

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	51.56	50.79	48.73	50.15	51.67	57.11	75.30	77.27	70.65	71.04	66.00	63.64	62.48	59.62	59.62	64.45	70.07	85.14	88.98	80.73	72.07	63.84	60.31	61.47
24138	2.73	2.51	2.41	2.30	2.18	2.14	3.58	3.68	3.43	3.45	2.78	2.62	2.52	2.46	2.46	2.54	2.89	3.35	3.84	3.33	3.03	2.57	2.60	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.71	50.99	48.96	50.29	51.82	57.28	75.23	77.27	70.65	71.11	66.13	63.76	62.60	59.79	59.74	64.57	70.20	85.30	89.07	80.88	72.28	64.15	60.42	61.59
24260	2.88	2.70	2.64	2.44	2.33	2.31	3.51	3.68	3.43	3.51	2.91	2.75	2.64	2.63	2.57	2.66	3.02	3.52	3.92	3.48	3.24	2.88	2.71	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.71	50.99	48.96	50.29	51.82	57.28	75.23	77.27	70.65	71.11	66.13	63.76	62.60	59.79	59.74	64.57	70.20	85.30	89.07	80.88	72.28	64.15	60.42	61.59
24261	2.88	2.70	2.64	2.44	2.33	2.31	3.51	3.68	3.43	3.51	2.91	2.75	2.64	2.63	2.57	2.66	3.02	3.52	3.92	3.48	3.24	2.88	2.71	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	53.91	53.40	51.09	52.68	54.49	60.74	79.82	81.83	74.42	74.76	69.54	67.18	65.72	62.59	62.88	67.67	73.49	89.15	93.07	84.60	75.32	67.09	62.90	64.31
24011	5.08	5.12	4.77	4.83	5.00	5.77	8.10	8.24	7.19	7.16	6.32	6.16	5.76	5.43	5.72	5.76	6.31	7.36	7.92	7.20	6.28	5.82	5.19	5.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.20	53.69	51.37	52.97	54.79	61.07	80.39	82.41	74.89	75.23	69.99	67.60	66.08	62.94	63.22	68.16	74.10	89.81	93.84	85.21	75.87	67.58	63.37	64.78
23798	5.37	5.41	5.05	5.12	5.30	6.10	8.67	8.83	7.66	7.64	6.77	6.59	6.12	5.77	6.06	6.25	6.92	8.02	8.69	7.81	6.84	6.31	5.66	5.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.91	53.40	51.09	52.68	54.49	60.74	79.82	81.83	74.42	74.76	69.54	67.18	65.72	62.59	62.88	67.67	73.49	89.15	93.07	84.60	75.32	67.09	62.90	64.31
24028	5.08	5.12	4.77	4.83	5.00	5.77	8.10	8.24	7.19	7.16	6.32	6.16	5.76	5.43	5.72	5.76	6.31	7.36	7.92	7.20	6.28	5.82	5.19	5.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	52.10	51.52	49.38	50.87	52.56	58.32	76.09	78.08	71.19	71.44	66.70	64.31	63.14	60.13	60.19	65.19	70.80	86.12	89.91	81.73	72.90	64.70	60.94	62.35
23527	3.27	3.24	3.06	3.02	3.07	3.35	4.38	4.49	3.97	3.85	3.47	3.29	3.18	2.97	3.03	3.28	3.63	4.33	4.77	4.33	3.86	3.43	3.23	3.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	50.34	49.78	47.75	49.19	50.83	56.35	73.44	75.13	68.64	69.01	64.42	62.17	60.98	58.19	58.25	62.72	68.12	82.28	85.66	78.02	69.93	62.13	58.57	60.34
24190	1.51	1.50	1.44	1.34	1.34	1.37	1.72	1.55	1.41	1.42	1.20	1.16	1.02	1.03	1.09	0.80	0.94	0.49	0.51	0.62	0.90	0.86	0.87	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	48.83	48.33	46.41	48.18	49.89	55.52	72.79	74.76	68.30	68.81	64.36	62.23	61.40	58.59	58.59	63.52	68.86	83.51	86.17	78.48	70.07	62.19	58.63	60.28
355683	0.00	0.05	0.09	0.33	0.40	0.55	1.08	1.18	1.08	1.22	1.14	1.22	1.44	1.43	1.43	1.61	1.68	1.72	1.02	1.08	1.04	0.92	0.92	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	50.98	50.46	48.35	49.86	51.52	57.11	74.37	76.09	69.31	69.55	64.93	62.60	61.46	58.65	58.76	63.52	69.06	83.67	87.36	79.49	71.10	63.17	59.61	61.23
323833	2.15	2.17	2.04	2.01	2.03	2.14	2.66	2.50	2.09	1.96	1.71	1.58	1.50	1.48	1.60	1.61	1.88	1.88	2.21	2.09	2.07	1.90	1.90	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	50.98	50.46	48.35	49.86	51.52	57.11	74.37	76.09	69.31	69.55	64.93	62.60	61.46	58.59	58.71	63.52	69.06	83.67	87.28	79.49	71.04	63.11	59.55	61.17
323834	2.15	2.17	2.04	2.01	2.03	2.14	2.66	2.50	2.09	1.96	1.71	1.58	1.50	1.43	1.54	1.61	1.88	1.88	2.13	2.09	2.00	1.84	1.85	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	50.34	49.78	47.75	49.19	50.83	56.35	73.44	75.13	68.64	69.01	64.42	62.17	60.98	58.19	58.25	62.72	68.12	82.28	85.66	78.02	69.93	62.13	58.57	60.34
23571	1.51	1.50	1.44	1.34	1.34	1.37	1.72	1.55	1.41	1.42	1.20	1.16	1.02	1.03	1.09	0.80	0.94	0.49	0.51	0.62	0.90	0.86	0.87	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	

ALBANY___2 23572	50.34 1.51 0.00	49.78 1.50 0.00	47.75 1.44 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.35 1.37 0.00	73.44 1.72 0.00	75.13 1.55 0.00	68.64 1.41 0.00	69.01 1.42 0.00	64.42 1.20 0.00	62.17 1.16 0.00	60.98 1.02 0.00	58.19 1.03 0.00	58.25 1.09 0.00	62.72 0.80 0.00	68.12 0.94 0.00	82.28 0.49 0.00	85.66 0.51 0.00	78.02 0.62 0.00	69.93 0.90 0.00	62.13 0.86 0.00	58.57 0.87 0.00	60.34 1.18 0.00
ALBANY___3 23573	50.34 1.51 0.00	49.78 1.50 0.00	47.75 1.44 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.35 1.37 0.00	73.44 1.72 0.00	75.13 1.55 0.00	68.64 1.41 0.00	69.01 1.42 0.00	64.42 1.20 0.00	62.17 1.16 0.00	60.98 1.02 0.00	58.19 1.03 0.00	58.25 1.09 0.00	62.72 0.80 0.00	68.12 0.94 0.00	82.28 0.49 0.00	85.66 0.51 0.00	78.02 0.62 0.00	69.93 0.90 0.00	62.13 0.86 0.00	58.57 0.87 0.00	60.34 1.18 0.00
ALBANY___4 23574	50.34 1.51 0.00	49.78 1.50 0.00	47.75 1.44 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.35 1.37 0.00	73.44 1.72 0.00	75.13 1.55 0.00	68.64 1.41 0.00	69.01 1.42 0.00	64.42 1.20 0.00	62.17 1.16 0.00	60.98 1.02 0.00	58.19 1.03 0.00	58.25 1.09 0.00	62.72 0.80 0.00	68.12 0.94 0.00	82.28 0.49 0.00	85.66 0.51 0.00	78.02 0.62 0.00	69.93 0.90 0.00	62.13 0.86 0.00	58.57 0.87 0.00	60.34 1.18 0.00
ALBANY___LFGE 323615	50.68 1.86 0.00	50.12 1.83 0.00	48.03 1.71 0.00	49.52 1.67 0.00	51.18 1.68 0.00	56.73 1.76 0.00	73.94 2.23 0.00	75.72 2.14 0.00	69.10 1.88 0.00	69.48 1.89 0.00	64.93 1.71 0.00	62.66 1.65 0.00	61.46 1.50 0.00	58.65 1.48 0.00	58.71 1.54 0.00	63.27 1.36 0.00	68.66 1.48 0.00	83.02 1.23 0.00	86.51 1.36 0.00	78.79 1.39 0.00	70.55 1.52 0.00	62.62 1.35 0.00	59.04 1.33 0.00	60.70 1.54 0.00
ALCOA_PA_115KV_PL-6C 55860	49.22 0.39 0.00	48.67 0.39 0.00	46.74 0.42 0.00	48.52 0.67 0.00	50.23 0.74 0.00	55.80 0.82 0.00	72.72 1.00 0.00	74.69 1.10 0.00	68.30 1.08 0.00	68.74 1.15 0.00	64.30 1.07 0.00	62.17 1.16 0.00	61.34 1.38 0.00	58.54 1.37 0.00	58.54 1.37 0.00	63.52 1.61 0.00	68.86 1.68 0.00	83.67 1.88 0.00	86.09 0.94 0.00	79.18 1.78 0.00	70.62 1.59 0.00	62.74 1.47 0.00	59.15 1.44 0.00	60.82 1.66 0.00
ALCOA_RYNLDS___DRP 24188	49.22 0.39 0.00	48.67 0.39 0.00	46.74 0.42 0.00	48.52 0.67 0.00	50.23 0.74 0.00	55.80 0.82 0.00	72.72 1.00 0.00	74.69 1.10 0.00	68.30 1.08 0.00	68.74 1.15 0.00	64.30 1.07 0.00	62.17 1.16 0.00	61.34 1.38 0.00	58.54 1.37 0.00	58.54 1.37 0.00	63.52 1.61 0.00	68.86 1.68 0.00	83.67 1.88 0.00	86.09 0.94 0.00	79.18 1.78 0.00	70.62 1.59 0.00	62.74 1.47 0.00	59.15 1.44 0.00	60.82 1.66 0.00
ALCOA___DSASP 323711	49.22 0.39 0.00	48.67 0.38 0.00	46.73 0.42 0.00	48.52 0.67 0.00	50.24 0.74 0.00	55.80 0.83 0.00	72.72 1.00 0.00	74.69 1.11 0.00	68.30 1.07 0.00	68.74 1.15 0.00	64.30 1.07 0.00	62.17 1.16 0.00	61.34 1.38 0.00	58.53 1.37 0.00	58.53 1.37 0.00	63.52 1.61 0.00	68.86 1.68 0.00	83.67 1.88 0.00	85.91 0.76 0.00	79.18 1.78 0.00	70.62 1.59 0.00	62.74 1.47 0.00	59.15 1.44 0.00	60.81 1.65 0.00
ALLEGHENY___COGEN 23514	48.29 -0.54 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.28 -0.57 0.00	49.15 -0.34 0.00	55.36 0.39 0.00	71.93 0.22 0.00	74.11 0.52 0.00	67.29 0.07 0.00	67.52 -0.07 0.00	63.22 0.00 0.00	60.95 -0.06 0.00	59.72 -0.24 0.00	56.54 -0.63 0.00	56.59 -0.57 0.00	61.79 -0.12 0.00	66.98 -0.20 0.00	83.58 1.80 0.00	87.87 2.72 0.00	78.48 1.08 0.00	69.79 0.76 0.00	61.94 0.68 0.00	58.06 0.35 0.00	59.58 0.42 0.00
ALTAMONT_115KV_TB 2 55880	50.39 1.56 0.00	49.83 1.55 0.00	47.80 1.48 0.00	49.28 1.44 0.00	50.93 1.44 0.00	56.40 1.43 0.00	73.65 1.94 0.00	75.43 1.84 0.00	68.84 1.61 0.00	69.21 1.62 0.00	64.61 1.39 0.00	62.29 1.28 0.00	61.16 1.20 0.00	58.36 1.20 0.00	58.42 1.26 0.00	63.15 1.24 0.00	68.59 1.41 0.00	83.26 1.47 0.00	86.77 1.62 0.00	78.95 1.55 0.00	70.48 1.45 0.00	62.62 1.35 0.00	58.98 1.27 0.00	60.46 1.30 0.00
ALTONA_WT_PWR 323606	46.87 -1.95 0.00	46.64 -1.64 0.00	45.07 -1.25 0.00	47.37 -0.48 0.00	49.59 0.10 0.00	55.96 0.99 0.00	72.64 0.93 0.00	75.13 1.55 0.00	68.84 1.61 0.00	69.62 2.03 0.00	65.37 2.15 0.00	63.33 2.32 0.00	62.78 2.82 0.00	59.91 2.74 0.00	59.96 2.80 0.00	65.13 3.22 0.00	70.67 3.49 0.00	84.33 2.54 0.00	86.51 1.36 0.00	79.72 2.32 0.00	71.66 2.62 0.00	63.47 2.20 0.00	59.61 1.90 0.00	61.94 2.78 0.00
AMERICAN_REF_FUEL 24010	43.99 -4.83 0.00	43.41 -4.87 0.00	41.83 -4.49 0.00	43.16 -4.69 0.00	44.64 -4.85 0.00	50.08 -4.89 0.00	64.61 -7.10 0.00	66.01 -7.58 0.00	60.17 -7.06 0.00	60.77 -6.82 0.00	57.59 -5.63 0.00	55.95 -5.06 0.00	54.93 -5.04 0.00	51.85 -5.31 0.00	51.73 -5.43 0.00	56.22 -5.69 0.00	60.06 -7.12 0.00	74.84 -6.95 0.00	78.33 -6.82 0.00	70.36 -7.04 0.00	62.47 -6.56 0.00	55.82 -5.45 0.00	52.69 -5.02 0.00	54.37 -4.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.80 -3.03 0.00	45.29 -2.99 0.00	43.73 -2.59 0.00	45.22 -2.63 0.00	46.87 -2.62 0.00	52.88 -2.09 0.00	68.84 -2.87 0.00	70.50 -3.09 0.00	64.34 -2.89 0.00	64.89 -2.71 0.00	61.33 -1.89 0.00	59.67 -1.34 0.00	58.47 -1.50 0.00	55.11 -2.06 0.00	54.93 -2.23 0.00	59.74 -2.17 0.00	64.02 -3.16 0.00	79.75 -2.04 0.00	83.70 -1.45 0.00	75.08 -2.32 0.00	66.62 -2.42 0.00	59.49 -1.78 0.00	56.03 -1.68 0.00	57.86 -1.30 0.00
ARTHUR KILL_GT_1 23520	68.13 3.03 -16.28	66.64 2.85 -15.50	66.16 2.78 -17.06	66.14 2.63 -15.66	66.21 2.52 -14.20	66.25 2.48 -8.81	71.84 3.08 2.95	76.90 3.31 0.00	70.45 3.23 0.00	70.84 3.24 -0.01	69.57 2.72 -3.63	69.55 2.56 -5.97	69.54 2.52 -7.05	69.51 2.46 -9.88	69.56 2.46 -9.94	90.37 2.54 -25.92	70.06 2.82 -0.06	138.44 3.27 -53.38	137.96 3.66 -49.16	131.36 3.25 -50.71	139.45 3.03 -67.38	69.55 2.63 -5.65	69.57 2.66 -9.21	68.12 2.37 -6.59
ARTHUR_KILL_2 23512	67.99 2.88 -16.28	66.49 2.70 -15.50	66.02 2.64 -17.06	66.04 2.53 -15.66	66.06 2.38 -14.20	66.09 2.31 -8.81	71.63 2.87 2.95	76.68 3.09 0.00	70.25 3.03 0.00	70.64 3.04 -0.01	69.45 2.59 -3.63	69.43 2.44 -5.97	69.35 2.34 -7.05	69.34 2.29 -9.88	69.39 2.29 -9.94	90.18 2.35 -25.92	69.85 2.62 -0.06	138.11 2.94 -53.38	137.71 3.41 -49.16	131.13 3.02 -50.71	139.25 2.83 -67.38	69.37 2.45 -5.65	69.39 2.48 -9.21	68.00 2.25 -6.59
ARTHUR_KILL_3 23513	67.41 2.30 -16.29	65.87 2.07 -15.51	65.38 1.99 -17.07	65.38 1.86 -15.67	65.38 1.68 -14.20	65.38 1.60 -8.81	71.33 2.58 2.96	71.33 2.65 4.90	69.71 2.49 0.00	70.09 2.50 0.00	68.87 2.02 -3.63	68.87 1.89 -5.96	68.87 1.86 -7.05	68.87 1.83 -9.88	68.87 1.77 -9.93	69.62 1.86 -5.85	69.38 2.15 -0.05	71.33 2.37 12.83	71.33 2.72 16.54	71.33 2.48 8.55	69.62 2.27 1.69	68.87 1.96 -5.64	68.87 1.96 -9.20	67.41 1.65 -6.60

ARTHUR_KILL_COGEN 323718	68.13 3.03 -16.28	66.64 2.85 -15.50	66.16 2.78 -17.06	66.14 2.63 -15.66	66.21 2.52 -14.20	66.25 2.48 -8.81	71.84 3.08 2.95	76.90 3.31 0.00	70.45 3.23 0.00	70.84 3.24 -0.01	69.57 2.72 -3.63	69.55 2.56 -5.97	69.54 2.52 -7.05	69.51 2.46 -9.88	69.56 2.46 -9.94	90.37 2.54 -25.92	70.06 2.82 -0.06	138.44 3.27 -53.38	137.96 3.66 -49.16	131.36 3.25 -50.71	139.45 3.03 -67.38	69.55 2.63 -5.65	69.57 2.66 -9.21	68.12 2.37 -6.59
ASHOKAN____ 23654	52.25 3.42 0.00	51.57 3.29 0.00	49.38 3.06 0.00	50.82 2.97 0.00	52.71 3.22 0.00	58.27 3.30 0.00	76.02 4.30 0.00	77.12 3.53 0.00	70.52 3.29 0.00	70.16 2.57 0.00	65.43 2.21 0.00	62.72 1.71 0.00	61.70 1.74 0.00	58.88 1.71 0.00	59.11 1.94 0.00	64.08 2.17 0.00	70.07 2.89 0.00	85.38 3.59 0.00	89.32 4.17 0.00	81.58 4.18 0.00	72.62 3.59 0.00	64.45 3.18 0.00	60.88 3.17 0.00	62.41 3.25 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.57 2.73 -0.01	50.85 2.56 -0.01	48.78 2.45 -0.01	50.15 2.30 -0.01	51.57 2.08 0.00	56.94 1.98 0.01	74.58 2.87 0.01	76.60 3.02 0.01	70.10 2.89 0.01	70.55 2.97 0.01	65.74 2.53 0.01	63.38 2.38 0.01	62.23 2.28 0.01	59.38 2.23 0.01	59.38 2.23 0.01	64.19 2.29 0.01	69.66 2.49 0.01	84.56 2.78 0.01	88.29 3.15 0.01	80.17 2.78 0.01	71.72 2.69 0.01	63.59 2.33 0.01	60.01 2.31 0.01	61.10 1.95 0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.57 2.73 -0.01	50.85 2.56 -0.01	48.78 2.45 -0.01	50.15 2.30 -0.01	51.57 2.08 0.00	56.94 1.98 0.01	74.58 2.87 0.01	76.60 3.02 0.01	70.10 2.89 0.01	70.55 2.97 0.01	65.74 2.53 0.01	63.38 2.38 0.01	62.23 2.28 0.01	59.38 2.23 0.01	59.38 2.23 0.01	64.19 2.29 0.01	69.66 2.49 0.01	84.56 2.78 0.01	88.29 3.15 0.01	80.17 2.78 0.01	71.72 2.69 0.01	63.59 2.33 0.01	60.01 2.31 0.01	61.10 1.95 0.01
ASTORIA_GT2_1 24094	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT2_2 24095	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT2_3 24096	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT2_4 24097	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT3_1 24098	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT3_2 24099	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT3_3 24100	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT3_4 24101	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT4_1 24102	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT4_2 24103	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT4_3 24104	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00

ASTORIA_GT4_4 24105	51.57 2.73 -0.01	50.90 2.61 -0.01	48.87 2.55 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.17 2.01 0.00
ASTORIA_GT_1 23523	51.67 2.83 -0.01	50.95 2.65 -0.01	48.87 2.55 -0.01	50.25 2.39 -0.01	51.67 2.18 0.00	57.05 2.09 0.01	74.79 3.08 0.01	76.81 3.23 0.01	70.31 3.09 0.01	70.69 3.11 0.01	65.87 2.65 0.01	63.51 2.50 0.01	62.36 2.40 0.01	59.56 2.40 0.01	59.50 2.34 0.01	64.31 2.41 0.01	69.86 2.69 0.01	84.72 2.94 0.01	88.46 3.32 0.01	80.41 3.02 0.01	71.92 2.90 0.01	63.71 2.45 0.01	60.18 2.48 0.01	61.28 2.13 0.01
ASTORIA_GT_10 24110	51.72 2.88 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.22 2.25 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.54 3.45 -10.50	65.94 2.72 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.68 2.52 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.98 3.19 0.00	88.64 3.49 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.41 2.25 0.00
ASTORIA_GT_11 24225	51.72 2.88 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.22 2.25 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.54 3.45 -10.50	65.94 2.72 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.68 2.52 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.98 3.19 0.00	88.64 3.49 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.41 2.25 0.00
ASTORIA_GT_12 24226	51.72 2.88 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.22 2.25 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.54 3.45 -10.50	65.94 2.72 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.68 2.52 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.98 3.19 0.00	88.64 3.49 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.41 2.25 0.00
ASTORIA_GT_13 24227	51.72 2.88 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.22 2.25 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.54 3.45 -10.50	65.94 2.72 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.68 2.52 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.98 3.19 0.00	88.64 3.49 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.41 2.25 0.00
ASTORIA_GT_5 24106	51.67 2.83 -0.01	50.95 2.66 -0.01	48.92 2.59 -0.01	50.25 2.39 -0.01	51.67 2.18 0.00	57.06 2.09 0.00	74.80 3.08 0.00	76.83 3.24 0.00	70.32 3.09 0.00	70.90 3.31 0.01	65.88 2.66 0.00	63.51 2.50 0.00	62.36 2.40 0.00	59.57 2.40 0.00	59.51 2.34 0.00	64.32 2.41 0.00	69.87 2.69 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.29 2.13 0.00
ASTORIA_GT_7 24107	51.67 2.83 -0.01	50.95 2.66 -0.01	48.92 2.59 -0.01	50.25 2.39 -0.01	51.67 2.18 0.00	57.06 2.09 0.00	74.80 3.08 0.00	76.83 3.24 0.00	70.32 3.09 0.00	70.90 3.31 0.01	65.88 2.66 0.00	63.51 2.50 0.00	62.36 2.40 0.00	59.57 2.40 0.00	59.51 2.34 0.00	64.32 2.41 0.00	69.87 2.69 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.29 2.13 0.00
ASTORIA_GT_8 24108	51.67 2.83 -0.01	50.95 2.66 -0.01	48.92 2.59 -0.01	50.25 2.39 -0.01	51.67 2.18 0.00	57.06 2.09 0.00	74.80 3.08 0.00	76.83 3.24 0.00	70.32 3.09 0.00	70.90 3.31 0.01	65.88 2.66 0.00	63.51 2.50 0.00	62.36 2.40 0.00	59.57 2.40 0.00	59.51 2.34 0.00	64.32 2.41 0.00	69.87 2.69 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.29 2.13 0.00
ASTORIA___2 24149	51.57 2.73 -0.01	50.85 2.56 -0.01	48.78 2.45 -0.01	50.20 2.34 -0.01	51.57 2.08 0.00	56.94 1.98 0.01	74.65 2.94 0.01	76.67 3.09 0.01	70.17 2.95 0.01	70.55 2.97 0.01	65.74 2.53 0.01	63.38 2.38 0.01	62.23 2.28 0.01	59.45 2.29 0.01	59.38 2.23 0.01	64.19 2.29 0.01	69.72 2.55 0.01	84.56 2.78 0.01	88.29 3.15 0.01	80.26 2.87 0.01	71.79 2.76 0.01	63.65 2.39 0.01	60.07 2.37 0.01	61.16 2.01 0.01
ASTORIA___3 23516	51.72 2.88 -0.01	51.00 2.70 -0.01	48.92 2.59 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.23 2.25 0.00	75.02 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.41 3.31 -10.50	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.62 2.46 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.24 2.54 0.00	61.41 2.25 0.00
ASTORIA___4 23517	51.72 2.88 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.22 2.25 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.54 3.45 -10.50	65.94 2.72 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.68 2.52 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.98 3.19 0.00	88.64 3.49 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.41 2.25 0.00
ASTORIA___5 23518	51.72 2.88 -0.01	51.00 2.70 -0.01	48.92 2.59 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.23 2.25 0.00	75.02 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.41 3.31 -10.50	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.62 2.46 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.24 2.54 0.00	61.41 2.25 0.00
AST_ENERGY_2_CC3 323677	51.32 2.49 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	50.79 1.83 0.53	50.79 1.76 5.94	55.52 2.87 19.07	55.52 2.95 21.01	55.52 2.76 14.46	55.52 2.77 14.84	55.52 2.27 9.97	55.52 2.13 7.63	55.52 2.04 6.48	55.52 2.00 3.64	55.52 2.00 3.64	55.52 2.04 8.43	55.52 2.35 14.01	55.52 2.69 28.96	55.52 3.06 32.69	55.52 2.71 24.59	55.52 2.56 16.07	63.47 2.20 0.00	59.96 2.25 0.00	61.11 1.95 0.00
AST_ENERGY_2_CC4 323678	51.32 2.49 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	50.79 1.83 0.53	50.79 1.76 5.94	55.52 2.87 19.07	55.52 2.95 21.01	55.52 2.76 14.46	55.52 2.77 14.84	55.52 2.27 9.97	55.52 2.13 7.63	55.52 2.04 6.48	55.52 2.00 3.64	55.52 2.00 3.64	55.52 2.04 8.43	55.52 2.35 14.01	55.52 2.69 28.96	55.52 3.06 32.69	55.52 2.71 24.59	55.52 2.56 16.07	63.47 2.20 0.00	59.96 2.25 0.00	61.11 1.95 0.00

ATHENS_STG_1 23668	50.58 1.76 0.00	50.02 1.74 0.00	47.98 1.67 0.00	49.43 1.58 0.00	51.03 1.54 0.00	56.46 1.48 0.00	73.80 2.08 0.00	75.64 2.06 0.00	69.10 1.88 0.00	69.42 1.83 0.00	64.80 1.58 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.53 1.37 0.00	58.53 1.37 0.00	63.34 1.43 0.00	68.79 1.61 0.00	83.67 1.88 0.00	87.28 2.13 0.00	79.34 1.94 0.00	70.76 1.73 0.00	62.80 1.53 0.00	59.21 1.50 0.00	60.58 1.42 0.00
ATHENS_STG_2 23670	50.58 1.76 0.00	50.02 1.74 0.00	47.98 1.67 0.00	49.43 1.58 0.00	51.03 1.54 0.00	56.46 1.48 0.00	73.80 2.08 0.00	75.64 2.06 0.00	69.10 1.88 0.00	69.42 1.83 0.00	64.80 1.58 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.53 1.37 0.00	58.53 1.37 0.00	63.34 1.43 0.00	68.79 1.61 0.00	83.67 1.88 0.00	87.28 2.13 0.00	79.34 1.94 0.00	70.76 1.73 0.00	62.80 1.53 0.00	59.21 1.50 0.00	60.58 1.42 0.00
ATHENS_STG_3 23677	50.58 1.76 0.00	50.02 1.74 0.00	47.98 1.67 0.00	49.43 1.58 0.00	51.03 1.54 0.00	56.46 1.48 0.00	73.80 2.08 0.00	75.64 2.06 0.00	69.10 1.88 0.00	69.42 1.83 0.00	64.80 1.58 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.53 1.37 0.00	58.53 1.37 0.00	63.34 1.43 0.00	68.79 1.61 0.00	83.67 1.88 0.00	87.28 2.13 0.00	79.34 1.94 0.00	70.76 1.73 0.00	62.80 1.53 0.00	59.21 1.50 0.00	60.58 1.42 0.00
AUBURN___LFGE 323710	48.24 -0.59 0.00	47.61 -0.68 0.00	45.62 -0.69 0.00	47.13 -0.72 0.00	48.80 -0.69 0.00	54.37 -0.60 0.00	71.00 -0.72 0.00	73.07 -0.52 0.00	66.82 -0.40 0.00	67.12 -0.47 0.00	63.03 -0.19 0.00	60.71 -0.31 0.00	59.54 -0.42 0.00	56.65 -0.51 0.00	56.59 -0.57 0.00	61.35 -0.56 0.00	66.51 -0.67 0.00	81.54 -0.25 0.00	85.15 0.00 0.00	77.01 -0.39 0.00	68.62 -0.41 0.00	60.78 -0.49 0.00	57.07 -0.63 0.00	58.45 -0.71 0.00
BABYLON_RES_REC 323704	70.95 3.66 -18.46	62.25 3.48 -10.49	58.12 3.34 -8.47	51.01 3.16 0.00	52.66 3.17 0.00	76.42 3.24 -18.20	91.76 4.81 -15.24	96.91 4.78 -18.54	88.68 4.37 -17.09	80.27 4.33 -8.35	73.84 3.86 -6.76	71.61 3.66 -6.94	74.92 3.60 -11.36	74.47 3.49 -13.81	77.32 3.49 -16.67	80.96 3.71 -15.34	90.93 4.10 -19.65	102.42 4.91 -15.73	105.60 5.45 -15.00	102.31 4.88 -20.03	95.77 4.42 -22.31	87.03 3.80 -21.96	70.89 3.70 -9.48	67.73 3.49 -5.08
BABYLON__69_KV_BK2 356345	71.44 4.15 -18.46	62.73 3.96 -10.49	58.63 3.84 -8.47	51.44 3.59 0.00	53.10 3.61 0.00	77.02 3.85 -18.20	92.47 5.52 -15.24	97.72 5.59 -18.54	89.35 5.04 -17.09	80.95 5.00 -8.35	74.53 4.55 -6.76	72.28 4.33 -6.94	75.58 4.26 -11.36	75.15 4.17 -13.81	77.95 4.12 -16.67	81.64 4.40 -15.34	91.74 4.90 -19.65	103.48 5.97 -15.73	106.53 5.80 -15.00	103.23 5.25 -20.03	96.59 5.25 -22.31	87.88 4.66 -21.96	71.58 4.39 -9.48	68.38 4.14 -5.08
BALL_HILL_WT_PWR 323825	45.80 -3.03 0.00	45.29 -2.99 0.00	43.68 -2.64 0.00	45.07 -2.78 0.00	46.67 -2.82 0.00	52.44 -2.53 0.00	68.06 -3.65 0.00	69.61 -3.97 0.00	63.40 -3.83 0.00	63.94 -3.65 0.00	60.50 -2.72 0.00	58.88 -2.14 0.00	57.75 -2.22 0.00	54.48 -2.69 0.00	54.36 -2.80 0.00	59.13 -2.78 0.00	63.15 -4.03 0.00	78.68 -3.11 0.00	82.42 -2.73 0.00	74.00 -3.40 0.00	65.65 -3.38 0.00	58.58 -2.69 0.00	55.23 -2.48 0.00	56.97 -2.19 0.00
BARON_WINDS___WT_PWR 323822	46.68 -2.15 0.00	46.21 -2.07 0.00	44.51 -1.81 0.00	45.98 -1.87 0.00	47.61 -1.88 0.00	53.32 -1.65 0.00	69.42 -2.30 0.00	71.16 -2.43 0.00	64.94 -2.29 0.00	65.22 -2.37 0.00	61.45 -1.77 0.00	59.49 -1.52 0.00	58.22 -1.74 0.00	55.11 -2.06 0.00	54.99 -2.17 0.00	59.74 -2.17 0.00	64.56 -2.62 0.00	80.15 -1.64 0.00	83.87 -1.27 0.00	75.47 -1.93 0.00	67.03 -2.00 0.00	59.68 -1.59 0.00	56.09 -1.62 0.00	57.74 -1.42 0.00
BARRETT_IC_1 23704	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_10 23701	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_11 23702	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_12 23703	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_2 23705	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_3 23706	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_4 23707	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08

BARRETT_IC_5 23708	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_6 23709	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_7 23710	70.61 3.32 -18.46	61.86 3.09 -10.49	57.80 3.01 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.90 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.86 3.92 -8.35	73.01 3.03 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.72 2.74 -13.81	76.52 2.69 -16.67	80.03 2.79 -15.34	89.99 3.16 -19.65	101.19 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.29 3.06 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_8 23711	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT_IC_9 23700	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT___1 23545	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BARRETT___2 23546	70.61 3.32 -18.46	61.86 3.09 -10.49	57.75 2.97 -8.47	50.67 2.82 0.00	52.26 2.77 0.00	76.03 2.86 -18.20	90.89 3.94 -15.24	96.03 3.90 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.08 2.76 -11.36	73.67 2.69 -13.81	76.52 2.69 -16.67	80.04 2.79 -15.34	89.99 3.16 -19.65	101.20 3.68 -15.73	104.32 4.17 -15.00	101.22 3.79 -20.03	94.73 3.38 -22.31	86.17 2.94 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
BATAVIA__115KV_TB1 55881	46.00 -2.83 0.00	45.34 -2.95 0.00	43.40 -2.92 0.00	44.98 -2.87 0.00	46.72 -2.77 0.00	52.55 -2.42 0.00	67.91 -3.80 0.00	69.61 -3.97 0.00	63.39 -3.83 0.00	63.74 -3.85 0.00	60.63 -2.59 0.00	58.76 -2.26 0.00	57.68 -2.28 0.00	54.36 -2.80 0.00	54.42 -2.74 0.00	59.19 -2.72 0.00	63.28 -3.90 0.00	78.92 -2.86 0.00	82.76 -2.38 0.00	74.15 -3.25 0.00	65.86 -3.18 0.00	58.39 -2.88 0.00	55.28 -2.42 0.00	56.85 -2.31 0.00
BAYONEEC___CTG1 323682	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BAYONEEC___CTG10 323750	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BAYONEEC___CTG2 323683	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BAYONEEC___CTG3 323684	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BAYONEEC___CTG4 323685	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BAYONEEC___CTG5 323686	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BAYONEEC___CTG6 323687	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00

BAYONEEC___CTG7 323688	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BAYONEEC___CTG8 323689	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BAYONEEC___CTG9 323749	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.91 2.06 0.00	51.42 1.93 0.00	56.84 1.87 0.00	73.25 2.94 1.40	74.28 3.02 2.32	70.05 2.82 0.00	70.43 2.84 0.00	65.56 2.34 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.59 2.41 0.00	78.49 2.78 6.08	77.82 3.15 10.48	74.80 2.87 5.46	70.86 2.62 0.80	63.54 2.27 0.00	59.96 2.25 0.00	61.11 1.95 0.00
BEACON___LESR 323632	50.98 2.15 0.00	50.46 2.17 0.00	48.31 1.99 0.00	49.81 1.96 0.00	51.52 2.03 0.00	57.17 2.20 0.00	74.59 2.87 0.00	76.38 2.80 0.00	69.71 2.49 0.00	70.02 2.43 0.00	65.43 2.21 0.00	63.15 2.13 0.00	61.94 1.98 0.00	59.05 1.88 0.00	59.16 2.00 0.00	63.77 1.86 0.00	69.26 2.08 0.00	83.75 1.96 0.00	87.28 2.13 0.00	79.49 2.09 0.00	71.18 2.14 0.00	63.17 1.90 0.00	59.55 1.85 0.00	61.23 2.07 0.00
BEAVER RIVER___HYD 24048	50.15 1.32 0.00	49.44 1.16 0.00	47.24 0.93 0.00	49.00 1.15 0.00	50.68 1.19 0.00	57.17 2.20 0.00	74.94 3.23 0.00	78.08 4.49 0.00	71.33 4.10 0.00	71.51 3.92 0.00	67.14 3.92 0.00	64.92 3.91 0.00	64.04 4.08 0.00	61.39 4.23 0.00	61.39 4.23 0.00	66.86 4.95 0.00	72.42 5.24 0.00	86.45 4.66 0.00	89.83 4.68 0.00	81.50 4.10 0.00	72.48 3.45 0.00	64.27 3.00 0.00	60.48 2.77 0.00	62.00 2.84 0.00
BEEBEE_GT_13 23619	46.24 -2.59 0.00	45.58 -2.70 0.00	43.68 -2.64 0.00	45.22 -2.63 0.00	46.87 -2.62 0.00	52.44 -2.53 0.00	67.99 -3.73 0.00	69.83 -3.75 0.00	63.66 -3.56 0.00	64.01 -3.58 0.00	60.50 -2.72 0.00	58.51 -2.50 0.00	57.44 -2.52 0.00	54.36 -2.80 0.00	54.36 -2.80 0.00	59.00 -2.91 0.00	63.48 -3.69 0.00	78.52 -3.27 0.00	82.17 -2.98 0.00	73.92 -3.48 0.00	65.72 -3.31 0.00	58.27 -3.00 0.00	55.05 -2.65 0.00	56.56 -2.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	68.57 3.47 -16.28	67.02 3.24 -15.50	66.53 3.15 -17.06	66.47 2.97 -15.66	66.51 2.82 -14.20	66.64 2.86 -8.81	75.66 3.94 0.00	77.78 4.19 0.00	71.26 4.03 0.00	145.78 4.19 -74.00	70.40 3.54 -3.63	70.34 3.36 -5.97	70.26 3.24 -7.05	70.25 3.20 -9.88	70.25 3.14 -9.94	91.17 3.34 -25.92	70.93 3.69 -0.06	139.42 4.25 -53.38	138.99 4.68 -49.16	132.29 4.18 -50.71	140.28 3.87 -67.38	70.35 3.43 -5.65	70.20 3.29 -9.21	68.71 2.96 -6.59
BETHLEHEM___GRP 23843	50.34 1.51 0.00	49.78 1.50 0.00	47.75 1.44 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.35 1.37 0.00	73.44 1.72 0.00	75.13 1.55 0.00	68.64 1.41 0.00	69.01 1.42 0.00	64.42 1.20 0.00	62.17 1.16 0.00	60.98 1.02 0.00	58.19 1.03 0.00	58.25 1.09 0.00	62.72 0.80 0.00	68.12 0.94 0.00	82.28 0.49 0.00	85.66 0.51 0.00	78.02 0.62 0.00	69.93 0.90 0.00	62.13 0.86 0.00	58.57 0.87 0.00	60.34 1.18 0.00
BETHLEHEM___GS1 323560	50.34 1.52 0.00	49.78 1.50 0.00	47.76 1.44 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.35 1.37 0.00	73.43 1.72 0.00	75.13 1.55 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.42 1.20 0.00	62.17 1.16 0.00	60.98 1.02 0.00	58.19 1.03 0.00	58.25 1.08 0.00	62.71 0.80 0.00	68.05 0.87 0.00	82.28 0.49 0.00	85.66 0.51 0.00	78.02 0.62 0.00	69.93 0.90 0.00	62.06 0.79 0.00	58.57 0.87 0.00	60.34 1.18 0.00
BETHLEHEM___GS2 323561	50.34 1.52 0.00	49.78 1.50 0.00	47.76 1.44 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.35 1.37 0.00	73.43 1.72 0.00	75.13 1.55 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.42 1.20 0.00	62.17 1.16 0.00	60.98 1.02 0.00	58.19 1.03 0.00	58.25 1.08 0.00	62.71 0.80 0.00	68.05 0.87 0.00	82.28 0.49 0.00	85.66 0.51 0.00	78.02 0.62 0.00	69.93 0.90 0.00	62.06 0.79 0.00	58.57 0.87 0.00	60.34 1.18 0.00
BETHLEHEM___GS3 323562	50.34 1.52 0.00	49.78 1.50 0.00	47.76 1.44 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.35 1.37 0.00	73.43 1.72 0.00	75.13 1.55 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.42 1.20 0.00	62.17 1.16 0.00	60.98 1.02 0.00	58.19 1.03 0.00	58.25 1.08 0.00	62.71 0.80 0.00	68.05 0.87 0.00	82.28 0.49 0.00	85.66 0.51 0.00	78.02 0.62 0.00	69.93 0.90 0.00	62.06 0.79 0.00	58.57 0.87 0.00	60.34 1.18 0.00
BETHLEHEM___STEEL 23779	45.70 -3.13 0.00	45.10 -3.19 0.00	43.35 -2.96 0.00	44.88 -2.97 0.00	46.47 -3.02 0.00	52.22 -2.75 0.00	67.63 -4.09 0.00	69.17 -4.42 0.00	62.99 -4.24 0.00	63.20 -4.39 0.00	60.25 -2.97 0.00	58.57 -2.44 0.00	57.44 -2.52 0.00	54.08 -3.09 0.00	54.13 -3.03 0.00	58.81 -3.10 0.00	62.68 -4.50 0.00	78.11 -3.68 0.00	81.74 -3.41 0.00	73.45 -3.95 0.00	65.24 -3.80 0.00	57.90 -3.37 0.00	54.88 -2.83 0.00	56.62 -2.54 0.00
BETHLHEM_115KV_TB1 79974	50.34 1.51 0.00	49.78 1.50 0.00	47.75 1.44 0.00	49.24 1.39 0.00	50.83 1.34 0.00	56.35 1.37 0.00	73.44 1.72 0.00	75.21 1.62 0.00	68.64 1.41 0.00	69.01 1.42 0.00	64.42 1.20 0.00	62.17 1.16 0.00	61.04 1.08 0.00	58.25 1.09 0.00	58.25 1.09 0.00	62.78 0.87 0.00	68.19 1.01 0.00	82.44 0.65 0.00	85.83 0.68 0.00	78.25 0.85 0.00	70.07 1.04 0.00	62.19 0.92 0.00	58.63 0.92 0.00	60.34 1.18 0.00
BETHPAGE_CC_5 323564	70.61 3.32 -18.46	61.96 3.19 -10.49	57.84 3.06 -8.47	50.72 2.87 0.00	52.36 2.87 0.00	75.98 2.80 -18.20	91.04 4.09 -15.24	96.18 4.04 -18.54	88.07 3.76 -17.09	79.73 3.78 -8.35	73.20 3.22 -6.76	71.00 3.05 -6.94	74.32 3.00 -11.36	73.89 2.91 -13.81	76.75 2.91 -16.67	80.28 3.03 -15.34	90.26 3.42 -19.65	101.52 4.01 -15.73	104.65 4.51 -15.00	101.45 4.02 -20.03	95.00 3.66 -22.31	86.41 3.18 -21.96	70.36 3.17 -9.48	67.20 2.96 -5.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.95 -2.88 0.00	45.39 -2.90 0.00	43.63 -2.69 0.00	45.22 -2.63 0.00	46.82 -2.67 0.00	52.61 -2.36 0.00	68.13 -3.59 0.00	69.69 -3.90 0.00	63.19 -4.03 0.00	63.47 -4.12 0.00	60.50 -2.72 0.00	58.82 -2.20 0.00	57.68 -2.28 0.00	54.31 -2.86 0.00	54.31 -2.86 0.00	59.06 -2.85 0.00	62.88 -4.30 0.00	78.43 -3.35 0.00	82.08 -3.07 0.00	73.76 -3.64 0.00	65.44 -3.59 0.00	58.08 -3.19 0.00	55.11 -2.60 0.00	56.79 -2.37 0.00

BINGHAMTON___COGEN 23790	48.49 -0.34 0.00	47.95 -0.34 0.00	45.99 -0.32 0.00	47.47 -0.38 0.00	49.10 -0.40 0.00	54.64 -0.33 0.00	71.36 -0.36 0.00	73.15 -0.44 0.00	66.82 -0.40 0.00	66.98 -0.61 0.00	62.91 -0.32 0.00	60.71 -0.31 0.00	59.54 -0.42 0.00	56.65 -0.51 0.00	56.71 -0.46 0.00	61.48 -0.43 0.00	66.57 -0.60 0.00	81.71 -0.08 0.00	85.32 0.17 0.00	77.17 -0.23 0.00	68.76 -0.28 0.00	60.90 -0.37 0.00	57.36 -0.35 0.00	58.86 -0.30 0.00
BIXINCNT_115KV_LOAD 355685	46.09 -2.73 0.00	45.63 -2.66 0.00	44.14 -2.18 0.00	45.89 -1.96 0.00	47.71 -1.78 0.00	53.76 -1.21 0.00	69.85 -1.86 0.00	71.38 -2.21 0.00	65.01 -2.22 0.00	65.36 -2.23 0.00	62.34 -0.89 0.00	60.71 -0.31 0.00	59.36 -0.60 0.00	55.79 -1.37 0.00	55.79 -1.37 0.00	60.67 -1.24 0.00	64.29 -2.89 0.00	80.07 -1.72 0.00	83.70 -1.45 0.00	75.15 -2.24 0.00	66.55 -2.49 0.00	59.06 -2.21 0.00	56.09 -1.62 0.00	57.80 -1.36 0.00
BLACK RIVER___HYD 24047	50.58 1.76 0.00	49.78 1.50 0.00	47.52 1.20 0.00	49.33 1.48 0.00	51.03 1.54 0.00	57.33 2.36 0.00	75.30 3.58 0.00	79.40 5.81 0.00	72.53 5.31 0.00	72.59 5.00 0.00	68.28 5.06 0.00	65.90 4.88 0.00	64.76 4.80 0.00	62.08 4.92 0.00	62.08 4.92 0.00	67.79 5.88 0.00	73.43 6.25 0.00	88.57 6.78 0.00	92.47 7.32 0.00	83.44 6.04 0.00	74.07 5.04 0.00	65.62 4.35 0.00	61.52 3.81 0.00	63.00 3.84 0.00
BLACKRVR_115KV_TB2 79977	50.59 1.76 0.00	49.78 1.50 0.00	47.52 1.20 0.00	49.33 1.48 0.00	51.03 1.53 0.00	57.33 2.36 0.00	75.30 3.59 0.00	79.40 5.81 0.00	72.54 5.31 0.00	72.53 4.93 0.00	68.34 5.12 0.00	65.89 4.88 0.00	64.76 4.80 0.00	62.02 4.86 0.00	62.08 4.92 0.00	67.79 5.88 0.00	73.43 6.25 0.00	88.58 6.79 0.00	92.47 7.32 0.00	83.44 6.04 0.00	74.07 5.04 0.00	65.56 4.29 0.00	61.52 3.81 0.00	63.01 3.85 0.00
BLISS_WT_PWR 323608	45.80 -3.03 0.00	45.44 -2.85 0.00	44.05 -2.27 0.00	45.74 -2.10 0.00	47.61 -1.88 0.00	53.71 -1.26 0.00	69.78 -1.93 0.00	71.23 -2.36 0.00	64.87 -2.35 0.00	65.63 -1.96 0.00	62.27 -0.95 0.00	60.71 -0.30 0.00	59.30 -0.66 0.00	55.91 -1.26 0.00	55.74 -1.43 0.00	60.61 -1.30 0.00	64.29 -2.89 0.00	79.99 -1.80 0.00	83.70 -1.45 0.00	75.00 -2.40 0.00	66.41 -2.62 0.00	59.25 -2.02 0.00	56.03 -1.68 0.00	57.68 -1.48 0.00
BLUESTONE___WT_PWR 323821	51.17 2.34 0.00	50.46 2.17 0.00	48.31 1.99 0.00	50.05 2.20 0.00	51.77 2.28 0.00	57.66 2.69 0.00	75.73 4.01 0.00	77.78 4.19 0.00	71.19 3.97 0.00	70.84 3.24 0.00	66.38 3.16 0.00	63.94 2.93 0.00	62.60 2.64 0.00	59.68 2.51 0.00	60.13 2.97 0.00	65.25 3.34 0.00	70.87 3.69 0.00	87.35 5.56 0.00	91.62 6.47 0.00	82.43 5.03 0.00	73.25 4.21 0.00	64.70 3.43 0.00	60.82 3.11 0.00	62.35 3.19 0.00
BLUE_CIRC_CHEM_DRP 24182	50.64 1.81 0.00	50.12 1.83 0.00	48.08 1.76 0.00	49.52 1.67 0.00	51.17 1.68 0.00	56.73 1.76 0.00	73.87 2.15 0.00	75.65 2.06 0.00	68.97 1.75 0.00	69.35 1.76 0.00	64.74 1.52 0.00	62.42 1.40 0.00	61.28 1.32 0.00	58.48 1.31 0.00	58.54 1.37 0.00	63.27 1.36 0.00	68.72 1.55 0.00	83.26 1.47 0.00	86.77 1.62 0.00	79.02 1.63 0.00	70.62 1.59 0.00	62.80 1.53 0.00	59.21 1.50 0.00	60.76 1.60 0.00
BOC_GAS_DRP 24189	50.20 1.37 0.00	49.69 1.40 0.00	47.66 1.34 0.00	49.14 1.29 0.00	50.73 1.24 0.00	56.24 1.26 0.00	73.29 1.58 0.00	75.13 1.55 0.00	68.57 1.34 0.00	68.94 1.35 0.00	64.36 1.14 0.00	62.11 1.10 0.00	60.98 1.02 0.00	58.19 1.03 0.00	58.19 1.03 0.00	62.84 0.93 0.00	68.25 1.07 0.00	82.85 1.06 0.00	86.34 1.19 0.00	78.56 1.16 0.00	70.21 1.17 0.00	62.31 1.04 0.00	58.75 1.04 0.00	60.28 1.12 0.00
BOONVILLE_115KV_TB1 79983	50.25 1.42 0.00	49.59 1.30 0.00	47.43 1.11 0.00	49.09 1.24 0.00	50.78 1.29 0.00	56.79 1.81 0.00	74.51 2.80 0.00	76.90 3.31 0.00	70.32 3.09 0.00	70.57 2.97 0.00	66.13 2.91 0.00	63.82 2.81 0.00	62.72 2.76 0.00	59.91 2.74 0.00	59.91 2.74 0.00	65.07 3.16 0.00	70.54 3.36 0.00	85.55 3.76 0.00	88.98 3.83 0.00	80.57 3.17 0.00	71.73 2.69 0.00	63.48 2.21 0.00	59.78 2.08 0.00	61.23 2.07 0.00
BORALEX_4TH_BRANCH 23824	52.10 3.27 0.00	51.52 3.24 0.00	49.38 3.06 0.00	50.86 3.01 0.00	52.56 3.07 0.00	58.32 3.35 0.00	76.09 4.37 0.00	78.08 4.49 0.00	71.19 3.97 0.00	71.51 3.92 0.00	66.64 3.41 0.00	64.31 3.29 0.00	63.14 3.18 0.00	60.19 3.03 0.00	60.19 3.03 0.00	65.19 3.28 0.00	70.87 3.69 0.00	86.12 4.33 0.00	89.92 4.77 0.00	81.73 4.33 0.00	72.90 3.87 0.00	64.76 3.49 0.00	60.94 3.23 0.00	62.36 3.19 0.00
BOWLINE___1 23526	50.98 2.15 0.00	50.27 1.98 0.00	48.22 1.90 0.00	49.62 1.77 0.00	51.18 1.68 0.00	56.57 1.60 0.00	74.08 2.36 0.00	75.79 2.21 0.00	69.10 1.88 0.00	69.42 1.83 0.00	64.74 1.51 0.00	62.42 1.40 0.00	61.28 1.32 0.00	58.53 1.37 0.00	58.48 1.32 0.00	63.27 1.36 0.00	68.73 1.55 0.00	83.58 1.80 0.00	87.28 2.13 0.00	79.34 1.94 0.00	70.76 1.73 0.00	62.74 1.47 0.00	59.38 1.67 0.00	60.70 1.54 0.00
BOWLINE___2 23595	50.98 2.15 0.00	50.27 1.98 0.00	48.22 1.90 0.00	49.62 1.77 0.00	51.18 1.68 0.00	56.51 1.54 0.00	73.94 2.23 0.00	75.72 2.14 0.00	69.10 1.88 0.00	69.42 1.83 0.00	64.68 1.46 0.00	62.35 1.34 0.00	61.28 1.32 0.00	58.48 1.32 0.00	58.48 1.32 0.00	63.21 1.30 0.00	68.73 1.55 0.00	83.51 1.72 0.00	87.19 2.04 0.00	79.25 1.85 0.00	70.76 1.73 0.00	62.74 1.47 0.00	59.27 1.56 0.00	60.58 1.42 0.00
BRADY___115KV_TB2 356060	49.71 0.88 0.00	49.11 0.82 0.00	47.11 0.79 0.00	49.00 1.15 0.00	50.68 1.19 0.00	56.79 1.81 0.00	74.01 2.29 0.00	76.09 2.50 0.00	69.44 2.22 0.00	69.82 2.23 0.00	65.43 2.21 0.00	63.33 2.32 0.00	62.78 2.82 0.00	60.02 2.86 0.00	60.02 2.86 0.00	65.25 3.34 0.00	70.74 3.56 0.00	84.65 2.86 0.00	87.02 1.87 0.00	80.03 2.63 0.00	71.38 2.35 0.00	63.41 2.14 0.00	59.84 2.14 0.00	61.53 2.37 0.00
BRANSCOMB___SOLAR 323811	52.20 3.37 0.00	51.66 3.38 0.00	49.51 3.19 0.00	51.06 3.21 0.00	52.76 3.27 0.00	58.60 3.63 0.00	76.66 4.94 0.00	78.59 5.01 0.00	71.59 4.37 0.00	71.85 4.26 0.00	67.01 3.79 0.00	64.61 3.60 0.00	63.38 3.42 0.00	60.42 3.26 0.00	60.59 3.43 0.00	66.06 4.15 0.00	71.75 4.57 0.00	87.10 5.31 0.00	90.94 5.79 0.00	82.67 5.27 0.00	73.66 4.63 0.00	65.49 4.22 0.00	61.57 3.87 0.00	63.00 3.84 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	71.25 3.96 -18.46	62.54 3.77 -10.49	58.44 3.66 -8.47	51.29 3.45 0.00	52.96 3.46 0.00	76.86 3.68 -18.20	92.19 5.24 -15.24	97.43 5.30 -18.54	89.15 4.84 -17.09	80.74 4.80 -8.35	74.34 4.36 -6.76	72.10 4.15 -6.94	75.40 4.08 -11.36	74.98 4.00 -13.81	77.78 3.94 -16.67	81.40 4.15 -15.34	91.47 4.64 -19.65	102.99 5.48 -15.73	106.02 5.88 -15.00	102.77 5.34 -20.03	96.25 4.90 -22.31	87.58 4.35 -21.96	71.35 4.15 -9.48	68.15 3.90 -5.08

BRISTLHL_115KV_TB1 79998	48.59 -0.24 0.00	47.95 -0.34 0.00	45.90 -0.42 0.00	47.42 -0.43 0.00	49.10 -0.40 0.00	54.70 -0.27 0.00	71.36 -0.36 0.00	74.03 0.44 0.00	67.69 0.47 0.00	67.93 0.34 0.00	63.85 0.63 0.00	61.56 0.55 0.00	60.32 0.36 0.00	57.51 0.34 0.00	57.45 0.29 0.00	62.41 0.50 0.00	67.58 0.40 0.00	82.52 0.74 0.00	86.26 1.11 0.00	78.02 0.62 0.00	69.52 0.48 0.00	61.64 0.37 0.00	57.82 0.12 0.00	59.22 0.06 0.00
BROOKHAVEN___DRP 24191	71.05 3.76 -18.46	62.34 3.57 -10.49	58.26 3.47 -8.47	51.10 3.25 0.00	52.76 3.27 0.00	76.64 3.46 -18.20	91.90 4.95 -15.24	97.13 5.00 -18.54	88.82 4.50 -17.09	80.41 4.46 -8.35	74.09 4.11 -6.76	71.86 3.90 -6.94	75.16 3.84 -11.36	74.75 3.77 -13.81	77.49 3.66 -16.67	81.21 3.96 -15.34	91.27 4.43 -19.65	102.83 5.32 -15.73	105.93 5.79 -15.00	102.69 5.26 -20.03	96.11 4.76 -22.31	87.39 4.17 -21.96	71.23 4.04 -9.48	68.09 3.85 -5.08
BROOKLYN_NAVY_YARD 23515	51.32 2.49 0.00	50.51 2.22 0.00	48.45 2.13 0.00	49.86 2.01 0.00	51.32 1.83 0.00	56.78 1.81 0.00	74.66 2.94 0.00	76.61 3.02 0.00	70.05 2.82 0.00	70.43 2.84 0.00	65.62 2.40 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.05 0.00	64.08 2.17 0.00	69.67 2.49 0.00	84.65 2.86 0.00	88.38 3.23 0.00	80.27 2.87 0.00	71.72 2.69 0.00	63.54 2.27 0.00	59.96 2.25 0.00	61.05 1.89 0.00
BROOKLYN___ARMY_DRP 323595	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
BROOKVLE_69_KV_TB1 55790	70.95 3.66 -18.46	62.25 3.48 -10.49	58.12 3.33 -8.47	50.96 3.11 0.00	52.61 3.12 0.00	76.42 3.24 -18.20	91.69 4.73 -15.24	96.91 4.78 -18.54	88.68 4.37 -17.09	80.34 4.39 -8.35	73.71 3.73 -6.76	71.49 3.54 -6.94	74.80 3.48 -11.36	74.35 3.37 -13.81	77.15 3.32 -16.67	80.71 3.47 -15.34	90.73 3.90 -19.65	102.18 4.66 -15.73	105.25 5.11 -15.00	102.07 4.64 -20.03	95.49 4.14 -22.31	86.90 3.68 -21.96	70.71 3.52 -9.48	67.67 3.43 -5.08
BROOME_2_LFGE 323671	48.49 -0.34 0.00	47.95 -0.34 0.00	46.00 -0.32 0.00	47.46 -0.38 0.00	49.09 -0.40 0.00	54.64 -0.33 0.00	71.36 -0.36 0.00	73.15 -0.44 0.00	66.82 -0.40 0.00	67.05 -0.54 0.00	62.91 -0.31 0.00	60.71 -0.30 0.00	59.55 -0.42 0.00	56.65 -0.52 0.00	56.70 -0.46 0.00	61.48 -0.43 0.00	66.64 -0.54 0.00	81.71 -0.08 0.00	85.32 0.17 0.00	77.17 -0.23 0.00	68.76 -0.28 0.00	60.96 -0.30 0.00	57.36 -0.34 0.00	58.87 -0.29 0.00
BROOME___LFGE 323600	48.49 -0.34 0.00	47.95 -0.34 0.00	46.00 -0.32 0.00	47.46 -0.38 0.00	49.09 -0.40 0.00	54.64 -0.33 0.00	71.36 -0.36 0.00	73.15 -0.44 0.00	66.82 -0.40 0.00	67.05 -0.54 0.00	62.91 -0.31 0.00	60.71 -0.30 0.00	59.55 -0.42 0.00	56.65 -0.52 0.00	56.70 -0.46 0.00	61.48 -0.43 0.00	66.64 -0.54 0.00	81.71 -0.08 0.00	85.32 0.17 0.00	77.17 -0.23 0.00	68.76 -0.28 0.00	60.96 -0.30 0.00	57.36 -0.34 0.00	58.87 -0.29 0.00
BROWNFLS_115KV_TB_3_5 80003	49.66 0.83 0.00	49.01 0.72 0.00	46.92 0.60 0.00	48.71 0.86 0.00	50.33 0.84 0.00	57.33 2.36 0.00	74.80 3.08 0.00	77.49 3.90 0.00	70.72 3.50 0.00	70.97 3.38 0.00	66.89 3.67 0.00	64.86 3.84 0.00	64.40 4.44 0.00	61.91 4.74 0.00	61.85 4.69 0.00	67.36 5.45 0.00	72.69 5.51 0.00	84.98 3.19 0.00	87.79 2.64 0.00	80.11 2.71 0.00	71.38 2.35 0.00	63.48 2.21 0.00	59.90 2.19 0.00	61.47 2.31 0.00
BROWNSV1_27_KV_LOAD 356125	51.81 2.98 0.00	50.99 2.70 0.00	48.96 2.64 0.00	50.29 2.44 0.00	51.82 2.33 0.00	57.33 2.36 0.00	75.37 3.66 0.00	77.34 3.75 0.00	70.72 3.50 0.00	71.24 3.65 0.00	66.19 2.97 0.00	63.82 2.81 0.00	62.66 2.70 0.00	59.85 2.69 0.00	59.79 2.63 0.00	64.70 2.79 0.00	70.34 3.16 0.00	85.47 3.68 0.00	89.24 4.09 0.00	81.11 3.72 0.00	72.42 3.38 0.00	64.27 3.00 0.00	60.53 2.83 0.00	61.70 2.54 0.00
BURROWS___LYONSDAL 23803	50.25 1.42 0.00	49.54 1.26 0.00	47.38 1.07 0.00	49.09 1.24 0.00	50.78 1.29 0.00	56.84 1.87 0.00	74.66 2.94 0.00	77.19 3.61 0.00	70.52 3.29 0.00	70.77 3.18 0.00	66.38 3.16 0.00	64.06 3.05 0.00	62.96 3.00 0.00	60.19 3.03 0.00	60.19 3.03 0.00	65.44 3.53 0.00	70.94 3.76 0.00	85.80 4.01 0.00	89.24 4.09 0.00	80.81 3.41 0.00	71.86 2.83 0.00	63.66 2.39 0.00	59.90 2.19 0.00	61.41 2.25 0.00
CAITHNESS_CC_1 323624	71.00 3.71 -18.46	62.25 3.48 -10.49	58.12 3.34 -8.47	51.01 3.16 0.00	52.66 3.17 0.00	76.53 3.35 -18.20	91.76 4.81 -15.24	96.99 4.86 -18.54	88.68 4.37 -17.09	80.21 4.26 -8.35	74.03 4.05 -6.76	71.74 3.78 -6.94	75.04 3.72 -11.36	74.64 3.66 -13.81	77.38 3.55 -16.67	81.09 3.84 -15.34	91.07 4.23 -19.65	102.67 5.16 -15.73	105.76 5.62 -15.00	102.45 5.03 -20.03	95.97 4.63 -22.31	87.21 3.98 -21.96	71.12 3.93 -9.48	67.97 3.73 -5.08
CALPINE BETH_PAGE_GT4 24209	70.46 3.17 -18.46	61.96 3.19 -10.49	57.84 3.06 -8.47	50.67 2.82 0.00	52.31 2.82 0.00	75.87 2.69 -18.20	90.90 3.94 -15.24	96.10 3.97 -18.54	87.94 3.63 -17.09	79.66 3.72 -8.35	73.08 3.10 -6.76	70.88 2.93 -6.94	74.20 2.88 -11.36	73.84 2.86 -13.81	76.64 2.80 -16.67	80.22 2.97 -15.34	90.19 3.36 -19.65	101.36 3.84 -15.73	104.40 4.26 -15.00	101.30 3.87 -20.03	94.87 3.52 -22.31	86.41 3.19 -21.96	70.25 3.06 -9.48	67.08 2.84 -5.08
CALPINE_BETH_PAGE_GT_4 323586	70.46 3.17 -18.46	61.91 3.14 -10.49	57.79 3.01 -8.47	50.67 2.82 0.00	52.31 2.82 0.00	75.87 2.69 -18.20	90.89 3.94 -15.24	96.10 3.97 -18.54	87.94 3.63 -17.09	79.52 3.58 -8.35	73.14 3.16 -6.76	70.88 2.93 -6.94	74.20 2.88 -11.36	73.78 2.80 -13.81	76.63 2.80 -16.67	80.22 2.97 -15.34	90.12 3.29 -19.65	101.36 3.84 -15.73	104.48 4.34 -15.00	101.29 3.87 -20.03	94.87 3.52 -22.31	86.29 3.06 -21.96	70.25 3.06 -9.48	67.08 2.84 -5.08
CALPINE_BP_GT1 23823	70.46 3.17 -18.46	61.91 3.14 -10.49	57.79 3.01 -8.47	50.67 2.82 0.00	52.31 2.82 0.00	75.87 2.69 -18.20	90.89 3.94 -15.24	96.10 3.97 -18.54	87.94 3.63 -17.09	79.52 3.58 -8.35	73.14 3.16 -6.76	70.88 2.93 -6.94	74.20 2.88 -11.36	73.78 2.80 -13.81	76.63 2.80 -16.67	80.22 2.97 -15.34	90.12 3.29 -19.65	101.36 3.84 -15.73	104.48 4.34 -15.00	101.29 3.87 -20.03	94.87 3.52 -22.31	86.29 3.06 -21.96	70.25 3.06 -9.48	67.08 2.84 -5.08
CALSPAN___DRP 24200	45.70 -3.13 0.00	45.10 -3.19 0.00	43.35 -2.96 0.00	44.88 -2.97 0.00	46.47 -3.02 0.00	52.22 -2.75 0.00	67.63 -4.09 0.00	69.17 -4.42 0.00	62.99 -4.24 0.00	63.20 -4.39 0.00	60.25 -2.97 0.00	58.57 -2.44 0.00	57.44 -2.52 0.00	54.08 -3.09 0.00	54.13 -3.03 0.00	58.81 -3.10 0.00	62.68 -4.50 0.00	78.11 -3.68 0.00	81.74 -3.41 0.00	73.45 -3.95 0.00	65.24 -3.80 0.00	57.90 -3.37 0.00	54.88 -2.83 0.00	56.62 -2.54 0.00

CALVERTON___SOLAR 323806	71.15 3.86 -18.46	62.39 3.62 -10.49	58.30 3.52 -8.47	51.15 3.30 0.00	52.81 3.32 0.00	76.75 3.57 -18.20	92.04 5.09 -15.24	97.28 5.15 -18.54	88.95 4.63 -17.09	80.47 4.53 -8.35	74.21 4.24 -6.76	71.98 4.03 -6.94	75.28 3.96 -11.36	74.81 3.83 -13.81	77.61 3.77 -16.67	81.33 4.09 -15.34	91.40 4.57 -19.65	103.08 5.56 -15.73	106.19 6.05 -15.00	102.84 5.42 -20.03	96.25 4.90 -22.31	87.45 4.22 -21.96	71.40 4.21 -9.48	68.27 4.02 -5.08
CANDIGU_WT_PWR 323617	46.68 -2.15 0.00	46.21 -2.07 0.00	44.51 -1.81 0.00	45.98 -1.87 0.00	47.61 -1.88 0.00	53.32 -1.65 0.00	69.42 -2.30 0.00	71.16 -2.43 0.00	64.94 -2.29 0.00	65.22 -2.37 0.00	61.45 -1.77 0.00	59.49 -1.52 0.00	58.22 -1.74 0.00	55.11 -2.06 0.00	54.99 -2.17 0.00	59.74 -2.17 0.00	64.56 -2.62 0.00	80.15 -1.64 0.00	83.87 -1.27 0.00	75.47 -1.93 0.00	67.03 -2.00 0.00	59.68 -1.59 0.00	56.09 -1.62 0.00	57.74 -1.42 0.00
CARR STREET_E_SYR 24060	47.80 -1.03 0.00	47.22 -1.06 0.00	45.26 -1.06 0.00	46.70 -1.15 0.00	48.36 -1.14 0.00	53.76 -1.21 0.00	70.14 -1.58 0.00	71.97 -1.62 0.00	65.75 -1.48 0.00	66.10 -1.49 0.00	61.96 -1.26 0.00	59.79 -1.22 0.00	58.64 -1.32 0.00	55.85 -1.31 0.00	55.85 -1.31 0.00	60.49 -1.42 0.00	65.43 -1.75 0.00	79.99 -1.80 0.00	83.53 -1.62 0.00	75.62 -1.78 0.00	67.45 -1.59 0.00	59.98 -1.29 0.00	56.38 -1.32 0.00	57.80 -1.36 0.00
CARTHAGE___PAPER 23857	50.29 1.46 0.00	49.59 1.30 0.00	47.34 1.02 0.00	49.14 1.29 0.00	50.83 1.34 0.00	57.23 2.25 0.00	75.16 3.44 0.00	78.74 5.15 0.00	71.93 4.70 0.00	71.98 4.39 0.00	67.65 4.42 0.00	65.35 4.33 0.00	64.34 4.37 0.00	61.68 4.51 0.00	61.68 4.51 0.00	67.29 5.38 0.00	72.96 5.78 0.00	87.51 5.72 0.00	91.02 5.87 0.00	82.43 5.03 0.00	73.25 4.21 0.00	64.88 3.61 0.00	60.94 3.23 0.00	62.41 3.25 0.00
CASSADAGA_WT_PWR 323784	46.54 -2.29 0.00	46.02 -2.27 0.00	44.42 -1.90 0.00	45.93 -1.92 0.00	47.61 -1.88 0.00	53.76 -1.21 0.00	70.07 -1.65 0.00	71.75 -1.84 0.00	65.55 -1.68 0.00	66.10 -1.49 0.00	62.40 -0.82 0.00	60.77 -0.24 0.00	59.55 -0.42 0.00	56.08 -1.09 0.00	55.85 -1.31 0.00	60.73 -1.18 0.00	65.03 -2.15 0.00	81.05 -0.74 0.00	85.06 -0.09 0.00	76.24 -1.16 0.00	67.65 -1.38 0.00	60.35 -0.92 0.00	56.67 -1.04 0.00	58.57 -0.59 0.00
CE_DUNWOOD___DRP 24194	51.32 2.49 0.00	50.60 2.32 0.00	48.59 2.27 0.00	49.95 2.11 0.00	51.52 2.03 0.00	56.95 1.98 0.00	74.73 3.01 0.00	76.53 2.94 0.00	69.91 2.69 0.00	70.36 2.77 0.00	65.50 2.28 0.00	63.15 2.14 0.00	62.00 2.04 0.00	59.22 2.06 0.00	59.16 2.00 0.00	63.95 2.04 0.00	69.60 2.42 0.00	84.49 2.70 0.00	88.21 3.07 0.00	80.19 2.79 0.00	71.59 2.55 0.00	63.60 2.33 0.00	59.96 2.25 0.00	61.17 2.01 0.00
CE_MILLWOOD___DRP 24193	51.22 2.39 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	51.42 1.93 0.00	56.89 1.92 0.00	74.58 2.87 0.00	76.38 2.80 0.00	69.78 2.55 0.00	70.16 2.57 0.00	65.31 2.09 0.00	62.97 1.95 0.00	61.88 1.92 0.00	59.11 1.94 0.00	59.05 1.89 0.00	63.83 1.92 0.00	69.40 2.22 0.00	84.32 2.54 0.00	88.04 2.90 0.00	80.03 2.63 0.00	71.45 2.42 0.00	63.41 2.14 0.00	59.78 2.08 0.00	61.05 1.89 0.00
CE_NYC2_DRP 24202	51.77 2.93 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.22 2.25 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.54 3.45 -10.50	66.00 2.78 0.00	63.70 2.68 0.00	62.54 2.58 0.00	59.74 2.57 0.00	59.68 2.52 0.00	64.51 2.60 0.00	70.07 2.89 0.00	85.06 3.27 0.00	91.36 3.58 -2.63	82.06 3.25 -1.41	72.07 3.04 0.00	63.97 2.70 0.00	60.30 2.60 0.00	61.47 2.31 0.00
CE_NYC_DRP 24195	51.42 2.59 0.00	50.70 2.41 0.00	48.63 2.32 0.00	50.00 2.15 0.00	51.39 1.98 0.08	55.95 1.92 0.94	71.78 3.08 3.02	73.43 3.16 3.33	67.89 2.96 2.29	68.35 3.11 2.35	64.11 2.47 1.58	62.12 2.32 1.21	61.22 2.28 1.03	58.82 2.23 0.58	58.76 2.17 0.58	62.87 2.29 1.33	67.58 2.62 2.22	80.15 2.94 4.58	83.30 3.32 5.17	76.53 3.02 3.89	69.25 2.76 2.54	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
CHAFFEE___LFGE 323603	46.00 -2.83 0.00	45.39 -2.90 0.00	43.77 -2.55 0.00	45.17 -2.68 0.00	46.77 -2.72 0.00	52.55 -2.42 0.00	68.13 -3.58 0.00	69.68 -3.90 0.00	63.53 -3.70 0.00	64.07 -3.52 0.00	60.69 -2.53 0.00	59.06 -1.95 0.00	57.99 -1.98 0.00	54.71 -2.46 0.00	54.59 -2.57 0.00	59.37 -2.54 0.00	63.22 -3.96 0.00	78.76 -3.02 0.00	82.60 -2.55 0.00	74.07 -3.33 0.00	65.72 -3.31 0.00	58.64 -2.63 0.00	55.29 -2.42 0.00	56.91 -2.25 0.00
CHATEAUG_35_KV_LOAD 355732	47.95 -0.88 0.00	47.51 -0.77 0.00	45.72 -0.60 0.00	47.66 -0.19 0.00	49.49 0.00 0.00	55.52 0.55 0.00	72.43 0.72 0.00	74.62 1.03 0.00	68.30 1.08 0.00	68.88 1.28 0.00	64.49 1.26 0.00	62.42 1.40 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.99 1.83 0.00	64.08 2.17 0.00	69.53 2.35 0.00	83.67 1.88 0.00	86.34 1.19 0.00	79.10 1.70 0.00	70.69 1.66 0.00	62.68 1.41 0.00	58.98 1.27 0.00	60.76 1.60 0.00
CHATEAUG_WT_PWR 323614	47.66 -1.17 0.00	47.27 -1.02 0.00	45.53 -0.79 0.00	47.46 -0.38 0.00	49.39 -0.10 0.00	55.36 0.39 0.00	72.15 0.43 0.00	74.40 0.81 0.00	68.10 0.87 0.00	68.67 1.08 0.00	64.36 1.14 0.00	62.30 1.28 0.00	61.58 1.62 0.00	58.82 1.66 0.00	58.82 1.66 0.00	63.83 1.92 0.00	69.26 2.08 0.00	83.34 1.55 0.00	85.83 0.68 0.00	78.79 1.39 0.00	70.49 1.45 0.00	62.49 1.22 0.00	58.80 1.09 0.00	60.70 1.54 0.00
CHAT_HIGH_FALL_HYD 323578	47.95 -0.88 0.00	47.51 -0.77 0.00	45.72 -0.60 0.00	47.66 -0.19 0.00	49.49 0.00 0.00	55.52 0.55 0.00	72.43 0.72 0.00	74.62 1.03 0.00	68.30 1.08 0.00	68.88 1.28 0.00	64.49 1.26 0.00	62.42 1.40 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.99 1.83 0.00	64.08 2.17 0.00	69.53 2.35 0.00	83.67 1.88 0.00	86.34 1.19 0.00	79.10 1.70 0.00	70.69 1.66 0.00	62.68 1.41 0.00	58.98 1.27 0.00	60.76 1.60 0.00
CHAUTAUQUA___LFGE 323629	46.05 -2.78 0.00	45.53 -2.75 0.00	43.96 -2.36 0.00	45.41 -2.44 0.00	47.02 -2.47 0.00	52.94 -2.03 0.00	68.84 -2.87 0.00	70.43 -3.16 0.00	64.20 -3.02 0.00	64.76 -2.84 0.00	61.20 -2.03 0.00	59.55 -1.46 0.00	58.40 -1.56 0.00	55.05 -2.11 0.00	54.93 -2.23 0.00	59.74 -2.17 0.00	64.02 -3.16 0.00	79.66 -2.13 0.00	83.62 -1.53 0.00	74.92 -2.48 0.00	66.55 -2.48 0.00	59.37 -1.90 0.00	55.92 -1.79 0.00	57.68 -1.48 0.00
CHERRYST_13_KV_LD 356241	51.56 2.73 0.00	50.80 2.51 0.00	48.77 2.45 0.00	50.10 2.25 0.00	51.54 2.13 0.08	56.22 2.09 0.84	72.32 3.30 2.70	74.00 3.39 2.97	68.34 3.16 2.05	68.80 3.31 2.10	64.53 2.72 1.41	62.50 2.56 1.08	61.50 2.46 0.92	59.11 2.46 0.52	59.05 2.40 0.52	63.19 2.48 1.19	68.02 2.82 1.98	80.96 3.27 4.10	84.10 3.58 4.63	77.17 3.25 3.48	69.73 2.97 2.27	63.90 2.63 0.00	60.30 2.60 0.00	61.41 2.25 0.00

CHESTROR_138KV_BK263 355645	50.73 1.90 0.00	50.12 1.83 0.00	48.08 1.76 0.00	49.43 1.58 0.00	51.03 1.53 0.00	56.46 1.48 0.00	73.94 2.22 0.00	75.65 2.06 0.00	69.11 1.88 0.00	69.42 1.82 0.00	64.68 1.45 0.00	62.36 1.34 0.00	61.22 1.26 0.00	58.48 1.31 0.00	58.48 1.31 0.00	63.21 1.30 0.00	68.79 1.61 0.00	83.67 1.88 0.00	87.28 2.13 0.00	79.41 2.01 0.00	70.83 1.79 0.00	62.86 1.59 0.00	59.27 1.56 0.00	60.58 1.42 0.00
CH_MIDHUDSON___DRP 24192	51.37 2.54 0.00	50.70 2.41 0.00	48.63 2.32 0.00	50.00 2.15 0.00	51.62 2.13 0.00	57.17 2.20 0.00	74.87 3.16 0.00	76.60 3.02 0.00	69.98 2.76 0.00	70.30 2.70 0.00	65.50 2.28 0.00	63.09 2.07 0.00	62.00 2.04 0.00	59.22 2.06 0.00	59.16 2.00 0.00	64.02 2.10 0.00	69.66 2.49 0.00	84.73 2.94 0.00	88.38 3.24 0.00	80.50 3.10 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.02 2.31 0.00	61.29 2.13 0.00
CH_MISC_IPPS 23765	51.51 2.68 0.00	50.84 2.56 0.00	48.73 2.41 0.00	50.15 2.30 0.00	51.77 2.28 0.00	57.33 2.36 0.00	75.09 3.37 0.00	76.75 3.16 0.00	70.18 2.95 0.00	70.36 2.77 0.00	65.62 2.40 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.80 3.40 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.47 2.30 0.00
CH_RES_BVR_FALLS 23983	47.95 -0.88 0.00	47.51 -0.77 0.00	45.67 -0.65 0.00	47.37 -0.48 0.00	49.09 -0.40 0.00	54.64 -0.33 0.00	71.36 -0.36 0.00	73.37 -0.22 0.00	67.09 -0.13 0.00	67.59 0.00 0.00	63.28 0.06 0.00	61.14 0.12 0.00	60.26 0.30 0.00	57.45 0.29 0.00	57.51 0.35 0.00	62.28 0.37 0.00	67.58 0.41 0.00	82.03 0.25 0.00	84.89 -0.25 0.00	77.48 0.08 0.00	69.03 0.00 0.00	61.27 0.00 0.00	57.71 0.00 0.00	59.28 0.12 0.00
CH_RES_NIAGARA 23895	43.70 -5.13 0.00	43.12 -5.17 0.00	41.36 -4.96 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	59.82 -7.77 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.16 -6.00 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.32 -7.86 0.00	74.10 -7.69 0.00	77.40 -7.75 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	54.96 -6.31 0.00	52.23 -5.48 0.00	53.95 -5.21 0.00
CH_RES_SYRACUSE 23985	48.25 -0.58 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.18 -0.67 0.00	48.80 -0.69 0.00	54.31 -0.66 0.00	70.86 -0.86 0.00	72.85 -0.74 0.00	66.62 -0.61 0.00	66.92 -0.68 0.00	62.71 -0.51 0.00	60.52 -0.49 0.00	59.36 -0.60 0.00	56.54 -0.63 0.00	56.48 -0.68 0.00	61.29 -0.62 0.00	66.44 -0.74 0.00	81.22 -0.57 0.00	84.81 -0.34 0.00	76.78 -0.62 0.00	68.48 -0.55 0.00	60.72 -0.55 0.00	57.02 -0.69 0.00	58.45 -0.71 0.00
CLINTON_WT_PWR 323605	47.66 -1.17 0.00	47.27 -1.02 0.00	45.53 -0.79 0.00	47.46 -0.38 0.00	49.39 -0.10 0.00	55.36 0.39 0.00	72.15 0.43 0.00	74.40 0.81 0.00	68.10 0.87 0.00	68.67 1.08 0.00	64.36 1.14 0.00	62.30 1.28 0.00	61.58 1.62 0.00	58.82 1.66 0.00	58.82 1.66 0.00	63.83 1.92 0.00	69.26 2.08 0.00	83.34 1.55 0.00	85.83 0.68 0.00	78.79 1.39 0.00	70.49 1.45 0.00	62.49 1.22 0.00	58.80 1.09 0.00	60.70 1.54 0.00
CLINTON___LFGE 323618	47.90 -0.93 0.00	47.56 -0.72 0.00	45.86 -0.46 0.00	48.09 0.24 0.00	50.13 0.64 0.00	56.57 1.60 0.00	73.37 1.65 0.00	75.87 2.28 0.00	69.44 2.22 0.00	70.09 2.50 0.00	65.75 2.53 0.00	63.64 2.62 0.00	63.14 3.18 0.00	60.25 3.08 0.00	60.25 3.08 0.00	65.50 3.59 0.00	71.07 3.89 0.00	84.97 3.19 0.00	87.19 2.04 0.00	80.42 3.02 0.00	72.14 3.11 0.00	63.90 2.63 0.00	60.07 2.37 0.00	62.29 3.13 0.00
COBBLENY_34_KV_TB1 80064	46.00 -2.83 0.00	45.39 -2.90 0.00	43.63 -2.69 0.00	45.17 -2.68 0.00	46.77 -2.72 0.00	52.55 -2.42 0.00	68.13 -3.59 0.00	69.69 -3.90 0.00	63.53 -3.70 0.00	63.74 -3.85 0.00	60.76 -2.47 0.00	59.06 -1.95 0.00	57.98 -1.98 0.00	54.53 -2.63 0.00	54.59 -2.57 0.00	59.37 -2.54 0.00	63.15 -4.03 0.00	78.76 -3.03 0.00	82.42 -2.72 0.00	74.07 -3.33 0.00	65.72 -3.31 0.00	58.27 -3.00 0.00	55.28 -2.42 0.00	56.91 -2.25 0.00
COFFEEN___115KV_TB3 355620	50.88 2.05 0.00	50.07 1.79 0.00	47.75 1.44 0.00	49.62 1.77 0.00	51.32 1.83 0.00	57.66 2.69 0.00	75.73 4.02 0.00	79.92 6.33 0.00	73.01 5.78 0.00	73.00 5.41 0.00	68.72 5.50 0.00	66.26 5.25 0.00	65.12 5.16 0.00	62.37 5.20 0.00	62.37 5.20 0.00	68.23 6.31 0.00	73.90 6.72 0.00	89.31 7.52 0.00	93.32 8.17 0.00	84.13 6.73 0.00	74.69 5.66 0.00	66.05 4.78 0.00	61.98 4.27 0.00	63.42 4.26 0.00
COLDSPRG_115KV_BK1 355956	47.75 -1.07 0.00	47.22 -1.06 0.00	45.44 -0.88 0.00	47.08 -0.77 0.00	48.75 -0.74 0.00	55.03 0.05 0.00	71.71 0.00 0.00	73.44 -0.15 0.00	67.09 -0.13 0.00	67.32 -0.27 0.00	64.04 0.82 0.00	62.36 1.34 0.00	61.10 1.14 0.00	57.51 0.34 0.00	57.45 0.29 0.00	62.47 0.56 0.00	66.17 -1.01 0.00	82.44 0.65 0.00	86.43 1.28 0.00	77.48 0.08 0.00	68.76 -0.28 0.00	60.96 -0.31 0.00	57.65 -0.06 0.00	59.40 0.24 0.00
COLONIE_LFGE___ 323577	51.51 2.68 0.00	50.94 2.65 0.00	48.82 2.50 0.00	50.34 2.49 0.00	52.01 2.52 0.00	57.66 2.69 0.00	75.30 3.58 0.00	77.19 3.60 0.00	70.38 3.16 0.00	70.70 3.11 0.00	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.56 2.40 0.00	59.62 2.46 0.00	64.57 2.66 0.00	70.13 2.95 0.00	85.14 3.35 0.00	88.89 3.74 0.00	80.80 3.40 0.00	72.07 3.03 0.00	64.03 2.76 0.00	60.31 2.60 0.00	61.70 2.54 0.00
COOPERNY_115KV_TB1 80082	50.20 1.37 0.00	49.59 1.30 0.00	47.57 1.25 0.00	49.00 1.15 0.00	50.58 1.09 0.00	56.02 1.04 0.00	73.29 1.58 0.00	75.06 1.47 0.00	68.57 1.34 0.00	69.15 1.55 0.00	64.42 1.20 0.00	62.11 1.10 0.00	61.04 1.08 0.00	58.25 1.09 0.00	58.08 0.91 0.00	62.84 0.93 0.00	68.32 1.14 0.00	83.18 1.39 0.00	86.77 1.62 0.00	78.79 1.39 0.00	70.35 1.31 0.00	62.37 1.10 0.00	58.80 1.10 0.00	60.17 1.01 0.00
COPENHAGEN_WT_PWR 323753	50.34 1.52 0.00	49.59 1.30 0.00	47.34 1.02 0.00	49.14 1.29 0.00	50.83 1.34 0.00	57.06 2.09 0.00	74.87 3.15 0.00	79.11 5.52 0.00	72.27 5.04 0.00	72.32 4.73 0.00	68.09 4.87 0.00	65.65 4.63 0.00	64.52 4.55 0.00	61.79 4.63 0.00	61.85 4.69 0.00	67.48 5.57 0.00	73.09 5.91 0.00	88.25 6.46 0.00	92.13 6.98 0.00	83.13 5.73 0.00	73.86 4.83 0.00	65.44 4.17 0.00	61.35 3.64 0.00	62.83 3.67 0.00
CORNELL_____ 23752	49.22 0.39 0.00	48.57 0.29 0.00	46.55 0.23 0.00	48.14 0.29 0.00	49.79 0.30 0.00	55.47 0.49 0.00	72.58 0.86 0.00	74.62 1.03 0.00	68.17 0.94 0.00	68.27 0.68 0.00	64.04 0.82 0.00	61.75 0.73 0.00	60.50 0.54 0.00	57.56 0.40 0.00	57.62 0.46 0.00	62.59 0.68 0.00	67.92 0.74 0.00	83.34 1.55 0.00	87.11 1.96 0.00	78.72 1.32 0.00	70.14 1.10 0.00	62.07 0.80 0.00	58.28 0.58 0.00	59.75 0.59 0.00

CORONA V_69_KV_TB1 355595	70.81 3.52 -18.46	62.05 3.28 -10.49	57.98 3.20 -8.47	50.82 2.97 0.00	52.41 2.92 0.00	76.25 3.08 -18.20	91.33 4.37 -15.24	96.55 4.42 -18.54	88.28 3.97 -17.09	80.07 4.12 -8.35	73.46 3.48 -6.76	71.25 3.29 -6.94	74.56 3.24 -11.36	74.12 3.14 -13.81	76.92 3.09 -16.67	80.47 3.22 -15.34	90.53 3.69 -19.65	101.93 4.42 -15.73	105.00 4.85 -15.00	101.84 4.41 -20.03	95.35 4.00 -22.31	86.72 3.49 -21.96	70.60 3.40 -9.48	67.44 3.19 -5.08
CORTLAND_115KV_TB3 80093	48.88 0.05 0.00	48.28 0.00 0.00	46.27 -0.05 0.00	47.80 -0.05 0.00	49.49 0.00 0.00	55.08 0.11 0.00	72.07 0.36 0.00	73.96 0.37 0.00	67.56 0.34 0.00	67.79 0.20 0.00	63.54 0.32 0.00	61.32 0.31 0.00	60.08 0.12 0.00	57.22 0.06 0.00	57.22 0.06 0.00	62.10 0.19 0.00	67.38 0.20 0.00	82.52 0.74 0.00	86.09 0.94 0.00	77.94 0.54 0.00	69.38 0.35 0.00	61.51 0.25 0.00	57.82 0.12 0.00	59.28 0.12 0.00
COXSACKIE___GT 23611	52.44 3.61 0.00	51.91 3.62 0.00	49.66 3.34 0.00	51.15 3.30 0.00	53.06 3.57 0.00	58.93 3.96 0.00	76.73 5.02 0.00	78.08 4.49 0.00	71.39 4.17 0.00	70.97 3.38 0.00	66.19 2.97 0.00	63.58 2.56 0.00	62.48 2.52 0.00	59.62 2.46 0.00	59.91 2.74 0.00	64.88 2.97 0.00	70.94 3.76 0.00	86.12 4.33 0.00	89.91 4.77 0.00	82.20 4.80 0.00	73.32 4.28 0.00	65.07 3.80 0.00	61.40 3.70 0.00	63.06 3.90 0.00
CPV_VALLEY___CC1 323721	50.39 1.56 0.00	49.73 1.45 0.00	47.71 1.39 0.00	49.09 1.24 0.00	50.68 1.19 0.00	56.07 1.10 0.00	73.37 1.65 0.00	75.13 1.55 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.30 1.07 0.00	61.99 0.97 0.00	60.92 0.96 0.00	58.14 0.97 0.00	58.08 0.91 0.00	62.84 0.93 0.00	68.32 1.14 0.00	83.09 1.30 0.00	86.76 1.61 0.00	78.79 1.39 0.00	70.34 1.31 0.00	62.37 1.10 0.00	58.86 1.15 0.00	60.17 1.00 0.00
CPV_VALLEY___CC2 323722	50.39 1.56 0.00	49.73 1.45 0.00	47.71 1.39 0.00	49.09 1.24 0.00	50.68 1.19 0.00	56.07 1.10 0.00	73.37 1.65 0.00	75.13 1.55 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.30 1.07 0.00	61.99 0.97 0.00	60.92 0.96 0.00	58.14 0.97 0.00	58.08 0.91 0.00	62.84 0.93 0.00	68.32 1.14 0.00	83.09 1.30 0.00	86.76 1.61 0.00	78.79 1.39 0.00	70.34 1.31 0.00	62.37 1.10 0.00	58.86 1.15 0.00	60.17 1.00 0.00
CRESCENT___HYD 24018	51.51 2.68 0.00	50.94 2.65 0.00	48.82 2.50 0.00	50.34 2.49 0.00	52.01 2.52 0.00	57.66 2.69 0.00	75.30 3.58 0.00	77.19 3.60 0.00	70.38 3.16 0.00	70.70 3.11 0.00	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.56 2.40 0.00	59.62 2.46 0.00	64.57 2.66 0.00	70.13 2.95 0.00	85.14 3.35 0.00	88.89 3.74 0.00	80.80 3.40 0.00	72.07 3.03 0.00	64.03 2.76 0.00	60.31 2.60 0.00	61.70 2.54 0.00
CRICKET___VALLEY_CC1 323756	51.12 2.30 0.00	50.51 2.22 0.00	48.41 2.09 0.00	49.86 2.01 0.00	51.42 1.93 0.00	56.89 1.92 0.00	74.37 2.66 0.00	76.23 2.65 0.00	69.64 2.42 0.00	69.96 2.36 0.00	65.24 2.02 0.00	62.91 1.89 0.00	61.76 1.80 0.00	58.94 1.77 0.00	58.94 1.77 0.00	63.77 1.86 0.00	69.26 2.08 0.00	84.16 2.37 0.00	87.87 2.72 0.00	79.88 2.48 0.00	71.31 2.27 0.00	63.23 1.96 0.00	59.67 1.96 0.00	61.00 1.84 0.00
CRICKET___VALLEY_CC2 323757	51.12 2.30 0.00	50.51 2.22 0.00	48.41 2.09 0.00	49.86 2.01 0.00	51.42 1.93 0.00	56.89 1.92 0.00	74.37 2.66 0.00	76.23 2.65 0.00	69.64 2.42 0.00	69.96 2.36 0.00	65.24 2.02 0.00	62.91 1.89 0.00	61.76 1.80 0.00	58.94 1.77 0.00	58.94 1.77 0.00	63.77 1.86 0.00	69.26 2.08 0.00	84.16 2.37 0.00	87.87 2.72 0.00	79.88 2.48 0.00	71.31 2.27 0.00	63.23 1.96 0.00	59.67 1.96 0.00	61.00 1.84 0.00
CRICKET___VALLEY_CC3 323758	51.12 2.30 0.00	50.51 2.22 0.00	48.41 2.09 0.00	49.86 2.01 0.00	51.42 1.93 0.00	56.89 1.92 0.00	74.37 2.66 0.00	76.23 2.65 0.00	69.64 2.42 0.00	69.96 2.36 0.00	65.24 2.02 0.00	62.91 1.89 0.00	61.76 1.80 0.00	58.94 1.77 0.00	58.94 1.77 0.00	63.77 1.86 0.00	69.26 2.08 0.00	84.16 2.37 0.00	87.87 2.72 0.00	79.88 2.48 0.00	71.31 2.27 0.00	63.23 1.96 0.00	59.67 1.96 0.00	61.00 1.84 0.00
CRUCIBLE_METL_DRP 24180	48.24 -0.59 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.18 -0.67 0.00	48.80 -0.69 0.00	54.31 -0.66 0.00	70.85 -0.86 0.00	72.85 -0.74 0.00	66.62 -0.61 0.00	66.85 -0.74 0.00	62.72 -0.51 0.00	60.53 -0.49 0.00	59.36 -0.60 0.00	56.54 -0.63 0.00	56.48 -0.69 0.00	61.29 -0.62 0.00	66.44 -0.74 0.00	81.21 -0.57 0.00	84.81 -0.34 0.00	76.78 -0.62 0.00	68.48 -0.55 0.00	60.72 -0.55 0.00	57.01 -0.69 0.00	58.45 -0.71 0.00
DAHOWA___HYDRO 323763	54.10 5.28 0.00	53.64 5.36 0.00	51.28 4.96 0.00	52.92 5.07 0.00	54.69 5.20 0.00	61.02 6.05 0.00	80.24 8.53 0.00	82.27 8.68 0.00	74.75 7.53 0.00	75.09 7.50 0.00	69.86 6.64 0.00	67.48 6.46 0.00	65.96 6.00 0.00	62.82 5.66 0.00	63.11 5.94 0.00	66.61 4.70 0.00	72.35 5.17 0.00	87.84 6.05 0.00	91.71 6.56 0.00	83.36 5.96 0.00	74.21 5.18 0.00	66.05 4.78 0.00	62.04 4.33 0.00	63.42 4.26 0.00
DANC___LFGE 323619	49.61 0.78 0.00	48.87 0.58 0.00	46.73 0.42 0.00	48.38 0.53 0.00	50.09 0.60 0.00	56.01 1.04 0.00	73.29 1.58 0.00	78.00 4.41 0.00	71.26 4.03 0.00	71.37 3.78 0.00	67.33 4.11 0.00	64.92 3.91 0.00	63.74 3.78 0.00	60.99 3.83 0.00	60.99 3.83 0.00	66.49 4.58 0.00	71.95 4.77 0.00	87.03 5.24 0.00	90.94 5.79 0.00	82.04 4.64 0.00	72.97 3.93 0.00	64.76 3.49 0.00	60.71 3.00 0.00	62.12 2.96 0.00
DANSKAMMER___1 23586	51.51 2.68 0.00	50.84 2.56 0.00	48.73 2.41 0.00	50.15 2.30 0.00	51.77 2.28 0.00	57.33 2.36 0.00	75.09 3.37 0.00	76.75 3.16 0.00	70.18 2.95 0.00	70.36 2.77 0.00	65.62 2.40 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.80 3.40 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.47 2.30 0.00
DANSKAMMER___2 23589	51.51 2.68 0.00	50.84 2.56 0.00	48.73 2.41 0.00	50.15 2.30 0.00	51.77 2.28 0.00	57.33 2.36 0.00	75.09 3.37 0.00	76.75 3.16 0.00	70.18 2.95 0.00	70.36 2.77 0.00	65.62 2.40 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.80 3.40 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.47 2.30 0.00
DANSKAMMER___3 23590	51.51 2.68 0.00	50.84 2.56 0.00	48.73 2.41 0.00	50.15 2.30 0.00	51.77 2.28 0.00	57.33 2.36 0.00	75.09 3.37 0.00	76.75 3.16 0.00	70.18 2.95 0.00	70.36 2.77 0.00	65.62 2.40 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.80 3.40 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.47 2.30 0.00

DANSKAMMER___4 23591	51.51 2.68 0.00	50.84 2.56 0.00	48.73 2.41 0.00	50.15 2.30 0.00	51.77 2.28 0.00	57.33 2.36 0.00	75.09 3.37 0.00	76.75 3.16 0.00	70.18 2.95 0.00	70.36 2.77 0.00	65.62 2.40 0.00	63.21 2.19 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.80 3.40 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.47 2.30 0.00
DANSKAMMER___DIESEL 23592	51.51 2.69 0.00	50.84 2.56 0.00	48.73 2.41 0.00	50.15 2.30 0.00	51.77 2.28 0.00	57.33 2.36 0.00	75.09 3.37 0.00	76.75 3.16 0.00	70.18 2.96 0.00	70.43 2.84 0.00	65.62 2.40 0.00	63.21 2.20 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.20 2.29 0.00	69.87 2.69 0.00	84.98 3.19 0.00	88.72 3.58 0.00	80.81 3.41 0.00	72.00 2.97 0.00	63.90 2.63 0.00	60.19 2.48 0.00	61.47 2.31 0.00
DARBY___SOLAR 323810	52.54 3.71 0.00	52.00 3.72 0.00	49.79 3.48 0.00	51.34 3.49 0.00	53.06 3.57 0.00	59.04 4.07 0.00	77.31 5.60 0.00	79.25 5.67 0.00	72.13 4.90 0.00	72.46 4.87 0.00	67.52 4.30 0.00	65.10 4.09 0.00	63.80 3.84 0.00	60.83 3.66 0.00	60.99 3.83 0.00	66.18 4.27 0.00	71.88 4.70 0.00	87.27 5.48 0.00	91.11 5.96 0.00	82.74 5.34 0.00	73.73 4.70 0.00	65.62 4.35 0.00	61.63 3.93 0.00	63.06 3.90 0.00
DASHVILLE___HYD 23610	51.22 2.39 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.58 2.87 0.00	76.16 2.58 0.00	69.64 2.42 0.00	69.82 2.23 0.00	65.05 1.83 0.00	62.60 1.59 0.00	61.52 1.56 0.00	58.76 1.60 0.00	58.76 1.60 0.00	63.64 1.73 0.00	69.26 2.08 0.00	84.32 2.54 0.00	88.04 2.90 0.00	80.19 2.79 0.00	71.45 2.42 0.00	63.48 2.21 0.00	59.84 2.14 0.00	61.11 1.95 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	71.25 3.96 -18.46	62.49 3.72 -10.49	58.40 3.61 -8.47	51.20 3.35 0.00	52.91 3.41 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.22 4.91 -17.09	80.68 4.73 -8.35	74.21 4.24 -6.76	71.98 4.03 -6.94	75.40 4.08 -11.36	74.98 4.00 -13.81	77.84 4.00 -16.67	81.64 4.40 -15.34	91.74 4.90 -19.65	103.65 6.13 -15.73	106.79 6.64 -15.00	103.46 6.04 -20.03	96.80 5.45 -22.31	88.07 4.84 -21.96	71.87 4.67 -9.48	68.91 4.67 -5.08
DELAWARE___LFGE 323621	50.15 1.32 0.00	49.59 1.30 0.00	47.57 1.25 0.00	49.09 1.24 0.00	50.73 1.24 0.00	56.24 1.26 0.00	73.58 1.86 0.00	75.43 1.84 0.00	69.11 1.88 0.00	69.28 1.69 0.00	64.80 1.58 0.00	62.48 1.46 0.00	61.28 1.32 0.00	58.42 1.26 0.00	58.48 1.31 0.00	63.21 1.30 0.00	68.66 1.48 0.00	83.83 2.04 0.00	87.53 2.38 0.00	79.41 2.01 0.00	70.69 1.66 0.00	62.68 1.41 0.00	59.03 1.33 0.00	60.46 1.30 0.00
DERFIELD_115KV_TB7 355931	49.12 0.29 0.00	48.57 0.29 0.00	46.60 0.28 0.00	48.14 0.29 0.00	49.74 0.25 0.00	55.25 0.27 0.00	72.07 0.36 0.00	73.96 0.37 0.00	67.56 0.34 0.00	67.93 0.34 0.00	63.54 0.32 0.00	61.26 0.24 0.00	60.20 0.24 0.00	57.39 0.23 0.00	57.39 0.23 0.00	62.16 0.25 0.00	67.45 0.27 0.00	82.11 0.33 0.00	85.66 0.51 0.00	77.79 0.39 0.00	69.31 0.28 0.00	61.51 0.25 0.00	57.94 0.23 0.00	59.40 0.24 0.00
DOGLEVILLE___HYD 23807	50.19 1.37 0.00	49.69 1.40 0.00	47.71 1.39 0.00	49.38 1.53 0.00	51.18 1.68 0.00	56.95 1.98 0.00	74.15 2.44 0.00	76.16 2.57 0.00	69.58 2.35 0.00	70.02 2.43 0.00	65.62 2.40 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.14 2.23 0.00	69.67 2.49 0.00	84.65 2.86 0.00	88.21 3.06 0.00	79.88 2.48 0.00	71.10 2.07 0.00	63.17 1.90 0.00	59.55 1.85 0.00	61.05 1.89 0.00
DUNKIRK___115KV_TB_200 55889	46.05 -2.78 0.00	45.48 -2.80 0.00	43.77 -2.55 0.00	45.36 -2.49 0.00	46.97 -2.52 0.00	52.83 -2.14 0.00	68.70 -3.01 0.00	70.28 -3.31 0.00	64.06 -3.16 0.00	64.28 -3.31 0.00	61.14 -2.09 0.00	59.43 -1.59 0.00	58.28 -1.68 0.00	54.82 -2.34 0.00	54.82 -2.34 0.00	59.62 -2.29 0.00	63.82 -3.36 0.00	79.58 -2.21 0.00	83.28 -1.87 0.00	74.77 -2.63 0.00	66.41 -2.62 0.00	58.94 -2.33 0.00	55.80 -1.90 0.00	57.56 -1.60 0.00
DUNKIRK___1 23563	46.05 -2.78 0.00	45.48 -2.80 0.00	43.77 -2.55 0.00	45.36 -2.49 0.00	46.97 -2.52 0.00	52.83 -2.14 0.00	68.70 -3.01 0.00	70.28 -3.31 0.00	64.06 -3.16 0.00	64.28 -3.31 0.00	61.14 -2.09 0.00	59.43 -1.59 0.00	58.28 -1.68 0.00	54.82 -2.34 0.00	54.82 -2.34 0.00	59.62 -2.29 0.00	63.82 -3.36 0.00	79.58 -2.21 0.00	83.28 -1.87 0.00	74.77 -2.63 0.00	66.41 -2.62 0.00	58.94 -2.33 0.00	55.80 -1.90 0.00	57.56 -1.60 0.00
DUNKIRK___2 23564	46.05 -2.78 0.00	45.48 -2.80 0.00	43.77 -2.55 0.00	45.36 -2.49 0.00	46.97 -2.52 0.00	52.83 -2.14 0.00	68.70 -3.01 0.00	70.28 -3.31 0.00	64.06 -3.16 0.00	64.28 -3.31 0.00	61.14 -2.09 0.00	59.43 -1.59 0.00	58.28 -1.68 0.00	54.82 -2.34 0.00	54.82 -2.34 0.00	59.62 -2.29 0.00	63.82 -3.36 0.00	79.58 -2.21 0.00	83.28 -1.87 0.00	74.77 -2.63 0.00	66.41 -2.62 0.00	58.94 -2.33 0.00	55.80 -1.90 0.00	57.56 -1.60 0.00
DUNKIRK___3 23565	45.95 -2.88 0.00	45.39 -2.90 0.00	43.68 -2.64 0.00	45.22 -2.63 0.00	46.82 -2.67 0.00	52.61 -2.36 0.00	68.34 -3.37 0.00	69.91 -3.68 0.00	63.66 -3.56 0.00	63.87 -3.72 0.00	60.82 -2.40 0.00	59.06 -1.95 0.00	57.92 -2.04 0.00	54.53 -2.63 0.00	54.53 -2.63 0.00	59.31 -2.60 0.00	63.35 -3.83 0.00	79.01 -2.78 0.00	82.68 -2.47 0.00	74.30 -3.10 0.00	65.93 -3.11 0.00	58.51 -2.76 0.00	55.46 -2.25 0.00	57.21 -1.95 0.00
DUNKIRK___4 23566	45.95 -2.88 0.00	45.39 -2.90 0.00	43.68 -2.64 0.00	45.22 -2.63 0.00	46.82 -2.67 0.00	52.61 -2.36 0.00	68.34 -3.37 0.00	69.91 -3.68 0.00	63.66 -3.56 0.00	63.87 -3.72 0.00	60.82 -2.40 0.00	59.06 -1.95 0.00	57.92 -2.04 0.00	54.53 -2.63 0.00	54.53 -2.63 0.00	59.31 -2.60 0.00	63.35 -3.83 0.00	79.01 -2.78 0.00	82.68 -2.47 0.00	74.30 -3.10 0.00	65.93 -3.11 0.00	58.51 -2.76 0.00	55.46 -2.25 0.00	57.21 -1.95 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.47 2.64 0.00	50.75 2.46 0.00	48.68 2.36 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.06 2.09 0.00	74.87 3.16 0.00	76.75 3.16 0.00	70.11 2.89 0.00	70.57 2.97 0.00	65.62 2.40 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.39 2.23 0.00	59.34 2.17 0.00	64.14 2.23 0.00	69.73 2.55 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.29 2.13 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.08 2.25 0.00	50.41 2.12 0.00	48.36 2.04 0.00	49.76 1.91 0.00	51.37 1.88 0.00	56.84 1.87 0.00	74.44 2.73 0.00	76.16 2.58 0.00	69.58 2.35 0.00	69.89 2.30 0.00	65.12 1.90 0.00	62.72 1.71 0.00	61.58 1.62 0.00	58.82 1.66 0.00	58.82 1.66 0.00	63.64 1.73 0.00	69.26 2.08 0.00	84.24 2.45 0.00	87.96 2.81 0.00	80.03 2.63 0.00	71.38 2.35 0.00	63.29 2.02 0.00	59.67 1.96 0.00	60.99 1.83 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	51.57 2.73 -0.01	50.85 2.56 -0.01	48.78 2.45 -0.01	50.15 2.30 -0.01	51.57 2.08 0.00	57.00 2.03 0.00	74.73 3.01 0.00	76.75 3.16 0.00	70.18 2.96 0.00	70.76 3.18 0.01	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.30 3.15 0.00	80.26 2.86 0.00	71.73 2.69 0.00	63.72 2.45 0.00	60.02 2.31 0.00	61.11 1.95 0.00
E179THST_13_KV_LOAD 356214	51.77 2.93 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.17 2.20 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	71.03 3.45 0.01	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.74 2.57 0.00	59.62 2.46 0.00	64.51 2.60 0.00	70.07 2.89 0.00	85.06 3.27 0.00	88.72 3.58 0.00	80.65 3.25 0.00	72.07 3.04 0.00	63.97 2.70 0.00	60.30 2.60 0.00	61.41 2.25 0.00
EAST HAMPTON___GT 23717	70.81 3.52 -18.46	62.06 3.29 -10.49	57.94 3.15 -8.47	50.77 2.92 0.00	52.46 2.97 0.00	76.36 3.19 -18.20	91.68 4.73 -15.24	96.91 4.78 -18.54	88.75 4.44 -17.09	80.14 4.19 -8.35	73.45 3.47 -6.76	71.37 3.41 -6.94	74.80 3.48 -11.36	74.47 3.49 -13.81	77.44 3.60 -16.67	81.40 4.15 -15.34	91.40 4.57 -19.65	103.32 5.81 -15.73	106.53 6.39 -15.00	103.23 5.81 -20.03	96.66 5.32 -22.31	87.88 4.65 -21.96	71.75 4.56 -9.48	68.98 4.73 -5.08
EAST RIVER___6 23660	51.32 2.49 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	51.33 1.88 0.05	56.27 1.81 0.52	73.00 2.94 1.66	74.78 3.02 1.83	68.79 2.82 1.26	69.14 2.84 1.29	64.76 2.40 0.87	62.61 2.26 0.66	61.55 2.16 0.56	58.96 2.12 0.32	58.96 2.12 0.32	63.34 2.17 0.73	68.45 2.49 1.22	82.05 2.78 2.52	85.54 3.23 2.84	78.13 2.87 2.14	70.26 2.62 1.40	63.54 2.27 0.00	60.07 2.37 0.00	61.23 2.07 0.00
EAST RIVER___7 23524	51.32 2.49 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	51.33 1.88 0.05	56.27 1.81 0.52	73.00 2.94 1.66	74.78 3.02 1.83	68.79 2.82 1.26	69.14 2.84 1.29	64.76 2.40 0.87	62.61 2.26 0.66	61.55 2.16 0.56	58.96 2.12 0.32	58.96 2.12 0.32	63.34 2.17 0.73	68.45 2.49 1.22	82.05 2.78 2.52	85.54 3.23 2.84	78.13 2.87 2.14	70.26 2.62 1.40	63.54 2.27 0.00	60.07 2.37 0.00	61.23 2.07 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.32 2.49 0.00	50.60 2.32 0.00	48.59 2.27 0.00	49.95 2.11 0.00	51.52 2.03 0.00	56.95 1.98 0.00	74.73 3.01 0.00	76.53 2.94 0.00	69.91 2.69 0.00	70.36 2.77 0.00	65.50 2.28 0.00	63.15 2.14 0.00	62.00 2.04 0.00	59.22 2.06 0.00	59.16 2.00 0.00	63.95 2.04 0.00	69.60 2.42 0.00	84.49 2.70 0.00	88.21 3.07 0.00	80.19 2.79 0.00	71.59 2.55 0.00	63.60 2.33 0.00	59.96 2.25 0.00	61.17 2.01 0.00
EAST_HAMPTON___DIESEL 23722	70.71 3.42 -18.46	61.96 3.19 -10.49	57.84 3.06 -8.47	50.67 2.82 0.00	52.31 2.82 0.00	76.20 3.02 -18.20	91.55 4.59 -15.24	96.77 4.64 -18.54	88.62 4.31 -17.09	80.00 4.06 -8.35	73.33 3.35 -6.76	71.18 3.23 -6.94	74.68 3.36 -11.36	74.35 3.37 -13.81	77.32 3.49 -16.67	81.27 4.02 -15.34	91.33 4.50 -19.65	103.15 5.64 -15.73	106.36 6.21 -15.00	103.07 5.65 -20.03	96.53 5.18 -22.31	87.76 4.53 -21.96	71.70 4.50 -9.48	68.91 4.67 -5.08
EAST_POINT___SOLAR 323840	51.96 3.13 0.00	51.47 3.19 0.00	49.29 2.97 0.00	50.87 3.02 0.00	52.61 3.12 0.00	58.65 3.68 0.00	77.02 5.31 0.00	78.66 5.07 0.00	70.72 3.49 0.00	70.43 2.84 0.00	64.99 1.77 0.00	61.99 0.97 0.00	61.10 1.14 0.00	58.82 1.66 0.00	58.71 1.54 0.00	64.26 2.35 0.00	71.21 4.03 0.00	87.27 5.48 0.00	91.36 6.21 0.00	82.98 5.58 0.00	73.79 4.76 0.00	65.68 4.41 0.00	61.52 3.81 0.00	62.77 3.61 0.00
EAST_PULASKI___ESR 323781	49.07 0.25 0.00	48.43 0.15 0.00	46.37 0.05 0.00	47.95 0.10 0.00	49.59 0.10 0.00	55.30 0.33 0.00	72.22 0.51 0.00	76.82 3.23 0.00	70.25 3.03 0.00	70.43 2.84 0.00	66.44 3.22 0.00	64.06 3.05 0.00	62.78 2.82 0.00	60.02 2.86 0.00	60.02 2.86 0.00	65.38 3.46 0.00	70.67 3.49 0.00	85.79 4.01 0.00	89.66 4.51 0.00	80.96 3.56 0.00	72.00 2.97 0.00	64.03 2.76 0.00	59.96 2.25 0.00	61.35 2.19 0.00
EAST_RIVER___1 323558	51.42 2.59 0.00	50.65 2.37 0.00	48.59 2.27 0.00	50.00 2.16 0.00	51.39 1.98 0.08	55.95 1.92 0.94	71.78 3.08 3.02	73.42 3.16 3.33	67.89 2.95 2.29	68.21 2.97 2.35	64.11 2.46 1.58	62.12 2.32 1.21	61.21 2.28 1.03	58.81 2.23 0.58	58.76 2.17 0.58	62.87 2.29 1.33	67.51 2.55 2.22	80.14 2.94 4.58	83.38 3.41 5.17	76.52 3.02 3.89	69.25 2.76 2.54	63.66 2.39 0.00	60.13 2.42 0.00	61.29 2.13 0.00
EAST_RIVER___2 323559	51.32 2.49 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	51.33 1.88 0.05	56.27 1.81 0.52	73.00 2.94 1.66	74.78 3.02 1.83	68.79 2.82 1.26	69.14 2.84 1.29	64.76 2.40 0.87	62.61 2.26 0.66	61.55 2.16 0.56	58.96 2.12 0.32	58.96 2.12 0.32	63.34 2.17 0.73	68.45 2.49 1.22	82.05 2.78 2.52	85.54 3.23 2.84	78.13 2.87 2.14	70.26 2.62 1.40	63.54 2.27 0.00	60.07 2.37 0.00	61.23 2.07 0.00
EAST___DELAWARE_HYD 23607	51.03 2.20 0.00	50.31 2.03 0.00	48.22 1.90 0.00	49.62 1.77 0.00	51.32 1.83 0.00	56.84 1.87 0.00	74.44 2.72 0.00	76.09 2.50 0.00	69.58 2.35 0.00	69.75 2.16 0.00	65.06 1.83 0.00	62.54 1.53 0.00	61.46 1.50 0.00	58.65 1.48 0.00	58.59 1.43 0.00	63.52 1.61 0.00	69.19 2.01 0.00	84.40 2.62 0.00	88.21 3.06 0.00	80.27 2.87 0.00	71.52 2.48 0.00	63.35 2.08 0.00	59.73 2.02 0.00	61.00 1.84 0.00
EIGHT_POINT___WT_PWR 323820	46.54 -2.29 0.00	46.21 -2.07 0.00	44.61 -1.71 0.00	46.22 -1.63 0.00	47.96 -1.53 0.00	53.81 -1.16 0.00	70.21 -1.51 0.00	72.26 -1.32 0.00	65.94 -1.28 0.00	66.24 -1.35 0.00	62.47 -0.76 0.00	60.40 -0.61 0.00	59.00 -0.96 0.00	55.85 -1.31 0.00	55.74 -1.43 0.00	60.67 -1.24 0.00	65.43 -1.75 0.00	81.38 -0.41 0.00	85.32 0.17 0.00	76.63 -0.77 0.00	68.00 -1.03 0.00	60.47 -0.80 0.00	56.78 -0.93 0.00	58.39 -0.77 0.00
ELBRIDGE_115KV_TB2 80188	47.75 -1.07 0.00	47.17 -1.11 0.00	45.25 -1.07 0.00	46.75 -1.10 0.00	48.35 -1.14 0.00	53.76 -1.21 0.00	70.14 -1.58 0.00	72.12 -1.47 0.00	65.88 -1.34 0.00	66.17 -1.42 0.00	62.08 -1.14 0.00	59.85 -1.16 0.00	58.70 -1.26 0.00	55.91 -1.26 0.00	55.91 -1.26 0.00	60.61 -1.30 0.00	65.70 -1.48 0.00	80.32 -1.47 0.00	83.87 -1.28 0.00	75.93 -1.47 0.00	67.72 -1.31 0.00	60.04 -1.23 0.00	56.44 -1.27 0.00	57.86 -1.30 0.00
ELEC_TRO_TEK 24086	70.56 3.27 -18.46	61.81 3.04 -10.49	57.75 2.96 -8.47	50.62 2.78 0.00	52.21 2.72 0.00	75.98 2.80 -18.20	91.04 4.09 -15.24	96.25 4.12 -18.54	88.08 3.76 -17.09	79.80 3.85 -8.35	73.20 3.22 -6.76	71.00 3.05 -6.94	74.32 3.00 -11.36	73.95 2.97 -13.81	76.75 2.92 -16.67	80.28 3.03 -15.34	90.26 3.43 -19.65	101.52 4.01 -15.73	104.57 4.43 -15.00	101.45 4.02 -20.03	95.01 3.66 -22.31	86.47 3.25 -21.96	70.31 3.12 -9.48	67.14 2.90 -5.08

ELLENBURG_WT_PWR 323604	47.66 -1.17 0.00	47.27 -1.02 0.00	45.53 -0.79 0.00	47.46 -0.38 0.00	49.39 -0.10 0.00	55.36 0.39 0.00	72.15 0.43 0.00	74.40 0.81 0.00	68.10 0.87 0.00	68.67 1.08 0.00	64.36 1.14 0.00	62.30 1.28 0.00	61.58 1.62 0.00	58.82 1.66 0.00	58.82 1.66 0.00	63.83 1.92 0.00	69.26 2.08 0.00	83.34 1.55 0.00	85.83 0.68 0.00	78.79 1.39 0.00	70.49 1.45 0.00	62.49 1.22 0.00	58.80 1.09 0.00	60.70 1.54 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.26 -3.56 0.00	44.71 -3.57 0.00	42.94 -3.38 0.00	44.50 -3.35 0.00	46.03 -3.46 0.00	51.73 -3.24 0.00	66.91 -4.80 0.00	68.44 -5.15 0.00	62.32 -4.91 0.00	62.52 -5.07 0.00	59.62 -3.60 0.00	57.96 -3.05 0.00	56.84 -3.12 0.00	53.51 -3.66 0.00	53.56 -3.60 0.00	58.20 -3.71 0.00	62.01 -5.17 0.00	77.29 -4.50 0.00	80.89 -4.26 0.00	72.68 -4.72 0.00	64.55 -4.49 0.00	57.29 -3.98 0.00	54.36 -3.35 0.00	56.02 -3.14 0.00
EMPIRE_CC_1 323656	50.98 2.15 0.00	50.36 2.07 0.00	48.31 1.99 0.00	49.77 1.92 0.00	51.42 1.93 0.00	56.95 1.98 0.00	73.80 2.08 0.00	75.64 2.06 0.00	69.04 1.82 0.00	69.35 1.75 0.00	64.74 1.51 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.48 1.32 0.00	58.53 1.37 0.00	63.27 1.36 0.00	68.73 1.55 0.00	83.26 1.47 0.00	86.85 1.70 0.00	78.95 1.55 0.00	70.55 1.52 0.00	62.74 1.47 0.00	59.09 1.38 0.00	60.52 1.36 0.00
EMPIRE_CC_2 323658	50.98 2.15 0.00	50.36 2.07 0.00	48.31 1.99 0.00	49.77 1.92 0.00	51.42 1.93 0.00	56.95 1.98 0.00	73.80 2.08 0.00	75.64 2.06 0.00	69.04 1.82 0.00	69.35 1.75 0.00	64.74 1.51 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.48 1.32 0.00	58.53 1.37 0.00	63.27 1.36 0.00	68.73 1.55 0.00	83.26 1.47 0.00	86.85 1.70 0.00	78.95 1.55 0.00	70.55 1.52 0.00	62.74 1.47 0.00	59.09 1.38 0.00	60.52 1.36 0.00
ENORWICH_115KV_TB1 80156	51.71 2.88 0.00	50.99 2.70 0.00	48.77 2.45 0.00	50.62 2.78 0.00	52.46 2.97 0.00	58.54 3.57 0.00	77.02 5.31 0.00	79.25 5.67 0.00	72.54 5.31 0.00	72.39 4.80 0.00	67.84 4.62 0.00	65.28 4.27 0.00	63.86 3.90 0.00	60.82 3.66 0.00	61.05 3.89 0.00	66.43 4.52 0.00	72.22 5.04 0.00	89.31 7.52 0.00	93.75 8.60 0.00	84.21 6.81 0.00	74.76 5.73 0.00	65.93 4.66 0.00	61.92 4.21 0.00	63.48 4.32 0.00
ERIE_ST_34_KV_TB1-2 80199	46.73 -2.10 0.00	46.11 -2.17 0.00	44.33 -1.99 0.00	45.89 -1.96 0.00	47.51 -1.98 0.00	53.43 -1.54 0.00	69.28 -2.44 0.00	70.86 -2.72 0.00	64.74 -2.49 0.00	65.02 -2.57 0.00	61.96 -1.26 0.00	60.22 -0.79 0.00	59.12 -0.84 0.00	55.68 -1.49 0.00	55.68 -1.49 0.00	60.55 -1.36 0.00	64.16 -3.02 0.00	79.99 -1.80 0.00	83.70 -1.45 0.00	75.15 -2.24 0.00	66.69 -2.35 0.00	59.19 -2.08 0.00	56.09 -1.62 0.00	57.74 -1.42 0.00
ERIE_WT_PWR 323693	45.70 -3.13 0.00	45.15 -3.14 0.00	43.49 -2.83 0.00	44.93 -2.92 0.00	46.47 -3.02 0.00	52.22 -2.75 0.00	67.63 -4.08 0.00	69.17 -4.41 0.00	62.99 -4.23 0.00	63.60 -3.99 0.00	60.25 -2.97 0.00	58.57 -2.44 0.00	57.50 -2.46 0.00	54.25 -2.91 0.00	54.13 -3.03 0.00	58.88 -3.03 0.00	62.74 -4.44 0.00	78.19 -3.60 0.00	81.91 -3.24 0.00	73.53 -3.87 0.00	65.24 -3.80 0.00	58.27 -3.00 0.00	54.94 -2.77 0.00	56.62 -2.54 0.00
ESPRGFLD_115KV_TB1 80157	50.39 1.56 0.00	49.83 1.55 0.00	47.71 1.39 0.00	49.28 1.44 0.00	50.98 1.48 0.00	56.73 1.76 0.00	74.37 2.65 0.00	76.24 2.65 0.00	70.18 2.96 0.00	70.36 2.77 0.00	65.81 2.59 0.00	63.45 2.44 0.00	62.18 2.22 0.00	59.28 2.12 0.00	59.34 2.17 0.00	63.58 1.67 0.00	69.40 2.22 0.00	84.98 3.19 0.00	88.90 3.75 0.00	80.42 3.02 0.00	71.52 2.49 0.00	63.48 2.21 0.00	59.61 1.90 0.00	60.94 1.77 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.17 0.34 0.00	48.53 0.24 0.00	46.50 0.19 0.00	48.09 0.24 0.00	49.74 0.25 0.00	55.41 0.44 0.00	72.43 0.72 0.00	74.47 0.88 0.00	68.10 0.87 0.00	68.20 0.61 0.00	63.92 0.70 0.00	61.62 0.61 0.00	60.38 0.42 0.00	57.51 0.34 0.00	57.56 0.40 0.00	62.47 0.56 0.00	67.78 0.60 0.00	83.18 1.39 0.00	86.94 1.79 0.00	78.64 1.24 0.00	70.00 0.97 0.00	62.00 0.74 0.00	58.23 0.52 0.00	59.63 0.47 0.00
ETNA____115KV_TB2 80207	49.17 0.34 0.00	48.53 0.24 0.00	46.50 0.19 0.00	48.09 0.24 0.00	49.74 0.25 0.00	55.41 0.44 0.00	72.43 0.72 0.00	74.47 0.88 0.00	68.10 0.87 0.00	68.20 0.61 0.00	63.92 0.70 0.00	61.62 0.61 0.00	60.38 0.42 0.00	57.51 0.34 0.00	57.56 0.40 0.00	62.47 0.56 0.00	67.78 0.60 0.00	83.18 1.39 0.00	86.94 1.79 0.00	78.64 1.24 0.00	70.00 0.97 0.00	62.00 0.74 0.00	58.23 0.52 0.00	59.63 0.47 0.00
EUCLID____115KV_TB2 356179	47.56 -1.27 0.00	46.98 -1.30 0.00	45.02 -1.30 0.00	46.51 -1.34 0.00	48.11 -1.39 0.00	53.54 -1.43 0.00	69.78 -1.94 0.00	71.60 -1.99 0.00	65.41 -1.82 0.00	65.70 -1.89 0.00	61.64 -1.58 0.00	59.49 -1.53 0.00	58.34 -1.62 0.00	55.56 -1.60 0.00	55.56 -1.60 0.00	60.24 -1.67 0.00	65.23 -1.95 0.00	79.74 -2.04 0.00	83.28 -1.87 0.00	75.39 -2.01 0.00	67.24 -1.79 0.00	59.68 -1.59 0.00	56.09 -1.62 0.00	57.50 -1.66 0.00
E_CANADA_CAP_HY 24051	50.98 2.15 0.00	50.46 2.17 0.00	48.31 1.99 0.00	49.91 2.06 0.00	51.62 2.13 0.00	57.50 2.53 0.00	75.23 3.51 0.00	77.05 3.46 0.00	69.71 2.49 0.00	69.69 2.10 0.00	64.68 1.46 0.00	62.11 1.10 0.00	61.04 1.08 0.00	58.53 1.37 0.00	58.59 1.43 0.00	63.95 2.04 0.00	70.07 2.89 0.00	85.47 3.68 0.00	89.40 4.26 0.00	81.11 3.72 0.00	72.14 3.11 0.00	64.27 3.00 0.00	60.24 2.54 0.00	61.53 2.37 0.00
E_CANADA_MHWK_HY 24050	50.19 1.37 0.00	49.69 1.40 0.00	47.71 1.39 0.00	49.38 1.53 0.00	51.18 1.68 0.00	56.95 1.98 0.00	74.15 2.44 0.00	76.16 2.57 0.00	69.58 2.35 0.00	70.02 2.43 0.00	65.62 2.40 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.14 2.23 0.00	69.67 2.49 0.00	84.65 2.86 0.00	88.21 3.06 0.00	79.88 2.48 0.00	71.10 2.07 0.00	63.17 1.90 0.00	59.55 1.85 0.00	61.05 1.89 0.00
E_FISHKILL____LBMP 23776	51.08 2.25 0.00	50.41 2.12 0.00	48.40 2.08 0.00	49.76 1.91 0.00	51.37 1.88 0.00	56.79 1.81 0.00	74.37 2.65 0.00	76.24 2.65 0.00	69.58 2.35 0.00	70.03 2.43 0.00	65.18 1.96 0.00	62.84 1.83 0.00	61.76 1.80 0.00	58.94 1.77 0.00	58.94 1.77 0.00	63.71 1.80 0.00	69.26 2.08 0.00	84.16 2.37 0.00	87.87 2.72 0.00	79.88 2.48 0.00	71.31 2.28 0.00	63.29 2.02 0.00	59.67 1.96 0.00	60.94 1.77 0.00
FALCON____SEABRD_CC1 323796	47.46 -1.37 0.00	47.18 -1.11 0.00	45.58 -0.74 0.00	47.80 -0.05 0.00	49.94 0.44 0.00	56.29 1.32 0.00	72.86 1.14 0.00	75.28 1.69 0.00	68.97 1.74 0.00	69.69 2.10 0.00	65.37 2.15 0.00	63.33 2.32 0.00	62.78 2.82 0.00	59.91 2.74 0.00	59.91 2.74 0.00	65.07 3.16 0.00	70.60 3.42 0.00	84.16 2.37 0.00	86.34 1.19 0.00	79.49 2.09 0.00	71.66 2.62 0.00	63.54 2.27 0.00	59.67 1.96 0.00	62.12 2.96 0.00

FALCON___SEABRD_CC2 323797	47.46 -1.37 0.00	47.18 -1.11 0.00	45.58 -0.74 0.00	47.80 -0.05 0.00	49.94 0.44 0.00	56.29 1.32 0.00	72.86 1.14 0.00	75.28 1.69 0.00	68.97 1.74 0.00	69.69 2.10 0.00	65.37 2.15 0.00	63.33 2.32 0.00	62.78 2.82 0.00	59.91 2.74 0.00	59.91 2.74 0.00	65.07 3.16 0.00	70.60 3.42 0.00	84.16 2.37 0.00	86.34 1.19 0.00	79.49 2.09 0.00	71.66 2.62 0.00	63.54 2.27 0.00	59.67 1.96 0.00	62.12 2.96 0.00
FAR ROCKAWAY___4 23548	71.15 3.86 -18.46	62.39 3.62 -10.49	58.26 3.47 -8.47	51.15 3.30 0.00	52.76 3.27 0.00	76.64 3.46 -18.20	91.90 4.95 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.54 4.60 -8.35	73.96 3.98 -6.76	71.80 3.84 -6.94	75.04 3.72 -11.36	74.58 3.60 -13.81	77.44 3.60 -16.67	81.02 3.78 -15.34	91.07 4.23 -19.65	102.67 5.15 -15.73	105.85 5.70 -15.00	102.53 5.11 -20.03	95.90 4.56 -22.31	87.27 4.04 -21.96	71.06 3.87 -9.48	67.85 3.61 -5.08
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.47 2.64 0.00	50.70 2.41 0.00	48.68 2.36 0.00	50.05 2.20 0.00	51.52 2.03 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.25 3.03 0.00	70.77 3.18 0.00	65.75 2.53 0.00	63.39 2.38 0.00	62.30 2.34 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.26 2.35 0.00	69.87 2.69 0.00	84.81 3.03 0.00	88.55 3.41 0.00	80.50 3.10 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.47 2.64 0.00	50.70 2.41 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.25 3.03 0.00	70.77 3.18 0.00	65.75 2.53 0.00	63.39 2.38 0.00	62.30 2.34 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.26 2.35 0.00	69.87 2.69 0.00	84.81 3.03 0.00	88.55 3.41 0.00	80.50 3.10 0.00	71.86 2.83 0.00	63.84 2.57 0.00	60.13 2.42 0.00	61.29 2.13 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.47 2.64 0.00	50.70 2.41 0.00	48.68 2.36 0.00	50.00 2.15 0.00	51.52 2.03 0.00	56.95 1.98 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	70.70 3.11 0.00	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
FARRAGUT___LBMP 323566	51.42 2.59 0.00	50.65 2.37 0.00	48.63 2.32 0.00	50.00 2.15 0.00	51.47 1.98 0.00	56.89 1.92 0.00	74.80 3.08 0.00	76.75 3.16 0.00	70.11 2.89 0.00	70.63 3.04 0.00	65.62 2.40 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.39 2.23 0.00	59.34 2.17 0.00	64.14 2.23 0.00	69.73 2.55 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.34 2.94 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.23 2.07 0.00
FENNER___WINDPWR 24204	49.61 0.78 0.00	49.01 0.73 0.00	46.92 0.60 0.00	48.52 0.67 0.00	50.24 0.74 0.00	55.96 0.99 0.00	73.58 1.86 0.00	75.64 2.06 0.00	69.18 1.95 0.00	69.42 1.83 0.00	65.06 1.83 0.00	62.72 1.71 0.00	61.52 1.56 0.00	58.65 1.48 0.00	58.65 1.48 0.00	63.64 1.73 0.00	68.99 1.81 0.00	84.24 2.45 0.00	87.45 2.30 0.00	79.10 1.70 0.00	70.41 1.38 0.00	62.43 1.16 0.00	58.69 0.98 0.00	60.17 1.00 0.00
FIBERTEK___ENERGY 23856	48.24 -0.59 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.18 -0.67 0.00	48.80 -0.69 0.00	54.31 -0.66 0.00	70.85 -0.86 0.00	72.85 -0.74 0.00	66.62 -0.61 0.00	66.85 -0.74 0.00	62.72 -0.51 0.00	60.53 -0.49 0.00	59.36 -0.60 0.00	56.54 -0.63 0.00	56.48 -0.69 0.00	61.29 -0.62 0.00	66.44 -0.74 0.00	81.21 -0.57 0.00	84.81 -0.34 0.00	76.78 -0.62 0.00	68.48 -0.55 0.00	60.72 -0.55 0.00	57.01 -0.69 0.00	58.45 -0.71 0.00
FITZPATRICK____ 23598	46.87 -1.95 0.00	46.35 -1.93 0.00	44.42 -1.90 0.00	45.89 -1.96 0.00	47.46 -2.03 0.00	52.77 -2.20 0.00	68.77 -2.94 0.00	70.64 -2.95 0.00	64.53 -2.69 0.00	64.89 -2.71 0.00	60.75 -2.47 0.00	58.63 -2.38 0.00	57.56 -2.40 0.00	54.82 -2.35 0.00	54.82 -2.35 0.00	59.43 -2.48 0.00	64.42 -2.76 0.00	78.60 -3.19 0.00	82.00 -3.15 0.00	74.38 -3.02 0.00	66.27 -2.76 0.00	58.82 -2.45 0.00	55.40 -2.31 0.00	56.73 -2.43 0.00
FLOWRFLD_69_KV_BK1 356044	71.39 4.10 -18.46	62.63 3.86 -10.49	58.54 3.75 -8.47	51.39 3.54 0.00	53.06 3.56 0.00	76.97 3.79 -18.20	92.40 5.45 -15.24	97.65 5.52 -18.54	89.29 4.97 -17.09	80.88 4.93 -8.35	74.53 4.55 -6.76	72.28 4.33 -6.94	75.58 4.26 -11.36	75.15 4.17 -13.81	77.89 4.06 -16.67	81.64 4.40 -15.34	91.74 4.90 -19.65	103.48 5.97 -15.73	106.62 6.47 -15.00	103.23 5.80 -20.03	96.59 5.25 -22.31	87.82 4.60 -21.96	71.58 4.39 -9.48	68.44 4.20 -5.08
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.61 2.78 0.00	50.89 2.61 0.00	48.82 2.50 0.00	50.19 2.34 0.00	51.87 2.38 0.00	57.44 2.47 0.00	75.23 3.51 0.00	76.90 3.31 0.00	70.32 3.09 0.00	70.57 2.97 0.00	65.75 2.53 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.39 2.23 0.00	59.39 2.23 0.00	64.26 2.35 0.00	70.00 2.82 0.00	85.14 3.35 0.00	88.90 3.75 0.00	80.96 3.56 0.00	72.14 3.11 0.00	64.03 2.76 0.00	60.30 2.60 0.00	61.59 2.43 0.00
FORT ORANGE____ 23900	50.68 1.86 0.00	50.17 1.88 0.00	48.08 1.76 0.00	49.57 1.72 0.00	51.22 1.73 0.00	56.78 1.81 0.00	73.51 1.79 0.00	75.13 1.55 0.00	68.57 1.34 0.00	68.81 1.22 0.00	64.36 1.14 0.00	62.05 1.04 0.00	60.92 0.96 0.00	58.14 0.97 0.00	58.19 1.03 0.00	62.71 0.80 0.00	68.19 1.01 0.00	82.36 0.58 0.00	85.83 0.68 0.00	78.33 0.93 0.00	70.13 1.10 0.00	62.25 0.98 0.00	59.09 1.38 0.00	60.81 1.65 0.00
FORT_DRUM_COGEN 23780	50.54 1.71 0.00	49.73 1.45 0.00	47.48 1.16 0.00	49.28 1.44 0.00	50.98 1.48 0.00	57.28 2.31 0.00	75.23 3.51 0.00	79.25 5.67 0.00	72.47 5.24 0.00	72.46 4.87 0.00	68.22 4.99 0.00	65.83 4.82 0.00	64.70 4.74 0.00	61.97 4.80 0.00	62.02 4.86 0.00	67.73 5.82 0.00	73.29 6.11 0.00	88.33 6.54 0.00	92.22 7.07 0.00	83.28 5.88 0.00	73.93 4.90 0.00	65.44 4.17 0.00	61.40 3.69 0.00	62.89 3.73 0.00
FOX_HILLS___ESR 323835	68.23 3.13 -16.28	66.73 2.95 -15.50	66.25 2.87 -17.06	66.19 2.68 -15.66	66.21 2.52 -14.20	66.31 2.53 -8.81	72.06 3.30 2.95	77.12 3.53 0.00	70.65 3.43 0.00	71.18 3.58 -0.01	69.76 2.91 -3.63	69.79 2.81 -5.97	69.72 2.70 -7.05	69.74 2.69 -9.88	69.73 2.63 -9.94	90.61 2.79 -25.92	70.33 3.09 -0.06	138.60 3.44 -53.38	138.14 3.83 -49.16	131.59 3.48 -50.71	139.66 3.24 -67.38	69.80 2.88 -5.65	69.74 2.83 -9.21	68.29 2.54 -6.59
FPL FAR_ROCK_GT1 24212	71.15 3.86 -18.46	62.39 3.62 -10.49	58.26 3.48 -8.47	51.15 3.30 0.00	52.76 3.27 0.00	76.64 3.47 -18.20	91.90 4.94 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.47 4.53 -8.35	73.96 3.99 -6.76	71.80 3.85 -6.94	75.04 3.72 -11.36	74.58 3.60 -13.81	77.44 3.60 -16.67	81.02 3.78 -15.34	91.00 4.17 -19.65	102.67 5.16 -15.73	105.85 5.71 -15.00	102.53 5.11 -20.03	95.90 4.56 -22.31	87.15 3.92 -21.96	71.06 3.87 -9.48	67.85 3.61 -5.08

FPL FAR_ROCK_GT2 23815	71.15 3.86 -18.46	62.39 3.62 -10.49	58.26 3.48 -8.47	51.15 3.30 0.00	52.76 3.27 0.00	76.64 3.47 -18.20	91.90 4.94 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.47 4.53 -8.35	73.96 3.99 -6.76	71.80 3.85 -6.94	75.04 3.72 -11.36	74.58 3.60 -13.81	77.44 3.60 -16.67	81.02 3.78 -15.34	91.00 4.17 -19.65	102.67 5.16 -15.73	105.85 5.71 -15.00	102.53 5.11 -20.03	95.90 4.56 -22.31	87.15 3.92 -21.96	71.06 3.87 -9.48	67.85 3.61 -5.08
FRANKLIN_FALL_HYD 24054	48.98 0.15 0.00	48.48 0.19 0.00	46.55 0.23 0.00	48.61 0.77 0.00	50.38 0.89 0.00	56.95 1.98 0.00	74.22 2.51 0.00	76.53 2.94 0.00	69.98 2.76 0.00	70.50 2.91 0.00	66.19 2.97 0.00	64.19 3.17 0.00	63.74 3.78 0.00	60.99 3.83 0.00	60.99 3.83 0.00	66.24 4.33 0.00	71.81 4.64 0.00	85.22 3.44 0.00	87.70 2.55 0.00	80.65 3.25 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.13 2.42 0.00	61.88 2.72 0.00
FREEPORT_EQUS_GT1 23764	70.81 3.52 -18.46	62.10 3.33 -10.49	57.98 3.19 -8.47	50.87 3.02 0.00	52.51 3.02 0.00	76.25 3.08 -18.20	91.40 4.45 -15.24	96.62 4.49 -18.54	88.41 4.10 -17.09	80.00 4.06 -8.35	73.58 3.60 -6.76	71.37 3.41 -6.94	74.62 3.30 -11.36	74.18 3.20 -13.81	77.03 3.20 -16.67	80.65 3.40 -15.34	90.59 3.76 -19.65	101.76 4.25 -15.73	104.91 4.77 -15.00	101.68 4.25 -20.03	95.21 3.86 -22.31	86.78 3.55 -21.96	70.65 3.46 -9.48	67.49 3.25 -5.08
FREEPORT___CT2 23818	70.81 3.52 -18.46	62.10 3.33 -10.49	57.98 3.19 -8.47	50.87 3.02 0.00	52.51 3.02 0.00	76.25 3.08 -18.20	91.40 4.45 -15.24	96.62 4.49 -18.54	88.41 4.10 -17.09	80.00 4.06 -8.35	73.58 3.60 -6.76	71.37 3.41 -6.94	74.62 3.30 -11.36	74.18 3.20 -13.81	77.03 3.20 -16.67	80.65 3.40 -15.34	90.59 3.76 -19.65	101.76 4.25 -15.73	104.91 4.77 -15.00	101.68 4.25 -20.03	95.21 3.86 -22.31	86.78 3.55 -21.96	70.65 3.46 -9.48	67.49 3.25 -5.08
FRESHKLS_33_KV_LOAD 356253	68.13 3.03 -16.28	66.64 2.85 -15.50	66.21 2.83 -17.06	66.14 2.63 -15.66	66.21 2.52 -14.20	66.25 2.47 -8.81	71.84 3.08 2.95	76.90 3.31 0.00	70.45 3.23 0.00	70.91 3.31 -0.01	69.57 2.72 -3.63	69.55 2.56 -5.97	69.54 2.52 -7.05	69.56 2.52 -9.88	69.56 2.46 -9.94	90.36 2.54 -25.92	70.12 2.89 -0.06	138.44 3.27 -53.38	137.88 3.58 -49.16	131.36 3.25 -50.71	139.45 3.04 -67.38	69.68 2.76 -5.65	69.57 2.65 -9.21	68.11 2.37 -6.59
FULTON COGEN____ 23766	48.59 -0.24 0.00	47.95 -0.34 0.00	45.90 -0.42 0.00	47.42 -0.43 0.00	49.10 -0.40 0.00	54.70 -0.27 0.00	71.36 -0.36 0.00	74.03 0.44 0.00	67.69 0.47 0.00	67.93 0.34 0.00	63.85 0.63 0.00	61.56 0.55 0.00	60.32 0.36 0.00	57.51 0.34 0.00	57.45 0.29 0.00	62.41 0.50 0.00	67.58 0.40 0.00	82.52 0.74 0.00	86.26 1.11 0.00	78.02 0.62 0.00	69.52 0.48 0.00	61.64 0.37 0.00	57.82 0.12 0.00	59.22 0.06 0.00
FULTON___LFGE 323630	51.61 2.78 0.00	51.13 2.85 0.00	48.96 2.64 0.00	50.53 2.68 0.00	52.21 2.72 0.00	58.21 3.24 0.00	76.31 4.59 0.00	78.08 4.49 0.00	70.72 3.49 0.00	70.77 3.18 0.00	65.81 2.59 0.00	63.27 2.26 0.00	62.12 2.16 0.00	59.39 2.23 0.00	59.51 2.34 0.00	64.88 2.97 0.00	70.94 3.76 0.00	86.45 4.66 0.00	90.43 5.28 0.00	82.12 4.72 0.00	73.11 4.07 0.00	65.01 3.74 0.00	60.99 3.29 0.00	62.23 3.07 0.00
G.F.CEMENT___DRP 24184	53.91 5.08 0.00	53.40 5.12 0.00	51.09 4.77 0.00	52.68 4.83 0.00	54.49 5.00 0.00	60.74 5.77 0.00	79.82 8.10 0.00	81.83 8.24 0.00	74.42 7.19 0.00	74.76 7.16 0.00	69.54 6.32 0.00	67.18 6.16 0.00	65.72 5.76 0.00	62.59 5.43 0.00	62.88 5.72 0.00	67.67 5.76 0.00	73.49 6.31 0.00	89.15 7.36 0.00	93.07 7.92 0.00	84.60 7.20 0.00	75.32 6.28 0.00	67.09 5.82 0.00	62.90 5.19 0.00	64.31 5.15 0.00
GARDENVILLE___LBMP 24039	45.56 -3.27 0.00	44.95 -3.33 0.00	43.22 -3.10 0.00	44.79 -3.06 0.00	46.32 -3.17 0.00	52.06 -2.91 0.00	67.41 -4.30 0.00	68.95 -4.64 0.00	62.79 -4.44 0.00	63.00 -4.60 0.00	60.06 -3.16 0.00	58.39 -2.62 0.00	57.26 -2.70 0.00	53.91 -3.26 0.00	53.91 -3.26 0.00	58.63 -3.28 0.00	62.48 -4.70 0.00	77.86 -3.93 0.00	81.49 -3.66 0.00	73.22 -4.18 0.00	65.03 -4.00 0.00	57.72 -3.55 0.00	54.71 -3.00 0.00	56.38 -2.78 0.00
GARDNVLA_35_KV_LD 355827	45.75 -3.08 0.00	45.15 -3.14 0.00	43.40 -2.92 0.00	44.93 -2.92 0.00	46.52 -2.97 0.00	52.28 -2.69 0.00	67.70 -4.02 0.00	69.25 -4.34 0.00	63.06 -4.17 0.00	63.27 -4.33 0.00	60.31 -2.91 0.00	58.63 -2.38 0.00	57.56 -2.40 0.00	54.13 -3.03 0.00	54.19 -2.97 0.00	58.88 -3.03 0.00	62.75 -4.43 0.00	78.27 -3.52 0.00	81.91 -3.24 0.00	73.61 -3.79 0.00	65.31 -3.73 0.00	57.96 -3.31 0.00	55.00 -2.71 0.00	56.68 -2.48 0.00
GELCKHM___115KV_LOAD 80723	47.80 -1.03 0.00	47.22 -1.06 0.00	45.25 -1.07 0.00	46.75 -1.10 0.00	48.35 -1.14 0.00	53.82 -1.15 0.00	70.21 -1.51 0.00	72.04 -1.55 0.00	65.88 -1.34 0.00	66.17 -1.42 0.00	62.02 -1.20 0.00	59.85 -1.16 0.00	58.76 -1.20 0.00	55.91 -1.26 0.00	55.91 -1.26 0.00	60.61 -1.30 0.00	65.70 -1.48 0.00	80.32 -1.47 0.00	83.79 -1.36 0.00	75.93 -1.47 0.00	67.72 -1.31 0.00	60.04 -1.23 0.00	56.44 -1.27 0.00	57.86 -1.30 0.00
GENERAL___MILLS 23808	45.70 -3.13 0.00	45.10 -3.19 0.00	43.35 -2.96 0.00	44.88 -2.97 0.00	46.47 -3.02 0.00	52.22 -2.75 0.00	67.63 -4.09 0.00	69.17 -4.42 0.00	62.99 -4.24 0.00	63.20 -4.39 0.00	60.25 -2.97 0.00	58.57 -2.44 0.00	57.44 -2.52 0.00	54.08 -3.09 0.00	54.13 -3.03 0.00	58.81 -3.10 0.00	62.68 -4.50 0.00	78.11 -3.68 0.00	81.74 -3.41 0.00	73.45 -3.95 0.00	65.24 -3.80 0.00	57.90 -3.37 0.00	54.88 -2.83 0.00	56.62 -2.54 0.00
GE_PLASTICS___DRP 24183	50.39 1.56 0.00	49.83 1.55 0.00	47.80 1.48 0.00	49.28 1.44 0.00	50.93 1.44 0.00	56.40 1.43 0.00	73.51 1.79 0.00	75.28 1.69 0.00	68.70 1.48 0.00	69.08 1.49 0.00	64.49 1.26 0.00	62.17 1.16 0.00	61.10 1.14 0.00	58.25 1.09 0.00	58.31 1.14 0.00	62.90 0.99 0.00	68.39 1.21 0.00	82.85 1.06 0.00	86.34 1.19 0.00	78.56 1.16 0.00	70.28 1.24 0.00	62.43 1.16 0.00	58.86 1.15 0.00	60.46 1.30 0.00
GILBOA___1 23756	50.19 1.37 0.00	49.78 1.50 0.00	47.71 1.39 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.13 1.16 0.00	73.37 1.65 0.00	75.20 1.62 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.42 1.20 0.00	62.17 1.16 0.00	61.04 1.08 0.00	58.19 1.03 0.00	58.19 1.03 0.00	62.96 1.05 0.00	68.39 1.21 0.00	83.18 1.39 0.00	86.85 1.70 0.00	78.87 1.47 0.00	70.34 1.31 0.00	62.43 1.16 0.00	58.86 1.15 0.00	60.28 1.12 0.00
GILBOA___2 23757	50.19 1.37 0.00	49.78 1.50 0.00	47.71 1.39 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.13 1.16 0.00	73.37 1.65 0.00	75.20 1.62 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.42 1.20 0.00	62.17 1.16 0.00	61.04 1.08 0.00	58.19 1.03 0.00	58.19 1.03 0.00	62.96 1.05 0.00	68.39 1.21 0.00	83.18 1.39 0.00	86.85 1.70 0.00	78.87 1.47 0.00	70.34 1.31 0.00	62.43 1.16 0.00	58.86 1.15 0.00	60.28 1.12 0.00

GILBOA___3 23758	50.19 1.37 0.00	49.78 1.50 0.00	47.71 1.39 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.13 1.16 0.00	73.37 1.65 0.00	75.20 1.62 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.42 1.20 0.00	62.17 1.16 0.00	61.04 1.08 0.00	58.19 1.03 0.00	58.19 1.03 0.00	62.96 1.05 0.00	68.39 1.21 0.00	83.18 1.39 0.00	86.85 1.70 0.00	78.87 1.47 0.00	70.34 1.31 0.00	62.43 1.16 0.00	58.86 1.15 0.00	60.28 1.12 0.00
GILBOA___4 23759	50.19 1.37 0.00	49.78 1.50 0.00	47.71 1.39 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.13 1.16 0.00	73.37 1.65 0.00	75.20 1.62 0.00	68.64 1.41 0.00	68.94 1.35 0.00	64.42 1.20 0.00	62.17 1.16 0.00	61.04 1.08 0.00	58.19 1.03 0.00	58.19 1.03 0.00	62.96 1.05 0.00	68.39 1.21 0.00	83.18 1.39 0.00	86.85 1.70 0.00	78.87 1.47 0.00	70.34 1.31 0.00	62.43 1.16 0.00	58.86 1.15 0.00	60.28 1.12 0.00
GILBOA___ 23599	50.20 1.37 0.00	49.78 1.50 0.00	47.75 1.44 0.00	49.19 1.34 0.00	50.83 1.34 0.00	56.13 1.15 0.00	73.36 1.65 0.00	75.21 1.62 0.00	68.64 1.41 0.00	69.01 1.42 0.00	64.42 1.20 0.00	62.17 1.16 0.00	61.04 1.08 0.00	58.19 1.03 0.00	58.19 1.03 0.00	62.96 1.05 0.00	68.39 1.21 0.00	83.18 1.39 0.00	86.77 1.62 0.00	78.87 1.47 0.00	70.35 1.31 0.00	62.49 1.23 0.00	58.86 1.15 0.00	60.28 1.12 0.00
GINNA___ 23603	44.53 -4.30 0.00	43.94 -4.35 0.00	42.10 -4.21 0.00	43.50 -4.35 0.00	45.14 -4.36 0.00	50.52 -4.45 0.00	65.48 -6.24 0.00	67.26 -6.33 0.00	61.38 -5.85 0.00	61.98 -5.61 0.00	58.23 -5.00 0.00	56.25 -4.76 0.00	55.29 -4.68 0.00	52.48 -4.69 0.00	52.42 -4.74 0.00	56.83 -5.08 0.00	61.27 -5.91 0.00	75.49 -6.30 0.00	79.10 -6.04 0.00	71.13 -6.27 0.00	63.30 -5.73 0.00	56.25 -5.02 0.00	52.92 -4.79 0.00	54.31 -4.85 0.00
GLEN PARK___ 23778	50.78 1.96 0.00	49.97 1.69 0.00	47.71 1.39 0.00	49.52 1.67 0.00	51.22 1.73 0.00	57.56 2.58 0.00	75.66 3.94 0.00	79.77 6.18 0.00	72.87 5.65 0.00	72.93 5.34 0.00	68.59 5.37 0.00	66.14 5.13 0.00	65.00 5.04 0.00	62.31 5.15 0.00	62.31 5.15 0.00	68.10 6.19 0.00	73.77 6.59 0.00	89.06 7.28 0.00	93.07 7.92 0.00	83.97 6.58 0.00	74.49 5.45 0.00	65.92 4.65 0.00	61.86 4.16 0.00	63.30 4.14 0.00
GLENDALE_27_KV_LOAD 356172	51.91 3.08 -0.01	51.19 2.90 -0.01	49.11 2.78 -0.01	50.49 2.63 -0.01	51.97 2.47 0.00	57.44 2.47 0.00	75.37 3.66 0.00	77.41 3.83 0.00	70.85 3.63 0.00	81.89 3.79 -10.51	66.32 3.10 0.00	63.94 2.93 0.00	62.78 2.82 0.00	60.02 2.86 0.00	59.91 2.74 0.00	64.82 2.91 0.00	70.40 3.22 0.00	85.47 3.68 0.00	89.15 4.00 0.00	81.04 3.64 0.00	72.42 3.38 0.00	64.27 3.00 0.00	60.59 2.89 0.00	61.70 2.54 0.00
GLENWOOD_IC_1_G5 23712	70.81 3.52 -18.46	62.10 3.33 -10.49	57.98 3.20 -8.47	50.86 3.01 0.00	52.46 2.97 0.00	76.25 3.08 -18.20	91.47 4.52 -15.24	96.69 4.56 -18.54	88.48 4.17 -17.09	80.14 4.19 -8.35	73.39 3.41 -6.76	71.19 3.23 -6.94	74.50 3.18 -11.36	74.06 3.09 -13.81	76.86 3.03 -16.67	80.40 3.16 -15.34	90.39 3.56 -19.65	101.77 4.25 -15.73	104.83 4.68 -15.00	101.68 4.26 -20.03	95.14 3.80 -22.31	86.60 3.37 -21.96	70.42 3.23 -9.48	67.49 3.25 -5.08
GLENWOOD_IC_2_G1 23688	70.66 3.37 -18.46	61.96 3.19 -10.49	57.84 3.06 -8.47	50.72 2.87 0.00	52.36 2.87 0.00	76.14 2.97 -18.20	91.25 4.30 -15.24	96.47 4.34 -18.54	88.28 3.97 -17.09	79.86 3.92 -8.35	73.39 3.41 -6.76	71.18 3.23 -6.94	74.50 3.18 -11.36	74.01 3.03 -13.81	76.86 3.03 -16.67	80.40 3.16 -15.34	90.39 3.56 -19.65	101.76 4.25 -15.73	104.91 4.77 -15.00	101.68 4.25 -20.03	95.14 3.79 -22.31	86.53 3.31 -21.96	70.42 3.23 -9.48	67.32 3.07 -5.08
GLENWOOD_IC_3_G1 23689	70.66 3.37 -18.46	61.96 3.19 -10.49	57.84 3.06 -8.47	50.72 2.87 0.00	52.36 2.87 0.00	76.14 2.97 -18.20	91.25 4.30 -15.24	96.47 4.34 -18.54	88.28 3.97 -17.09	79.86 3.92 -8.35	73.39 3.41 -6.76	71.18 3.23 -6.94	74.50 3.18 -11.36	74.01 3.03 -13.81	76.86 3.03 -16.67	80.40 3.16 -15.34	90.39 3.56 -19.65	101.76 4.25 -15.73	104.91 4.77 -15.00	101.68 4.25 -20.03	95.14 3.79 -22.31	86.53 3.31 -21.96	70.42 3.23 -9.48	67.32 3.07 -5.08
GLENWOOD___4 23550	70.81 3.52 -18.46	62.10 3.33 -10.49	57.98 3.20 -8.47	50.86 3.01 0.00	52.46 2.97 0.00	76.25 3.08 -18.20	91.47 4.52 -15.24	96.69 4.56 -18.54	88.48 4.17 -17.09	80.14 4.19 -8.35	73.46 3.48 -6.76	71.25 3.29 -6.94	74.56 3.24 -11.36	74.12 3.14 -13.81	76.98 3.14 -16.67	80.53 3.28 -15.34	90.46 3.63 -19.65	101.85 4.33 -15.73	104.91 4.77 -15.00	101.76 4.33 -20.03	95.21 3.87 -22.31	86.66 3.43 -21.96	70.48 3.29 -9.48	67.49 3.25 -5.08
GLENWOOD___5 23614	70.81 3.52 -18.46	62.10 3.33 -10.49	57.98 3.20 -8.47	50.86 3.01 0.00	52.46 2.97 0.00	76.25 3.08 -18.20	91.47 4.52 -15.24	96.69 4.56 -18.54	88.48 4.17 -17.09	80.14 4.19 -8.35	73.46 3.48 -6.76	71.25 3.29 -6.94	74.56 3.24 -11.36	74.12 3.14 -13.81	76.98 3.14 -16.67	80.53 3.28 -15.34	90.46 3.63 -19.65	101.85 4.33 -15.73	104.91 4.77 -15.00	101.76 4.33 -20.03	95.21 3.87 -22.31	86.66 3.43 -21.96	70.48 3.29 -9.48	67.49 3.25 -5.08
GLOBAL GREEN_PORT_GT1 23814	71.24 3.95 -18.46	62.44 3.67 -10.49	58.30 3.52 -8.47	51.15 3.30 0.00	52.86 3.37 0.00	76.80 3.63 -18.20	92.33 5.38 -15.24	97.50 5.37 -18.54	89.29 4.97 -17.09	80.67 4.73 -8.35	74.09 4.11 -6.76	71.92 3.96 -6.94	75.34 4.02 -11.36	74.92 3.94 -13.81	77.89 4.06 -16.67	81.83 4.58 -15.34	91.87 5.04 -19.65	103.90 6.38 -15.73	107.13 6.98 -15.00	103.69 6.27 -20.03	97.01 5.66 -22.31	88.19 4.96 -21.96	72.04 4.85 -9.48	69.15 4.91 -5.08
GLOBE___DSASP 323697	43.60 -5.22 0.00	43.02 -5.26 0.00	41.32 -5.00 0.00	42.78 -5.07 0.00	44.25 -5.25 0.00	49.58 -5.39 0.00	63.97 -7.75 0.00	65.35 -8.24 0.00	59.49 -7.73 0.00	59.68 -7.91 0.00	56.96 -6.26 0.00	55.34 -5.67 0.00	54.33 -5.64 0.00	51.05 -6.12 0.00	51.16 -6.00 0.00	55.60 -6.31 0.00	59.25 -7.93 0.00	73.94 -7.85 0.00	77.23 -7.92 0.00	69.50 -7.89 0.00	61.72 -7.32 0.00	54.84 -6.43 0.00	52.11 -5.60 0.00	53.84 -5.32 0.00
GOETHSLN___LBMP 323567	51.12 2.29 0.00	50.36 2.08 0.00	48.36 2.04 0.00	49.67 1.82 0.00	51.17 1.68 0.00	56.57 1.59 0.00	71.33 2.58 2.96	71.33 2.65 4.90	69.71 2.49 0.00	70.23 2.64 0.00	65.24 2.02 0.00	62.90 1.89 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.94 1.77 0.00	63.77 1.86 0.00	69.33 2.15 0.00	71.33 2.37 12.83	68.69 2.72 19.18	69.92 2.48 9.96	69.62 2.28 1.69	63.29 2.02 0.00	59.67 1.96 0.00	60.82 1.66 0.00
GOLAH___69_KV_TB 1_2 80279	46.09 -2.73 0.00	45.48 -2.80 0.00	43.59 -2.73 0.00	45.12 -2.73 0.00	46.77 -2.72 0.00	52.50 -2.47 0.00	67.84 -3.87 0.00	69.54 -4.05 0.00	63.39 -3.83 0.00	63.67 -3.92 0.00	60.19 -3.03 0.00	58.21 -2.81 0.00	57.08 -2.88 0.00	53.91 -3.26 0.00	53.96 -3.20 0.00	58.57 -3.34 0.00	62.95 -4.23 0.00	78.03 -3.76 0.00	81.74 -3.41 0.00	73.53 -3.87 0.00	65.31 -3.73 0.00	57.96 -3.31 0.00	54.82 -2.89 0.00	56.44 -2.72 0.00

GOODYEAR_LAKE_HYD 323669	50.34 1.51 0.00	49.78 1.50 0.00	47.71 1.39 0.00	49.24 1.39 0.00	50.93 1.44 0.00	56.51 1.54 0.00	74.01 2.29 0.00	75.94 2.35 0.00	69.78 2.55 0.00	69.96 2.37 0.00	65.43 2.21 0.00	63.09 2.07 0.00	61.82 1.86 0.00	58.94 1.77 0.00	58.99 1.83 0.00	63.58 1.67 0.00	69.13 1.95 0.00	84.65 2.86 0.00	88.47 3.32 0.00	80.03 2.63 0.00	71.24 2.21 0.00	63.11 1.84 0.00	59.38 1.67 0.00	60.76 1.60 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.54 -0.29 0.00	47.95 -0.34 0.00	45.99 -0.32 0.00	47.51 -0.33 0.00	49.15 -0.35 0.00	54.64 -0.33 0.00	71.36 -0.36 0.00	73.15 -0.44 0.00	66.82 -0.40 0.00	66.98 -0.61 0.00	62.91 -0.32 0.00	60.77 -0.24 0.00	59.60 -0.36 0.00	56.65 -0.51 0.00	56.71 -0.46 0.00	61.48 -0.43 0.00	66.64 -0.54 0.00	81.79 0.00 0.00	85.32 0.17 0.00	77.24 -0.15 0.00	68.76 -0.28 0.00	60.96 -0.31 0.00	57.42 -0.29 0.00	58.92 -0.24 0.00
GOUDEY___7 23579	48.54 -0.29 0.00	47.95 -0.34 0.00	45.99 -0.32 0.00	47.51 -0.33 0.00	49.15 -0.35 0.00	54.64 -0.33 0.00	71.36 -0.36 0.00	73.15 -0.44 0.00	66.82 -0.40 0.00	66.98 -0.61 0.00	62.91 -0.32 0.00	60.77 -0.24 0.00	59.60 -0.36 0.00	56.65 -0.51 0.00	56.71 -0.46 0.00	61.48 -0.43 0.00	66.64 -0.54 0.00	81.79 0.00 0.00	85.32 0.17 0.00	77.24 -0.15 0.00	68.76 -0.28 0.00	60.96 -0.31 0.00	57.42 -0.29 0.00	58.92 -0.24 0.00
GOUDEY___8 23580	48.54 -0.29 0.00	47.95 -0.34 0.00	45.99 -0.32 0.00	47.51 -0.33 0.00	49.15 -0.35 0.00	54.64 -0.33 0.00	71.36 -0.36 0.00	73.15 -0.44 0.00	66.82 -0.40 0.00	66.98 -0.61 0.00	62.91 -0.32 0.00	60.77 -0.24 0.00	59.60 -0.36 0.00	56.65 -0.51 0.00	56.71 -0.46 0.00	61.48 -0.43 0.00	66.64 -0.54 0.00	81.79 0.00 0.00	85.32 0.17 0.00	77.24 -0.15 0.00	68.76 -0.28 0.00	60.96 -0.31 0.00	57.42 -0.29 0.00	58.92 -0.24 0.00
GOWANUS_GT1_1 24077	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT1_2 24078	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT1_3 24079	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT1_4 24080	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT1_5 24084	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT1_6 24111	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT1_7 24112	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT1_8 24113	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT2_1 24114	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT2_2 24115	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT2_3 24116	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59

GOWANUS_GT2_4 24117	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT2_5 24118	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT2_6 24119	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT2_7 24120	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT2_8 24121	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT3_1 24122	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT3_2 24123	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	6

GOWANUS_GT4_3 24132	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT4_4 24133	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT4_5 24134	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT4_6 24135	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT4_7 24136	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GOWANUS_GT4_8 24137	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GREENBSH_115KV_TB3 55895	50.39 1.56 0.00	49.88 1.59 0.00	47.80 1.48 0.00	49.28 1.44 0.00	50.93 1.44 0.00	56.46 1.48 0.00	73.51 1.79 0.00	75.21 1.62 0.00	68.70 1.48 0.00	69.01 1.42 0.00	64.49 1.26 0.00	62.17 1.16 0.00	61.04 1.08 0.00	58.25 1.09 0.00	58.31 1.14 0.00	62.78 0.87 0.00	68.19 1.01 0.00	82.44 0.65 0.00	85.83 0.68 0.00	78.25 0.85 0.00	70.07 1.04 0.00	62.25 0.98 0.00	58.75 1.04 0.00	60.46 1.30 0.00
GREENIDGE_115KV_TB5 80291	47.95 -0.88 0.00	47.37 -0.92 0.00	45.39 -0.93 0.00	46.99 -0.86 0.00	48.65 -0.84 0.00	54.42 -0.55 0.00	70.50 -1.22 0.00	72.48 -1.10 0.00	66.22 -1.01 0.00	66.31 -1.28 0.00	62.91 -0.32 0.00	60.65 -0.37 0.00	59.36 -0.60 0.00	56.36 -0.80 0.00	56.36 -0.80 0.00	61.23 -0.68 0.00	65.84 -1.34 0.00	81.30 -0.49 0.00	84.81 -0.34 0.00	76.70 -0.70 0.00	68.21 -0.83 0.00	60.78 -0.49 0.00	57.13 -0.58 0.00	58.63 -0.53 0.00
GREENIDGE___3 23582	47.95 -0.88 0.00	47.37 -0.92 0.00	45.39 -0.93 0.00	46.99 -0.86 0.00	48.65 -0.84 0.00	54.42 -0.55 0.00	70.50 -1.22 0.00	72.48 -1.10 0.00	66.22 -1.01 0.00	66.31 -1.28 0.00	62.91 -0.32 0.00	60.65 -0.37 0.00	59.36 -0.60 0.00	56.36 -0.80 0.00	56.36 -0.80 0.00	61.23 -0.68 0.00	65.84 -1.34 0.00	81.30 -0.49 0.00	84.81 -0.34 0.00	76.70 -0.70 0.00	68.21 -0.83 0.00	60.78 -0.49 0.00	57.13 -0.58 0.00	58.63 -0.53 0.00
GREENIDGE___4 23583	47.95 -0.88 0.00	47.37 -0.92 0.00	45.49 -0.83 0.00	46.99 -0.86 0.00	48.65 -0.84 0.00	54.42 -0.55 0.00	70.50 -1.22 0.00	72.49 -1.10 0.00	66.15 -1.08 0.00	66.44 -1.15 0.00	62.53 -0.69 0.00	60.65 -0.36 0.00	59.36 -0.60 0.00	56.42 -0.74 0.00	56.36 -0.80 0.00	61.23 -0.68 0.00	65.84 -1.34 0.00	81.30 -0.49 0.00	84.89 -0.25 0.00	76.70 -0.70 0.00	68.21 -0.83 0.00	60.96 -0.30 0.00	57.13 -0.58 0.00	58.63 -0.53 0.00
GREENLWN_69_KV_BK 3 55738	71.05 3.76 -18.46	62.34 3.57 -10.49	58.26 3.47 -8.47	51.10 3.25 0.00	52.76 3.27 0.00	76.58 3.41 -18.20	91.83 4.88 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.47 4.53 -8.35	73.96 3.98 -6.76	71.80 3.84 -6.94	75.04 3.72 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.02 3.78 -15.34	91.07 4.23 -19.65	102.58 5.07 -15.73	105.68 5.53 -15.00	102.46 5.03 -20.03	95.90 4.56 -22.31	87.21 3.98 -21.96	71.00 3.81 -9.48	67.85 3.61 -5.08
GREENWD_138_KV_38B11_REV_LBMP_J 345004	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
GRISSOM___SOLAR 323813	51.61 2.78 0.00	51.08 2.80 0.00	48.91 2.59 0.00	50.48 2.63 0.00	52.21 2.72 0.00	58.10 3.13 0.00	76.16 4.45 0.00	78.00 4.41 0.00	70.72 3.49 0.00	70.77 3.18 0.00	65.81 2.59 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.45 2.29 0.00	59.56 2.40 0.00	64.88 2.97 0.00	70.80 3.63 0.00	86.28 4.50 0.00	90.26 5.11 0.00	81.97 4.57 0.00	72.97 3.93 0.00	64.88 3.61 0.00	60.88 3.17 0.00	62.18 3.02 0.00
GROVEVILLE___HYD 323602	51.61 2.78 0.00	50.89 2.61 0.00	48.82 2.50 0.00	50.19 2.34 0.00	51.87 2.38 0.00	57.44 2.47 0.00	75.23 3.51 0.00	76.90 3.31 0.00	70.32 3.09 0.00	70.57 2.97 0.00	65.75 2.53 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.39 2.23 0.00	59.39 2.23 0.00	64.26 2.35 0.00	70.00 2.82 0.00	85.14 3.35 0.00	88.90 3.75 0.00	80.96 3.56 0.00	72.14 3.11 0.00	64.03 2.76 0.00	60.30 2.60 0.00	61.59 2.43 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.24 -0.59 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.18 -0.67 0.00	48.80 -0.69 0.00	54.31 -0.66 0.00	70.85 -0.86 0.00	72.85 -0.74 0.00	66.62 -0.61 0.00	66.85 -0.74 0.00	62.72 -0.51 0.00	60.53 -0.49 0.00	59.36 -0.60 0.00	56.54 -0.63 0.00	56.48 -0.69 0.00	61.29 -0.62 0.00	66.44 -0.74 0.00	81.21 -0.57 0.00	84.81 -0.34 0.00	76.78 -0.62 0.00	68.48 -0.55 0.00	60.72 -0.55 0.00	57.01 -0.69 0.00	58.45 -0.71 0.00

HAMLTNNY_34_KV_TB 80303	48.05 -0.78 0.00	47.46 -0.82 0.00	45.49 -0.83 0.00	46.99 -0.86 0.00	48.60 -0.89 0.00	54.09 -0.88 0.00	70.64 -1.08 0.00	72.63 -0.96 0.00	66.35 -0.87 0.00	66.65 -0.95 0.00	62.53 -0.70 0.00	60.28 -0.73 0.00	59.12 -0.84 0.00	56.31 -0.86 0.00	56.31 -0.86 0.00	61.04 -0.87 0.00	66.17 -1.01 0.00	80.89 -0.90 0.00	84.47 -0.68 0.00	76.47 -0.93 0.00	68.21 -0.83 0.00	60.41 -0.86 0.00	56.78 -0.92 0.00	58.21 -0.95 0.00
HAMPSHIRE___PAPER_HYD 323593	49.66 0.83 0.00	49.01 0.73 0.00	46.92 0.60 0.00	48.71 0.86 0.00	50.33 0.84 0.00	57.33 2.36 0.00	74.80 3.08 0.00	77.48 3.90 0.00	70.72 3.49 0.00	71.04 3.45 0.00	66.89 3.67 0.00	64.86 3.85 0.00	64.40 4.44 0.00	61.91 4.74 0.00	61.85 4.69 0.00	67.36 5.45 0.00	72.69 5.51 0.00	84.97 3.19 0.00	87.62 2.47 0.00	80.11 2.71 0.00	71.38 2.35 0.00	63.47 2.20 0.00	59.90 2.19 0.00	61.47 2.30 0.00
HARDSCRABBLE_WT_PWR 323673	49.81 0.98 0.00	49.30 1.02 0.00	47.34 1.02 0.00	49.00 1.15 0.00	50.78 1.28 0.00	56.51 1.54 0.00	73.65 1.94 0.00	75.64 2.06 0.00	69.18 1.95 0.00	69.62 2.03 0.00	65.24 2.02 0.00	62.91 1.89 0.00	61.82 1.86 0.00	58.88 1.71 0.00	58.88 1.71 0.00	63.71 1.80 0.00	69.19 2.01 0.00	84.07 2.29 0.00	87.70 2.55 0.00	79.41 2.01 0.00	70.69 1.65 0.00	62.74 1.47 0.00	59.09 1.38 0.00	60.58 1.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.12 2.29 0.00	50.41 2.12 0.00	48.36 2.04 0.00	49.72 1.87 0.00	51.32 1.83 0.00	56.79 1.81 0.00	74.37 2.65 0.00	76.09 2.50 0.00	69.51 2.29 0.00	69.82 2.23 0.00	65.05 1.83 0.00	62.66 1.65 0.00	61.58 1.62 0.00	58.82 1.66 0.00	58.82 1.66 0.00	63.58 1.67 0.00	69.19 2.02 0.00	84.16 2.37 0.00	87.87 2.72 0.00	79.95 2.55 0.00	71.31 2.28 0.00	63.29 2.02 0.00	59.67 1.96 0.00	60.94 1.77 0.00
HARSNRAD_115KV_TB1 81005	44.48 -4.35 0.00	43.89 -4.39 0.00	42.15 -4.17 0.00	43.64 -4.21 0.00	45.19 -4.31 0.00	50.74 -4.23 0.00	65.48 -6.24 0.00	66.96 -6.62 0.00	61.04 -6.18 0.00	61.24 -6.35 0.00	58.61 -4.62 0.00	56.93 -4.09 0.00	55.89 -4.08 0.00	52.53 -4.63 0.00	52.65 -4.52 0.00	57.21 -4.71 0.00	60.93 -6.25 0.00	76.06 -5.73 0.00	79.61 -5.53 0.00	71.52 -5.88 0.00	63.51 -5.52 0.00	56.37 -4.90 0.00	53.55 -4.15 0.00	55.20 -3.96 0.00
HARZA MOOSE___RIVER 24016	50.25 1.42 0.00	49.54 1.26 0.00	47.38 1.07 0.00	49.09 1.24 0.00	50.78 1.29 0.00	56.84 1.87 0.00	74.66 2.94 0.00	77.19 3.61 0.00	70.52 3.29 0.00	70.77 3.18 0.00	66.38 3.16 0.00	64.06 3.05 0.00	62.96 3.00 0.00	60.19 3.03 0.00	60.19 3.03 0.00	65.44 3.53 0.00	70.94 3.76 0.00	85.80 4.01 0.00	89.24 4.09 0.00	80.81 3.41 0.00	71.86 2.83 0.00	63.66 2.39 0.00	59.90 2.19 0.00	61.41 2.25 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.75 -1.07 0.00	47.17 -1.11 0.00	45.21 -1.11 0.00	46.70 -1.15 0.00	48.30 -1.19 0.00	53.71 -1.26 0.00	70.07 -1.65 0.00	71.89 -1.69 0.00	65.75 -1.48 0.00	66.04 -1.55 0.00	61.89 -1.33 0.00	59.73 -1.28 0.00	58.58 -1.38 0.00	55.79 -1.37 0.00	55.79 -1.37 0.00	60.49 -1.42 0.00	65.43 -1.75 0.00	80.07 -1.72 0.00	83.62 -1.53 0.00	75.70 -1.70 0.00	67.51 -1.52 0.00	59.92 -1.35 0.00	56.32 -1.38 0.00	57.74 -1.42 0.00
HELLGATE_13_KV_LD 55870	51.72 2.88 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.22 2.25 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.54 3.45 -10.50	65.94 2.72 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.68 2.52 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.98 3.19 0.00	88.64 3.49 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.41 2.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.72 2.88 -0.01	51.00 2.70 -0.01	48.97 2.64 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.22 2.25 0.00	75.01 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.54 3.45 -10.50	65.94 2.72 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.68 2.52 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.98 3.19 0.00	88.64 3.49 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.41 2.25 0.00
HEMPSTEAD____ 23647	70.61 3.32 -18.46	61.91 3.14 -10.49	57.79 3.01 -8.47	50.67 2.82 0.00	52.31 2.82 0.00	76.03 2.86 -18.20	91.11 4.16 -15.24	96.32 4.19 -18.54	88.14 3.83 -17.09	79.80 3.85 -8.35	73.26 3.29 -6.76	71.06 3.11 -6.94	74.38 3.06 -11.36	73.95 2.97 -13.81	76.81 2.97 -16.67	80.34 3.09 -15.34	90.32 3.49 -19.65	101.60 4.09 -15.73	104.65 4.51 -15.00	101.53 4.10 -20.03	95.00 3.66 -22.31	86.41 3.18 -21.96	70.36 3.17 -9.48	67.26 3.02 -5.08
HEWLETT_69_KV_BK3 55828	70.90 3.61 -18.46	62.20 3.43 -10.49	58.07 3.29 -8.47	50.96 3.11 0.00	52.56 3.07 0.00	76.36 3.19 -18.20	91.54 4.59 -15.24	96.77 4.64 -18.54	88.48 4.17 -17.09	80.27 4.33 -8.35	73.65 3.67 -6.76	71.49 3.54 -6.94	74.74 3.42 -11.36	74.29 3.32 -13.81	77.15 3.32 -16.67	80.71 3.47 -15.34	90.73 3.90 -19.65	102.18 4.66 -15.73	105.34 5.19 -15.00	102.15 4.72 -20.03	95.56 4.21 -22.31	86.96 3.74 -21.96	70.77 3.58 -9.48	67.61 3.37 -5.08
HICKLING___1 23621	47.66 -1.17 0.00	47.13 -1.16 0.00	45.25 -1.07 0.00	46.75 -1.10 0.00	48.40 -1.09 0.00	54.09 -0.88 0.00	70.50 -1.22 0.00	72.26 -1.32 0.00	65.95 -1.28 0.00	66.10 -1.49 0.00	62.40 -0.82 0.00	60.28 -0.73 0.00	59.00 -0.96 0.00	55.91 -1.26 0.00	55.91 -1.26 0.00	60.73 -1.18 0.00	65.70 -1.48 0.00	81.30 -0.49 0.00	84.89 -0.26 0.00	76.63 -0.77 0.00	68.14 -0.90 0.00	60.41 -0.86 0.00	56.84 -0.87 0.00	58.51 -0.65 0.00
HICKLING___2 23622	47.66 -1.17 0.00	47.13 -1.16 0.00	45.25 -1.07 0.00	46.75 -1.10 0.00	48.40 -1.09 0.00	54.09 -0.88 0.00	70.50 -1.22 0.00	72.26 -1.32 0.00	65.95 -1.28 0.00	66.10 -1.49 0.00	62.40 -0.82 0.00	60.28 -0.73 0.00	59.00 -0.96 0.00	55.91 -1.26 0.00	55.91 -1.26 0.00	60.73 -1.18 0.00	65.70 -1.48 0.00	81.30 -0.49 0.00	84.89 -0.26 0.00	76.63 -0.77 0.00	68.14 -0.90 0.00	60.41 -0.86 0.00	56.84 -0.87 0.00	58.51 -0.65 0.00
HIGH FALLS___HY 23754	51.47 2.64 0.00	50.75 2.46 0.00	48.68 2.36 0.00	50.05 2.20 0.00	51.72 2.23 0.00	57.28 2.31 0.00	75.09 3.37 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.30 2.70 0.00	65.50 2.28 0.00	62.97 1.95 0.00	61.88 1.92 0.00	59.11 1.94 0.00	59.11 1.94 0.00	64.08 2.17 0.00	69.87 2.69 0.00	85.22 3.44 0.00	89.07 3.92 0.00	81.04 3.64 0.00	72.21 3.18 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.41 2.25 0.00
HIGH_RIVER___SOLAR 323847	50.83 2.00 0.00	50.31 2.03 0.00	48.17 1.85 0.00	49.71 1.86 0.00	51.37 1.88 0.00	57.11 2.14 0.00	74.66 2.94 0.00	76.45 2.87 0.00	69.51 2.29 0.00	69.69 2.10 0.00	64.99 1.77 0.00	62.54 1.53 0.00	61.46 1.50 0.00	58.71 1.54 0.00	58.76 1.60 0.00	63.77 1.86 0.00	69.53 2.35 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.34 2.94 0.00	71.59 2.56 0.00	63.60 2.33 0.00	59.78 2.07 0.00	61.17 2.01 0.00

HILLBURN___GT 23639	51.08 2.25 0.00	50.36 2.07 0.00	48.31 1.99 0.00	49.67 1.82 0.00	51.22 1.73 0.00	56.68 1.71 0.00	74.22 2.51 0.00	76.01 2.42 0.00	69.37 2.15 0.00	69.69 2.10 0.00	64.93 1.71 0.00	62.60 1.58 0.00	61.52 1.56 0.00	58.71 1.54 0.00	58.71 1.54 0.00	63.46 1.55 0.00	68.99 1.81 0.00	83.91 2.12 0.00	87.62 2.47 0.00	79.65 2.25 0.00	71.10 2.07 0.00	62.98 1.71 0.00	59.50 1.79 0.00	60.81 1.65 0.00
HILLSIDE_115KV_TB1 80332	47.22 -1.61 0.00	46.69 -1.59 0.00	44.84 -1.48 0.00	46.32 -1.53 0.00	47.91 -1.58 0.00	53.43 -1.54 0.00	69.71 -2.01 0.00	71.38 -2.21 0.00	65.07 -2.15 0.00	65.23 -2.37 0.00	61.51 -1.71 0.00	59.43 -1.59 0.00	58.22 -1.74 0.00	55.22 -1.94 0.00	55.22 -1.94 0.00	59.99 -1.92 0.00	65.03 -2.15 0.00	80.23 -1.55 0.00	83.79 -1.36 0.00	75.70 -1.70 0.00	67.31 -1.73 0.00	59.74 -1.53 0.00	56.21 -1.50 0.00	57.86 -1.30 0.00
HISHELDN_WT_PWR 323625	45.56 -3.27 0.00	45.05 -3.23 0.00	43.40 -2.92 0.00	44.84 -3.01 0.00	46.47 -3.02 0.00	52.17 -2.80 0.00	67.63 -4.08 0.00	69.17 -4.41 0.00	63.06 -4.17 0.00	63.54 -4.05 0.00	60.06 -3.16 0.00	58.33 -2.68 0.00	57.15 -2.82 0.00	53.96 -3.20 0.00	53.85 -3.32 0.00	58.51 -3.41 0.00	62.68 -4.50 0.00	78.11 -3.68 0.00	81.83 -3.32 0.00	73.46 -3.94 0.00	65.24 -3.80 0.00	58.21 -3.06 0.00	54.82 -2.88 0.00	56.50 -2.66 0.00
HOLTSVILLE_IC_1 23690	71.05 3.76 -18.46	62.29 3.52 -10.49	58.21 3.43 -8.47	51.06 3.21 0.00	52.71 3.22 0.00	76.58 3.41 -18.20	91.90 4.94 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.34 4.39 -8.35	74.09 4.11 -6.76	71.80 3.85 -6.94	75.10 3.78 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.15 3.90 -15.34	91.14 4.30 -19.65	102.67 5.16 -15.73	105.76 5.62 -15.00	102.53 5.11 -20.03	95.97 4.63 -22.31	87.21 3.98 -21.96	71.12 3.93 -9.48	67.97 3.73 -5.08
HOLTSVILLE_IC_10 23699	71.30 4.00 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.22 4.90 -17.09	80.67 4.73 -8.35	74.47 4.49 -6.76	72.16 4.21 -6.94	75.46 4.13 -11.36	75.04 4.06 -13.81	77.83 4.00 -16.67	81.52 4.27 -15.34	91.60 4.77 -19.65	103.32 5.81 -15.73	106.45 6.30 -15.00	103.07 5.65 -20.03	96.45 5.11 -22.31	87.64 4.41 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
HOLTSVILLE_IC_2 23691	71.05 3.76 -18.46	62.29 3.52 -10.49	58.21 3.43 -8.47	51.06 3.21 0.00	52.71 3.22 0.00	76.58 3.41 -18.20	91.90 4.94 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.34 4.39 -8.35	74.09 4.11 -6.76	71.80 3.85 -6.94	75.10 3.78 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.15 3.90 -15.34	91.14 4.30 -19.65	102.67 5.16 -15.73	105.76 5.62 -15.00	102.53 5.11 -20.03	95.97 4.63 -22.31	87.21 3.98 -21.96	71.12 3.93 -9.48	67.97 3.73 -5.08
HOLTSVILLE_IC_3 23692	71.05 3.76 -18.46	62.29 3.52 -10.49	58.21 3.43 -8.47	51.06 3.21 0.00	52.71 3.22 0.00	76.58 3.41 -18.20	91.90 4.94 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.34 4.39 -8.35	74.09 4.11 -6.76	71.80 3.85 -6.94	75.10 3.78 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.15 3.90 -15.34	91.14 4.30 -19.65	102.67 5.16 -15.73	105.76 5.62 -15.00	102.53 5.11 -20.03	95.97 4.63 -22.31	87.21 3.98 -21.96	71.12 3.93 -9.48	67.97 3.73 -5.08
HOLTSVILLE_IC_4 23693	71.05 3.76 -18.46	62.29 3.52 -10.49	58.21 3.43 -8.47	51.06 3.21 0.00	52.71 3.22 0.00	76.58 3.41 -18.20	91.90 4.94 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.34 4.39 -8.35	74.09 4.11 -6.76	71.80 3.85 -6.94	75.10 3.78 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.15 3.90 -15.34	91.14 4.30 -19.65	102.67 5.16 -15.73	105.76 5.62 -15.00	102.53 5.11 -20.03	95.97 4.63 -22.31	87.21 3.98 -21.96	71.12 3.93 -9.48	67.97 3.73 -5.08
HOLTSVILLE_IC_5 23694	71.05 3.76 -18.46	62.29 3.52 -10.49	58.21 3.43 -8.47	51.06 3.21 0.00	52.71 3.22 0.00	76.58 3.41 -18.20	91.90 4.94 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.34 4.39 -8.35	74.09 4.11 -6.76	71.80 3.85 -6.94	75.10 3.78 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.15 3.90 -15.34	91.14 4.30 -19.65	102.67 5.16 -15.73	105.76 5.62 -15.00	102.53 5.11 -20.03	95.97 4.63 -22.31	87.21 3.98 -21.96	71.12 3.93 -9.48	67.97 3.73 -5.08
HOLTSVILLE_IC_6 23695	71.30 4.00 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.22 4.90 -17.09	80.67 4.73 -8.35	74.47 4.49 -6.76	72.16 4.21 -6.94	75.46 4.13 -11.36	75.04 4.06 -13.81	77.83 4.00 -16.67	81.52 4.27 -15.34	91.60 4.77 -19.65	103.32 5.81 -15.73	106.45 6.30 -15.00	103.07 5.65 -20.03	96.45 5.11 -22.31	87.64 4.41 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
HOLTSVILLE_IC_7 23696	71.30 4.00 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.22 4.90 -17.09	80.67 4.73 -8.35	74.47 4.49 -6.76	72.16 4.21 -6.94	75.46 4.13 -11.36	75.04 4.06 -13.81	77.83 4.00 -16.67	81.52 4.27 -15.34	91.60 4.77 -19.65	103.32 5.81 -15.73	106.45 6.30 -15.00	103.07 5.65 -20.03	96.45 5.11 -22.31	87.64 4.41 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
HOLTSVILLE_IC_8 23697	71.30 4.00 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.22 4.90 -17.09	80.67 4.73 -8.35	74.47 4.49 -6.76	72.16 4.21 -6.94	75.46 4.13 -11.36	75.04 4.06 -13.81	77.83 4.00 -16.67	81.52 4.27 -15.34	91.60 4.77 -19.65	103.32 5.81 -15.73	106.45 6.30 -15.00	103.07 5.65 -20.03	96.45 5.11 -22.31	87.64 4.41 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
HOLTSVILLE_IC_9 23698	71.30 4.00 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.22 4.90 -17.09	80.67 4.73 -8.35	74.47 4.49 -6.76	72.16 4.21 -6.94	75.46 4.13 -11.36	75.04 4.06 -13.81	77.83 4.00 -16.67	81.52 4.27 -15.34	91.60 4.77 -19.65	103.32 5.81 -15.73	106.45 6.30 -15.00	103.07 5.65 -20.03	96.45 5.11 -22.31	87.64 4.41 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
HOMER_HL_115KV_TB2 355744	47.80 -1.03 0.00	47.22 -1.06 0.00	45.49 -0.83 0.00	47.08 -0.77 0.00	48.70 -0.79 0.00	54.70 -0.27 0.00	71.21 -0.50 0.00	72.78 -0.81 0.00	66.42 -0.81 0.00	66.71 -0.88 0.00	63.35 0.13 0.00	61.56 0.55 0.00	60.38 0.42 0.00	56.94 -0.23 0.00	56.94 -0.23 0.00	61.91 0.00 0.00	65.03 -2.15 0.00	80.81 -0.98 0.00	84.55 -0.60 0.00	76.08 -1.32 0.00	67.45 -1.59 0.00	59.86 -1.41 0.00	56.61 -1.10 0.00	58.39 -0.77 0.00
HOWARD_WT_PWR 323690	46.49 -2.34 0.00	46.21 -2.07 0.00	44.61 -1.71 0.00	46.22 -1.63 0.00	47.96 -1.53 0.00	53.87 -1.10 0.00	70.28 -1.43 0.00	72.34 -1.25 0.00	66.02 -1.21 0.00	66.31 -1.29 0.00	62.53 -0.69 0.00	60.46 -0.55 0.00	59.12 -0.84 0.00	55.96 -1.20 0.00	55.85 -1.31 0.00	60.73 -1.18 0.00	65.43 -1.75 0.00	81.46 -0.33 0.00	85.32 0.17 0.00	76.63 -0.77 0.00	68.00 -1.03 0.00	60.47 -0.80 0.00	56.78 -0.93 0.00	58.39 -0.77 0.00

HQ_GEN_CEDARS 23644	49.32 0.49 0.00	48.82 0.53 0.00	46.83 0.51 0.00	48.66 0.81 0.00	50.33 0.84 0.00	59.09 4.12 0.00	76.73 5.02 0.00	78.89 5.30 0.00	72.00 4.77 0.00	72.32 4.73 0.00	68.34 5.12 0.00	66.57 5.55 0.00	66.62 6.66 0.00	64.08 6.92 0.00	64.02 6.86 0.00	69.65 7.74 0.00	75.04 7.86 0.00	83.91 2.13 0.00	86.00 0.85 0.00	79.33 1.93 0.00	70.76 1.73 0.00	62.92 1.65 0.00	59.38 1.67 0.00	61.05 1.89 0.00
HQ_GEN_CEDARS_PROXY 323590	49.32 0.49 0.00	48.82 0.53 0.00	46.83 0.51 0.00	48.66 0.81 0.00	50.33 0.84 0.00	59.10 4.12 0.00	76.73 5.02 0.00	78.89 5.30 0.00	72.00 4.77 0.00	72.39 4.80 0.00	68.34 5.12 0.00	66.56 5.55 0.00	66.62 6.66 0.00	64.08 6.91 0.00	64.02 6.86 0.00	69.65 7.74 0.00	75.04 7.86 0.00	83.91 2.12 0.00	85.83 0.68 0.00	79.34 1.94 0.00	70.76 1.73 0.00	62.92 1.65 0.00	59.38 1.67 0.00	61.05 1.89 0.00
HQ_GEN_IMPORT 323601	48.73 -0.10 0.00	48.24 -0.05 0.00	46.32 0.00 0.00	47.95 0.10 0.00	49.64 0.15 0.00	55.25 0.28 0.00	72.00 0.29 0.00	73.96 0.37 0.00	67.56 0.34 0.00	68.00 0.41 0.00	63.60 0.38 0.00	61.44 0.43 0.00	60.50 0.54 0.00	57.68 0.51 0.00	57.74 0.57 0.00	62.53 0.62 0.00	67.85 0.67 0.00	82.44 0.65 0.00	85.40 0.26 0.00	77.95 0.55 0.00	69.58 0.55 0.00	61.76 0.49 0.00	58.17 0.46 0.00	59.75 0.59 0.00
HQ_GEN_WHEEL 23651	48.73 -0.10 0.00	48.24 -0.05 0.00	46.32 0.00 0.00	47.95 0.10 0.00	49.64 0.15 0.00	55.25 0.28 0.00	72.00 0.29 0.00	73.96 0.37 0.00	67.56 0.34 0.00	68.00 0.41 0.00	63.60 0.38 0.00	61.44 0.43 0.00	60.50 0.54 0.00	57.68 0.51 0.00	57.74 0.57 0.00	62.53 0.62 0.00	67.85 0.67 0.00	82.44 0.65 0.00	85.40 0.26 0.00	77.95 0.55 0.00	69.58 0.55 0.00	61.76 0.49 0.00	58.17 0.46 0.00	59.75 0.59 0.00
HUDSON AVE_GT_3 23810	51.47 2.64 0.00	50.70 2.41 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.52 2.03 0.00	57.00 2.03 0.00	74.94 3.23 0.00	76.90 3.31 0.00	70.25 3.03 0.00	70.77 3.18 0.00	65.75 2.53 0.00	63.45 2.44 0.00	62.30 2.34 0.00	59.51 2.34 0.00	59.45 2.29 0.00	64.26 2.35 0.00	69.87 2.69 0.00	84.90 3.11 0.00	88.64 3.49 0.00	80.50 3.10 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.29 2.13 0.00
HUDSON AVE_GT_4 23540	51.47 2.64 0.00	50.70 2.41 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.52 2.03 0.00	57.00 2.03 0.00	74.94 3.23 0.00	76.90 3.31 0.00	70.25 3.03 0.00	70.77 3.18 0.00	65.75 2.53 0.00	63.45 2.44 0.00	62.30 2.34 0.00	59.51 2.34 0.00	59.45 2.29 0.00	64.26 2.35 0.00	69.87 2.69 0.00	84.90 3.11 0.00	88.64 3.49 0.00	80.50 3.10 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.29 2.13 0.00
HUDSON AVE_GT_5 23657	51.47 2.64 0.00	50.70 2.41 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.52 2.03 0.00	57.00 2.03 0.00	74.94 3.23 0.00	76.90 3.31 0.00	70.25 3.03 0.00	70.77 3.18 0.00	65.75 2.53 0.00	63.45 2.44 0.00	62.30 2.34 0.00	59.51 2.34 0.00	59.45 2.29 0.00	64.26 2.35 0.00	69.87 2.69 0.00	84.90 3.11 0.00	88.64 3.49 0.00	80.50 3.10 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.29 2.13 0.00
HUDSON_AVE_10 24168	51.32 2.49 0.00	50.55 2.27 0.00	48.54 2.22 0.00	49.86 2.01 0.00	51.32 1.83 0.00	56.79 1.81 0.00	74.66 2.94 0.00	76.60 3.02 0.00	70.05 2.82 0.00	70.57 2.97 0.00	65.56 2.34 0.00	63.21 2.20 0.00	62.12 2.16 0.00	59.28 2.12 0.00	59.22 2.06 0.00	64.08 2.17 0.00	69.66 2.49 0.00	84.65 2.86 0.00	88.38 3.24 0.00	80.26 2.86 0.00	71.73 2.69 0.00	63.66 2.39 0.00	59.96 2.25 0.00	61.05 1.89 0.00
HUDSON___115KV_TB 4 355613	51.37 2.54 0.00	50.84 2.56 0.00	48.73 2.41 0.00	50.19 2.34 0.00	51.97 2.47 0.00	57.61 2.64 0.00	74.87 3.16 0.00	76.46 2.87 0.00	69.78 2.55 0.00	69.89 2.30 0.00	65.18 1.96 0.00	62.78 1.77 0.00	61.64 1.68 0.00	58.82 1.66 0.00	58.99 1.83 0.00	63.77 1.86 0.00	69.40 2.22 0.00	84.08 2.29 0.00	87.70 2.55 0.00	80.03 2.63 0.00	71.52 2.49 0.00	63.54 2.27 0.00	60.07 2.37 0.00	61.70 2.54 0.00
HUNTER MOUNT___DRP 323613	51.66 2.83 0.00	51.13 2.85 0.00	48.96 2.64 0.00	50.48 2.63 0.00	52.26 2.77 0.00	57.99 3.02 0.00	75.44 3.73 0.00	76.90 3.31 0.00	70.25 3.03 0.00	70.16 2.57 0.00	65.50 2.28 0.00	63.03 2.01 0.00	61.88 1.92 0.00	59.05 1.89 0.00	59.22 2.06 0.00	64.08 2.17 0.00	69.80 2.62 0.00	84.65 2.86 0.00	88.30 3.15 0.00	80.65 3.25 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.42 2.71 0.00	62.12 2.96 0.00
HUNTINGTON_RES_REC 323705	71.20 3.91 -18.46	62.44 3.67 -10.49	58.30 3.52 -8.47	51.20 3.35 0.00	52.86 3.37 0.00	76.75 3.57 -18.20	92.12 5.17 -15.24	97.36 5.23 -18.54	89.02 4.70 -17.09	80.54 4.60 -8.35	74.21 4.24 -6.76	71.98 4.03 -6.94	75.28 3.96 -11.36	74.81 3.83 -13.81	77.61 3.77 -16.67	81.27 4.02 -15.34	91.33 4.50 -19.65	102.99 5.48 -15.73	106.19 6.05 -15.00	102.84 5.42 -20.03	96.25 4.90 -22.31	87.45 4.22 -21.96	71.29 4.10 -9.48	68.08 3.84 -5.08
HUNTLEY___63 23557	44.87 -3.96 0.00	44.28 -4.01 0.00	42.52 -3.80 0.00	44.02 -3.83 0.00	45.58 -3.91 0.00	51.23 -3.74 0.00	66.19 -5.52 0.00	67.70 -5.89 0.00	61.71 -5.51 0.00	61.91 -5.68 0.00	59.11 -4.11 0.00	57.47 -3.54 0.00	56.42 -3.54 0.00	53.05 -4.12 0.00	53.11 -4.06 0.00	57.76 -4.15 0.00	61.47 -5.71 0.00	76.72 -5.07 0.00	80.30 -4.85 0.00	72.14 -5.26 0.00	64.06 -4.97 0.00	56.86 -4.41 0.00	53.96 -3.75 0.00	55.61 -3.55 0.00
HUNTLEY___64 23558	44.87 -3.96 0.00	44.28 -4.01 0.00	42.52 -3.80 0.00	44.02 -3.83 0.00	45.58 -3.91 0.00	51.23 -3.74 0.00	66.19 -5.52 0.00	67.70 -5.89 0.00	61.71 -5.51 0.00	61.91 -5.68 0.00	59.11 -4.11 0.00	57.47 -3.54 0.00	56.42 -3.54 0.00	53.05 -4.12 0.00	53.11 -4.06 0.00	57.76 -4.15 0.00	61.47 -5.71 0.00	76.72 -5.07 0.00	80.30 -4.85 0.00	72.14 -5.26 0.00	64.06 -4.97 0.00	56.86 -4.41 0.00	53.96 -3.75 0.00	55.61 -3.55 0.00
HUNTLEY___65 23559	44.87 -3.96 0.00	44.28 -4.01 0.00	42.52 -3.80 0.00	44.02 -3.83 0.00	45.58 -3.91 0.00	51.23 -3.74 0.00	66.19 -5.52 0.00	67.70 -5.89 0.00	61.71 -5.51 0.00	61.91 -5.68 0.00	59.11 -4.11 0.00	57.47 -3.54 0.00	56.42 -3.54 0.00	53.05 -4.12 0.00	53.11 -4.06 0.00	57.76 -4.15 0.00	61.47 -5.71 0.00	76.72 -5.07 0.00	80.30 -4.85 0.00	72.14 -5.26 0.00	64.06 -4.97 0.00	56.86 -4.41 0.00	53.96 -3.75 0.00	55.61 -3.55 0.00
HUNTLEY___66 23560	44.87 -3.96 0.00	44.28 -4.01 0.00	42.52 -3.80 0.00	44.02 -3.83 0.00	45.58 -3.91 0.00	51.23 -3.74 0.00	66.19 -5.52 0.00	67.70 -5.89 0.00	61.71 -5.51 0.00	61.91 -5.68 0.00	59.11 -4.11 0.00	57.47 -3.54 0.00	56.42 -3.54 0.00	53.05 -4.12 0.00	53.11 -4.06 0.00	57.76 -4.15 0.00	61.47 -5.71 0.00	76.72 -5.07 0.00	80.30 -4.85 0.00	72.14 -5.26 0.00	64.06 -4.97 0.00	56.86 -4.41 0.00	53.96 -3.75 0.00	55.61 -3.55 0.00

HUNTLEY___67 23561	44.87 -3.96 0.00	44.28 -4.01 0.00	42.52 -3.80 0.00	44.02 -3.83 0.00	45.58 -3.91 0.00	51.12 -3.85 0.00	66.12 -5.59 0.00	67.63 -5.96 0.00	61.58 -5.65 0.00	61.78 -5.81 0.00	58.92 -4.30 0.00	57.23 -3.78 0.00	56.12 -3.84 0.00	52.82 -4.34 0.00	52.88 -4.29 0.00	57.45 -4.46 0.00	61.27 -5.91 0.00	76.39 -5.40 0.00	79.87 -5.28 0.00	71.83 -5.57 0.00	63.79 -5.25 0.00	56.61 -4.66 0.00	53.78 -3.92 0.00	55.43 -3.73 0.00
HUNTLEY___68 23562	44.87 -3.96 0.00	44.28 -4.01 0.00	42.52 -3.80 0.00	44.02 -3.83 0.00	45.58 -3.91 0.00	51.12 -3.85 0.00	66.12 -5.59 0.00	67.63 -5.96 0.00	61.58 -5.65 0.00	61.78 -5.81 0.00	58.92 -4.30 0.00	57.23 -3.78 0.00	56.12 -3.84 0.00	52.82 -4.34 0.00	52.88 -4.29 0.00	57.45 -4.46 0.00	61.27 -5.91 0.00	76.39 -5.40 0.00	79.87 -5.28 0.00	71.83 -5.57 0.00	63.79 -5.25 0.00	56.61 -4.66 0.00	53.78 -3.92 0.00	55.43 -3.73 0.00
HYLAND___LFGE 323620	48.54 -0.29 0.00	47.85 -0.44 0.00	45.86 -0.46 0.00	47.46 -0.38 0.00	49.39 -0.10 0.00	55.63 0.66 0.00	72.29 0.57 0.00	74.47 0.89 0.00	67.56 0.34 0.00	67.80 0.20 0.00	63.35 0.13 0.00	61.07 0.06 0.00	59.78 -0.18 0.00	56.65 -0.52 0.00	56.70 -0.46 0.00	62.03 0.12 0.00	67.31 0.13 0.00	84.07 2.29 0.00	88.47 3.32 0.00	78.95 1.55 0.00	70.21 1.17 0.00	62.31 1.04 0.00	58.40 0.69 0.00	59.87 0.71 0.00
INDECK___CORINTH 23802	53.81 4.98 0.00	53.31 5.02 0.00	51.00 4.68 0.00	52.59 4.74 0.00	54.39 4.90 0.00	60.63 5.66 0.00	79.67 7.96 0.00	81.68 8.09 0.00	74.28 7.06 0.00	74.69 7.10 0.00	69.42 6.20 0.00	67.00 5.98 0.00	65.54 5.58 0.00	62.42 5.26 0.00	62.71 5.54 0.00	67.67 5.76 0.00	73.49 6.31 0.00	89.15 7.36 0.00	93.15 8.00 0.00	84.60 7.20 0.00	75.31 6.28 0.00	67.15 5.88 0.00	62.96 5.25 0.00	64.42 5.26 0.00
INDECK___ILION 23567	49.61 0.78 0.00	49.06 0.77 0.00	47.11 0.79 0.00	48.66 0.81 0.00	50.38 0.89 0.00	56.02 1.04 0.00	73.01 1.29 0.00	74.99 1.40 0.00	68.50 1.28 0.00	68.88 1.28 0.00	64.55 1.33 0.00	62.23 1.22 0.00	61.16 1.20 0.00	58.25 1.09 0.00	58.25 1.09 0.00	63.09 1.18 0.00	68.46 1.28 0.00	83.34 1.55 0.00	86.85 1.70 0.00	78.79 1.39 0.00	70.21 1.17 0.00	62.31 1.04 0.00	58.69 0.98 0.00	60.11 0.95 0.00
INDECK___OLEAN 23982	47.80 -1.03 0.00	47.27 -1.02 0.00	45.58 -0.74 0.00	47.08 -0.77 0.00	48.70 -0.79 0.00	54.70 -0.27 0.00	71.22 -0.50 0.00	72.78 -0.81 0.00	66.42 -0.80 0.00	66.98 -0.61 0.00	63.28 0.06 0.00	61.56 0.55 0.00	60.39 0.42 0.00	57.05 -0.11 0.00	56.94 -0.23 0.00	61.91 0.00 0.00	65.10 -2.08 0.00	80.81 -0.98 0.00	84.72 -0.42 0.00	76.08 -1.32 0.00	67.45 -1.59 0.00	60.04 -1.22 0.00	56.61 -1.10 0.00	58.39 -0.77 0.00
INDECK___OSWEGO 23783	48.93 0.10 0.00	48.28 0.00 0.00	46.27 -0.05 0.00	47.80 -0.05 0.00	49.44 -0.05 0.00	55.14 0.17 0.00	72.00 0.29 0.00	75.28 1.69 0.00	68.84 1.61 0.00	69.08 1.49 0.00	64.99 1.77 0.00	62.66 1.65 0.00	61.40 1.44 0.00	58.59 1.43 0.00	58.53 1.37 0.00	63.64 1.73 0.00	68.92 1.74 0.00	84.00 2.21 0.00	87.87 2.72 0.00	79.41 2.01 0.00	70.69 1.65 0.00	62.74 1.47 0.00	58.80 1.09 0.00	60.17 1.00 0.00
INDECK___YERKES 23781	44.92 -3.91 0.00	44.38 -3.91 0.00	42.71 -3.61 0.00	44.07 -3.78 0.00	45.63 -3.86 0.00	51.29 -3.68 0.00	66.26 -5.45 0.00	67.77 -5.81 0.00	61.78 -5.44 0.00	62.39 -5.20 0.00	59.17 -4.05 0.00	57.54 -3.48 0.00	56.48 -3.48 0.00	53.28 -3.89 0.00	53.22 -3.94 0.00	57.82 -4.09 0.00	61.67 -5.51 0.00	76.80 -4.99 0.00	80.55 -4.60 0.00	72.21 -5.19 0.00	64.13 -4.90 0.00	57.29 -3.98 0.00	54.01 -3.69 0.00	55.67 -3.49 0.00
INDIAN POINT_GT_1 24139	51.17 2.34 0.00	50.46 2.17 0.00	48.45 2.13 0.00	49.81 1.96 0.00	51.37 1.88 0.00	56.79 1.81 0.00	74.44 2.73 0.00	76.31 2.72 0.00	69.64 2.42 0.00	70.09 2.50 0.00	65.24 2.02 0.00	62.90 1.89 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.94 1.77 0.00	63.71 1.80 0.00	69.33 2.15 0.00	84.24 2.45 0.00	87.87 2.72 0.00	79.95 2.55 0.00	71.31 2.28 0.00	63.35 2.08 0.00	59.73 2.02 0.00	60.99 1.83 0.00
INDIAN POINT_GT_2 23659	51.17 2.34 0.00	50.46 2.17 0.00	48.45 2.13 0.00	49.81 1.96 0.00	51.37 1.88 0.00	56.79 1.81 0.00	74.44 2.73 0.00	76.31 2.72 0.00	69.64 2.42 0.00	70.09 2.50 0.00	65.24 2.02 0.00	62.90 1.89 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.94 1.77 0.00	63.71 1.80 0.00	69.33 2.15 0.00	84.24 2.45 0.00	87.87 2.72 0.00	79.95 2.55 0.00	71.31 2.28 0.00	63.35 2.08 0.00	59.73 2.02 0.00	60.99 1.83 0.00
INDIAN POINT_GT_3 24019	51.17 2.34 0.00	50.46 2.17 0.00	48.45 2.13 0.00	49.81 1.96 0.00	51.37 1.88 0.00	56.79 1.81 0.00	74.44 2.73 0.00	76.31 2.72 0.00	69.64 2.42 0.00	70.09 2.50 0.00	65.24 2.02 0.00	62.90 1.89 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.94 1.77 0.00	63.71 1.80 0.00	69.33 2.15 0.00	84.24 2.45 0.00	87.87 2.72 0.00	79.95 2.55 0.00	71.31 2.28 0.00	63.35 2.08 0.00	59.73 2.02 0.00	60.99 1.83 0.00
INDIAN POINT___2 23530	51.08 2.25 0.00	50.41 2.12 0.00	48.35 2.04 0.00	49.71 1.86 0.00	51.27 1.78 0.00	56.68 1.71 0.00	74.29 2.58 0.00	76.09 2.50 0.00	69.51 2.29 0.00	69.82 2.23 0.00	65.06 1.83 0.00	62.72 1.71 0.00	61.64 1.68 0.00	58.82 1.66 0.00	58.82 1.66 0.00	63.58 1.67 0.00	69.13 1.95 0.00	84.00 2.21 0.00	87.70 2.55 0.00	79.72 2.32 0.00	71.18 2.14 0.00	63.11 1.84 0.00	59.61 1.90 0.00	60.88 1.72 0.00
INDIAN POINT___3 23531	51.12 2.29 0.00	50.41 2.12 0.00	48.40 2.08 0.00	49.76 1.91 0.00	51.32 1.83 0.00	56.73 1.76 0.00	74.37 2.65 0.00	76.16 2.58 0.00	69.51 2.29 0.00	69.96 2.37 0.00	65.12 1.90 0.00	62.78 1.77 0.00	61.64 1.68 0.00	58.88 1.71 0.00	58.82 1.66 0.00	63.64 1.73 0.00	69.19 2.02 0.00	84.08 2.29 0.00	87.70 2.55 0.00	79.80 2.40 0.00	71.17 2.14 0.00	63.23 1.96 0.00	59.61 1.90 0.00	60.88 1.72 0.00
INGHAM_C_115KV_TB7 356103	50.20 1.37 0.00	49.69 1.40 0.00	47.71 1.39 0.00	49.38 1.53 0.00	51.17 1.68 0.00	56.95 1.98 0.00	74.15 2.44 0.00	76.16 2.58 0.00	69.58 2.35 0.00	70.03 2.43 0.00	65.62 2.40 0.00	63.33 2.32 0.00	62.24 2.28 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.14 2.23 0.00	69.60 2.42 0.00	84.65 2.86 0.00	88.21 3.07 0.00	79.88 2.48 0.00	71.10 2.07 0.00	63.23 1.96 0.00	59.55 1.85 0.00	61.05 1.89 0.00
IP CORINTH___1 23988	53.81 4.98 0.00	53.31 5.02 0.00	51.00 4.68 0.00	52.59 4.74 0.00	54.39 4.90 0.00	60.63 5.66 0.00	79.68 7.96 0.00	81.68 8.09 0.00	74.28 7.06 0.00	74.69 7.10 0.00	69.42 6.20 0.00	66.99 5.98 0.00	65.54 5.58 0.00	62.42 5.26 0.00	62.71 5.54 0.00	67.67 5.76 0.00	73.49 6.31 0.00	89.15 7.36 0.00	93.07 7.92 0.00	84.60 7.20 0.00	75.32 6.28 0.00	67.15 5.88 0.00	62.96 5.25 0.00	64.43 5.27 0.00

IP___TICONDEROGA 23804	55.47 6.64 0.00	55.00 6.71 0.00	52.57 6.25 0.00	54.21 6.36 0.00	56.07 6.58 0.00	62.67 7.70 0.00	82.69 10.97 0.00	84.85 11.26 0.00	76.90 9.68 0.00	77.19 9.60 0.00	71.82 8.60 0.00	69.31 8.30 0.00	67.64 7.68 0.00	64.42 7.26 0.00	64.82 7.66 0.00	70.14 8.23 0.00	76.25 9.07 0.00	92.34 10.55 0.00	96.56 11.41 0.00	87.69 10.29 0.00	78.01 8.97 0.00	69.48 8.21 0.00	64.98 7.27 0.00	66.38 7.22 0.00
ISLIP_RES_REC 323679	71.49 4.20 -18.46	62.73 3.96 -10.49	58.63 3.84 -8.47	51.48 3.63 0.00	53.15 3.66 0.00	77.14 3.96 -18.20	92.62 5.66 -15.24	97.87 5.74 -18.54	89.56 5.25 -17.09	81.02 5.07 -8.35	74.78 4.80 -6.76	72.53 4.58 -6.94	75.82 4.50 -11.36	75.32 4.34 -13.81	78.12 4.29 -16.67	81.89 4.65 -15.34	91.94 5.10 -19.65	103.81 6.30 -15.73	106.96 6.81 -15.00	103.54 6.11 -20.03	96.87 5.52 -22.31	87.94 4.72 -21.96	71.75 4.56 -9.48	68.62 4.38 -5.08
JAMAICA__27_KV_LOAD 355505	51.47 2.64 0.00	50.65 2.37 0.00	48.59 2.27 0.00	49.86 2.01 0.00	51.32 1.83 0.00	56.89 1.92 0.00	74.80 3.08 0.00	76.90 3.31 0.00	70.38 3.16 0.00	70.90 3.31 0.00	65.88 2.66 0.00	63.51 2.50 0.00	62.36 2.40 0.00	59.57 2.40 0.00	59.51 2.34 0.00	64.39 2.48 0.00	70.07 2.89 0.00	85.14 3.35 0.00	88.90 3.75 0.00	80.81 3.41 0.00	72.21 3.18 0.00	63.90 2.63 0.00	60.07 2.37 0.00	61.05 1.89 0.00
JANIS___SOLAR 323808	50.44 1.61 0.00	49.78 1.50 0.00	47.66 1.34 0.00	49.33 1.48 0.00	51.12 1.63 0.00	57.06 2.09 0.00	74.80 3.08 0.00	76.97 3.39 0.00	70.32 3.09 0.00	70.30 2.71 0.00	65.75 2.53 0.00	63.33 2.32 0.00	62.00 2.04 0.00	59.05 1.88 0.00	59.22 2.05 0.00	64.45 2.54 0.00	70.07 2.89 0.00	86.36 4.58 0.00	90.52 5.37 0.00	81.50 4.10 0.00	72.48 3.45 0.00	64.09 2.82 0.00	60.07 2.37 0.00	61.59 2.43 0.00
JARVIS____ 23743	49.12 0.29 0.00	48.58 0.29 0.00	46.60 0.28 0.00	48.14 0.29 0.00	49.74 0.25 0.00	55.25 0.28 0.00	72.08 0.36 0.00	73.96 0.37 0.00	67.56 0.34 0.00	67.93 0.34 0.00	63.54 0.32 0.00	61.26 0.25 0.00	60.20 0.24 0.00	57.39 0.23 0.00	57.39 0.23 0.00	62.16 0.25 0.00	67.45 0.27 0.00	82.12 0.33 0.00	85.66 0.51 0.00	77.79 0.39 0.00	69.31 0.28 0.00	61.52 0.25 0.00	57.94 0.23 0.00	59.40 0.24 0.00
JENNISON___1 23625	50.88 2.05 0.00	50.22 1.93 0.00	48.08 1.76 0.00	49.76 1.91 0.00	51.52 2.03 0.00	57.39 2.42 0.00	75.30 3.59 0.00	77.34 3.75 0.00	70.79 3.56 0.00	70.63 3.04 0.00	66.19 2.97 0.00	63.76 2.75 0.00	62.48 2.52 0.00	59.51 2.34 0.00	59.74 2.57 0.00	64.88 2.97 0.00	70.47 3.29 0.00	86.78 4.99 0.00	90.85 5.70 0.00	81.89 4.49 0.00	72.83 3.80 0.00	64.33 3.06 0.00	60.48 2.77 0.00	62.00 2.84 0.00
JENNISON___2 23626	50.88 2.05 0.00	50.22 1.93 0.00	48.08 1.76 0.00	49.76 1.91 0.00	51.52 2.03 0.00	57.39 2.42 0.00	75.30 3.59 0.00	77.34 3.75 0.00	70.79 3.56 0.00	70.63 3.04 0.00	66.19 2.97 0.00	63.76 2.75 0.00	62.48 2.52 0.00	59.51 2.34 0.00	59.74 2.57 0.00	64.88 2.97 0.00	70.47 3.29 0.00	86.78 4.99 0.00	90.85 5.70 0.00	81.89 4.49 0.00	72.83 3.80 0.00	64.33 3.06 0.00	60.48 2.77 0.00	62.00 2.84 0.00
JERICHO_RISE_WT_PWR 323719	47.80 -1.03 0.00	47.37 -0.92 0.00	45.58 -0.74 0.00	47.52 -0.33 0.00	49.39 -0.10 0.00	55.36 0.39 0.00	72.15 0.43 0.00	74.40 0.81 0.00	68.10 0.87 0.00	68.67 1.08 0.00	64.36 1.14 0.00	62.23 1.22 0.00	61.58 1.62 0.00	58.82 1.66 0.00	58.82 1.66 0.00	63.83 1.92 0.00	69.26 2.08 0.00	83.34 1.55 0.00	85.83 0.68 0.00	78.79 1.39 0.00	70.41 1.38 0.00	62.43 1.16 0.00	58.75 1.04 0.00	60.52 1.36 0.00
KATONAH___115KV_46KV_TB4 355592	51.61 2.78 0.00	50.94 2.66 0.00	48.87 2.55 0.00	50.24 2.39 0.00	51.87 2.38 0.00	57.50 2.53 0.00	75.37 3.66 0.00	77.12 3.53 0.00	70.59 3.36 0.00	70.90 3.31 0.00	66.07 2.84 0.00	63.70 2.68 0.00	62.48 2.52 0.00	59.62 2.46 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.13 2.96 0.00	85.22 3.44 0.00	88.90 3.75 0.00	80.96 3.56 0.00	72.21 3.18 0.00	64.09 2.82 0.00	60.42 2.71 0.00	61.65 2.48 0.00
KCE_NY_1 323755	52.44 3.61 0.00	51.91 3.62 0.00	49.75 3.43 0.00	51.30 3.45 0.00	53.01 3.51 0.00	58.93 3.96 0.00	77.16 5.45 0.00	79.11 5.52 0.00	72.00 4.77 0.00	72.32 4.73 0.00	67.46 4.24 0.00	65.10 4.09 0.00	63.80 3.84 0.00	60.83 3.66 0.00	60.99 3.83 0.00	66.12 4.21 0.00	71.81 4.63 0.00	87.10 5.31 0.00	91.02 5.87 0.00	82.67 5.27 0.00	73.66 4.63 0.00	65.56 4.29 0.00	61.57 3.87 0.00	63.00 3.84 0.00
KCE_NY_6_ESR 323823	45.70 -3.13 0.00	45.15 -3.14 0.00	43.49 -2.83 0.00	44.93 -2.92 0.00	46.47 -3.02 0.00	52.22 -2.75 0.00	67.63 -4.08 0.00	69.17 -4.41 0.00	62.99 -4.23 0.00	63.60 -3.99 0.00	60.25 -2.97 0.00	58.57 -2.44 0.00	57.50 -2.46 0.00	54.25 -2.91 0.00	54.13 -3.03 0.00	58.88 -3.03 0.00	62.74 -4.44 0.00	78.19 -3.60 0.00	81.91 -3.24 0.00	73.53 -3.87 0.00	65.24 -3.80 0.00	58.27 -3.00 0.00	54.94 -2.77 0.00	56.62 -2.54 0.00
KEDC_PORT_JEFF_GT2 24210	71.30 4.00 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.16 4.84 -17.09	80.67 4.73 -8.35	74.40 4.42 -6.76	72.16 4.21 -6.94	75.46 4.13 -11.36	74.98 4.00 -13.81	77.78 3.94 -16.67	81.52 4.27 -15.34	91.53 4.70 -19.65	103.24 5.72 -15.73	106.45 6.30 -15.00	103.07 5.65 -20.03	96.45 5.11 -22.31	87.64 4.41 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
KEDC_PORT_JEFF_GT3 24211	71.30 4.00 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.16 4.84 -17.09	80.67 4.73 -8.35	74.40 4.42 -6.76	72.16 4.21 -6.94	75.46 4.13 -11.36	74.98 4.00 -13.81	77.78 3.94 -16.67	81.52 4.27 -15.34	91.53 4.70 -19.65	103.24 5.72 -15.73	106.45 6.30 -15.00	103.07 5.65 -20.03	96.45 5.11 -22.31	87.64 4.41 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
KEDC_GLWD_GT4 24219	70.81 3.52 -18.46	62.10 3.33 -10.49	57.94 3.15 -8.47	50.87 3.02 0.00	52.46 2.97 0.00	76.25 3.08 -18.20	91.47 4.52 -15.24	96.69 4.56 -18.54	88.48 4.17 -17.09	80.07 4.12 -8.35	73.39 3.41 -6.76	71.18 3.23 -6.94	74.50 3.18 -11.36	74.06 3.08 -13.81	76.86 3.03 -16.67	80.40 3.16 -15.34	90.39 3.56 -19.65	101.76 4.25 -15.73	104.91 4.77 -15.00	101.68 4.25 -20.03	95.14 3.79 -22.31	86.53 3.31 -21.96	70.42 3.23 -9.48	67.49 3.25 -5.08
KEDC_GLWD_GT5 24220	70.81 3.52 -18.46	62.10 3.33 -10.49	57.94 3.15 -8.47	50.87 3.02 0.00	52.46 2.97 0.00	76.25 3.08 -18.20	91.47 4.52 -15.24	96.69 4.56 -18.54	88.48 4.17 -17.09	80.07 4.12 -8.35	73.39 3.41 -6.76	71.18 3.23 -6.94	74.50 3.18 -11.36	74.06 3.08 -13.81	76.86 3.03 -16.67	80.40 3.16 -15.34	90.39 3.56 -19.65	101.76 4.25 -15.73	104.91 4.77 -15.00	101.68 4.25 -20.03	95.14 3.79 -22.31	86.53 3.31 -21.96	70.42 3.23 -9.48	67.49 3.25 -5.08

KENSICO____ 23655	51.32 2.49 0.00	50.60 2.32 0.00	48.59 2.27 0.00	49.95 2.11 0.00	51.52 2.03 0.00	56.95 1.98 0.00	74.73 3.01 0.00	76.53 2.94 0.00	69.91 2.69 0.00	70.36 2.77 0.00	65.50 2.28 0.00	63.15 2.14 0.00	62.00 2.04 0.00	59.22 2.06 0.00	59.16 2.00 0.00	63.95 2.04 0.00	69.60 2.42 0.00	84.49 2.70 0.00	88.21 3.07 0.00	80.19 2.79 0.00	71.59 2.55 0.00	63.60 2.33 0.00	59.96 2.25 0.00	61.17 2.01 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.47 2.64 0.00	50.80 2.51 0.00	48.68 2.36 0.00	50.05 2.20 0.00	51.77 2.28 0.00	57.33 2.36 0.00	75.16 3.44 0.00	76.75 3.16 0.00	70.18 2.96 0.00	70.36 2.77 0.00	65.56 2.34 0.00	63.03 2.01 0.00	61.94 1.98 0.00	59.16 2.00 0.00	59.11 1.94 0.00	64.08 2.17 0.00	69.87 2.69 0.00	85.14 3.35 0.00	88.98 3.83 0.00	81.04 3.64 0.00	72.21 3.18 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.47 2.31 0.00
KIAC_JFK_GT1 23816	51.17 2.34 0.00	50.36 2.08 0.00	48.36 2.04 0.00	49.62 1.77 0.00	51.08 1.58 0.00	56.57 1.59 0.00	74.08 2.37 0.00	76.16 2.58 0.00	69.71 2.49 0.00	70.23 2.64 0.00	65.24 2.02 0.00	62.90 1.89 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.94 1.77 0.00	63.77 1.86 0.00	69.40 2.22 0.00	84.24 2.45 0.00	88.04 2.90 0.00	79.95 2.55 0.00	71.45 2.42 0.00	63.29 2.02 0.00	59.50 1.79 0.00	60.46 1.30 0.00
KIAC_JFK_GT2 23817	51.17 2.34 0.00	50.36 2.08 0.00	48.36 2.04 0.00	49.62 1.77 0.00	51.08 1.58 0.00	56.57 1.59 0.00	74.08 2.37 0.00	76.16 2.58 0.00	69.71 2.49 0.00	70.23 2.64 0.00	65.24 2.02 0.00	62.90 1.89 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.94 1.77 0.00	63.77 1.86 0.00	69.40 2.22 0.00	84.24 2.45 0.00	88.04 2.90 0.00	79.95 2.55 0.00	71.45 2.42 0.00	63.29 2.02 0.00	59.50 1.79 0.00	60.46 1.30 0.00
KIAC_JFK____ 323774	51.17 2.34 0.00	50.36 2.07 0.00	48.26 1.95 0.00	49.62 1.77 0.00	51.08 1.58 0.00	56.57 1.60 0.00	74.08 2.36 0.00	76.16 2.57 0.00	69.71 2.49 0.00	70.09 2.50 0.00	65.24 2.02 0.00	62.91 1.89 0.00	61.76 1.80 0.00	58.94 1.77 0.00	58.94 1.77 0.00	63.77 1.86 0.00	69.33 2.15 0.00	84.24 2.45 0.00	88.05 2.90 0.00	79.95 2.55 0.00	71.45 2.41 0.00	63.17 1.90 0.00	59.50 1.79 0.00	60.46 1.30 0.00
KINTIGH____ 23543	44.73 -4.10 0.00	44.13 -4.15 0.00	42.34 -3.98 0.00	43.83 -4.02 0.00	45.38 -4.11 0.00	50.79 -4.18 0.00	65.62 -6.10 0.00	67.19 -6.40 0.00	61.17 -6.05 0.00	61.44 -6.15 0.00	58.42 -4.80 0.00	56.62 -4.39 0.00	55.59 -4.38 0.00	52.42 -4.74 0.00	52.48 -4.69 0.00	56.96 -4.95 0.00	60.93 -6.25 0.00	75.74 -6.05 0.00	79.19 -5.96 0.00	71.29 -6.11 0.00	63.30 -5.73 0.00	56.18 -5.09 0.00	53.26 -4.44 0.00	54.90 -4.26 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.90 -0.93 0.00	47.56 -0.72 0.00	45.86 -0.46 0.00	48.09 0.24 0.00	50.14 0.64 0.00	56.57 1.59 0.00	73.36 1.65 0.00	75.87 2.28 0.00	69.44 2.22 0.00	70.09 2.50 0.00	65.75 2.53 0.00	63.64 2.62 0.00	63.14 3.18 0.00	60.25 3.09 0.00	60.25 3.09 0.00	65.50 3.59 0.00	71.08 3.90 0.00	84.98 3.19 0.00	87.53 2.38 0.00	80.42 3.02 0.00	72.14 3.11 0.00	63.90 2.63 0.00	60.07 2.37 0.00	62.30 3.14 0.00
LACHUTE__HYDRO 323717	55.47 6.64 0.00	54.99 6.71 0.00	52.57 6.25 0.00	54.21 6.36 0.00	56.07 6.58 0.00	62.67 7.70 0.00	82.69 10.97 0.00	84.85 11.26 0.00	76.91 9.68 0.00	77.19 9.59 0.00	71.82 8.60 0.00	69.31 8.30 0.00	67.64 7.68 0.00	64.42 7.26 0.00	64.83 7.66 0.00	70.15 8.24 0.00	76.24 9.07 0.00	92.34 10.55 0.00	96.56 11.41 0.00	87.69 10.30 0.00	78.00 8.97 0.00	69.48 8.21 0.00	64.98 7.27 0.00	66.38 7.22 0.00
LAWRNCV_115KV_TB1 80681	49.27 0.44 0.00	48.72 0.43 0.00	46.74 0.42 0.00	48.61 0.77 0.00	50.18 0.69 0.00	58.05 3.08 0.00	75.44 3.73 0.00	77.56 3.97 0.00	70.79 3.56 0.00	71.17 3.58 0.00	67.20 3.98 0.00	65.47 4.45 0.00	65.48 5.52 0.00	63.05 5.89 0.00	62.99 5.83 0.00	68.53 6.62 0.00	73.83 6.65 0.00	83.75 1.96 0.00	85.83 0.68 0.00	79.02 1.63 0.00	70.62 1.59 0.00	62.99 1.72 0.00	59.50 1.79 0.00	61.17 2.01 0.00
LEDERLE____ 23769	51.17 2.34 0.00	50.51 2.22 0.00	48.45 2.13 0.00	49.81 1.96 0.00	51.37 1.88 0.00	56.79 1.81 0.00	74.37 2.65 0.00	76.16 2.58 0.00	69.58 2.35 0.00	69.96 2.37 0.00	65.12 1.90 0.00	62.78 1.77 0.00	61.64 1.68 0.00	58.94 1.77 0.00	58.88 1.71 0.00	63.64 1.73 0.00	69.19 2.02 0.00	84.16 2.37 0.00	87.79 2.64 0.00	79.88 2.48 0.00	71.31 2.28 0.00	63.29 2.02 0.00	59.73 2.02 0.00	60.99 1.83 0.00
LIGHTHSE_115KV_TB6 355974	49.02 0.20 0.00	48.38 0.10 0.00	46.27 -0.05 0.00	47.90 0.05 0.00	49.54 0.05 0.00	55.25 0.27 0.00	72.15 0.43 0.00	77.19 3.61 0.00	70.59 3.36 0.00	70.70 3.11 0.00	66.83 3.60 0.00	64.37 3.36 0.00	63.20 3.24 0.00	60.37 3.20 0.00	60.37 3.20 0.00	65.81 3.90 0.00	71.14 3.96 0.00	86.20 4.42 0.00	90.09 4.94 0.00	81.35 3.95 0.00	72.35 3.31 0.00	64.27 3.00 0.00	60.25 2.54 0.00	61.70 2.54 0.00
LINDEN COGEN____ 23786	51.08 2.25 0.00	50.31 2.03 0.00	48.31 1.99 0.00	49.67 1.82 0.00	51.18 1.68 0.00	54.02 1.54 2.49	71.33 2.58 2.96	71.26 2.57 4.90	54.47 2.42 15.17	52.54 2.43 17.48	53.09 2.02 12.15	53.09 1.89 9.82	53.09 1.80 8.67	53.09 1.77 5.85	53.09 1.77 5.85	53.09 1.80 10.62	53.09 2.08 16.17	63.29 2.29 20.78	68.69 2.72 19.18	68.16 2.40 11.64	61.74 2.21 9.50	57.25 1.90 5.92	53.09 1.96 6.58	53.09 1.65 7.72
LINDHRST_69_KV_BK1 356055	71.15 3.86 -18.46	62.44 3.67 -10.49	58.35 3.57 -8.47	51.20 3.35 0.00	52.86 3.37 0.00	76.69 3.52 -18.20	92.04 5.09 -15.24	97.28 5.15 -18.54	89.02 4.71 -17.09	80.61 4.66 -8.35	74.15 4.17 -6.76	71.92 3.97 -6.94	75.22 3.90 -11.36	74.81 3.83 -13.81	77.61 3.77 -16.67	81.27 4.02 -15.34	91.33 4.50 -19.65	102.83 5.32 -15.73	105.93 5.79 -15.00	102.69 5.26 -20.03	96.11 4.76 -22.31	87.45 4.23 -21.96	71.17 3.98 -9.48	68.03 3.79 -5.08
LIPA_MISC_IPP 23656	71.05 3.76 -18.46	62.34 3.57 -10.49	58.26 3.47 -8.47	51.10 3.25 0.00	52.76 3.27 0.00	76.64 3.46 -18.20	91.90 4.95 -15.24	97.13 5.00 -18.54	88.82 4.50 -17.09	80.41 4.46 -8.35	74.09 4.11 -6.76	71.86 3.90 -6.94	75.16 3.84 -11.36	74.75 3.77 -13.81	77.49 3.66 -16.67	81.21 3.96 -15.34	91.27 4.43 -19.65	102.83 5.32 -15.73	105.93 5.79 -15.00	102.69 5.26 -20.03	96.11 4.76 -22.31	87.39 4.17 -21.96	71.23 4.04 -9.48	68.09 3.85 -5.08
LISF__SOLAR 323691	71.15 3.86 -18.46	62.44 3.67 -10.49	58.30 3.52 -8.47	51.15 3.30 0.00	52.81 3.32 0.00	76.75 3.57 -18.20	92.04 5.09 -15.24	97.28 5.15 -18.54	88.95 4.63 -17.09	80.47 4.53 -8.35	74.21 4.24 -6.76	71.98 4.03 -6.94	75.28 3.96 -11.36	74.81 3.83 -13.81	77.61 3.77 -16.67	81.33 4.09 -15.34	91.40 4.57 -19.65	103.08 5.56 -15.73	106.19 6.05 -15.00	102.84 5.42 -20.03	96.25 4.90 -22.31	87.45 4.22 -21.96	71.35 4.16 -9.48	68.20 3.96 -5.08

LITTLE FALLS___HYD 24013	50.20 1.37 0.00	49.69 1.40 0.00	47.71 1.39 0.00	49.38 1.53 0.00	51.17 1.68 0.00	56.95 1.98 0.00	74.15 2.44 0.00	76.16 2.58 0.00	69.58 2.35 0.00	70.03 2.43 0.00	65.62 2.40 0.00	63.33 2.32 0.00	62.24 2.28 0.00	59.28 2.12 0.00	59.28 2.12 0.00	64.14 2.23 0.00	69.60 2.42 0.00	84.65 2.86 0.00	88.21 3.07 0.00	79.88 2.48 0.00	71.10 2.07 0.00	63.23 1.96 0.00	59.55 1.85 0.00	61.05 1.89 0.00
LITTLRIV_115KV_TB1 356100	49.81 0.98 0.00	49.25 0.97 0.00	47.20 0.88 0.00	49.14 1.29 0.00	50.73 1.24 0.00	57.99 3.02 0.00	75.44 3.73 0.00	77.49 3.90 0.00	70.79 3.56 0.00	71.11 3.51 0.00	66.95 3.73 0.00	65.10 4.09 0.00	65.00 5.04 0.00	62.42 5.26 0.00	62.42 5.26 0.00	67.92 6.01 0.00	73.29 6.11 0.00	84.90 3.11 0.00	87.02 1.87 0.00	80.03 2.63 0.00	71.45 2.42 0.00	63.66 2.39 0.00	60.19 2.48 0.00	61.88 2.72 0.00
LI_NEWBRDGE___DRP 323616	70.42 3.13 -18.46	61.72 2.95 -10.49	57.66 2.87 -8.47	50.53 2.68 0.00	52.11 2.62 0.00	75.87 2.69 -18.20	90.90 3.94 -15.24	96.10 3.97 -18.54	87.94 3.63 -17.09	79.59 3.65 -8.35	73.08 3.10 -6.76	70.94 2.99 -6.94	74.20 2.88 -11.36	73.84 2.86 -13.81	76.64 2.80 -16.67	80.16 2.91 -15.34	90.13 3.29 -19.65	101.36 3.84 -15.73	104.32 4.17 -15.00	101.30 3.87 -20.03	94.87 3.52 -22.31	86.35 3.12 -21.96	70.19 3.00 -9.48	67.02 2.78 -5.08
LOCKPORT_115KV_TB60_63_64 80432	44.58 -4.25 0.00	43.94 -4.35 0.00	42.20 -4.12 0.00	43.69 -4.16 0.00	45.24 -4.26 0.00	50.85 -4.12 0.00	65.62 -6.10 0.00	67.11 -6.48 0.00	61.17 -6.05 0.00	61.37 -6.22 0.00	58.67 -4.55 0.00	56.99 -4.03 0.00	55.95 -4.02 0.00	52.59 -4.57 0.00	52.71 -4.46 0.00	57.27 -4.64 0.00	61.00 -6.18 0.00	76.14 -5.64 0.00	79.70 -5.45 0.00	71.59 -5.80 0.00	63.58 -5.45 0.00	56.43 -4.84 0.00	53.55 -4.15 0.00	55.26 -3.90 0.00
LOCKPORT___CC1 323769	44.48 -4.35 0.00	43.94 -4.35 0.00	42.29 -4.03 0.00	43.64 -4.21 0.00	45.19 -4.31 0.00	50.74 -4.23 0.00	65.48 -6.24 0.00	66.96 -6.62 0.00	61.04 -6.18 0.00	61.64 -5.95 0.00	58.61 -4.61 0.00	56.93 -4.09 0.00	55.88 -4.08 0.00	52.71 -4.46 0.00	52.65 -4.52 0.00	57.20 -4.71 0.00	61.07 -6.11 0.00	76.06 -5.73 0.00	79.70 -5.45 0.00	71.51 -5.89 0.00	63.51 -5.53 0.00	56.74 -4.53 0.00	53.50 -4.21 0.00	55.20 -3.96 0.00
LOCKPORT___CC2 323770	44.48 -4.35 0.00	43.94 -4.35 0.00	42.29 -4.03 0.00	43.64 -4.21 0.00	45.19 -4.31 0.00	50.74 -4.23 0.00	65.48 -6.24 0.00	66.96 -6.62 0.00	61.04 -6.18 0.00	61.64 -5.95 0.00	58.61 -4.61 0.00	56.93 -4.09 0.00	55.88 -4.08 0.00	52.71 -4.46 0.00	52.65 -4.52 0.00	57.20 -4.71 0.00	61.07 -6.11 0.00	76.06 -5.73 0.00	79.70 -5.45 0.00	71.51 -5.89 0.00	63.51 -5.53 0.00	56.74 -4.53 0.00	53.50 -4.21 0.00	55.20 -3.96 0.00
LOCKPORT___CC3 323771	44.48 -4.35 0.00	43.94 -4.35 0.00	42.29 -4.03 0.00	43.64 -4.21 0.00	45.19 -4.31 0.00	50.74 -4.23 0.00	65.48 -6.24 0.00	66.96 -6.62 0.00	61.04 -6.18 0.00	61.64 -5.95 0.00	58.61 -4.61 0.00	56.93 -4.09 0.00	55.88 -4.08 0.00	52.71 -4.46 0.00	52.65 -4.52 0.00	57.20 -4.71 0.00	61.07 -6.11 0.00	76.06 -5.73 0.00	79.70 -5.45 0.00	71.51 -5.89 0.00	63.51 -5.53 0.00	56.74 -4.53 0.00	53.50 -4.21 0.00	55.20 -3.96 0.00
LONG_LAKE_PHOENIX 24014	48.59 -0.24 0.00	47.95 -0.34 0.00	45.90 -0.42 0.00	47.42 -0.43 0.00	49.10 -0.40 0.00	54.70 -0.27 0.00	71.36 -0.36 0.00	74.03 0.44 0.00	67.69 0.47 0.00	67.93 0.34 0.00	63.85 0.63 0.00	61.56 0.55 0.00	60.32 0.36 0.00	57.51 0.34 0.00	57.45 0.29 0.00	62.41 0.50 0.00	67.58 0.40 0.00	82.52 0.74 0.00	86.26 1.11 0.00	78.02 0.62 0.00	69.52 0.48 0.00	61.64 0.37 0.00	57.82 0.12 0.00	59.22 0.06 0.00
LOVETT___3 23632	50.98 2.15 0.00	50.31 2.03 0.00	48.31 1.99 0.00	49.62 1.77 0.00	51.17 1.68 0.00	56.57 1.59 0.00	74.08 2.37 0.00	75.79 2.21 0.00	69.24 2.02 0.00	69.69 2.10 0.00	64.80 1.58 0.00	62.54 1.53 0.00	61.40 1.44 0.00	58.71 1.54 0.00	58.65 1.49 0.00	63.40 1.49 0.00	68.93 1.75 0.00	83.75 1.96 0.00	87.45 2.30 0.00	79.49 2.09 0.00	70.97 1.93 0.00	62.99 1.72 0.00	59.50 1.79 0.00	60.82 1.66 0.00
LOVETT___4 23642	50.98 2.15 0.00	50.31 2.03 0.00	48.31 1.99 0.00	49.62 1.77 0.00	51.17 1.68 0.00	56.57 1.59 0.00	74.08 2.37 0.00	75.79 2.21 0.00	69.24 2.02 0.00	69.69 2.10 0.00	64.80 1.58 0.00	62.54 1.53 0.00	61.40 1.44 0.00	58.71 1.54 0.00	58.65 1.49 0.00	63.40 1.49 0.00	68.93 1.75 0.00	83.75 1.96 0.00	87.45 2.30 0.00	79.49 2.09 0.00	70.97 1.93 0.00	62.99 1.72 0.00	59.50 1.79 0.00	60.82 1.66 0.00
LOVETT___5 23593	50.98 2.15 0.00	50.31 2.03 0.00	48.31 1.99 0.00	49.62 1.77 0.00	51.17 1.68 0.00	56.57 1.59 0.00	74.08 2.37 0.00	75.79 2.21 0.00	69.24 2.02 0.00	69.69 2.10 0.00	64.80 1.58 0.00	62.54 1.53 0.00	61.40 1.44 0.00	58.71 1.54 0.00	58.65 1.49 0.00	63.40 1.49 0.00	68.93 1.75 0.00	83.75 1.96 0.00	87.45 2.30 0.00	79.49 2.09 0.00	70.97 1.93 0.00	62.99 1.72 0.00	59.50 1.79 0.00	60.82 1.66 0.00
LOWER RAQUET___HYD 24057	49.27 0.44 0.00	48.72 0.43 0.00	46.73 0.42 0.00	48.61 0.76 0.00	50.18 0.69 0.00	57.77 2.80 0.00	75.02 3.30 0.00	77.12 3.53 0.00	70.45 3.23 0.00	70.77 3.18 0.00	66.82 3.60 0.00	65.10 4.09 0.00	65.18 5.21 0.00	62.77 5.61 0.00	62.71 5.54 0.00	68.16 6.25 0.00	73.43 6.25 0.00	83.75 1.96 0.00	85.49 0.34 0.00	78.95 1.55 0.00	70.55 1.52 0.00	62.98 1.71 0.00	59.55 1.85 0.00	61.23 2.07 0.00
LOWER___HUDSON 24059	51.51 2.68 0.00	50.94 2.65 0.00	48.82 2.50 0.00	50.34 2.49 0.00	52.01 2.52 0.00	57.66 2.69 0.00	75.30 3.58 0.00	77.19 3.60 0.00	70.38 3.16 0.00	70.70 3.11 0.00	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.56 2.40 0.00	59.62 2.46 0.00	64.57 2.66 0.00	70.13 2.95 0.00	85.14 3.35 0.00	88.89 3.74 0.00	80.80 3.40 0.00	72.07 3.03 0.00	64.03 2.76 0.00	60.31 2.60 0.00	61.70 2.54 0.00
LOWVILLE_115KV_TB2 356335	50.34 1.51 0.00	49.64 1.35 0.00	47.43 1.11 0.00	49.19 1.34 0.00	50.88 1.39 0.00	57.17 2.20 0.00	75.01 3.30 0.00	77.86 4.27 0.00	71.12 3.90 0.00	71.31 3.72 0.00	66.95 3.73 0.00	64.61 3.60 0.00	63.68 3.72 0.00	60.99 3.83 0.00	60.99 3.83 0.00	66.37 4.46 0.00	71.95 4.77 0.00	86.45 4.66 0.00	89.92 4.77 0.00	81.42 4.02 0.00	72.42 3.38 0.00	64.15 2.88 0.00	60.36 2.65 0.00	61.88 2.72 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	52.44 3.61 0.00	51.91 3.62 0.00	49.70 3.38 0.00	51.25 3.40 0.00	52.96 3.46 0.00	58.87 3.90 0.00	77.09 5.38 0.00	79.03 5.45 0.00	71.93 4.71 0.00	72.32 4.73 0.00	67.39 4.17 0.00	65.04 4.03 0.00	63.74 3.78 0.00	60.77 3.60 0.00	60.94 3.77 0.00	66.06 4.15 0.00	71.75 4.57 0.00	87.10 5.32 0.00	90.85 5.70 0.00	82.59 5.19 0.00	73.66 4.63 0.00	65.50 4.23 0.00	61.52 3.81 0.00	62.95 3.79 0.00

LUTHERNY_35_KV_BK2 355980	52.44 3.61 0.00	51.91 3.62 0.00	49.75 3.43 0.00	51.29 3.45 0.00	53.01 3.51 0.00	58.93 3.96 0.00	77.17 5.45 0.00	79.11 5.52 0.00	72.00 4.77 0.00	72.32 4.73 0.00	67.46 4.24 0.00	65.10 4.09 0.00	63.80 3.84 0.00	60.82 3.66 0.00	60.99 3.83 0.00	66.12 4.21 0.00	71.81 4.64 0.00	87.10 5.32 0.00	90.94 5.79 0.00	82.66 5.26 0.00	73.66 4.63 0.00	65.56 4.29 0.00	61.57 3.87 0.00	63.01 3.85 0.00
LWR___OSWEGATCHIE_HYD 23850	49.66 0.83 0.00	49.01 0.72 0.00	46.92 0.60 0.00	48.71 0.86 0.00	50.33 0.84 0.00	57.33 2.36 0.00	74.80 3.08 0.00	77.49 3.90 0.00	70.72 3.50 0.00	70.97 3.38 0.00	66.89 3.67 0.00	64.86 3.84 0.00	64.40 4.44 0.00	61.91 4.74 0.00	61.85 4.69 0.00	67.36 5.45 0.00	72.69 5.51 0.00	84.98 3.19 0.00	87.79 2.64 0.00	80.11 2.71 0.00	71.38 2.35 0.00	63.48 2.21 0.00	59.90 2.19 0.00	61.47 2.31 0.00
LYONS_FALL_HYD 23570	50.25 1.42 0.00	49.54 1.25 0.00	47.38 1.07 0.00	49.09 1.24 0.00	50.78 1.28 0.00	56.84 1.87 0.00	74.66 2.94 0.00	77.19 3.60 0.00	70.52 3.29 0.00	70.77 3.18 0.00	66.38 3.16 0.00	64.06 3.05 0.00	62.96 3.00 0.00	60.25 3.08 0.00	60.19 3.03 0.00	65.44 3.53 0.00	70.94 3.76 0.00	85.79 4.01 0.00	89.24 4.09 0.00	80.80 3.40 0.00	71.87 2.83 0.00	63.66 2.39 0.00	59.90 2.19 0.00	61.41 2.25 0.00
MADISON___COUNTY_LFGE 323628	50.05 1.22 0.00	49.40 1.11 0.00	47.34 1.02 0.00	48.95 1.10 0.00	50.63 1.14 0.00	56.46 1.48 0.00	74.51 2.80 0.00	76.60 3.02 0.00	70.05 2.82 0.00	70.30 2.70 0.00	65.81 2.59 0.00	63.45 2.44 0.00	62.24 2.28 0.00	59.39 2.23 0.00	59.34 2.17 0.00	64.39 2.48 0.00	69.87 2.69 0.00	85.22 3.44 0.00	88.21 3.07 0.00	79.80 2.40 0.00	71.04 2.00 0.00	62.92 1.65 0.00	59.15 1.44 0.00	60.64 1.48 0.00
MALONE___115KV_TB1 356076	48.98 0.15 0.00	48.48 0.19 0.00	46.55 0.23 0.00	48.61 0.77 0.00	50.38 0.89 0.00	56.95 1.98 0.00	74.22 2.51 0.00	76.53 2.94 0.00	69.98 2.76 0.00	70.50 2.91 0.00	66.19 2.97 0.00	64.19 3.17 0.00	63.74 3.78 0.00	60.99 3.83 0.00	60.99 3.83 0.00	66.24 4.33 0.00	71.81 4.64 0.00	85.22 3.44 0.00	87.70 2.55 0.00	80.65 3.25 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.13 2.42 0.00	61.88 2.72 0.00
MAPLEWOD_115KV_TB3 80458	51.03 2.20 0.00	50.46 2.17 0.00	48.40 2.08 0.00	49.86 2.01 0.00	51.52 2.03 0.00	57.11 2.14 0.00	74.44 2.73 0.00	76.31 2.72 0.00	69.58 2.35 0.00	69.96 2.37 0.00	65.31 2.09 0.00	63.03 2.01 0.00	61.88 1.92 0.00	59.05 1.89 0.00	59.05 1.89 0.00	63.83 1.92 0.00	69.33 2.15 0.00	84.00 2.21 0.00	87.53 2.38 0.00	79.64 2.24 0.00	71.17 2.14 0.00	63.23 1.96 0.00	59.55 1.85 0.00	61.05 1.89 0.00
MAPLE_RIDGE_WT_1 323574	47.66 -1.17 0.00	47.27 -1.02 0.00	45.44 -0.88 0.00	47.18 -0.67 0.00	48.90 -0.59 0.00	54.42 -0.55 0.00	71.07 -0.65 0.00	73.08 -0.51 0.00	66.89 -0.33 0.00	67.39 -0.20 0.00	63.10 -0.13 0.00	61.01 0.00 0.00	60.02 0.06 0.00	57.28 0.11 0.00	57.34 0.17 0.00	62.10 0.19 0.00	67.38 0.20 0.00	81.79 0.00 0.00	84.81 -0.34 0.00	77.17 -0.23 0.00	68.76 -0.28 0.00	60.96 -0.30 0.00	57.42 -0.29 0.00	58.98 -0.18 0.00
MAPLE_RIDGE_WT_2 323611	47.66 -1.17 0.00	47.27 -1.02 0.00	45.44 -0.88 0.00	47.18 -0.67 0.00	48.90 -0.59 0.00	54.42 -0.55 0.00	71.07 -0.65 0.00	73.08 -0.51 0.00	66.89 -0.33 0.00	67.39 -0.20 0.00	63.10 -0.13 0.00	61.01 0.00 0.00	60.02 0.06 0.00	57.28 0.11 0.00	57.34 0.17 0.00	62.10 0.19 0.00	67.38 0.20 0.00	81.79 0.00 0.00	84.81 -0.34 0.00	77.17 -0.23 0.00	68.76 -0.28 0.00	60.96 -0.30 0.00	57.42 -0.29 0.00	58.98 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	46.29 -2.54 0.00	46.06 -2.22 0.00	44.56 -1.76 0.00	46.94 -0.91 0.00	49.20 -0.30 0.00	55.63 0.66 0.00	72.29 0.57 0.00	74.84 1.25 0.00	68.70 1.48 0.00	69.48 1.89 0.00	65.24 2.02 0.00	63.27 2.26 0.00	62.72 2.76 0.00	59.91 2.74 0.00	59.91 2.74 0.00	65.07 3.16 0.00	70.60 3.42 0.00	84.24 2.45 0.00	86.51 1.36 0.00	79.65 2.25 0.00	71.59 2.56 0.00	63.35 2.08 0.00	59.44 1.73 0.00	61.76 2.60 0.00
MARSHVLE_115KV_TB1 80742	51.22 2.39 0.00	50.70 2.41 0.00	48.54 2.22 0.00	50.10 2.25 0.00	51.82 2.33 0.00	57.77 2.80 0.00	75.66 3.94 0.00	77.49 3.90 0.00	70.11 2.89 0.00	70.03 2.43 0.00	64.99 1.77 0.00	62.36 1.34 0.00	61.28 1.32 0.00	58.76 1.60 0.00	58.82 1.66 0.00	64.20 2.29 0.00	70.40 3.22 0.00	85.96 4.17 0.00	89.92 4.77 0.00	81.58 4.18 0.00	72.55 3.52 0.00	64.58 3.31 0.00	60.53 2.83 0.00	61.82 2.66 0.00
MARSH_HILL_WT_PWR 323713	46.54 -2.29 0.00	46.21 -2.07 0.00	44.61 -1.71 0.00	46.22 -1.63 0.00	47.96 -1.53 0.00	53.81 -1.16 0.00	70.21 -1.51 0.00	72.26 -1.32 0.00	65.94 -1.28 0.00	66.24 -1.35 0.00	62.47 -0.76 0.00	60.40 -0.61 0.00	59.00 -0.96 0.00	55.85 -1.31 0.00	55.74 -1.43 0.00	60.67 -1.24 0.00	65.43 -1.75 0.00	81.38 -0.41 0.00	85.32 0.17 0.00	76.63 -0.77 0.00	68.00 -1.03 0.00	60.47 -0.80 0.00	56.78 -0.93 0.00	58.39 -0.77 0.00
MCINTYRE_115KV_TB2 80467	50.10 1.27 0.00	49.49 1.21 0.00	47.43 1.11 0.00	49.38 1.53 0.00	51.03 1.53 0.00	57.72 2.75 0.00	75.16 3.44 0.00	77.34 3.75 0.00	70.52 3.29 0.00	70.84 3.24 0.00	66.51 3.29 0.00	64.49 3.48 0.00	64.16 4.20 0.00	61.51 4.34 0.00	61.51 4.34 0.00	66.99 5.08 0.00	72.49 5.31 0.00	85.47 3.68 0.00	87.70 2.55 0.00	80.65 3.25 0.00	71.93 2.90 0.00	64.03 2.76 0.00	60.42 2.71 0.00	62.18 3.02 0.00
MECO_____69_KV_BK1 80468	52.25 3.42 0.00	51.76 3.48 0.00	49.56 3.24 0.00	51.15 3.30 0.00	52.86 3.37 0.00	58.93 3.96 0.00	77.38 5.67 0.00	79.18 5.59 0.00	71.66 4.44 0.00	71.71 4.12 0.00	66.70 3.48 0.00	64.12 3.11 0.00	62.96 3.00 0.00	60.19 3.03 0.00	60.37 3.20 0.00	65.81 3.90 0.00	71.95 4.77 0.00	87.59 5.81 0.00	91.62 6.47 0.00	83.28 5.88 0.00	74.07 5.04 0.00	65.86 4.60 0.00	61.75 4.04 0.00	63.01 3.85 0.00
MENANDS___115KV_TB5 355628	50.83 2.00 0.00	50.31 2.03 0.00	48.22 1.90 0.00	49.72 1.87 0.00	51.32 1.83 0.00	56.89 1.92 0.00	74.08 2.37 0.00	75.94 2.35 0.00	69.31 2.08 0.00	69.69 2.10 0.00	65.05 1.83 0.00	62.78 1.77 0.00	61.64 1.68 0.00	58.76 1.60 0.00	58.82 1.66 0.00	63.46 1.55 0.00	68.93 1.75 0.00	83.42 1.64 0.00	86.94 1.79 0.00	79.10 1.70 0.00	70.76 1.73 0.00	62.86 1.59 0.00	59.27 1.56 0.00	60.82 1.66 0.00
MG INDUSTRY___DRP 24185	50.64 1.81 0.00	50.12 1.83 0.00	48.08 1.76 0.00	49.52 1.67 0.00	51.17 1.68 0.00	56.73 1.76 0.00	73.87 2.15 0.00	75.65 2.06 0.00	68.97 1.75 0.00	69.35 1.76 0.00	64.74 1.52 0.00	62.42 1.40 0.00	61.28 1.32 0.00	58.48 1.31 0.00	58.54 1.37 0.00	63.27 1.36 0.00	68.72 1.55 0.00	83.26 1.47 0.00	86.77 1.62 0.00	79.02 1.63 0.00	70.62 1.59 0.00	62.80 1.53 0.00	59.21 1.50 0.00	60.76 1.60 0.00

MID___OSWEGATCHIE_HYD 23849	49.66 0.83 0.00	49.01 0.72 0.00	46.92 0.60 0.00	48.71 0.86 0.00	50.33 0.84 0.00	57.33 2.36 0.00	74.80 3.08 0.00	77.49 3.90 0.00	70.72 3.50 0.00	70.97 3.38 0.00	66.89 3.67 0.00	64.86 3.84 0.00	64.40 4.44 0.00	61.91 4.74 0.00	61.85 4.69 0.00	67.36 5.45 0.00	72.69 5.51 0.00	84.98 3.19 0.00	87.79 2.64 0.00	80.11 2.71 0.00	71.38 2.35 0.00	63.48 2.21 0.00	59.90 2.19 0.00	61.47 2.31 0.00
MID___RAQUETTE_HYD 23851	49.27 0.44 0.00	48.72 0.43 0.00	46.74 0.42 0.00	48.61 0.77 0.00	50.18 0.69 0.00	57.77 2.80 0.00	75.01 3.30 0.00	77.12 3.53 0.00	70.45 3.23 0.00	70.77 3.18 0.00	66.83 3.60 0.00	65.10 4.09 0.00	65.18 5.22 0.00	62.71 5.54 0.00	62.71 5.54 0.00	68.16 6.25 0.00	73.43 6.25 0.00	83.75 1.96 0.00	85.74 0.60 0.00	78.95 1.55 0.00	70.55 1.52 0.00	62.99 1.72 0.00	59.55 1.85 0.00	61.23 2.07 0.00
MILLIKEN___1 23584	49.12 0.29 0.00	48.48 0.19 0.00	46.50 0.19 0.00	48.04 0.19 0.00	49.69 0.20 0.00	55.36 0.38 0.00	72.36 0.65 0.00	74.47 0.88 0.00	68.03 0.81 0.00	68.13 0.54 0.00	63.92 0.70 0.00	61.62 0.61 0.00	60.38 0.42 0.00	57.51 0.34 0.00	57.51 0.34 0.00	62.41 0.50 0.00	67.72 0.54 0.00	83.10 1.31 0.00	86.85 1.70 0.00	78.56 1.16 0.00	69.93 0.90 0.00	61.94 0.67 0.00	58.17 0.46 0.00	59.57 0.41 0.00
MILLIKEN___2 23585	49.12 0.29 0.00	48.48 0.19 0.00	46.50 0.19 0.00	48.04 0.19 0.00	49.69 0.20 0.00	55.36 0.38 0.00	72.36 0.65 0.00	74.47 0.88 0.00	68.03 0.81 0.00	68.13 0.54 0.00	63.92 0.70 0.00	61.62 0.61 0.00	60.38 0.42 0.00	57.51 0.34 0.00	57.51 0.34 0.00	62.41 0.50 0.00	67.72 0.54 0.00	83.10 1.31 0.00	86.85 1.70 0.00	78.56 1.16 0.00	69.93 0.90 0.00	61.94 0.67 0.00	58.17 0.46 0.00	59.57 0.41 0.00
MILLIKEN___DIESEL 23629	49.12 0.29 0.00	48.48 0.19 0.00	46.50 0.19 0.00	48.04 0.19 0.00	49.69 0.20 0.00	55.36 0.38 0.00	72.36 0.65 0.00	74.47 0.88 0.00	68.03 0.81 0.00	68.13 0.54 0.00	63.92 0.70 0.00	61.62 0.61 0.00	60.38 0.42 0.00	57.51 0.34 0.00	57.51 0.34 0.00	62.41 0.50 0.00	67.72 0.54 0.00	83.10 1.31 0.00	86.85 1.70 0.00	78.56 1.16 0.00	69.93 0.90 0.00	61.94 0.67 0.00	58.17 0.46 0.00	59.57 0.41 0.00
MILLSEAT___LFGE 323607	45.60 -3.22 0.00	44.95 -3.33 0.00	43.22 -3.10 0.00	44.59 -3.26 0.00	46.28 -3.22 0.00	52.06 -2.92 0.00	67.27 -4.45 0.00	68.95 -4.63 0.00	62.79 -4.44 0.00	63.47 -4.13 0.00	60.06 -3.16 0.00	58.27 -2.74 0.00	57.21 -2.76 0.00	54.02 -3.14 0.00	53.96 -3.20 0.00	58.63 -3.28 0.00	62.74 -4.44 0.00	78.19 -3.60 0.00	82.09 -3.06 0.00	73.46 -3.94 0.00	65.24 -3.80 0.00	58.15 -3.12 0.00	54.77 -2.94 0.00	56.38 -2.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.22 2.39 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	51.42 1.93 0.00	56.89 1.92 0.00	74.58 2.87 0.00	76.38 2.80 0.00	69.78 2.55 0.00	70.16 2.57 0.00	65.31 2.09 0.00	62.97 1.95 0.00	61.88 1.92 0.00	59.11 1.94 0.00	59.05 1.89 0.00	63.83 1.92 0.00	69.40 2.22 0.00	84.32 2.54 0.00	88.04 2.90 0.00	80.03 2.63 0.00	71.45 2.42 0.00	63.41 2.14 0.00	59.78 2.08 0.00	61.05 1.89 0.00
MILLWOOD_13_KV_LOAD 356217	51.32 2.49 0.00	50.60 2.32 0.00	48.59 2.27 0.00	49.95 2.11 0.00	51.47 1.98 0.00	57.00 2.03 0.00	74.73 3.01 0.00	76.53 2.94 0.00	69.91 2.69 0.00	70.30 2.70 0.00	65.43 2.21 0.00	63.15 2.14 0.00	62.00 2.04 0.00	59.22 2.06 0.00	59.16 2.00 0.00	63.95 2.04 0.00	69.53 2.35 0.00	84.49 2.70 0.00	88.21 3.07 0.00	80.19 2.79 0.00	71.59 2.55 0.00	63.54 2.27 0.00	59.90 2.19 0.00	61.17 2.01 0.00
MODEL_CITY_ENERGY 24167	44.14 -4.69 0.00	43.55 -4.73 0.00	41.96 -4.36 0.00	43.30 -4.55 0.00	44.84 -4.65 0.00	50.30 -4.67 0.00	64.90 -6.81 0.00	66.38 -7.21 0.00	60.44 -6.79 0.00	61.04 -6.56 0.00	57.91 -5.31 0.00	56.25 -4.76 0.00	55.22 -4.74 0.00	52.13 -5.03 0.00	52.02 -5.14 0.00	56.52 -5.39 0.00	60.33 -6.85 0.00	75.24 -6.55 0.00	78.76 -6.39 0.00	70.74 -6.66 0.00	62.75 -6.28 0.00	56.12 -5.15 0.00	52.98 -4.73 0.00	54.61 -4.55 0.00
MODERN_LFGE___ 323580	44.14 -4.69 0.00	43.55 -4.73 0.00	41.96 -4.36 0.00	43.30 -4.55 0.00	44.84 -4.65 0.00	50.30 -4.67 0.00	64.90 -6.81 0.00	66.38 -7.21 0.00	60.44 -6.79 0.00	61.04 -6.56 0.00	57.91 -5.31 0.00	56.25 -4.76 0.00	55.22 -4.74 0.00	52.13 -5.03 0.00	52.02 -5.14 0.00	56.52 -5.39 0.00	60.33 -6.85 0.00	75.24 -6.55 0.00	78.76 -6.39 0.00	70.74 -6.66 0.00	62.75 -6.28 0.00	56.12 -5.15 0.00	52.98 -4.73 0.00	54.61 -4.55 0.00
MOHAWK_PAPER___DRP 24187	51.03 2.20 0.00	50.46 2.17 0.00	48.40 2.08 0.00	49.86 2.01 0.00	51.52 2.03 0.00	57.11 2.14 0.00	74.44 2.73 0.00	76.31 2.72 0.00	69.58 2.35 0.00	69.96 2.37 0.00	65.31 2.09 0.00	63.03 2.01 0.00	61.88 1.92 0.00	59.05 1.89 0.00	59.05 1.89 0.00	63.83 1.92 0.00	69.33 2.15 0.00	84.00 2.21 0.00	87.53 2.38 0.00	79.64 2.24 0.00	71.17 2.14 0.00	63.23 1.96 0.00	59.55 1.85 0.00	61.05 1.89 0.00
MOHICAN___35_KV_115KV_LD 80490	53.91 5.08 0.00	53.40 5.12 0.00	51.09 4.77 0.00	52.68 4.83 0.00	54.49 5.00 0.00	60.74 5.77 0.00	79.82 8.10 0.00	81.83 8.24 0.00	74.42 7.19 0.00	74.76 7.16 0.00	69.54 6.32 0.00	67.18 6.16 0.00	65.72 5.76 0.00	62.59 5.43 0.00	62.88 5.72 0.00	67.67 5.76 0.00	73.49 6.31 0.00	89.15 7.36 0.00	93.07 7.92 0.00	84.60 7.20 0.00	75.32 6.28 0.00	67.09 5.82 0.00	62.90 5.19 0.00	64.31 5.15 0.00
MONGAUP___HYD 23641	51.17 2.34 0.00	50.51 2.22 0.00	48.41 2.09 0.00	49.81 1.96 0.00	51.47 1.98 0.00	57.01 2.04 0.00	74.73 3.01 0.00	76.31 2.72 0.00	69.71 2.49 0.00	69.75 2.16 0.00	65.06 1.83 0.00	62.54 1.53 0.00	61.46 1.50 0.00	58.65 1.48 0.00	58.76 1.60 0.00	63.71 1.80 0.00	69.46 2.29 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.50 3.10 0.00	71.80 2.76 0.00	63.60 2.33 0.00	59.96 2.25 0.00	61.23 2.07 0.00
MONTAUK___DIESEL 23721	70.81 3.52 -18.46	62.05 3.28 -10.49	57.98 3.20 -8.47	50.77 2.92 0.00	52.46 2.97 0.00	76.36 3.19 -18.20	91.69 4.73 -15.24	96.91 4.78 -18.54	88.75 4.44 -17.09	80.20 4.26 -8.35	73.46 3.48 -6.76	71.37 3.42 -6.94	74.80 3.48 -11.36	74.47 3.49 -13.81	77.44 3.60 -16.67	81.40 4.15 -15.34	91.47 4.64 -19.65	103.32 5.81 -15.73	106.45 6.30 -15.00	103.23 5.80 -20.03	96.66 5.32 -22.31	87.94 4.72 -21.96	71.75 4.56 -9.48	68.97 4.73 -5.08
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.53 -2.29 0.00	46.02 -2.27 0.00	44.33 -1.99 0.00	45.94 -1.91 0.00	47.61 -1.88 0.00	53.76 -1.21 0.00	70.07 -1.65 0.00	71.75 -1.84 0.00	65.54 -1.68 0.00	65.77 -1.82 0.00	62.46 -0.76 0.00	60.77 -0.24 0.00	59.54 -0.42 0.00	55.91 -1.26 0.00	55.85 -1.31 0.00	60.73 -1.18 0.00	64.96 -2.22 0.00	81.05 -0.74 0.00	84.89 -0.26 0.00	76.24 -1.16 0.00	67.65 -1.38 0.00	60.04 -1.23 0.00	56.67 -1.04 0.00	58.57 -0.59 0.00

MORRIS_RIDGE___SOLAR 323848	46.19 -2.64 0.00	45.72 -2.56 0.00	44.10 -2.22 0.00	45.55 -2.30 0.00	47.22 -2.28 0.00	52.94 -2.03 0.00	68.77 -2.94 0.00	70.50 -3.09 0.00	64.27 -2.96 0.00	64.55 -3.04 0.00	60.88 -2.34 0.00	59.00 -2.01 0.00	57.75 -2.22 0.00	54.54 -2.63 0.00	54.42 -2.74 0.00	59.19 -2.72 0.00	63.76 -3.42 0.00	79.41 -2.37 0.00	83.19 -1.96 0.00	74.77 -2.63 0.00	66.41 -2.62 0.00	59.19 -2.08 0.00	55.69 -2.02 0.00	57.33 -1.83 0.00
MORTIMER_115KV_TB3 55949	46.14 -2.69 0.00	45.53 -2.75 0.00	43.59 -2.73 0.00	45.12 -2.73 0.00	46.77 -2.72 0.00	52.33 -2.64 0.00	67.84 -3.87 0.00	69.61 -3.97 0.00	63.46 -3.76 0.00	63.87 -3.72 0.00	60.38 -2.84 0.00	58.33 -2.68 0.00	57.32 -2.64 0.00	54.19 -2.97 0.00	54.25 -2.92 0.00	58.88 -3.03 0.00	63.28 -3.90 0.00	78.35 -3.44 0.00	81.91 -3.24 0.00	73.76 -3.64 0.00	65.58 -3.45 0.00	58.14 -3.12 0.00	54.94 -2.77 0.00	56.44 -2.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.47 2.64 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.06 2.09 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	70.70 3.11 0.00	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.81 3.03 0.00	88.55 3.41 0.00	80.50 3.10 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
MUNSVILLE_WIND_PWR 323609	51.91 3.08 0.00	51.18 2.90 0.00	49.00 2.69 0.00	50.87 3.02 0.00	52.71 3.22 0.00	58.87 3.90 0.00	77.45 5.74 0.00	79.77 6.18 0.00	73.01 5.78 0.00	72.93 5.34 0.00	68.34 5.12 0.00	65.78 4.76 0.00	64.34 4.37 0.00	61.28 4.12 0.00	61.45 4.29 0.00	66.86 4.95 0.00	72.75 5.57 0.00	89.97 8.18 0.00	94.60 9.45 0.00	84.83 7.43 0.00	75.31 6.28 0.00	66.42 5.15 0.00	62.33 4.62 0.00	63.90 4.73 0.00
N SALMON___HYD 24042	48.98 0.15 0.00	48.48 0.19 0.00	46.55 0.23 0.00	48.61 0.76 0.00	50.38 0.89 0.00	56.95 1.98 0.00	74.22 2.51 0.00	76.53 2.95 0.00	69.98 2.76 0.00	70.50 2.90 0.00	66.19 2.97 0.00	64.18 3.17 0.00	63.74 3.78 0.00	60.99 3.83 0.00	60.99 3.83 0.00	66.24 4.33 0.00	71.81 4.63 0.00	85.22 3.43 0.00	87.28 2.13 0.00	80.65 3.25 0.00	71.93 2.90 0.00	63.90 2.63 0.00	60.13 2.42 0.00	61.88 2.72 0.00
N.AKRON__115KV_KNAPP 355671	45.51 -3.32 0.00	44.86 -3.43 0.00	42.98 -3.33 0.00	44.55 -3.30 0.00	46.18 -3.32 0.00	51.95 -3.02 0.00	67.13 -4.59 0.00	68.73 -4.86 0.00	62.59 -4.64 0.00	62.93 -4.66 0.00	59.93 -3.29 0.00	58.15 -2.87 0.00	57.08 -2.88 0.00	53.73 -3.43 0.00	53.85 -3.32 0.00	58.51 -3.41 0.00	62.48 -4.70 0.00	77.94 -3.84 0.00	81.74 -3.41 0.00	73.22 -4.18 0.00	65.03 -4.00 0.00	57.65 -3.61 0.00	54.65 -3.06 0.00	56.26 -2.90 0.00
N.BELMOR_69_KV_BK1 55787	70.76 3.47 -18.46	62.05 3.28 -10.49	57.98 3.20 -8.47	50.82 2.97 0.00	52.46 2.97 0.00	76.20 3.02 -18.20	91.33 4.37 -15.24	96.55 4.42 -18.54	88.35 4.03 -17.09	80.00 4.06 -8.35	73.46 3.48 -6.76	71.25 3.29 -6.94	74.56 3.24 -11.36	74.12 3.14 -13.81	76.98 3.14 -16.67	80.53 3.28 -15.34	90.53 3.69 -19.65	101.77 4.25 -15.73	104.83 4.68 -15.00	101.68 4.26 -20.03	95.21 3.87 -22.31	86.78 3.55 -21.96	70.60 3.40 -9.48	67.44 3.19 -5.08
N.E_GEN_SANDY PD 24062	80.52 2.54 -29.15	75.41 2.46 -24.66	73.10 2.31 -24.47	70.50 2.25 -20.40	73.49 2.28 -21.72	77.21 2.31 -19.93	90.15 3.08 -15.35	93.12 3.02 -16.51	82.70 2.76 -12.72	74.61 2.71 -4.31	73.50 2.34 -7.94	72.20 2.26 -8.93	70.60 2.16 -8.48	69.10 2.05 -9.88	70.14 2.05 -10.92	69.20 2.17 -5.12	78.00 2.49 -8.33	91.80 2.78 -7.23	91.76 3.15 -3.46	83.65 2.87 -3.38	81.90 2.62 -10.24	72.00 2.33 -8.40	64.71 2.25 -4.75	64.30 2.19 -2.95
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.08 2.25 0.00	50.36 2.08 0.00	48.36 2.04 0.00	49.67 1.82 0.00	51.27 1.78 0.00	56.62 1.65 0.00	74.22 2.51 0.00	75.94 2.35 0.00	69.31 2.08 0.00	69.69 2.10 0.00	64.87 1.64 0.00	62.54 1.53 0.00	61.46 1.50 0.00	58.71 1.54 0.00	58.65 1.49 0.00	63.40 1.49 0.00	68.93 1.75 0.00	83.75 1.96 0.00	87.45 2.30 0.00	79.57 2.17 0.00	71.04 2.00 0.00	63.05 1.78 0.00	59.50 1.79 0.00	60.82 1.66 0.00
N.QUEENS_27_KV_LOAD 356247	51.67 2.83 -0.01	50.95 2.66 -0.01	48.92 2.59 -0.01	50.25 2.39 -0.01	51.67 2.18 0.00	57.06 2.09 0.00	74.80 3.08 0.00	76.83 3.24 0.00	70.32 3.09 0.00	70.90 3.31 0.01	65.88 2.66 0.00	63.51 2.50 0.00	62.36 2.40 0.00	59.57 2.40 0.00	59.51 2.34 0.00	64.32 2.41 0.00	69.87 2.69 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.29 2.13 0.00
N.TROY___115KV_TB1 355778	51.51 2.69 0.00	50.94 2.66 0.00	48.82 2.50 0.00	50.34 2.49 0.00	52.02 2.52 0.00	57.66 2.69 0.00	75.30 3.59 0.00	77.19 3.61 0.00	70.38 3.16 0.00	70.70 3.11 0.00	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.57 2.40 0.00	59.62 2.46 0.00	64.57 2.66 0.00	70.13 2.96 0.00	85.14 3.35 0.00	88.90 3.75 0.00	80.81 3.41 0.00	72.07 3.04 0.00	64.03 2.76 0.00	60.30 2.60 0.00	61.70 2.54 0.00
NARROWS_GT1_1 24228	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT1_2 24229	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT1_3 24230	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT1_4 24231	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59

NARROWS_GT1_5 24232	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT1_6 24233	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT1_7 24234	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT1_8 24235	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT2_1 24236	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT2_2 24237	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT2_3 24238	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT2_4 24239	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT2_5 24240	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT2_6 24241	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT2_7 24242	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NARROWS_GT2_8 24243	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.66 2.83 0.00	51.13 2.85 0.00	48.96 2.64 0.00	50.48 2.63 0.00	52.26 2.77 0.00	57.99 3.02 0.00	75.44 3.73 0.00	76.90 3.31 0.00	70.25 3.03 0.00	70.16 2.57 0.00	65.50 2.28 0.00	63.03 2.01 0.00	61.88 1.92 0.00	59.05 1.89 0.00	59.22 2.06 0.00	64.08 2.17 0.00	69.80 2.62 0.00	84.65 2.86 0.00	88.30 3.15 0.00	80.65 3.25 0.00	72.00 2.97 0.00	63.97 2.70 0.00	60.42 2.71 0.00	62.12 2.96 0.00
NCHELSEA_115KV_TR2 355582	51.51 2.69 0.00	50.84 2.56 0.00	48.77 2.45 0.00	50.15 2.30 0.00	51.82 2.33 0.00	57.33 2.36 0.00	75.09 3.37 0.00	76.83 3.24 0.00	70.25 3.03 0.00	70.50 2.91 0.00	65.69 2.47 0.00	63.21 2.20 0.00	62.12 2.16 0.00	59.34 2.17 0.00	59.34 2.17 0.00	64.20 2.29 0.00	69.87 2.69 0.00	85.06 3.27 0.00	88.72 3.58 0.00	80.81 3.41 0.00	72.07 3.04 0.00	63.90 2.63 0.00	60.25 2.54 0.00	61.53 2.37 0.00
NEG CAPITAL___MECHNVIL 23645	52.35 3.52 0.00	51.81 3.52 0.00	49.61 3.29 0.00	51.20 3.35 0.00	52.86 3.37 0.00	58.76 3.79 0.00	76.95 5.23 0.00	78.89 5.30 0.00	71.80 4.57 0.00	72.19 4.60 0.00	67.33 4.11 0.00	64.98 3.96 0.00	63.68 3.72 0.00	60.71 3.55 0.00	60.88 3.71 0.00	66.00 4.09 0.00	71.68 4.50 0.00	87.03 5.24 0.00	90.85 5.71 0.00	82.59 5.19 0.00	73.59 4.56 0.00	65.38 4.11 0.00	61.46 3.75 0.00	62.89 3.73 0.00

NEG CENTRAL_HIGH_ACRES 23767	45.85 -2.98 0.00	45.24 -3.04 0.00	43.35 -2.97 0.00	44.79 -3.06 0.00	46.42 -3.07 0.00	51.95 -3.02 0.00	67.41 -4.30 0.00	69.32 -4.27 0.00	63.19 -4.03 0.00	63.81 -3.78 0.00	59.93 -3.29 0.00	57.96 -3.05 0.00	56.91 -3.06 0.00	54.02 -3.14 0.00	53.91 -3.26 0.00	58.51 -3.41 0.00	63.01 -4.17 0.00	77.78 -4.01 0.00	81.40 -3.74 0.00	73.22 -4.18 0.00	65.17 -3.86 0.00	57.96 -3.31 0.00	54.42 -3.29 0.00	55.91 -3.25 0.00
NEG CENTRAL___DRP 24199	47.90 -0.93 0.00	47.32 -0.97 0.00	45.35 -0.97 0.00	46.89 -0.96 0.00	48.55 -0.94 0.00	54.20 -0.77 0.00	70.57 -1.15 0.00	72.63 -0.96 0.00	66.28 -0.94 0.00	66.51 -1.08 0.00	62.65 -0.57 0.00	60.40 -0.61 0.00	59.18 -0.78 0.00	56.25 -0.91 0.00	56.25 -0.91 0.00	61.04 -0.87 0.00	65.97 -1.21 0.00	81.13 -0.65 0.00	84.72 -0.43 0.00	76.63 -0.77 0.00	68.21 -0.83 0.00	60.53 -0.74 0.00	56.90 -0.81 0.00	58.33 -0.83 0.00
NEG CENTRAL___INDECK 23768	47.85 -0.98 0.00	47.22 -1.06 0.00	45.34 -0.97 0.00	46.89 -0.96 0.00	48.70 -0.79 0.00	54.81 -0.16 0.00	71.22 -0.50 0.00	73.29 -0.29 0.00	66.68 -0.54 0.00	67.05 -0.54 0.00	62.91 -0.31 0.00	60.77 -0.24 0.00	59.55 -0.42 0.00	56.36 -0.80 0.00	56.31 -0.86 0.00	61.35 -0.56 0.00	66.30 -0.88 0.00	82.52 0.73 0.00	86.68 1.53 0.00	77.63 0.23 0.00	68.96 -0.07 0.00	61.27 0.00 0.00	57.48 -0.23 0.00	58.98 -0.18 0.00
NEG CENTRAL___SENECA 23627	47.95 -0.88 0.00	47.32 -0.97 0.00	45.35 -0.97 0.00	46.94 -0.91 0.00	48.60 -0.89 0.00	54.37 -0.60 0.00	70.64 -1.08 0.00	72.63 -0.96 0.00	66.28 -0.94 0.00	66.51 -1.08 0.00	62.84 -0.38 0.00	60.65 -0.37 0.00	59.36 -0.60 0.00	56.36 -0.80 0.00	56.31 -0.86 0.00	61.23 -0.68 0.00	65.97 -1.21 0.00	81.46 -0.33 0.00	85.06 -0.09 0.00	76.78 -0.62 0.00	68.27 -0.76 0.00	60.72 -0.55 0.00	57.01 -0.69 0.00	58.51 -0.65 0.00
NEG CENTRAL___STATE_STREET 24147	48.24 -0.59 0.00	47.61 -0.68 0.00	45.62 -0.69 0.00	47.13 -0.72 0.00	48.80 -0.69 0.00	54.37 -0.60 0.00	71.00 -0.72 0.00	73.07 -0.52 0.00	66.82 -0.40 0.00	67.12 -0.47 0.00	63.03 -0.19 0.00	60.71 -0.31 0.00	59.54 -0.42 0.00	56.65 -0.51 0.00	56.59 -0.57 0.00	61.35 -0.56 0.00	66.51 -0.67 0.00	81.54 -0.25 0.00	85.15 0.00 0.00	77.01 -0.39 0.00	68.62 -0.41 0.00	60.78 -0.49 0.00	57.07 -0.63 0.00	58.45 -0.71 0.00
NEG MILLWOOD___DRP 24198	51.71 2.88 0.00	51.09 2.80 0.00	48.96 2.64 0.00	50.34 2.49 0.00	51.97 2.47 0.00	57.66 2.69 0.00	75.59 3.87 0.00	77.27 3.68 0.00	70.72 3.50 0.00	70.97 3.38 0.00	66.13 2.91 0.00	63.76 2.75 0.00	62.54 2.58 0.00	59.74 2.57 0.00	59.74 2.57 0.00	64.57 2.66 0.00	70.27 3.09 0.00	85.47 3.68 0.00	89.15 4.00 0.00	81.27 3.87 0.00	72.42 3.38 0.00	64.27 3.00 0.00	60.53 2.83 0.00	61.82 2.66 0.00
NEG NORTH_FLCN_SEA 23793	47.46 -1.37 0.00	47.17 -1.11 0.00	45.58 -0.74 0.00	47.80 -0.05 0.00	49.94 0.45 0.00	56.29 1.32 0.00	72.86 1.15 0.00	75.28 1.69 0.00	68.97 1.75 0.00	69.69 2.10 0.00	65.37 2.15 0.00	63.33 2.32 0.00	62.78 2.82 0.00	59.91 2.74 0.00	59.91 2.74 0.00	65.07 3.16 0.00	70.61 3.43 0.00	84.16 2.37 0.00	86.68 1.53 0.00	79.49 2.09 0.00	71.66 2.62 0.00	63.54 2.27 0.00	59.67 1.96 0.00	62.12 2.96 0.00
NEG NORTH_KES_CHATEGAY 23792	47.95 -0.88 0.00	47.51 -0.77 0.00	45.72 -0.60 0.00	47.66 -0.19 0.00	49.49 0.00 0.00	55.52 0.55 0.00	72.43 0.72 0.00	74.62 1.03 0.00	68.30 1.08 0.00	68.88 1.28 0.00	64.49 1.26 0.00	62.42 1.40 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.99 1.83 0.00	64.08 2.17 0.00	69.53 2.35 0.00	83.67 1.88 0.00	86.34 1.19 0.00	79.10 1.70 0.00	70.69 1.66 0.00	62.68 1.41 0.00	58.98 1.27 0.00	60.76 1.60 0.00
NEG NORTH___ALICE_FALLS 23915	47.90 -0.93 0.00	47.56 -0.72 0.00	45.86 -0.46 0.00	48.09 0.24 0.00	50.14 0.64 0.00	56.57 1.59 0.00	73.36 1.65 0.00	75.87 2.28 0.00	69.44 2.22 0.00	70.09 2.50 0.00	65.75 2.53 0.00	63.64 2.62 0.00	63.14 3.18 0.00	60.25 3.09 0.00	60.25 3.09 0.00	65.50 3.59 0.00	71.08 3.90 0.00	84.98 3.19 0.00	87.53 2.38 0.00	80.42 3.02 0.00	72.14 3.11 0.00	63.90 2.63 0.00	60.07 2.37 0.00	62.30 3.14 0.00
NEG NORTH___LWR_SARANAC 23913	47.90 -0.93 0.00	47.56 -0.72 0.00	45.86 -0.46 0.00	48.09 0.24 0.00	50.14 0.64 0.00	56.57 1.59 0.00	73.36 1.65 0.00	75.87 2.28 0.00	69.44 2.22 0.00	70.09 2.50 0.00	65.75 2.53 0.00	63.64 2.62 0.00	63.14 3.18 0.00	60.25 3.09 0.00	60.25 3.09 0.00	65.50 3.59 0.00	71.08 3.90 0.00	84.98 3.19 0.00	87.53 2.38 0.00	80.42 3.02 0.00	72.14 3.11 0.00	63.90 2.63 0.00	60.07 2.37 0.00	62.30 3.14 0.00
NEG NORTH___PLATTSBURG 23628	47.90 -0.93 0.00	47.56 -0.72 0.00	45.86 -0.46 0.00	48.09 0.24 0.00	50.13 0.64 0.00	56.57 1.60 0.00	73.37 1.65 0.00	75.87 2.28 0.00	69.44 2.22 0.00	70.09 2.50 0.00	65.75 2.53 0.00	63.64 2.62 0.00	63.14 3.18 0.00	60.25 3.08 0.00	60.25 3.08 0.00	65.50 3.59 0.00	71.07 3.89 0.00	84.97 3.19 0.00	87.19 2.04 0.00	80.42 3.02 0.00	72.14 3.11 0.00	63.90 2.63 0.00	60.07 2.37 0.00	62.29 3.13 0.00
NEG WEST_LEA_LOCKPORT 23791	44.48 -4.35 0.00	43.89 -4.39 0.00	42.15 -4.17 0.00	43.64 -4.21 0.00	45.19 -4.31 0.00	50.74 -4.23 0.00	65.48 -6.24 0.00	66.96 -6.62 0.00	61.04 -6.18 0.00	61.24 -6.35 0.00	58.61 -4.62 0.00	56.93 -4.09 0.00	55.89 -4.08 0.00	52.53 -4.63 0.00	52.65 -4.52 0.00	57.21 -4.71 0.00	60.93 -6.25 0.00	76.06 -5.73 0.00	79.61 -5.53 0.00	71.52 -5.88 0.00	63.51 -5.52 0.00	56.37 -4.90 0.00	53.55 -4.15 0.00	55.20 -3.96 0.00
NEG WEST___LANCASTR 23811	47.22 -1.61 0.00	46.64 -1.64 0.00	44.88 -1.44 0.00	46.41 -1.44 0.00	48.06 -1.44 0.00	53.98 -0.99 0.00	70.07 -1.65 0.00	71.67 -1.91 0.00	65.54 -1.68 0.00	65.83 -1.76 0.00	62.59 -0.63 0.00	60.83 -0.18 0.00	59.66 -0.30 0.00	56.25 -0.91 0.00	56.25 -0.91 0.00	61.17 -0.74 0.00	64.69 -2.49 0.00	80.56 -1.23 0.00	84.21 -0.94 0.00	75.77 -1.63 0.00	67.24 -1.79 0.00	59.62 -1.65 0.00	56.50 -1.21 0.00	58.21 -0.95 0.00
NEG_PENN_ALLEGHNY 23528	48.54 -0.29 0.00	48.00 -0.29 0.00	46.04 -0.28 0.00	47.52 -0.33 0.00	49.15 -0.34 0.00	54.70 -0.27 0.00	71.43 -0.29 0.00	73.29 -0.29 0.00	66.96 -0.27 0.00	67.19 -0.40 0.00	63.03 -0.19 0.00	60.83 -0.18 0.00	59.66 -0.30 0.00	56.77 -0.40 0.00	56.77 -0.40 0.00	61.54 -0.37 0.00	66.71 -0.47 0.00	81.87 0.08 0.00	85.49 0.34 0.00	77.32 -0.08 0.00	68.83 -0.21 0.00	61.09 -0.18 0.00	57.42 -0.29 0.00	58.92 -0.24 0.00
NEG___GEN_MONROE 24207	46.09 -2.73 0.00	45.48 -2.80 0.00	43.59 -2.73 0.00	45.12 -2.73 0.00	46.77 -2.72 0.00	52.50 -2.47 0.00	67.84 -3.87 0.00	69.54 -4.05 0.00	63.39 -3.83 0.00	63.67 -3.92 0.00	60.19 -3.03 0.00	58.21 -2.81 0.00	57.08 -2.88 0.00	53.91 -3.26 0.00	53.96 -3.20 0.00	58.57 -3.34 0.00	62.95 -4.23 0.00	78.03 -3.76 0.00	81.74 -3.41 0.00	73.53 -3.87 0.00	65.31 -3.73 0.00	57.96 -3.31 0.00	54.82 -2.89 0.00	56.44 -2.72 0.00

NEPA___ENERGY 23901	46.14 -2.69 0.00	45.63 -2.66 0.00	43.91 -2.41 0.00	45.41 -2.44 0.00	46.97 -2.52 0.00	52.72 -2.25 0.00	68.56 -3.16 0.00	69.98 -3.61 0.00	63.73 -3.50 0.00	63.94 -3.65 0.00	60.76 -2.47 0.00	59.00 -2.01 0.00	57.86 -2.10 0.00	54.53 -2.63 0.00	54.53 -2.63 0.00	59.31 -2.60 0.00	63.62 -3.56 0.00	79.17 -2.62 0.00	82.76 -2.38 0.00	74.46 -2.94 0.00	66.07 -2.97 0.00	58.64 -2.63 0.00	55.51 -2.19 0.00	57.33 -1.83 0.00
NEVERSink___HYD 23608	51.12 2.30 0.00	50.46 2.17 0.00	48.31 1.99 0.00	49.77 1.92 0.00	51.47 1.98 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.23 2.65 0.00	69.78 2.55 0.00	69.96 2.36 0.00	65.24 2.02 0.00	62.72 1.71 0.00	61.64 1.68 0.00	58.82 1.66 0.00	58.76 1.60 0.00	63.71 1.80 0.00	69.39 2.21 0.00	84.65 2.86 0.00	88.47 3.32 0.00	80.50 3.10 0.00	71.72 2.69 0.00	63.54 2.27 0.00	59.90 2.19 0.00	61.11 1.95 0.00
NEWKRMKL_115KV_TB1 55635	50.59 1.76 0.00	50.02 1.74 0.00	47.99 1.67 0.00	49.43 1.58 0.00	51.08 1.58 0.00	56.62 1.65 0.00	73.79 2.08 0.00	75.57 1.99 0.00	68.97 1.75 0.00	69.35 1.76 0.00	64.74 1.52 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.54 1.37 0.00	58.59 1.43 0.00	63.09 1.18 0.00	68.52 1.34 0.00	82.77 0.98 0.00	86.26 1.11 0.00	78.56 1.16 0.00	70.35 1.31 0.00	62.49 1.23 0.00	58.92 1.21 0.00	60.64 1.48 0.00
NEWTON___FALLS_HYD 23847	49.66 0.83 0.00	49.01 0.72 0.00	46.92 0.60 0.00	48.71 0.86 0.00	50.33 0.84 0.00	57.33 2.36 0.00	74.80 3.08 0.00	77.49 3.90 0.00	70.72 3.50 0.00	70.97 3.38 0.00	66.89 3.67 0.00	64.86 3.84 0.00	64.40 4.44 0.00	61.91 4.74 0.00	61.85 4.69 0.00	67.36 5.45 0.00	72.69 5.51 0.00	84.98 3.19 0.00	87.79 2.64 0.00	80.11 2.71 0.00	71.38 2.35 0.00	63.48 2.21 0.00	59.90 2.19 0.00	61.47 2.31 0.00
NGRID_A1_DSASP 323792	43.70 -5.13 0.00	43.12 -5.17 0.00	41.55 -4.77 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	60.23 -7.37 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.33 -5.83 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.46 -7.72 0.00	74.10 -7.69 0.00	77.57 -7.58 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	55.33 -5.94 0.00	52.22 -5.48 0.00	53.95 -5.21 0.00
NGRID_A2_DSASP 323793	43.70 -5.13 0.00	43.12 -5.17 0.00	41.55 -4.77 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	60.23 -7.37 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.33 -5.83 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.46 -7.72 0.00	74.10 -7.69 0.00	77.57 -7.58 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	55.33 -5.94 0.00	52.22 -5.48 0.00	53.95 -5.21 0.00
NGRID_A4_DSASP 323807	43.70 -5.13 0.00	43.12 -5.17 0.00	41.55 -4.77 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	60.23 -7.37 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.33 -5.83 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.46 -7.72 0.00	74.10 -7.69 0.00	77.57 -7.58 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	55.33 -5.94 0.00	52.22 -5.48 0.00	53.95 -5.21 0.00
NIAGARA_115E_LBMP 323715	43.90 -4.93 0.00	43.36 -4.93 0.00	41.78 -4.54 0.00	43.06 -4.78 0.00	44.59 -4.90 0.00	50.02 -4.95 0.00	64.54 -7.17 0.00	65.93 -7.65 0.00	60.03 -7.19 0.00	60.63 -6.96 0.00	57.53 -5.69 0.00	55.89 -5.12 0.00	54.87 -5.10 0.00	51.73 -5.43 0.00	51.68 -5.49 0.00	56.15 -5.76 0.00	59.92 -7.26 0.00	74.67 -7.12 0.00	78.25 -6.89 0.00	70.20 -7.20 0.00	62.34 -6.70 0.00	55.76 -5.51 0.00	52.63 -5.08 0.00	54.31 -4.85 0.00
NIAGARA_115W_LBMP 323714	43.61 -5.22 0.00	43.07 -5.22 0.00	41.46 -4.86 0.00	42.78 -5.07 0.00	44.24 -5.25 0.00	49.59 -5.39 0.00	63.97 -7.75 0.00	65.35 -8.24 0.00	59.50 -7.73 0.00	60.09 -7.50 0.00	56.96 -6.26 0.00	55.34 -5.67 0.00	54.32 -5.64 0.00	51.28 -5.89 0.00	51.16 -6.00 0.00	55.59 -6.32 0.00	59.32 -7.86 0.00	73.94 -7.85 0.00	77.40 -7.75 0.00	69.50 -7.90 0.00	61.71 -7.32 0.00	55.20 -6.07 0.00	52.11 -5.60 0.00	53.84 -5.32 0.00
NIAGARA_230_LBMP 323716	44.19 -4.64 0.00	43.60 -4.68 0.00	42.01 -4.31 0.00	43.35 -4.50 0.00	44.84 -4.65 0.00	50.24 -4.73 0.00	64.83 -6.88 0.00	66.23 -7.36 0.00	60.30 -6.92 0.00	60.90 -6.69 0.00	57.66 -5.56 0.00	56.01 -5.00 0.00	54.99 -4.98 0.00	51.91 -5.26 0.00	51.79 -5.38 0.00	56.28 -5.63 0.00	60.13 -7.05 0.00	74.84 -6.95 0.00	78.33 -6.82 0.00	70.36 -7.04 0.00	62.47 -6.56 0.00	55.88 -5.39 0.00	52.74 -4.96 0.00	54.43 -4.74 0.00
NIAGARA___115KV_198_GIBSON 55903	43.60 -5.22 0.00	43.02 -5.26 0.00	41.32 -5.00 0.00	42.78 -5.07 0.00	44.25 -5.25 0.00	49.58 -5.39 0.00	63.97 -7.75 0.00	65.35 -8.24 0.00	59.49 -7.73 0.00	59.68 -7.91 0.00	56.96 -6.26 0.00	55.34 -5.67 0.00	54.33 -5.64 0.00	51.05 -6.12 0.00	51.16 -6.00 0.00	55.60 -6.31 0.00	59.25 -7.93 0.00	73.94 -7.85 0.00	77.23 -7.92 0.00	69.50 -7.89 0.00	61.72 -7.32 0.00	54.84 -6.43 0.00	52.11 -5.60 0.00	53.84 -5.32 0.00
NIAGARA___ 23760	44.19 -4.64 0.00	43.60 -4.68 0.00	42.01 -4.31 0.00	43.35 -4.50 0.00	44.84 -4.65 0.00	50.24 -4.73 0.00	64.83 -6.88 0.00	66.23 -7.36 0.00	60.30 -6.92 0.00	60.90 -6.69 0.00	57.66 -5.56 0.00	56.01 -5.00 0.00	54.99 -4.98 0.00	51.91 -5.26 0.00	51.79 -5.38 0.00	56.28 -5.63 0.00	60.13 -7.05 0.00	74.84 -6.95 0.00	78.33 -6.82 0.00	70.36 -7.04 0.00	62.47 -6.56 0.00	55.88 -5.39 0.00	52.74 -4.96 0.00	54.43 -4.74 0.00
NINE_MILE_1 23575	46.87 -1.95 0.00	46.35 -1.93 0.00	44.42 -1.90 0.00	45.89 -1.96 0.00	47.46 -2.03 0.00	52.77 -2.20 0.00	68.77 -2.94 0.00	70.57 -3.02 0.00	64.47 -2.76 0.00	64.89 -2.71 0.00	60.75 -2.47 0.00	58.63 -2.38 0.00	57.56 -2.40 0.00	54.82 -2.35 0.00	54.82 -2.35 0.00	59.37 -2.54 0.00	64.36 -2.82 0.00	78.60 -3.19 0.00	82.00 -3.15 0.00	74.38 -3.02 0.00	66.27 -2.76 0.00	58.82 -2.45 0.00	55.34 -2.37 0.00	56.73 -2.43 0.00
NINE_MILE_2 23744	46.87 -1.95 0.00	46.35 -1.93 0.00	44.42 -1.90 0.00	45.89 -1.96 0.00	47.46 -2.03 0.00	52.77 -2.20 0.00	68.77 -2.94 0.00	70.64 -2.95 0.00	64.47 -2.76 0.00	64.89 -2.71 0.00	60.75 -2.47 0.00	58.63 -2.38 0.00	57.56 -2.40 0.00	54.82 -2.35 0.00	54.82 -2.35 0.00	59.37 -2.54 0.00	64.42 -2.76 0.00	78.60 -3.19 0.00	82.00 -3.15 0.00	74.38 -3.02 0.00	66.27 -2.76 0.00	58.82 -2.45 0.00	55.34 -2.37 0.00	56.73 -2.43 0.00
NM_CAPITAL___DRP 24208	50.68 1.86 0.00	50.17 1.88 0.00	48.08 1.76 0.00	49.57 1.72 0.00	51.22 1.73 0.00	56.73 1.76 0.00	73.94 2.22 0.00	75.72 2.13 0.00	69.11 1.88 0.00	69.48 1.89 0.00	64.87 1.64 0.00	62.60 1.59 0.00	61.46 1.50 0.00	58.65 1.49 0.00	58.65 1.49 0.00	63.27 1.36 0.00	68.72 1.55 0.00	83.10 1.31 0.00	86.51 1.36 0.00	78.79 1.39 0.00	70.55 1.52 0.00	62.68 1.41 0.00	59.03 1.33 0.00	60.70 1.54 0.00

NM_CENTRAL___DRP 24181	47.85 -0.98 0.00	47.27 -1.01 0.00	45.30 -1.02 0.00	46.80 -1.05 0.00	48.40 -1.09 0.00	53.87 -1.10 0.00	70.21 -1.51 0.00	72.04 -1.55 0.00	65.88 -1.34 0.00	66.17 -1.42 0.00	62.08 -1.14 0.00	59.85 -1.16 0.00	58.76 -1.20 0.00	55.91 -1.26 0.00	55.91 -1.26 0.00	60.61 -1.30 0.00	65.57 -1.61 0.00	80.23 -1.55 0.00	83.79 -1.36 0.00	75.85 -1.55 0.00	67.65 -1.38 0.00	60.04 -1.23 0.00	56.44 -1.27 0.00	57.86 -1.30 0.00
NM_FRONTIER___DRP 24179	43.60 -5.22 0.00	43.02 -5.26 0.00	41.32 -5.00 0.00	42.78 -5.07 0.00	44.25 -5.25 0.00	49.58 -5.39 0.00	63.97 -7.75 0.00	65.35 -8.24 0.00	59.49 -7.73 0.00	59.68 -7.91 0.00	56.96 -6.26 0.00	55.34 -5.67 0.00	54.33 -5.64 0.00	51.05 -6.12 0.00	51.16 -6.00 0.00	55.60 -6.31 0.00	59.25 -7.93 0.00	73.94 -7.85 0.00	77.23 -7.92 0.00	69.50 -7.89 0.00	61.72 -7.32 0.00	54.84 -6.43 0.00	52.11 -5.60 0.00	53.84 -5.32 0.00
NM_ST_REGIS___HYD 24053	49.22 0.39 0.00	48.67 0.39 0.00	46.69 0.37 0.00	48.61 0.77 0.00	50.23 0.74 0.00	57.61 2.64 0.00	74.87 3.16 0.00	77.05 3.46 0.00	70.38 3.16 0.00	70.77 3.18 0.00	66.76 3.54 0.00	64.92 3.90 0.00	64.88 4.92 0.00	62.37 5.20 0.00	62.37 5.20 0.00	67.79 5.88 0.00	73.16 5.98 0.00	84.24 2.45 0.00	86.34 1.19 0.00	79.49 2.09 0.00	70.97 1.93 0.00	63.29 2.02 0.00	59.73 2.02 0.00	61.47 2.31 0.00
NORTHPORT___1 23551	70.66 3.37 -18.46	62.01 3.24 -10.49	57.98 3.19 -8.47	50.87 3.02 0.00	52.51 3.02 0.00	76.25 3.08 -18.20	91.40 4.45 -15.24	96.55 4.41 -18.54	88.35 4.03 -17.09	80.00 4.06 -8.35	73.58 3.60 -6.76	71.37 3.41 -6.94	74.62 3.30 -11.36	74.18 3.20 -13.81	76.98 3.14 -16.67	80.59 3.34 -15.34	90.53 3.69 -19.65	101.52 4.01 -15.73	104.40 4.26 -15.00	101.45 4.02 -20.03	95.21 3.86 -22.31	86.59 3.37 -21.96	70.54 3.35 -9.48	67.37 3.13 -5.08
NORTHPORT___2 23552	70.66 3.37 -18.46	62.01 3.24 -10.49	57.98 3.19 -8.47	50.87 3.02 0.00	52.51 3.02 0.00	76.25 3.08 -18.20	91.40 4.45 -15.24	96.55 4.41 -18.54	88.35 4.03 -17.09	80.00 4.06 -8.35	73.58 3.60 -6.76	71.37 3.41 -6.94	74.62 3.30 -11.36	74.18 3.20 -13.81	76.98 3.14 -16.67	80.59 3.34 -15.34	90.53 3.69 -19.65	101.52 4.01 -15.73	104.40 4.26 -15.00	101.45 4.02 -20.03	95.21 3.86 -22.31	86.59 3.37 -21.96	70.54 3.35 -9.48	67.37 3.13 -5.08
NORTHPORT___3 23553	71.10 3.81 -18.46	62.39 3.62 -10.49	58.26 3.48 -8.47	51.15 3.30 0.00	52.81 3.32 0.00	76.64 3.47 -18.20	91.90 4.94 -15.24	97.14 5.01 -18.54	88.89 4.57 -17.09	80.47 4.53 -8.35	74.03 4.05 -6.76	71.80 3.85 -6.94	75.10 3.78 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.09 3.84 -15.34	91.14 4.30 -19.65	102.59 5.07 -15.73	105.76 5.62 -15.00	102.45 5.03 -20.03	95.90 4.56 -22.31	87.21 3.98 -21.96	71.06 3.87 -9.48	67.91 3.67 -5.08
NORTHPORT___4 23650	71.10 3.81 -18.46	62.39 3.62 -10.49	58.26 3.48 -8.47	51.15 3.30 0.00	52.81 3.32 0.00	76.64 3.47 -18.20	91.90 4.94 -15.24	97.14 5.01 -18.54	88.89 4.57 -17.09	80.47 4.53 -8.35	74.03 4.05 -6.76	71.80 3.85 -6.94	75.10 3.78 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.09 3.84 -15.34	91.14 4.30 -19.65	102.59 5.07 -15.73	105.76 5.62 -15.00	102.45 5.03 -20.03	95.90 4.56 -22.31	87.21 3.98 -21.96	71.06 3.87 -9.48	67.91 3.67 -5.08
NORTHPORT___IC 23718	70.66 3.37 -18.46	62.01 3.24 -10.49	58.03 3.24 -8.47	50.86 3.01 0.00	52.51 3.02 0.00	76.25 3.08 -18.20	91.33 4.37 -15.24	96.55 4.42 -18.54	88.35 4.03 -17.09	80.00 4.06 -8.35	73.58 3.60 -6.76	71.37 3.42 -6.94	74.62 3.30 -11.36	74.24 3.26 -13.81	76.98 3.14 -16.67	80.59 3.34 -15.34	90.53 3.69 -19.65	101.52 4.01 -15.73	104.40 4.26 -15.00	101.45 4.02 -20.03	95.21 3.87 -22.31	86.66 3.43 -21.96	70.54 3.35 -9.48	67.38 3.14 -5.08
NORTH___COUNTRY_ESR 323785	47.80 -1.03 0.00	47.37 -0.92 0.00	45.58 -0.74 0.00	47.52 -0.33 0.00	49.39 -0.10 0.00	55.36 0.39 0.00	72.15 0.43 0.00	74.40 0.81 0.00	68.10 0.87 0.00	68.67 1.08 0.00	64.36 1.14 0.00	62.23 1.22 0.00	61.58 1.62 0.00	58.82 1.66 0.00	58.82 1.66 0.00	63.83 1.92 0.00	69.26 2.08 0.00	83.34 1.55 0.00	85.83 0.68 0.00	78.79 1.39 0.00	70.41 1.38 0.00	62.43 1.16 0.00	58.75 1.04 0.00	60.52 1.36 0.00
NPX_GEN_1385_PROXY 323591	71.05 3.76 -18.46	62.68 3.91 -10.49	59.00 4.21 -8.47	59.10 4.12 -7.14	61.70 4.11 -8.10	77.30 4.12 -18.20	92.40 5.45 -15.24	97.50 5.37 -18.54	89.29 4.97 -17.09	81.22 5.28 -8.35	74.53 4.55 -6.76	72.16 4.21 -6.94	75.28 3.96 -11.36	74.75 3.77 -13.81	77.38 3.55 -16.67	81.15 3.90 -15.34	90.80 3.96 -19.65	101.85 4.33 -15.73	104.74 4.59 -15.00	101.68 4.25 -20.03	95.00 3.66 -22.31	86.47 3.25 -21.96	70.54 3.35 -9.48	67.49 3.25 -5.08
NPX_GEN_CSC 323557	71.15 3.86 -18.46	62.39 3.62 -10.49	58.30 3.52 -8.47	51.15 3.30 0.00	52.81 3.32 0.00	76.75 3.57 -18.20	92.04 5.09 -15.24	97.28 5.15 -18.54	88.95 4.63 -17.09	80.47 4.53 -8.35	74.21 4.24 -6.76	71.98 4.03 -6.94	75.28 3.96 -11.36	74.81 3.83 -13.81	77.61 3.77 -16.67	81.33 4.09 -15.34	91.40 4.57 -19.65	103.08 5.56 -15.73	106.19 6.05 -15.00	102.84 5.42 -20.03	96.25 4.90 -22.31	87.45 4.22 -21.96	71.35 4.16 -9.48	68.20 3.96 -5.08
NSINS_S___GLNS_FALLS 23858	53.91 5.08 0.00	53.40 5.12 0.00	51.09 4.77 0.00	52.68 4.83 0.00	54.49 5.00 0.00	60.74 5.77 0.00	79.82 8.10 0.00	81.90 8.32 0.00	74.42 7.19 0.00	74.82 7.23 0.00	69.54 6.32 0.00	67.18 6.16 0.00	65.72 5.76 0.00	62.59 5.43 0.00	62.82 5.66 0.00	67.73 5.82 0.00	73.56 6.38 0.00	89.23 7.44 0.00	93.15 8.00 0.00	84.68 7.28 0.00	75.38 6.35 0.00	67.15 5.88 0.00	62.96 5.25 0.00	64.43 5.27 0.00
NUCOR_STEEL___DRP 24197	48.24 -0.59 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.18 -0.67 0.00	48.85 -0.64 0.00	54.37 -0.60 0.00	71.00 -0.72 0.00	73.00 -0.59 0.00	66.69 -0.54 0.00	66.98 -0.61 0.00	62.84 -0.38 0.00	60.59 -0.43 0.00	59.42 -0.54 0.00	56.54 -0.63 0.00	56.54 -0.63 0.00	61.29 -0.62 0.00	66.44 -0.74 0.00	81.38 -0.41 0.00	84.98 -0.17 0.00	76.94 -0.46 0.00	68.55 -0.48 0.00	60.72 -0.55 0.00	57.07 -0.63 0.00	58.51 -0.65 0.00
NUMBER_THREE_WT_PWR 323818	50.29 1.46 0.00	49.59 1.30 0.00	47.38 1.07 0.00	49.14 1.29 0.00	50.83 1.34 0.00	57.17 2.20 0.00	75.02 3.30 0.00	77.85 4.27 0.00	71.12 3.90 0.00	71.37 3.78 0.00	66.95 3.73 0.00	64.67 3.66 0.00	63.68 3.72 0.00	60.99 3.83 0.00	60.99 3.83 0.00	66.43 4.52 0.00	71.95 4.77 0.00	86.36 4.58 0.00	89.83 4.68 0.00	81.42 4.02 0.00	72.42 3.38 0.00	64.15 2.88 0.00	60.36 2.66 0.00	61.88 2.72 0.00
NYISO_LBMP_REFERENCE 24008	48.83 0.00 0.00	48.28 0.00 0.00	46.32 0.00 0.00	47.85 0.00 0.00	49.49 0.00 0.00	54.97 0.00 0.00	71.71 0.00 0.00	73.59 0.00 0.00	67.22 0.00 0.00	67.59 0.00 0.00	63.22 0.00 0.00	61.01 0.00 0.00	59.96 0.00 0.00	57.16 0.00 0.00	57.16 0.00 0.00	61.91 0.00 0.00	67.18 0.00 0.00	81.79 0.00 0.00	85.15 0.00 0.00	77.40 0.00 0.00	69.03 0.00 0.00	61.27 0.00 0.00	57.71 0.00 0.00	59.16 0.00 0.00

NYPA_BRENTWD____GT 24164	71.24 3.95 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.16 4.84 -17.09	80.67 4.73 -8.35	74.34 4.36 -6.76	72.10 4.15 -6.94	75.40 4.08 -11.36	74.92 3.94 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	102.99 5.48 -15.73	106.02 5.87 -15.00	102.76 5.34 -20.03	96.25 4.90 -22.31	87.45 4.22 -21.96	71.35 4.16 -9.48	68.14 3.90 -5.08
NYPA_GOWANUS____GT5 24156	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NYPA_GOWANUS____GT6 24157	68.38 3.27 -16.28	66.83 3.04 -15.50	66.30 2.92 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.48 3.90 0.00	70.99 3.76 0.00	145.37 3.78 -74.00	70.14 3.29 -3.63	70.09 3.11 -5.97	70.01 3.00 -7.05	69.96 2.91 -9.88	70.02 2.91 -9.94	90.86 3.03 -25.92	70.59 3.36 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	69.98 3.06 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59
NYPA_HARLEM__RVR__GT1 24160	51.57 2.73 -0.01	50.85 2.56 -0.01	48.78 2.45 -0.01	50.15 2.30 -0.01	51.57 2.08 0.00	57.00 2.04 0.01	74.65 2.94 0.01	76.67 3.09 0.01	70.17 2.95 0.01	70.63 3.04 0.01	65.74 2.53 0.01	63.38 2.38 0.01	62.23 2.28 0.01	59.45 2.29 0.01	59.38 2.23 0.01	64.19 2.29 0.01	69.72 2.55 0.01	84.56 2.78 0.01	88.29 3.15 0.01	80.26 2.87 0.01	71.72 2.69 0.01	63.59 2.33 0.01	60.07 2.37 0.01	61.16 2.01 0.01
NYPA_HARLEM__RVR__GT2 24161	51.57 2.73 -0.01	50.85 2.56 -0.01	48.78 2.45 -0.01	50.15 2.30 -0.01	51.57 2.08 0.00	57.00 2.04 0.01	74.65 2.94 0.01	76.67 3.09 0.01	70.17 2.95 0.01	70.63 3.04 0.01	65.74 2.53 0.01	63.38 2.38 0.01	62.23 2.28 0.01	59.45 2.29 0.01	59.38 2.23 0.01	64.19 2.29 0.01	69.72 2.55 0.01	84.56 2.78 0.01	88.29 3.15 0.01	80.26 2.87 0.01	71.72 2.69 0.01	63.59 2.33 0.01	60.07 2.37 0.01	61.16 2.01 0.01
NYPA_KENT____GT 24152	61.28 3.13 -9.32	60.06 2.90 -8.88	58.87 2.78 -9.77	59.45 2.63 -8.97	60.09 2.47 -8.13	62.49 2.48 -5.04	75.23 3.51 0.00	77.34 3.75 0.00	70.78 3.56 0.00	118.75 3.58 -47.58	68.40 3.10 -2.08	67.36 2.93 -3.42	66.82 2.82 -4.04	65.57 2.74 -5.66	65.60 2.74 -5.69	79.60 2.85 -14.84	70.37 3.16 -0.03	115.86 3.51 -30.56	117.21 3.92 -28.14	110.00 3.56 -29.03	110.92 3.31 -38.58	67.38 2.88 -3.23	65.81 2.83 -5.27	65.47 2.54 -3.77
NYPA_POUCH1____GT 24155	68.23 3.13 -16.28	66.68 2.90 -15.50	66.21 2.83 -17.06	66.19 2.68 -15.66	66.21 2.52 -14.20	66.31 2.53 -8.81	72.06 3.30 2.95	77.12 3.53 0.00	70.65 3.43 0.00	71.05 3.45 -0.01	69.83 2.97 -3.63	69.79 2.81 -5.97	69.72 2.70 -7.05	69.74 2.69 -9.88	69.73 2.63 -9.94	90.61 2.79 -25.92	70.26 3.03 -0.06	138.60 3.43 -53.38	138.22 3.92 -49.16	131.60 3.49 -50.71	139.66 3.25 -67.38	69.68 2.76 -5.65	69.74 2.83 -9.21	68.29 2.54 -6.59
NYPA_VERNON____GT2 24162	54.13 2.93 -2.37	53.24 2.70 -2.26	51.44 2.64 -2.48	52.61 2.49 -2.28	53.88 2.33 -2.06	58.56 2.31 -1.28	75.09 3.37 0.00	77.12 3.53 0.00	70.58 3.36 0.00	92.13 3.38 -21.16	66.60 2.85 -0.53	64.56 2.68 -0.87	63.56 2.58 -1.02	61.17 2.57 -1.43	61.12 2.51 -1.44	68.33 2.66 -3.76	70.07 2.89 -0.01	92.80 3.27 -7.74	96.02 3.74 -7.13	88.08 3.33 -7.35	81.91 3.11 -9.77	64.72 2.63 -0.82	61.70 2.66 -1.34	62.42 2.30 -0.96
NYPA_VERNON____GT3 24163	54.13 2.93 -2.37	53.24 2.70 -2.26	51.44 2.64 -2.48	52.61 2.49 -2.28	53.88 2.33 -2.06	58.56 2.31 -1.28	75.09 3.37 0.00	77.12 3.53 0.00	70.58 3.36 0.00	92.13 3.38 -21.16	66.60 2.85 -0.53	64.56 2.68 -0.87	63.56 2.58 -1.02	61.17 2.57 -1.43	61.12 2.51 -1.44	68.33 2.66 -3.76	70.07 2.89 -0.01	92.80 3.27 -7.74	96.02 3.74 -7.13	88.08 3.33 -7.35	81.91 3.11 -9.77	64.72 2.63 -0.82	61.70 2.66 -1.34	62.42 2.30 -0.96
NYPA__ASTORIA_CC1 323568	51.72 2.88 -0.01	51.00 2.70 -0.01	48.92 2.59 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.23 2.25 0.00	75.02 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.41 3.31 -10.50	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.62 2.46 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.24 2.54 0.00	61.41 2.25 0.00
NYPA__ASTORIA_CC2 323569	51.72 2.88 -0.01	51.00 2.70 -0.01	48.92 2.59 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.23 2.25 0.00	75.02 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.41 3.31 -10.50	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.62 2.46 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.00 2.82 0.00	84.97 3.19 0.00	88.72 3.58 0.00	80.57 3.17 0.00	72.00 2.97 0.00	63.84 2.57 0.00	60.24 2.54 0.00	61.41 2.25 0.00
NYPA__HOLTSVILL 23794	71.05 3.76 -18.46	62.29 3.52 -10.49	58.21 3.43 -8.47	51.06 3.21 0.00	52.71 3.22 0.00	76.58 3.41 -18.20	91.90 4.94 -15.24	97.06 4.93 -18.54	88.82 4.50 -17.09	80.34 4.39 -8.35	74.09 4.11 -6.76	71.80 3.85 -6.94	75.10 3.78 -11.36	74.64 3.66 -13.81	77.44 3.60 -16.67	81.15 3.90 -15.34	91.14 4.30 -19.65	102.67 5.16 -15.73	105.76 5.62 -15.00	102.53 5.11 -20.03	95.97 4.63 -22.31	87.21 3.98 -21.96	71.12 3.93 -9.48	67.97 3.73 -5.08
NYPA__HELLGATE_GT1 24158	51.57 2.73 -0.01	50.85 2.56 -0.01	48.78 2.45 -0.01	50.15 2.30 -0.01	51.57 2.08 0.00	57.00 2.04 0.01	74.65 2.94 0.01	76.67 3.09 0.01	70.17 2.95 0.01	70.63 3.04 0.01	65.74 2.53 0.01	63.38 2.38 0.01	62.23 2.28 0.01	59.45 2.29 0.01	59.38 2.23 0.01	64.19 2.29 0.01	69.72 2.55 0.01	84.56 2.78 0.01	88.29 3.15 0.01	80.26 2.87 0.01	71.72 2.69 0.01	63.59 2.33 0.01	60.07 2.37 0.01	61.16 2.01 0.01
NYPA__HELLGATE_GT2 24159	51.57 2.73 -0.01	50.85 2.56 -0.01	48.78 2.45 -0.01	50.15 2.30 -0.01	51.57 2.08 0.00	57.00 2.04 0.01	74.65 2.94 0.01	76.67 3.09 0.01	70.17 2.95 0.01	70.63 3.04 0.01	65.74 2.53 0.01	63.38 2.38 0.01	62.23 2.28 0.01	59.45 2.29 0.01	59.38 2.23 0.01	64.19 2.29 0.01	69.72 2.55 0.01	84.56 2.78 0.01	88.29 3.15 0.01	80.26 2.87 0.01	71.72 2.69 0.01	63.59 2.33 0.01	60.07 2.37 0.01	61.16 2.01 0.01
NYS_BARGE__HYD 23848	44.58 -4.25 0.00	43.99 -4.30 0.00	42.34 -3.98 0.00	43.69 -4.16 0.00	45.24 -4.26 0.00	50.85 -4.12 0.00	65.62 -6.10 0.00	67.11 -6.48 0.00	61.17 -6.05 0.00	61.78 -5.81 0.00	58.61 -4.61 0.00	56.98 -4.03 0.00	55.95 -4.02 0.00	52.76 -4.40 0.00	52.71 -4.46 0.00	57.27 -4.64 0.00	61.13 -6.05 0.00	76.15 -5.64 0.00	79.79 -5.36 0.00	71.59 -5.81 0.00	63.58 -5.46 0.00	56.80 -4.47 0.00	53.55 -4.16 0.00	55.20 -3.96 0.00

OAK ORCHARD___HYD 24046	46.14 -2.69 0.00	45.53 -2.75 0.00	43.68 -2.64 0.00	45.12 -2.73 0.00	46.77 -2.72 0.00	52.33 -2.64 0.00	67.84 -3.87 0.00	69.61 -3.97 0.00	63.53 -3.70 0.00	64.07 -3.52 0.00	60.31 -2.91 0.00	58.33 -2.68 0.00	57.33 -2.64 0.00	54.31 -2.86 0.00	54.25 -2.91 0.00	58.88 -3.03 0.00	63.35 -3.83 0.00	78.36 -3.43 0.00	82.00 -3.15 0.00	73.76 -3.64 0.00	65.58 -3.45 0.00	58.39 -2.88 0.00	54.94 -2.77 0.00	56.44 -2.72 0.00
OAKDALE___35_KV_LOAD 356122	48.44 -0.39 0.00	47.90 -0.39 0.00	45.95 -0.37 0.00	47.42 -0.43 0.00	49.05 -0.45 0.00	54.53 -0.44 0.00	71.21 -0.50 0.00	73.07 -0.52 0.00	66.75 -0.47 0.00	66.92 -0.68 0.00	62.84 -0.38 0.00	60.65 -0.37 0.00	59.48 -0.48 0.00	56.59 -0.57 0.00	56.59 -0.57 0.00	61.35 -0.56 0.00	66.51 -0.67 0.00	81.54 -0.25 0.00	85.15 0.00 0.00	77.09 -0.31 0.00	68.62 -0.41 0.00	60.84 -0.43 0.00	57.30 -0.40 0.00	58.81 -0.35 0.00
OCC_CHEM___DRP 24175	43.70 -5.13 0.00	43.12 -5.17 0.00	41.36 -4.96 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	59.82 -7.77 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.16 -6.00 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.32 -7.86 0.00	74.10 -7.69 0.00	77.40 -7.75 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	54.96 -6.31 0.00	52.23 -5.48 0.00	53.95 -5.21 0.00
OH_GEN_PROXY 24063	44.29 -4.54 0.00	43.70 -4.59 0.00	42.10 -4.21 0.00	43.40 -4.45 0.00	44.94 -4.55 0.00	50.30 -4.67 0.00	64.97 -6.74 0.00	66.45 -7.14 0.00	60.50 -6.72 0.00	61.04 -6.56 0.00	57.78 -5.44 0.00	56.13 -4.88 0.00	55.11 -4.85 0.00	52.02 -5.14 0.00	51.91 -5.26 0.00	56.40 -5.51 0.00	60.26 -6.92 0.00	75.00 -6.79 0.00	78.51 -6.64 0.00	70.59 -6.81 0.00	62.68 -6.35 0.00	56.00 -5.27 0.00	52.86 -4.85 0.00	54.55 -4.61 0.00
OLIN_CORP_DRP 24177	44.00 -4.83 0.00	43.41 -4.88 0.00	41.64 -4.68 0.00	43.16 -4.69 0.00	44.64 -4.85 0.00	50.08 -4.89 0.00	64.62 -7.10 0.00	66.08 -7.51 0.00	60.17 -7.06 0.00	60.36 -7.23 0.00	57.59 -5.63 0.00	55.95 -5.06 0.00	54.93 -5.04 0.00	51.68 -5.49 0.00	51.73 -5.43 0.00	56.21 -5.70 0.00	59.92 -7.26 0.00	74.84 -6.95 0.00	78.25 -6.90 0.00	70.36 -7.04 0.00	62.48 -6.56 0.00	55.45 -5.82 0.00	52.69 -5.02 0.00	54.37 -4.79 0.00
OLIN_CORP_DSASP 323712	43.70 -5.13 0.00	43.12 -5.17 0.00	41.55 -4.77 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	60.23 -7.37 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.33 -5.83 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.46 -7.72 0.00	74.10 -7.69 0.00	77.57 -7.58 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	55.33 -5.94 0.00	52.22 -5.48 0.00	53.95 -5.21 0.00
ONEIDA_HERK_LFGE 323681	50.19 1.37 0.00	49.54 1.25 0.00	47.38 1.07 0.00	49.09 1.24 0.00	50.78 1.28 0.00	56.73 1.76 0.00	74.44 2.72 0.00	76.82 3.23 0.00	70.18 2.95 0.00	70.50 2.90 0.00	66.07 2.85 0.00	63.69 2.68 0.00	62.60 2.64 0.00	59.80 2.63 0.00	59.80 2.63 0.00	64.94 3.03 0.00	70.40 3.22 0.00	85.38 3.59 0.00	88.89 3.74 0.00	80.42 3.02 0.00	71.59 2.56 0.00	63.41 2.14 0.00	59.67 1.96 0.00	61.17 2.01 0.00
ONEIDA___115KV_TB4 55905	50.05 1.22 0.00	49.40 1.11 0.00	47.34 1.02 0.00	48.95 1.10 0.00	50.63 1.14 0.00	56.46 1.48 0.00	74.51 2.80 0.00	76.60 3.02 0.00	70.05 2.82 0.00	70.30 2.70 0.00	65.81 2.59 0.00	63.45 2.44 0.00	62.24 2.28 0.00	59.39 2.23 0.00	59.34 2.17 0.00	64.39 2.48 0.00	69.87 2.69 0.00	85.22 3.44 0.00	88.21 3.07 0.00	79.80 2.40 0.00	71.04 2.00 0.00	62.92 1.65 0.00	59.15 1.44 0.00	60.64 1.48 0.00
ONONDAGA_REF_OCCRA 23987	48.10 -0.73 0.00	47.51 -0.77 0.00	45.53 -0.79 0.00	47.04 -0.81 0.00	48.65 -0.84 0.00	54.15 -0.82 0.00	70.64 -1.08 0.00	72.48 -1.10 0.00	66.28 -0.94 0.00	66.51 -1.08 0.00	62.40 -0.82 0.00	60.22 -0.79 0.00	59.06 -0.90 0.00	56.19 -0.97 0.00	56.19 -0.97 0.00	60.92 -0.99 0.00	66.04 -1.14 0.00	80.89 -0.90 0.00	84.47 -0.68 0.00	76.47 -0.93 0.00	68.14 -0.90 0.00	60.47 -0.80 0.00	56.84 -0.87 0.00	58.21 -0.95 0.00
ONONDAGA___COGEN 23986	48.24 -0.59 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.18 -0.67 0.00	48.80 -0.69 0.00	54.31 -0.66 0.00	70.85 -0.86 0.00	72.85 -0.74 0.00	66.62 -0.61 0.00	66.85 -0.74 0.00	62.72 -0.51 0.00	60.53 -0.49 0.00	59.36 -0.60 0.00	56.54 -0.63 0.00	56.48 -0.69 0.00	61.29 -0.62 0.00	66.44 -0.74 0.00	81.21 -0.57 0.00	84.81 -0.34 0.00	76.78 -0.62 0.00	68.48 -0.55 0.00	60.72 -0.55 0.00	57.01 -0.69 0.00	58.45 -0.71 0.00
ONTARIO___LFGE 23819	47.95 -0.88 0.00	47.32 -0.97 0.00	45.44 -0.88 0.00	46.94 -0.91 0.00	48.60 -0.89 0.00	54.37 -0.60 0.00	70.64 -1.07 0.00	72.63 -0.96 0.00	66.28 -0.94 0.00	66.65 -0.95 0.00	62.65 -0.57 0.00	60.65 -0.36 0.00	59.36 -0.60 0.00	56.42 -0.74 0.00	56.31 -0.86 0.00	61.23 -0.68 0.00	66.04 -1.14 0.00	81.46 -0.33 0.00	85.06 -0.09 0.00	76.78 -0.62 0.00	68.28 -0.76 0.00	60.84 -0.43 0.00	57.02 -0.69 0.00	58.51 -0.65 0.00
ORANGEVILLE_WT_PWR 323706	45.66 -3.17 0.00	45.15 -3.14 0.00	43.54 -2.78 0.00	45.03 -2.82 0.00	46.62 -2.87 0.00	52.33 -2.64 0.00	67.91 -3.80 0.00	69.54 -4.05 0.00	63.32 -3.90 0.00	63.74 -3.85 0.00	60.25 -2.97 0.00	58.45 -2.56 0.00	57.27 -2.70 0.00	54.08 -3.09 0.00	53.96 -3.20 0.00	58.69 -3.22 0.00	62.95 -4.23 0.00	78.43 -3.36 0.00	82.17 -2.98 0.00	73.76 -3.64 0.00	65.52 -3.52 0.00	58.45 -2.82 0.00	55.05 -2.65 0.00	56.73 -2.43 0.00
ORANGEVILLE___ESR 323794	45.66 -3.17 0.00	45.15 -3.14 0.00	43.54 -2.78 0.00	45.03 -2.82 0.00	46.62 -2.87 0.00	52.33 -2.64 0.00	67.91 -3.80 0.00	69.54 -4.05 0.00	63.32 -3.90 0.00	63.74 -3.85 0.00	60.25 -2.97 0.00	58.45 -2.56 0.00	57.27 -2.70 0.00	54.08 -3.09 0.00	53.96 -3.20 0.00	58.69 -3.22 0.00	62.95 -4.23 0.00	78.43 -3.36 0.00	82.17 -2.98 0.00	73.76 -3.64 0.00	65.52 -3.52 0.00	58.45 -2.82 0.00	55.05 -2.65 0.00	56.73 -2.43 0.00
OSWEGATCHIE___HYD 24044	49.66 0.83 0.00	49.01 0.73 0.00	46.92 0.60 0.00	48.71 0.86 0.00	50.33 0.84 0.00	57.33 2.36 0.00	74.80 3.08 0.00	77.48 3.90 0.00	70.72 3.49 0.00	71.04 3.45 0.00	66.89 3.67 0.00	64.86 3.85 0.00	64.40 4.44 0.00	61.91 4.74 0.00	61.85 4.69 0.00	67.36 5.45 0.00	72.69 5.51 0.00	84.97 3.19 0.00	87.62 2.47 0.00	80.11 2.71 0.00	71.38 2.35 0.00	63.47 2.20 0.00	59.90 2.19 0.00	61.47 2.30 0.00
OSWEGO___5 23606	47.22 -1.61 0.00	46.69 -1.59 0.00	44.79 -1.53 0.00	46.22 -1.63 0.00	47.86 -1.63 0.00	53.21 -1.76 0.00	69.35 -2.36 0.00	71.16 -2.43 0.00	65.01 -2.22 0.00	65.36 -2.23 0.00	61.20 -2.03 0.00	59.12 -1.89 0.00	58.04 -1.92 0.00	55.28 -1.89 0.00	55.22 -1.94 0.00	59.87 -2.04 0.00	64.89 -2.28 0.00	79.25 -2.54 0.00	82.68 -2.47 0.00	74.92 -2.48 0.00	66.82 -2.21 0.00	59.31 -1.96 0.00	55.80 -1.90 0.00	57.21 -1.95 0.00

OSWEGO___6 23613	47.22 -1.61 0.00	46.69 -1.59 0.00	44.79 -1.53 0.00	46.22 -1.63 0.00	47.86 -1.63 0.00	53.21 -1.76 0.00	69.35 -2.36 0.00	71.16 -2.43 0.00	65.01 -2.22 0.00	65.36 -2.23 0.00	61.20 -2.03 0.00	59.12 -1.89 0.00	58.04 -1.92 0.00	55.28 -1.89 0.00	55.22 -1.94 0.00	59.87 -2.04 0.00	64.89 -2.28 0.00	79.25 -2.54 0.00	82.68 -2.47 0.00	74.92 -2.48 0.00	66.82 -2.21 0.00	59.31 -1.96 0.00	55.80 -1.90 0.00	57.21 -1.95 0.00
OUTOKUMPU-AB___DRP 24206	44.87 -3.96 0.00	44.28 -4.01 0.00	42.52 -3.80 0.00	44.02 -3.83 0.00	45.58 -3.91 0.00	51.23 -3.74 0.00	66.19 -5.52 0.00	67.70 -5.89 0.00	61.71 -5.51 0.00	61.91 -5.68 0.00	59.11 -4.11 0.00	57.47 -3.54 0.00	56.42 -3.54 0.00	53.05 -4.12 0.00	53.11 -4.06 0.00	57.76 -4.15 0.00	61.47 -5.71 0.00	76.72 -5.07 0.00	80.30 -4.85 0.00	72.14 -5.26 0.00	64.06 -4.97 0.00	56.86 -4.41 0.00	53.96 -3.75 0.00	55.61 -3.55 0.00
OXBOW___BTM 323836	44.19 -4.64 0.00	43.60 -4.68 0.00	42.01 -4.31 0.00	43.35 -4.50 0.00	44.84 -4.65 0.00	50.35 -4.62 0.00	64.97 -6.74 0.00	66.45 -7.14 0.00	60.57 -6.66 0.00	61.17 -6.42 0.00	57.97 -5.25 0.00	56.37 -4.64 0.00	55.35 -4.62 0.00	52.19 -4.97 0.00	52.13 -5.03 0.00	56.65 -5.26 0.00	60.40 -6.78 0.00	75.24 -6.55 0.00	78.85 -6.30 0.00	70.82 -6.58 0.00	62.82 -6.21 0.00	56.18 -5.08 0.00	53.03 -4.67 0.00	54.66 -4.50 0.00
OXBOW____ 24026	44.19 -4.64 0.00	43.60 -4.68 0.00	41.83 -4.49 0.00	43.35 -4.50 0.00	44.84 -4.65 0.00	50.35 -4.62 0.00	64.97 -6.74 0.00	66.45 -7.14 0.00	60.57 -6.66 0.00	60.77 -6.83 0.00	58.04 -5.18 0.00	56.38 -4.64 0.00	55.35 -4.62 0.00	52.02 -5.14 0.00	52.08 -5.09 0.00	56.65 -5.26 0.00	60.33 -6.85 0.00	75.24 -6.54 0.00	78.76 -6.39 0.00	70.74 -6.66 0.00	62.82 -6.21 0.00	55.82 -5.45 0.00	53.03 -4.67 0.00	54.66 -4.50 0.00
OXY_CHEM_DSASP 323612	43.70 -5.13 0.00	43.12 -5.17 0.00	41.36 -4.96 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	59.82 -7.77 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.16 -6.00 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.32 -7.86 0.00	74.10 -7.69 0.00	77.40 -7.75 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	54.96 -6.31 0.00	52.23 -5.48 0.00	53.95 -5.21 0.00
OZONE_PARK_ESR 323760	51.81 2.98 0.00	51.04 2.75 0.00	48.96 2.64 0.00	50.34 2.49 0.00	51.82 2.33 0.00	57.33 2.36 0.00	75.37 3.66 0.00	77.34 3.75 0.00	70.72 3.50 0.00	71.24 3.65 0.00	66.19 2.97 0.00	63.82 2.81 0.00	62.66 2.70 0.00	59.85 2.69 0.00	59.79 2.63 0.00	64.70 2.79 0.00	70.34 3.16 0.00	85.47 3.68 0.00	89.24 4.09 0.00	81.11 3.72 0.00	72.42 3.38 0.00	64.27 3.00 0.00	60.59 2.89 0.00	61.70 2.54 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	43.70 -5.13 0.00	43.12 -5.17 0.00	41.36 -4.96 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	59.82 -7.77 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.16 -6.00 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.32 -7.86 0.00	74.10 -7.69 0.00	77.40 -7.75 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	54.96 -6.31 0.00	52.23 -5.48 0.00	53.95 -5.21 0.00
PACKARD__115KV_DUPONT_184 80571	43.70 -5.13 0.00	43.12 -5.17 0.00	41.36 -4.96 0.00	42.83 -5.02 0.00	44.34 -5.15 0.00	49.69 -5.28 0.00	64.04 -7.67 0.00	65.49 -8.09 0.00	59.63 -7.60 0.00	59.82 -7.77 0.00	57.09 -6.13 0.00	55.46 -5.55 0.00	54.45 -5.52 0.00	51.16 -6.00 0.00	51.28 -5.89 0.00	55.72 -6.19 0.00	59.32 -7.86 0.00	74.10 -7.69 0.00	77.40 -7.75 0.00	69.66 -7.74 0.00	61.85 -7.18 0.00	54.96 -6.31 0.00	52.23 -5.48 0.00	53.95 -5.21 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.52 2.69 -0.01	50.80 2.51 -0.01	48.78 2.45 -0.01	50.15 2.30 -0.01	51.57 2.08 0.00	56.95 1.98 0.00	74.66 2.94 0.00	76.68 3.09 0.00	70.18 2.96 0.00	70.69 3.11 0.01	65.69 2.47 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.45 2.29 0.00	59.34 2.17 0.00	64.20 2.29 0.00	69.73 2.55 0.00	84.57 2.78 0.00	88.21 3.07 0.00	80.19 2.79 0.00	71.73 2.69 0.00	63.66 2.39 0.00	60.02 2.31 0.00	61.11 1.95 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.91 3.08 -0.01	51.19 2.90 -0.01	49.15 2.83 -0.01	50.49 2.63 -0.01	51.97 2.47 0.00	57.39 2.42 0.00	75.23 3.51 0.00	77.27 3.68 0.00	70.72 3.50 0.00	71.17 3.58 0.01	66.13 2.91 0.00	63.76 2.75 0.00	62.60 2.64 0.00	59.79 2.63 0.00	59.68 2.52 0.00	64.51 2.60 0.00	70.13 2.96 0.00	85.14 3.35 0.00	88.81 3.66 0.00	80.73 3.33 0.00	72.21 3.18 0.00	64.09 2.82 0.00	60.42 2.71 0.00	61.59 2.43 0.00
PATROON__115KV_TB1 80586	50.68 1.86 0.00	50.12 1.83 0.00	48.03 1.71 0.00	49.52 1.67 0.00	51.17 1.68 0.00	56.73 1.76 0.00	73.94 2.22 0.00	75.72 2.13 0.00	69.11 1.88 0.00	69.48 1.89 0.00	64.93 1.71 0.00	62.66 1.65 0.00	61.46 1.50 0.00	58.65 1.49 0.00	58.71 1.54 0.00	63.27 1.36 0.00	68.66 1.48 0.00	83.01 1.23 0.00	86.51 1.36 0.00	78.79 1.39 0.00	70.48 1.45 0.00	62.68 1.41 0.00	59.03 1.33 0.00	60.70 1.54 0.00
PATTRSNVILLE__SOLAR 323815	50.73 1.90 0.00	50.17 1.88 0.00	48.08 1.76 0.00	49.62 1.77 0.00	51.27 1.78 0.00	56.95 1.98 0.00	74.44 2.72 0.00	76.31 2.72 0.00	69.44 2.22 0.00	69.69 2.10 0.00	64.99 1.77 0.00	62.60 1.58 0.00	61.46 1.50 0.00	58.71 1.54 0.00	58.76 1.60 0.00	63.77 1.86 0.00	69.39 2.21 0.00	84.48 2.69 0.00	88.21 3.06 0.00	80.11 2.71 0.00	71.38 2.35 0.00	63.41 2.14 0.00	59.67 1.96 0.00	61.05 1.89 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	46.78 -2.05 0.00	46.16 -2.12 0.00	44.37 -1.95 0.00	45.94 -1.91 0.00	47.56 -1.93 0.00	53.43 -1.54 0.00	69.35 -2.37 0.00	70.94 -2.65 0.00	64.80 -2.42 0.00	65.02 -2.57 0.00	61.96 -1.26 0.00	60.22 -0.79 0.00	59.06 -0.90 0.00	55.62 -1.54 0.00	55.68 -1.49 0.00	60.55 -1.36 0.00	64.16 -3.02 0.00	79.91 -1.88 0.00	83.62 -1.53 0.00	75.15 -2.24 0.00	66.69 -2.35 0.00	59.13 -2.14 0.00	56.03 -1.67 0.00	57.74 -1.42 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	51.71 2.88 0.00	51.09 2.80 0.00	48.96 2.64 0.00	50.34 2.49 0.00	51.97 2.47 0.00	57.66 2.69 0.00	75.59 3.87 0.00	77.27 3.68 0.00	70.72 3.50 0.00	70.97 3.38 0.00	66.13 2.91 0.00	63.76 2.75 0.00	62.54 2.58 0.00	59.74 2.57 0.00	59.74 2.57 0.00	64.57 2.66 0.00	70.27 3.09 0.00	85.47 3.68 0.00	89.15 4.00 0.00	81.27 3.87 0.00	72.42 3.38 0.00	64.27 3.00 0.00	60.53 2.83 0.00	61.82 2.66 0.00
PEEKSKILL____ 23653	51.17 2.34 0.00	50.46 2.17 0.00	48.41 2.09 0.00	49.81 1.96 0.00	51.37 1.88 0.00	56.78 1.81 0.00	74.44 2.72 0.00	76.31 2.72 0.00	69.64 2.42 0.00	69.96 2.36 0.00	65.24 2.02 0.00	62.91 1.89 0.00	61.76 1.80 0.00	58.94 1.77 0.00	58.94 1.77 0.00	63.71 1.80 0.00	69.26 2.08 0.00	84.24 2.45 0.00	87.95 2.81 0.00	79.95 2.55 0.00	71.31 2.27 0.00	63.23 1.96 0.00	59.73 2.02 0.00	61.00 1.84 0.00

PGE MADISON___WINDPWR 24146	51.91 3.08 0.00	51.18 2.90 0.00	49.00 2.69 0.00	50.87 3.02 0.00	52.71 3.22 0.00	58.87 3.90 0.00	77.45 5.74 0.00	79.77 6.18 0.00	73.01 5.78 0.00	72.93 5.34 0.00	68.34 5.12 0.00	65.78 4.76 0.00	64.34 4.37 0.00	61.28 4.12 0.00	61.45 4.29 0.00	66.86 4.95 0.00	72.75 5.57 0.00	89.97 8.18 0.00	94.60 9.45 0.00	84.83 7.43 0.00	75.31 6.28 0.00	66.42 5.15 0.00	62.33 4.62 0.00	63.90 4.73 0.00
PIERCEFIELD___HYD 23852	49.27 0.44 0.00	48.72 0.43 0.00	46.74 0.42 0.00	48.61 0.77 0.00	50.18 0.69 0.00	57.77 2.80 0.00	75.01 3.30 0.00	77.12 3.53 0.00	70.45 3.23 0.00	70.77 3.18 0.00	66.83 3.60 0.00	65.10 4.09 0.00	65.18 5.22 0.00	62.71 5.54 0.00	62.71 5.54 0.00	68.16 6.25 0.00	73.43 6.25 0.00	83.75 1.96 0.00	85.74 0.60 0.00	78.95 1.55 0.00	70.55 1.52 0.00	62.99 1.72 0.00	59.55 1.85 0.00	61.23 2.07 0.00
PINELAWN_CC_1 323563	70.95 3.66 -18.46	62.25 3.48 -10.49	58.12 3.34 -8.47	51.01 3.16 0.00	52.66 3.17 0.00	76.42 3.24 -18.20	91.76 4.81 -15.24	96.91 4.78 -18.54	88.68 4.37 -17.09	80.27 4.33 -8.35	73.84 3.86 -6.76	71.61 3.66 -6.94	74.92 3.60 -11.36	74.47 3.49 -13.81	77.32 3.49 -16.67	80.96 3.71 -15.34	90.93 4.10 -19.65	102.42 4.91 -15.73	105.60 5.45 -15.00	102.31 4.88 -20.03	95.77 4.42 -22.31	87.03 3.80 -21.96	70.89 3.70 -9.48	67.73 3.49 -5.08
PJM_GEN_HTP_PROXY 323702	51.37 2.54 0.00	50.60 2.32 0.00	48.59 2.27 0.00	49.95 2.10 0.00	51.47 1.98 0.00	56.89 1.92 0.00	74.80 3.08 0.00	76.75 3.16 0.00	70.11 2.89 0.00	70.50 2.90 0.00	65.62 2.40 0.00	63.27 2.26 0.00	62.12 2.16 0.00	59.34 2.17 0.00	59.28 2.12 0.00	64.14 2.23 0.00	69.67 2.49 0.00	84.65 2.86 0.00	88.47 3.32 0.00	80.34 2.94 0.00	71.72 2.69 0.00	63.54 2.27 0.00	60.02 2.31 0.00	61.17 2.01 0.00
PJM_GEN_KEystone 24065	48.44 -0.39 0.00	47.80 -0.48 0.00	45.95 -0.37 0.00	47.28 -0.57 0.00	48.85 -0.64 0.00	51.85 -0.72 2.40	70.65 -0.86 0.21	72.14 -1.10 0.34	53.25 -1.14 12.83	52.63 -1.08 13.88	49.13 -0.89 13.21	48.20 -0.79 12.02	47.78 -0.84 11.34	47.17 -0.92 9.08	47.59 -0.97 8.60	49.65 -1.05 11.21	52.24 -1.48 13.46	70.79 -1.22 9.77	83.06 -0.93 1.16	75.01 -1.16 1.23	65.90 -1.17 1.96	57.54 -0.98 2.75	50.37 -0.81 6.53	49.03 -0.77 9.36
PJM_GEN_NEPTUNE_PROXY 323594	61.87 3.08 -9.96	56.84 2.90 -5.66	53.71 2.83 -4.57	50.48 2.63 0.00	52.06 2.57 0.00	67.43 2.64 -9.82	83.80 3.87 -8.22	87.49 3.90 -10.00	80.00 3.56 -9.22	75.61 3.51 -4.51	69.96 3.10 -3.65	67.68 2.93 -3.74	68.91 2.82 -6.13	67.36 2.74 -7.45	68.90 2.74 -8.99	73.03 2.85 -8.27	81.01 3.22 -10.60	94.04 3.76 -8.48	97.41 4.17 -8.09	91.99 3.79 -10.80	84.52 3.45 -12.04	76.12 3.00 -11.84	65.77 2.94 -5.12	64.68 2.78 -2.74
PJM_GEN_VFT_PROXY 323633	51.08 2.25 0.00	50.31 2.03 0.00	48.31 1.99 0.00	49.67 1.82 0.00	51.18 1.68 0.00	54.02 1.54 2.49	71.33 2.58 2.96	71.26 2.57 4.90	54.47 2.42 15.17	52.54 2.43 17.48	53.09 2.02 12.15	53.09 1.89 9.82	53.09 1.80 8.67	53.09 1.77 5.85	53.09 1.77 5.85	53.09 1.80 10.62	53.09 2.08 16.17	63.29 2.29 20.78	68.69 2.72 19.18	68.16 2.40 11.64	61.74 2.21 9.50	57.25 1.90 5.92	53.09 1.96 6.58	53.09 1.65 7.72
PLATSBURG_115KV_PMLD1 355749	47.46 -1.37 0.00	47.17 -1.11 0.00	45.53 -0.79 0.00	47.75 -0.10 0.00	49.89 0.40 0.00	56.24 1.26 0.00	72.93 1.22 0.00	75.35 1.77 0.00	69.04 1.82 0.00	69.75 2.16 0.00	65.43 2.21 0.00	63.39 2.38 0.00	62.84 2.88 0.00	59.97 2.80 0.00	60.02 2.86 0.00	65.13 3.22 0.00	70.67 3.49 0.00	84.40 2.62 0.00	86.94 1.79 0.00	79.80 2.40 0.00	71.79 2.76 0.00	63.60 2.33 0.00	59.73 2.02 0.00	62.12 2.96 0.00
PLEASANTVLY___LBMP 24000	51.12 2.29 0.00	50.46 2.17 0.00	48.40 2.08 0.00	49.81 1.96 0.00	51.37 1.88 0.00	56.84 1.87 0.00	74.37 2.65 0.00	76.24 2.65 0.00	69.64 2.42 0.00	70.03 2.43 0.00	65.18 1.96 0.00	62.90 1.89 0.00	61.76 1.80 0.00	58.99 1.83 0.00	58.94 1.77 0.00	63.77 1.86 0.00	69.33 2.15 0.00	84.16 2.37 0.00	87.87 2.72 0.00	79.88 2.48 0.00	71.31 2.28 0.00	63.29 2.02 0.00	59.67 1.96 0.00	60.99 1.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.42 2.59 0.00	50.70 2.41 0.00	48.68 2.36 0.00	50.00 2.15 0.00	51.57 2.08 0.00	57.06 2.09 0.00	74.87 3.16 0.00	76.75 3.16 0.00	70.11 2.89 0.00	70.57 2.97 0.00	65.62 2.40 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.39 2.23 0.00	59.34 2.17 0.00	64.14 2.23 0.00	69.73 2.55 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.29 2.13 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.42 2.59 0.00	50.70 2.41 0.00	48.68 2.36 0.00	50.00 2.15 0.00	51.57 2.08 0.00	57.06 2.09 0.00	74.87 3.16 0.00	76.75 3.16 0.00	70.11 2.89 0.00	70.57 2.97 0.00	65.62 2.40 0.00	63.33 2.32 0.00	62.18 2.22 0.00	59.39 2.23 0.00	59.34 2.17 0.00	64.14 2.23 0.00	69.73 2.55 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.79 2.76 0.00	63.72 2.45 0.00	60.07 2.37 0.00	61.29 2.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.56 2.73 0.00	50.89 2.61 0.00	48.77 2.45 0.00	50.19 2.34 0.00	51.82 2.33 0.00	57.39 2.42 0.00	75.16 3.44 0.00	76.83 3.24 0.00	70.25 3.03 0.00	70.50 2.91 0.00	65.69 2.47 0.00	63.27 2.26 0.00	62.18 2.22 0.00	59.34 2.17 0.00	59.34 2.17 0.00	64.26 2.35 0.00	69.93 2.75 0.00	85.06 3.27 0.00	88.81 3.66 0.00	80.88 3.48 0.00	72.07 3.04 0.00	63.97 2.70 0.00	60.25 2.54 0.00	61.53 2.37 0.00
POLETTI___ 23519	51.32 2.49 0.00	50.60 2.32 0.00	48.54 2.22 0.00	49.86 2.01 0.00	50.79 1.83 0.53	50.79 1.76 5.94	55.52 2.87 19.07	55.52 2.94 21.01	55.52 2.76 14.46	55.59 2.84 14.84	55.52 2.28 9.97	55.52 2.14 7.63	55.52 2.04 6.48	55.58 2.06 3.64	55.52 2.00 3.64	55.52 2.04 8.43	55.59 2.42 14.01	55.52 2.70 28.96	55.52 3.07 32.69	55.52 2.71 24.59	55.52 2.55 16.07	63.60 2.33 0.00	59.96 2.25 0.00	61.11 1.95 0.00
POMONA___ESR 323819	51.08 2.25 0.00	50.36 2.07 0.00	48.31 1.99 0.00	49.67 1.82 0.00	51.27 1.78 0.00	56.62 1.65 0.00	74.15 2.44 0.00	75.94 2.35 0.00	69.31 2.09 0.00	69.62 2.03 0.00	64.86 1.64 0.00	62.54 1.53 0.00	61.46 1.50 0.00	58.65 1.48 0.00	58.65 1.48 0.00	63.39 1.48 0.00	68.92 1.74 0.00	83.75 1.96 0.00	87.53 2.38 0.00	79.56 2.16 0.00	71.04 2.00 0.00	62.92 1.65 0.00	59.50 1.79 0.00	60.81 1.65 0.00
PORT_JEFF_3 23555	71.24 3.95 -18.46	62.49 3.72 -10.49	58.40 3.62 -8.47	51.25 3.40 0.00	52.90 3.41 0.00	76.80 3.63 -18.20	92.18 5.23 -15.24	97.43 5.30 -18.54	89.09 4.77 -17.09	80.60 4.66 -8.35	74.34 4.36 -6.76	72.10 4.15 -6.94	75.40 4.08 -11.36	74.92 3.94 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	103.15 5.64 -15.73	106.28 6.13 -15.00	102.92 5.50 -20.03	96.32 4.97 -22.31	87.51 4.29 -21.96	71.40 4.21 -9.48	68.27 4.02 -5.08

PORT_JEFF_4 23616	71.24 3.95 -18.46	62.49 3.72 -10.49	58.40 3.62 -8.47	51.25 3.40 0.00	52.90 3.41 0.00	76.80 3.63 -18.20	92.18 5.23 -15.24	97.43 5.30 -18.54	89.09 4.77 -17.09	80.60 4.66 -8.35	74.34 4.36 -6.76	72.10 4.15 -6.94	75.40 4.08 -11.36	74.92 3.94 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	103.15 5.64 -15.73	106.28 6.13 -15.00	102.92 5.50 -20.03	96.32 4.97 -22.31	87.51 4.29 -21.96	71.40 4.21 -9.48	68.27 4.02 -5.08
PORT_JEFF_IC 23713	71.29 4.00 -18.46	62.54 3.77 -10.49	58.44 3.66 -8.47	51.29 3.45 0.00	52.96 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.15 4.84 -17.09	80.74 4.80 -8.35	74.40 4.43 -6.76	72.16 4.21 -6.94	75.46 4.14 -11.36	75.04 4.06 -13.81	77.78 3.94 -16.67	81.52 4.27 -15.34	91.60 4.77 -19.65	103.24 5.73 -15.73	106.36 6.22 -15.00	103.08 5.65 -20.03	96.45 5.11 -22.31	87.70 4.47 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
PPL PILGRIM_ST_GT1 24216	71.24 3.95 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.16 4.84 -17.09	80.67 4.73 -8.35	74.34 4.36 -6.76	72.10 4.15 -6.94	75.40 4.08 -11.36	74.92 3.94 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	102.99 5.48 -15.73	106.02 5.87 -15.00	102.76 5.34 -20.03	96.25 4.90 -22.31	87.45 4.22 -21.96	71.35 4.16 -9.48	68.14 3.90 -5.08
PPL PILGRIM_ST_GT2 24217	71.24 3.95 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.86 3.68 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.16 4.84 -17.09	80.67 4.73 -8.35	74.34 4.36 -6.76	72.10 4.15 -6.94	75.40 4.08 -11.36	74.92 3.94 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	102.99 5.48 -15.73	106.02 5.87 -15.00	102.76 5.34 -20.03	96.25 4.90 -22.31	87.45 4.22 -21.96	71.35 4.16 -9.48	68.14 3.90 -5.08
PPL_SHRM_GT3 24213	71.24 3.95 -18.46	62.49 3.72 -10.49	58.35 3.57 -8.47	51.20 3.35 0.00	52.90 3.41 0.00	76.80 3.63 -18.20	92.18 5.23 -15.24	97.43 5.30 -18.54	89.09 4.77 -17.09	80.54 4.60 -8.35	74.28 4.30 -6.76	72.04 4.09 -6.94	75.34 4.02 -11.36	74.87 3.89 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	103.24 5.72 -15.73	106.36 6.21 -15.00	103.00 5.58 -20.03	96.38 5.04 -22.31	87.58 4.35 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
PPL_SHRM_GT4 24214	71.24 3.95 -18.46	62.49 3.72 -10.49	58.35 3.57 -8.47	51.20 3.35 0.00	52.90 3.41 0.00	76.80 3.63 -18.20	92.18 5.23 -15.24	97.43 5.30 -18.54	89.09 4.77 -17.09	80.54 4.60 -8.35	74.28 4.30 -6.76	72.04 4.09 -6.94	75.34 4.02 -11.36	74.87 3.89 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	103.24 5.72 -15.73	106.36 6.21 -15.00	103.00 5.58 -20.03	96.38 5.04 -22.31	87.58 4.35 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
PROJECT___ORANGE 1 24174	47.85 -0.98 0.00	47.27 -1.01 0.00	45.30 -1.02 0.00	46.80 -1.05 0.00	48.40 -1.09 0.00	53.82 -1.15 0.00	70.21 -1.51 0.00	72.12 -1.47 0.00	65.88 -1.34 0.00	66.17 -1.42 0.00	62.08 -1.14 0.00	59.92 -1.10 0.00	58.76 -1.20 0.00	55.96 -1.20 0.00	55.91 -1.26 0.00	60.61 -1.30 0.00	65.63 -1.55 0.00	80.23 -1.55 0.00	83.79 -1.36 0.00	75.85 -1.55 0.00	67.65 -1.38 0.00	60.04 -1.23 0.00	56.44 -1.27 0.00	

RAVENSWOOD_GT2_2 24245	51.47 2.64 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	70.70 3.11 0.00	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.81 3.03 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
RAVENSWOOD_GT2_3 24246	51.51 2.69 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.25 3.03 0.00	70.70 3.11 0.00	65.75 2.53 0.00	63.39 2.38 0.00	62.30 2.34 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.26 2.35 0.00	69.87 2.69 0.00	84.81 3.03 0.00	88.55 3.41 0.00	80.50 3.10 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.35 2.19 0.00
RAVENSWOOD_GT2_4 24247	51.51 2.69 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.25 3.03 0.00	70.70 3.11 0.00	65.75 2.53 0.00	63.39 2.38 0.00	62.30 2.34 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.26 2.35 0.00	69.87 2.69 0.00	84.81 3.03 0.00	88.55 3.41 0.00	80.50 3.10 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.35 2.19 0.00
RAVENSWOOD_GT3_1 24248	51.47 2.64 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	70.70 3.11 0.00	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.81 3.03 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
RAVENSWOOD_GT3_2 24249	51.47 2.64 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	70.70 3.11 0.00	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.81 3.03 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
RAVENSWOOD_GT3_3 24250	51.56 2.73 0.00	50.80 2.51 0.00	48.77 2.45 0.00	50.10 2.25 0.00	51.62 2.13 0.00	57.06 2.09 0.00	74.94 3.23 0.00	76.90 3.31 0.00	70.32 3.09 0.00	70.77 3.18 0.00	65.81 2.59 0.00	63.45 2.44 0.00	62.36 2.40 0.00	59.51 2.34 0.00	59.45 2.29 0.00	64.32 2.41 0.00	69.93 2.75 0.00	84.90 3.11 0.00	88.64 3.49 0.00	80.57 3.17 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.35 2.19 0.00
RAVENSWOOD_GT3_4 24251	51.56 2.73 0.00	50.80 2.51 0.00	48.77 2.45 0.00	50.10 2.25 0.00	51.62 2.13 0.00	57.06 2.09 0.00	74.94 3.23 0.00	76.90 3.31 0.00	70.32 3.09 0.00	70.77 3.18 0.00	65.81 2.59 0.00	63.45 2.44 0.00	62.36 2.40 0.00	59.51 2.34 0.00	59.45 2.29 0.00	64.32 2.41 0.00	69.93 2.75 0.00	84.90 3.11 0.00	88.64 3.49 0.00	80.57 3.17 0.00	71.93 2.90 0.00	63.84 2.57 0.00	60.19 2.48 0.00	61.35 2.19 0.00
RAVENSWOOD_GT_1 23729	54.13 2.93 -2.37	53.25 2.70 -2.26	51.44 2.64 -2.48	52.62 2.49 -2.28	53.88 2.33 -2.06	58.56 2.31 -1.28	75.09 3.37 0.00	77.12 3.53 0.00	70.59 3.36 0.00	92.27 3.51 -21.16	66.59 2.84 -0.53	64.56 2.68 -0.87	63.56 2.58 -1.02	61.23 2.63 -1.43	61.12 2.52 -1.44	68.33 2.66 -3.76	70.14 2.96 -0.01	92.80 3.27 -7.74	95.94 3.66 -7.13	88.08 3.33 -7.35	81.91 3.11 -9.77	64.85 2.76 -0.82	61.70 2.65 -1.34	62.42 2.31 -0.96
RAVENSWOOD_GT_10 24258	51.47 2.64 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	69.64 3.11 1.06	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
RAVENSWOOD_GT_11 24259	51.47 2.64 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	69.64 3.11 1.06	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
RAVENSWOOD_GT_4 24252	53.21 2.59 -1.79	52.40 2.41 -1.71	50.56 2.36 -1.88	51.73 2.15 -1.72	53.09 2.03 -1.57	57.92 1.98 -0.97	74.87 3.16 0.00	76.75 3.16 0.00	70.18 2.96 0.00	70.64 3.04 -0.01	66.09 2.47 -0.40	63.99 2.32 -0.66	62.96 2.22 -0.78	60.49 2.23 -1.09	60.43 2.17 -1.10	67.00 2.23 -2.86	69.81 2.62 -0.01	90.63 2.94 -5.89	93.90 3.32 -5.43	86.02 3.02 -5.60	79.24 2.76 -7.44	64.34 2.45 -0.62	61.09 2.37 -1.02	62.02 2.13 -0.73
RAVENSWOOD_GT_5 24254	53.21 2.59 -1.79	52.40 2.41 -1.71	50.56 2.36 -1.88	51.73 2.15 -1.72	53.09 2.03 -1.57	57.92 1.98 -0.97	74.87 3.16 0.00	76.75 3.16 0.00	70.18 2.96 0.00	70.64 3.04 -0.01	66.09 2.47 -0.40	63.99 2.32 -0.66	62.96 2.22 -0.78	60.49 2.23 -1.09	60.43 2.17 -1.10	67.00 2.23 -2.86	69.81 2.62 -0.01	90.63 2.94 -5.89	93.90 3.32 -5.43	86.02 3.02 -5.60	79.24 2.76 -7.44	64.34 2.45 -0.62	61.09 2.37 -1.02	62.02 2.13 -0.73
RAVENSWOOD_GT_6 24253	53.21 2.59 -1.79	52.40 2.41 -1.71	50.56 2.36 -1.88	51.73 2.15 -1.72	53.09 2.03 -1.57	57.92 1.98 -0.97	74.87 3.16 0.00	76.75 3.16 0.00	70.18 2.96 0.00	70.64 3.04 -0.01	66.09 2.47 -0.40	63.99 2.32 -0.66	62.96 2.22 -0.78	60.49 2.23 -1.09	60.43 2.17 -1.10	67.00 2.23 -2.86	69.81 2.62 -0.01	90.63 2.94 -5.89	93.90 3.32 -5.43	86.02 3.02 -5.60	79.24 2.76 -7.44	64.34 2.45 -0.62	61.09 2.37 -1.02	62.02 2.13 -0.73
RAVENSWOOD_GT_7 24255	53.21 2.59 -1.79	52.40 2.41 -1.71	50.56 2.36 -1.88	51.73 2.15 -1.72	53.09 2.03 -1.57	57.92 1.98 -0.97	74.87 3.16 0.00	76.75 3.16 0.00	70.18 2.96 0.00	70.64 3.04 -0.01	66.09 2.47 -0.40	63.99 2.32 -0.66	62.96 2.22 -0.78	60.49 2.23 -1.09	60.43 2.17 -1.10	67.00 2.23 -2.86	69.81 2.62 -0.01	90.63 2.94 -5.89	93.90 3.32 -5.43	86.02 3.02 -5.60	79.24 2.76 -7.44	64.34 2.45 -0.62	61.09 2.37 -1.02	62.02 2.13 -0.73
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.47 2.64 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	69.64 3.11 1.06	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00

RAVENSWOOD_GT_9 24257	51.47 2.64 0.00	50.75 2.46 0.00	48.73 2.41 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.00 2.03 0.00	74.87 3.16 0.00	76.83 3.24 0.00	70.18 2.96 0.00	69.64 3.11 1.06	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.73 2.94 0.00	88.47 3.32 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.13 2.42 0.00	61.29 2.13 0.00
RAVENSWOOD___1 23533	51.77 2.93 -0.01	51.00 2.70 -0.01	48.92 2.59 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.23 2.25 0.00	75.09 3.37 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.49 3.38 -10.52	66.07 2.85 0.00	63.69 2.68 0.00	62.54 2.58 0.00	59.68 2.51 0.00	59.68 2.51 0.00	64.51 2.60 0.00	70.07 2.89 0.00	85.06 3.27 0.00	88.81 3.66 0.00	80.65 3.25 0.00	72.07 3.03 0.00	63.90 2.63 0.00	60.31 2.60 0.00	61.47 2.30 0.00
RAVENSWOOD___2 23534	51.72 2.88 -0.01	51.00 2.70 -0.01	48.92 2.59 -0.01	50.30 2.44 -0.01	51.77 2.28 0.00	57.23 2.25 0.00	75.02 3.30 0.00	77.05 3.46 0.00	70.52 3.29 0.00	81.38 3.31 -10.48	66.00 2.78 0.00	63.64 2.62 0.00	62.54 2.58 0.00	59.68 2.51 0.00	59.62 2.46 0.00	64.51 2.60 0.00	70.07 2.89 0.00	85.06 3.27 0.00	88.81 3.66 0.00	80.65 3.25 0.00	72.07 3.03 0.00	63.90 2.63 0.00	60.31 2.60 0.00	61.41 2.25 0.00
RAVENSWOOD___3 23535	51.46 2.63 0.00	50.75 2.46 0.00	48.68 2.36 0.00	50.05 2.20 0.00	51.57 2.08 0.00	57.01 2.04 0.00	74.87 3.15 0.00	76.82 3.23 0.00	70.18 2.95 0.00	70.56 2.97 0.00	65.75 2.53 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.39 2.23 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.82 3.03 0.00	88.56 3.41 0.00	80.42 3.02 0.00	71.87 2.83 0.00	63.66 2.39 0.00	60.13 2.42 0.00	61.29 2.13 0.00
RAVENSWOOD___4 23820	49.39 2.88 2.32	48.73 2.65 2.21	46.48 2.59 2.43	48.06 2.44 2.23	49.74 2.28 2.03	55.97 2.25 1.26	75.02 3.30 0.00	77.05 3.46 0.00	70.45 3.23 0.00	70.89 3.31 0.01	65.48 2.78 0.52	62.78 2.62 0.85	61.47 2.52 1.01	58.26 2.51 1.41	58.20 2.46 1.42	60.75 2.54 3.70	69.99 2.82 0.01	77.35 3.19 7.62	81.70 3.58 7.02	73.41 3.25 7.24	62.44 3.03 9.62	63.04 2.57 0.81	58.99 2.60 1.31	60.47 2.25 0.94
RCPI_TRUST___DRP 24196	51.42 2.59 0.00	50.65 2.37 0.00	48.68 2.36 0.00	50.00 2.15 0.00	51.52 2.03 0.00	56.95 1.98 0.00	74.94 3.23 0.00	76.83 3.24 0.00	70.25 3.03 0.00	70.77 3.18 0.00	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.73 2.94 0.00	88.55 3.41 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.07 2.37 0.00	61.23 2.07 0.00
RED___ROCHESTER 323720	46.49 -2.34 0.00	45.82 -2.46 0.00	43.96 -2.36 0.00	45.41 -2.44 0.00	47.07 -2.42 0.00	52.77 -2.20 0.00	68.35 -3.37 0.00	70.20 -3.38 0.00	64.00 -3.23 0.00	64.69 -2.90 0.00	60.82 -2.40 0.00	58.88 -2.14 0.00	57.81 -2.16 0.00	54.82 -2.35 0.00	54.71 -2.46 0.00	59.37 -2.54 0.00	63.96 -3.22 0.00	79.09 -2.70 0.00	82.85 -2.30 0.00	74.38 -3.02 0.00	66.20 -2.83 0.00	58.88 -2.39 0.00	55.34 -2.37 0.00	56.85 -2.31 0.00
REGAN___SOLAR 323812	52.00 3.17 0.00	51.52 3.24 0.00	49.33 3.01 0.00	50.91 3.07 0.00	52.61 3.12 0.00	58.65 3.68 0.00	76.95 5.23 0.00	78.74 5.15 0.00	71.33 4.10 0.00	71.44 3.85 0.00	66.44 3.22 0.00	63.88 2.87 0.00	62.72 2.76 0.00	59.96 2.80 0.00	60.08 2.91 0.00	65.50 3.59 0.00	71.54 4.36 0.00	87.10 5.31 0.00	91.11 5.96 0.00	82.74 5.34 0.00	73.66 4.63 0.00	65.49 4.22 0.00	61.40 3.70 0.00	62.71 3.55 0.00
RENSSELAER___COGEN 23796	50.39 1.56 0.00	49.88 1.59 0.00	47.80 1.48 0.00	49.28 1.43 0.00	50.93 1.44 0.00	56.46 1.48 0.00	73.51 1.79 0.00	75.20 1.62 0.00	68.70 1.48 0.00	69.01 1.42 0.00	64.49 1.26 0.00	62.17 1.16 0.00	61.04 1.08 0.00	58.25 1.08 0.00	58.31 1.14 0.00	62.78 0.87 0.00	68.19 1.01 0.00	82.44 0.65 0.00	85.83 0.68 0.00	78.25 0.85 0.00	70.07 1.04 0.00	62.19 0.92 0.00	58.75 1.04 0.00	60.46 1.30 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.76 6.93 0.00	55.29 7.00 0.00	52.80 6.48 0.00	54.50 6.65 0.00	56.37 6.88 0.00	63.05 8.08 0.00	83.19 11.47 0.00	85.36 11.77 0.00	77.44 10.22 0.00	77.73 10.14 0.00	72.26 9.04 0.00	69.80 8.79 0.00	68.06 8.09 0.00	64.82 7.66 0.00	65.22 8.06 0.00	70.64 8.73 0.00	76.79 9.61 0.00	92.99 11.20 0.00	97.15 12.01 0.00	88.24 10.84 0.00	78.42 9.39 0.00	69.85 8.58 0.00	65.32 7.62 0.00	66.73 7.57 0.00
REVERE_CPBR_DRP 24186	50.59 1.76 0.00	49.93 1.64 0.00	47.75 1.44 0.00	49.43 1.58 0.00	51.17 1.68 0.00	57.11 2.14 0.00	75.23 3.51 0.00	77.49 3.90 0.00	70.85 3.63 0.00	71.11 3.51 0.00	66.64 3.41 0.00	64.25 3.23 0.00	63.02 3.06 0.00	60.19 3.03 0.00	60.14 2.97 0.00	65.32 3.41 0.00	70.87 3.69 0.00	86.37 4.58 0.00	89.66 4.51 0.00	80.96 3.56 0.00	72.07 3.04 0.00	63.78 2.51 0.00	59.96 2.25 0.00	61.47 2.31 0.00
REYNOLDS_115KV_TB3 80639	51.03 2.20 0.00	50.46 2.17 0.00	48.40 2.08 0.00	49.86 2.01 0.00	51.52 2.03 0.00	57.06 2.09 0.00	74.22 2.51 0.00	76.09 2.50 0.00	69.44 2.22 0.00	69.82 2.23 0.00	65.12 1.90 0.00	62.84 1.83 0.00	61.70 1.74 0.00	58.88 1.71 0.00	58.88 1.71 0.00	63.64 1.73 0.00	69.13 1.95 0.00	83.75 1.96 0.00	87.36 2.21 0.00	79.41 2.01 0.00	70.97 1.93 0.00	63.11 1.84 0.00	59.44 1.73 0.00	60.94 1.77 0.00
RIVERBAY____ 323610	51.91 3.08 -0.01	51.19 2.90 -0.01	49.15 2.83 -0.01	50.49 2.63 -0.01	51.97 2.47 0.00	57.39 2.42 0.00	75.23 3.51 0.00	77.27 3.68 0.00	70.72 3.50 0.00	71.17 3.58 0.01	66.13 2.91 0.00	63.76 2.75 0.00	62.60 2.64 0.00	59.79 2.63 0.00	59.68 2.52 0.00	64.51 2.60 0.00	70.13 2.96 0.00	85.14 3.35 0.00	88.81 3.66 0.00	80.73 3.33 0.00	72.21 3.18 0.00	64.09 2.82 0.00	60.42 2.71 0.00	61.59 2.43 0.00
RIVERSIDE_115KV_TB3 55908	50.68 1.86 0.00	50.17 1.88 0.00	48.08 1.76 0.00	49.57 1.72 0.00	51.22 1.73 0.00	56.73 1.76 0.00	73.94 2.22 0.00	75.72 2.13 0.00	69.11 1.88 0.00	69.48 1.89 0.00	64.87 1.64 0.00	62.60 1.59 0.00	61.46 1.50 0.00	58.65 1.49 0.00	58.65 1.49 0.00	63.27 1.36 0.00	68.72 1.55 0.00	83.10 1.31 0.00	86.51 1.36 0.00	78.79 1.39 0.00	70.55 1.52 0.00	62.68 1.41 0.00	59.03 1.33 0.00	60.70 1.54 0.00
ROARING___BROOK_WT_PWR 323790	47.66 -1.17 0.00	47.27 -1.02 0.00	45.44 -0.88 0.00	47.18 -0.67 0.00	48.90 -0.59 0.00	54.42 -0.55 0.00	71.07 -0.65 0.00	73.08 -0.51 0.00	66.89 -0.33 0.00	67.39 -0.20 0.00	63.10 -0.13 0.00	61.01 0.00 0.00	60.02 0.06 0.00	57.28 0.11 0.00	57.34 0.17 0.00	62.10 0.19 0.00	67.38 0.20 0.00	81.79 0.00 0.00	84.81 -0.34 0.00	77.17 -0.23 0.00	68.76 -0.28 0.00	60.96 -0.30 0.00	57.42 -0.29 0.00	58.98 -0.18 0.00

ROCHESRG_115KV_T4 355643	46.00 -2.83 0.00	45.39 -2.90 0.00	43.45 -2.87 0.00	44.98 -2.87 0.00	46.62 -2.87 0.00	52.17 -2.80 0.00	67.56 -4.16 0.00	69.32 -4.27 0.00	63.19 -4.03 0.00	63.60 -3.99 0.00	60.06 -3.16 0.00	58.08 -2.93 0.00	57.08 -2.88 0.00	53.96 -3.20 0.00	54.02 -3.14 0.00	58.63 -3.28 0.00	63.01 -4.17 0.00	77.94 -3.84 0.00	81.49 -3.66 0.00	73.37 -4.02 0.00	65.31 -3.73 0.00	57.90 -3.37 0.00	54.71 -3.00 0.00	56.20 -2.96 0.00
ROCHESTER_9_IC 23652	46.24 -2.59 0.00	45.58 -2.70 0.00	43.68 -2.64 0.00	45.22 -2.63 0.00	46.87 -2.62 0.00	52.44 -2.53 0.00	67.99 -3.73 0.00	69.83 -3.75 0.00	63.66 -3.56 0.00	64.01 -3.58 0.00	60.50 -2.72 0.00	58.51 -2.50 0.00	57.44 -2.52 0.00	54.36 -2.80 0.00	54.36 -2.80 0.00	59.00 -2.91 0.00	63.48 -3.69 0.00	78.52 -3.27 0.00	82.17 -2.98 0.00	73.92 -3.48 0.00	65.72 -3.31 0.00	58.27 -3.00 0.00	55.05 -2.65 0.00	56.56 -2.60 0.00
ROCKVIEW_13_KV_LD 356306	51.56 2.73 0.00	50.84 2.56 0.00	48.77 2.45 0.00	50.15 2.30 0.00	51.67 2.18 0.00	57.17 2.20 0.00	75.09 3.37 0.00	76.90 3.31 0.00	70.32 3.09 0.00	70.77 3.18 0.00	65.81 2.59 0.00	63.45 2.44 0.00	62.36 2.40 0.00	59.57 2.40 0.00	59.45 2.29 0.00	64.32 2.41 0.00	69.93 2.75 0.00	84.98 3.19 0.00	88.72 3.58 0.00	80.65 3.25 0.00	72.00 2.97 0.00	63.90 2.63 0.00	60.25 2.54 0.00	61.47 2.31 0.00
ROME____115KV_TB2 80656	50.59 1.76 0.00	49.93 1.64 0.00	47.75 1.44 0.00	49.43 1.58 0.00	51.17 1.68 0.00	57.11 2.14 0.00	75.23 3.51 0.00	77.49 3.90 0.00	70.85 3.63 0.00	71.11 3.51 0.00	66.64 3.41 0.00	64.25 3.23 0.00	63.02 3.06 0.00	60.19 3.03 0.00	60.14 2.97 0.00	65.32 3.41 0.00	70.87 3.69 0.00	86.37 4.58 0.00	89.66 4.51 0.00	80.96 3.56 0.00	72.07 3.04 0.00	63.78 2.51 0.00	59.96 2.25 0.00	61.47 2.31 0.00
ROSETON___1 23587	50.98 2.15 0.00	50.31 2.03 0.00	48.26 1.95 0.00	49.67 1.82 0.00	51.22 1.73 0.00	56.68 1.71 0.00	74.22 2.51 0.00	76.01 2.42 0.00	69.44 2.22 0.00	69.75 2.16 0.00	65.06 1.83 0.00	62.72 1.71 0.00	61.58 1.62 0.00	58.76 1.60 0.00	58.76 1.60 0.00	63.58 1.67 0.00	69.06 1.88 0.00	84.00 2.21 0.00	87.70 2.55 0.00	79.72 2.32 0.00	71.10 2.07 0.00	63.05 1.78 0.00	59.55 1.85 0.00	60.81 1.65 0.00
ROSETON___2 23588	50.98 2.15 0.00	50.31 2.03 0.00	48.26 1.95 0.00	49.67 1.82 0.00	51.22 1.73 0.00	56.68 1.71 0.00	74.22 2.51 0.00	76.01 2.42 0.00	69.44 2.22 0.00	69.75 2.16 0.00	65.06 1.83 0.00	62.72 1.71 0.00	61.58 1.62 0.00	58.76 1.60 0.00	58.76 1.60 0.00	63.58 1.67 0.00	69.06 1.88 0.00	84.00 2.21 0.00	87.70 2.55 0.00	79.72 2.32 0.00	71.10 2.07 0.00	63.05 1.78 0.00	59.55 1.85 0.00	60.81 1.65 0.00
ROTTTRDAM_115KV_TB3 80664	50.44 1.61 0.00	49.88 1.59 0.00	47.85 1.53 0.00	49.33 1.48 0.00	50.98 1.48 0.00	56.57 1.59 0.00	73.87 2.15 0.00	75.72 2.13 0.00	69.04 1.82 0.00	69.35 1.76 0.00	64.74 1.52 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.54 1.37 0.00	58.54 1.37 0.00	63.46 1.55 0.00	68.93 1.75 0.00	83.83 2.04 0.00	87.45 2.30 0.00	79.49 2.09 0.00	70.90 1.86 0.00	62.92 1.65 0.00	59.27 1.56 0.00	60.64 1.48 0.00
RUSSELL___1 23602	46.49 -2.34 0.00	45.82 -2.46 0.00	43.86 -2.45 0.00	45.41 -2.44 0.00	47.07 -2.43 0.00	52.77 -2.20 0.00	68.34 -3.37 0.00	70.20 -3.39 0.00	64.00 -3.23 0.00	64.41 -3.18 0.00	60.88 -2.34 0.00	58.88 -2.14 0.00	57.80 -2.16 0.00	54.71 -2.46 0.00	54.71 -2.46 0.00	59.37 -2.54 0.00	63.89 -3.29 0.00	79.09 -2.70 0.00	82.76 -2.38 0.00	74.38 -3.02 0.00	66.20 -2.83 0.00	58.64 -2.63 0.00	55.34 -2.37 0.00	56.85 -2.31 0.00
RUSSELL___2 23532	46.49 -2.34 0.00	45.82 -2.46 0.00	43.86 -2.45 0.00	45.41 -2.44 0.00	47.07 -2.43 0.00	52.77 -2.20 0.00	68.34 -3.37 0.00	70.20 -3.39 0.00	64.00 -3.23 0.00	64.41 -3.18 0.00	60.88 -2.34 0.00	58.88 -2.14 0.00	57.80 -2.16 0.00	54.71 -2.46 0.00	54.71 -2.46 0.00	59.37 -2.54 0.00	63.89 -3.29 0.00	79.09 -2.70 0.00	82.76 -2.38 0.00	74.38 -3.02 0.00	66.20 -2.83 0.00	58.64 -2.63 0.00	55.34 -2.37 0.00	56.85 -2.31 0.00
RUSSELL___3 23549	46.49 -2.34 0.00	45.82 -2.46 0.00	43.86 -2.45 0.00	45.41 -2.44 0.00	47.07 -2.43 0.00	52.77 -2.20 0.00	68.34 -3.37 0.00	70.20 -3.39 0.00	64.00 -3.23 0.00	64.41 -3.18 0.00	60.88 -2.34 0.00	58.88 -2.14 0.00	57.80 -2.16 0.00	54.71 -2.46 0.00	54.71 -2.46 0.00	59.37 -2.54 0.00	63.89 -3.29 0.00	79.09 -2.70 0.00	82.76 -2.38 0.00	74.38 -3.02 0.00	66.20 -2.83 0.00	58.64 -2.63 0.00	55.34 -2.37 0.00	56.85 -2.31 0.00
RUSSELL___4 23556	46.49 -2.34 0.00	45.82 -2.46 0.00	43.86 -2.45 0.00	45.41 -2.44 0.00	47.07 -2.43 0.00	52.77 -2.20 0.00	68.34 -3.37 0.00	70.20 -3.39 0.00	64.00 -3.23 0.00	64.41 -3.18 0.00	60.88 -2.34 0.00	58.88 -2.14 0.00	57.80 -2.16 0.00	54.71 -2.46 0.00	54.71 -2.46 0.00	59.37 -2.54 0.00	63.89 -3.29 0.00	79.09 -2.70 0.00	82.76 -2.38 0.00	74.38 -3.02 0.00	66.20 -2.83 0.00	58.64 -2.63 0.00	55.34 -2.37 0.00	56.85 -2.31 0.00
RUSSELL___STATION 23914	46.49 -2.34 0.00	45.82 -2.46 0.00	43.86 -2.45 0.00	45.41 -2.44 0.00	47.07 -2.43 0.00	52.77 -2.20 0.00	68.34 -3.37 0.00	70.20 -3.39 0.00	64.00 -3.23 0.00	64.41 -3.18 0.00	60.88 -2.34 0.00	58.88 -2.14 0.00	57.80 -2.16 0.00	54.71 -2.46 0.00	54.71 -2.46 0.00	59.37 -2.54 0.00	63.89 -3.29 0.00	79.09 -2.70 0.00	82.76 -2.38 0.00	74.38 -3.02 0.00	66.20 -2.83 0.00	58.64 -2.63 0.00	55.34 -2.37 0.00	56.85 -2.31 0.00
S SALMON___HYD 24043	49.03 0.20 0.00	48.38 0.10 0.00	46.32 0.00 0.00	47.90 0.05 0.00	49.54 0.05 0.00	55.25 0.28 0.00	72.15 0.43 0.00	77.19 3.60 0.00	70.58 3.36 0.00	70.70 3.11 0.00	66.76 3.54 0.00	64.37 3.35 0.00	63.20 3.24 0.00	60.42 3.26 0.00	60.36 3.20 0.00	65.81 3.90 0.00	71.21 4.03 0.00	86.20 4.41 0.00	90.09 4.94 0.00	81.34 3.95 0.00	72.35 3.31 0.00	64.33 3.06 0.00	60.24 2.54 0.00	61.70 2.54 0.00
S.PERRY__115KV_TB1 80734	47.85 -0.98 0.00	47.22 -1.06 0.00	45.21 -1.11 0.00	46.89 -0.96 0.00	48.70 -0.79 0.00	54.81 -0.16 0.00	71.21 -0.50 0.00	73.29 -0.29 0.00	66.69 -0.54 0.00	66.78 -0.81 0.00	62.97 -0.25 0.00	60.77 -0.24 0.00	59.54 -0.42 0.00	56.25 -0.91 0.00	56.31 -0.86 0.00	61.35 -0.56 0.00	66.24 -0.94 0.00	82.52 0.74 0.00	86.60 1.45 0.00	77.63 0.23 0.00	68.96 -0.07 0.00	61.02 -0.25 0.00	57.48 -0.23 0.00	58.98 -0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.97 -3.86 0.00	44.37 -3.91 0.00	42.61 -3.71 0.00	44.12 -3.73 0.00	45.68 -3.81 0.00	51.29 -3.68 0.00	66.26 -5.45 0.00	67.77 -5.81 0.00	61.71 -5.51 0.00	61.91 -5.68 0.00	59.05 -4.17 0.00	57.41 -3.60 0.00	56.36 -3.60 0.00	52.99 -4.17 0.00	53.05 -4.12 0.00	57.64 -4.27 0.00	61.47 -5.71 0.00	76.63 -5.15 0.00	80.21 -4.94 0.00	72.06 -5.34 0.00	63.99 -5.04 0.00	56.80 -4.47 0.00	53.90 -3.81 0.00	55.61 -3.55 0.00

SAWYER___23_KV_LOAD 55526	44.97 -3.86 0.00	44.37 -3.91 0.00	42.61 -3.71 0.00	44.12 -3.73 0.00	45.68 -3.81 0.00	51.29 -3.68 0.00	66.26 -5.45 0.00	67.77 -5.81 0.00	61.71 -5.51 0.00	61.91 -5.68 0.00	59.05 -4.17 0.00	57.41 -3.60 0.00	56.36 -3.60 0.00	52.99 -4.17 0.00	53.05 -4.12 0.00	57.64 -4.27 0.00	61.47 -5.71 0.00	76.63 -5.15 0.00	80.21 -4.94 0.00	72.06 -5.34 0.00	63.99 -5.04 0.00	56.80 -4.47 0.00	53.90 -3.81 0.00	55.61 -3.55 0.00
SELKIRK___I 23801	50.64 1.81 0.00	50.12 1.83 0.00	48.03 1.71 0.00	49.52 1.67 0.00	51.18 1.68 0.00	56.73 1.76 0.00	73.86 2.15 0.00	75.64 2.06 0.00	68.97 1.74 0.00	69.28 1.69 0.00	64.74 1.51 0.00	62.42 1.40 0.00	61.28 1.32 0.00	58.48 1.32 0.00	58.53 1.37 0.00	63.27 1.36 0.00	68.73 1.55 0.00	83.26 1.47 0.00	86.85 1.70 0.00	79.03 1.63 0.00	70.62 1.59 0.00	62.74 1.47 0.00	59.21 1.50 0.00	60.76 1.60 0.00
SELKIRK___II 23799	50.39 1.56 0.00	49.83 1.54 0.00	47.80 1.48 0.00	49.28 1.43 0.00	50.93 1.44 0.00	56.40 1.43 0.00	73.51 1.79 0.00	75.28 1.69 0.00	68.70 1.48 0.00	69.01 1.42 0.00	64.49 1.26 0.00	62.17 1.16 0.00	61.10 1.14 0.00	58.25 1.08 0.00	58.31 1.14 0.00	62.90 0.99 0.00	68.32 1.14 0.00	82.85 1.06 0.00	86.34 1.19 0.00	78.56 1.16 0.00	70.28 1.24 0.00	62.37 1.10 0.00	58.86 1.15 0.00	60.46 1.30 0.00
SENECA OSWGO___HYD 24041	48.59 -0.24 0.00	47.95 -0.34 0.00	45.90 -0.42 0.00	47.42 -0.43 0.00	49.09 -0.40 0.00	54.70 -0.27 0.00	71.36 -0.36 0.00	74.03 0.44 0.00	67.70 0.47 0.00	67.93 0.34 0.00	63.85 0.63 0.00	61.56 0.55 0.00	60.32 0.36 0.00	57.51 0.35 0.00	57.45 0.29 0.00	62.40 0.49 0.00	67.58 0.41 0.00	82.52 0.73 0.00	86.34 1.19 0.00	78.02 0.62 0.00	69.52 0.49 0.00	61.64 0.37 0.00	57.82 0.12 0.00	59.22 0.06 0.00
SENECA___115KV_TB3 355854	45.75 -3.08 0.00	45.19 -3.09 0.00	43.45 -2.87 0.00	44.98 -2.87 0.00	46.57 -2.92 0.00	52.33 -2.64 0.00	67.77 -3.94 0.00	69.32 -4.27 0.00	63.12 -4.10 0.00	63.33 -4.26 0.00	60.38 -2.84 0.00	58.69 -2.32 0.00	57.62 -2.34 0.00	54.19 -2.97 0.00	54.25 -2.92 0.00	58.94 -2.97 0.00	62.81 -4.37 0.00	78.27 -3.52 0.00	81.91 -3.24 0.00	73.61 -3.79 0.00	65.37 -3.66 0.00	58.02 -3.25 0.00	55.00 -2.71 0.00	56.68 -2.48 0.00
SENECA___ENERGY 23797	47.61 -1.22 0.00	47.03 -1.26 0.00	45.11 -1.20 0.00	46.56 -1.29 0.00	48.26 -1.24 0.00	53.87 -1.10 0.00	70.14 -1.58 0.00	72.12 -1.47 0.00	65.88 -1.34 0.00	66.17 -1.42 0.00	62.09 -1.14 0.00	60.03 -0.98 0.00	58.82 -1.14 0.00	55.91 -1.26 0.00	55.85 -1.31 0.00	60.61 -1.30 0.00	65.57 -1.61 0.00	80.56 -1.22 0.00	84.21 -0.93 0.00	76.08 -1.32 0.00	67.72 -1.31 0.00	60.17 -1.10 0.00	56.49 -1.21 0.00	57.92 -1.25 0.00
SHOEMAKER___GT 23640	50.64 1.81 0.00	50.02 1.74 0.00	47.94 1.62 0.00	49.38 1.53 0.00	50.98 1.48 0.00	56.40 1.43 0.00	73.86 2.15 0.00	75.57 1.99 0.00	69.04 1.82 0.00	69.28 1.69 0.00	64.61 1.39 0.00	62.30 1.28 0.00	61.16 1.20 0.00	58.37 1.20 0.00	58.37 1.20 0.00	63.21 1.30 0.00	68.73 1.55 0.00	83.67 1.88 0.00	87.36 2.21 0.00	79.41 2.01 0.00	70.83 1.79 0.00	62.80 1.53 0.00	59.21 1.50 0.00	60.52 1.36 0.00
SHOEMAKR_138KV_BK 111 55601	50.64 1.81 0.00	49.97 1.69 0.00	47.94 1.62 0.00	49.33 1.48 0.00	50.98 1.48 0.00	56.40 1.43 0.00	73.79 2.08 0.00	75.57 1.99 0.00	68.97 1.75 0.00	69.35 1.76 0.00	64.61 1.39 0.00	62.23 1.22 0.00	61.16 1.20 0.00	58.42 1.26 0.00	58.36 1.20 0.00	63.15 1.24 0.00	68.72 1.55 0.00	83.59 1.80 0.00	87.19 2.04 0.00	79.33 1.93 0.00	70.76 1.73 0.00	62.80 1.53 0.00	59.21 1.50 0.00	60.52 1.36 0.00
SHOREHAM_IC_1 23715	71.24 3.95 -18.46	62.49 3.72 -10.49	58.35 3.57 -8.47	51.20 3.35 0.00	52.90 3.41 0.00	76.80 3.63 -18.20	92.18 5.23 -15.24	97.43 5.30 -18.54	89.09 4.77 -17.09	80.54 4.60 -8.35	74.28 4.30 -6.76	72.04 4.09 -6.94	75.34 4.02 -11.36	74.87 3.89 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	103.24 5.72 -15.73	106.36 6.21 -15.00	103.00 5.58 -20.03	96.38 5.04 -22.31	87.58 4.35 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
SHOREHAM_IC_2 23716	71.24 3.95 -18.46	62.49 3.72 -10.49	58.35 3.57 -8.47	51.20 3.35 0.00	52.90 3.41 0.00	76.80 3.63 -18.20	92.18 5.23 -15.24	97.43 5.30 -18.54	89.09 4.77 -17.09	80.54 4.60 -8.35	74.28 4.30 -6.76	72.04 4.09 -6.94	75.34 4.02 -11.36	74.87 3.89 -13.81	77.72 3.89 -16.67	81.40 4.15 -15.34	91.47 4.63 -19.65	103.24 5.72 -15.73	106.36 6.21 -15.00	103.00 5.58 -20.03	96.38 5.04 -22.31	87.58 4.35 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
SISSONVILLE____ 23735	49.27 0.44 0.00	48.72 0.43 0.00	46.74 0.42 0.00	48.61 0.77 0.00	50.18 0.69 0.00	57.77 2.80 0.00	75.01 3.30 0.00	77.12 3.53 0.00	70.45 3.23 0.00	70.77 3.18 0.00	66.83 3.60 0.00	65.10 4.09 0.00	65.18 5.22 0.00	62.71 5.54 0.00	62.71 5.54 0.00	68.16 6.25 0.00	73.43 6.25 0.00	83.75 1.96 0.00	85.74 0.60 0.00	78.95 1.55 0.00	70.55 1.52 0.00	62.99 1.72 0.00	59.55 1.85 0.00	61.23 2.07 0.00
SITHE_IND_GS1 24169	46.83 -2.00 0.00	46.30 -1.98 0.00	44.38 -1.94 0.00	45.84 -2.01 0.00	47.41 -2.08 0.00	52.71 -2.26 0.00	68.71 -3.01 0.00	70.50 -3.09 0.00	64.40 -2.82 0.00	64.82 -2.77 0.00	60.69 -2.53 0.00	58.57 -2.44 0.00	57.50 -2.46 0.00	54.77 -2.40 0.00	54.77 -2.40 0.00	59.31 -2.60 0.00	64.29 -2.89 0.00	78.51 -3.27 0.00	81.91 -3.24 0.00	74.30 -3.10 0.00	66.20 -2.83 0.00	58.75 -2.51 0.00	55.29 -2.42 0.00	56.68 -2.48 0.00
SITHE_IND_GS2 24170	46.83 -2.00 0.00	46.30 -1.98 0.00	44.38 -1.94 0.00	45.84 -2.01 0.00	47.41 -2.08 0.00	52.71 -2.26 0.00	68.71 -3.01 0.00	70.50 -3.09 0.00	64.40 -2.82 0.00	64.82 -2.77 0.00	60.69 -2.53 0.00	58.57 -2.44 0.00	57.50 -2.46 0.00	54.77 -2.40 0.00	54.77 -2.40 0.00	59.31 -2.60 0.00	64.29 -2.89 0.00	78.51 -3.27 0.00	81.91 -3.24 0.00	74.30 -3.10 0.00	66.20 -2.83 0.00	58.75 -2.51 0.00	55.29 -2.42 0.00	56.68 -2.48 0.00
SITHE_IND_GS3 24171	46.83 -2.00 0.00	46.30 -1.98 0.00	44.38 -1.94 0.00	45.84 -2.01 0.00	47.41 -2.08 0.00	52.71 -2.26 0.00	68.71 -3.01 0.00	70.50 -3.09 0.00	64.40 -2.82 0.00	64.82 -2.77 0.00	60.69 -2.53 0.00	58.57 -2.44 0.00	57.50 -2.46 0.00	54.77 -2.40 0.00	54.77 -2.40 0.00	59.31 -2.60 0.00	64.29 -2.89 0.00	78.51 -3.27 0.00	81.91 -3.24 0.00	74.30 -3.10 0.00	66.20 -2.83 0.00	58.75 -2.51 0.00	55.29 -2.42 0.00	56.68 -2.48 0.00
SITHE_IND_GS4 24172	46.83 -2.00 0.00	46.30 -1.98 0.00	44.38 -1.94 0.00	45.84 -2.01 0.00	47.41 -2.08 0.00	52.71 -2.26 0.00	68.71 -3.01 0.00	70.50 -3.09 0.00	64.40 -2.82 0.00	64.82 -2.77 0.00	60.69 -2.53 0.00	58.57 -2.44 0.00	57.50 -2.46 0.00	54.77 -2.40 0.00	54.77 -2.40 0.00	59.31 -2.60 0.00	64.29 -2.89 0.00	78.51 -3.27 0.00	81.91 -3.24 0.00	74.30 -3.10 0.00	66.20 -2.83 0.00	58.75 -2.51 0.00	55.29 -2.42 0.00	56.68 -2.48 0.00

SITHE___BATAVIA 24024	46.10 -2.73 0.00	45.44 -2.85 0.00	43.63 -2.69 0.00	45.07 -2.78 0.00	46.82 -2.67 0.00	52.66 -2.31 0.00	68.06 -3.65 0.00	69.76 -3.83 0.00	63.53 -3.70 0.00	64.21 -3.38 0.00	60.69 -2.53 0.00	58.82 -2.19 0.00	57.81 -2.16 0.00	54.59 -2.57 0.00	54.54 -2.63 0.00	59.31 -2.60 0.00	63.48 -3.69 0.00	79.09 -2.70 0.00	83.02 -2.13 0.00	74.30 -3.10 0.00	66.00 -3.04 0.00	58.82 -2.45 0.00	55.34 -2.37 0.00	56.91 -2.25 0.00
SITHE___INDEPEND 23800	46.83 -2.00 0.00	46.31 -1.98 0.00	44.37 -1.95 0.00	45.84 -2.01 0.00	47.41 -2.08 0.00	52.72 -2.25 0.00	68.70 -3.01 0.00	70.50 -3.09 0.00	64.40 -2.82 0.00	64.75 -2.84 0.00	60.69 -2.53 0.00	58.57 -2.44 0.00	57.50 -2.46 0.00	54.76 -2.40 0.00	54.76 -2.40 0.00	59.31 -2.60 0.00	64.29 -2.89 0.00	78.52 -3.27 0.00	81.91 -3.24 0.00	74.30 -3.10 0.00	66.20 -2.83 0.00	58.76 -2.51 0.00	55.28 -2.42 0.00	56.68 -2.48 0.00
SITHE___MASSENA 23902	49.22 0.39 0.00	48.67 0.38 0.00	46.73 0.42 0.00	48.57 0.72 0.00	50.24 0.74 0.00	55.80 0.83 0.00	72.72 1.00 0.00	74.69 1.11 0.00	68.30 1.07 0.00	68.74 1.15 0.00	64.36 1.14 0.00	62.17 1.16 0.00	61.40 1.44 0.00	58.59 1.43 0.00	58.59 1.43 0.00	63.52 1.61 0.00	68.86 1.68 0.00	83.75 1.96 0.00	85.91 0.76 0.00	79.18 1.78 0.00	70.62 1.59 0.00	62.80 1.53 0.00	59.21 1.50 0.00	60.88 1.72 0.00
SITHE___OGDNSBRG 24021	49.95 1.12 0.00	49.40 1.11 0.00	47.34 1.02 0.00	49.28 1.44 0.00	50.93 1.44 0.00	57.44 2.47 0.00	74.87 3.16 0.00	76.97 3.39 0.00	70.18 2.96 0.00	70.50 2.91 0.00	66.19 2.97 0.00	64.19 3.17 0.00	63.74 3.78 0.00	61.05 3.89 0.00	61.11 3.94 0.00	66.43 4.52 0.00	71.95 4.77 0.00	85.22 3.44 0.00	87.53 2.38 0.00	80.50 3.10 0.00	71.79 2.76 0.00	63.84 2.57 0.00	60.25 2.54 0.00	61.94 2.78 0.00
SITHE___STERLING 23777	50.05 1.22 0.00	49.40 1.11 0.00	47.34 1.02 0.00	48.95 1.10 0.00	50.63 1.14 0.00	56.46 1.48 0.00	74.51 2.79 0.00	76.61 3.02 0.00	70.05 2.82 0.00	70.30 2.71 0.00	65.81 2.59 0.00	63.46 2.44 0.00	62.24 2.28 0.00	59.39 2.23 0.00	59.34 2.17 0.00	64.39 2.48 0.00	69.87 2.69 0.00	85.22 3.43 0.00	88.30 3.15 0.00	79.80 2.40 0.00	71.04 2.00 0.00	62.92 1.65 0.00	59.15 1.44 0.00	60.64 1.48 0.00
SLEIGHT__34_KV_TB1 80719	46.83 -2.00 0.00	46.16 -2.12 0.00	44.19 -2.13 0.00	45.74 -2.11 0.00	47.41 -2.08 0.00	52.99 -1.98 0.00	68.92 -2.80 0.00	70.94 -2.65 0.00	64.74 -2.49 0.00	65.09 -2.50 0.00	61.32 -1.90 0.00	59.24 -1.77 0.00	58.10 -1.86 0.00	55.11 -2.06 0.00	55.11 -2.06 0.00	59.81 -2.10 0.00	64.49 -2.69 0.00	79.42 -2.37 0.00	83.10 -2.04 0.00	74.85 -2.55 0.00	66.62 -2.42 0.00	59.00 -2.27 0.00	55.57 -2.14 0.00	56.97 -2.19 0.00
SOUTH CAIRO___GT 23612	52.25 3.42 0.00	51.66 3.38 0.00	49.47 3.15 0.00	50.96 3.11 0.00	52.86 3.37 0.00	58.65 3.68 0.00	76.38 4.66 0.00	77.71 4.12 0.00	70.99 3.76 0.00	70.77 3.18 0.00	66.00 2.78 0.00	63.39 2.38 0.00	62.30 2.34 0.00	59.45 2.29 0.00	59.68 2.52 0.00	64.63 2.72 0.00	70.61 3.43 0.00	85.71 3.93 0.00	89.41 4.26 0.00	81.73 4.33 0.00	72.97 3.93 0.00	64.76 3.49 0.00	61.11 3.40 0.00	62.77 3.61 0.00
SOUTH HAMPTN___IC 23720	71.30 4.00 -18.46	62.54 3.77 -10.49	58.40 3.62 -8.47	51.30 3.45 0.00	52.95 3.46 0.00	76.91 3.74 -18.20	92.33 5.38 -15.24	97.58 5.45 -18.54	89.22 4.90 -17.09	80.67 4.73 -8.35	74.34 4.36 -6.76	72.10 4.15 -6.94	75.46 4.13 -11.36	74.98 4.00 -13.81	77.83 4.00 -16.67	81.64 4.40 -15.34	91.67 4.84 -19.65	103.57 6.05 -15.73	106.70 6.56 -15.00	103.39 5.96 -20.03	96.73 5.39 -22.31	87.88 4.65 -21.96	71.75 4.56 -9.48	68.73 4.49 -5.08
SOUTHDOW_115KV_TB1 355954	47.46 -1.37 0.00	46.93 -1.35 0.00	45.16 -1.16 0.00	46.80 -1.05 0.00	48.50 -0.99 0.00	54.81 -0.16 0.00	71.43 -0.29 0.00	73.15 -0.44 0.00	66.89 -0.34 0.00	67.12 -0.47 0.00	63.79 0.57 0.00	62.11 1.10 0.00	60.92 0.96 0.00	57.28 0.11 0.00	57.22 0.06 0.00	62.22 0.31 0.00	66.17 -1.01 0.00	82.44 0.65 0.00	86.43 1.28 0.00	77.48 0.08 0.00	68.76 -0.28 0.00	60.96 -0.31 0.00	57.65 -0.06 0.00	59.40 0.24 0.00
SOUTHOLD_69_KV_BK 2 55809	71.25 3.96 -18.46	62.44 3.67 -10.49	58.35 3.57 -8.47	51.15 3.30 0.00	52.86 3.37 0.00	76.80 3.63 -18.20	92.26 5.31 -15.24	97.50 5.37 -18.54	89.29 4.97 -17.09	80.68 4.73 -8.35	74.09 4.11 -6.76	71.92 3.97 -6.94	75.34 4.02 -11.36	74.98 4.00 -13.81	77.89 4.06 -16.67	81.83 4.58 -15.34	91.87 5.04 -19.65	103.89 6.38 -15.73	107.04 6.90 -15.00	103.70 6.27 -20.03	97.01 5.66 -22.31	88.25 5.02 -21.96	72.04 4.85 -9.48	69.15 4.91 -5.08
SOUTHOLD___IC 23719	71.24 3.95 -18.46	62.44 3.67 -10.49	58.30 3.52 -8.47	51.15 3.30 0.00	52.86 3.37 0.00	76.80 3.63 -18.20	92.33 5.38 -15.24	97.50 5.37 -18.54	89.29 4.97 -17.09	80.67 4.73 -8.35	74.09 4.11 -6.76	71.92 3.96 -6.94	75.34 4.02 -11.36	74.92 3.94 -13.81	77.89 4.06 -16.67	81.83 4.58 -15.34	91.87 5.04 -19.65	103.90 6.38 -15.73	107.13 6.98 -15.00	103.69 6.27 -20.03	97.01 5.66 -22.31	88.19 4.96 -21.96	72.04 4.85 -9.48	69.15 4.91 -5.08
SOUTH_FORK_WT_PWR 323839	70.71 3.42 -18.46	61.96 3.19 -10.49	57.84 3.06 -8.47	50.67 2.82 0.00	52.31 2.82 0.00	76.20 3.02 -18.20	91.55 4.59 -15.24	96.77 4.64 -18.54	88.62 4.31 -17.09	80.00 4.06 -8.35	73.33 3.35 -6.76	71.18 3.23 -6.94	74.68 3.36 -11.36	74.35 3.37 -13.81	77.32 3.49 -16.67	81.27 4.02 -15.34	91.33 4.50 -19.65	103.15 5.64 -15.73	106.36 6.21 -15.00	103.07 5.65 -20.03	96.53 5.18 -22.31	87.76 4.53 -21.96	71.70 4.50 -9.48	68.91 4.67 -5.08
SPIERFLS_115KV_TB 1 80737	53.81 4.98 0.00	53.31 5.02 0.00	51.00 4.68 0.00	52.59 4.74 0.00	54.39 4.90 0.00	60.63 5.66 0.00	79.68 7.96 0.00	81.68 8.09 0.00	74.28 7.06 0.00	74.69 7.10 0.00	69.42 6.20 0.00	66.99 5.98 0.00	65.54 5.58 0.00	62.42 5.26 0.00	62.71 5.54 0.00	67.67 5.76 0.00	73.49 6.31 0.00	89.15 7.36 0.00	93.07 7.92 0.00	84.60 7.20 0.00	75.32 6.28 0.00	67.15 5.88 0.00	62.96 5.25 0.00	64.43 5.27 0.00
ST LAWRENCE____ 23600	48.54 -0.29 0.00	48.04 -0.24 0.00	46.13 -0.18 0.00	47.85 0.00 0.00	49.54 0.05 0.00	55.19 0.22 0.00	71.93 0.22 0.00	73.88 0.30 0.00	67.56 0.34 0.00	68.00 0.41 0.00	63.60 0.38 0.00	61.50 0.49 0.00	60.62 0.66 0.00	57.79 0.63 0.00	57.85 0.69 0.00	62.66 0.75 0.00	67.99 0.81 0.00	82.52 0.73 0.00	85.23 0.09 0.00	78.02 0.62 0.00	69.65 0.62 0.00	61.82 0.55 0.00	58.23 0.52 0.00	59.87 0.71 0.00
STATE_CA_115KV_115_LB 55624	50.64 1.81 0.00	50.12 1.83 0.00	48.03 1.71 0.00	49.52 1.67 0.00	51.17 1.68 0.00	56.73 1.76 0.00	73.94 2.22 0.00	75.72 2.13 0.00	69.11 1.88 0.00	69.48 1.89 0.00	64.93 1.71 0.00	62.66 1.65 0.00	61.46 1.50 0.00	58.65 1.49 0.00	58.71 1.54 0.00	63.27 1.36 0.00	68.66 1.48 0.00	83.01 1.23 0.00	86.43 1.28 0.00	78.79 1.39 0.00	70.48 1.45 0.00	62.62 1.35 0.00	59.03 1.33 0.00	60.70 1.54 0.00

STATE_ST_34_KV_LOAD 55959	48.24 -0.59 0.00	47.61 -0.68 0.00	45.62 -0.69 0.00	47.13 -0.72 0.00	48.80 -0.69 0.00	54.37 -0.60 0.00	71.00 -0.72 0.00	73.07 -0.52 0.00	66.82 -0.40 0.00	67.12 -0.47 0.00	63.03 -0.19 0.00	60.71 -0.31 0.00	59.54 -0.42 0.00	56.65 -0.51 0.00	56.59 -0.57 0.00	61.35 -0.56 0.00	66.51 -0.67 0.00	81.54 -0.25 0.00	85.15 0.00 0.00	77.01 -0.39 0.00	68.62 -0.41 0.00	60.78 -0.49 0.00	57.07 -0.63 0.00	58.45 -0.71 0.00
STATION 5_MISC_HYD 23604	46.24 -2.59 0.00	45.63 -2.66 0.00	43.77 -2.55 0.00	45.22 -2.63 0.00	46.87 -2.62 0.00	52.44 -2.53 0.00	67.98 -3.73 0.00	69.76 -3.83 0.00	63.66 -3.56 0.00	64.28 -3.31 0.00	60.50 -2.72 0.00	58.51 -2.50 0.00	57.45 -2.52 0.00	54.48 -2.69 0.00	54.42 -2.74 0.00	59.00 -2.91 0.00	63.55 -3.63 0.00	78.51 -3.27 0.00	82.25 -2.90 0.00	73.92 -3.48 0.00	65.72 -3.31 0.00	58.51 -2.76 0.00	55.05 -2.65 0.00	56.56 -2.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.17 -1.66 0.00	46.55 -1.74 0.00	44.56 -1.76 0.00	46.13 -1.72 0.00	47.86 -1.63 0.00	53.60 -1.37 0.00	69.56 -2.15 0.00	71.45 -2.13 0.00	65.21 -2.02 0.00	65.56 -2.03 0.00	61.89 -1.33 0.00	59.73 -1.28 0.00	58.58 -1.38 0.00	55.56 -1.60 0.00	55.51 -1.66 0.00	60.30 -1.61 0.00	64.96 -2.22 0.00	80.23 -1.55 0.00	83.96 -1.19 0.00	75.54 -1.86 0.00	67.24 -1.79 0.00	59.62 -1.65 0.00	56.15 -1.56 0.00	57.56 -1.60 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.09 -2.73 0.00	45.48 -2.80 0.00	43.54 -2.78 0.00	45.07 -2.78 0.00	46.72 -2.77 0.00	52.28 -2.69 0.00	67.77 -3.94 0.00	69.61 -3.97 0.00	63.46 -3.76 0.00	63.87 -3.72 0.00	60.31 -2.91 0.00	58.33 -2.68 0.00	57.26 -2.70 0.00	54.19 -2.97 0.00	54.25 -2.92 0.00	58.88 -3.03 0.00	63.28 -3.90 0.00	78.27 -3.52 0.00	81.91 -3.24 0.00	73.68 -3.72 0.00	65.51 -3.52 0.00	58.08 -3.19 0.00	54.82 -2.89 0.00	56.32 -2.84 0.00
STA_56___34_KV_BUS2 355983	46.09 -2.73 0.00	45.48 -2.80 0.00	43.54 -2.78 0.00	45.07 -2.78 0.00	46.72 -2.77 0.00	52.28 -2.69 0.00	67.77 -3.94 0.00	69.61 -3.97 0.00	63.46 -3.76 0.00	63.87 -3.72 0.00	60.31 -2.91 0.00	58.33 -2.68 0.00	57.26 -2.70 0.00	54.19 -2.97 0.00	54.25 -2.92 0.00	58.88 -3.03 0.00	63.28 -3.90 0.00	78.27 -3.52 0.00	81.91 -3.24 0.00	73.68 -3.72 0.00	65.51 -3.52 0.00	58.08 -3.19 0.00	54.82 -2.89 0.00	56.32 -2.84 0.00
STA_67___115KV_BK2 355882	46.14 -2.69 0.00	45.48 -2.80 0.00	43.59 -2.73 0.00	45.12 -2.73 0.00	46.77 -2.72 0.00	52.33 -2.64 0.00	67.84 -3.87 0.00	69.61 -3.97 0.00	63.46 -3.76 0.00	63.81 -3.79 0.00	60.31 -2.91 0.00	58.33 -2.68 0.00	57.32 -2.64 0.00	54.19 -2.97 0.00	54.25 -2.92 0.00	58.88 -3.03 0.00	63.28 -3.90 0.00	78.27 -3.52 0.00	81.91 -3.24 0.00	73.68 -3.72 0.00	65.58 -3.45 0.00	58.14 -3.12 0.00	54.88 -2.83 0.00	56.38 -2.78 0.00
STA_7___115KV_9TRANS 80674	46.49 -2.34 0.00	45.82 -2.46 0.00	43.86 -2.45 0.00	45.41 -2.44 0.00	47.07 -2.43 0.00	52.77 -2.20 0.00	68.34 -3.37 0.00	70.20 -3.39 0.00	64.00 -3.23 0.00	64.41 -3.18 0.00	60.88 -2.34 0.00	58.88 -2.14 0.00	57.80 -2.16 0.00	54.71 -2.46 0.00	54.71 -2.46 0.00	59.37 -2.54 0.00	63.89 -3.29 0.00	79.09 -2.70 0.00	82.76 -2.38 0.00	74.38 -3.02 0.00	66.20 -2.83 0.00	58.64 -2.63 0.00	55.34 -2.37 0.00	56.85 -2.31 0.00
STA_82___115KV_TB1 80780	46.14 -2.69 0.00	45.53 -2.75 0.00	43.59 -2.73 0.00	45.12 -2.73 0.00	46.77 -2.72 0.00	52.33 -2.64 0.00	67.84 -3.87 0.00	69.61 -3.97 0.00	63.46 -3.76 0.00	63.87 -3.72 0.00	60.31 -2.91 0.00	58.33 -2.68 0.00	57.32 -2.64 0.00	54.19 -2.97 0.00	54.25 -2.92 0.00	58.88 -3.03 0.00	63.28 -3.90 0.00	78.35 -3.44 0.00	81.91 -3.24 0.00	73.68 -3.72 0.00	65.58 -3.45 0.00	58.14 -3.12 0.00	54.88 -2.83 0.00	56.38 -2.78 0.00
STEEL___WIND 323596	45.70 -3.13 0.00	45.15 -3.14 0.00	43.49 -2.83 0.00	44.93 -2.92 0.00	46.47 -3.02 0.00	52.22 -2.75 0.00	67.63 -4.08 0.00	69.17 -4.41 0.00	62.99 -4.23 0.00	63.60 -3.99 0.00	60.25 -2.97 0.00	58.57 -2.44 0.00	57.50 -2.46 0.00	54.25 -2.91 0.00	54.13 -3.03 0.00	58.88 -3.03 0.00	62.74 -4.44 0.00	78.19 -3.60 0.00	81.91 -3.24 0.00	73.53 -3.87 0.00	65.24 -3.80 0.00	58.27 -3.00 0.00	54.94 -2.77 0.00	56.62 -2.54 0.00
STEPHTWN_115KV_BK_2 55603	50.98 2.15 0.00	50.46 2.17 0.00	48.36 2.04 0.00	49.81 1.96 0.00	51.52 2.03 0.00	57.17 2.20 0.00	74.58 2.87 0.00	76.38 2.80 0.00	69.71 2.49 0.00	70.09 2.50 0.00	65.43 2.21 0.00	63.15 2.14 0.00	61.94 1.98 0.00	59.05 1.89 0.00	59.16 2.00 0.00	63.77 1.86 0.00	69.26 2.08 0.00	83.75 1.96 0.00	87.28 2.13 0.00	79.49 2.09 0.00	71.17 2.14 0.00	63.23 1.96 0.00	59.55 1.85 0.00	61.23 2.07 0.00
STEUBEN_REC_LFGE 323667	46.92 -1.90 0.00	46.60 -1.69 0.00	44.88 -1.44 0.00	46.61 -1.24 0.00	48.35 -1.14 0.00	54.31 -0.66 0.00	70.85 -0.86 0.00	72.92 -0.66 0.00	66.62 -0.61 0.00	66.65 -0.95 0.00	63.22 0.00 0.00	61.01 0.00 0.00	59.66 -0.30 0.00	56.36 -0.80 0.00	56.36 -0.80 0.00	61.29 -0.62 0.00	65.84 -1.34 0.00	81.95 0.16 0.00	85.74 0.60 0.00	77.09 -0.31 0.00	68.48 -0.55 0.00	60.66 -0.61 0.00	57.07 -0.63 0.00	58.69 -0.47 0.00
STILLWATER___SOLAR 323814	52.35 3.52 0.00	51.81 3.52 0.00	49.61 3.29 0.00	51.15 3.30 0.00	52.86 3.37 0.00	58.76 3.79 0.00	76.95 5.23 0.00	78.89 5.30 0.00	71.80 4.57 0.00	72.12 4.53 0.00	67.27 4.05 0.00	64.92 3.91 0.00	63.62 3.66 0.00	60.65 3.49 0.00	60.77 3.60 0.00	66.00 4.09 0.00	71.61 4.43 0.00	86.94 5.16 0.00	90.77 5.62 0.00	82.51 5.11 0.00	73.52 4.48 0.00	65.38 4.11 0.00	61.46 3.75 0.00	62.89 3.73 0.00
STONY___BROOK 24151	71.34 4.05 -18.46	62.63 3.86 -10.49	58.49 3.71 -8.47	51.34 3.49 0.00	53.01 3.51 0.00	76.97 3.79 -18.20	92.40 5.45 -15.24	97.65 5.52 -18.54	89.29 4.97 -17.09	80.74 4.80 -8.35	74.53 4.55 -6.76	72.22 4.27 -6.94	75.52 4.20 -11.36	75.10 4.12 -13.81	77.89 4.06 -16.67	81.58 4.33 -15.34	91.67 4.84 -19.65	103.41 5.89 -15.73	106.61 6.47 -15.00	103.23 5.81 -20.03	96.59 5.24 -22.31	87.70 4.47 -21.96	71.58 4.38 -9.48	68.38 4.14 -5.08
STURGEON_POOL_HYD 23609	51.22 2.39 0.00	50.55 2.27 0.00	48.50 2.18 0.00	49.86 2.01 0.00	51.52 2.03 0.00	56.95 1.98 0.00	74.58 2.87 0.00	76.24 2.65 0.00	69.71 2.49 0.00	69.96 2.37 0.00	65.18 1.96 0.00	62.72 1.71 0.00	61.64 1.68 0.00	58.88 1.71 0.00	58.88 1.71 0.00	63.77 1.86 0.00	69.40 2.22 0.00	84.49 2.70 0.00	88.21 3.07 0.00	80.26 2.86 0.00	71.52 2.49 0.00	63.48 2.21 0.00	59.84 2.14 0.00	61.11 1.95 0.00
ST_LAW_115_BK7_LBMP 345037	48.59 -0.24 0.00	48.09 -0.19 0.00	46.13 -0.18 0.00	47.90 0.05 0.00	49.59 0.10 0.00	55.19 0.22 0.00	71.93 0.22 0.00	73.96 0.37 0.00	67.56 0.34 0.00	68.00 0.41 0.00	63.67 0.45 0.00	61.50 0.49 0.00	60.62 0.66 0.00	57.85 0.69 0.00	57.85 0.69 0.00	62.71 0.80 0.00	68.05 0.87 0.00	82.52 0.73 0.00	85.23 0.09 0.00	78.09 0.70 0.00	69.65 0.62 0.00	61.88 0.61 0.00	58.28 0.58 0.00	59.93 0.77 0.00

ST_LAW_115_BK8_LBMP 345038	48.59 -0.24 0.00	48.09 -0.19 0.00	46.13 -0.18 0.00	47.90 0.05 0.00	49.59 0.10 0.00	55.19 0.22 0.00	71.93 0.22 0.00	73.96 0.37 0.00	67.56 0.34 0.00	68.00 0.41 0.00	63.67 0.45 0.00	61.50 0.49 0.00	60.62 0.66 0.00	57.85 0.69 0.00	57.85 0.69 0.00	62.71 0.80 0.00	68.05 0.87 0.00	82.52 0.73 0.00	85.23 0.09 0.00	78.09 0.70 0.00	69.65 0.62 0.00	61.88 0.61 0.00	58.28 0.58 0.00	59.93 0.77 0.00
ST_LAW_230_BK5_LBMP 345035	48.54 -0.29 0.00	48.04 -0.24 0.00	46.13 -0.18 0.00	47.85 0.00 0.00	49.54 0.05 0.00	55.19 0.22 0.00	71.93 0.22 0.00	73.88 0.30 0.00	67.56 0.34 0.00	68.00 0.41 0.00	63.60 0.38 0.00	61.50 0.49 0.00	60.62 0.66 0.00	57.79 0.63 0.00	57.85 0.69 0.00	62.66 0.75 0.00	67.99 0.81 0.00	82.52 0.73 0.00	85.23 0.09 0.00	78.02 0.62 0.00	69.65 0.62 0.00	61.82 0.55 0.00	58.23 0.52 0.00	59.87 0.71 0.00
ST_LAW_230_BK6_LBMP 345036	48.54 -0.29 0.00	48.04 -0.24 0.00	46.13 -0.18 0.00	47.85 0.00 0.00	49.54 0.05 0.00	55.19 0.22 0.00	71.93 0.22 0.00	73.88 0.30 0.00	67.56 0.34 0.00	68.00 0.41 0.00	63.60 0.38 0.00	61.50 0.49 0.00	60.62 0.66 0.00	57.79 0.63 0.00	57.85 0.69 0.00	62.66 0.75 0.00	67.99 0.81 0.00	82.52 0.73 0.00	85.23 0.09 0.00	78.02 0.62 0.00	69.65 0.62 0.00	61.82 0.55 0.00	58.23 0.52 0.00	59.87 0.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.83 2.00 0.00	50.17 1.88 0.00	48.13 1.81 0.00	49.48 1.63 0.00	51.08 1.58 0.00	56.51 1.54 0.00	74.01 2.29 0.00	75.72 2.13 0.00	69.17 1.95 0.00	69.48 1.89 0.00	64.74 1.52 0.00	62.42 1.40 0.00	61.28 1.32 0.00	58.54 1.37 0.00	58.54 1.37 0.00	63.27 1.36 0.00	68.86 1.68 0.00	83.67 1.88 0.00	87.36 2.21 0.00	79.41 2.01 0.00	70.90 1.86 0.00	62.92 1.65 0.00	59.32 1.62 0.00	60.64 1.48 0.00
SWANROAD_115KV_TB1 355699	44.04 -4.79 0.00	43.46 -4.83 0.00	41.73 -4.59 0.00	43.21 -4.64 0.00	44.74 -4.75 0.00	50.19 -4.78 0.00	64.76 -6.96 0.00	66.23 -7.36 0.00	60.30 -6.92 0.00	60.49 -7.10 0.00	57.78 -5.44 0.00	56.13 -4.88 0.00	55.11 -4.86 0.00	51.79 -5.37 0.00	51.85 -5.32 0.00	56.40 -5.51 0.00	60.06 -7.12 0.00	75.00 -6.79 0.00	78.42 -6.73 0.00	70.51 -6.89 0.00	62.61 -6.42 0.00	55.63 -5.64 0.00	52.80 -4.91 0.00	54.49 -4.67 0.00
SYNERGY___BIOGAS 323694	46.10 -2.73 0.00	45.44 -2.85 0.00	43.63 -2.69 0.00	45.07 -2.78 0.00	46.82 -2.67 0.00	52.66 -2.31 0.00	68.06 -3.65 0.00	69.76 -3.83 0.00	63.53 -3.70 0.00	64.21 -3.38 0.00	60.69 -2.53 0.00	58.82 -2.19 0.00	57.81 -2.16 0.00	54.59 -2.57 0.00	54.54 -2.63 0.00	59.31 -2.60 0.00	63.48 -3.69 0.00	79.09 -2.70 0.00	83.02 -2.13 0.00	74.30 -3.10 0.00	66.00 -3.04 0.00	58.82 -2.45 0.00	55.34 -2.37 0.00	56.91 -2.25 0.00
SYRACUSE___ENERGY_ST1 323597	48.24 -0.59 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.18 -0.67 0.00	48.80 -0.69 0.00	54.31 -0.66 0.00	70.85 -0.86 0.00	72.85 -0.74 0.00	66.62 -0.61 0.00	66.85 -0.74 0.00	62.72 -0.51 0.00	60.53 -0.49 0.00	59.36 -0.60 0.00	56.54 -0.63 0.00	56.48 -0.69 0.00	61.29 -0.62 0.00	66.44 -0.74 0.00	81.21 -0.57 0.00	84.81 -0.34 0.00	76.78 -0.62 0.00	68.48 -0.55 0.00	60.72 -0.55 0.00	57.01 -0.69 0.00	58.45 -0.71 0.00
SYRACUSE___ENERGY_ST2 323598	48.24 -0.59 0.00	47.66 -0.63 0.00	45.67 -0.65 0.00	47.18 -0.67 0.00	48.80 -0.69 0.00	54.31 -0.66 0.00	70.85 -0.86 0.00	72.85 -0.74 0.00	66.62 -0.61 0.00	66.85 -0.74 0.00	62.72 -0.51 0.00	60.53 -0.49 0.00	59.36 -0.60 0.00	56.54 -0.63 0.00	56.48 -0.69 0.00	61.29 -0.62 0.00	66.44 -0.74 0.00	81.21 -0.57 0.00	84.81 -0.34 0.00	76.78 -0.62 0.00	68.48 -0.55 0.00	60.72 -0.55 0.00	57.01 -0.69 0.00	58.45 -0.71 0.00
SYRACUSE___POWER 24017	48.05 -0.78 0.00	47.46 -0.82 0.00	45.49 -0.83 0.00	46.99 -0.86 0.00	48.60 -0.89 0.00	54.09 -0.88 0.00	70.57 -1.15 0.00	72.41 -1.18 0.00	66.15 -1.08 0.00	66.44 -1.15 0.00	62.34 -0.89 0.00	60.16 -0.85 0.00	59.00 -0.96 0.00	56.14 -1.03 0.00	56.14 -1.03 0.00	60.86 -1.05 0.00	65.90 -1.28 0.00	80.81 -0.98 0.00	84.30 -0.85 0.00	76.39 -1.01 0.00	68.07 -0.97 0.00	60.41 -0.86 0.00	56.78 -0.92 0.00	58.15 -1.01 0.00
TALLMAN___138KV_BK151 55660	51.03 2.20 0.00	50.31 2.03 0.00	48.31 1.99 0.00	49.62 1.77 0.00	51.17 1.68 0.00	56.57 1.59 0.00	74.15 2.44 0.00	75.87 2.28 0.00	69.24 2.02 0.00	69.69 2.10 0.00	64.80 1.58 0.00	62.48 1.46 0.00	61.40 1.44 0.00	58.65 1.49 0.00	58.59 1.43 0.00	63.33 1.42 0.00	68.93 1.75 0.00	83.75 1.96 0.00	87.36 2.21 0.00	79.49 2.09 0.00	70.97 1.93 0.00	62.99 1.72 0.00	59.44 1.73 0.00	60.70 1.54 0.00
TEALLAVE_115KV_TB7 355573	47.85 -0.98 0.00	47.27 -1.01 0.00	45.30 -1.02 0.00	46.80 -1.05 0.00	48.40 -1.09 0.00	53.87 -1.10 0.00	70.21 -1.51 0.00	72.04 -1.55 0.00	65.88 -1.34 0.00	66.17 -1.42 0.00	62.08 -1.14 0.00	59.85 -1.16 0.00	58.76 -1.20 0.00	55.91 -1.26 0.00	55.91 -1.26 0.00	60.61 -1.30 0.00	65.57 -1.61 0.00	80.23 -1.55 0.00	83.79 -1.36 0.00	75.85 -1.55 0.00	67.65 -1.38 0.00	60.04 -1.23 0.00	56.44 -1.27 0.00	57.86 -1.30 0.00
TELGRAPH_34_KV_EAST 80808	45.22 -3.61 0.00	44.57 -3.72 0.00	42.75 -3.57 0.00	44.31 -3.54 0.00	45.93 -3.56 0.00	51.56 -3.41 0.00	66.62 -5.09 0.00	68.29 -5.30 0.00	62.18 -5.04 0.00	62.45 -5.14 0.00	59.55 -3.67 0.00	57.78 -3.23 0.00	56.78 -3.18 0.00	53.45 -3.72 0.00	53.51 -3.66 0.00	58.13 -3.78 0.00	62.01 -5.17 0.00	77.37 -4.42 0.00	81.06 -4.09 0.00	72.68 -4.72 0.00	64.55 -4.49 0.00	57.29 -3.98 0.00	54.30 -3.40 0.00	55.91 -3.25 0.00
TEMPLE___115KV_TB 2 55572	47.85 -0.98 0.00	47.27 -1.01 0.00	45.30 -1.02 0.00	46.80 -1.05 0.00	48.40 -1.09 0.00	53.82 -1.15 0.00	70.21 -1.51 0.00	72.12 -1.47 0.00	65.88 -1.34 0.00	66.17 -1.42 0.00	62.08 -1.14 0.00	59.92 -1.10 0.00	58.76 -1.20 0.00	55.96 -1.20 0.00	55.91 -1.26 0.00	60.61 -1.30 0.00	65.63 -1.55 0.00	80.23 -1.55 0.00	83.79 -1.36 0.00	75.85 -1.55 0.00	67.65 -1.38 0.00	60.04 -1.23 0.00	56.44 -1.27 0.00	57.86 -1.30 0.00
TIANA____69_KV_BK 1 55817	71.34 4.05 -18.46	62.59 3.81 -10.49	58.49 3.71 -8.47	51.29 3.45 0.00	53.01 3.51 0.00	76.91 3.74 -18.20	92.33 5.38 -15.24	97.58 5.45 -18.54	89.29 4.97 -17.09	80.74 4.80 -8.35	74.40 4.43 -6.76	72.16 4.21 -6.94	75.52 4.20 -11.36	75.09 4.12 -13.81	77.89 4.06 -16.67	81.64 4.40 -15.34	91.74 4.90 -19.65	103.57 6.05 -15.73	106.70 6.56 -15.00	103.31 5.88 -20.03	96.66 5.32 -22.31	87.94 4.72 -21.96	71.69 4.50 -9.48	68.62 4.38 -5.08
TILDEN___115KV_TB1 80814	48.05 -0.78 0.00	47.46 -0.82 0.00	45.49 -0.83 0.00	46.99 -0.86 0.00	48.60 -0.89 0.00	54.09 -0.88 0.00	70.57 -1.15 0.00	72.41 -1.18 0.00	66.15 -1.08 0.00	66.44 -1.15 0.00	62.34 -0.89 0.00	60.16 -0.85 0.00	59.00 -0.96 0.00	56.14 -1.03 0.00	56.14 -1.03 0.00	60.86 -1.05 0.00	65.90 -1.28 0.00	80.81 -0.98 0.00	84.30 -0.85 0.00	76.39 -1.01 0.00	68.07 -0.97 0.00	60.41 -0.86 0.00	56.78 -0.92 0.00	58.15 -1.01 0.00

TRIGEN___CC 323695	70.56 3.27 -18.46	61.81 3.04 -10.49	57.75 2.96 -8.47	50.62 2.78 0.00	52.21 2.72 0.00	75.98 2.80 -18.20	91.04 4.09 -15.24	96.25 4.12 -18.54	88.08 3.76 -17.09	79.80 3.85 -8.35	73.20 3.22 -6.76	71.00 3.05 -6.94	74.32 3.00 -11.36	73.95 2.97 -13.81	76.75 2.92 -16.67	80.28 3.03 -15.34	90.26 3.43 -19.65	101.52 4.01 -15.73	104.57 4.43 -15.00	101.45 4.02 -20.03	95.01 3.66 -22.31	86.47 3.25 -21.96	70.31 3.12 -9.48	67.14 2.90 -5.08
TRINITY___115KV___4 BK 55933	50.64 1.81 0.00	50.07 1.79 0.00	48.03 1.71 0.00	49.48 1.63 0.00	51.12 1.63 0.00	56.68 1.70 0.00	73.79 2.08 0.00	75.57 1.99 0.00	69.04 1.82 0.00	69.42 1.82 0.00	64.80 1.58 0.00	62.54 1.53 0.00	61.34 1.38 0.00	58.54 1.37 0.00	58.59 1.43 0.00	63.15 1.24 0.00	68.59 1.41 0.00	82.93 1.15 0.00	86.34 1.19 0.00	78.64 1.24 0.00	70.41 1.38 0.00	62.56 1.29 0.00	58.98 1.27 0.00	60.64 1.48 0.00
UNION___PROCESSING_DRP 323587	46.14 -2.69 0.00	45.53 -2.75 0.00	43.59 -2.73 0.00	45.12 -2.73 0.00	46.77 -2.72 0.00	52.33 -2.64 0.00	67.84 -3.87 0.00	69.61 -3.97 0.00	63.46 -3.76 0.00	63.87 -3.72 0.00	60.38 -2.84 0.00	58.33 -2.68 0.00	57.32 -2.64 0.00	54.19 -2.97 0.00	54.25 -2.92 0.00	58.88 -3.03 0.00	63.28 -3.90 0.00	78.35 -3.44 0.00	81.91 -3.24 0.00	73.76 -3.64 0.00	65.58 -3.45 0.00	58.14 -3.12 0.00	54.94 -2.77 0.00	56.44 -2.72 0.00
UPPER HUDSON___HYD 24058	53.81 4.98 0.00	53.31 5.02 0.00	51.00 4.68 0.00	52.59 4.74 0.00	54.39 4.90 0.00	60.63 5.66 0.00	79.67 7.96 0.00	81.68 8.09 0.00	74.28 7.06 0.00	74.69 7.10 0.00	69.42 6.20 0.00	67.00 5.98 0.00	65.54 5.58 0.00	62.42 5.26 0.00	62.71 5.54 0.00	67.67 5.76 0.00	73.49 6.31 0.00	89.15 7.36 0.00	93.15 8.00 0.00	84.60 7.20 0.00	75.31 6.28 0.00	67.15 5.88 0.00	62.96 5.25 0.00	64.42 5.26 0.00
UPPER RAQUET___HYD 24056	49.27 0.44 0.00	48.72 0.43 0.00	46.73 0.42 0.00	48.61 0.76 0.00	50.18 0.69 0.00	57.77 2.80 0.00	75.02 3.30 0.00	77.12 3.53 0.00	70.45 3.23 0.00	70.77 3.18 0.00	66.82 3.60 0.00	65.10 4.09 0.00	65.18 5.21 0.00	62.77 5.61 0.00	62.71 5.54 0.00	68.16 6.25 0.00	73.43 6.25 0.00	83.75 1.96 0.00	85.49 0.34 0.00	78.95 1.55 0.00	70.55 1.52 0.00	62.98 1.71 0.00	59.55 1.85 0.00	61.23 2.07 0.00
VALLEY44_115KV_TB2 355964	47.61 -1.22 0.00	47.03 -1.26 0.00	45.30 -1.02 0.00	46.84 -1.00 0.00	48.45 -1.04 0.00	54.42 -0.55 0.00	70.78 -0.93 0.00	72.26 -1.32 0.00	66.01 -1.21 0.00	66.24 -1.35 0.00	62.97 -0.25 0.00	61.20 0.18 0.00	60.02 0.06 0.00	56.59 -0.57 0.00	56.59 -0.57 0.00	61.54 -0.37 0.00	64.76 -2.42 0.00	80.48 -1.31 0.00	84.21 -0.94 0.00	75.70 -1.70 0.00	67.17 -1.86 0.00	59.62 -1.65 0.00	56.38 -1.33 0.00	58.21 -0.95 0.00
VALLEY___115KV_TB 1-4 80826	49.76 0.93 0.00	49.25 0.97 0.00	47.25 0.93 0.00	48.90 1.05 0.00	50.63 1.14 0.00	56.35 1.37 0.00	73.44 1.72 0.00	75.43 1.84 0.00	68.97 1.75 0.00	69.35 1.76 0.00	64.99 1.77 0.00	62.72 1.71 0.00	61.58 1.62 0.00	58.71 1.54 0.00	58.65 1.49 0.00	63.52 1.61 0.00	68.93 1.75 0.00	83.83 2.04 0.00	87.36 2.21 0.00	79.18 1.78 0.00	70.48 1.45 0.00	62.56 1.29 0.00	58.98 1.27 0.00	60.40 1.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.51 2.69 0.00	50.89 2.61 0.00	48.73 2.41 0.00	50.34 2.49 0.00	52.02 2.52 0.00	57.72 2.75 0.00	75.59 3.87 0.00	77.56 3.97 0.00	71.12 3.90 0.00	71.38 3.79 0.00	66.83 3.60 0.00	64.37 3.36 0.00	63.02 3.06 0.00	60.08 2.92 0.00	60.08 2.92 0.00	65.01 3.10 0.00	70.54 3.36 0.00	86.37 4.58 0.00	90.43 5.28 0.00	81.73 4.33 0.00	72.76 3.73 0.00	64.46 3.19 0.00	60.71 3.00 0.00	62.24 3.08 0.00
VISCHER___FERRY HYD 24020	51.51 2.68 0.00	50.94 2.65 0.00	48.82 2.50 0.00	50.34 2.49 0.00	52.01 2.52 0.00	57.66 2.69 0.00	75.30 3.58 0.00	77.19 3.60 0.00	70.38 3.16 0.00	70.70 3.11 0.00	66.00 2.78 0.00	63.64 2.62 0.00	62.48 2.52 0.00	59.56 2.40 0.00	59.62 2.46 0.00	64.57 2.66 0.00	70.13 2.95 0.00	85.14 3.35 0.00	88.89 3.74 0.00	80.80 3.40 0.00	72.07 3.03 0.00	64.03 2.76 0.00	60.31 2.60 0.00	61.70 2.54 0.00
V_A_10_SYNC_DSASP 323832	44.73 -4.10 0.00	44.13 -4.15 0.00	42.47 -3.84 0.00	43.83 -4.02 0.00	45.38 -4.11 0.00	50.79 -4.18 0.00	65.62 -6.10 0.00	67.18 -6.40 0.00	61.24 -5.98 0.00	61.78 -5.81 0.00	58.35 -4.87 0.00	56.62 -4.39 0.00	55.59 -4.37 0.00	52.54 -4.63 0.00	52.48 -4.69 0.00	56.96 -4.96 0.00	61.00 -6.18 0.00	75.74 -6.05 0.00	79.27 -5.87 0.00	71.28 -6.12 0.00	63.30 -5.73 0.00	56.49 -4.78 0.00	53.26 -4.44 0.00	54.90 -4.26 0.00
V_CMM_10_SYNC_DSASP 323787	48.78 -0.05 0.00	48.28 0.00 0.00	46.37 0.05 0.00	48.14 0.29 0.00	49.84 0.35 0.00	55.46 0.49 0.00	72.58 0.86 0.00	74.54 0.95 0.00	68.10 0.87 0.00	68.61 1.02 0.00	64.17 0.95 0.00	62.05 1.04 0.00	61.22 1.26 0.00	58.37 1.20 0.00	58.42 1.26 0.00	63.34 1.43 0.00	68.66 1.48 0.00	83.26 1.47 0.00	85.83 0.68 0.00	78.40 1.00 0.00	70.00 0.97 0.00	62.13 0.86 0.00	58.57 0.87 0.00	60.23 1.07 0.00
V_CMP_10_SYNC_DSASP 323788	47.46 -1.37 0.00	47.18 -1.11 0.00	45.53 -0.79 0.00	47.75 -0.10 0.00	49.89 0.39 0.00	56.24 1.27 0.00	72.93 1.22 0.00	75.35 1.76 0.00	69.04 1.82 0.00	69.75 2.16 0.00	65.43 2.21 0.00	63.39 2.38 0.00	62.84 2.88 0.00	59.96 2.80 0.00	60.02 2.86 0.00	65.13 3.22 0.00	70.74 3.56 0.00	84.40 2.62 0.00	86.59 1.45 0.00	79.80 2.40 0.00	71.80 2.76 0.00	63.60 2.33 0.00	59.73 2.02 0.00	62.12 2.96 0.00
V_D_10_SYNC_DSASP 323841	49.22 0.39 0.00	48.67 0.38 0.00	46.73 0.42 0.00	48.52 0.67 0.00	50.24 0.74 0.00	55.80 0.83 0.00	72.72 1.00 0.00	74.69 1.11 0.00	68.30 1.07 0.00	68.74 1.15 0.00	64.30 1.07 0.00	62.17 1.16 0.00	61.34 1.38 0.00	58.53 1.37 0.00	58.53 1.37 0.00	63.52 1.61 0.00	68.86 1.68 0.00	83.67 1.88 0.00	85.91 0.76 0.00	79.18 1.78 0.00	70.62 1.59 0.00	62.74 1.47 0.00	59.15 1.44 0.00	60.81 1.65 0.00
V_E_10_SYNC_DSASP 323830	51.91 3.08 0.00	51.18 2.90 0.00	49.00 2.69 0.00	50.87 3.02 0.00	52.71 3.22 0.00	58.87 3.90 0.00	77.45 5.74 0.00	79.77 6.18 0.00	73.01 5.78 0.00	72.93 5.34 0.00	68.34 5.12 0.00	65.78 4.76 0.00	64.34 4.37 0.00	61.28 4.12 0.00	61.45 4.29 0.00	66.86 4.95 0.00	72.75 5.57 0.00	89.97 8.18 0.00	94.60 9.45 0.00	84.83 7.43 0.00	75.31 6.28 0.00	66.42 5.15 0.00	62.33 4.62 0.00	63.90 4.73 0.00
V_F_30_NSYNC___DSASP 323816	52.44 3.61 0.00	51.91 3.62 0.00	49.70 3.38 0.00	51.25 3.40 0.00	52.95 3.46 0.00	58.87 3.90 0.00	77.10 5.38 0.00	79.03 5.45 0.00	71.93 4.70 0.00	72.25 4.66 0.00	67.39 4.17 0.00	65.04 4.03 0.00	63.74 3.78 0.00	60.77 3.60 0.00	60.94 3.77 0.00	66.06 4.15 0.00	71.75 4.57 0.00	87.10 5.31 0.00	90.94 5.79 0.00	82.59 5.19 0.00	73.66 4.63 0.00	65.49 4.22 0.00	61.52 3.81 0.00	62.95 3.79 0.00

V_F_30_SYNC_DSASP 323786	50.68 1.86 0.00	50.12 1.83 0.00	48.03 1.71 0.00	49.52 1.67 0.00	51.17 1.68 0.00	56.73 1.76 0.00	73.94 2.22 0.00	75.72 2.13 0.00	69.11 1.88 0.00	69.48 1.89 0.00	64.93 1.71 0.00	62.66 1.65 0.00	61.46 1.50 0.00	58.65 1.49 0.00	58.71 1.54 0.00	63.27 1.36 0.00	68.66 1.48 0.00	83.01 1.23 0.00	86.51 1.36 0.00	78.79 1.39 0.00	70.48 1.45 0.00	62.68 1.41 0.00	59.03 1.33 0.00	60.70 1.54 0.00
V_XM_10_SYNC_DSASP 323789	47.46 -1.37 0.00	47.18 -1.11 0.00	45.53 -0.79 0.00	47.75 -0.10 0.00	49.89 0.39 0.00	56.24 1.27 0.00	72.93 1.22 0.00	75.35 1.76 0.00	69.04 1.82 0.00	69.75 2.16 0.00	65.43 2.21 0.00	63.39 2.38 0.00	62.84 2.88 0.00	59.96 2.80 0.00	60.02 2.86 0.00	65.13 3.22 0.00	70.74 3.56 0.00	84.40 2.62 0.00	86.59 1.45 0.00	79.80 2.40 0.00	71.80 2.76 0.00	63.60 2.33 0.00	59.73 2.02 0.00	62.12 2.96 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.12 2.29 0.00	50.46 2.17 0.00	48.40 2.08 0.00	49.76 1.91 0.00	51.32 1.83 0.00	56.73 1.76 0.00	74.30 2.58 0.00	76.09 2.50 0.00	69.58 2.35 0.00	69.96 2.37 0.00	65.12 1.90 0.00	62.72 1.71 0.00	61.64 1.68 0.00	58.94 1.77 0.00	58.88 1.71 0.00	63.64 1.73 0.00	69.19 2.02 0.00	84.08 2.29 0.00	87.79 2.64 0.00	79.88 2.48 0.00	71.31 2.28 0.00	63.29 2.02 0.00	59.73 2.02 0.00	60.99 1.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.42 2.59 0.00	50.65 2.37 0.00	48.68 2.36 0.00	50.00 2.15 0.00	51.52 2.03 0.00	56.95 1.98 0.00	74.94 3.23 0.00	76.83 3.24 0.00	70.25 3.03 0.00	70.77 3.18 0.00	65.69 2.47 0.00	63.39 2.38 0.00	62.24 2.28 0.00	59.45 2.29 0.00	59.39 2.23 0.00	64.20 2.29 0.00	69.80 2.62 0.00	84.73 2.94 0.00	88.55 3.41 0.00	80.42 3.02 0.00	71.86 2.83 0.00	63.78 2.51 0.00	60.07 2.37 0.00	61.23 2.07 0.00
W50THST__13_KV_LOAD 356117	51.56 2.73 0.00	50.80 2.51 0.00	48.82 2.50 0.00	50.15 2.30 0.00	51.67 2.18 0.00	57.11 2.14 0.00	75.30 3.59 0.00	77.27 3.68 0.00	70.65 3.43 0.00	71.11 3.51 0.00	66.00 2.78 0.00	63.64 2.62 0.00	62.54 2.58 0.00	59.68 2.52 0.00	59.62 2.46 0.00	64.45 2.54 0.00	70.13 2.96 0.00	85.14 3.35 0.00	88.90 3.75 0.00	80.73 3.33 0.00	72.07 3.04 0.00	63.97 2.70 0.00	60.30 2.60 0.00	61.47 2.31 0.00
WADING RIVER_IC_1 23522	71.39 4.10 -18.46	62.63 3.86 -10.49	58.54 3.75 -8.47	51.39 3.54 0.00	53.06 3.57 0.00	76.97 3.79 -18.20	92.47 5.52 -15.24	97.72 5.59 -18.54	89.36 5.04 -17.09	80.88 4.93 -8.35	74.66 4.68 -6.76	72.40 4.45 -6.94	75.70 4.37 -11.36	75.21 4.23 -13.81	78.01 4.17 -16.67	81.76 4.52 -15.34	91.80 4.97 -19.65	103.65 6.14 -15.73	106.79 6.65 -15.00	103.47 6.04 -20.03	96.73 5.39 -22.31	87.88 4.65 -21.96	71.70 4.50 -9.48	68.50 4.26 -5.08
WADING RIVER_IC_2 23547	71.39 4.10 -18.46	62.63 3.86 -10.49	58.54 3.75 -8.47	51.39 3.54 0.00	53.06 3.57 0.00	76.97 3.79 -18.20	92.47 5.52 -15.24	97.72 5.59 -18.54	89.36 5.04 -17.09	80.88 4.93 -8.35	74.66 4.68 -6.76	72.40 4.45 -6.94	75.70 4.37 -11.36	75.21 4.23 -13.81	78.01 4.17 -16.67	81.76 4.52 -15.34	91.80 4.97 -19.65	103.65 6.14 -15.73	106.79 6.65 -15.00	103.47 6.04 -20.03	96.73 5.39 -22.31	87.88 4.65 -21.96	71.70 4.50 -9.48	68.50 4.26 -5.08
WADING RIVER_IC_3 23601	71.39 4.10 -18.46	62.63 3.86 -10.49	58.54 3.75 -8.47	51.39 3.54 0.00	53.06 3.57 0.00	76.97 3.79 -18.20	92.47 5.52 -15.24	97.72 5.59 -18.54	89.36 5.04 -17.09	80.88 4.93 -8.35	74.66 4.68 -6.76	72.40 4.45 -6.94	75.70 4.37 -11.36	75.21 4.23 -13.81	78.01 4.17 -16.67	81.76 4.52 -15.34	91.80 4.97 -19.65	103.65 6.14 -15.73	106.79 6.65 -15.00	103.47 6.04 -20.03	96.73 5.39 -22.31	87.88 4.65 -21.96	71.70 4.50 -9.48	68.50 4.26 -5.08
WALDENNY_12_KV_BK2 80841	45.66 -3.17 0.00	45.05 -3.24 0.00	43.31 -3.01 0.00	44.83 -3.01 0.00	46.42 -3.07 0.00	52.17 -2.80 0.00	67.56 -4.16 0.00	69.10 -4.49 0.00	62.99 -4.24 0.00	63.20 -4.39 0.00	60.25 -2.97 0.00	58.63 -2.38 0.00	57.50 -2.46 0.00	54.13 -3.03 0.00	54.13 -3.03 0.00	58.88 -3.03 0.00	62.68 -4.50 0.00	78.19 -3.60 0.00	81.83 -3.32 0.00	73.53 -3.87 0.00	65.24 -3.80 0.00	57.90 -3.37 0.00	54.94 -2.77 0.00	56.56 -2.60 0.00
WALDEN__HYDRO 24148	51.12 2.29 0.00	50.46 2.17 0.00	48.40 2.08 0.00	49.76 1.91 0.00	51.37 1.88 0.00	56.84 1.87 0.00	74.44 2.73 0.00	76.16 2.58 0.00	69.58 2.35 0.00	69.89 2.30 0.00	65.12 1.90 0.00	62.72 1.71 0.00	61.64 1.68 0.00	58.88 1.71 0.00	58.82 1.66 0.00	63.64 1.73 0.00	69.26 2.08 0.00	84.32 2.54 0.00	87.96 2.81 0.00	80.03 2.63 0.00	71.38 2.35 0.00	63.35 2.08 0.00	59.73 2.02 0.00	60.99 1.83 0.00
WARRENSBURG____ 23737	53.81 4.98 0.00	53.31 5.02 0.00	51.00 4.68 0.00	52.59 4.74 0.00	54.39 4.90 0.00	60.63 5.66 0.00	79.67 7.96 0.00	81.68 8.09 0.00	74.28 7.06 0.00	74.69 7.10 0.00	69.42 6.20 0.00	67.00 5.98 0.00	65.54 5.58 0.00	62.42 5.26 0.00	62.71 5.54 0.00	67.67 5.76 0.00	73.49 6.31 0.00	89.15 7.36 0.00	93.15 8.00 0.00	84.60 7.20 0.00	75.31 6.28 0.00	67.15 5.88 0.00	62.96 5.25 0.00	64.42 5.26 0.00
WATERSIDE____6 8 9 23538	49.39 2.88 2.32	48.73 2.66 2.21	46.48 2.59 2.43	48.06 2.44 2.23	49.74 2.28 2.03	55.97 2.25 1.26	75.01 3.30 0.00	77.05 3.46 0.00	70.45 3.23 0.00	70.96 3.38 0.01	65.48 2.78 0.52	62.78 2.62 0.85	61.47 2.52 1.01	58.27 2.52 1.41	58.20 2.46 1.42	60.75 2.54 3.70	70.06 2.89 0.01	77.35 3.19 7.62	81.70 3.58 7.02	73.41 3.25 7.24	62.45 3.04 9.62	63.16 2.70 0.81	58.99 2.60 1.31	60.47 2.25 0.94
WATKINRD_115KV_LN8_ILLION 55919	49.61 0.78 0.00	49.06 0.77 0.00	47.11 0.79 0.00	48.66 0.81 0.00	50.38 0.89 0.00	56.02 1.04 0.00	73.01 1.29 0.00	74.99 1.40 0.00	68.50 1.28 0.00	68.88 1.28 0.00	64.55 1.33 0.00	62.23 1.22 0.00	61.16 1.20 0.00	58.25 1.09 0.00	58.25 1.09 0.00	63.09 1.18 0.00	68.46 1.28 0.00	83.34 1.55 0.00	86.85 1.70 0.00	78.79 1.39 0.00	70.21 1.17 0.00	62.31 1.04 0.00	58.69 0.98 0.00	60.11 0.95 0.00
WATSON__69_KV_BK 1 55734	71.54 4.25 -18.46	62.83 4.06 -10.49	58.72 3.94 -8.47	51.53 3.68 0.00	53.20 3.71 0.00	77.19 4.01 -18.20	92.69 5.74 -15.24	97.94 5.81 -18.54	89.56 5.24 -17.09	81.15 5.20 -8.35	74.78 4.80 -6.76	72.53 4.58 -6.94	75.82 4.50 -11.36	75.38 4.40 -13.81	78.18 4.34 -16.67	81.89 4.64 -15.34	92.01 5.17 -19.65	103.73 6.22 -15.73	106.87 6.73 -15.00	103.54 6.11 -20.03	96.87 5.52 -22.31	88.07 4.84 -21.96	71.75 4.56 -9.48	68.62 4.38 -5.08
WDELAWARE__HYD 323627	50.98 2.15 0.00	50.31 2.03 0.00	48.17 1.85 0.00	49.62 1.77 0.00	51.32 1.83 0.00	56.78 1.81 0.00	74.44 2.72 0.00	76.01 2.42 0.00	69.58 2.35 0.00	69.75 2.16 0.00	65.06 1.83 0.00	62.54 1.53 0.00	61.46 1.50 0.00	58.65 1.48 0.00	58.59 1.43 0.00	63.52 1.61 0.00	69.19 2.01 0.00	84.40 2.62 0.00	88.21 3.06 0.00	80.27 2.87 0.00	71.52 2.48 0.00	63.35 2.08 0.00	59.73 2.02 0.00	60.93 1.77 0.00

WEST BABYLON___IC 23714	71.34 4.05 -18.46	62.63 3.86 -10.49	58.54 3.75 -8.47	51.34 3.49 0.00	53.01 3.51 0.00	76.91 3.74 -18.20	92.33 5.38 -15.24	97.58 5.45 -18.54	89.22 4.91 -17.09	80.81 4.87 -8.35	74.40 4.43 -6.76	72.16 4.21 -6.94	75.46 4.14 -11.36	75.04 4.06 -13.81	77.84 4.00 -16.67	81.52 4.27 -15.34	91.60 4.77 -19.65	103.24 5.73 -15.73	106.36 6.22 -15.00	103.08 5.65 -20.03	96.45 5.11 -22.31	87.70 4.47 -21.96	71.46 4.27 -9.48	68.26 4.02 -5.08
WEST CANADA___HYD 24049	49.12 0.29 0.00	48.58 0.29 0.00	46.60 0.28 0.00	48.14 0.29 0.00	49.74 0.25 0.00	55.25 0.28 0.00	72.08 0.36 0.00	73.96 0.37 0.00	67.56 0.34 0.00	67.93 0.34 0.00	63.54 0.32 0.00	61.26 0.25 0.00	60.20 0.24 0.00	57.39 0.23 0.00	57.39 0.23 0.00	62.16 0.25 0.00	67.45 0.27 0.00	82.12 0.33 0.00	85.66 0.51 0.00	77.79 0.39 0.00	69.31 0.28 0.00	61.52 0.25 0.00	57.94 0.23 0.00	59.40 0.24 0.00
WESTERN_NY_WIND 24143	46.00 -2.83 0.00	45.34 -2.95 0.00	43.40 -2.92 0.00	44.98 -2.87 0.00	46.72 -2.77 0.00	52.55 -2.42 0.00	67.91 -3.80 0.00	69.61 -3.97 0.00	63.39 -3.83 0.00	63.74 -3.85 0.00	60.63 -2.59 0.00	58.76 -2.26 0.00	57.68 -2.28 0.00	54.36 -2.80 0.00	54.42 -2.74 0.00	59.19 -2.72 0.00	63.28 -3.90 0.00	78.92 -2.86 0.00	82.76 -2.38 0.00	74.15 -3.25 0.00	65.86 -3.18 0.00	58.39 -2.88 0.00	55.28 -2.42 0.00	56.85 -2.31 0.00
WESTOVER___LESR 323668	48.54 -0.29 0.00	47.95 -0.34 0.00	45.99 -0.32 0.00	47.51 -0.33 0.00	49.15 -0.35 0.00	54.64 -0.33 0.00	71.36 -0.36 0.00	73.15 -0.44 0.00	66.82 -0.40 0.00	66.98 -0.61 0.00	62.91 -0.32 0.00	60.77 -0.24 0.00	59.60 -0.36 0.00	56.65 -0.51 0.00	56.71 -0.46 0.00	61.48 -0.43 0.00	66.64 -0.54 0.00	81.79 0.00 0.00	85.32 0.17 0.00	77.24 -0.15 0.00	68.76 -0.28 0.00	60.96 -0.31 0.00	57.42 -0.29 0.00	58.92 -0.24 0.00
WETHRSFD_WT_PWR 323626	45.70 -3.13 0.00	45.19 -3.09 0.00	43.59 -2.73 0.00	45.07 -2.78 0.00	46.67 -2.82 0.00	52.39 -2.58 0.00	67.98 -3.73 0.00	69.61 -3.97 0.00	63.40 -3.83 0.00	63.81 -3.78 0.00	60.31 -2.91 0.00	58.51 -2.50 0.00	57.33 -2.64 0.00	54.13 -3.03 0.00	54.02 -3.14 0.00	58.69 -3.22 0.00	63.01 -4.17 0.00	78.51 -3.27 0.00	82.25 -2.90 0.00	73.92 -3.48 0.00	65.58 -3.45 0.00	58.51 -2.76 0.00	55.11 -2.60 0.00	56.73 -2.43 0.00
WHAVSTOR_138KV_BK127 55557	50.98 2.15 0.00	50.31 2.03 0.00	48.31 1.99 0.00	49.62 1.77 0.00	51.17 1.68 0.00	56.57 1.59 0.00	74.08 2.37 0.00	75.79 2.21 0.00	69.17 1.95 0.00	69.62 2.03 0.00	64.74 1.52 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.65 1.49 0.00	58.59 1.43 0.00	63.33 1.42 0.00	68.86 1.68 0.00	83.67 1.88 0.00	87.28 2.13 0.00	79.41 2.01 0.00	70.90 1.86 0.00	62.92 1.65 0.00	59.44 1.73 0.00	60.70 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.98 2.15 0.00	50.31 2.03 0.00	48.31 1.99 0.00	49.62 1.77 0.00	51.17 1.68 0.00	56.57 1.59 0.00	74.08 2.37 0.00	75.79 2.21 0.00	69.17 1.95 0.00	69.62 2.03 0.00	64.74 1.52 0.00	62.48 1.46 0.00	61.34 1.38 0.00	58.65 1.49 0.00	58.59 1.43 0.00	63.33 1.42 0.00	68.86 1.68 0.00	83.67 1.88 0.00	87.28 2.13 0.00	79.41 2.01 0.00	70.90 1.86 0.00	62.92 1.65 0.00	59.44 1.73 0.00	60.70 1.54 0.00
WHITEHAL_115KV_TB1 80871	54.64 5.81 0.00	54.13 5.84 0.00	51.78 5.47 0.00	53.40 5.55 0.00	55.23 5.74 0.00	61.68 6.71 0.00	81.18 9.47 0.00	83.30 9.71 0.00	75.63 8.40 0.00	75.97 8.38 0.00	70.62 7.40 0.00	68.15 7.14 0.00	66.62 6.66 0.00	63.45 6.29 0.00	63.80 6.63 0.00	68.91 7.00 0.00	74.90 7.73 0.00	90.78 9.00 0.00	94.86 9.71 0.00	86.15 8.75 0.00	76.63 7.59 0.00	68.32 7.05 0.00	63.94 6.23 0.00	65.37 6.21 0.00
WHITEPLN_13_KV_LOAD 356215	51.71 2.88 0.00	50.99 2.70 0.00	48.91 2.59 0.00	50.29 2.44 0.00	51.82 2.33 0.00	57.39 2.42 0.00	75.44 3.73 0.00	77.27 3.68 0.00	70.59 3.36 0.00	71.11 3.51 0.00	66.13 2.91 0.00	63.76 2.75 0.00	62.66 2.70 0.00	59.79 2.63 0.00	59.68 2.52 0.00	64.57 2.66 0.00	70.27 3.09 0.00	85.39 3.60 0.00	89.07 3.92 0.00	81.11 3.72 0.00	72.35 3.31 0.00	64.21 2.94 0.00	60.48 2.77 0.00	61.70 2.54 0.00
WM_FLOYD_69_KV_BK2 356380	71.25 3.96 -18.46	62.49 3.72 -10.49	58.40 3.61 -8.47	51.25 3.40 0.00	52.91 3.41 0.00	76.80 3.63 -18.20	92.19 5.24 -15.24	97.43 5.30 -18.54	89.09 4.77 -17.09	80.61 4.66 -8.35	74.34 4.36 -6.76	72.10 4.15 -6.94	75.40 4.08 -11.36	74.98 4.00 -13.81	77.78 3.94 -16.67	81.46 4.21 -15.34	91.54 4.70 -19.65	103.24 5.73 -15.73	106.36 6.22 -15.00	103.08 5.65 -20.03	96.45 5.11 -22.31	87.70 4.47 -21.96	71.46 4.27 -9.48	68.32 4.08 -5.08
WOODARD__115KV_TB2 355635	47.85 -0.98 0.00	47.27 -1.01 0.00	45.30 -1.02 0.00	46.80 -1.05 0.00	48.40 -1.09 0.00	53.87 -1.10 0.00	70.21 -1.51 0.00	72.19 -1.40 0.00	65.95 -1.28 0.00	66.24 -1.35 0.00	62.15 -1.07 0.00	59.92 -1.10 0.00	58.82 -1.14 0.00	56.02 -1.14 0.00	55.96 -1.20 0.00	60.67 -1.24 0.00	65.77 -1.41 0.00	80.32 -1.47 0.00	83.87 -1.28 0.00	76.01 -1.39 0.00	67.72 -1.31 0.00	60.11 -1.16 0.00	56.50 -1.21 0.00	57.92 -1.24 0.00
YORK___WARBASSE 23770	68.38 3.27 -16.28	66.83 3.04 -15.50	66.35 2.96 -17.06	66.33 2.82 -15.66	66.36 2.67 -14.20	66.42 2.64 -8.81	75.37 3.66 0.00	77.49 3.90 0.00	70.99 3.76 0.00	145.51 3.92 -74.00	70.08 3.22 -3.63	70.10 3.11 -5.97	70.02 3.00 -7.05	70.02 2.97 -9.88	70.02 2.92 -9.94	90.86 3.03 -25.92	70.66 3.43 -0.06	139.01 3.84 -53.38	138.56 4.26 -49.16	131.98 3.87 -50.71	140.00 3.59 -67.38	70.10 3.19 -5.65	69.97 3.06 -9.21	68.47 2.72 -6.59