.22 -0.03	97.20 9.63 -0.02	98.34 7.91 -17.86	90.21 8.05 -9.59	90.09 7.14 -16.19	74.39 6.70 -0.01	72.18 5.90 0.00
WEST CANADA___HYD 24049	78.25 0.55 0.00	65.83 0.40 0.00	59.50 0.36 0.00	54.83 0.27 0.00	56.51 0.34 0.00	59.77 0.36 0.00	57.02 0.34 0.00	63.81 0.45 0.00	65.33 0.46 0.00	60.16 0.42 0.00	59.36 0.42 0.00	56.99 0.34 0.00	55.96 0.34 0.00	55.56 0.33 0.00	55.96 0.34 0.00	63.72 0.38 0.00	69.60 0.49 0.00	91.20 0.72 0.00	88.25 0.70 0.00	73.08 0.51 0.00	73.08 0.51 0.00	67.16 0.40 0.00	68.16 0.48 0.00	66.68 0.40 0.00
WESTERN_NY_WIND 24143	74.83 -2.88 0.00	63.35 -2.09 0.00	57.36 -1.77 0.00	52.81 -1.75 0.00	54.88 -1.29 0.00	57.81 -1.60 0.00	54.69 -1.98 0.00	59.56 -3.80 0.00	60.73 -4.15 0.00	55.97 -3.76 0.00	55.29 -3.65 0.00	52.74 -3.91 0.00	51.84 -3.78 0.00	51.64 -3.59 0.00	51.95 -3.67 0.00	59.73 -3.61 0.00	64.34 -4.77 0.00	85.15 -5.34 0.00	82.74 -4.82 0.00	68.65 -3.92 0.00	68.57 -3.99 0.00	63.42 -3.34 0.00	65.58 -2.10 0.00	64.69 -1.59 0.00
WESTOVER___LESR 323668	77.94 0.23 0.00	65.64 0.20 0.00	59.32 0.18 0.00	54.66 0.11 0.00	56.45 0.28 0.00	59.65 0.24 0.00	56.90 0.23 0.00	63.23 -0.13 0.00	64.68 -0.19 0.00	59.56 -0.18 0.00	58.77 -0.18 0.00	56.36 -0.28 0.00	55.34 -0.28 0.00	54.95 -0.28 0.00	55.34 -0.28 0.00	63.28 -0.06 0.00	68.97 -0.14 0.00	90.57 0.09 0.00	87.82 0.26 0.00	72.71 0.15 0.00	72.71 0.15 0.00	66.96 0.20 0.00	68.02 0.34 0.00	66.74 0.46 0.00
WETHRSFD_WT_PWR 323626	75.38 -2.33 0.00	63.81 -1.63 0.00	57.72 -1.42 0.00	53.19 -1.36 0.00	55.16 -1.01 0.00	58.05 -1.36 0.00	55.15 -1.53 0.00	60.00 -3.36 0.00	61.18 -3.70 0.00	56.33 -3.40 0.00	55.71 -3.24 0.00	53.13 -3.51 0.00	52.23 -3.39 0.00	52.02 -3.20 0.00	52.34 -3.28 0.00	60.04 -3.30 0.00	64.76 -4.35 0.00	85.51 -4.98 0.00	83.09 -4.46 0.00	69.01 -3.55 0.00	69.01 -3.55 0.00	63.89 -2.87 0.00	65.79 -1.89 0.00	65.09 -1.19 0.00
WHAVSTOR_138KV_BK127 55557	80.58 2.88 0.00	67.53 2.09 0.00	61.03 1.89 0.00	56.14 1.58 0.00	57.86 1.69 0.00	61.20 1.78 0.00	58.66 1.98 0.00	65.77 2.41 0.00	67.67 2.79 0.00	62.30 2.57 0.00	61.42 2.48 0.00	58.91 2.27 0.00	57.73 2.11 0.00	57.27 2.04 0.00	57.90 2.28 0.00	66.19 2.85 0.00	72.43 3.32 0.00	94.83 4.34 0.00	91.58 4.03 0.00	75.83 3.27 0.00	75.90 3.34 0.00	69.63 2.87 0.00	70.12 2.44 0.00	68.47 2.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	80.58 2.88 0.00	67.53 2.09 0.00	61.03 1.89 0.00	56.14 1.58 0.00	57.86 1.69 0.00	61.20 1.78 0.00	58.66 1.98 0.00	65.77 2.41 0.00	67.67 2.79 0.00	62.30 2.57 0.00	61.42 2.48 0.00	58.91 2.27 0.00	57.73 2.11 0.00	57.27 2.04 0.00	57.90 2.28 0.00	66.19 2.85 0.00	72.43 3.32 0.00	94.83 4.34 0.00	91.58 4.03 0.00	75.83 3.27 0.00	75.90 3.34 0.00	69.63 2.87 0.00	70.12 2.44 0.00	68.47 2.19 0.00
WHITEHAL_115KV_TB1 80871	84.85 7.15 0.00	70.87 5.43 0.00	64.23 5.09 0.00	58.81 4.26 0.00	60.84 4.66 0.00	64.53 5.11 0.00	61.55 4.87 0.00	68.56 5.20 0.00	70.59 5.71 0.00	64.75 5.02 0.00	63.66 4.72 0.00	60.89 4.25 0.00	59.57 3.95 0.00	59.10 3.87 0.00	59.74 4.12 0.00	68.79 5.45 0.00	75.40 6.29 0.00	99.26 8.78 0.00	96.31 8.76 0.00	79.31 6.75 0.00	79.39 6.82 0.00	72.70 5.94 0.00	73.50 5.82 0.00	71.85 5.57 0.00
WHITEPLN_13_KV_LOAD 356215	82.29 4.58 0.00	68.91 3.47 0.00	62.27 3.13 0.00	57.23 2.67 0.00	58.93 2.75 0.00	62.39 2.97 0.00	59.85 3.17 0.00	67.10 3.74 0.00	69.03 4.15 0.00	63.62 3.88 0.00	62.66 3.71 0.00	60.10 3.46 0.00	58.90 3.28 0.00	58.43 3.20 0.00	59.07 3.45 0.00	67.58 4.24 0.00	74.02 4.91 0.00	97.00 6.51 0.00	93.60 6.04 0.00	77.43 4.86 0.00	77.43 4.86 0.00	71.03 4.27 0.00	71.54 3.86 0.00	69.79 3.51 0.00
WM_FLOYD_69_KV_BK2 356380	85.32 7.62 0.00	71.33 5.89 0.00	64.82 5.68 0.00	59.47 4.91 0.00	61.28 5.11 0.00	65.13 5.70 -0.01	61.49 4.82 0.00	69.70 6.34 0.00	71.50 6.62 0.00	65.23 5.50 0.00	64.96 6.01 0.00	61.74 5.10 0.00	60.18 4.56 0.00	60.09 4.86 0.00	61.40 5.78 0.00	70.95 7.60 -0.01	98.04 8.36 -20.57	101.64 11.13 -0.03	97.99 10.42 -0.02	97.51 8.49 -16.46	90.03 8.64 -8.83	89.48 7.81 -14.91	75.00 7.31 -0.01	72.71 6.43 0.00
WOODARD__115KV_TB2 355635	76.15 -1.55 0.00	64.13 -1.31 0.00	57.90 -1.24 0.00	53.36 -1.20 0.00	55.11 -1.07 0.00	58.29 -1.13 0.00	55.60 -1.08 0.00	62.09 -1.27 0.00	63.52 -1.36 0.00	58.48 -1.25 0.00	57.71 -1.24 0.00	55.34 -1.30 0.00	54.34 -1.28 0.00	53.96 -1.27 0.00	54.40 -1.22 0.00	62.20 -1.14 0.00	67.80 -1.31 0.00	88.95 -1.54 0.00	86.15 -1.40 0.00	71.33 -1.23 0.00	71.33 -1.23 0.00	65.63 -1.13 0.00	66.60 -1.08 0.00	65.09 -1.19 0.00
YORK___WARBASSE 23770	81.88 4.12 -0.06	68.45 3.01 0.00	61.80 2.66 0.00	56.57 2.02 0.00	58.25 2.08 0.00	61.61 2.20 0.01	59.28 2.61 0.00	66.59 3.23 0.00	68.51 3.63 0.00	63.26 3.52 0.00	62.60 3.65 0.00	60.04 3.40 0.00	58.85 3.23 0.00	58.32 3.09 0.00	58.90 3.28 0.00	67.39 4.05 0.00	73.54 4.42 0.00	96.18 5.70 0.00	92.90 5.34 0.00	76.77 4.21 0.00	76.92 4.35 0.00	70.43 3.67 0.00	70.79 3.11 0.00	69.33 3.05 0.00