

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/11/2025

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	40.01	36.91	35.09	36.95	38.66	52.55	62.65	73.30	40.64	57.36	69.20	65.18	62.64	53.16	64.19	81.07	92.27	105.93	83.87	75.35	59.16	56.27	47.35	44.42
24138	1.91	1.72	1.58	1.70	1.83	2.56	3.24	4.09	2.21	3.08	3.54	3.62	3.51	3.15	3.77	4.25	5.13	6.31	4.63	3.96	3.11	3.14	2.91	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.07	36.96	35.14	37.01	38.73	52.59	62.71	73.36	40.69	57.37	69.25	65.25	62.68	53.16	64.14	81.11	92.37	106.03	83.99	75.48	59.27	56.33	47.38	44.43
24260	1.97	1.76	1.64	1.76	1.89	2.60	3.29	4.15	2.26	3.09	3.58	3.69	3.55	3.16	3.73	4.29	5.22	6.41	4.75	4.10	3.21	3.19	2.94	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	40.07	36.96	35.14	37.01	38.73	52.59	62.71	73.36	40.69	57.37	69.25	65.25	62.68	53.16	64.14	81.11	92.37	106.03	83.99	75.48	59.27	56.33	47.38	44.43
24261	1.97	1.76	1.64	1.76	1.89	2.60	3.29	4.15	2.26	3.09	3.58	3.69	3.55	3.16	3.73	4.29	5.22	6.41	4.75	4.10	3.21	3.19	2.94	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.36	36.35	34.76	36.73	38.63	52.48	62.50	72.13	40.04	56.43	68.67	64.83	62.42	52.69	63.63	81.11	91.97	104.71	83.10	75.01	58.52	55.59	46.64	43.73
24011	1.26	1.16	1.25	1.49	1.79	2.49	3.08	2.92	1.61	2.16	3.00	3.27	3.30	2.68	3.22	4.28	4.83	5.08	3.87	3.63	2.47	2.46	2.20	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.59	36.54	34.97	37.00	38.97	52.91	63.06	72.52	40.28	56.75	69.22	65.53	63.12	53.21	64.21	81.93	92.89	105.55	83.69	75.67	58.88	55.97	46.97	43.96
23798	1.49	1.35	1.46	1.75	2.13	2.91	3.64	3.31	1.86	2.48	3.56	3.97	3.99	3.21	3.79	5.10	5.76	5.93	4.45	4.29	2.83	2.83	2.53	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.36	36.35	34.76	36.73	38.63	52.48	62.50	72.13	40.04	56.43	68.67	64.83												

ALBANY___2 23572	38.03 -0.07 0.00	35.25 0.06 0.00	33.64 0.13 0.00	35.48 0.24 0.00	37.05 0.22 0.00	50.04 0.04 0.00	59.14 -0.28 0.00	68.72 -0.50 0.00	38.02 -0.41 0.00	53.57 -0.70 0.00	64.95 -0.71 0.00	61.08 -0.48 0.00	58.79 -0.33 0.00	49.88 -0.13 0.00	60.24 -0.18 0.00	76.73 -0.09 0.00	87.16 0.01 0.00	99.36 -0.27 0.00	78.92 -0.32 0.00	71.10 -0.28 0.00	55.88 -0.17 0.00	53.13 -0.01 0.00	44.57 0.13 0.00	41.99 0.22 0.00
ALBANY___3 23573	38.03 -0.07 0.00	35.25 0.06 0.00	33.64 0.13 0.00	35.48 0.24 0.00	37.05 0.22 0.00	50.04 0.04 0.00	59.14 -0.28 0.00	68.72 -0.50 0.00	38.02 -0.41 0.00	53.57 -0.70 0.00	64.95 -0.71 0.00	61.08 -0.48 0.00	58.79 -0.33 0.00	49.88 -0.13 0.00	60.24 -0.18 0.00	76.73 -0.09 0.00	87.16 0.01 0.00	99.36 -0.27 0.00	78.92 -0.32 0.00	71.10 -0.28 0.00	55.88 -0.17 0.00	53.13 -0.01 0.00	44.57 0.13 0.00	41.99 0.22 0.00
ALBANY___4 23574	38.03 -0.07 0.00	35.25 0.06 0.00	33.64 0.13 0.00	35.48 0.24 0.00	37.05 0.22 0.00	50.04 0.04 0.00	59.14 -0.28 0.00	68.72 -0.50 0.00	38.02 -0.41 0.00	53.57 -0.70 0.00	64.95 -0.71 0.00	61.08 -0.48 0.00	58.79 -0.33 0.00	49.88 -0.13 0.00	60.24 -0.18 0.00	76.73 -0.09 0.00	87.16 0.01 0.00	99.36 -0.27 0.00	78.92 -0.32 0.00	71.10 -0.28 0.00	55.88 -0.17 0.00	53.13 -0.01 0.00	44.57 0.13 0.00	41.99 0.22 0.00
ALBANY___LFGE 323615	38.34 0.24 0.00	35.52 0.33 0.00	33.90 0.39 0.00	35.78 0.53 0.00	37.37 0.53 0.00	50.51 0.52 0.00	59.75 0.33 0.00	69.42 0.21 0.00	38.42 -0.01 0.00	54.17 -0.11 0.00	65.68 0.01 0.00	61.77 0.20 0.00	59.46 0.34 0.00	50.45 0.45 0.00	60.95 0.54 0.00	77.63 0.81 0.00	88.15 1.01 0.00	100.53 0.90 0.00	79.86 0.62 0.00	71.90 0.52 0.00	56.48 0.42 0.00	53.67 0.54 0.00	45.01 0.58 0.00	42.39 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	39.27 1.17 0.00	36.16 0.96 0.00	34.40 0.88 0.00	36.13 0.88 0.00	37.71 0.88 0.00	51.20 1.21 0.00	60.81 1.39 0.00	70.95 1.73 0.00	39.50 1.07 0.00	55.81 1.54 0.00	67.62 1.95 0.00	63.22 1.65 0.00	60.63 1.50 0.00	51.25 1.25 0.00	61.94 1.53 0.00	78.70 1.87 0.00	88.96 1.82 0.00	101.77 2.14 0.00	81.16 1.93 0.00	73.18 1.80 0.00	57.58 1.53 0.00	54.49 1.36 0.00	45.34 0.90 0.00	42.53 0.77 0.00
ALCOA_RYNLDS___DRP 24188	39.27 1.17 0.00	36.16 0.96 0.00	34.40 0.88 0.00	36.13 0.88 0.00	37.71 0.88 0.00	51.20 1.21 0.00	60.81 1.39 0.00	70.95 1.73 0.00	39.50 1.07 0.00	55.81 1.54 0.00	67.62 1.95 0.00	63.22 1.65 0.00	60.63 1.50 0.00	51.25 1.25 0.00	61.94 1.53 0.00	78.70 1.87 0.00	88.96 1.82 0.00	101.77 2.14 0.00	81.16 1.93 0.00	73.18 1.80 0.00	57.58 1.53 0.00	54.49 1.36 0.00	45.34 0.90 0.00	42.53 0.77 0.00
ALCOA___DSASP 323711	39.27 1.17 0.00	36.16 0.96 0.00	34.40 0.88 0.00	36.13 0.88 0.00	37.71 0.88 0.00	51.20 1.21 0.00	60.81 1.39 0.00	70.95 1.73 0.00	39.50 1.07 0.00	55.81 1.54 0.00	67.62 1.95 0.00	63.22 1.65 0.00	60.63 1.50 0.00	51.25 1.25 0.00	61.94 1.53 0.00	78.70 1.87 0.00	88.96 1.82 0.00	101.77 2.14 0.00	81.16 1.93 0.00	73.18 1.80 0.00	57.58 1.53 0.00	54.49 1.36 0.00	45.34 0.90 0.00	42.53 0.77 0.00
ALLEGHENY___COGEN 23514	39.78 1.69 0.00	36.38 1.19 0.00	34.39 0.88 0.00	36.17 0.92 0.00	37.77 0.93 0.00	51.13 1.14 0.00	60.93 1.51 0.00	70.76 1.54 0.00	39.15 0.72 0.00	55.64 1.36 0.00	66.37 0.71 0.00	55.89 -0.19 5.48	55.23 -0.75 3.14	46.46 -1.19 2.35	46.97 -2.48 10.97	46.20 -3.79 26.83	42.75 -3.85 40.54	89.11 -3.66 6.85	72.24 -2.61 4.39	68.78 -2.60 0.00	53.80 -2.25 0.00	52.10 -1.04 0.00	44.10 -0.34 0.00	41.27 -0.49 0.00
ALTAMONT_115KV_TB 2 55880	38.33 0.23 0.00	35.50 0.31 0.00	33.85 0.33 0.00	35.68 0.43 0.00	37.29 0.46 0.00	50.56 0.56 0.00	59.95 0.54 0.00	69.69 0.48 0.00	38.59 0.16 0.00	54.41 0.13 0.00	65.89 0.23 0.00	61.92 0.36 0.00	59.56 0.43 0.00	50.47 0.46 0.00	60.95 0.53 0.00	77.58 0.75 0.00	88.05 0.91 0.00	100.52 0.90 0.00	79.85 0.62 0.00	71.94 0.56 0.00	56.52 0.47 0.00	53.70 0.56 0.00	45.04 0.60 0.00	42.39 0.62 0.00
ALTONA_WT_PWR 323606	38.70 0.60 0.00	35.63 0.44 0.00	33.91 0.40 0.00	35.59 0.34 0.00	37.15 0.31 0.00	50.22 0.23 0.00	59.82 0.40 0.00	69.88 0.66 0.00	38.93 0.50 0.00	55.02 0.75 0.00	66.63 0.97 0.00	62.20 0.64 0.00	59.63 0.50 0.00	50.30 0.30 0.00	60.72 0.30 0.00	77.21 0.39 0.00	87.34 0.20 0.00	99.81 0.18 0.00	79.64 0.40 0.00	71.78 0.40 0.00	56.40 0.35 0.00	53.38 0.24 0.00	44.37 -0.06 0.00	41.66 -0.11 0.00
AMERICAN_REF_FUEL 24010	37.50 -0.61 0.00	34.35 -0.84 0.00	32.45 -1.06 0.00	34.15 -1.10 0.00	35.53 -1.30 0.00	47.50 -2.49 0.00	55.35 -4.07 0.00	63.78 -5.44 0.00	35.48 -2.95 0.00	50.78 -3.50 0.00	60.59 -5.08 0.00	53.26 -5.30 3.01	52.81 -5.30 1.02	44.26 -4.46 1.29	48.77 -5.63 6.01	55.03 -7.29 14.50	57.38 -8.69 21.07	86.09 -10.03 3.51	68.88 -8.10 2.26	63.95 -7.43 0.00	50.09 -5.96 0.00	47.53 -5.60 0.00	40.19 -4.25 0.00	38.08 -3.69 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.83 -0.27 0.00	34.48 -0.71 0.00	32.75 -0.76 0.00	34.46 -0.79 0.00	35.61 -1.22 0.00	47.96 -2.03 0.00	57.10 -2.32 0.00	65.90 -3.31 0.00	36.31 -2.12 0.00	51.90 -2.38 0.00	62.01 -3.66 0.00	53.98 -3.98 3.61	53.79 -4.04 1.29	44.75 -3.71 1.55	48.43 -4.78 7.21	53.61 -5.84 17.37	55.46 -6.49 25.19	87.82 -7.61 4.20	70.64 -5.90 2.69	65.91 -5.47 0.00	51.78 -4.27 0.00	48.94 -4.19 0.00	41.26 -3.18 0.00	38.73 -3.03 0.00
ARTHUR KILL_GT_1 23520	40.10 2.01 0.00	36.99 1.80 0.00	35.16 1.65 0.00	37.07 1.82 0.00	38.79 1.95 0.00	52.58 2.59 0.00	62.38 2.96 0.00	72.97 3.76 0.00	40.62 2.19 0.00	56.83 2.56 0.00	68.45 2.79 0.00	64.63 3.07 0.00	61.98 2.85 0.00	52.74 2.74 0.00	63.45 3.04 0.00	80.26 3.44 0.00	91.69 4.55 0.00	105.35 5.72 0.00	83.46 4.22 0.00	75.11 3.73 0.00	59.02 2.96 0.00	56.19 3.06 0.00	47.30 2.87 0.00	44.54 2.78 0.00
ARTHUR_KILL_2 23512	40.00 1.90 0.00	36.89 1.69 0.00	35.07 1.56 0.00	36.96 1.72 0.00	38.69 1.85 0.00	52.44 2.45 0.00	62.21 2.79 0.00	72.79 3.57 0.00	40.52 2.09 0.00	56.71 2.44 0.00	68.29 2.63 0.00	64.49 2.93 0.00	61.82 2.70 0.00	52.65 2.64 0.00	63.33 2.91 0.00	80.08 3.25 0.00	91.45 4.31 0.00	105.06 5.43 0.00	83.20 3.96 0.00	74.88 3.50 0.00	58.83 2.78 0.00	56.03 2.89 0.00	47.17 2.73 0.00	44.43 2.66 0.00
ARTHUR_KILL_3 23513	39.65 1.55 0.00	36.59 1.40 0.00	34.80 1.28 0.00	36.64 1.40 0.00	38.35 1.51 0.00	52.11 2.12 0.00	62.10 2.69 0.00	72.64 3.43 0.00	40.25 1.82 0.00	56.77 2.49 0.00	68.47 2.81 0.00	64.50 2.94 0.00	61.96 2.84 0.00	52.53 2.53 0.00	63.41 2.99 0.00	80.15 3.33 0.00	91.34 4.20 0.00	104.92 5.29 0.00	83.07 3.83 0.00	74.68 3.30 0.00	58.65 2.60 0.00	55.77 2.63 0.00	46.94 2.51 0.00	44.07 2.30 0.00

ARTHUR_KILL_COGEN 323718	40.10 2.00 0.00	36.99 1.80 0.00	35.16 1.65 0.00	37.07 1.82 0.00	38.78 1.95 0.00	52.58 2.59 0.00	62.38 2.97 0.00	72.97 3.76 0.00	40.62 2.19 0.00	56.85 2.57 0.00	68.45 2.79 0.00	64.64 3.08 0.00	61.97 2.84 0.00	52.76 2.75 0.00	63.47 3.05 0.00	80.28 3.45 0.00	91.70 4.56 0.00	105.36 5.74 0.00	83.45 4.21 0.00	75.11 3.73 0.00	59.02 2.96 0.00	56.20 3.06 0.00	47.30 2.86 0.00	44.55 2.78 0.00
ASHOKAN____ 23654	39.17 1.07 0.00	36.22 1.03 0.00	34.47 0.96 0.00	36.35 1.10 0.00	38.05 1.21 0.00	51.71 1.72 0.00	61.56 2.14 0.00	71.81 2.60 0.00	39.73 1.30 0.00	56.13 1.85 0.00	67.84 2.18 0.00	63.83 2.27 0.00	61.38 2.25 0.00	52.00 2.00 0.00	62.83 2.42 0.00	79.97 3.15 0.00	91.07 3.93 0.00	104.45 4.82 0.00	82.91 3.67 0.00	74.50 3.12 0.00	58.44 2.38 0.00	55.34 2.21 0.00	46.29 1.85 0.00	43.39 1.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.81 3.60 0.00	40.45 2.02 0.00	56.88 2.60 0.00	68.61 2.95 0.00	64.71 3.15 0.00	62.12 2.99 0.00	52.78 2.78 0.00	63.55 3.13 0.00	80.30 3.48 0.00	91.53 4.39 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.79 3.41 0.00	58.78 2.73 0.00	55.93 2.79 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.61 1.52 0.01	36.57 1.38 0.00	34.75 1.24 0.00	36.61 1.36 0.00	38.30 1.47 0.00	52.08 2.09 0.00	62.16 2.75 0.00	72.78 3.57 0.00	40.44 2.01 0.00	56.84 2.56 0.00	68.59 2.93 0.00	64.70 3.14 0.00	62.09 2.97 0.00	52.76 2.76 0.00	63.51 3.10 0.00	80.25 3.43 0.00	91.47 4.33 0.00	105.07 5.44 0.00	83.19 3.95 0.00	74.74 3.36 0.00	58.77 2.71 0.00	55.90 2.76 0.00	47.02 2.58 0.00	44.15 2.38 0.00
ASTORIA_GT2_1 24094	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT2_2 24095	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT2_3 24096	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT2_4 24097	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT3_1 24098	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT3_2 24099	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT3_3 24100	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT3_4 24101	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT4_1 24102	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT4_2 24103	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT4_3 24104	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00

ASTORIA_GT4_4 24105	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.82 3.60 0.00	40.45 2.02 0.00	56.87 2.59 0.00	68.61 2.95 0.00	64.72 3.15 0.00	62.11 2.99 0.00	52.77 2.76 0.00	63.53 3.11 0.00	80.30 3.47 0.00	91.52 4.38 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.80 3.41 0.00	58.78 2.73 0.00	55.93 2.80 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA_GT_1 23523	39.71 1.62 0.01	36.64 1.46 0.00	34.82 1.31 0.00	36.68 1.43 0.00	38.38 1.55 0.00	52.21 2.22 0.00	62.32 2.90 0.00	72.96 3.75 0.00	40.54 2.11 0.00	56.98 2.71 0.00	68.75 3.09 0.00	64.86 3.29 0.00	62.25 3.13 0.00	52.88 2.88 0.00	63.68 3.26 0.00	80.46 3.64 0.00	91.71 4.57 0.00	105.35 5.73 0.00	83.40 4.16 0.00	74.94 3.56 0.00	58.90 2.85 0.00	56.04 2.90 0.00	47.13 2.70 0.00	44.24 2.48 0.00
ASTORIA_GT_10 24110	39.92 1.82 0.00	36.82 1.63 0.00	35.01 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.88 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.00 2.72 0.00	68.71 3.05 0.00	64.82 3.25 0.00	62.29 3.16 0.00	52.91 2.91 0.00	63.75 3.34 0.00	80.50 3.68 0.00	91.68 4.53 0.00	105.25 5.63 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.85 0.00	56.08 2.95 0.00	47.18 2.75 0.00	44.28 2.52 0.00
ASTORIA_GT_11 24225	39.92 1.82 0.00	36.82 1.63 0.00	35.01 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.88 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.00 2.72 0.00	68.71 3.05 0.00	64.82 3.25 0.00	62.29 3.16 0.00	52.91 2.91 0.00	63.75 3.34 0.00	80.50 3.68 0.00	91.68 4.53 0.00	105.25 5.63 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.85 0.00	56.08 2.95 0.00	47.18 2.75 0.00	44.28 2.52 0.00
ASTORIA_GT_12 24226	39.92 1.82 0.00	36.82 1.63 0.00	35.01 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.88 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.00 2.72 0.00	68.71 3.05 0.00	64.82 3.25 0.00	62.29 3.16 0.00	52.91 2.91 0.00	63.75 3.34 0.00	80.50 3.68 0.00	91.68 4.53 0.00	105.25 5.63 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.85 0.00	56.08 2.95 0.00	47.18 2.75 0.00	44.28 2.52 0.00
ASTORIA_GT_13 24227	39.92 1.82 0.00	36.82 1.63 0.00	35.01 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.88 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.00 2.72 0.00	68.71 3.05 0.00	64.82 3.25 0.00	62.29 3.16 0.00	52.91 2.91 0.00	63.75 3.34 0.00	80.50 3.68 0.00	91.68 4.53 0.00	105.25 5.63 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.85 0.00	56.08 2.95 0.00	47.18 2.75 0.00	44.28 2.52 0.00
ASTORIA_GT_5 24106	39.71 1.62 0.01	36.64 1.46 0.00	34.82 1.31 0.00	36.68 1.43 0.00	38.38 1.55 0.00	52.21 2.22 0.00	62.32 2.90 0.00	72.96 3.75 0.00	40.54 2.11 0.00	56.98 2.71 0.00	68.75 3.09 0.00	64.86 3.29 0.00	62.25 3.13 0.00	52.88 2.88 0.00	63.68 3.26 0.00	80.46 3.64 0.00	91.71 4.57 0.00	105.35 5.73 0.00	83.40 4.16 0.00	74.94 3.56 0.00	58.90 2.85 0.00	56.04 2.90 0.00	47.13 2.70 0.00	44.24 2.48 0.00
ASTORIA_GT_7 24107	39.71 1.62 0.01	36.64 1.46 0.00	34.82 1.31 0.00	36.68 1.43 0.00	38.38 1.55 0.00	52.21 2.22 0.00	62.32 2.90 0.00	72.96 3.75 0.00	40.54 2.11 0.00	56.98 2.71 0.00	68.75 3.09 0.00	64.86 3.29 0.00	62.25 3.13 0.00	52.88 2.88 0.00	63.68 3.26 0.00	80.46 3.64 0.00	91.71 4.57 0.00	105.35 5.73 0.00	83.40 4.16 0.00	74.94 3.56 0.00	58.90 2.85 0.00	56.04 2.90 0.00	47.13 2.70 0.00	44.24 2.48 0.00
ASTORIA_GT_8 24108	39.71 1.62 0.01	36.64 1.46 0.00	34.82 1.31 0.00	36.68 1.43 0.00	38.38 1.55 0.00	52.21 2.22 0.00	62.32 2.90 0.00	72.96 3.75 0.00	40.54 2.11 0.00	56.98 2.71 0.00	68.75 3.09 0.00	64.86 3.29 0.00	62.25 3.13 0.00	52.88 2.88 0.00	63.68 3.26 0.00	80.46 3.64 0.00	91.71 4.57 0.00	105.35 5.73 0.00	83.40 4.16 0.00	74.94 3.56 0.00	58.90 2.85 0.00	56.04 2.90 0.00	47.13 2.70 0.00	44.24 2.48 0.00
ASTORIA___2 24149	39.64 1.55 0.01	36.58 1.39 0.00	34.76 1.25 0.00	36.62 1.37 0.00	38.32 1.49 0.00	52.11 2.12 0.00	62.20 2.79 0.00	72.81 3.60 0.00	40.45 2.02 0.00	56.88 2.60 0.00	68.61 2.95 0.00	64.71 3.15 0.00	62.12 2.99 0.00	52.78 2.78 0.00	63.55 3.13 0.00	80.30 3.48 0.00	91.53 4.39 0.00	105.13 5.50 0.00	83.24 4.00 0.00	74.79 3.41 0.00	58.78 2.73 0.00	55.93 2.79 0.00	47.05 2.61 0.00	44.16 2.40 0.00
ASTORIA___3 23516	39.92 1.82 0.00	36.82 1.63 0.00	35.00 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.87 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.01 2.73 0.00	68.72 3.05 0.00	64.81 3.25 0.00	62.27 3.15 0.00	52.92 2.92 0.00	63.76 3.34 0.00	80.51 3.69 0.00	91.68 4.54 0.00	105.25 5.62 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.84 0.00	56.08 2.94 0.00	47.18 2.74 0.00	44.28 2.52 0.00
ASTORIA___4 23517	39.92 1.82 0.00	36.82 1.63 0.00	35.01 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.88 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.00 2.72 0.00	68.71 3.05 0.00	64.82 3.25 0.00	62.29 3.16 0.00	52.91 2.91 0.00	63.75 3.34 0.00	80.50 3.68 0.00	91.68 4.53 0.00	105.25 5.63 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.85 0.00	56.08 2.95 0.00	47.18 2.75 0.00	44.28 2.52 0.00
ASTORIA___5 23518	39.92 1.82 0.00	36.82 1.63 0.00	35.00 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.87 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.00 2.73 0.00	68.72 3.05 0.00	64.81 3.25 0.00	62.27 3.15 0.00	52.92 2.92 0.00	63.76 3.34 0.00	80.51 3.69 0.00	91.68 4.54 0.00	105.24 5.62 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.84 0.00	56.08 2.94 0.00	47.18 2.74 0.00	44.28 2.52 0.00
AST_ENERGY_2_CC3 323677	39.39 1.30 0.01	36.35 1.16 0.00	34.54 1.03 0.00	36.38 1.13 0.00	38.07 1.24 0.00	51.54 1.55 0.00	61.52 2.10 0.00	72.03 2.82 0.00	40.05 1.62 0.00	56.29 2.02 0.00	68.02 2.36 0.00	64.26 2.70 0.00	61.47 2.34 0.00	52.23 2.23 0.00	62.89 2.47 0.00	79.46 2.64 0.00	90.58 3.44 0.00	104.03 4.41 0.00	82.37 3.13 0.00	74.01 2.63 0.00	58.17 2.12 0.00	55.34 2.21 0.00	46.55 2.12 0.00	38.08 1.99 5.68
AST_ENERGY_2_CC4 323678	39.39 1.30 0.01	36.35 1.16 0.00	34.54 1.03 0.00	36.38 1.13 0.00	38.07 1.24 0.00	51.54 1.55 0.00	61.52 2.10 0.00	72.03 2.82 0.00	40.05 1.62 0.00	56.29 2.02 0.00	68.02 2.36 0.00	64.26 2.70 0.00	61.47 2.34 0.00	52.23 2.23 0.00	62.89 2.47 0.00	79.46 2.64 0.00	90.58 3.44 0.00	104.03 4.41 0.00	82.37 3.13 0.00	74.01 2.63 0.00	58.17 2.12 0.00	55.34 2.21 0.00	46.55 2.12 0.00	38.08 1.99 5.68

ATHENS_STG_1 23668	38.67 0.56 0.00	35.77 0.58 0.00	34.07 0.56 0.00	35.89 0.64 0.00	37.54 0.71 0.00	51.00 1.01 0.00	60.62 1.20 0.00	70.59 1.38 0.00	39.09 0.66 0.00	55.15 0.88 0.00	66.72 1.05 0.00	62.74 1.17 0.00	60.33 1.20 0.00	51.09 1.09 0.00	61.69 1.28 0.00	78.34 1.52 0.00	88.98 1.84 0.00	101.72 2.09 0.00	80.74 1.50 0.00	72.70 1.32 0.00	57.16 1.11 0.00	54.29 1.16 0.00	45.58 1.14 0.00	42.86 1.09 0.00
ATHENS_STG_2 23670	38.67 0.56 0.00	35.77 0.58 0.00	34.07 0.56 0.00	35.89 0.64 0.00	37.54 0.71 0.00	51.00 1.01 0.00	60.62 1.20 0.00	70.59 1.38 0.00	39.09 0.66 0.00	55.15 0.88 0.00	66.72 1.05 0.00	62.74 1.17 0.00	60.33 1.20 0.00	51.09 1.09 0.00	61.69 1.28 0.00	78.34 1.52 0.00	88.98 1.84 0.00	101.72 2.09 0.00	80.74 1.50 0.00	72.70 1.32 0.00	57.16 1.11 0.00	54.29 1.16 0.00	45.58 1.14 0.00	42.86 1.09 0.00
ATHENS_STG_3 23677	38.67 0.56 0.00	35.77 0.58 0.00	34.07 0.56 0.00	35.89 0.64 0.00	37.54 0.71 0.00	51.00 1.01 0.00	60.62 1.20 0.00	70.59 1.38 0.00	39.09 0.66 0.00	55.15 0.88 0.00	66.72 1.05 0.00	62.74 1.17 0.00	60.33 1.20 0.00	51.09 1.09 0.00	61.69 1.28 0.00	78.34 1.52 0.00	88.98 1.84 0.00	101.72 2.09 0.00	80.74 1.50 0.00	72.70 1.32 0.00	57.16 1.11 0.00	54.29 1.16 0.00	45.58 1.14 0.00	42.86 1.09 0.00
AUBURN___LFGE 323710	38.18 0.08 0.00	35.22 0.03 0.00	33.52 0.01 0.00	35.27 0.03 0.00	36.87 0.03 0.00	50.04 0.05 0.00	59.57 0.15 0.00	69.03 -0.18 0.00	38.33 -0.10 0.00	54.44 0.16 0.00	65.66 0.00 0.00	62.68 -0.14 -1.25	59.44 -0.42 -0.73	50.33 -0.22 -0.54	62.68 -0.25 -2.51	82.84 -0.39 -6.41	97.94 -0.33 -11.13	101.38 -0.21 -1.97	80.26 -0.23 -1.26	71.13 -0.25 0.00	55.56 -0.49 0.00	52.67 -0.46 0.00	44.17 -0.26 0.00	42.79 -0.26 -1.29
BABYLON_RES_REC 323704	39.84 1.74 0.00	36.74 1.55 0.00	34.96 1.45 0.00	36.77 1.52 0.00	38.40 1.56 0.00	52.47 2.39 -0.09	62.94 2.88 -0.64	75.01 3.65 -2.14	41.33 1.98 -0.92	57.95 2.33 -1.34	69.27 3.11 -0.50	69.07 3.32 -4.19	69.17 3.33 -6.72	69.90 2.98 -16.92	253.39 3.79 -189.18	283.71 4.51 -202.38	201.63 4.99 -109.50	249.85 6.39 -143.85	160.82 4.73 -76.86	109.92 4.02 -34.51	79.93 3.18 -20.70	60.28 3.11 -4.04	50.35 2.98 -2.93	79.94 2.49 -35.69
BALL_HILL_WT_PWR 323825	37.78 -0.31 0.00	34.55 -0.64 0.00	32.72 -0.80 0.00	34.39 -0.86 0.00	35.72 -1.12 0.00	48.05 -1.94 0.00	56.88 -2.54 0.00	65.64 -3.58 0.00	36.25 -2.18 0.00	51.82 -2.46 0.00	61.88 -3.79 0.00	54.03 -4.09 3.44	53.78 -4.14 1.20	44.81 -3.72 1.48	48.80 -4.74 6.88	54.15 -6.11 16.57	56.16 -6.92 24.05	87.80 -7.82 4.01	70.58 -6.09 2.57	65.82 -5.57 0.00	51.55 -4.50 0.00	48.82 -4.32 0.00	41.25 -3.19 0.00	38.81 -2.96 0.00
BARON_WINDS___WT_PWR 323822	37.47 -0.62 0.00	34.20 -0.99 0.00	32.23 -1.28 0.00	33.89 -1.36 0.00	35.41 -1.42 0.00	47.96 -2.04 0.00	57.13 -2.29 0.00	65.84 -3.38 0.00	36.06 -2.36 0.00	51.38 -2.90 0.00	61.08 -4.59 0.00	49.65 -4.97 6.93	49.95 -4.99 4.19	42.31 -4.72 2.98	40.76 -5.79 13.87	35.60 -7.52 33.71	28.75 -8.44 49.95	82.70 -8.53 8.39	67.68 -6.19 5.37	65.59 -5.79 0.00	51.19 -4.86 0.00	48.55 -4.58 0.00	41.15 -3.29 0.00	38.58 -3.19 0.00
BARRETT_IC_1 23704	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_10 23701	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_11 23702	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_12 23703	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_2 23705	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_3 23706	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_4 23707	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_5 23708	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60

BARRETT_IC_6 23709	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_7 23710	39.57 1.47 0.00	36.51 1.33 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.80 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.70 2.76 -3.38	67.49 2.71 -5.66	67.32 2.38 -14.93	216.78 2.89 -153.48	243.28 3.32 -163.14	178.27 3.51 -87.61	219.11 4.56 -114.93	142.36 3.27 -59.85	100.47 2.76 -26.34	73.53 2.18 -15.30	57.77 2.24 -2.40	48.44 2.45 -1.56	74.42 2.06 -30.60
BARRETT_IC_8 23711	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT_IC_9 23700	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT___1 23545	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BARRETT___2 23546	39.57 1.47 0.00	36.51 1.32 0.00	34.74 1.23 0.00	36.56 1.31 0.00	38.20 1.37 0.00	52.05 2.06 0.00	61.79 2.38 0.00	71.98 2.77 0.00	39.92 1.49 0.00	55.98 1.70 0.00	68.27 2.60 0.00	67.69 2.75 -3.38	67.49 2.71 -5.66	67.30 2.36 -14.93	216.78 2.88 -153.48	243.28 3.32 -163.14	178.28 3.53 -87.61	219.11 4.56 -114.93	142.35 3.27 -59.85	100.48 2.76 -26.34	73.54 2.19 -15.30	57.78 2.25 -2.40	48.46 2.46 -1.56	74.42 2.05 -30.60
BATAVIA___115KV_TB1 55881	38.96 0.86 0.00	35.68 0.49 0.00	33.76 0.25 0.00	35.50 0.25 0.00	36.99 0.16 0.00	49.73 -0.27 0.00	58.49 -0.92 0.00	67.75 -1.46 0.00	37.72 -0.71 0.00	53.88 -0.39 0.00	64.40 -1.26 0.00	57.34 -1.68 2.54	56.46 -1.80 0.87	47.31 -1.60 1.09	53.13 -2.19 5.09	61.60 -2.94 12.29	65.71 -3.58 17.84	92.90 -3.75 2.97	74.19 -3.14 1.91	68.34 -3.04 0.00	53.43 -2.62 0.00	50.52 -2.61 0.00	42.56 -1.88 0.00	40.10 -1.67 0.00
BAYONEEC___CTG1 323682	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BAYONEEC___CTG10 323750	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BAYONEEC___CTG2 323683	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BAYONEEC___CTG3 323684	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BAYONEEC___CTG4 323685	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BAYONEEC___CTG5 323686	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BAYONEEC___CTG6 323687	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BAYONEEC___CTG7 323688	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00

BAYONEEC___CTG8 323689	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BAYONEEC___CTG9 323749	39.79 1.69 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.51 0.00	38.47 1.63 0.00	52.26 2.27 0.00	62.30 2.88 0.00	72.86 3.64 0.00	40.37 1.95 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.73 3.17 0.00	62.19 3.07 0.00	52.75 2.74 0.00	63.67 3.25 0.00	80.46 3.64 0.00	91.62 4.48 0.00	105.23 5.60 0.00	83.33 4.09 0.00	74.90 3.52 0.00	58.82 2.77 0.00	55.94 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
BEACON___LESR 323632	38.60 0.49 0.00	35.74 0.55 0.00	34.07 0.56 0.00	35.94 0.69 0.00	37.56 0.73 0.00	50.86 0.87 0.00	60.42 1.00 0.00	70.16 0.95 0.00	38.82 0.39 0.00	54.73 0.45 0.00	66.39 0.73 0.00	62.42 0.85 0.00	60.04 0.91 0.00	50.83 0.83 0.00	61.57 1.15 0.00	78.40 1.58 0.00	89.30 2.16 0.00	101.67 2.04 0.00	80.68 1.44 0.00	72.67 1.29 0.00	57.01 0.96 0.00	54.17 1.03 0.00	45.47 1.03 0.00	42.75 0.98 0.00
BEAVER RIVER___HYD 24048	38.94 0.84 0.00	35.90 0.71 0.00	34.16 0.65 0.00	35.91 0.66 0.00	37.54 0.70 0.00	51.08 1.09 0.00	60.97 1.55 0.00	71.24 2.02 0.00	39.63 1.20 0.00	56.13 1.86 0.00	67.93 2.26 0.00	63.63 2.06 0.00	60.92 1.80 0.00	51.44 1.44 0.00	61.71 1.29 0.00	78.02 1.20 0.00	88.71 1.57 0.00	101.99 2.37 0.00	81.13 1.89 0.00	72.89 1.51 0.00	57.34 1.29 0.00	54.33 1.20 0.00	45.36 0.93 0.00	43.47 0.82 -0.89
BEEBEE_GT_13 23619	38.27 0.17 0.00	35.14 -0.05 0.00	33.33 -0.18 0.00	35.02 -0.23 0.00	36.53 -0.30 0.00	49.34 -0.65 0.00	58.41 -1.01 0.00	67.80 -1.41 0.00	37.70 -0.73 0.00	53.69 -0.59 0.00	64.46 -1.20 0.00	58.30 -1.51 1.76	56.90 -1.57 0.66	47.89 -1.37 0.75	55.05 -1.86 3.51	65.72 -2.60 8.50	71.77 -3.08 12.29	94.38 -3.21 2.04	75.23 -2.69 1.32	68.86 -2.52 0.00	53.92 -2.13 0.00	51.00 -2.14 0.00	42.84 -1.59 0.00	40.28 -1.48 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.16 2.06 0.00	37.04 1.85 0.00	35.20 1.68 0.00	37.08 1.83 0.00	38.80 1.96 0.00	52.66 2.67 0.00	62.65 3.23 0.00	73.35 4.13 0.00	40.79 2.36 0.00	57.30 3.03 0.00	69.15 3.48 0.00	65.25 3.69 0.00	62.63 3.51 0.00	53.19 3.18 0.00	64.08 3.66 0.00	81.01 4.18 0.00	92.41 5.27 0.00	106.06 6.44 0.00	84.02 4.78 0.00	75.56 4.18 0.00	59.35 3.29 0.00	56.52 3.39 0.00	47.52 3.09 0.00	44.61 2.85 0.00
BETHLEHEM___GRP 23843	38.03 -0.07 0.00	35.25 0.06 0.00	33.64 0.13 0.00	35.48 0.24 0.00	37.05 0.22 0.00	50.04 0.04 0.00	59.14 -0.28 0.00	68.72 -0.50 0.00	38.02 -0.41 0.00	53.57 -0.70 0.00	64.95 -0.71 0.00	61.08 -0.48 0.00	58.79 -0.33 0.00	49.88 -0.13 0.00	60.24 -0.18 0.00	76.73 -0.09 0.00	87.16 0.01 0.00	99.36 -0.27 0.00	78.92 -0.32 0.00	71.10 -0.28 0.00	55.88 -0.17 0.00	53.13 -0.01 0.00	44.57 0.13 0.00	41.99 0.22 0.00
BETHLEHEM___GS1 323560	38.03 -0.07 0.00	35.25 0.06 0.00	33.64 0.13 0.00	35.49 0.24 0.00	37.06 0.22 0.00	50.04 0.04 0.00	59.14 -0.28 0.00	68.72 -0.50 0.00	38.02 -0.41 0.00	53.57 -0.70 0.00	64.95 -0.71 0.00	61.08 -0.48 0.00	58.80 -0.33 0.00	49.88 -0.12 0.00	60.25 -0.16 0.00	76.74 -0.08 0.00	87.15 0.01 0.00	99.37 -0.26 0.00	78.92 -0.32 0.00	71.10 -0.28 0.00	55.88 -0.17 0.00	53.13 0.00 0.00	44.57 0.13 0.00	41.99 0.22 0.00
BETHLEHEM___GS2 323561	38.03 -0.07 0.00	35.25 0.06 0.00	33.64 0.13 0.00	35.49 0.24 0.00	37.06 0.22 0.00	50.04 0.04 0.00	59.14 -0.28 0.00	68.72 -0.50 0.00	38.02 -0.41 0.00	53.57 -0.70 0.00	64.95 -0.71 0.00	61.08 -0.48 0.00	58.80 -0.33 0.00	49.88 -0.12 0.00	60.25 -0.16 0.00	76.74 -0.08 0.00	87.15 0.01 0.00	99.37 -0.26 0.00	78.92 -0.32 0.00	71.10 -0.28 0.00	55.88 -0.17 0.00	53.13 0.00 0.00	44.57 0.13 0.00	41.99 0.22 0.00
BETHLEHEM___GS3 323562	38.03 -0.07 0.00	35.25 0.06 0.00	33.64 0.13 0.00	35.49 0.24 0.00	37.06 0.22 0.00	50.04 0.04 0.00	59.14 -0.28 0.00	68.72 -0.50 0.00	38.02 -0.41 0.00	53.57 -0.70 0.00	64.95 -0.71 0.00	61.08 -0.48 0.00	58.80 -0.33 0.00	49.88 -0.12 0.00	60.25 -0.16 0.00	76.74 -0.08 0.00	87.15 0.01 0.00	99.37 -0.26 0.00	78.92 -0.32 0.00	71.10 -0.28 0.00	55.88 -0.17 0.00	53.13 0.00 0.00	44.57 0.13 0.00	41.99 0.22 0.00
BETHLEHEM___STEEL 23779	38.08 -0.02 0.00	34.82 -0.37 0.00	32.91 -0.60 0.00	34.60 -0.65 0.00	36.01 -0.83 0.00	48.44 -1.56 0.00	57.07 -2.34 0.00	65.86 -3.36 0.00	36.51 -1.92 0.00	52.17 -2.11 0.00	62.28 -3.38 0.00	54.35 -3.75 3.46	54.16 -3.81 1.16	45.18 -3.34 1.49	49.21 -4.28 6.93	54.45 -5.66 16.71	56.09 -6.75 24.30	260.22 -7.33 4.05	290.33 -5.78 2.60	203.45 -5.39 0.00	253.03 -4.39 0.00	160.44 -4.22 0.00	108.94 -3.11 0.00	78.68 -2.85 0.00
BETHLHEM_115KV_TB1 79974	38.11 0.01 0.00	35.31 0.12 0.00	33.69 0.18 0.00	35.54 0.29 0.00	37.12 0.28 0.00	50.17 0.18 0.00	59.35 -0.06 0.00	68.97 -0.24 0.00	38.16 -0.27 0.00	53.79 -0.49 0.00	65.19 -0.47 0.00	61.30 -0.26 0.00	59.01 -0.11 0.00	50.04 0.03 0.00	60.45 0.03 0.00	76.97 0.14 0.00	87.38 0.24 0.00	99.67 0.04 0.00	79.15 -0.09 0.00	71.31 -0.07 0.00	56.04 -0.01 0.00	53.26 0.13 0.00	44.69 0.26 0.00	42.10 0.34 0.00
BETHPAGE_CC_5 323564	39.79 1.70 0.00	36.71 1.52 0.00	34.92 1.41 0.00	36.74 1.49 0.00	38.39 1.55 0.00	52.33 2.34 0.00	62.25 2.83 0.00	72.74 3.52 0.00	40.34 1.91 0.00	56.60 2.32 0.00	68.76 3.10 0.00	68.80 3.28 -3.95	69.02 3.27 -6.63	70.39 2.91 -17.48	260.22 3.71 -196.09	290.33 4.39 -209.12	203.45 4.73 -111.58	253.03 6.08 -147.32	160.44 4.49 -76.71	108.94 3.81 -33.75	78.68 3.02 -19.60	58.91 2.97 -2.81	49.13 2.87 -1.83	80.01 2.42 -35.83
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.15 0.05 0.00	34.91 -0.29 0.00	32.98 -0.53 0.00	34.67 -0.57 0.00	36.09 -0.75 0.00	48.56 -1.43 0.00	57.25 -2.17 0.00	66.08 -3.13 0.00	36.63 -1.80 0.00	52.34 -1.94 0.00	62.45 -3.21 0.00	54.49 -3.56 3.51	54.29 -3.64 1.19	45.30 -3.20 1.51	49.30 -4.09 7.03	54.43 -5.44 16.95	56.05 -6.45 24.64	88.54 -6.98 4.11	71.08 -5.52 2.64	66.20 -5.18 0.00	51.82 -4.23 0.00	49.07 -4.06 0.00	41.46 -2.98 0.00	39.03 -2.74 0.00
BINGHAMTON___COGEN 23790	38.19 0.09 0.00	35.24 0.05 0.00	33.52 0.01 0.00	35.24 -0.01 0.00	36.84 0.01 0.00	49.97 -0.02 0.00	59.46 0.05 0.00	69.20 -0.02 0.00	38.30 -0.13 0.00	54.25 -0.03 0.00	65.37 -0.29 0.00	60.71 -0.35 0.50	58.07 -0.35 0.70	49.43 -0.36 0.21	58.94 -0.48 1.00	73.10 -0.69 3.04	78.56 -0.71 7.87	97.47 -0.63 1.52	77.73 -0.54 0.97	70.93 -0.45 0.00	55.67 -0.38 0.00	52.75 -0.39 0.00	44.28 -0.16 0.00	41.59 -0.17 0.00

BIXINCNT_115KV_LOAD 355685	38.45 0.35 0.00	35.24 0.05 0.00	33.21 -0.30 0.00	34.96 -0.28 0.00	36.39 -0.44 0.00	48.92 -1.08 0.00	57.94 -1.48 0.00	66.91 -2.30 0.00	36.99 -1.44 0.00	52.74 -1.54 0.00	62.50 -3.16 0.00	54.26 -3.56 3.74	53.91 -3.86 1.35	44.69 -3.70 1.61	48.66 -4.27 7.49	52.82 -5.97 18.04	54.63 -6.36 26.15	89.06 -6.21 4.35	71.36 -5.08 2.79	66.08 -5.30 0.00	51.72 -4.33 0.00	49.39 -3.74 0.00	41.82 -2.61 0.00	39.26 -2.51 0.00
BLACK RIVER___HYD 24047	38.82 0.72 0.00	35.77 0.58 0.00	34.03 0.52 0.00	35.77 0.52 0.00	37.40 0.57 0.00	50.88 0.89 0.00	60.82 1.40 0.00	71.09 1.88 0.00	39.57 1.14 0.00	56.13 1.85 0.00	67.83 2.16 0.00	63.59 2.02 0.00	60.88 1.76 0.00	51.41 1.41 0.00	61.73 1.31 0.00	78.31 1.48 0.00	89.12 1.98 0.00	102.63 3.00 0.00	81.64 2.41 0.00	73.19 1.81 0.00	57.43 1.38 0.00	54.28 1.15 0.00	45.31 0.88 0.00	44.09 0.73 -1.59
BLACKRVR_115KV_TB2 79977	38.82 0.72 0.00	35.77 0.58 0.00	34.03 0.52 0.00	35.77 0.52 0.00	37.40 0.57 0.00	50.89 0.89 0.00	60.82 1.40 0.00	71.10 1.88 0.00	39.57 1.14 0.00	56.13 1.85 0.00	67.83 2.17 0.00	63.59 2.02 0.00	60.88 1.76 0.00	51.41 1.41 0.00	61.73 1.31 0.00	78.31 1.48 0.00	89.11 1.97 0.00	102.63 3.00 0.00	81.64 2.40 0.00	73.20 1.81 0.00	57.43 1.38 0.00	54.28 1.15 0.00	45.31 0.88 0.00	44.09 0.73 -1.59
BLDWN_LI_69_KV_BK4 356085	39.91 1.81 0.00	36.81 1.62 0.00	35.02 1.51 0.00	36.84 1.59 0.00	38.50 1.67 0.00	52.44 2.44 0.00	62.40 2.98 0.00	72.87 3.65 0.00	40.38 1.95 0.00	56.63 2.35 0.00	68.92 3.25 0.00	69.36 3.41 -4.39	69.85 3.37 -7.36	72.39 2.97 -19.42	278.96 3.57 -214.97	310.07 4.10 -229.15	214.08 4.56 -122.38	267.01 5.95 -161.43	167.68 4.38 -84.06	112.10 3.74 -36.98	80.58 3.05 -21.48	59.28 3.03 -3.12	49.42 2.95 -2.03	84.06 2.50 -39.80
BLISS_WT_PWR 323608	38.44 0.34 0.00	35.24 0.05 0.00	33.18 -0.33 0.00	34.96 -0.29 0.00	36.38 -0.46 0.00	48.88 -1.11 0.00	57.89 -1.52 0.00	66.82 -2.39 0.00	36.96 -1.47 0.00	52.65 -1.63 0.00	62.27 -3.39 0.00	54.01 -3.81 3.74	53.64 -4.14 1.35	44.34 -4.05 1.61	48.33 -4.60 7.49	52.33 -6.46 18.04	54.26 -6.73 26.15	88.91 -6.36 4.35	71.18 -5.26 2.79	65.74 -5.64 0.00	51.46 -4.59 0.00	49.26 -3.87 0.00	41.73 -2.71 0.00	39.15 -2.61 0.00
BLUESTONE___WT_PWR 323821	37.60 -0.50 0.00	34.81 -0.38 0.00	33.11 -0.40 0.00	35.04 -0.21 0.00	36.68 -0.15 0.00	49.72 -0.27 0.00	59.15 -0.27 0.00	69.39 0.18 0.00	38.33 -0.10 0.00	54.11 -0.16 0.00	64.86 -0.81 0.00	61.84 -1.24 -1.52	58.53 -1.15 -0.55	49.50 -1.15 -0.65	61.78 -1.67 -3.04	82.56 -1.63 -7.37	96.32 -1.51 -10.69	99.77 -1.64 -1.78	79.93 -0.45 -1.14	71.85 0.47 0.00	56.37 0.31 0.00	53.46 0.33 0.00	45.24 0.80 0.00	42.51 0.75 0.00
BLUE_CIRC_CHEM_DRP 24182	38.41 0.31 0.00	35.59 0.39 0.00	33.95 0.44 0.00	35.80 0.55 0.00	37.41 0.57 0.00	50.65 0.66 0.00	60.01 0.59 0.00	69.70 0.49 0.00	38.57 0.14 0.00	54.35 0.07 0.00	65.84 0.17 0.00	61.86 0.29 0.00	59.51 0.39 0.00	50.46 0.46 0.00	60.96 0.54 0.00	77.62 0.80 0.00	88.12 0.97 0.00	100.51 0.88 0.00	79.83 0.59 0.00	71.90 0.52 0.00	56.52 0.47 0.00	53.72 0.58 0.00	45.05 0.62 0.00	42.43 0.66 0.00
BOC_GAS_DRP 24189	38.29 0.19 0.00	35.46 0.27 0.00	33.80 0.29 0.00	35.64 0.39 0.00	37.24 0.41 0.00	50.48 0.49 0.00	59.88 0.46 0.00	69.62 0.41 0.00	38.54 0.12 0.00	54.35 0.07 0.00	65.82 0.16 0.00	61.85 0.29 0.00	59.50 0.37 0.00	50.43 0.43 0.00	60.90 0.48 0.00	77.49 0.66 0.00	87.95 0.81 0.00	100.37 0.74 0.00	79.72 0.48 0.00	71.82 0.44 0.00	56.45 0.39 0.00	53.63 0.50 0.00	44.98 0.54 0.00	42.34 0.58 0.00
BOONVILLE_115KV_TB1 79983	39.06 0.97 0.00	36.08 0.89 0.00	34.35 0.84 0.00	36.13 0.88 0.00	37.78 0.94 0.00	51.40 1.41 0.00	61.31 1.89 0.00	71.52 2.31 0.00	39.72 1.29 0.00	56.18 1.91 0.00	67.92 2.25 0.00	63.60 2.03 0.00	61.01 1.89 0.00	51.56 1.56 0.00	62.04 1.62 0.00	78.73 1.90 0.00	89.61 2.47 0.00	102.77 3.14 0.00	81.68 2.44 0.00	73.42 2.04 0.00	57.64 1.59 0.00	54.52 1.39 0.00	45.62 1.18 0.00	42.83 1.06 0.00
BORALEX_4TH_BRANCH 23824	38.34 0.24 0.00	35.53 0.34 0.00	33.98 0.47 0.00	35.94 0.69 0.00	37.72 0.89 0.00	51.34 1.34 0.00	61.01 1.59 0.00	70.13 0.92 0.00	38.76 0.34 0.00	54.43 0.16 0.00	66.14 0.48 0.00	62.31 0.75 0.00	60.19 1.07 0.00	51.21 1.21 0.00	61.80 1.38 0.00	79.08 2.25 0.00	89.64 2.50 0.00	101.95 2.33 0.00	81.09 1.86 0.00	72.95 1.57 0.00	56.91 0.86 0.00	54.37 1.24 0.00	45.66 1.23 0.00	43.15 1.39 0.00
BOWLINE___1 23526	39.28 1.18 0.00	36.27 1.08 0.00	34.51 1.00 0.00	36.36 1.11 0.00	38.07 1.23 0.00	51.79 1.80 0.00	61.73 2.32 0.00	72.09 2.88 0.00	39.87 1.45 0.00	56.31 2.03 0.00	68.02 2.36 0.00	63.99 2.43 0.00	61.46 2.33 0.00	52.01 2.00 0.00	62.77 2.35 0.00	79.49 2.67 0.00	90.60 3.46 0.00	104.03 4.40 0.00	82.44 3.21 0.00	74.19 2.81 0.00	58.25 2.20 0.00	55.29 2.16 0.00	46.55 2.11 0.00	43.72 1.96 0.00
BOWLINE___2 23595	39.27 1.17 0.00	36.26 1.07 0.00	34.50 0.98 0.00	36.35 1.10 0.00	38.06 1.23 0.00	51.78 1.78 0.00	61.71 2.30 0.00	72.05 2.83 0.00	39.87 1.44 0.00	56.31 2.03 0.00	68.01 2.35 0.00	63.96 2.40 0.00	61.44 2.32 0.00	52.00 1.99 0.00	62.74 2.32 0.00	79.47 2.64 0.00	90.57 3.43 0.00	104.02 4.40 0.00	82.42 3.18 0.00	74.17 2.79 0.00	58.22 2.17 0.00	55.28 2.15 0.00	46.54 2.10 0.00	43.72 1.95 0.00
BRADY___115KV_TB2 356060	39.80 1.70 0.00	36.63 1.44 0.00	34.85 1.34 0.00	36.59 1.34 0.00	38.21 1.37 0.00	51.89 1.90 0.00	61.69 2.28 0.00	72.05 2.83 0.00	40.11 1.68 0.00	56.70 2.42 0.00	68.68 3.02 0.00	64.18 2.62 0.00	61.52 2.40 0.00	52.01 2.01 0.00	62.58 2.16 0.00	79.53 2.70 0.00	89.93 2.79 0.00	102.89 3.26 0.00	82.10 2.86 0.00	74.10 2.72 0.00	58.37 2.31 0.00	55.22 2.09 0.00	45.90 1.46 0.00	43.03 1.27 0.00
BRANSCOMB___SOLAR 323811	38.97 0.88 0.00	36.05 0.86 0.00	34.43 0.91 0.00	36.36 1.11 0.00	38.14 1.31 0.00	51.86 1.87 0.00	61.73 2.32 0.00	71.39 2.18 0.00	39.57 1.14 0.00	55.74 1.46 0.00	67.66 1.99 0.00	63.71 2.14 0.00	61.35 2.23 0.00	51.93 1.93 0.00	62.74 2.33 0.00	79.96 3.14 0.00	90.74 3.60 0.00	103.43 3.81 0.00	82.16 2.92 0.00	74.02 2.63 0.00	57.90 1.84 0.00	55.01 1.88 0.00	46.12 1.68 0.00	43.35 1.58 0.00
BRDGHMPT_69_KV_BK1 55812	39.26 1.16 0.00	36.28 1.09 0.00	34.50 0.99 0.00	36.30 1.05 0.00	37.95 1.12 0.00	52.52 2.01 -0.52	65.81 2.68 -3.72	85.15 3.48 -12.46	45.30 1.51 -5.37	63.56 1.48 -7.80	70.55 2.01 -2.88	69.84 2.26 -6.01	69.71 2.35 -8.24	69.50 2.37 -17.13	251.57 3.05 -188.10	284.59 3.56 -204.21	208.84 3.90 -117.80	256.75 5.86 -151.27	173.89 4.52 -90.12	118.84 3.75 -43.71	88.10 2.85 -29.20	66.33 2.76 -10.44	55.65 2.69 -8.53	84.74 2.06 -40.92

BRENTWOD_69_KV_W. BRTWOOD 56703	40.04 1.94 0.00	36.92 1.73 0.00	35.15 1.64 0.00	36.97 1.72 0.00	38.58 1.75 0.00	53.04 2.60 -0.45	65.87 3.22 -3.23	84.15 4.11 -10.83	45.33 2.24 -4.67	63.78 2.72 -6.78	71.74 3.58 -2.50	71.05 3.73 -5.76	70.92 3.73 -8.06	70.56 3.30 -17.26	254.76 4.14 -190.20	287.62 4.82 -205.98	210.06 5.33 -117.59	258.08 6.91 -151.55	173.16 5.14 -88.78	118.47 4.50 -42.59	87.71 3.61 -28.05	66.11 3.52 -9.46	55.43 3.33 -7.66	85.03 2.83 -40.44
BRISTLHL_115KV_TB1 79998	37.06 -1.04 0.00	34.24 -0.95 0.00	32.61 -0.90 0.00	34.28 -0.96 0.00	35.81 -1.03 0.00	48.58 -1.41 0.00	57.81 -1.61 0.00	67.32 -1.90 0.00	37.42 -1.01 0.00	52.91 -1.37 0.00	63.86 -1.80 0.00	59.88 -1.68 0.00	57.50 -1.63 0.00	48.64 -1.37 0.00	58.50 -1.92 0.00	74.30 -2.53 0.00	84.29 -2.86 0.00	96.54 -3.08 0.00	76.69 -2.55 0.00	69.03 -2.36 0.00	54.16 -1.89 0.00	51.27 -1.86 0.00	42.94 -1.50 0.00	44.33 -1.37 -3.93
BROOKHAVEN___DRP 24191	39.53 1.43 0.00	36.51 1.32 0.00	34.76 1.25 0.00	36.57 1.32 0.00	38.16 1.33 0.00	52.61 2.09 -0.52	65.61 2.42 -3.78	84.97 3.11 -12.65	45.46 1.59 -5.45	63.91 1.71 -7.92	70.90 2.31 -2.92	70.17 2.56 -6.05	70.01 2.61 -8.28	69.59 2.43 -17.15	251.79 3.03 -188.34	284.89 3.55 -204.52	209.08 3.83 -118.10	256.80 5.57 -151.61	173.96 4.25 -90.47	118.87 3.56 -43.93	88.21 2.78 -29.38	66.50 2.80 -10.56	55.88 2.81 -8.64	85.09 2.26 -41.07
BROOKLYN_NAVY_YARD 23515	39.69 1.59 0.00	36.61 1.42 0.00	34.82 1.31 0.00	36.66 1.41 0.00	38.36 1.52 0.00	52.15 2.16 0.00	62.16 2.74 0.00	72.73 3.52 0.00	40.32 1.89 0.00	56.85 2.58 0.00	68.61 2.95 0.00	64.68 3.12 0.00	62.10 2.98 0.00	52.69 2.68 0.00	63.59 3.18 0.00	80.36 3.54 0.00	91.54 4.40 0.00	105.13 5.51 0.00	83.25 4.01 0.00	74.83 3.45 0.00	58.76 2.71 0.00	55.89 2.75 0.00	47.00 2.56 0.00	44.10 2.33 0.00
BROOKLYN___ARMY_DRP 323595	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
BROOME_2_LFGE 323671	38.19 0.09 0.00	35.24 0.05 0.00	33.52 0.01 0.00	35.24 -0.01 0.00	36.84 0.01 0.00	49.97 -0.02 0.00	59.46 0.05 0.00	69.20 -0.02 0.00	38.29 -0.14 0.00	54.24 -0.03 0.00	65.38 -0.29 0.00	60.71 -0.35 0.50	58.07 -0.35 0.70	49.42 -0.37 0.21	58.92 -0.50 1.00	73.08 -0.70 3.04	78.55 -0.71 7.87	97.48 -0.63 1.52	77.73 -0.54 0.97	70.93 -0.45 0.00	55.67 -0.38 0.00	52.75 -0.39 0.00	44.28 -0.15 0.00	41.59 -0.18 0.00
BROOME___LFGE 323600	38.19 0.09 0.00	35.24 0.05 0.00	33.52 0.01 0.00	35.24 -0.01 0.00	36.84 0.01 0.00	49.97 -0.02 0.00	59.46 0.05 0.00	69.20 -0.02 0.00	38.29 -0.14 0.00	54.24 -0.03 0.00	65.38 -0.29 0.00	60.71 -0.35 0.50	58.07 -0.35 0.70	49.42 -0.37 0.21	58.92 -0.50 1.00	73.08 -0.70 3.04	78.55 -0.71 7.87	97.48 -0.63 1.52	77.73 -0.54 0.97	70.93 -0.45 0.00	55.67 -0.38 0.00	52.75 -0.39 0.00	44.28 -0.15 0.00	41.59 -0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	38.93 0.83 0.00	35.86 0.67 0.00	34.12 0.61 0.00	35.85 0.60 0.00	37.45 0.62 0.00	50.93 0.94 0.00	60.68 1.26 0.00	70.90 1.68 0.00	39.46 1.03 0.00	55.86 1.58 0.00	67.73 2.07 0.00	63.38 1.81 0.00	60.72 1.59 0.00	51.29 1.28 0.00	61.61 1.20 0.00	77.75 0.93 0.00	87.93 0.79 0.00	100.82 1.20 0.00	80.31 1.07 0.00	72.40 1.02 0.00	57.16 1.11 0.00	54.25 1.12 0.00	45.21 0.77 0.00	43.01 0.64 -0.61
BROWNSV1_27_KV_LOAD 356125	40.11 2.01 0.00	37.01 1.82 0.00	35.18 1.67 0.00	37.03 1.79 0.00	38.75 1.91 0.00	52.66 2.67 0.00	62.81 3.39 0.00	73.49 4.28 0.00	40.73 2.31 0.00	57.46 3.18 0.00	69.34 3.68 0.00	65.35 3.79 0.00	62.76 3.64 0.00	53.24 3.23 0.00	64.25 3.83 0.00	81.23 4.41 0.00	92.53 5.39 0.00	106.31 6.68 0.00	84.17 4.93 0.00	75.64 4.25 0.00	59.40 3.35 0.00	56.48 3.34 0.00	47.47 3.03 0.00	44.55 2.78 0.00
BURROWS___LYONSDAL 23803	39.03 0.93 0.00	36.04 0.85 0.00	34.31 0.80 0.00	36.07 0.82 0.00	37.72 0.88 0.00	51.33 1.33 0.00	61.22 1.80 0.00	71.45 2.24 0.00	39.69 1.26 0.00	56.18 1.90 0.00	67.90 2.23 0.00	63.59 2.03 0.00	60.96 1.84 0.00	51.51 1.51 0.00	61.90 1.49 0.00	78.51 1.69 0.00	89.38 2.24 0.00	102.57 2.95 0.00	81.52 2.28 0.00	73.27 1.89 0.00	57.54 1.49 0.00	54.45 1.31 0.00	45.53 1.10 0.00	43.18 1.00 -0.42
CAITHNESS_CC_1 323624	39.46 1.36 0.00	36.45 1.26 0.00	34.71 1.19 0.00	36.50 1.26 0.00	38.09 1.26 0.00	52.52 1.99 -0.53	65.50 2.26 -3.83	84.96 2.92 -12.82	45.45 1.50 -5.52	63.92 1.62 -8.03	70.82 2.19 -2.96	70.10 2.45 -6.08	69.97 2.54 -8.31	69.55 2.37 -17.18	251.89 2.92 -188.55	285.00 3.38 -204.79	209.17 3.65 -118.37	256.81 5.28 -151.90	174.01 3.98 -90.78	118.83 3.32 -44.12	88.22 2.62 -29.55	66.45 2.65 -10.67	55.87 2.70 -8.73	85.13 2.17 -41.20
CALPINE BETH_PAGE_GT4 24209	39.73 1.63 0.00	36.65 1.46 0.00	34.87 1.36 0.00	36.69 1.44 0.00	38.32 1.49 0.00	52.26 2.27 0.00	62.14 2.72 0.00	72.61 3.39 0.00	40.27 1.85 0.00	56.51 2.23 0.00	68.66 3.00 0.00	68.94 3.18 -4.20	69.32 3.15 -7.05	71.39 2.80 -18.59	272.34 3.57 -208.35	303.24 4.22 -222.19	210.25 4.55 -118.56	262.05 5.89 -156.53	165.09 4.35 -81.51	110.91 3.67 -35.86	79.78 2.90 -20.83	58.99 2.87 -2.99	49.16 2.78 -1.94	82.22 2.35 -38.10
CALPINE_BETH_PAGE_GT_4 323586	39.73 1.63 0.00	36.65 1.46 0.00	34.87 1.36 0.00	36.69 1.44 0.00	38.32 1.48 0.00	52.26 2.27 0.00	62.14 2.72 0.00	72.61 3.40 0.00	40.27 1.85 0.00	56.51 2.23 0.00	68.66 3.00 0.00	68.96 3.19 -4.20	69.33 3.17 -7.05	71.42 2.83 -18.59	272.37 3.60 -208.35	303.24 4.23 -222.19	210.26 4.57 -118.56	262.05 5.89 -156.53	165.09 4.35 -81.51	110.92 3.67 -35.86	79.79 2.91 -20.83	58.99 2.87 -2.99	49.16 2.79 -1.94	82.21 2.35 -38.10
CALPINE_BP_GT1 23823	39.73 1.63 0.00	36.65 1.46 0.00	34.87 1.36 0.00	36.69 1.44 0.00	38.32 1.48 0.00	52.26 2.27 0.00	62.14 2.72 0.00	72.61 3.40 0.00	40.27 1.85 0.00	56.51 2.23 0.00	68.66 3.00 0.00	68.96 3.19 -4.20	69.33 3.17 -7.05	71.42 2.83 -18.59	272.37 3.60 -208.35	303.24 4.23 -222.19	210.26 4.57 -118.56	262.05 5.89 -156.53	165.09 4.35 -81.51	110.92 3.67 -35.86	79.79 2.91 -20.83	58.99 2.87 -2.99	49.16 2.79 -1.94	82.21 2.35 -38.10
CALSPAN___DRP 24200	38.08 -0.02 0.00	34.82 -0.37 0.00	32.91 -0.60 0.00	34.60 -0.65 0.00	36.01 -0.83 0.00	48.44 -1.56 0.00	57.07 -2.34 0.00	65.86 -3.36 0.00	36.51 -1.92 0.00	52.17 -2.11 0.00	62.28 -3.38 0.00	54.35 -3.75 3.46	54.16 -3.81 1.16	45.18 -3.34 1.49	49.21 -4.28 6.93	54.45 -5.66 16.71	56.09 -6.75 24.30	88.24 -7.33 4.05	70.86 -5.78 2.60	65.99 -5.39 0.00	51.66 -4.39 0.00	48.92 -4.22 0.00	41.33 -3.11 0.00	38.92 -2.85 0.00

CALVERTON___SOLAR 323806	39.57 1.47 0.00	36.55 1.36 0.00	34.80 1.28 0.00	36.60 1.35 0.00	38.22 1.38 0.00	52.68 2.17 -0.52	65.72 2.54 -3.75	85.09 3.29 -12.58	45.49 1.64 -5.42	63.92 1.77 -7.88	70.95 2.38 -2.91	70.23 2.63 -6.03	70.10 2.72 -8.26	69.71 2.56 -17.14	251.83 3.17 -188.25	284.94 3.72 -204.40	209.12 3.99 -117.99	256.95 5.85 -151.48	174.07 4.49 -90.35	118.99 3.76 -43.85	88.32 2.95 -29.32	66.56 2.91 -10.52	55.93 2.90 -8.60	85.09 2.31 -41.02
CANDIGU_WT_PWR 323617	37.47 -0.62 0.00	34.20 -0.99 0.00	32.23 -1.28 0.00	33.89 -1.36 0.00	35.41 -1.42 0.00	47.96 -2.04 0.00	57.13 -2.29 0.00	65.84 -3.38 0.00	36.06 -2.36 0.00	51.38 -2.90 0.00	61.08 -4.59 0.00	49.65 -4.97 6.93	49.95 -4.99 4.19	42.31 -4.72 2.98	40.76 -5.79 13.87	35.60 -7.52 33.71	28.75 -8.44 49.95	82.70 -8.53 8.39	67.68 -6.19 5.37	65.59 -5.79 0.00	51.19 -4.86 0.00	48.55 -4.58 0.00	41.15 -3.29 0.00	38.58 -3.19 0.00
CARR STREET_E_SYR 24060	37.36 -0.74 0.00	34.50 -0.69 0.00	32.86 -0.65 0.00	34.54 -0.71 0.00	36.09 -0.75 0.00	48.98 -1.01 0.00	58.25 -1.17 0.00	67.88 -1.34 0.00	37.70 -0.73 0.00	53.36 -0.92 0.00	64.37 -1.30 0.00	60.30 -1.26 0.00	57.91 -1.22 0.00	48.99 -1.01 0.00	59.09 -1.32 0.00	75.12 -1.71 0.00	85.25 -1.89 0.00	97.62 -2.00 0.00	77.53 -1.71 0.00	69.78 -1.60 0.00	54.74 -1.32 0.00	51.81 -1.33 0.00	43.40 -1.04 0.00	40.83 -0.94 0.00
CARTHAGE___PAPER 23857	39.19 1.09 0.00	36.12 0.93 0.00	34.36 0.85 0.00	36.11 0.86 0.00	37.75 0.92 0.00	51.38 1.38 0.00	61.38 1.97 0.00	71.77 2.55 0.00	39.94 1.51 0.00	56.57 2.30 0.00	68.45 2.79 0.00	64.13 2.57 0.00	61.38 2.26 0.00	51.84 1.83 0.00	62.23 1.81 0.00	78.81 1.99 0.00	89.66 2.52 0.00	103.16 3.54 0.00	82.10 2.86 0.00	73.68 2.30 0.00	57.88 1.82 0.00	54.77 1.64 0.00	45.70 1.26 0.00	44.18 1.10 -1.32
CASSADAGA_WT_PWR 323784	38.33 0.23 0.00	34.99 -0.20 0.00	33.21 -0.30 0.00	34.92 -0.33 0.00	36.16 -0.68 0.00	48.70 -1.29 0.00	58.03 -1.38 0.00	67.10 -2.11 0.00	36.94 -1.49 0.00	52.83 -1.45 0.00	63.12 -2.54 0.00	55.01 -2.92 3.64	54.75 -3.07 1.31	45.55 -2.89 1.56	49.34 -3.80 7.27	54.67 -4.64 17.51	56.62 -5.12 25.39	89.42 -5.98 4.23	71.90 -4.63 2.71	67.06 -4.32 0.00	52.63 -3.42 0.00	49.74 -3.39 0.00	41.97 -2.47 0.00	39.37 -2.40 0.00
CE_DUNWOOD___DRP 24194	39.45 1.35 0.00	36.43 1.24 0.00	34.65 1.13 0.00	36.50 1.25 0.00	38.20 1.37 0.00	51.97 1.98 0.00	61.93 2.51 0.00	72.35 3.13 0.00	40.05 1.62 0.00	56.52 2.24 0.00	68.30 2.64 0.00	64.29 2.73 0.00	61.77 2.65 0.00	52.33 2.33 0.00	63.19 2.77 0.00	79.98 3.16 0.00	91.05 3.91 0.00	104.53 4.91 0.00	82.83 3.59 0.00	74.53 3.15 0.00	58.50 2.45 0.00	55.57 2.44 0.00	46.77 2.34 0.00	43.90 2.13 0.00
CE_MILLWOOD___DRP 24193	39.39 1.29 0.00	36.38 1.19 0.00	34.60 1.09 0.00	36.45 1.20 0.00	38.15 1.32 0.00	51.91 1.92 0.00	61.86 2.44 0.00	72.25 3.03 0.00	39.99 1.56 0.00	56.42 2.14 0.00	68.19 2.53 0.00	64.19 2.63 0.00	61.67 2.55 0.00	52.24 2.24 0.00	63.08 2.66 0.00	79.85 3.03 0.00	90.93 3.78 0.00	104.37 4.75 0.00	82.72 3.48 0.00	74.41 3.03 0.00	58.42 2.36 0.00	55.48 2.35 0.00	46.69 2.25 0.00	43.83 2.06 0.00
CE_NYC2_DRP 24202	39.91 1.81 0.00	36.81 1.62 0.00	35.00 1.48 0.00	36.86 1.61 0.00	38.57 1.73 0.00	52.33 2.34 0.00	62.30 2.88 0.00	72.92 3.70 0.00	40.50 2.07 0.00	57.01 2.73 0.00	68.74 3.07 0.00	64.83 3.27 0.00	62.29 3.16 0.00	52.90 2.90 0.00	63.77 3.35 0.00	80.52 3.70 0.00	91.70 4.55 0.00	105.27 5.64 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.90 2.85 0.00	56.07 2.94 0.00	47.17 2.74 0.00	44.28 2.51 0.00
CE_NYC_DRP 24195	39.81 1.71 0.00	36.73 1.54 0.00	34.92 1.41 0.00	36.78 1.53 0.00	38.47 1.64 0.00	52.29 2.30 0.00	62.35 2.94 0.00	72.95 3.73 0.00	40.43 2.00 0.00	57.01 2.74 0.00	68.80 3.14 0.00	64.84 3.27 0.00	62.28 3.15 0.00	52.82 2.82 0.00	63.77 3.35 0.00	80.60 3.78 0.00	91.77 4.63 0.00	105.42 5.79 0.00	83.46 4.22 0.00	75.00 3.62 0.00	58.90 2.85 0.00	56.00 2.86 0.00	47.10 2.67 0.00	44.20 2.43 0.00
CHAFFEE___LFGE 323603	38.20 0.10 0.00	34.95 -0.24 0.00	33.02 -0.49 0.00	34.71 -0.54 0.00	36.15 -0.68 0.00	48.67 -1.33 0.00	57.41 -2.01 0.00	66.30 -2.91 0.00	36.74 -1.68 0.00	52.50 -1.77 0.00	62.69 -2.98 0.00	54.60 -3.37 3.60	54.44 -3.43 1.25	45.42 -3.04 1.55	49.26 -3.95 7.21	54.18 -5.28 17.37	55.71 -6.21 25.22	88.76 -6.66 4.20	71.33 -5.21 2.70	66.50 -4.88 0.00	52.02 -4.03 0.00	49.23 -3.90 0.00	41.57 -2.87 0.00	39.13 -2.64 0.00
CHATEAUG_35_KV_LOAD 355732	38.88 0.78 0.00	35.80 0.61 0.00	34.07 0.56 0.00	35.77 0.52 0.00	37.32 0.49 0.00	50.56 0.57 0.00	60.15 0.73 0.00	70.25 1.04 0.00	39.13 0.70 0.00	55.30 1.02 0.00	66.99 1.32 0.00	62.57 1.01 0.00	59.98 0.85 0.00	50.65 0.65 0.00	61.23 0.82 0.00	77.85 1.03 0.00	88.08 0.94 0.00	100.77 1.15 0.00	80.42 1.18 0.00	72.44 1.06 0.00	56.92 0.87 0.00	53.84 0.71 0.00	44.76 0.32 0.00	41.97 0.20 0.00
CHATEAUG_WT_PWR 323614	38.71 0.61 0.00	35.66 0.47 0.00	33.93 0.42 0.00	35.63 0.38 0.00	37.19 0.35 0.00	50.35 0.36 0.00	59.90 0.48 0.00	69.91 0.70 0.00	38.94 0.51 0.00	55.02 0.75 0.00	66.67 1.00 0.00	62.27 0.70 0.00	59.71 0.58 0.00	50.42 0.41 0.00	60.94 0.53 0.00	77.48 0.66 0.00	87.64 0.50 0.00	100.22 0.59 0.00	79.93 0.70 0.00	72.04 0.66 0.00	56.61 0.56 0.00	53.57 0.44 0.00	44.55 0.11 0.00	41.80 0.03 0.00
CHAT_HIGH_FALL_HYD 323578	38.88 0.78 0.00	35.80 0.61 0.00	34.07 0.56 0.00	35.77 0.52 0.00	37.32 0.49 0.00	50.56 0.57 0.00	60.15 0.73 0.00	70.25 1.04 0.00	39.13 0.70 0.00	55.30 1.02 0.00	66.99 1.32 0.00	62.57 1.01 0.00	59.98 0.85 0.00	50.65 0.65 0.00	61.23 0.82 0.00	77.85 1.03 0.00	88.08 0.94 0.00	100.77 1.15 0.00	80.42 1.18 0.00	72.44 1.06 0.00	56.92 0.87 0.00	53.84 0.71 0.00	44.76 0.32 0.00	41.97 0.20 0.00
CHAUTAUQUA___LFGE 323629	37.91 -0.19 0.00	34.62 -0.57 0.00	32.83 -0.69 0.00	34.52 -0.73 0.00	35.80 -1.04 0.00	48.20 -1.79 0.00	57.29 -2.13 0.00	66.10 -3.12 0.00	36.43 -2.00 0.00	52.10 -2.18 0.00	62.20 -3.46 0.00	54.22 -3.80 3.54	54.03 -3.85 1.25	44.93 -3.56 1.52	48.79 -4.56 7.08	54.01 -5.76 17.05	55.96 -6.44 24.74	88.26 -7.24 4.12	70.96 -5.63 2.64	66.21 -5.17 0.00	51.94 -4.12 0.00	49.13 -4.01 0.00	41.48 -2.96 0.00	38.96 -2.81 0.00
CHERRYST_13_KV_LD 356241	39.90 1.80 0.00	36.81 1.61 0.00	35.00 1.49 0.00	36.86 1.61 0.00	38.56 1.73 0.00	52.41 2.42 0.00	62.51 3.10 0.00	73.15 3.93 0.00	40.54 2.12 0.00	57.20 2.92 0.00	69.04 3.38 0.00	65.06 3.50 0.00	62.49 3.37 0.00	52.99 2.99 0.00	63.96 3.55 0.00	80.85 4.02 0.00	92.06 4.92 0.00	105.73 6.10 0.00	83.70 4.46 0.00	75.20 3.82 0.00	59.06 3.00 0.00	56.15 3.01 0.00	47.22 2.78 0.00	44.30 2.53 0.00

CORONA__69_KV_TB1 355595	39.86 1.76 0.00	36.77 1.58 0.00	34.99 1.48 0.00	36.81 1.57 0.00	38.47 1.64 0.00	52.43 2.44 0.00	62.39 2.98 0.00	72.91 3.69 0.00	40.33 1.90 0.00	56.64 2.36 0.00	68.86 3.19 0.00	70.81 3.31 -5.94	72.33 3.24 -9.96	79.15 2.86 -26.28	359.78 3.62 -295.74	396.50 4.25 -315.43	260.00 4.60 -168.26	327.68 5.84 -222.22	199.25 4.30 -115.71	125.96 3.67 -50.91	88.48 2.86 -29.57	60.22 2.87 -4.22	50.00 2.81 -2.75	98.05 2.42 -53.87
CORTLAND__115KV_TB3 80093	38.36 0.26 0.00	35.43 0.24 0.00	33.72 0.21 0.00	35.45 0.20 0.00	37.07 0.24 0.00	50.35 0.35 0.00	59.94 0.52 0.00	69.87 0.66 0.00	38.75 0.32 0.00	54.87 0.60 0.00	66.13 0.46 0.00	64.91 0.35 -2.99	60.98 0.32 -1.54	51.55 0.26 -1.29	66.65 0.24 -5.99	92.22 0.33 -15.07	112.52 0.52 -24.85	104.71 0.76 -4.33	82.54 0.54 -2.76	71.82 0.44 0.00	56.33 0.27 0.00	53.30 0.17 0.00	44.65 0.21 0.00	41.95 0.18 0.00
COXSACKIE__GT 23611	39.64 1.54 0.00	36.70 1.51 0.00	34.99 1.48 0.00	36.92 1.67 0.00	38.59 1.75 0.00	52.31 2.32 0.00	62.11 2.70 0.00	72.38 3.16 0.00	39.98 1.56 0.00	56.34 2.06 0.00	68.35 2.68 0.00	64.25 2.69 0.00	61.73 2.61 0.00	52.24 2.24 0.00	63.24 2.82 0.00	81.00 4.18 0.00	92.02 4.87 0.00	105.51 5.89 0.00	83.69 4.45 0.00	75.12 3.74 0.00	58.88 2.82 0.00	55.76 2.62 0.00	46.61 2.17 0.00	43.73 1.96 0.00
CPV_VALLEY__CC1 323721	39.09 0.99 0.00	36.11 0.92 0.00	34.36 0.85 0.00	36.19 0.94 0.00	37.88 1.05 0.00	51.51 1.52 0.00	61.37 1.95 0.00	71.60 2.39 0.00	39.62 1.19 0.00	55.95 1.67 0.00	67.59 1.93 0.00	63.56 2.00 0.00	61.07 1.94 0.00	51.68 1.67 0.00	62.36 1.94 0.00	79.08 2.25 0.00	90.03 2.89 0.00	103.25 3.63 0.00	81.90 2.66 0.00	73.72 2.34 0.00	57.89 1.83 0.00	54.94 1.80 0.00	46.19 1.75 0.00	43.39 1.62 0.00
CPV_VALLEY__CC2 323722	39.09 0.99 0.00	36.11 0.92 0.00	34.36 0.85 0.00	36.19 0.94 0.00	37.88 1.05 0.00	51.51 1.52 0.00	61.37 1.95 0.00	71.60 2.39 0.00	39.62 1.19 0.00	55.95 1.67 0.00	67.59 1.93 0.00	63.56 2.00 0.00	61.07 1.94 0.00	51.68 1.67 0.00	62.36 1.94 0.00	79.08 2.25 0.00	90.03 2.89 0.00	103.25 3.63 0.00	81.90 2.66 0.00	73.72 2.34 0.00	57.89 1.83 0.00	54.94 1.80 0.00	46.19 1.75 0.00	43.39 1.62 0.00
CRESCENT__HYD 24018	38.39 0.29 0.00	35.55 0.36 0.00	33.94 0.43 0.00	35.85 0.60 0.00	37.54 0.71 0.00	51.04 1.05 0.00	60.67 1.25 0.00	70.20 0.98 0.00	38.85 0.43 0.00	54.70 0.42 0.00	66.36 0.70 0.00	62.42 0.85 0.00	60.14 1.02 0.00	51.02 1.02 0.00	61.61 1.19 0.00	78.54 1.72 0.00	89.14 1.99 0.00	101.61 1.99 0.00	80.74 1.51 0.00	72.71 1.33 0.00	56.93 0.88 0.00	54.18 1.04 0.00	45.43 0.99 0.00	42.80 1.03 0.00
CRICKET__VALLEY_CC1 323756	38.84 0.74 0.00	35.87 0.68 0.00	34.14 0.63 0.00	35.97 0.72 0.00	37.64 0.80 0.00	51.19 1.20 0.00	60.95 1.53 0.00	71.15 1.94 0.00	39.40 0.97 0.00	55.59 1.31 0.00	67.19 1.53 0.00	63.26 1.69 0.00	60.79 1.66 0.00	51.51 1.51 0.00	62.21 1.79 0.00	78.80 1.97 0.00	89.63 2.49 0.00	102.75 3.12 0.00	81.45 2.22 0.00	73.29 1.91 0.00	57.57 1.52 0.00	54.71 1.57 0.00	46.00 1.56 0.00	43.19 1.42 0.00
CRICKET__VALLEY_CC2 323757	38.84 0.74 0.00	35.87 0.68 0.00	34.14 0.63 0.00	35.97 0.72 0.00	37.64 0.80 0.00	51.19 1.20 0.00	60.95 1.53 0.00	71.15 1.94 0.00	39.40 0.97 0.00	55.59 1.31 0.00	67.19 1.53 0.00	63.26 1.69 0.00	60.79 1.66 0.00	51.51 1.51 0.00	62.21 1.79 0.00	78.80 1.97 0.00	89.63 2.49 0.00	102.75 3.12 0.00	81.45 2.22 0.00	73.29 1.91 0.00	57.57 1.52 0.00	54.71 1.57 0.00	46.00 1.56 0.00	43.19 1.42 0.00
CRICKET__VALLEY_CC3 323758	38.84 0.74 0.00	35.87 0.68 0.00	34.14 0.63 0.00	35.97 0.72 0.00	37.64 0.80 0.00	51.19 1.20 0.00	60.95 1.53 0.00	71.15 1.94 0.00	39.40 0.97 0.00	55.59 1.31 0.00	67.19 1.53 0.00	63.26 1.69 0.00	60.79 1.66 0.00	51.51 1.51 0.00	62.21 1.79 0.00	78.80 1.97 0.00	89.63 2.49 0.00	102.75 3.12 0.00	81.45 2.22 0.00	73.29 1.91 0.00	57.57 1.52 0.00	54.71 1.57 0.00	46.00 1.56 0.00	43.19 1.42 0.00
CRUCIBLE__METL_DRP 24180	37.69 -0.41 0.00	34.81 -0.38 0.00	33.15 -0.36 0.00	34.85 -0.40 0.00	36.42 -0.42 0.00	49.43 -0.56 0.00	58.81 -0.61 0.00	68.47 -0.74 0.00	38.04 -0.39 0.00	53.84 -0.43 0.00	64.97 -0.70 0.00	60.85 -0.71 0.00	58.65 -0.74 -0.26	49.41 -0.60 0.00	59.64 -0.78 0.00	76.27 -1.03 -0.48	89.26 -1.11 -3.23	99.24 -1.08 -0.69	78.72 -0.96 -0.44	70.48 -0.91 0.00	55.24 -0.81 0.00	52.29 -0.84 0.00	43.80 -0.64 0.00	42.81 -0.58 -1.62
DAHOWA__HYDRO 323763	39.10 1.00 0.00	36.16 0.97 0.00	34.55 1.04 0.00	36.50 1.25 0.00	38.33 1.49 0.00	52.11 2.12 0.00	62.04 2.62 0.00	71.72 2.51 0.00	39.76 1.33 0.00	56.01 1.73 0.00	68.02 2.36 0.00	64.11 2.54 0.00	61.73 2.61 0.00	52.22 2.22 0.00	63.08 2.66 0.00	80.40 3.57 0.00	91.25 4.11 0.00	103.99 4.36 0.00	82.58 3.35 0.00	74.43 3.05 0.00	58.16 2.11 0.00	55.26 2.12 0.00	46.33 1.89 0.00	43.51 1.74 0.00
DANC__LFGE 323619	38.03 -0.07 0.00	35.08 -0.11 0.00	33.39 -0.12 0.00	35.10 -0.15 0.00	36.66 -0.18 0.00	49.78 -0.21 0.00	59.35 -0.07 0.00	69.28 0.06 0.00	38.54 0.11 0.00	54.65 0.37 0.00	66.04 0.37 0.00	61.90 0.33 0.00	59.32 0.20 0.00	50.09 0.09 0.00	60.26 -0.16 0.00	76.51 -0.31 0.00	86.91 -0.23 0.00	99.87 0.24 0.00	79.38 0.14 0.00	71.30 -0.08 0.00	55.96 -0.09 0.00	52.93 -0.20 0.00	44.27 -0.17 0.00	43.79 -0.16 -2.19
DANSKAMMER__1 23586	39.66 1.56 0.00	36.62 1.43 0.00	34.83 1.32 0.00	36.69 1.44 0.00	38.40 1.56 0.00	52.26 2.27 0.00	62.31 2.89 0.00	72.72 3.50 0.00	40.23 1.80 0.00	56.80 2.52 0.00	68.60 2.94 0.00	64.59 3.02 0.00	62.11 2.99 0.00	52.59 2.59 0.00	63.55 3.13 0.00	80.51 3.69 0.00	91.69 4.55 0.00	105.24 5.61 0.00	83.44 4.20 0.00	75.05 3.67 0.00	58.92 2.86 0.00	55.89 2.76 0.00	46.96 2.52 0.00	44.05 2.28 0.00
DANSKAMMER__2 23589	39.66 1.56 0.00	36.62 1.43 0.00	34.83 1.32 0.00	36.69 1.44 0.00	38.40 1.56 0.00	52.26 2.27 0.00	62.31 2.89 0.00	72.72 3.50 0.00	40.23 1.80 0.00	56.80 2.52 0.00	68.60 2.94 0.00	64.59 3.02 0.00	62.11 2.99 0.00	52.59 2.59 0.00	63.55 3.13 0.00	80.51 3.69 0.00	91.69 4.55 0.00	105.24 5.61 0.00	83.44 4.20 0.00	75.05 3.67 0.00	58.92 2.86 0.00	55.89 2.76 0.00	46.96 2.52 0.00	44.05 2.28 0.00
DANSKAMMER__3 23590	39.66 1.56 0.00	36.62 1.43 0.00	34.83 1.32 0.00	36.69 1.44 0.00	38.40 1.56 0.00	52.26 2.27 0.00	62.31 2.89 0.00	72.72 3.50 0.00	40.23 1.80 0.00	56.80 2.52 0.00	68.60 2.94 0.00	64.59 3.02 0.00	62.11 2.99 0.00	52.59 2.59 0.00	63.55 3.13 0.00	80.51 3.69 0.00	91.69 4.55 0.00	105.24 5.61 0.00	83.44 4.20 0.00	75.05 3.67 0.00	58.92 2.86 0.00	55.89 2.76 0.00	46.96 2.52 0.00	44.05 2.28 0.00

DANSKAMMER___4 23591	39.66 1.56 0.00	36.62 1.43 0.00	34.83 1.32 0.00	36.69 1.44 0.00	38.40 1.56 0.00	52.26 2.27 0.00	62.31 2.89 0.00	72.72 3.50 0.00	40.23 1.80 0.00	56.80 2.52 0.00	68.60 2.94 0.00	64.59 3.02 0.00	62.11 2.99 0.00	52.59 2.59 0.00	63.55 3.13 0.00	80.51 3.69 0.00	91.69 4.55 0.00	105.24 5.61 0.00	83.44 4.20 0.00	75.05 3.67 0.00	58.92 2.86 0.00	55.89 2.76 0.00	46.96 2.52 0.00	44.05 2.28 0.00
DANSKAMMER___DIESEL 23592	39.66 1.56 0.00	36.62 1.43 0.00	34.83 1.32 0.00	36.69 1.44 0.00	38.40 1.57 0.00	52.26 2.27 0.00	62.32 2.90 0.00	72.72 3.50 0.00	40.23 1.80 0.00	56.79 2.51 0.00	68.61 2.94 0.00	64.59 3.03 0.00	62.11 2.98 0.00	52.60 2.59 0.00	63.55 3.13 0.00	80.50 3.68 0.00	91.69 4.55 0.00	105.24 5.61 0.00	83.44 4.20 0.00	75.05 3.67 0.00	58.91 2.86 0.00	55.89 2.76 0.00	46.97 2.53 0.00	44.05 2.28 0.00
DARBY___SOLAR 323810	38.99 0.89 0.00	36.06 0.86 0.00	34.44 0.93 0.00	36.39 1.14 0.00	38.17 1.34 0.00	51.90 1.90 0.00	61.75 2.33 0.00	71.40 2.19 0.00	39.58 1.15 0.00	55.76 1.49 0.00	67.71 2.05 0.00	63.77 2.20 0.00	61.41 2.29 0.00	51.97 1.97 0.00	62.77 2.36 0.00	79.99 3.17 0.00	90.78 3.64 0.00	103.48 3.86 0.00	82.20 2.96 0.00	74.05 2.67 0.00	57.90 1.84 0.00	55.02 1.89 0.00	46.13 1.70 0.00	43.36 1.59 0.00
DASHVILLE___HYD 23610	39.18 1.08 0.00	36.20 1.01 0.00	34.43 0.92 0.00	36.28 1.03 0.00	37.96 1.13 0.00	51.66 1.67 0.00	61.55 2.13 0.00	71.82 2.61 0.00	39.75 1.32 0.00	56.14 1.86 0.00	67.79 2.13 0.00	63.82 2.25 0.00	61.36 2.23 0.00	51.97 1.96 0.00	62.78 2.36 0.00	79.59 2.76 0.00	90.56 3.42 0.00	103.87 4.24 0.00	82.38 3.14 0.00	74.11 2.73 0.00	58.20 2.15 0.00	55.22 2.08 0.00	46.39 1.95 0.00	43.52 1.76 0.00
DELAWARE___LFGE 323621	38.81 0.71 0.00	35.88 0.69 0.00	34.14 0.63 0.00	35.95 0.70 0.00	37.57 0.74 0.00	51.07 1.07 0.00	60.68 1.27 0.00	70.81 1.60 0.00	39.24 0.82 0.00	55.49 1.21 0.00	67.02 1.36 0.00	62.85 1.29 0.00	60.35 1.22 0.00	51.05 1.04 0.00	61.61 1.19 0.00	78.30 1.47 0.00	88.94 1.80 0.00	101.65 2.02 0.00	80.80 1.56 0.00	72.85 1.47 0.00	57.29 1.23 0.00	54.28 1.15 0.00	45.52 1.08 0.00	42.75 0.99 0.00
DERFIELD_115KV_TB7 355931	38.14 0.04 0.00	35.25 0.06 0.00	33.58 0.07 0.00	35.32 0.07 0.00	36.94 0.11 0.00	50.14 0.15 0.00	59.58 0.17 0.00	69.36 0.14 0.00	38.48 0.05 0.00	54.33 0.05 0.00	65.71 0.04 0.00	61.62 0.06 0.00	59.21 0.08 0.00	50.09 0.09 0.00	60.52 0.10 0.00	76.95 0.13 0.00	87.34 0.20 0.00	99.82 0.19 0.00	79.33 0.09 0.00	71.48 0.09 0.00	56.14 0.09 0.00	53.25 0.11 0.00	44.59 0.16 0.00	41.94 0.17 0.00
DOGLEVILLE___HYD 23807	40.59 2.49 0.00	37.56 2.37 0.00	35.78 2.27 0.00	37.72 2.47 0.00	39.58 2.75 0.00	53.75 3.76 0.00	63.68 4.27 0.00	73.91 4.70 0.00	40.72 2.30 0.00	57.14 2.86 0.00	69.22 3.55 0.00	64.74 3.18 0.00	62.29 3.17 0.00	52.75 2.75 0.00	64.23 3.81 0.00	82.00 5.17 0.00	93.22 6.08 0.00	107.12 7.50 0.00	85.09 5.85 0.00	76.58 5.19 0.00	60.02 3.97 0.00	57.33 4.20 0.00	48.14 3.70 0.00	45.22 3.46 0.00
DUNKIRK__115KV_TB_200 55889	37.89 -0.21 0.00	34.61 -0.58 0.00	32.81 -0.70 0.00	34.49 -0.76 0.00	35.80 -1.04 0.00	48.21 -1.79 0.00	57.25 -2.16 0.00	66.06 -3.15 0.00	36.41 -2.02 0.00	52.09 -2.18 0.00	62.18 -3.48 0.00	54.21 -3.82 3.53	54.02 -3.86 1.24	44.97 -3.52 1.52	48.87 -4.49 7.06	54.08 -5.74 17.01	55.96 -6.50 24.68	88.26 -7.26 4.11	70.96 -5.64 2.64	66.20 -5.18 0.00	51.91 -4.14 0.00	49.11 -4.02 0.00	41.47 -2.97 0.00	38.96 -2.80 0.00
DUNKIRK___1 23563	37.89 -0.21 0.00	34.61 -0.58 0.00	32.81 -0.70 0.00	34.49 -0.76 0.00	35.80 -1.04 0.00	48.21 -1.79 0.00	57.25 -2.16 0.00	66.06 -3.15 0.00	36.41 -2.02 0.00	52.09 -2.18 0.00	62.18 -3.48 0.00	54.21 -3.82 3.53	54.02 -3.86 1.24	44.97 -3.52 1.52	48.87 -4.49 7.06	54.08 -5.74 17.01	55.96 -6.50 24.68	88.26 -7.26 4.11	70.96 -5.64 2.64	66.20 -5.18 0.00	51.91 -4.14 0.00	49.11 -4.02 0.00	41.47 -2.97 0.00	38.96 -2.80 0.00
DUNKIRK___2 23564	37.89 -0.21 0.00	34.61 -0.58 0.00	32.81 -0.70 0.00	34.49 -0.76 0.00	35.80 -1.04 0.00	48.21 -1.79 0.00	57.25 -2.16 0.00	66.06 -3.15 0.00	36.41 -2.02 0.00	52.09 -2.18 0.00	62.18 -3.48 0.00	54.21 -3.82 3.53	54.02 -3.86 1.24	44.97 -3.52 1.52	48.87 -4.49 7.06	54.08 -5.74 17.01	55.96 -6.50 24.68	88.26 -7.26 4.11	70.96 -5.64 2.64	66.20 -5.18 0.00	51.91 -4.14 0.00	49.11 -4.02 0.00	41.47 -2.97 0.00	38.96 -2.80 0.00
DUNKIRK___3 23565	37.83 -0.27 0.00	34.59 -0.60 0.00	32.76 -0.75 0.00	34.43 -0.81 0.00	35.78 -1.06 0.00	48.16 -1.84 0.00	57.08 -2.34 0.00	65.86 -3.36 0.00	36.33 -2.10 0.00	51.97 -2.31 0.00	62.04 -3.62 0.00	54.14 -3.93 3.49	53.92 -3.98 1.23	44.93 -3.58 1.50	48.88 -4.55 6.98	54.12 -5.88 16.82	56.01 -6.73 24.40	88.05 -7.51 4.06	70.77 -5.86 2.61	66.01 -5.37 0.00	51.73 -4.32 0.00	48.98 -4.16 0.00	41.39 -3.05 0.00	38.92 -2.85 0.00
DUNKIRK___4 23566	37.83 -0.27 0.00	34.59 -0.60 0.00	32.76 -0.75 0.00	34.43 -0.81 0.00	35.78 -1.06 0.00	48.16 -1.84 0.00	57.08 -2.34 0.00	65.86 -3.36 0.00	36.33 -2.10 0.00	51.97 -2.31 0.00	62.04 -3.62 0.00	54.14 -3.93 3.49	53.92 -3.98 1.23	44.93 -3.58 1.50	48.88 -4.55 6.98	54.12 -5.88 16.82	56.01 -6.73 24.40	88.05 -7.51 4.06	70.77 -5.86 2.61	66.01 -5.37 0.00	51.73 -4.32 0.00	48.98 -4.16 0.00	41.39 -3.05 0.00	38.92 -2.85 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.58 1.48 0.00	36.54 1.35 0.00	34.75 1.24 0.00	36.60 1.36 0.00	38.31 1.47 0.00	52.11 2.12 0.00	62.09 2.67 0.00	72.53 3.32 0.00	40.17 1.75 0.00	56.68 2.40 0.00	68.51 2.85 0.00	64.52 2.95 0.00	61.99 2.86 0.00	52.55 2.55 0.00	63.46 3.04 0.00	80.29 3.47 0.00	91.37 4.23 0.00	104.90 5.27 0.00	83.13 3.89 0.00	74.75 3.37 0.00	58.68 2.63 0.00	55.76 2.63 0.00	46.92 2.48 0.00	44.04 2.27 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.44 1.34 0.00	36.42 1.23 0.00	34.64 1.13 0.00	36.49 1.25 0.00	38.21 1.37 0.00	51.99 1.99 0.00	61.96 2.55 0.00	72.30 3.09 0.00	40.00 1.57 0.00	56.48 2.20 0.00	68.21 2.55 0.00	64.19 2.63 0.00	61.70 2.58 0.00	52.21 2.21 0.00	63.06 2.64 0.00	79.90 3.08 0.00	91.05 3.91 0.00	104.52 4.90 0.00	82.87 3.63 0.00	74.57 3.19 0.00	58.53 2.48 0.00	55.54 2.41 0.00	46.68 2.25 0.00	43.81 2.05 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.85 1.75 0.00	36.76 1.57 0.00	34.93 1.42 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.19 2.20 0.00	62.23 2.82 0.00	72.87 3.65 0.00	40.45 2.02 0.00	56.88 2.60 0.00	68.61 2.94 0.00	64.69 3.13 0.00	62.14 3.01 0.00	52.78 2.78 0.00	63.56 3.15 0.00	80.35 3.53 0.00	91.57 4.43 0.00	105.15 5.53 0.00	83.27 4.03 0.00	74.82 3.44 0.00	58.82 2.77 0.00	55.95 2.81 0.00	47.05 2.62 0.00	44.17 2.40 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.89 -0.21 0.00	34.67 -0.52 0.00	32.78 -0.73 0.00	34.47 -0.78 0.00	35.86 -0.97 0.00	48.19 -1.80 0.00	56.72 -2.69 0.00	65.45 -3.77 0.00	36.28 -2.15 0.00	51.88 -2.40 0.00	61.97 -3.70 0.00	54.31 -4.03 3.21	53.97 -4.05 1.10	45.11 -3.51 1.38	49.44 -4.54 6.43	55.33 -6.00 15.50	57.45 -7.18 22.51	87.98 -7.90 3.75	70.55 -6.28 2.41	65.60 -5.78 0.00	51.39 -4.66 0.00	48.67 -4.47 0.00	41.10 -3.33 0.00	38.74 -3.02 0.00
EMPIRE_CC_1 323656	37.83 -0.27 0.00	35.12 -0.06 0.00	33.58 0.07 0.00	35.51 0.26 0.00	37.01 0.18 0.00	50.21 0.22 0.00	59.61 0.20 0.00	68.96 -0.25 0.00	38.14 -0.29 0.00	53.68 -0.60 0.00	65.14 -0.53 0.00	61.27 -0.29 0.00	59.06 -0.07 0.00	50.15 0.14 0.00	60.53 0.11 0.00	77.21 0.39 0.00	87.56 0.42 0.00	99.61 -0.01 0.00	79.18 -0.06 0.00	71.34 -0.05 0.00	55.97 -0.08 0.00	53.31 0.17 0.00	44.73 0.30 0.00	42.22 0.45 0.00
EMPIRE_CC_2 323658	37.83 -0.27 0.00	35.12 -0.06 0.00	33.58 0.07 0.00	35.51 0.26 0.00	37.01 0.18 0.00	50.21 0.22 0.00	59.61 0.20 0.00	68.96 -0.25 0.00	38.14 -0.29 0.00	53.68 -0.60 0.00	65.14 -0.53 0.00	61.27 -0.29 0.00	59.06 -0.07 0.00	50.15 0.14 0.00	60.53 0.11 0.00	77.21 0.39 0.00	87.56 0.42 0.00	99.61 -0.01 0.00	79.18 -0.06 0.00	71.34 -0.05 0.00	55.97 -0.08 0.00	53.31 0.17 0.00	44.73 0.30 0.00	42.22 0.45 0.00
ENORWICH_115KV_TB1 80156	39.56 1.46 0.00	36.51 1.32 0.00	34.62 1.11 0.00	36.47 1.22 0.00	38.14 1.31 0.00	51.91 1.92 0.00	61.91 2.49 0.00	72.39 3.18 0.00	40.03 1.60 0.00	56.71 2.44 0.00	68.14 2.47 0.00	67.23 1.96 -3.72	62.66 1.74 -1.80	52.88 1.28 -1.60	69.10 1.25 -7.43	97.50 2.11 -18.56	120.18 3.20 -29.84	108.58 3.81 -5.15	85.89 3.36 -3.29	74.80 3.42 0.00	58.57 2.52 0.00	55.45 2.31 0.00	46.58 2.14 0.00	43.57 1.80 0.00
ERIE_ST__34_KV_TB1-2 80199	38.19 0.09 0.00	34.95 -0.24 0.00	33.02 -0.49 0.00	34.68 -0.57 0.00	36.12 -0.72 0.00	48.59 -1.40 0.00	57.38 -2.04 0.00	66.29 -2.93 0.00	36.74 -1.69 0.00	52.47 -1.81 0.00	62.72 -2.94 0.00	54.83 -3.24 3.49	54.54 -3.39 1.20	45.58 -2.92 1.50	49.63 -3.80 6.99	55.00 -4.99 16.84	56.76 -5.92 24.46	88.94 -6.61 4.08	71.39 -5.23 2.62	66.52 -4.86 0.00	52.06 -3.99 0.00	49.27 -3.87 0.00	41.62 -2.81 0.00	39.16 -2.61 0.00
ERIE_WT_PWR 323693	38.09 -0.01 0.00	34.85 -0.34 0.00	32.93 -0.59 0.00	34.62 -0.63 0.00	36.01 -0.83 0.00	48.47 -1.53 0.00	57.11 -2.31 0.00	65.91 -3.30 0.00	36.55 -1.88 0.00	52.18 -2.09 0.00	62.29 -3.37 0.00	54.35 -3.75 3.46	54.16 -3.80 1.16	45.17 -3.35 1.49	49.21 -4.29 6.93	54.42 -5.69 16.71	56.11 -6.73 24.30	88.29 -7.29 4.05	70.91 -5.72 2.60	66.01 -5.37 0.00	51.68 -4.37 0.00	48.93 -4.21 0.00	41.35 -3.08 0.00	38.95 -2.82 0.00
ESPRGFLD_115KV_TB1 80157	38.43 0.33 0.00	35.44 0.24 0.00	33.66 0.14 0.00	35.37 0.12 0.00	36.92 0.08 0.00	50.20 0.21 0.00	59.80 0.38 0.00	70.11 0.89 0.00	38.91 0.49 0.00	55.15 0.87 0.00	66.59 0.93 0.00	62.15 0.59 0.00	59.63 0.50 0.00	50.39 0.39 0.00	60.69 0.27 0.00	77.09 0.27 0.00	87.60 0.46 0.00	100.30 0.67 0.00	79.83 0.59 0.00	71.99 0.61 0.00	56.63 0.58 0.00	53.57 0.44 0.00	44.81 0.37 0.00	41.93 0.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.64 0.55 0.00	35.66 0.47 0.00	33.91 0.40 0.00	35.66 0.41 0.00	37.28 0.45 0.00	50.62 0.62 0.00	60.25 0.84 0.00	70.23 1.01 0.00	38.95 0.52 0.00	55.20 0.93 0.00	66.47 0.80 0.00	70.77 0.57 -8.63	64.17 0.47 -4.58	54.07 0.36 -3.71	78.10 0.41 -17.27	121.00 0.58 -43.60	160.69 0.86 -72.69	113.56 1.25 -12.69	88.30 0.96 -8.10	72.23 0.85 0.00	56.59 0.53 0.00	53.54 0.40 0.00	44.88 0.44 0.00	42.13 0.37 0.00
ETNA____115KV_TB2 80207	38.64 0.55 0.00	35.66 0.47 0.00	33.91 0.40 0.00	35.66 0.41 0.00	37.28 0.45 0.00	50.62 0.62 0.00	60.25 0.84 0.00	70.23 1.01 0.00	38.95 0.52 0.00	55.20 0.93 0.00	66.47 0.80 0.00	70.77 0.57 -8.63	64.17 0.47 -4.58	54.07 0.36 -3.71	78.10 0.41 -17.27	121.00 0.58 -43.60	160.69 0.86 -72.69	113.56 1.25 -12.69	88.30 0.96 -8.10	72.23 0.85 0.00	56.59 0.53 0.00	53.54 0.40 0.00	44.88 0.44 0.00	42.13 0.37 0.00
EUCLID__115KV_TB2 356179	37.29 -0.81 0.00	34.44 -0.75 0.00	32.80 -0.71 0.00	34.48 -0.77 0.00	36.01 -0.82 0.00	48.85 -1.14 0.00	58.08 -1.34 0.00	67.64 -1.57 0.00	37.58 -0.85 0.00	53.17 -1.11 0.00	64.15 -1.51 0.00	60.11 -1.46 0.00	57.73 -1.40 0.00	48.83 -1.18 0.00	58.91 -1.51 0.00	74.86 -1.96 0.00	84.95 -2.19 0.00	97.25 -2.37 0.00	77.24 -1.99 0.00	69.54 -1.84 0.00	54.55 -1.50 0.00	51.64 -1.49 0.00	43.28 -1.16 0.00	41.49 -1.05 -0.78
E_CANADA_CAP_HY 24051	38.07 -0.03 0.00	35.09 -0.09 0.00	33.37 -0.14 0.00	35.06 -0.19 0.00	36.57 -0.26 0.00	49.71 -0.29 0.00	59.09 -0.33 0.00	69.22 0.01 0.00	38.41 -0.02 0.00	54.33 0.05 0.00	65.77 0.11 0.00	61.33 -0.23 0.00	58.91 -0.22 0.00	49.90 -0.10 0.00	60.16 -0.25 0.00	76.41 -0.42 0.00	86.62 -0.52 0.00	99.34 -0.28 0.00	79.02 -0.22 0.00	71.22 -0.16 0.00	55.96 -0.10 0.00	53.16 0.02 0.00	44.41 -0.03 0.00	41.54 -0.22 0.00
E_CANADA_MHWK_HY 24050	40.59 2.49 0.00	37.56 2.37 0.00	35.78 2.27 0.00	37.72 2.47 0.00	39.58 2.75 0.00	53.75 3.76 0.00	63.68 4.27 0.00	73.91 4.70 0.00	40.72 2.30 0.00	57.14 2.86 0.00	69.21 3.55 0.00	64.73 3.17 0.00	62.29 3.17 0.00	52.75 2.74 0.00	64.22 3.80 0.00	81.99 5.17 0.00	93.22 6.08 0.00	107.12 7.49 0.00	85.10 5.86 0.00	76.57 5.19 0.00	60.02 3.97 0.00	57.32 4.19 0.00	48.13 3.70 0.00	45.22 3.46 0.00
E_FISHKILL__LBMP 23776	39.20 1.10 0.00	36.20 1.01 0.00	34.45 0.94 0.00	36.29 1.05 0.00	37.98 1.14 0.00	51.65 1.66 0.00	61.51 2.09 0.00	71.80 2.58 0.00	39.75 1.32 0.00	56.09 1.81 0.00	67.79 2.13 0.00	63.81 2.25 0.00	61.33 2.21 0.00	51.96 1.96 0.00	62.74 2.32 0.00	79.49 2.67 0.00	90.42 3.28 0.00	103.70 4.07 0.00	82.21 2.97 0.00	73.96 2.59 0.00	58.08 2.03 0.00	55.18 2.05 0.00	46.41 1.98 0.00	43.56 1.80 0.00
FALCON__SEABRD_CC1 323796	38.73 0.63 0.00	35.66 0.47 0.00	33.94 0.43 0.00	35.63 0.38 0.00	37.16 0.33 0.00	50.10 0.10 0.00	59.66 0.24 0.00	69.67 0.46 0.00	38.83 0.40 0.00	54.87 0.60 0.00	66.47 0.80 0.00	62.07 0.50 0.00	59.49 0.37 0.00	50.20 0.20 0.00	60.65 0.23 0.00	77.11 0.29 0.00	87.27 0.13 0.00	99.76 0.14 0.00	79.60 0.36 0.00	71.69 0.31 0.00	56.34 0.29 0.00	53.28 0.15 0.00	44.28 -0.15 0.00	41.58 -0.18 0.00
FALCON__SEABRD_CC2 323797	38.73 0.63 0.00	35.66 0.47 0.00	33.94 0.43 0.00	35.63 0.38 0.00	37.16 0.33 0.00	50.10 0.10 0.00	59.66 0.24 0.00	69.67 0.46 0.00	38.83 0.40 0.00	54.87 0.60 0.00	66.47 0.80 0.00	62.07 0.50 0.00	59.49 0.37 0.00	50.20 0.20 0.00	60.65 0.23 0.00	77.11 0.29 0.00	87.27 0.13 0.00	99.76 0.14 0.00	79.60 0.36 0.00	71.69 0.31 0.00	56.34 0.29 0.00	53.28 0.15 0.00	44.28 -0.15 0.00	41.58 -0.18 0.00

FREEPORT_EQUS_GT1 23764	39.92 1.82 0.00	36.83 1.64 0.00	35.03 1.52 0.00	36.85 1.60 0.00	38.51 1.67 0.00	52.47 2.48 0.00	62.41 2.99 0.00	72.94 3.72 0.00	40.44 2.01 0.00	56.72 2.45 0.00	68.98 3.31 0.00	69.56 3.48 -4.52	70.14 3.44 -7.57	73.02 3.04 -19.97	286.66 3.67 -222.57	318.25 4.12 -237.30	218.45 4.63 -126.67	272.87 6.07 -167.18	170.77 4.48 -87.04	113.52 3.83 -38.30	81.46 3.16 -22.25	59.46 3.12 -3.21	49.52 3.00 -2.09	85.24 2.54 -40.93
FREEPORT___CT2 23818	39.92 1.82 0.00	36.83 1.64 0.00	35.03 1.52 0.00	36.85 1.60 0.00	38.51 1.67 0.00	52.47 2.48 0.00	62.41 2.99 0.00	72.94 3.72 0.00	40.44 2.01 0.00	56.72 2.45 0.00	68.98 3.31 0.00	69.56 3.48 -4.52	70.14 3.44 -7.57	73.02 3.04 -19.97	286.66 3.67 -222.57	318.25 4.12 -237.30	218.45 4.63 -126.67	272.87 6.07 -167.18	170.77 4.48 -87.04	113.52 3.83 -38.30	81.46 3.16 -22.25	59.46 3.12 -3.21	49.52 3.00 -2.09	85.24 2.54 -40.93
FRESHKLS_33_KV_LOAD 356253	40.10 2.01 0.00	36.99 1.80 0.00	35.16 1.65 0.00	37.07 1.82 0.00	38.79 1.95 0.00	52.58 2.59 0.00	62.38 2.96 0.00	72.97 3.76 0.00	40.62 2.19 0.00	56.83 2.56 0.00	68.45 2.79 0.00	64.63 3.07 0.00	61.98 2.85 0.00	52.74 2.74 0.00	63.45 3.04 0.00	80.26 3.44 0.00	91.69 4.55 0.00	105.35 5.72 0.00	83.46 4.22 0.00	75.11 3.73 0.00	59.02 2.96 0.00	56.19 3.06 0.00	47.30 2.87 0.00	44.54 2.78 0.00
FULTON COGEN____ 23766	37.06 -1.04 0.00	34.24 -0.95 0.00	32.61 -0.90 0.00	34.28 -0.96 0.00	35.81 -1.03 0.00	48.58 -1.41 0.00	57.81 -1.61 0.00	67.32 -1.90 0.00	37.42 -1.01 0.00	52.91 -1.37 0.00	63.86 -1.80 0.00	59.88 -1.68 0.00	57.50 -1.63 0.00	48.64 -1.37 0.00	58.50 -1.92 0.00	74.30 -2.53 0.00	84.29 -2.86 0.00	96.54 -3.08 0.00	76.69 -2.55 0.00	69.03 -2.36 0.00	54.16 -1.89 0.00	51.27 -1.86 0.00	42.94 -1.50 0.00	44.33 -1.37 -3.93
FULTON___LFGE 323630	38.91 0.81 0.00	35.91 0.72 0.00	34.16 0.65 0.00	35.94 0.69 0.00	37.54 0.71 0.00	51.04 1.05 0.00	60.79 1.37 0.00	71.02 1.80 0.00	39.33 0.91 0.00	55.46 1.18 0.00	66.93 1.26 0.00	62.35 0.79 0.00	59.97 0.85 0.00	50.86 0.86 0.00	61.64 1.22 0.00	78.57 1.75 0.00	89.19 2.05 0.00	102.47 2.84 0.00	81.47 2.23 0.00	73.36 1.98 0.00	57.54 1.49 0.00	54.53 1.40 0.00	45.56 1.12 0.00	42.66 0.89 0.00
G.F.CEMENT___DRP 24184	39.36 1.26 0.00	36.35 1.16 0.00	34.76 1.25 0.00	36.73 1.49 0.00	38.63 1.79 0.00	52.48 2.49 0.00	62.50 3.08 0.00	72.13 2.92 0.00	40.04 1.61 0.00	56.43 2.16 0.00	68.67 3.00 0.00	64.83 3.27 0.00	62.42 3.30 0.00	52.69 2.68 0.00	63.63 3.22 0.00	81.11 4.28 0.00	91.97 4.83 0.00	104.71 5.08 0.00	83.10 3.87 0.00	75.01 3.63 0.00	58.52 2.47 0.00	55.59 2.46 0.00	46.64 2.20 0.00	43.73 1.96 0.00
GARDENVILLE___LBMP 24039	37.97 -0.13 0.00	34.72 -0.47 0.00	32.80 -0.71 0.00	34.50 -0.75 0.00	35.89 -0.94 0.00	48.26 -1.74 0.00	56.82 -2.60 0.00	65.57 -3.64 0.00	36.32 -2.11 0.00	51.91 -2.37 0.00	61.90 -3.77 0.00	53.47 -4.12 3.97	53.83 -4.21 1.08	44.59 -3.71 1.70	47.75 -4.73 7.93	51.41 -6.22 19.20	51.66 -7.32 28.16	86.96 -7.96 4.71	70.00 -6.22 3.02	65.56 -5.82 0.00	51.26 -4.79 0.00	48.56 -4.57 0.00	41.09 -3.35 0.00	38.71 -3.06 0.00
GARDNVLA_35_KV_LD 355827	38.20 0.10 0.00	34.94 -0.25 0.00	33.01 -0.50 0.00	34.70 -0.54 0.00	36.12 -0.71 0.00	48.61 -1.38 0.00	57.29 -2.13 0.00	66.16 -3.06 0.00	36.67 -1.75 0.00	52.42 -1.86 0.00	62.59 -3.08 0.00	54.75 -3.45 3.37	54.44 -3.51 1.17	45.46 -3.09 1.45	49.69 -3.98 6.74	55.26 -5.31 16.26	57.19 -6.35 23.60	88.89 -6.81 3.93	71.39 -5.32 2.52	66.34 -5.04 0.00	51.93 -4.12 0.00	49.15 -3.99 0.00	41.52 -2.92 0.00	39.07 -2.70 0.00
GELCKHM___115KV_LOAD 80723	37.44 -0.66 0.00	34.59 -0.60 0.00	32.93 -0.58 0.00	34.63 -0.62 0.00	36.18 -0.66 0.00	49.08 -0.91 0.00	58.36 -1.05 0.00	67.96 -1.25 0.00	37.76 -0.67 0.00	53.43 -0.85 0.00	64.48 -1.19 0.00	60.40 -1.17 0.00	57.97 -1.15 0.00	49.05 -0.95 0.00	59.19 -1.22 0.00	75.21 -1.61 0.00	85.37 -1.77 0.00	97.75 -1.87 0.00	77.65 -1.59 0.00	69.90 -1.48 0.00	54.81 -1.25 0.00	51.90 -1.23 0.00	43.48 -0.95 0.00	42.04 -0.86 -1.14
GENERAL___MILLS 23808	38.08 -0.02 0.00	34.82 -0.37 0.00	32.91 -0.60 0.00	34.60 -0.65 0.00	36.01 -0.83 0.00	48.44 -1.56 0.00	57.07 -2.34 0.00	65.86 -3.36 0.00	36.51 -1.92 0.00	52.17 -2.11 0.00	62.28 -3.38 0.00	54.35 -3.75 3.46	54.16 -3.81 1.16	45.18 -3.34 1.49	49.21 -4.28 6.93	54.45 -5.66 16.71	56.09 -6.75 24.30	88.24 -7.33 4.05	70.86 -5.78 2.60	65.99 -5.39 0.00	51.66 -4.39 0.00	48.92 -4.22 0.00	41.33 -3.11 0.00	38.92 -2.85 0.00
GE_PLASTICS___DRP 24183	38.29 0.20 0.00	35.47 0.28 0.00	33.83 0.31 0.00	35.68 0.43 0.00	37.28 0.44 0.00	50.48 0.49 0.00	59.82 0.41 0.00	69.54 0.33 0.00	38.49 0.06 0.00	54.24 -0.04 0.00	65.72 0.06 0.00	61.77 0.21 0.00	59.44 0.32 0.00	50.39 0.39 0.00	60.87 0.46 0.00	77.48 0.65 0.00	87.95 0.81 0.00	100.35 0.73 0.00	79.71 0.47 0.00	71.79 0.41 0.00	56.42 0.37 0.00	53.61 0.48 0.00	44.97 0.53 0.00	42.34 0.57 0.00
GILBOA___1 23756	38.56 0.46 0.00	35.74 0.54 0.00	34.04 0.52 0.00	35.86 0.61 0.00	37.51 0.67 0.00	50.92 0.93 0.00	60.34 0.93 0.00	70.24 1.03 0.00	38.90 0.47 0.00	54.90 0.63 0.00	66.42 0.75 0.00	62.39 0.83 0.00	59.98 0.86 0.00	50.79 0.79 0.00	61.33 0.91 0.00	77.95 1.12 0.00	88.35 1.21 0.00	100.63 1.01 0.00	79.94 0.70 0.00	72.09 0.71 0.00	56.85 0.80 0.00	53.97 0.84 0.00	45.30 0.87 0.00	42.60 0.83 0.00
GILBOA___2 23757	38.56 0.46 0.00	35.74 0.54 0.00	34.04 0.52 0.00	35.86 0.61 0.00	37.51 0.67 0.00	50.92 0.93 0.00	60.34 0.93 0.00	70.24 1.03 0.00	38.90 0.47 0.00	54.90 0.63 0.00	66.42 0.75 0.00	62.39 0.83 0.00	59.98 0.86 0.00	50.79 0.79 0.00	61.33 0.91 0.00	77.95 1.12 0.00	88.35 1.21 0.00	100.63 1.01 0.00	79.94 0.70 0.00	72.09 0.71 0.00	56.85 0.80 0.00	53.97 0.84 0.00	45.30 0.87 0.00	42.60 0.83 0.00
GILBOA___3 23758	38.56 0.46 0.00	35.74 0.54 0.00	34.04 0.52 0.00	35.86 0.61 0.00	37.51 0.67 0.00	50.92 0.93 0.00	60.34 0.93 0.00	70.24 1.03 0.00	38.90 0.47 0.00	54.90 0.63 0.00	66.42 0.75 0.00	62.39 0.83 0.00	59.98 0.86 0.00	50.79 0.79 0.00	61.33 0.91 0.00	77.95 1.12 0.00	88.35 1.21 0.00	100.63 1.01 0.00	79.94 0.70 0.00	72.09 0.71 0.00	56.85 0.80 0.00	53.97 0.84 0.00	45.30 0.87 0.00	42.60 0.83 0.00
GILBOA___4 23759	38.56 0.46 0.00	35.74 0.54 0.00	34.04 0.52 0.00	35.86 0.61 0.00	37.51 0.67 0.00	50.92 0.93 0.00	60.34 0.93 0.00	70.24 1.03 0.00	38.90 0.47 0.00	54.90 0.63 0.00	66.42 0.75 0.00	62.39 0.83 0.00	59.98 0.86 0.00	50.79 0.79 0.00	61.33 0.91 0.00	77.95 1.12 0.00	88.35 1.21 0.00	100.63 1.01 0.00	79.94 0.70 0.00	72.09 0.71 0.00	56.85 0.80 0.00	53.97 0.84 0.00	45.30 0.87 0.00	42.60 0.83 0.00

GILBOA____ 23599	38.56 0.46 0.00	35.74 0.54 0.00	34.04 0.52 0.00	35.86 0.61 0.00	37.51 0.67 0.00	50.92 0.93 0.00	60.34 0.93 0.00	70.24 1.03 0.00	38.90 0.47 0.00	54.90 0.63 0.00	66.41 0.75 0.00	62.39 0.82 0.00	59.99 0.86 0.00	50.80 0.80 0.00	61.34 0.92 0.00	77.95 1.13 0.00	88.35 1.21 0.00	100.63 1.00 0.00	79.94 0.70 0.00	72.09 0.71 0.00	56.85 0.80 0.00	53.97 0.84 0.00	45.30 0.87 0.00	42.60 0.84 0.00
GINNA____ 23603	36.28 -1.82 0.00	33.37 -1.82 0.00	31.67 -1.84 0.00	33.29 -1.96 0.00	34.76 -2.08 0.00	47.04 -2.95 0.00	55.75 -3.67 0.00	64.77 -4.44 0.00	36.02 -2.41 0.00	51.21 -3.06 0.00	61.61 -4.05 0.00	56.31 -4.12 1.13	54.69 -4.06 0.38	46.08 -3.44 0.48	53.85 -4.31 2.26	65.75 -5.64 5.43	72.99 -6.53 7.63	91.24 -7.14 1.25	72.57 -5.85 0.81	65.99 -5.39 0.00	51.67 -4.38 0.00	48.83 -4.30 0.00	40.93 -3.51 0.00	38.88 -3.26 -0.37
GLEN PARK____ 23778	38.89 0.79 0.00	35.84 0.65 0.00	34.09 0.58 0.00	35.83 0.58 0.00	37.46 0.63 0.00	50.98 0.98 0.00	60.96 1.54 0.00	71.29 2.07 0.00	39.68 1.25 0.00	56.28 2.01 0.00	67.99 2.33 0.00	63.77 2.20 0.00	61.02 1.90 0.00	51.53 1.53 0.00	61.88 1.46 0.00	78.54 1.71 0.00	89.42 2.28 0.00	103.01 3.39 0.00	81.96 2.72 0.00	73.46 2.08 0.00	57.61 1.55 0.00	54.42 1.29 0.00	45.41 0.97 0.00	44.20 0.81 -1.62
GLENDALE_27_KV_LOAD 356172	40.05 1.95 0.00	36.94 1.75 0.00	35.11 1.60 0.00	36.97 1.73 0.00	38.69 1.86 0.00	52.51 2.52 0.00	62.53 3.11 0.00	73.20 3.99 0.00	40.67 2.24 0.00	57.25 2.98 0.00	69.03 3.36 0.00	65.08 3.52 0.00	62.54 3.42 0.00	53.13 3.12 0.00	64.03 3.61 0.00	80.87 4.05 0.00	92.11 4.96 0.00	105.71 6.09 0.00	83.72 4.48 0.00	75.24 3.86 0.00	59.14 3.08 0.00	56.32 3.18 0.00	47.37 2.93 0.00	44.44 2.67 0.00
GLENWOOD_IC_1_G5 23712	39.83 1.73 0.00	36.75 1.56 0.00	34.95 1.44 0.00	36.80 1.55 0.00	38.48 1.64 0.00	52.41 2.41 0.00	62.37 2.95 0.00	72.88 3.67 0.00	40.38 1.96 0.00	56.85 2.57 0.00	68.91 3.25 0.00	70.69 3.37 -5.76	72.05 3.27 -9.66	78.37 2.89 -25.48	350.19 3.61 -286.16	386.28 4.26 -305.19	254.78 4.82 -162.82	320.67 6.05 -215.00	195.63 4.44 -111.95	124.45 3.81 -49.25	87.65 2.98 -28.61	60.19 2.96 -4.09	49.89 2.80 -2.66	96.45 2.46 -52.22
GLENWOOD_IC_2_G1 23688	39.67 1.57 0.00	36.61 1.42 0.00	34.82 1.31 0.00	36.66 1.42 0.00	38.36 1.52 0.00	52.21 2.22 0.00	62.13 2.72 0.00	72.60 3.39 0.00	40.21 1.79 0.00	56.66 2.38 0.00	68.60 2.94 0.00	64.87 3.06 -0.25	62.53 2.99 -0.41	53.73 2.64 -1.09	75.90 3.25 -12.23	93.64 3.78 -13.04	98.46 4.36 -6.95	114.30 5.49 -9.19	88.04 4.02 -4.78	76.94 3.46 -2.10	59.99 2.72 -1.22	56.02 2.71 -0.17	47.14 2.59 -0.11	46.29 2.30 -2.23
GLENWOOD_IC_3_G1 23689	39.67 1.57 0.00	36.61 1.42 0.00	34.82 1.31 0.00	36.66 1.42 0.00	38.36 1.52 0.00	52.21 2.22 0.00	62.13 2.72 0.00	72.60 3.39 0.00	40.21 1.79 0.00	56.66 2.38 0.00	68.60 2.94 0.00	64.87 3.06 -0.25	62.53 2.99 -0.41	53.73 2.64 -1.09	75.90 3.25 -12.23	93.64 3.78 -13.04	98.46 4.36 -6.95	114.30 5.49 -9.19	88.04 4.02 -4.78	76.94 3.46 -2.10	59.99 2.72 -1.22	56.02 2.71 -0.17	47.14 2.59 -0.11	46.29 2.30 -2.23
GLENWOOD____4 23550	39.83 1.73 0.00	36.75 1.56 0.00	34.95 1.44 0.00	36.80 1.55 0.00	38.48 1.64 0.00	52.41 2.41 0.00	62.37 2.95 0.00	72.88 3.67 0.00	40.38 1.96 0.00	56.85 2.57 0.00	68.91 3.25 0.00	70.69 3.37 -5.76	72.05 3.27 -9.66	78.37 2.89 -25.48	350.19 3.61 -286.16	386.28 4.26 -305.19	254.78 4.82 -162.82	320.67 6.05 -215.00	195.63 4.44 -111.95	124.45 3.81 -49.25	87.65 2.98 -28.61	60.19 2.96 -4.09	49.89 2.80 -2.66	96.45 2.46 -52.22
GLENWOOD____5 23614	39.83 1.73 0.00	36.75 1.56 0.00	34.95 1.44 0.00	36.80 1.55 0.00	38.48 1.64 0.00	52.41 2.41 0.00	62.37 2.95 0.00	72.88 3.67 0.00	40.38 1.96 0.00	56.85 2.57 0.00	68.91 3.25 0.00	70.69 3.37 -5.76	72.05 3.27 -9.66	78.37 2.89 -25.48	350.19 3.61 -286.16	386.28 4.26 -305.19	254.78 4.82 -162.82	320.67 6.05 -215.00	195.63 4.44 -111.95	124.45 3.81 -49.25	87.65 2.98 -28.61	60.19 2.96 -4.09	49.89 2.80 -2.66	96.45 2.46 -52.22
GLOBAL GREEN_PORT_GT1 23814	39.03 0.93 0.00	36.06 0.87 0.00	34.27 0.76 0.00	36.05 0.81 0.00	37.73 0.89 0.00	52.18 1.67 -0.52	65.66 2.53 -3.71	85.00 3.34 -12.45	45.14 1.35 -5.36	63.29 1.22 -7.79	70.19 1.66 -2.87	69.46 1.89 -6.01	69.42 2.06 -8.24	69.30 2.17 -17.13	251.33 2.82 -188.09	284.29 3.28 -204.19	208.49 3.57 -117.78	256.40 5.52 -151.25	173.60 4.25 -90.11	118.57 3.48 -43.70	87.88 2.64 -29.19	66.07 2.51 -10.43	55.40 2.44 -8.52	84.49 1.81 -40.92
GLOBE____DSASP 323697	37.13 -0.97 0.00	33.98 -1.21 0.00	32.11 -1.40 0.00	33.79 -1.46 0.00	35.14 -1.69 0.00	47.15 -2.85 0.00	55.23 -4.19 0.00	63.50 -5.71 0.00	35.18 -3.25 0.00	50.46 -3.82 0.00	60.45 -5.21 0.00	53.15 -5.48 2.94	52.72 -5.40 1.00	44.17 -4.57 1.26	48.55 -6.00 5.87	54.49 -8.17 14.16	56.46 -10.11 20.57	85.12 -11.08 3.43	68.13 -8.90 2.20	63.37 -8.01 0.00	49.68 -6.37 0.00	47.11 -6.02 0.00	39.80 -4.64 0.00	37.79 -3.97 0.00
GOETHSLN____LBMP 323567	39.65 1.55 0.00	36.59 1.40 0.00	34.80 1.29 0.00	36.64 1.40 0.00	38.35 1.51 0.00	52.11 2.12 0.00	62.12 2.70 0.00	72.64 3.42 0.00	40.25 1.82 0.00	56.76 2.48 0.00	68.47 2.81 0.00	64.50 2.94 0.00	61.96 2.84 0.00	52.53 2.52 0.00	63.41 3.00 0.00	80.16 3.34 0.00	91.34 4.20 0.00	104.92 5.29 0.00	83.07 3.83 0.00	74.68 3.30 0.00	58.65 2.60 0.00	55.76 2.63 0.00	46.93 2.50 0.00	44.07 2.30 0.00
GOLAH____69_KV_TB 1_2 80279	38.66 0.56 0.00	35.51 0.33 0.00	33.70 0.19 0.00	35.40 0.16 0.00	36.91 0.08 0.00	49.83 -0.17 0.00	58.78 -0.64 0.00	68.06 -1.16 0.00	37.84 -0.59 0.00	53.92 -0.36 0.00	64.69 -0.97 0.00	58.42 -1.34 1.81	57.05 -1.41 0.67	48.01 -1.22 0.78	55.08 -1.72 3.61	65.65 -2.43 8.74	71.64 -2.85 12.64	94.56 -2.97 2.10	75.38 -2.50 1.36	69.01 -2.37 0.00	54.01 -2.04 0.00	51.08 -2.05 0.00	42.93 -1.51 0.00	40.38 -1.38 0.00
GOODYEAR_LAKE_HYD 323669	38.93 0.83 0.00	35.95 0.76 0.00	34.18 0.68 0.00	35.96 0.71 0.00	37.58 0.75 0.00	51.09 1.10 0.00	60.79 1.38 0.00	71.08 1.87 0.00	39.41 0.99 0.00	55.81 1.53 0.00	67.39 1.73 0.00	63.08 1.52 0.00	60.55 1.42 0.00	51.17 1.16 0.00	61.72 1.30 0.00	78.43 1.60 0.00	89.15 2.01 0.00	101.96 2.33 0.00	81.08 1.85 0.00	73.11 1.73 0.00	57.49 1.44 0.00	54.40 1.27 0.00	45.58 1.14 0.00	42.74 0.98 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.19 0.09 0.00	35.24 0.05 0.00	33.50 -0.01 0.00	35.22 -0.03 0.00	36.83 -0.01 0.00	49.92 -0.07 0.00	59.41 -0.01 0.00	69.09 -0.12 0.00	38.22 -0.21 0.00	54.17 -0.11 0.00	65.25 -0.42 0.00	60.37 -0.47 0.73	57.85 -0.47 0.80	49.23 -0.46 0.31	58.35 -0.61 1.45	71.84 -0.85 4.13	76.86 -0.91 9.38	97.01 -0.84 1.77	77.41 -0.70 1.13	70.80 -0.58 0.00	55.58 -0.47 0.00	52.65 -0.49 0.00	44.23 -0.21 0.00	41.54 -0.22 0.00

GOUDEY___7 23579	38.19 0.09 0.00	35.24 0.05 0.00	33.50 -0.01 0.00	35.22 -0.03 0.00	36.83 -0.01 0.00	49.92 -0.07 0.00	59.41 -0.01 0.00	69.09 -0.12 0.00	38.22 -0.21 0.00	54.17 -0.11 0.00	65.25 -0.42 0.00	60.37 -0.47 0.73	57.85 -0.47 0.80	49.23 -0.46 0.31	58.35 -0.61 1.45	71.84 -0.85 4.13	76.86 -0.91 9.38	97.01 -0.84 1.77	77.41 -0.70 1.13	70.80 -0.58 0.00	55.58 -0.47 0.00	52.65 -0.49 0.00	44.23 -0.21 0.00	41.54 -0.22 0.00
GOUDEY___8 23580	38.19 0.09 0.00	35.24 0.05 0.00	33.50 -0.01 0.00	35.22 -0.03 0.00	36.83 -0.01 0.00	49.92 -0.07 0.00	59.41 -0.01 0.00	69.09 -0.12 0.00	38.22 -0.21 0.00	54.17 -0.11 0.00	65.25 -0.42 0.00	60.37 -0.47 0.73	57.85 -0.47 0.80	49.23 -0.46 0.31	58.35 -0.61 1.45	71.84 -0.85 4.13	76.86 -0.91 9.38	97.01 -0.84 1.77	77.41 -0.70 1.13	70.80 -0.58 0.00	55.58 -0.47 0.00	52.65 -0.49 0.00	44.23 -0.21 0.00	41.54 -0.22 0.00
GOWANUS_GT1_1 24077	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GOWANUS_GT1_2 24078	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GOWANUS_GT1_3 24079	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GOWANUS_GT1_4 24080	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GOWANUS_GT1_5 24084	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GOWANUS_GT1_6 24111	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.																

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GOWANUS_GT4_5 24134	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GOWANUS_GT4_6 24135	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GOWANUS_GT4_7 24136	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GOWANUS_GT4_8 24137	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GREATVRV_69_KV_BK1 356245	40.30 2.21 0.00	37.16 1.97 0.00	35.38 1.87 0.00	37.21 1.96 0.00	38.85 2.01 0.00	53.37 3.00 -0.38	65.84 3.68 -2.74	83.11 4.70 -9.19	44.96 2.57 -3.96	63.21 3.18 -5.75	71.88 4.09 -2.12	71.22 4.21 -5.45	71.15 4.25 -7.78	70.84 3.72 -17.12	253.98 4.54 -189.02	286.62 5.55 -204.24	208.94 6.30 -115.50	257.13 8.15 -149.35	171.52 6.13 -86.15	117.55 5.27 -40.90	86.77 4.15 -26.57	65.58 4.02 -8.42	54.95 3.75 -6.76	84.33 3.19 -39.38
GREENBSH_115KV_TB3 55895	38.14 0.04 0.00	35.34 0.15 0.00	33.73 0.21 0.00	35.59 0.34 0.00	37.17 0.33 0.00	50.26 0.26 0.00	59.46 0.04 0.00	69.05 -0.16 0.00	38.20 -0.22 0.00	53.84 -0.44 0.00	65.28 -0.39 0.00	61.38 -0.19 0.00	59.09 -0.03 0.00	50.11 0.11 0.00	60.54 0.12 0.00	77.13 0.30 0.00	87.56 0.42 0.00	99.85 0.23 0.00	79.31 0.07 0.00	71.45 0.07 0.00	56.13 0.08 0.00	53.37 0.23 0.00	44.76 0.32 0.00	42.17 0.41 0.00
GREENDGE_115KV_TB5 80291	38.43 0.33 0.00	35.15 -0.04 0.00	33.23 -0.28 0.00	34.90 -0.34 0.00	36.58 -0.25 0.00	49.46 -0.53 0.00	58.67 -0.74 0.00	67.82 -1.39 0.00	37.62 -0.81 0.00	53.14 -1.13 0.00	63.17 -2.49 0.00	46.29 -2.81 12.46	49.45 -2.92 6.76	41.84 -2.82 5.35	32.19 -3.30 24.93	11.00 -4.16 61.66	-13.99 -4.39 96.74	79.81 -3.24 16.57	66.55 -2.11 10.58	69.27 -2.11 0.00	54.09 -1.96 0.00	51.17 -1.97 0.00	43.16 -1.27 0.00	40.40 -1.36 0.00
GREENIDGE___3 23582	38.43 0.33 0.00	35.15 -0.04 0.00	33.23 -0.28 0.00	34.90 -0.34 0.00	36.58 -0.25 0.00	49.46 -0.53 0.00	58.67 -0.74 0.00	67.82 -1.39 0.00	37.62 -0.81 0.00	53.14 -1.13 0.00	63.17 -2.49 0.00	46.29 -2.81 12.46	49.45 -2.92 6.76	41.84 -2.82 5.35	32.19 -3.30 24.93	11.00 -4.16 61.66	-13.99 -4.39 96.74	79.81 -3.24 16.57	66.55 -2.11 10.58	69.27 -2.11 0.00	54.09 -1.96 0.00	51.17 -1.97 0.00	43.16 -1.27 0.00	40.40 -1.36 0.00
GREENIDGE___4 23583	38.43 0.33 0.00	35.15 -0.04 0.00	33.23 -0.28 0.00	34.90 -0.34 0.00	36.59 -0.25 0.00	49.46 -0.53 0.00	58.67 -0.74 0.00	67.81 -1.40 0.00	37.62 -0.81 0.00	53.13 -1.14 0.00	63.18 -2.48 0.00	46.28 -2.82 12.46	49.44 -2.92 6.76	41.78 -2.87 5.35	32.09 -3.40 24.93	10.84 -4.33 61.66	-14.08 -4.48 96.74	79.80 -3.25 16.57	66.54 -2.12 10.58	69.27 -2.11 0.00	54.09 -1.96 0.00	51.17 -1.96 0.00	43.15 -1.28 0.00	40.40 -1.37 0.00
GREENLWN_69_KV_BK 3 55738	39.54 1.44 0.00	36.48 1.29 0.00	34.72 1.21 0.00	36.52 1.27 0.00	38.10 1.26 0.00	51.53 1.99 0.45	58.51 2.34 3.24	61.17 2.82 10.87	35.24 1.50 4.68	49.19 1.72 6.81	65.57 2.42 2.51	65.20 2.61 -1.03	65.05 2.60 -3.32	65.13 2.34 -12.78	211.36 3.05 -147.89	235.04 3.60 -154.61	165.67 3.79 -74.74	207.10 5.02 -102.46	126.34 3.66 -43.44	90.05 3.09 -15.57	64.21 2.43 -5.72	50.93 2.45 4.66	42.34 2.45 4.54	64.96 2.07 -21.12
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00
GRISSOM___SOLAR 323813	39.07 0.97 0.00	36.06 0.87 0.00	34.32 0.81 0.00	36.11 0.87 0.00	37.76 0.92 0.00	51.32 1.33 0.00	61.10 1.69 0.00	71.35 2.13 0.00	39.49 1.06 0.00	55.62 1.34 0.00	67.04 1.38 0.00	62.46 0.89 0.00	60.11 0.99 0.00	51.00 1.00 0.00	61.92 1.51 0.00	79.00 2.18 0.00	89.64 2.50 0.00	102.99 3.37 0.00	81.86 2.62 0.00	73.71 2.33 0.00	57.81 1.75 0.00	54.78 1.64 0.00	45.78 1.34 0.00	42.91 1.14 0.00
GROVEVILLE___HYD 323602	39.73 1.63 0.00	36.69 1.50 0.00	34.89 1.38 0.00	36.76 1.51 0.00	38.47 1.64 0.00	52.36 2.36 0.00	62.43 3.02 0.00	72.86 3.64 0.00	40.31 1.88 0.00	56.90 2.63 0.00	68.75 3.09 0.00	64.72 3.16 0.00	62.23 3.11 0.00	52.71 2.71 0.00	63.69 3.27 0.00	80.71 3.89 0.00	91.88 4.74 0.00	105.46 5.84 0.00	83.60 4.36 0.00	75.21 3.83 0.00	59.04 2.98 0.00	56.01 2.87 0.00	47.05 2.61 0.00	44.13 2.36 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.69 -0.41 0.00	34.81 -0.38 0.00	33.15 -0.36 0.00	34.85 -0.40 0.00	36.42 -0.42 0.00	49.43 -0.56 0.00	58.81 -0.61 0.00	68.47 -0.74 0.00	38.04 -0.39 0.00	53.84 -0.43 0.00	64.97 -0.70 0.00	60.85 -0.71 0.00	58.65 -0.74 -0.26	49.41 -0.60 0.00	59.64 -0.78 0.00	76.27 -1.03 -0.48	89.26 -1.11 -3.23	99.24 -1.08 -0.69	78.72 -0.96 -0.44	70.48 -0.91 0.00	55.24 -0.81 0.00	52.29 -0.84 0.00	43.80 -0.64 0.00	42.81 -0.58 -1.62
HAMLTNNY_34_KV_TB 80303	37.89 -0.21 0.00	34.97 -0.22 0.00	33.30 -0.22 0.00	35.00 -0.25 0.00	36.58 -0.25 0.00	49.64 -0.35 0.00	59.06 -0.36 0.00	68.71 -0.50 0.00	38.16 -0.27 0.00	54.06 -0.21 0.00	65.21 -0.45 0.00	61.01 -0.55 0.00	58.74 -0.64 -0.25	49.51 -0.50 0.00	59.78 -0.64 0.00	75.96 -0.86 0.00	86.21 -0.93 0.00	98.76 -0.86 0.00	78.46 -0.78 0.00	70.62 -0.76 0.00	55.31 -0.74 0.00	52.36 -0.77 0.00	43.89 -0.55 0.00	42.86 -0.50 -1.59

HAMPSHIRE___PAPER_HYD 323593	38.93 0.83 0.00	35.86 0.67 0.00	34.12 0.61 0.00	35.85 0.60 0.00	37.45 0.62 0.00	50.93 0.94 0.00	60.68 1.26 0.00	70.90 1.68 0.00	39.46 1.03 0.00	55.85 1.58 0.00	67.73 2.07 0.00	63.37 1.81 0.00	60.72 1.59 0.00	51.29 1.28 0.00	61.61 1.20 0.00	77.76 0.94 0.00	87.93 0.79 0.00	100.82 1.19 0.00	80.32 1.08 0.00	72.40 1.02 0.00	57.16 1.11 0.00	54.26 1.12 0.00	45.21 0.77 0.00	43.01 0.64 -0.61
HARDSCRABBLE_WT_PWR 323673	40.00 1.90 0.00	37.01 1.82 0.00	35.25 1.74 0.00	37.14 1.89 0.00	38.95 2.11 0.00	52.90 2.91 0.00	62.72 3.30 0.00	72.88 3.66 0.00	40.21 1.78 0.00	56.48 2.21 0.00	68.38 2.72 0.00	63.96 2.39 0.00	61.53 2.41 0.00	52.07 2.07 0.00	63.29 2.87 0.00	80.75 3.93 0.00	91.78 4.64 0.00	105.36 5.73 0.00	83.71 4.48 0.00	75.36 3.98 0.00	59.12 3.07 0.00	56.42 3.28 0.00	47.37 2.93 0.00	44.50 2.73 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.53 1.43 0.00	36.49 1.30 0.00	34.71 1.20 0.00	36.56 1.32 0.00	38.29 1.45 0.00	52.10 2.11 0.00	62.13 2.72 0.00	72.51 3.30 0.00	40.11 1.68 0.00	56.67 2.39 0.00	68.50 2.84 0.00	64.42 2.86 0.00	61.88 2.76 0.00	52.36 2.36 0.00	63.20 2.79 0.00	80.14 3.32 0.00	91.34 4.20 0.00	104.89 5.27 0.00	83.14 3.90 0.00	74.82 3.43 0.00	58.71 2.66 0.00	55.71 2.57 0.00	46.84 2.40 0.00	43.96 2.19 0.00
HARSNRAD_115KV_TB1 81005	37.87 -0.23 0.00	34.67 -0.52 0.00	32.76 -0.75 0.00	34.47 -0.78 0.00	35.87 -0.97 0.00	48.04 -1.95 0.00	56.20 -3.21 0.00	64.81 -4.40 0.00	36.03 -2.40 0.00	51.56 -2.71 0.00	61.52 -4.14 0.00	54.24 -4.42 2.91	53.70 -4.47 0.96	44.95 -3.80 1.25	49.73 -4.87 5.82	56.43 -6.34 14.06	59.03 -7.65 20.46	87.60 -8.62 3.41	70.09 -6.96 2.19	64.98 -6.40 0.00	50.88 -5.17 0.00	48.24 -4.90 0.00	40.78 -3.65 0.00	38.54 -3.22 0.00
HARZA MOOSE___RIVER 24016	39.03 0.93 0.00	36.04 0.85 0.00	34.31 0.80 0.00	36.07 0.82 0.00	37.72 0.88 0.00	51.33 1.33 0.00	61.22 1.80 0.00	71.45 2.24 0.00	39.69 1.26 0.00	56.18 1.90 0.00	67.90 2.23 0.00	63.59 2.03 0.00	60.96 1.84 0.00	51.51 1.51 0.00	61.90 1.49 0.00	78.51 1.69 0.00	89.38 2.24 0.00	102.57 2.95 0.00	81.52 2.28 0.00	73.27 1.89 0.00	57.54 1.49 0.00	54.45 1.31 0.00	45.53 1.10 0.00	43.18 1.00 -0.42
HDSNBRDG_115KV_BRDG_TB1 355580	37.40 -0.70 0.00	34.55 -0.64 0.00	32.90 -0.61 0.00	34.58 -0.67 0.00	36.13 -0.71 0.00	49.03 -0.96 0.00	58.31 -1.11 0.00	67.94 -1.27 0.00	37.73 -0.69 0.00	53.40 -0.88 0.00	64.42 -1.24 0.00	60.35 -1.21 0.00	57.96 -1.17 0.00	49.02 -0.98 0.00	59.15 -1.26 0.00	75.18 -1.64 0.00	85.34 -1.80 0.00	97.72 -1.90 0.00	77.61 -1.63 0.00	69.85 -1.53 0.00	54.79 -1.26 0.00	51.86 -1.27 0.00	43.44 -0.99 0.00	40.87 -0.89 0.00
HELLGATE_13_KV_LD 55870	40.15 2.05 0.00	37.02 1.83 0.00	35.19 1.68 0.00	37.06 1.81 0.00	38.77 1.94 0.00	52.62 2.63 0.00	62.68 3.26 0.00	73.39 4.18 0.00	40.77 2.35 0.00	57.39 3.12 0.00	69.19 3.53 0.00	65.26 3.70 0.00	62.69 3.57 0.00	53.28 3.28 0.00	64.18 3.77 0.00	81.05 4.22 0.00	92.28 5.15 0.00	105.99 6.37 0.00	83.93 4.69 0.00	75.40 4.02 0.00	59.28 3.23 0.00	56.43 3.30 0.00	47.47 3.03 0.00	44.53 2.77 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.15 2.05 0.00	37.02 1.83 0.00	35.19 1.68 0.00	37.06 1.81 0.00	38.77 1.94 0.00	52.62 2.63 0.00	62.68 3.26 0.00	73.39 4.18 0.00	40.77 2.35 0.00	57.39 3.12 0.00	69.19 3.53 0.00	65.26 3.70 0.00	62.69 3.57 0.00	53.28 3.28 0.00	64.18 3.77 0.00	81.05 4.22 0.00	92.28 5.15 0.00	105.99 6.37 0.00	83.93 4.69 0.00	75.40 4.02 0.00	59.28 3.23 0.00	56.43 3.30 0.00	47.47 3.03 0.00	44.53 2.77 0.00
HEMPSTEAD____ 23647	39.65 1.55 0.00	36.59 1.40 0.00	34.79 1.28 0.00	36.62 1.38 0.00	38.28 1.45 0.00	52.15 2.16 0.00	62.05 2.63 0.00	72.49 3.28 0.00	40.18 1.76 0.00	56.48 2.20 0.00	68.57 2.90 0.00	69.61 3.06 -4.99	70.51 3.03 -8.36	74.74 2.69 -22.05	311.03 3.42 -247.20	344.42 3.98 -263.62	232.15 4.35 -140.66	290.91 5.57 -185.71	180.00 4.06 -96.70	117.37 3.45 -42.54	83.51 2.74 -24.71	59.40 2.73 -3.54	49.38 2.64 -2.30	89.21 2.25 -45.20
HICKLING___1 23621	37.71 -0.39 0.00	34.52 -0.67 0.00	32.62 -0.90 0.00	34.23 -1.02 0.00	35.84 -0.99 0.00	48.49 -1.51 0.00	57.93 -1.49 0.00	66.88 -2.33 0.00	36.64 -1.79 0.00	52.26 -2.02 0.00	62.27 -3.39 0.00	48.54 -3.68 9.35	50.59 -3.66 4.88	42.50 -3.49 4.01	37.47 -4.25 18.70	25.47 -5.59 45.76	11.35 -6.41 69.38	81.60 -6.27 11.75	67.11 -4.63 7.51	67.16 -4.22 0.00	52.54 -3.52 0.00	49.73 -3.40 0.00	42.04 -2.39 0.00	39.41 -2.35 0.00
HICKLING___2 23622	37.71 -0.39 0.00	34.52 -0.67 0.00	32.62 -0.90 0.00	34.23 -1.02 0.00	35.84 -0.99 0.00	48.49 -1.51 0.00	57.93 -1.49 0.00	66.88 -2.33 0.00	36.64 -1.79 0.00	52.26 -2.02 0.00	62.27 -3.39 0.00	48.54 -3.68 9.35	50.59 -3.66 4.88	42.50 -3.49 4.01	37.47 -4.25 18.70	25.47 -5.59 45.76	11.35 -6.41 69.38	81.60 -6.27 11.75	67.11 -4.63 7.51	67.16 -4.22 0.00	52.54 -3.52 0.00	49.73 -3.40 0.00	42.04 -2.39 0.00	39.41 -2.35 0.00
HIGH FALLS___HY 23754	39.82 1.73 0.00	36.74 1.56 0.00	34.93 1.42 0.00	36.78 1.53 0.00	38.51 1.68 0.00	52.49 2.50 0.00	62.67 3.25 0.00	73.22 4.01 0.00	40.45 2.02 0.00	57.23 2.96 0.00	68.77 3.11 0.00	64.80 3.24 0.00	62.32 3.20 0.00	52.72 2.72 0.00	63.75 3.33 0.00	80.69 3.87 0.00	92.14 5.00 0.00	105.93 6.30 0.00	84.01 4.77 0.00	75.57 4.19 0.00	59.30 3.25 0.00	56.20 3.07 0.00	47.19 2.75 0.00	44.24 2.47 0.00
HIGH_RIVER___SOLAR 323847	38.90 0.80 0.00	35.91 0.73 0.00	34.19 0.68 0.00	35.99 0.74 0.00	37.62 0.78 0.00	51.12 1.13 0.00	60.88 1.47 0.00	70.99 1.77 0.00	39.23 0.80 0.00	55.16 0.88 0.00	66.52 0.86 0.00	62.22 0.66 0.00	59.67 0.54 0.00	50.62 0.62 0.00	61.28 0.87 0.00	78.52 1.69 0.00	89.30 2.16 0.00	102.51 2.88 0.00	81.48 2.24 0.00	73.37 1.99 0.00	57.55 1.49 0.00	54.54 1.40 0.00	45.60 1.16 0.00	42.74 0.97 0.00
HILLBURN___GT 23639	39.37 1.27 0.00	36.35 1.16 0.00	34.58 1.06 0.00	36.43 1.19 0.00	38.16 1.33 0.00	51.93 1.94 0.00	61.91 2.49 0.00	72.32 3.10 0.00	40.00 1.57 0.00	56.51 2.24 0.00	68.27 2.61 0.00	64.18 2.62 0.00	61.64 2.52 0.00	52.15 2.14 0.00	62.93 2.51 0.00	79.74 2.92 0.00	90.92 3.78 0.00	104.42 4.79 0.00	82.73 3.49 0.00	74.46 3.08 0.00	58.44 2.38 0.00	55.47 2.33 0.00	46.69 2.25 0.00	43.85 2.08 0.00
HILLSIDE_115KV_TB1 80332	37.04 -1.06 0.00	33.95 -1.24 0.00	32.12 -1.39 0.00	33.69 -1.56 0.00	35.28 -1.55 0.00	47.68 -2.32 0.00	57.03 -2.39 0.00	65.80 -3.41 0.00	36.01 -2.41 0.00	51.40 -2.87 0.00	61.28 -4.38 0.00	48.19 -4.52 8.85	50.18 -4.42 4.52	42.10 -4.10 3.80	37.70 -5.01 17.71	26.97 -6.61 43.25	14.39 -7.59 65.16	80.88 -7.73 11.01	66.38 -5.82 7.03	66.19 -5.19 0.00	51.84 -4.21 0.00	49.12 -4.01 0.00	41.53 -2.91 0.00	38.93 -2.84 0.00

HISHELDN_WT_PWR 323625	37.68 -0.42 0.00	34.41 -0.78 0.00	32.49 -1.03 0.00	34.19 -1.06 0.00	35.61 -1.22 0.00	47.93 -2.06 0.00	56.52 -2.90 0.00	65.20 -4.01 0.00	36.03 -2.40 0.00	51.41 -2.87 0.00	61.16 -4.50 0.00	51.86 -4.94 4.77	49.78 -5.03 4.31	43.35 -4.61 2.05	45.07 -5.81 9.54	46.13 -7.55 23.15	44.35 -8.58 34.22	84.97 -8.92 5.74	68.87 -6.69 3.68	64.98 -6.40 0.00	50.60 -5.45 0.00	48.00 -5.14 0.00	40.69 -3.75 0.00	38.31 -3.46 0.00
HOLTSVILLE_IC_1 23690	39.50 1.40 0.00	36.47 1.28 0.00	34.72 1.21 0.00	36.52 1.27 0.00	38.12 1.28 0.00	52.55 2.01 -0.55	65.64 2.30 -3.93	85.31 2.93 -13.17	45.62 1.51 -5.67	64.20 1.67 -8.24	70.99 2.28 -3.04	70.24 2.53 -6.15	70.09 2.59 -8.38	69.64 2.40 -17.23	252.39 2.93 -189.04	285.64 3.41 -205.41	209.85 3.77 -118.94	257.42 5.25 -152.54	174.58 3.91 -91.43	119.16 3.26 -44.52	88.53 2.60 -29.88	66.65 2.62 -10.90	56.06 2.70 -8.92	85.45 2.21 -41.47
HOLTSVILLE_IC_10 23699	39.69 1.59 0.00	36.63 1.44 0.00	34.87 1.36 0.00	36.68 1.43 0.00	38.29 1.45 0.00	52.67 2.23 -0.44	65.20 2.59 -3.19	83.21 3.30 -10.70	44.77 1.73 -4.61	62.93 1.95 -6.70	70.74 2.60 -2.47	70.05 2.83 -5.66	69.92 2.90 -7.90	69.55 2.65 -16.89	249.61 3.05 -186.14	282.05 3.61 -201.61	206.57 4.27 -115.17	253.98 5.96 -148.40	170.74 4.48 -87.03	116.91 3.75 -41.77	86.53 2.94 -27.54	65.39 2.94 -9.32	54.96 2.97 -7.55	83.83 2.44 -39.63
HOLTSVILLE_IC_2 23691	39.50 1.40 0.00	36.47 1.28 0.00	34.72 1.21 0.00	36.52 1.27 0.00	38.12 1.28 0.00	52.55 2.01 -0.55	65.64 2.30 -3.93	85.31 2.93 -13.17	45.62 1.51 -5.67	64.20 1.67 -8.24	70.99 2.28 -3.04	70.24 2.53 -6.15	70.09 2.59 -8.38	69.64 2.40 -17.23	252.39 2.93 -189.04	285.64 3.41 -205.41	209.85 3.77 -118.94	257.42 5.25 -152.54	174.58 3.91 -91.43	119.16 3.26 -44.52	88.53 2.60 -29.88	66.65 2.62 -10.90	56.06 2.70 -8.92	85.45 2.21 -41.47
HOLTSVILLE_IC_3 23692	39.50 1.40 0.00	36.47 1.28 0.00	34.72 1.21 0.00	36.52 1.27 0.00	38.12 1.28 0.00	52.55 2.01 -0.55	65.64 2.30 -3.93	85.31 2.93 -13.17	45.62 1.51 -5.67	64.20 1.67 -8.24	70.99 2.28 -3.04	70.24 2.53 -6.15	70.09 2.59 -8.38	69.64 2.40 -17.23	252.39 2.93 -189.04	285.64 3.41 -205.41	209.85 3.77 -118.94	257.42 5.25 -152.54	174.58 3.91 -91.43	119.16 3.26 -44.52	88.53 2.60 -29.88	66.65 2.62 -10.90	56.06 2.70 -8.92	85.45 2.21 -41.47
HOLTSVILLE_IC_4 23693	39.50 1.40 0.00	36.47 1.28 0.00	34.72 1.21 0.00	36.52 1.27 0.00	38.12 1.28 0.00	52.55 2.01 -0.55	65.64 2.30 -3.93	85.31 2.93 -13.17	45.62 1.51 -5.67	64.20 1.67 -8.24	70.99 2.28 -3.04	70.24 2.53 -6.15	70.09 2.59 -8.38	69.64 2.40 -17.23	252.39 2.93 -189.04	285.64 3.41 -205.41	209.85 3.77 -118.94	257.42 5.25 -152.54	174.58 3.91 -91.43	119.16 3.26 -44.52	88.53 2.60 -29.88	66.65 2.62 -10.90	56.06 2.70 -8.92	85.45 2.21 -41.47
HOLTSVILLE_IC_5 23694	39.50 1.40 0.00	36.47 1.28 0.00	34.72 1.21 0.00	36.52 1.27 0.00	38.12 1.28 0.00	52.55 2.01 -0.55	65.64 2.30 -3.93	85.31 2.93 -13.17	45.62 1.51 -5.67	64.20 1.67 -8.24	70.99 2.28 -3.04	70.24 2.53 -6.15	70.09 2.59 -8.38	69.64 2.40 -17.23	252.39 2.93 -189.04	285.64 3.41 -205.41	209.85 3.77 -118.94	257.42 5.25 -152.54	174.58 3.91 -91.43	119.16 3.26 -44.52	88.53 2.60 -29.88	66.65 2.62 -10.90	56.06 2.70 -8.92	85.45 2.21 -41.47
HOLTSVILLE_IC_6 23695	39.69 1.59 0.00	36.63 1.44 0.00	34.87 1.36 0.00	36.68 1.43 0.00	38.29 1.45 0.00	52.67 2.23 -0.44	65.20 2.59 -3.19	83.21 3.30 -10.70	44.77 1.73 -4.61	62.93 1.95 -6.70	70.74 2.60 -2.47	70.05 2.83 -5.66	69.92 2.90 -7.90	69.55 2.65 -16.89	249.61 3.05 -186.14	282.05 3.61 -201.61	206.57 4.27 -115.17	253.98 5.96 -148.40	170.74 4.48 -87.03	116.91 3.75 -41.77	86.53 2.94 -27.54	65.39 2.94 -9.32	54.96 2.97 -7.55	83.83 2.44 -39.63
HOLTSVILLE_IC_7 23696	39.69 1.59 0.00	36.63 1.44 0.00	34.87 1.36 0.00	36.68 1.43 0.00	38.29 1.45 0.00	52.67 2.23 -0.44	65.20 2.59 -3.19	83.21 3.30 -10.70	44.77 1.73 -4.61	62.93 1.95 -6.70	70.74 2.60 -2.47	70.05 2.83 -5.66	69.92 2.90 -7.90	69.55 2.65 -16.89	249.61 3.05 -186.14	282.05 3.61 -201.61	206.57 4.27 -115.17	253.98 5.96 -148.40	170.74 4.48 -87.03	116.91 3.75 -41.77	86.53 2.94 -27.54	65.39 2.94 -9.32	54.96 2.97 -7.55	83.83 2.44 -39.63
HOLTSVILLE_IC_8 23697	39.69 1.59 0.00	36.63 1.44 0.00	34.87 1.36 0.00	36.68 1.43 0.00	38.29 1.45 0.00	52.67 2.23 -0.44	65.20 2.59 -3.19	83.21 3.30 -10.70	44.77 1.73 -4.61	62.93 1.95 -6.70	70.74 2.60 -2.47	70.05 2.83 -5.66	69.92 2.90 -7.90	69.55 2.65 -16.89	249.61 3.05 -186.14	282.05 3.61 -201.61	206.57 4.27 -115.17	253.98 5.96 -148.40	170.74 4.48 -87.03	116.91 3.75 -41.77	86.53 2.94 -27.54	65.39 2.94 -9.32	54.96 2.97 -7.55	83.83 2.44 -39.63
HOLTSVILLE_IC_9 23698	39.69 1.59 0.00	36.63 1.44 0.00	34.87 1.36 0.00	36.68 1.43 0.00	38.29 1.45 0.00	52.67 2.23 -0.44	65.20 2.59 -3.19	83.21 3.30 -10.70	44.77 1.73 -4.61	62.93 1.95 -6.70	70.74 2.60 -2.47	70.05 2.83 -5.66	69.92 2.90 -7.90	69.55 2.65 -16.89	249.61 3.05 -186.14	282.05 3.61 -201.61	206.57 4.27 -115.17	253.98 5.96 -148.40	170.74 4.48 -87.03	116.91 3.75 -41.77	86.53 2.94 -27.54	65.39 2.94 -9.32	54.96 2.97 -7.55	83.83 2.44 -39.63
HOMER_HL_115KV_TB2 355744	38.08 -0.02 0.00	34.96 -0.23 0.00	33.11 -0.41 0.00	34.68 -0.57 0.00	36.14 -0.70 0.00	48.65 -1.35 0.00	57.91 -1.50 0.00	67.03 -2.19 0.00	36.82 -1.61 0.00	52.69 -1.59 0.00	62.92 -2.74 0.00	54.74 -2.90 3.92	54.50 -3.15 1.48	45.37 -2.95 1.68	48.93 -3.64 7.84	52.96 -4.98 18.88	54.53 -5.30 27.31	88.90 -6.18 4.55	71.50 -4.82 2.91	67.13 -4.25 0.00	52.58 -3.48 0.00	49.81 -3.32 0.00	42.29 -2.15 0.00	39.63 -2.13 0.00
HOWARD_WT_PWR 323690	37.94 -0.16 0.00	34.36 -0.83 0.00	32.33 -1.19 0.00	33.96 -1.29 0.00	35.59 -1.24 0.00	48.44 -1.56 0.00	57.71 -1.71 0.00	66.61 -2.61 0.00	36.28 -2.15 0.00	51.52 -2.75 0.00	60.88 -4.78 0.00	45.95 -5.66 9.95	47.72 -5.79 5.62	40.27 -5.46 4.27	33.79 -6.72 19.91	19.39 -8.39 49.05	2.09 -9.04 76.02	77.06 -9.59 12.97	63.95 -7.00 8.29	64.55 -6.83 0.00	50.16 -5.89 0.00	47.89 -5.25 0.00	40.83 -3.61 0.00	38.05 -3.71 0.00
HQ_GEN_CEDARS 23644	39.39 1.29 0.00	36.27 1.08 0.00	34.51 0.99 0.00	36.24 0.99 0.00	37.82 0.99 0.00	51.35 1.36 0.00	60.99 1.58 0.00	71.19 1.98 0.00	39.63 1.21 0.00	56.00 1.73 0.00	67.86 2.20 0.00	63.42 1.86 0.00	60.84 1.72 0.00	51.44 1.43 0.00	62.12 1.70 0.00	78.88 2.05 0.00	89.12 1.98 0.00	101.93 2.30 0.00	81.31 2.08 0.00	73.35 1.97 0.00	57.75 1.70 0.00	54.66 1.53 0.00	45.47 1.04 0.00	42.66 0.89 0.00
HQ_GEN_CEDARS_PROXY 323590	39.39 1.29 0.00	36.27 1.08 0.00	34.51 1.00 0.00	36.24 0.99 0.00	37.82 0.99 0.00	51.35 1.36 0.00	61.78 1.57 -0.79	71.19 1.98 0.00	39.63 1.21 0.00	56.00 1.73 0.00	67.86 2.20 0.00	63.42 1.86 0.00	60.83 1.71 0.00	51.44 1.43 0.00	62.13 1.71 0.00	78.89 2.06 0.00	89.12 1.98 0.00	101.92 2.30 0.00	81.31 2.08 0.00	73.34 1.97 0.00	57.87 1.70 -0.12	54.66 1.53 0.00	45.47 1.04 0.00	42.66 0.89 0.00

HQ_GEN_IMPORT 323601	38.47 0.37 0.00	35.48 0.29 0.00	33.77 0.26 0.00	35.48 0.23 0.00	37.06 0.22 0.00	49.63 0.31 0.67	59.78 0.36 0.00	69.73 0.52 0.00	37.06 0.36 1.72	54.78 0.51 0.00	66.39 0.72 0.00	62.16 0.60 0.00	59.64 0.51 0.00	50.40 0.39 0.00	60.96 0.55 0.00	77.55 0.72 0.00	80.04 0.69 7.79	100.39 0.76 0.00	80.01 0.77 0.00	70.25 0.73 1.86	56.63 0.58 0.00	53.64 0.50 0.00	44.67 0.23 0.00	43.10 0.15 -1.19
HQ_GEN_WHEEL 23651	38.47 0.37 0.00	35.48 0.29 0.00	33.77 0.26 0.00	35.48 0.23 0.00	37.06 0.22 0.00	49.63 0.31 0.67	59.78 0.36 0.00	69.73 0.52 0.00	37.06 0.36 1.72	54.78 0.51 0.00	66.39 0.72 0.00	62.16 0.60 0.00	59.64 0.51 0.00	50.40 0.39 0.00	60.96 0.55 0.00	77.55 0.72 0.00	80.04 0.69 7.79	100.39 0.76 0.00	80.01 0.77 0.00	70.25 0.73 1.86	56.63 0.58 0.00	53.64 0.50 0.00	44.67 0.23 0.00	43.10 0.15 -1.19
HUDSON AVE_GT_3 23810	39.87 1.77 0.00	36.78 1.59 0.00	34.98 1.47 0.00	36.84 1.59 0.00	38.54 1.71 0.00	52.36 2.37 0.00	62.41 3.00 0.00	73.02 3.80 0.00	40.47 2.04 0.00	57.07 2.79 0.00	68.86 3.20 0.00	64.90 3.34 0.00	62.34 3.21 0.00	52.87 2.87 0.00	63.83 3.41 0.00	80.68 3.85 0.00	91.85 4.71 0.00	105.52 5.89 0.00	83.54 4.30 0.00	75.09 3.71 0.00	58.96 2.91 0.00	56.07 2.93 0.00	47.17 2.73 0.00	44.26 2.49 0.00
HUDSON AVE_GT_4 23540	39.87 1.77 0.00	36.78 1.59 0.00	34.98 1.47 0.00	36.84 1.59 0.00	38.54 1.71 0.00	52.36 2.37 0.00	62.41 3.00 0.00	73.02 3.80 0.00	40.47 2.04 0.00	57.07 2.79 0.00	68.86 3.20 0.00	64.90 3.34 0.00	62.34 3.21 0.00	52.87 2.87 0.00	63.83 3.41 0.00	80.68 3.85 0.00	91.85 4.71 0.00	105.52 5.89 0.00	83.54 4.30 0.00	75.09 3.71 0.00	58.96 2.91 0.00	56.07 2.93 0.00	47.17 2.73 0.00	44.26 2.49 0.00
HUDSON AVE_GT_5 23657	39.87 1.77 0.00	36.78 1.59 0.00	34.98 1.47 0.00	36.84 1.59 0.00	38.54 1.71 0.00	52.36 2.37 0.00	62.41 3.00 0.00	73.02 3.80 0.00	40.47 2.04 0.00	57.07 2.79 0.00	68.86 3.20 0.00	64.90 3.34 0.00	62.34 3.21 0.00	52.87 2.87 0.00	63.83 3.41 0.00	80.68 3.85 0.00	91.85 4.71 0.00	105.52 5.89 0.00	83.54 4.30 0.00	75.09 3.71 0.00	58.96 2.91 0.00	56.07 2.93 0.00	47.17 2.73 0.00	44.26 2.49 0.00
HUDSON_AVE_10 24168	39.69 1.59 0.00	36.60 1.42 0.00	34.82 1.31 0.00	36.66 1.41 0.00	38.35 1.52 0.00	52.15 2.16 0.00	62.16 2.74 0.00	72.73 3.52 0.00	40.32 1.90 0.00	56.85 2.57 0.00	68.61 2.95 0.00	64.67 3.11 0.00	62.10 2.98 0.00	52.67 2.67 0.00	63.59 3.18 0.00	80.37 3.54 0.00	91.53 4.39 0.00	105.13 5.51 0.00	83.25 4.02 0.00	74.82 3.44 0.00	58.76 2.71 0.00	55.89 2.76 0.00	47.00 2.56 0.00	44.10 2.33 0.00
HUDSON___115KV_TB 4 355613	38.83 0.73 0.00	35.97 0.78 0.00	34.32 0.81 0.00	36.20 0.95 0.00	37.83 0.99 0.00	51.21 1.21 0.00	60.68 1.26 0.00	70.57 1.36 0.00	39.02 0.60 0.00	54.92 0.64 0.00	66.65 0.99 0.00	62.63 1.07 0.00	60.25 1.12 0.00	51.08 1.08 0.00	61.75 1.33 0.00	78.83 2.00 0.00	89.46 2.32 0.00	102.31 2.69 0.00	81.24 2.00 0.00	73.07 1.69 0.00	57.37 1.32 0.00	54.44 1.31 0.00	45.58 1.14 0.00	42.87 1.10 0.00
HUNTER MOUNT___DRP 323613	38.95 0.85 0.00	36.08 0.89 0.00	34.42 0.91 0.00	36.32 1.07 0.00	37.96 1.12 0.00	51.40 1.41 0.00	60.93 1.51 0.00	70.85 1.63 0.00	39.17 0.74 0.00	55.18 0.90 0.00	66.95 1.29 0.00	62.93 1.37 0.00	60.52 1.40 0.00	51.27 1.27 0.00	61.99 1.57 0.00	79.24 2.41 0.00	89.96 2.82 0.00	102.89 3.27 0.00	81.69 2.46 0.00	73.46 2.07 0.00	57.65 1.60 0.00	54.67 1.54 0.00	45.75 1.31 0.00	42.99 1.22 0.00
HUNTINGTON_RES_REC 323705	39.60 1.51 0.00	36.53 1.34 0.00	34.78 1.27 0.00	36.58 1.33 0.00	38.16 1.33 0.00	51.94 2.07 0.12	60.91 2.36 0.87	69.25 2.95 2.91	38.75 1.58 1.25	54.24 1.78 1.82	67.44 2.44 0.67	66.86 2.59 -2.71	66.72 2.62 -4.97	66.58 2.39 -14.19	224.15 3.00 -160.73	250.94 3.52 -170.60	179.98 3.90 -88.93	223.42 5.34 -118.46	142.22 3.96 -59.03	99.72 3.31 -25.02	72.31 2.61 -13.64	56.23 2.61 -0.48	46.97 2.63 0.09	71.66 2.18 -27.72
HUNTLEY___63 23557	38.01 -0.09 0.00	34.77 -0.42 0.00	32.84 -0.67 0.00	34.53 -0.72 0.00	35.95 -0.89 0.00	48.25 -1.75 0.00	56.60 -2.82 0.00	65.26 -3.95 0.00	36.20 -2.23 0.00	51.85 -2.43 0.00	61.95 -3.71 0.00	54.48 -4.01 3.07	54.05 -4.04 1.03	45.20 -3.48 1.32	49.60 -4.67 6.15	55.66 -6.33 14.83	57.74 -7.84 21.56	87.41 -8.62 3.59	70.01 -6.91 2.31	65.12 -6.26 0.00	51.00 -5.05 0.00	48.42 -4.71 0.00	40.98 -3.46 0.00	38.74 -3.03 0.00
HUNTLEY___64 23558	38.01 -0.09 0.00	34.77 -0.42 0.00	32.84 -0.67 0.00	34.53 -0.72 0.00	35.95 -0.89 0.00	48.25 -1.75 0.00	56.60 -2.82 0.00	65.26 -3.95 0.00	36.20 -2.23 0.00	51.85 -2.43 0.00	61.95 -3.71 0.00	54.48 -4.01 3.07	54.05 -4.04 1.03	45.20 -3.48 1.32	49.60 -4.67 6.15	55.66 -6.33 14.83	57.74 -7.84 21.56	87.41 -8.62 3.59	70.01 -6.91 2.31	65.12 -6.26 0.00	51.00 -5.05 0.00	48.42 -4.71 0.00	40.98 -3.46 0.00	38.74 -3.03 0.00
HUNTLEY___65 23559	38.01 -0.09 0.00	34.77 -0.42 0.00	32.84 -0.67 0.00	34.53 -0.72 0.00	35.95 -0.89 0.00	48.25 -1.75 0.00	56.60 -2.82 0.00	65.26 -3.95 0.00	36.20 -2.23 0.00	51.85 -2.43 0.00	61.95 -3.71 0.00	54.48 -4.01 3.07	54.05 -4.04 1.03	45.20 -3.48 1.32	49.60 -4.67 6.15	55.66 -6.33 14.83	57.74 -7.84 21.56	87.41 -8.62 3.59	70.01 -6.91 2.31	65.12 -6.26 0.00	51.00 -5.05 0.00	48.42 -4.71 0.00	40.98 -3.46 0.00	38.74 -3.03 0.00
HUNTLEY___66 23560	38.01 -0.09 0.00	34.77 -0.42 0.00	32.84 -0.67 0.00	34.53 -0.72 0.00	35.95 -0.89 0.00	48.25 -1.75 0.00	56.60 -2.82 0.00	65.26 -3.95 0.00	36.20 -2.23 0.00	51.85 -2.43 0.00	61.95 -3.71 0.00	54.48 -4.01 3.07	54.05 -4.04 1.03	45.20 -3.48 1.32	49.60 -4.67 6.15	55.66 -6.33 14.83	57.74 -7.84 21.56	87.41 -8.62 3.59	70.01 -6.91 2.31	65.12 -6.26 0.00	51.00 -5.05 0.00	48.42 -4.71 0.00	40.98 -3.46 0.00	38.74 -3.03 0.00
HUNTLEY___67 23561	37.71 -0.39 0.00	34.52 -0.67 0.00	32.63 -0.88 0.00	34.31 -0.94 0.00	35.69 -1.14 0.00	47.95 -2.05 0.00	56.36 -3.06 0.00	64.99 -4.22 0.00	36.06 -2.37 0.00	51.56 -2.72 0.00	61.60 -4.06 0.00	54.08 -4.36 3.12	53.68 -4.38 1.06	44.90 -3.77 1.34	49.32 -4.86 6.23	55.36 -6.44 15.02	57.58 -7.74 21.82	87.47 -8.52 3.63	70.12 -6.78 2.34	65.18 -6.20 0.00	51.06 -4.99 0.00	48.36 -4.78 0.00	40.85 -3.59 0.00	38.52 -3.24 0.00
HUNTLEY___68 23562	37.71 -0.39 0.00	34.52 -0.67 0.00	32.63 -0.88 0.00	34.31 -0.94 0.00	35.69 -1.14 0.00	47.95 -2.05 0.00	56.36 -3.06 0.00	64.99 -4.22 0.00	36.06 -2.37 0.00	51.56 -2.72 0.00	61.60 -4.06 0.00	54.08 -4.36 3.12	53.68 -4.38 1.06	44.90 -3.77 1.34	49.32 -4.86 6.23	55.36 -6.44 15.02	57.58 -7.74 21.82	87.47 -8.52 3.63	70.12 -6.78 2.34	65.18 -6.20 0.00	51.06 -4.99 0.00	48.36 -4.78 0.00	40.85 -3.59 0.00	38.52 -3.24 0.00

HYLAND___LFGE 323620	40.00 1.90 0.00	36.58 1.39 0.00	34.58 1.06 0.00	36.36 1.11 0.00	37.97 1.14 0.00	51.41 1.42 0.00	61.31 1.89 0.00	71.24 2.03 0.00	39.41 0.98 0.00	55.98 1.71 0.00	66.74 1.08 0.00	56.20 0.11 5.48	55.47 -0.51 3.14	46.67 -0.99 2.35	47.26 -2.18 10.97	46.61 -3.39 26.83	43.26 -3.34 40.54	89.74 -3.03 6.85	72.79 -2.07 4.39	69.28 -2.10 0.00	54.19 -1.86 0.00	52.46 -0.68 0.00	44.37 -0.07 0.00	41.52 -0.25 0.00
INDECK___CORINTH 23802	38.87 0.78 0.00	35.91 0.72 0.00	34.32 0.81 0.00	36.27 1.02 0.00	38.11 1.28 0.00	51.76 1.76 0.00	61.61 2.20 0.00	71.22 2.01 0.00	39.53 1.10 0.00	55.73 1.45 0.00	67.79 2.13 0.00	64.01 2.45 0.00	61.64 2.52 0.00	52.00 2.00 0.00	62.80 2.39 0.00	79.95 3.13 0.00	90.68 3.54 0.00	103.31 3.68 0.00	81.98 2.75 0.00	73.96 2.58 0.00	57.79 1.74 0.00	54.87 1.74 0.00	46.07 1.63 0.00	43.19 1.42 0.00
INDECK___ILION 23567	39.16 1.06 0.00	36.21 1.02 0.00	34.49 0.98 0.00	36.33 1.08 0.00	38.04 1.20 0.00	51.65 1.65 0.00	61.30 1.89 0.00	71.31 2.09 0.00	39.44 1.02 0.00	55.56 1.29 0.00	67.22 1.56 0.00	62.97 1.41 0.00	60.54 1.41 0.00	51.23 1.23 0.00	62.08 1.66 0.00	79.09 2.26 0.00	89.84 2.70 0.00	102.94 3.31 0.00	81.80 2.57 0.00	73.66 2.27 0.00	57.81 1.75 0.00	54.98 1.85 0.00	46.09 1.65 0.00	43.31 1.55 0.00
INDECK___OLEAN 23982	38.08 -0.02 0.00	34.96 -0.23 0.00	33.11 -0.40 0.00	34.68 -0.57 0.00	36.14 -0.69 0.00	48.64 -1.35 0.00	57.91 -1.50 0.00	67.02 -2.19 0.00	36.81 -1.61 0.00	52.67 -1.61 0.00	62.93 -2.74 0.00	54.73 -2.91 3.92	54.50 -3.15 1.48	45.31 -3.02 1.68	48.84 -3.73 7.84	52.84 -5.10 18.88	54.51 -5.32 27.31	88.86 -6.22 4.55	71.48 -4.84 2.91	67.13 -4.25 0.00	52.56 -3.49 0.00	49.81 -3.32 0.00	42.29 -2.15 0.00	39.64 -2.13 0.00
INDECK___OSWEGO 23783	36.63 -1.47 0.00	33.85 -1.34 0.00	32.25 -1.27 0.00	33.90 -1.36 0.00	35.40 -1.44 0.00	48.03 -1.96 0.00	57.11 -2.31 0.00	66.49 -2.72 0.00	36.98 -1.45 0.00	52.29 -1.99 0.00	63.13 -2.53 0.00	59.17 -2.39 0.00	56.82 -2.31 0.00	48.06 -1.94 0.00	57.96 -2.45 0.00	73.65 -3.17 0.00	83.49 -3.65 0.00	95.60 -4.02 0.00	75.98 -3.26 0.00	68.40 -2.98 0.00	53.71 -2.34 0.00	50.87 -2.27 0.00	42.62 -1.82 0.00	45.32 -1.65 -5.20
INDECK___YERKES 23781	38.05 -0.06 0.00	34.80 -0.38 0.00	32.87 -0.65 0.00	34.56 -0.69 0.00	35.97 -0.86 0.00	48.29 -1.70 0.00	56.65 -2.76 0.00	65.29 -3.92 0.00	36.22 -2.20 0.00	51.87 -2.40 0.00	62.01 -3.66 0.00	54.53 -3.96 3.07	54.08 -4.01 1.03	45.19 -3.50 1.32	49.54 -4.73 6.15	55.58 -6.41 14.83	57.68 -7.90 21.56	87.33 -8.70 3.59	69.96 -6.97 2.31	65.08 -6.31 0.00	50.97 -5.08 0.00	48.44 -4.70 0.00	41.01 -3.42 0.00	38.78 -2.98 0.00
INDIAN POINT_GT_1 24139	39.34 1.24 0.00	36.32 1.13 0.00	34.54 1.03 0.00	36.40 1.15 0.00	38.10 1.27 0.00	51.84 1.85 0.00	61.79 2.37 0.00	72.16 2.94 0.00	39.92 1.50 0.00	56.36 2.08 0.00	68.11 2.45 0.00	64.09 2.52 0.00	61.56 2.43 0.00	52.13 2.13 0.00	62.93 2.51 0.00	79.69 2.86 0.00	90.78 3.64 0.00	104.23 4.61 0.00	82.59 3.36 0.00	74.32 2.94 0.00	58.34 2.28 0.00	55.41 2.27 0.00	46.62 2.18 0.00	43.77 2.01 0.00
INDIAN POINT_GT_2 23659	39.34 1.24 0.00	36.32 1.13 0.00	34.54 1.03 0.00	36.40 1.15 0.00	38.10 1.27 0.00	51.84 1.85 0.00	61.79 2.37 0.00	72.16 2.94 0.00	39.92 1.50 0.00	56.36 2.08 0.00	68.11 2.45 0.00	64.09 2.52 0.00	61.56 2.43 0.00	52.13 2.13 0.00	62.93 2.51 0.00	79.69 2.86 0.00	90.78 3.64 0.00	104.23 4.61 0.00	82.59 3.36 0.00	74.32 2.94 0.00	58.34 2.28 0.00	55.41 2.27 0.00	46.62 2.18 0.00	43.77 2.01 0.00
INDIAN POINT_GT_3 24019	39.34 1.24 0.00	36.32 1.13 0.00	34.54 1.03 0.00	36.40 1.15 0.00	38.10 1.27 0.00	51.84 1.85 0.00	61.79 2.37 0.00	72.16 2.94 0.00	39.92 1.50 0.00	56.36 2.08 0.00	68.11 2.45 0.00	64.09 2.52 0.00	61.56 2.43 0.00	52.13 2.13 0.00	62.93 2.51 0.00	79.69 2.86 0.00	90.78 3.64 0.00	104.23 4.61 0.00	82.59 3.36 0.00	74.32 2.94 0.00	58.34 2.28 0.00	55.41 2.27 0.00	46.62 2.18 0.00	43.77 2.01 0.00
INDIAN POINT___2 23530	39.28 1.19 0.00	36.28 1.09 0.00	34.51 1.00 0.00	36.36 1.11 0.00	38.07 1.23 0.00	51.80 1.81 0.00	61.73 2.32 0.00	72.10 2.89 0.00	39.88 1.45 0.00	56.32 2.04 0.00	68.04 2.38 0.00	64.01 2.44 0.00	61.48 2.36 0.00	52.03 2.03 0.00	62.79 2.37 0.00	79.52 2.69 0.00	90.62 3.47 0.00	104.06 4.43 0.00	82.47 3.24 0.00	74.21 2.83 0.00	58.26 2.21 0.00	55.31 2.18 0.00	46.56 2.12 0.00	43.72 1.96 0.00
INDIAN POINT___3 23531	39.34 1.24 0.00	36.33 1.14 0.00	34.55 1.04 0.00	36.41 1.16 0.00	38.11 1.27 0.00	51.85 1.86 0.00	61.79 2.37 0.00	72.16 2.94 0.00	39.93 1.51 0.00	56.36 2.08 0.00	68.11 2.45 0.00	64.09 2.52 0.00	61.57 2.44 0.00	52.14 2.14 0.00	62.93 2.51 0.00	79.70 2.87 0.00	90.78 3.64 0.00	104.22 4.59 0.00	82.58 3.34 0.00	74.31 2.92 0.00	58.33 2.28 0.00	55.41 2.27 0.00	46.62 2.19 0.00	43.77 2.01 0.00
INGHAM_C_115KV_TB7 356103	40.59 2.49 0.00	37.56 2.37 0.00	35.78 2.27 0.00	37.72 2.47 0.00	39.58 2.75 0.00	53.75 3.76 0.00	63.68 4.27 0.00	73.91 4.70 0.00	40.72 2.30 0.00	57.14 2.86 0.00	69.22 3.55 0.00	64.74 3.18 0.00	62.29 3.17 0.00	52.75 2.75 0.00	64.23 3.81 0.00	82.00 5.17 0.00	93.22 6.08 0.00	107.12 7.50 0.00	85.09 5.85 0.00	76.58 5.19 0.00	60.02 3.97 0.00	57.33 4.20 0.00	48.14 3.70 0.00	45.22 3.46 0.00
IP CORINTH___1 23988	39.08 0.98 0.00	36.10 0.91 0.00	34.51 0.99 0.00	36.46 1.21 0.00	38.31 1.47 0.00	52.05 2.06 0.00	61.97 2.55 0.00	71.63 2.42 0.00	39.75 1.33 0.00	56.04 1.77 0.00	68.15 2.49 0.00	64.34 2.77 0.00	61.94 2.82 0.00	52.26 2.25 0.00	63.13 2.71 0.00	80.39 3.57 0.00	91.16 4.02 0.00	103.88 4.26 0.00	82.44 3.20 0.00	74.37 2.98 0.00	58.10 2.04 0.00	55.17 2.04 0.00	46.29 1.86 0.00	43.41 1.64 0.00
IP___TICONDEROGA 23804	41.03 2.93 0.00	37.81 2.62 0.00	36.32 2.81 0.00	38.49 3.24 0.00	40.65 3.82 0.00	55.08 5.09 0.00	65.66 6.25 0.00	74.83 5.62 0.00	41.67 3.24 0.00	58.64 4.37 0.00	72.04 6.38 0.00	68.69 7.13 0.00	66.18 7.06 0.00	55.50 5.50 0.00	66.95 6.53 0.00	85.75 8.93 0.00	97.15 10.01 0.00	109.64 10.02 0.00	86.75 7.51 0.00	78.89 7.51 0.00	60.92 4.87 0.00	57.95 4.82 0.00	48.70 4.26 0.00	45.35 3.58 0.00
ISLIP_RES_REC 323679	39.85 1.75 0.00	36.77 1.58 0.00	35.01 1.50 0.00	36.83 1.58 0.00	38.45 1.62 0.00	52.86 2.44 0.00	65.41 2.89 -3.10	83.27 3.69 -10.37	44.86 1.96 -4.47	63.04 2.27 -6.50	71.04 2.98 -2.40	70.36 3.19 -5.61	70.27 3.27 -7.87	69.87 2.93 -16.94	250.62 3.43 -186.76	283.13 4.13 -202.18	207.24 4.86 -115.24	254.90 6.67 -148.60	171.10 5.03 -86.84	117.19 4.22 -41.58	86.67 3.29 -27.33	65.51 3.25 -9.12	55.03 3.21 -7.38	83.97 2.64 -39.57

JAMAICA__27_KV_LOAD 355505	39.85 1.75 0.00	36.75 1.56 0.00	34.98 1.47 0.00	36.82 1.57 0.00	38.46 1.63 0.00	52.37 2.38 0.00	62.43 3.01 0.00	73.12 3.91 0.00	40.57 2.14 0.00	57.18 2.90 0.00	68.99 3.33 0.00	65.07 3.51 0.00	62.44 3.31 0.00	52.99 2.98 0.00	63.95 3.53 0.00	80.80 3.98 0.00	92.13 4.99 0.00	105.86 6.23 0.00	83.83 4.59 0.00	75.34 3.95 0.00	59.13 3.07 0.00	56.25 3.12 0.00	47.26 2.82 0.00	44.35 2.58 0.00
JANIS__SOLAR 323808	39.28 1.19 0.00	36.23 1.04 0.00	34.40 0.89 0.00	36.20 0.95 0.00	37.86 1.03 0.00	51.47 1.48 0.00	61.37 1.95 0.00	71.67 2.46 0.00	39.69 1.26 0.00	56.23 1.95 0.00	67.59 1.92 0.00	68.92 1.43 -5.93	63.36 1.19 -3.05	53.39 0.84 -2.55	73.13 0.85 -11.86	108.24 1.58 -29.83	138.68 2.41 -49.13	111.29 3.12 -8.55	87.30 2.61 -5.46	73.85 2.47 0.00	57.82 1.77 0.00	54.67 1.54 0.00	45.85 1.42 0.00	42.95 1.18 0.00
JARVIS____ 23743	38.14 0.04 0.00	35.25 0.06 0.00	33.58 0.07 0.00	35.32 0.07 0.00	36.94 0.11 0.00	50.14 0.15 0.00	59.58 0.17 0.00	69.36 0.14 0.00	38.48 0.05 0.00	54.33 0.05 0.00	65.70 0.04 0.00	61.62 0.06 0.00	59.21 0.08 0.00	50.09 0.09 0.00	60.52 0.10 0.00	76.95 0.13 0.00	87.34 0.20 0.00	99.82 0.19 0.00	79.33 0.09 0.00	71.47 0.09 0.00	56.14 0.09 0.00	53.25 0.11 0.00	44.59 0.16 0.00	41.94 0.17 0.00
JENNISON____1 23625	38.42 0.32 0.00	35.52 0.32 0.00	33.75 0.24 0.00	35.62 0.38 0.00	37.28 0.44 0.00	50.61 0.61 0.00	60.24 0.83 0.00	70.49 1.27 0.00	38.96 0.53 0.00	55.10 0.83 0.00	66.20 0.53 0.00	63.25 0.17 -1.52	59.82 0.14 -0.55	50.65 -0.01 -0.65	63.22 -0.23 -3.04	84.29 0.10 -7.37	98.31 0.48 -10.69	102.08 0.67 -1.78	81.38 1.00 -1.14	72.80 1.42 0.00	57.08 1.03 0.00	54.07 0.94 0.00	45.57 1.13 0.00	42.76 1.00 0.00
JENNISON____2 23626	38.42 0.32 0.00	35.52 0.32 0.00	33.75 0.24 0.00	35.62 0.38 0.00	37.28 0.44 0.00	50.61 0.61 0.00	60.24 0.83 0.00	70.49 1.27 0.00	38.96 0.53 0.00	55.10 0.83 0.00	66.20 0.53 0.00	63.25 0.17 -1.52	59.82 0.14 -0.55	50.65 -0.01 -0.65	63.22 -0.23 -3.04	84.29 0.10 -7.37	98.31 0.48 -10.69	102.08 0.67 -1.78	81.38 1.00 -1.14	72.80 1.42 0.00	57.08 1.03 0.00	54.07 0.94 0.00	45.57 1.13 0.00	42.76 1.00 0.00
JERICOHO_RISE_WT_PWR 323719	38.78 0.68 0.00	35.71 0.52 0.00	33.97 0.46 0.00	35.68 0.43 0.00	37.23 0.40 0.00	50.44 0.45 0.00	59.99 0.57 0.00	70.04 0.83 0.00	39.02 0.59 0.00	55.14 0.87 0.00	66.82 1.16 0.00	62.40 0.83 0.00	59.83 0.70 0.00	50.53 0.52 0.00	61.09 0.68 0.00	77.67 0.84 0.00	87.83 0.68 0.00	100.45 0.82 0.00	80.15 0.91 0.00	72.22 0.84 0.00	56.75 0.70 0.00	53.69 0.56 0.00	44.63 0.19 0.00	41.87 0.11 0.00
KATONAH__115KV_46KV_TB4 355592	39.58 1.47 0.00	36.54 1.35 0.00	34.76 1.25 0.00	36.61 1.36 0.00	38.31 1.48 0.00	52.13 2.14 0.00	62.16 2.74 0.00	72.60 3.39 0.00	40.19 1.77 0.00	56.70 2.43 0.00	68.54 2.88 0.00	64.53 2.97 0.00	62.01 2.89 0.00	52.54 2.54 0.00	63.46 3.05 0.00	80.40 3.57 0.00	91.48 4.35 0.00	105.03 5.40 0.00	83.28 4.04 0.00	74.89 3.51 0.00	58.76 2.71 0.00	55.79 2.66 0.00	46.90 2.47 0.00	44.00 2.23 0.00
KCE_NY_1 323755	39.11 1.02 0.00	36.17 0.98 0.00	34.51 1.00 0.00	36.43 1.19 0.00	38.20 1.36 0.00	52.03 2.04 0.00	61.89 2.47 0.00	71.62 2.40 0.00	39.71 1.27 0.00	55.94 1.66 0.00	67.84 2.18 0.00	63.77 2.20 0.00	61.42 2.29 0.00	52.00 2.00 0.00	62.85 2.43 0.00	80.08 3.25 0.00	90.92 3.77 0.00	103.69 4.07 0.00	82.38 3.14 0.00	74.15 2.77 0.00	58.06 2.01 0.00	55.10 1.97 0.00	46.17 1.73 0.00	43.43 1.67 0.00
KCE_NY_6_ESR 323823	38.09 -0.01 0.00	34.85 -0.34 0.00	32.93 -0.59 0.00	34.62 -0.63 0.00	36.01 -0.83 0.00	48.47 -1.53 0.00	57.11 -2.31 0.00	65.91 -3.30 0.00	36.55 -1.88 0.00	52.18 -2.09 0.00	62.29 -3.37 0.00	54.35 -3.75 3.46	54.16 -3.80 1.16	45.17 -3.35 1.49	49.21 -4.29 6.93	54.42 -5.69 16.71	56.11 -6.73 24.30	88.29 -7.29 4.05	70.91 -5.72 2.60	66.01 -5.37 0.00	51.68 -4.37 0.00	48.93 -4.21 0.00	41.35 -3.08 0.00	38.95 -2.82 0.00
KEDC PORT_JEFF_GT2 24210	39.53 1.43 0.00	36.48 1.29 0.00	34.73 1.22 0.00	36.53 1.28 0.00	38.12 1.29 0.00	52.43 2.01 -0.42	64.71 2.26 -3.04	82.25 2.87 -10.18	44.28 1.46 -4.38	62.22 1.57 -6.37	70.21 2.20 -2.35	69.51 2.42 -5.53	69.42 2.53 -7.77	69.09 2.36 -16.73	247.71 2.82 -184.47	279.73 3.23 -199.67	204.53 3.64 -113.76	251.54 5.19 -146.72	168.78 3.87 -85.67	115.60 3.22 -41.01	85.52 2.54 -26.93	64.73 2.63 -8.97	54.48 2.79 -7.25	83.10 2.30 -39.04
KEDC PORT_JEFF_GT3 24211	39.53 1.43 0.00	36.48 1.29 0.00	34.73 1.22 0.00	36.53 1.28 0.00	38.12 1.29 0.00	52.43 2.01 -0.42	64.71 2.26 -3.04	82.25 2.87 -10.18	44.28 1.46 -4.38	62.22 1.57 -6.37	70.21 2.20 -2.35	69.51 2.42 -5.53	69.42 2.53 -7.77	69.09 2.36 -16.73	247.71 2.82 -184.47	279.73 3.23 -199.67	204.53 3.64 -113.76	251.54 5.19 -146.72	168.78 3.87 -85.67	115.60 3.22 -41.01	85.52 2.54 -26.93	64.73 2.63 -8.97	54.48 2.79 -7.25	83.10 2.30 -39.04
KEDC_GLWD_GT4 24219	39.83 1.73 0.00	36.75 1.56 0.00	34.95 1.44 0.00	36.80 1.55 0.00	38.48 1.64 0.00	52.40 2.41 0.00	62.37 2.95 0.00	72.88 3.66 0.00	40.38 1.95 0.00	56.86 2.58 0.00	68.92 3.25 0.00	70.70 3.38 -5.76	72.07 3.29 -9.66	78.38 2.91 -25.48	350.20 3.63 -286.16	386.28 4.27 -305.19	254.78 4.82 -162.82	320.66 6.03 -215.00	195.63 4.44 -111.95	124.44 3.81 -49.25	87.65 2.98 -28.61	60.19 2.96 -4.09	49.90 2.80 -2.66	96.44 2.46 -52.22
KEDC_GLWD_GT5 24220	39.83 1.73 0.00	36.75 1.56 0.00	34.95 1.44 0.00	36.80 1.55 0.00	38.48 1.64 0.00	52.40 2.41 0.00	62.37 2.95 0.00	72.88 3.66 0.00	40.38 1.95 0.00	56.86 2.58 0.00	68.92 3.25 0.00	70.70 3.38 -5.76	72.07 3.29 -9.66	78.38 2.91 -25.48	350.20 3.63 -286.16	386.28 4.27 -305.19	254.78 4.82 -162.82	320.66 6.03 -215.00	195.63 4.44 -111.95	124.44 3.81 -49.25	87.65 2.98 -28.61	60.19 2.96 -4.09	49.90 2.80 -2.66	96.44 2.46 -52.22
KENSICO____ 23655	39.45 1.35 0.00	36.43 1.24 0.00	34.65 1.13 0.00	36.50 1.25 0.00	38.20 1.37 0.00	51.97 1.98 0.00	61.93 2.51 0.00	72.35 3.13 0.00	40.05 1.62 0.00	56.52 2.24 0.00	68.30 2.64 0.00	64.29 2.73 0.00	61.77 2.65 0.00	52.33 2.33 0.00	63.19 2.77 0.00	79.98 3.16 0.00	91.05 3.91 0.00	104.53 4.91 0.00	82.83 3.59 0.00	74.53 3.15 0.00	58.50 2.45 0.00	55.57 2.44 0.00	46.77 2.34 0.00	43.90 2.13 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.71 1.61 0.00	36.66 1.46 0.00	34.85 1.34 0.00	36.70 1.45 0.00	38.43 1.59 0.00	52.34 2.35 0.00	62.46 3.04 0.00	72.95 3.73 0.00	40.29 1.86 0.00	57.00 2.72 0.00	68.58 2.92 0.00	64.57 3.01 0.00	62.13 3.01 0.00	52.55 2.54 0.00	63.52 3.10 0.00	80.45 3.63 0.00	91.89 4.75 0.00	105.62 5.99 0.00	83.74 4.50 0.00	75.35 3.97 0.00	59.11 3.06 0.00	56.03 2.90 0.00	47.04 2.60 0.00	44.10 2.33 0.00

KIAC_JFK_GT1 23816	39.71 1.62 0.00	36.64 1.45 0.00	34.86 1.35 0.00	36.70 1.45 0.00	38.34 1.51 0.00	52.20 2.21 0.00	62.21 2.80 0.00	72.85 3.64 0.00	40.43 2.00 0.00	56.97 2.69 0.00	68.74 3.08 0.00	64.84 3.28 0.00	62.22 3.10 0.00	52.80 2.79 0.00	63.72 3.31 0.00	80.51 3.68 0.00	91.78 4.63 0.00	105.43 5.80 0.00	83.49 4.25 0.00	75.04 3.66 0.00	58.90 2.85 0.00	56.04 2.91 0.00	47.10 2.66 0.00	44.19 2.43 0.00
KIAC_JFK_GT2 23817	39.71 1.62 0.00	36.64 1.45 0.00	34.86 1.35 0.00	36.70 1.45 0.00	38.34 1.51 0.00	52.20 2.21 0.00	62.21 2.80 0.00	72.85 3.64 0.00	40.43 2.00 0.00	56.97 2.69 0.00	68.74 3.08 0.00	64.84 3.28 0.00	62.22 3.10 0.00	52.80 2.79 0.00	63.72 3.31 0.00	80.51 3.68 0.00	91.78 4.63 0.00	105.43 5.80 0.00	83.49 4.25 0.00	75.04 3.66 0.00	58.90 2.85 0.00	56.04 2.91 0.00	47.10 2.66 0.00	44.19 2.43 0.00
KIAC_JFK____ 323774	39.71 1.62 0.00	36.64 1.45 0.00	34.86 1.35 0.00	36.69 1.45 0.00	38.34 1.50 0.00	52.20 2.21 0.00	62.21 2.80 0.00	72.85 3.64 0.00	40.43 2.00 0.00	56.97 2.69 0.00	68.74 3.08 0.00	64.85 3.29 0.00	62.22 3.10 0.00	52.81 2.80 0.00	63.72 3.30 0.00	80.51 3.68 0.00	91.78 4.64 0.00	105.43 5.80 0.00	83.49 4.25 0.00	75.03 3.65 0.00	58.91 2.85 0.00	56.04 2.91 0.00	47.09 2.66 0.00	44.19 2.43 0.00
KINTIGH__24_KV_GSU 356498	37.68 -0.42 0.00	34.56 -0.63 0.00	32.72 -0.79 0.00	34.39 -0.86 0.00	35.82 -1.01 0.00	48.17 -1.83 0.00	56.72 -2.70 0.00	65.55 -3.67 0.00	36.38 -2.05 0.00	51.94 -2.34 0.00	62.20 -3.46 0.00	55.50 -3.75 2.31	54.55 -3.77 0.80	45.77 -3.25 0.99	51.58 -4.23 4.61	59.97 -5.65 11.20	64.19 -6.73 16.22	89.55 -7.38 2.70	71.56 -5.94 1.74	66.03 -5.36 0.00	51.73 -4.32 0.00	48.97 -4.16 0.00	41.34 -3.10 0.00	38.97 -2.80 0.00
KINTIGH____ 23543	37.66 -0.44 0.00	34.54 -0.65 0.00	32.70 -0.81 0.00	34.37 -0.87 0.00	35.79 -1.05 0.00	48.14 -1.86 0.00	56.68 -2.74 0.00	65.50 -3.71 0.00	36.35 -2.08 0.00	51.92 -2.36 0.00	62.15 -3.51 0.00	55.48 -3.77 2.31	54.54 -3.79 0.80	45.76 -3.25 0.99	51.58 -4.22 4.61	59.96 -5.66 11.20	64.15 -6.76 16.22	89.51 -7.42 2.70	71.53 -5.97 1.74	65.97 -5.42 0.00	51.69 -4.36 0.00	48.96 -4.17 0.00	41.30 -3.14 0.00	38.93 -2.83 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.10 1.01 0.00	35.98 0.79 0.00	34.24 0.72 0.00	35.94 0.69 0.00	37.50 0.67 0.00	50.70 0.71 0.00	60.39 0.98 0.00	70.54 1.33 0.00	39.32 0.89 0.00	55.58 1.30 0.00	67.32 1.66 0.00	62.86 1.29 0.00	60.23 1.10 0.00	50.84 0.84 0.00	61.43 1.01 0.00	78.15 1.32 0.00	88.51 1.37 0.00	101.25 1.63 0.00	80.81 1.57 0.00	72.74 1.36 0.00	57.15 1.10 0.00	54.00 0.87 0.00	44.87 0.43 0.00	42.08 0.32 0.00
LACHUTE____HYDRO 323717	41.03 2.93 0.00	37.81 2.62 0.00	36.32 2.81 0.00	38.48 3.24 0.00	40.65 3.82 0.00	55.08 5.09 0.00	65.66 6.24 0.00	74.83 5.62 0.00	41.67 3.24 0.00	58.64 4.37 0.00	72.04 6.38 0.00	68.68 7.12 0.00	66.18 7.06 0.00	55.50 5.50 0.00	66.95 6.53 0.00	85.73 8.91 0.00	97.15 10.01 0.00	109.64 10.02 0.00	86.74 7.51 0.00	78.89 7.51 0.00	60.92 4.87 0.00	57.95 4.82 0.00	48.70 4.26 0.00	45.35 3.59 0.00
LAWRNCALV_115KV_TB1 80681	39.46 1.37 0.00	36.32 1.13 0.00	34.55 1.04 0.00	36.28 1.03 0.00	37.87 1.04 0.00	51.44 1.44 0.00	61.16 1.74 0.00	71.43 2.21 0.00	39.78 1.35 0.00	56.23 1.96 0.00	68.18 2.52 0.00	63.71 2.15 0.00	61.08 1.96 0.00	51.63 1.63 0.00	62.21 1.79 0.00	78.74 1.92 0.00	88.59 1.45 0.00	101.29 1.67 0.00	80.83 1.59 0.00	73.08 1.70 0.00	57.83 1.78 0.00	54.76 1.63 0.00	45.53 1.10 0.00	42.68 0.91 0.00
LEDERLE____ 23769	39.53 1.43 0.00	36.49 1.30 0.00	34.71 1.20 0.00	36.58 1.33 0.00	38.29 1.46 0.00	52.12 2.13 0.00	62.15 2.73 0.00	72.60 3.38 0.00	40.15 1.73 0.00	56.74 2.46 0.00	68.54 2.88 0.00	64.47 2.90 0.00	61.92 2.79 0.00	52.39 2.39 0.00	63.22 2.81 0.00	80.08 3.26 0.00	91.31 4.17 0.00	104.87 5.25 0.00	83.09 3.85 0.00	74.77 3.39 0.00	58.68 2.63 0.00	55.70 2.56 0.00	46.87 2.44 0.00	44.01 2.24 0.00
LIGHTHSE_115KV_TB6 355974	37.60 -0.50 0.00	34.71 -0.48 0.00	33.03 -0.48 0.00	34.73 -0.52 0.00	36.24 -0.59 0.00	49.17 -0.82 0.00	58.51 -0.90 0.00	68.24 -0.97 0.00	37.95 -0.48 0.00	53.80 -0.48 0.00	65.01 -0.66 0.00	60.92 -0.64 0.00	58.44 -0.68 0.00	49.35 -0.66 0.00	59.45 -0.97 0.00	75.51 -1.32 0.00	85.68 -1.46 0.00	98.29 -1.34 0.00	78.11 -1.13 0.00	70.24 -1.14 0.00	55.11 -0.94 0.00	52.16 -0.98 0.00	43.68 -0.76 0.00	43.67 -0.65 -2.56
LINDEN COGEN____ 23786	39.63 1.53 0.00	36.56 1.37 0.00	34.78 1.26 0.00	36.62 1.37 0.00	38.33 1.49 0.00	52.06 2.07 0.00	62.06 2.65 0.00	72.59 3.38 0.00	40.23 1.80 0.00	56.73 2.46 0.00	68.41 2.75 0.00	64.46 2.90 0.00	61.92 2.80 0.00	52.50 2.49 0.00	63.37 2.95 0.00	80.11 3.28 0.00	91.29 4.15 0.00	104.85 5.23 0.00	83.03 3.79 0.00	74.63 3.25 0.00	58.62 2.57 0.00	55.73 2.59 0.00	46.90 2.47 0.00	40.75 2.27 3.29
LINDHRST_69_KV_BK1 356055	40.16 2.06 0.00	37.04 1.85 0.00	35.23 1.72 0.00	37.05 1.80 0.00	38.70 1.87 0.00	52.89 2.79 -0.10	63.53 3.38 -0.73	75.91 4.26 -2.44	41.81 2.34 -1.05	58.66 2.85 -1.53	69.99 3.76 -0.57	69.85 3.89 -4.40	70.04 3.90 -7.02	71.05 3.44 -17.61	261.31 4.29 -196.60	292.35 5.16 -210.37	206.88 5.76 -113.98	256.62 7.35 -149.65	164.88 5.49 -80.14	112.14 4.71 -36.05	81.48 3.74 -21.69	61.10 3.63 -4.33	50.99 3.40 -3.16	81.87 2.87 -37.24
LIPA_MISC_IPP 23656	39.53 1.43 0.00	36.51 1.32 0.00	34.76 1.25 0.00	36.57 1.32 0.00	38.16 1.33 0.00	52.61 2.09 -0.52	65.61 2.42 -3.78	84.97 3.11 -12.65	45.46 1.59 -5.45	63.91 1.71 -7.92	70.90 2.31 -2.92	70.17 2.56 -6.05	70.01 2.61 -8.28	69.59 2.43 -17.15	251.79 3.03 -188.34	284.89 3.55 -204.52	209.08 3.83 -118.10	256.80 5.57 -151.61	173.96 4.25 -90.47	118.87 3.56 -43.93	88.21 2.78 -29.38	66.50 2.80 -10.56	55.88 2.81 -8.64	85.09 2.26 -41.07
LISF____SOLAR 323691	39.60 1.50 0.00	36.57 1.38 0.00	34.81 1.30 0.00	36.62 1.37 0.00	38.22 1.39 0.00	52.67 2.17 -0.51	65.57 2.51 -3.65	84.68 3.24 -12.22	45.34 1.65 -5.26	63.71 1.78 -7.65	70.85 2.37 -2.82	70.17 2.65 -5.96	70.03 2.71 -8.19	69.63 2.53 -17.10	251.44 3.18 -187.84	284.41 3.72 -203.86	208.60 4.01 -117.44	256.31 5.80 -150.88	173.38 4.44 -89.70	118.54 3.71 -43.45	87.95 2.92 -28.97	66.33 2.91 -10.28	55.73 2.90 -8.39	84.84 2.33 -40.75
LITTLE FALLS____HYD 24013	40.59 2.49 0.00	37.56 2.37 0.00	35.78 2.27 0.00	37.72 2.47 0.00	39.58 2.75 0.00	53.75 3.76 0.00	63.68 4.27 0.00	73.91 4.70 0.00	40.72 2.30 0.00	57.14 2.86 0.00	69.22 3.55 0.00	64.74 3.18 0.00	62.29 3.17 0.00	52.75 2.75 0.00	64.23 3.81 0.00	82.00 5.17 0.00	93.22 6.08 0.00	107.12 7.50 0.00	85.09 5.85 0.00	76.58 5.19 0.00	60.02 3.97 0.00	57.33 4.20 0.00	48.14 3.70 0.00	45.22 3.46 0.00

LITTLRIV_115KV_TB1 356100	40.06 1.96 0.00	36.85 1.66 0.00	35.06 1.55 0.00	36.79 1.54 0.00	38.42 1.59 0.00	52.23 2.23 0.00	62.09 2.67 0.00	72.59 3.38 0.00	40.44 2.01 0.00	57.17 2.89 0.00	69.29 3.63 0.00	64.73 3.17 0.00	62.02 2.89 0.00	52.45 2.44 0.00	62.94 2.53 0.00	79.71 2.89 0.00	89.83 2.68 0.00	102.58 2.95 0.00	81.86 2.62 0.00	74.04 2.66 0.00	58.57 2.51 0.00	55.50 2.37 0.00	46.11 1.68 0.00	43.20 1.43 0.00
LI_NEWBRDGE___DRP 323616	39.52 1.42 0.00	36.48 1.29 0.00	34.71 1.19 0.00	36.51 1.27 0.00	38.14 1.31 0.00	52.01 2.02 0.00	61.79 2.38 0.00	72.17 2.95 0.00	40.01 1.58 0.00	56.19 1.91 0.00	68.25 2.59 0.00	67.38 2.75 -3.07	67.00 2.73 -5.15	66.02 2.44 -13.57	216.63 3.27 -152.94	243.85 3.90 -163.13	178.10 3.95 -87.01	219.63 5.09 -114.92	142.77 3.70 -59.84	100.81 3.10 -26.33	73.80 2.45 -15.29	57.79 2.48 -2.18	48.32 2.47 -1.42	71.68 2.09 -27.82
LOCKPORT_115KV_TB60_63_64 80432	37.93 -0.17 0.00	34.73 -0.46 0.00	32.82 -0.70 0.00	34.52 -0.73 0.00	35.93 -0.91 0.00	48.10 -1.89 0.00	56.22 -3.19 0.00	64.88 -4.34 0.00	36.07 -2.36 0.00	51.63 -2.65 0.00	61.60 -4.06 0.00	54.38 -4.34 2.84	53.79 -4.38 0.95	45.07 -3.72 1.22	49.98 -4.75 5.68	56.94 -6.17 13.72	59.72 -7.48 19.94	87.81 -8.49 3.32	70.23 -6.87 2.14	65.05 -6.33 0.00	50.94 -5.12 0.00	48.31 -4.83 0.00	40.83 -3.60 0.00	38.60 -3.16 0.00
LOCKPORT___CC1 323769	37.87 -0.23 0.00	34.67 -0.52 0.00	32.76 -0.75 0.00	34.47 -0.78 0.00	35.87 -0.97 0.00	48.04 -1.95 0.00	56.20 -3.22 0.00	64.81 -4.41 0.00	36.02 -2.41 0.00	51.55 -2.72 0.00	61.52 -4.14 0.00	54.22 -4.44 2.91	53.70 -4.47 0.96	44.92 -3.83 1.25	49.67 -4.92 5.82	56.33 -6.43 14.06	59.00 -7.69 20.46	87.58 -8.64 3.41	70.07 -6.97 2.19	64.97 -6.42 0.00	50.86 -5.19 0.00	48.23 -4.91 0.00	40.77 -3.67 0.00	38.54 -3.22 0.00
LOCKPORT___CC2 323770	37.87 -0.23 0.00	34.67 -0.52 0.00	32.76 -0.75 0.00	34.47 -0.78 0.00	35.87 -0.97 0.00	48.04 -1.95 0.00	56.20 -3.22 0.00	64.81 -4.41 0.00	36.02 -2.41 0.00	51.55 -2.72 0.00	61.52 -4.14 0.00	54.22 -4.44 2.91	53.70 -4.47 0.96	44.92 -3.83 1.25	49.67 -4.92 5.82	56.33 -6.43 14.06	59.00 -7.69 20.46	87.58 -8.64 3.41	70.07 -6.97 2.19	64.97 -6.42 0.00	50.86 -5.19 0.00	48.23 -4.91 0.00	40.77 -3.67 0.00	38.54 -3.22 0.00
LOCKPORT___CC3 323771	37.87 -0.23 0.00	34.67 -0.52 0.00	32.76 -0.75 0.00	34.47 -0.78 0.00	35.87 -0.97 0.00	48.04 -1.95 0.00	56.20 -3.22 0.00	64.81 -4.41 0.00	36.02 -2.41 0.00	51.55 -2.72 0.00	61.52 -4.14 0.00	54.22 -4.44 2.91	53.70 -4.47 0.96	44.92 -3.83 1.25	49.67 -4.92 5.82	56.33 -6.43 14.06	59.00 -7.69 20.46	87.58 -8.64 3.41	70.07 -6.97 2.19	64.97 -6.42 0.00	50.86 -5.19 0.00	48.23 -4.91 0.00	40.77 -3.67 0.00	38.54 -3.22 0.00
LOCUSVLY_69_KV_BK2 55797	39.87 1.77 0.00	36.79 1.60 0.00	34.99 1.48 0.00	36.83 1.58 0.00	38.48 1.65 0.00	52.34 2.46 0.11	61.56 2.96 0.82	70.11 3.64 2.74	39.20 1.96 1.18	55.08 2.52 1.72	68.28 3.24 0.63	69.46 3.38 -4.52	70.43 3.33 -7.97	74.99 2.94 -22.05	312.84 3.73 -248.70	345.71 4.44 -264.44	231.15 4.88 -139.13	290.49 6.20 -184.67	177.46 4.57 -93.65	115.60 3.91 -40.31	81.70 3.07 -22.58	58.01 3.03 -1.85	48.13 2.87 -0.82	88.17 2.49 -43.91
LONG_LAKE_PHOENIX 24014	37.06 -1.04 0.00	34.24 -0.95 0.00	32.61 -0.90 0.00	34.28 -0.96 0.00	35.81 -1.03 0.00	48.58 -1.41 0.00	57.81 -1.61 0.00	67.32 -1.90 0.00	37.42 -1.01 0.00	52.91 -1.37 0.00	63.86 -1.80 0.00	59.88 -1.68 0.00	57.50 -1.63 0.00	48.64 -1.37 0.00	58.50 -1.92 0.00	74.30 -2.53 0.00	84.29 -2.86 0.00	96.54 -3.08 0.00	76.69 -2.55 0.00	69.03 -2.36 0.00	54.16 -1.89 0.00	51.27 -1.86 0.00	42.94 -1.50 0.00	44.33 -1.37 -3.93
LOVETT___3 23632	39.34 1.24 0.00	36.32 1.13 0.00	34.55 1.04 0.00	36.40 1.16 0.00	38.11 1.27 0.00	51.85 1.86 0.00	61.80 2.38 0.00	72.17 2.96 0.00	39.93 1.51 0.00	56.37 2.09 0.00	68.12 2.46 0.00	64.08 2.52 0.00	61.56 2.43 0.00	52.11 2.11 0.00	62.91 2.50 0.00	79.67 2.85 0.00	90.76 3.62 0.00	104.22 4.59 0.00	82.57 3.34 0.00	74.31 2.92 0.00	58.32 2.27 0.00	55.39 2.26 0.00	46.62 2.19 0.00	43.78 2.02 0.00
LOVETT___4 23642	39.34 1.24 0.00	36.32 1.13 0.00	34.55 1.04 0.00	36.40 1.16 0.00	38.11 1.27 0.00	51.85 1.86 0.00	61.80 2.38 0.00	72.17 2.96 0.00	39.93 1.51 0.00	56.37 2.09 0.00	68.12 2.46 0.00	64.08 2.52 0.00	61.56 2.43 0.00	52.11 2.11 0.00	62.91 2.50 0.00	79.67 2.85 0.00	90.76 3.62 0.00	104.22 4.59 0.00	82.57 3.34 0.00	74.31 2.92 0.00	58.32 2.27 0.00	55.39 2.26 0.00	46.62 2.19 0.00	43.78 2.02 0.00
LOVETT___5 23593	39.34 1.24 0.00	36.32 1.13 0.00	34.55 1.04 0.00	36.40 1.16 0.00	38.11 1.27 0.00	51.85 1.86 0.00	61.80 2.38 0.00	72.17 2.96 0.00	39.93 1.51 0.00	56.37 2.09 0.00	68.12 2.46 0.00	64.08 2.52 0.00	61.56 2.43 0.00	52.11 2.11 0.00	62.91 2.50 0.00	79.67 2.85 0.00	90.76 3.62 0.00	104.22 4.59 0.00	82.57 3.34 0.00	74.31 2.92 0.00	58.32 2.27 0.00	55.39 2.26 0.00	46.62 2.19 0.00	43.78 2.02 0.00
LOWER RAQUET___HYD 24057	39.48 1.39 0.00	36.34 1.15 0.00	34.56 1.05 0.00	36.29 1.04 0.00	37.90 1.06 0.00	51.47 1.48 0.00	61.20 1.78 0.00	71.50 2.28 0.00	39.83 1.40 0.00	56.31 2.04 0.00	68.29 2.63 0.00	63.81 2.25 0.00	61.16 2.04 0.00	51.69 1.69 0.00	62.25 1.84 0.00	78.69 1.87 0.00	88.44 1.30 0.00	101.10 1.48 0.00	80.67 1.43 0.00	73.00 1.62 0.00	57.84 1.79 0.00	54.79 1.66 0.00	45.54 1.11 0.00	42.69 0.92 0.00
LOWER___HUDSON 24059	38.39 0.29 0.00	35.55 0.36 0.00	33.94 0.43 0.00	35.85 0.60 0.00	37.54 0.71 0.00	51.04 1.05 0.00	60.67 1.25 0.00	70.20 0.98 0.00	38.85 0.43 0.00	54.70 0.42 0.00	66.36 0.70 0.00	62.42 0.85 0.00	60.14 1.02 0.00	51.02 1.02 0.00	61.61 1.19 0.00	78.54 1.72 0.00	89.14 1.99 0.00	101.61 1.99 0.00	80.74 1.51 0.00	72.71 1.33 0.00	56.93 0.88 0.00	54.18 1.04 0.00	45.43 0.99 0.00	42.80 1.03 0.00
LOWVILLE_115KV_TB2 356335	39.12 1.02 0.00	36.09 0.90 0.00	34.35 0.84 0.00	36.11 0.86 0.00	37.76 0.92 0.00	51.39 1.40 0.00	61.33 1.91 0.00	71.65 2.43 0.00	39.82 1.39 0.00	56.39 2.12 0.00	68.18 2.52 0.00	63.87 2.30 0.00	61.16 2.04 0.00	51.63 1.63 0.00	61.89 1.47 0.00	78.34 1.51 0.00	89.25 2.10 0.00	102.59 2.96 0.00	81.59 2.35 0.00	73.25 1.87 0.00	57.58 1.53 0.00	54.49 1.36 0.00	45.56 1.12 0.00	43.46 1.04 -0.66
LUTHERFT_115KV_GLOB_FND_222 355753	39.11 1.01 0.00	36.16 0.97 0.00	34.52 1.01 0.00	36.43 1.19 0.00	38.19 1.36 0.00	51.94 1.95 0.00	61.81 2.40 0.00	71.57 2.36 0.00	39.67 1.24 0.00	55.90 1.63 0.00	67.81 2.15 0.00	63.78 2.22 0.00	61.41 2.29 0.00	51.98 1.98 0.00	62.83 2.41 0.00	80.03 3.21 0.00	90.83 3.69 0.00	103.63 4.00 0.00	82.31 3.07 0.00	74.11 2.73 0.00	58.01 1.96 0.00	55.10 1.96 0.00	46.18 1.74 0.00	43.42 1.65 0.00

LUTHERNY_35_KV_BK2 355980	39.11 1.02 0.00	36.17 0.98 0.00	34.51 0.99 0.00	36.43 1.19 0.00	38.20 1.36 0.00	52.03 2.04 0.00	61.89 2.47 0.00	71.62 2.40 0.00	39.70 1.27 0.00	55.93 1.66 0.00	67.84 2.17 0.00	63.77 2.21 0.00	61.42 2.30 0.00	52.00 2.00 0.00	62.86 2.44 0.00	80.08 3.26 0.00	90.92 3.77 0.00	103.68 4.05 0.00	82.38 3.14 0.00	74.15 2.77 0.00	58.06 2.01 0.00	55.10 1.97 0.00	46.17 1.73 0.00	43.43 1.66 0.00
LWR___OSWEGATCHIE_HYD 23850	38.93 0.83 0.00	35.86 0.67 0.00	34.12 0.61 0.00	35.85 0.60 0.00	37.45 0.62 0.00	50.93 0.94 0.00	60.68 1.26 0.00	70.90 1.68 0.00	39.46 1.03 0.00	55.86 1.58 0.00	67.73 2.07 0.00	63.38 1.81 0.00	60.72 1.59 0.00	51.29 1.28 0.00	61.61 1.20 0.00	77.75 0.93 0.00	87.93 0.79 0.00	100.82 1.20 0.00	80.31 1.07 0.00	72.40 1.02 0.00	57.16 1.11 0.00	54.25 1.12 0.00	45.21 0.77 0.00	43.01 0.64 -0.61
LYONS_FALL_HYD 23570	39.03 0.93 0.00	36.04 0.85 0.00	34.31 0.80 0.00	36.07 0.82 0.00	37.72 0.88 0.00	51.33 1.33 0.00	61.22 1.80 0.00	71.45 2.24 0.00	39.69 1.26 0.00	56.18 1.90 0.00	67.91 2.24 0.00	63.58 2.02 0.00	60.96 1.84 0.00	51.51 1.51 0.00	61.90 1.48 0.00	78.51 1.68 0.00	89.37 2.23 0.00	102.56 2.93 0.00	81.52 2.28 0.00	73.27 1.89 0.00	57.54 1.49 0.00	54.45 1.31 0.00	45.53 1.10 0.00	43.18 1.00 -0.42
MADISON___COUNTY_LFGE 323628	39.06 0.96 0.00	36.14 0.95 0.00	34.42 0.91 0.00	36.21 0.96 0.00	37.89 1.06 0.00	51.58 1.59 0.00	61.48 2.06 0.00	71.72 2.50 0.00	39.81 1.38 0.00	56.32 2.05 0.00	67.92 2.26 0.00	63.62 2.06 0.00	61.09 1.97 0.00	51.70 1.69 0.00	62.27 1.86 0.00	79.22 2.39 0.00	90.17 3.03 0.00	102.99 3.36 0.00	81.75 2.52 0.00	73.53 2.15 0.00	57.65 1.60 0.00	54.50 1.37 0.00	45.60 1.16 0.00	42.80 1.04 0.00
MALONE___115KV_TB1 356076	39.47 1.37 0.00	36.32 1.13 0.00	34.57 1.06 0.00	36.29 1.05 0.00	37.88 1.05 0.00	51.37 1.37 0.00	61.12 1.71 0.00	71.46 2.25 0.00	39.84 1.41 0.00	56.36 2.09 0.00	68.31 2.65 0.00	63.79 2.22 0.00	61.13 2.01 0.00	51.65 1.65 0.00	62.37 1.95 0.00	79.14 2.32 0.00	89.51 2.36 0.00	102.36 2.73 0.00	81.69 2.45 0.00	73.61 2.23 0.00	57.92 1.87 0.00	54.76 1.63 0.00	45.48 1.04 0.00	42.62 0.85 0.00
MAPLEWOD_115KV_TB3 80458	38.43 0.33 0.00	35.59 0.40 0.00	33.97 0.46 0.00	35.86 0.61 0.00	37.48 0.64 0.00	50.80 0.80 0.00	60.25 0.83 0.00	69.91 0.70 0.00	38.71 0.28 0.00	54.55 0.28 0.00	66.14 0.47 0.00	62.19 0.63 0.00	59.87 0.75 0.00	50.77 0.77 0.00	61.34 0.92 0.00	78.16 1.33 0.00	88.71 1.57 0.00	101.21 1.59 0.00	80.40 1.17 0.00	72.42 1.04 0.00	56.80 0.75 0.00	53.99 0.86 0.00	45.27 0.83 0.00	42.63 0.86 0.00
MAPLE_RIDGE_WT_1 323574	38.26 0.16 0.00	35.30 0.11 0.00	33.62 0.10 0.00	35.35 0.11 0.00	36.91 0.08 0.00	50.10 0.11 0.00	59.57 0.15 0.00	69.41 0.20 0.00	38.54 0.12 0.00	54.44 0.17 0.00	65.86 0.19 0.00	61.62 0.06 0.00	59.10 -0.02 0.00	49.87 -0.14 0.00	60.09 -0.32 0.00	76.32 -0.50 0.00	86.73 -0.41 0.00	99.06 -0.56 0.00	78.96 -0.27 0.00	71.08 -0.30 0.00	55.89 -0.16 0.00	52.84 -0.30 0.00	44.30 -0.13 0.00	41.79 0.02 0.00
MAPLE_RIDGE_WT_2 323611	38.26 0.16 0.00	35.30 0.11 0.00	33.62 0.10 0.00	35.35 0.11 0.00	36.91 0.08 0.00	50.10 0.11 0.00	59.57 0.15 0.00	69.41 0.20 0.00	38.54 0.12 0.00	54.44 0.17 0.00	65.86 0.19 0.00	61.62 0.06 0.00	59.10 -0.02 0.00	49.87 -0.14 0.00	60.09 -0.32 0.00	76.32 -0.50 0.00	86.73 -0.41 0.00	99.06 -0.56 0.00	78.96 -0.27 0.00	71.08 -0.30 0.00	55.89 -0.16 0.00	52.84 -0.30 0.00	44.30 -0.13 0.00	41.79 0.02 0.00
MARBLE_RIVER_WT_PWR 323696	38.70 0.60 0.00	35.65 0.46 0.00	33.93 0.41 0.00	35.62 0.37 0.00	37.17 0.34 0.00	50.32 0.33 0.00	59.87 0.45 0.00	69.90 0.69 0.00	38.94 0.51 0.00	55.02 0.75 0.00	66.66 0.99 0.00	62.27 0.70 0.00	59.69 0.57 0.00	50.39 0.38 0.00	60.89 0.47 0.00	77.41 0.58 0.00	87.56 0.42 0.00	100.09 0.47 0.00	79.86 0.63 0.00	71.97 0.58 0.00	56.55 0.50 0.00	53.52 0.39 0.00	44.50 0.06 0.00	41.76 -0.01 0.00
MARSHVLE_115KV_TB1 80742	38.30 0.20 0.00	35.30 0.12 0.00	33.57 0.06 0.00	35.28 0.03 0.00	36.82 -0.02 0.00	50.05 0.05 0.00	59.54 0.13 0.00	69.71 0.49 0.00	38.65 0.22 0.00	54.63 0.35 0.00	66.09 0.43 0.00	61.58 0.02 0.00	59.17 0.05 0.00	50.15 0.14 0.00	60.53 0.11 0.00	76.91 0.08 0.00	87.33 0.19 0.00	100.23 0.61 0.00	79.70 0.46 0.00	71.83 0.44 0.00	56.40 0.35 0.00	53.52 0.39 0.00	44.70 0.27 0.00	41.83 0.06 0.00
MARSH_HILL_WT_PWR 323713	37.85 -0.25 0.00	34.30 -0.89 0.00	32.25 -1.26 0.00	33.90 -1.35 0.00	35.52 -1.31 0.00	48.32 -1.68 0.00	57.56 -1.86 0.00	66.41 -2.80 0.00	36.18 -2.25 0.00	51.38 -2.89 0.00	60.66 -5.00 0.00	46.31 -5.82 9.43	47.82 -5.92 5.38	40.39 -5.57 4.05	34.74 -6.81 18.87	21.75 -8.62 46.45	6.01 -9.38 71.75	77.54 -9.86 12.23	64.23 -7.20 7.81	64.41 -6.97 0.00	50.03 -6.02 0.00	47.75 -5.39 0.00	40.71 -3.73 0.00	37.95 -3.82 0.00
MCINTYRE_115KV_TB2 80467	40.26 2.17 0.00	37.04 1.85 0.00	35.23 1.72 0.00	36.98 1.73 0.00	38.63 1.79 0.00	52.50 2.50 0.00	62.41 2.99 0.00	72.97 3.76 0.00	40.64 2.21 0.00	57.45 3.18 0.00	69.62 3.96 0.00	65.03 3.47 0.00	62.28 3.16 0.00	52.69 2.69 0.00	63.19 2.77 0.00	80.28 3.45 0.00	90.74 3.60 0.00	103.80 4.18 0.00	82.84 3.61 0.00	74.84 3.46 0.00	59.02 2.97 0.00	55.85 2.71 0.00	46.38 1.94 0.00	43.43 1.67 0.00
MECO_____69_KV_BK1 80468	39.35 1.25 0.00	36.30 1.11 0.00	34.53 1.02 0.00	36.32 1.08 0.00	37.95 1.12 0.00	51.62 1.63 0.00	61.55 2.13 0.00	71.95 2.74 0.00	39.83 1.40 0.00	56.14 1.86 0.00	67.65 1.99 0.00	62.98 1.42 0.00	60.48 1.35 0.00	51.34 1.34 0.00	62.17 1.76 0.00	79.56 2.74 0.00	90.43 3.28 0.00	104.03 4.40 0.00	82.70 3.46 0.00	74.47 3.09 0.00	58.36 2.30 0.00	55.24 2.10 0.00	46.10 1.67 0.00	43.12 1.36 0.00
MENANDS___115KV_TB5 355628	38.24 0.15 0.00	35.44 0.25 0.00	33.83 0.32 0.00	35.71 0.46 0.00	37.31 0.48 0.00	50.51 0.51 0.00	59.84 0.43 0.00	69.44 0.22 0.00	38.43 0.00 0.00	54.14 -0.14 0.00	65.66 0.00 0.00	61.75 0.19 0.00	59.46 0.34 0.00	50.45 0.45 0.00	60.95 0.53 0.00	77.65 0.82 0.00	88.13 0.99 0.00	100.47 0.85 0.00	79.82 0.59 0.00	71.90 0.52 0.00	56.43 0.38 0.00	53.66 0.52 0.00	45.00 0.56 0.00	42.40 0.64 0.00
MG INDUSTRY___DRP 24185	38.41 0.31 0.00	35.59 0.39 0.00	33.95 0.44 0.00	35.80 0.55 0.00	37.41 0.57 0.00	50.65 0.66 0.00	60.01 0.59 0.00	69.70 0.49 0.00	38.57 0.14 0.00	54.35 0.07 0.00	65.84 0.17 0.00	61.86 0.29 0.00	59.51 0.39 0.00	50.46 0.46 0.00	60.96 0.54 0.00	77.62 0.80 0.00	88.12 0.97 0.00	100.51 0.88 0.00	79.83 0.59 0.00	71.90 0.52 0.00	56.52 0.47 0.00	53.72 0.58 0.00	45.05 0.62 0.00	42.43 0.66 0.00

MID___OSWEGATCHIE_HYD 23849	38.93 0.83 0.00	35.86 0.67 0.00	34.12 0.61 0.00	35.85 0.60 0.00	37.45 0.62 0.00	50.93 0.94 0.00	60.68 1.26 0.00	70.90 1.68 0.00	39.46 1.03 0.00	55.86 1.58 0.00	67.73 2.07 0.00	63.38 1.81 0.00	60.72 1.59 0.00	51.29 1.28 0.00	61.61 1.20 0.00	77.75 0.93 0.00	87.93 0.79 0.00	100.82 1.20 0.00	80.31 1.07 0.00	72.40 1.02 0.00	57.16 1.11 0.00	54.25 1.12 0.00	45.21 0.77 0.00	43.01 0.64 -0.61
MID___RAQUETTE_HYD 23851	39.49 1.38 0.00	36.34 1.15 0.00	34.56 1.05 0.00	36.29 1.04 0.00	37.90 1.06 0.00	51.47 1.48 0.00	61.20 1.78 0.00	71.50 2.28 0.00	39.83 1.40 0.00	56.31 2.04 0.00	68.29 2.63 0.00	63.81 2.25 0.00	61.16 2.04 0.00	51.69 1.69 0.00	62.25 1.83 0.00	78.68 1.86 0.00	88.44 1.30 0.00	101.09 1.47 0.00	80.67 1.44 0.00	73.00 1.62 0.00	57.84 1.79 0.00	54.79 1.66 0.00	45.54 1.11 0.00	42.69 0.92 0.00
MILLIKEN___1 23584	38.67 0.57 0.00	35.68 0.49 0.00	33.93 0.42 0.00	35.69 0.44 0.00	37.31 0.48 0.00	50.66 0.67 0.00	60.31 0.90 0.00	70.24 1.02 0.00	38.96 0.53 0.00	55.24 0.97 0.00	66.52 0.86 0.00	69.23 0.63 -7.03	63.36 0.50 -3.74	53.43 0.41 -3.02	74.96 0.48 -14.06	112.98 0.65 -35.51	147.31 0.89 -59.28	111.25 1.27 -10.35	86.83 0.98 -6.61	72.24 0.86 0.00	56.55 0.49 0.00	53.51 0.38 0.00	44.87 0.44 0.00	42.58 0.37 -0.45
MILLIKEN___2 23585	38.67 0.57 0.00	35.68 0.49 0.00	33.93 0.42 0.00	35.69 0.44 0.00	37.31 0.48 0.00	50.66 0.67 0.00	60.31 0.90 0.00	70.24 1.02 0.00	38.96 0.53 0.00	55.24 0.97 0.00	66.52 0.86 0.00	69.23 0.63 -7.03	63.36 0.50 -3.74	53.43 0.41 -3.02	74.96 0.48 -14.06	112.98 0.65 -35.51	147.31 0.89 -59.28	111.25 1.27 -10.35	86.83 0.98 -6.61	72.24 0.86 0.00	56.55 0.49 0.00	53.51 0.38 0.00	44.87 0.44 0.00	42.58 0.37 -0.45
MILLIKEN___DIESEL 23629	38.67 0.57 0.00	35.68 0.49 0.00	33.93 0.42 0.00	35.69 0.44 0.00	37.31 0.48 0.00	50.66 0.67 0.00	60.31 0.90 0.00	70.24 1.02 0.00	38.96 0.53 0.00	55.24 0.97 0.00	66.52 0.86 0.00	69.23 0.63 -7.03	63.36 0.50 -3.74	53.43 0.41 -3.02	74.96 0.48 -14.06	112.98 0.65 -35.51	147.31 0.89 -59.28	111.25 1.27 -10.35	86.83 0.98 -6.61	72.24 0.86 0.00	56.55 0.49 0.00	53.51 0.38 0.00	44.87 0.44 0.00	42.58 0.37 -0.45
MILLSEAT___LFGE 323607	38.64 0.53 0.00	35.38 0.19 0.00	33.46 -0.05 0.00	35.19 -0.06 0.00	36.66 -0.18 0.00	49.23 -0.77 0.00	57.79 -1.63 0.00	66.84 -2.37 0.00	37.21 -1.22 0.00	53.18 -1.10 0.00	63.52 -2.14 0.00	56.41 -2.53 2.63	55.62 -2.61 0.89	46.57 -2.30 1.13	52.11 -3.05 5.26	60.08 -4.04 12.70	63.88 -4.81 18.45	91.30 -5.25 3.07	72.96 -4.30 1.98	67.31 -4.07 0.00	52.65 -3.41 0.00	49.80 -3.33 0.00	41.99 -2.44 0.00	39.63 -2.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.39 1.29 0.00	36.38 1.19 0.00	34.60 1.09 0.00	36.45 1.20 0.00	38.15 1.32 0.00	51.91 1.92 0.00	61.86 2.44 0.00	72.25 3.03 0.00	39.99 1.56 0.00	56.42 2.14 0.00	68.19 2.53 0.00	64.19 2.63 0.00	61.67 2.55 0.00	52.24 2.24 0.00	63.08 2.66 0.00	79.85 3.03 0.00	90.93 3.78 0.00	104.37 4.75 0.00	82.72 3.48 0.00	74.41 3.03 0.00	58.42 2.36 0.00	55.48 2.35 0.00	46.69 2.25 0.00	43.83 2.06 0.00
MILLWOOD_13_KV_LOAD 356217	39.47 1.37 0.00	36.44 1.25 0.00	34.67 1.16 0.00	36.52 1.27 0.00	38.22 1.39 0.00	52.02 2.02 0.00	61.98 2.57 0.00	72.41 3.20 0.00	40.07 1.65 0.00	56.56 2.29 0.00	68.34 2.68 0.00	64.32 2.75 0.00	61.80 2.68 0.00	52.36 2.36 0.00	63.23 2.81 0.00	80.06 3.24 0.00	91.15 4.01 0.00	104.66 5.04 0.00	82.95 3.71 0.00	74.61 3.23 0.00	58.57 2.52 0.00	55.62 2.49 0.00	46.79 2.36 0.00	43.91 2.15 0.00
MODEL_CITY_ENERGY 24167	37.63 -0.47 0.00	34.47 -0.72 0.00	32.57 -0.94 0.00	34.27 -0.98 0.00	35.65 -1.19 0.00	47.67 -2.32 0.00	55.59 -3.83 0.00	64.09 -5.12 0.00	35.65 -2.78 0.00	51.02 -3.26 0.00	60.87 -4.79 0.00	53.62 -5.02 2.93	53.11 -5.03 0.99	44.49 -4.26 1.26	49.18 -5.39 5.85	55.72 -6.98 14.12	58.30 -8.32 20.52	86.63 -9.57 3.42	69.29 -7.75 2.20	64.26 -7.12 0.00	50.33 -5.72 0.00	47.76 -5.38 0.00	40.37 -4.06 0.00	38.24 -3.52 0.00
MODERN_LFGE___ 323580	37.63 -0.47 0.00	34.47 -0.72 0.00	32.57 -0.94 0.00	34.27 -0.98 0.00	35.65 -1.19 0.00	47.67 -2.32 0.00	55.59 -3.83 0.00	64.09 -5.12 0.00	35.65 -2.78 0.00	51.02 -3.26 0.00	60.87 -4.79 0.00	53.62 -5.02 2.93	53.11 -5.03 0.99	44.49 -4.26 1.26	49.18 -5.39 5.85	55.72 -6.98 14.12	58.30 -8.32 20.52	86.63 -9.57 3.42	69.29 -7.75 2.20	64.26 -7.12 0.00	50.33 -5.72 0.00	47.76 -5.38 0.00	40.37 -4.06 0.00	38.24 -3.52 0.00
MOHAWK_PAPER___DRP 24187	38.43 0.33 0.00	35.59 0.40 0.00	33.97 0.46 0.00	35.86 0.61 0.00	37.48 0.64 0.00	50.80 0.80 0.00	60.25 0.83 0.00	69.91 0.70 0.00	38.71 0.28 0.00	54.55 0.28 0.00	66.14 0.47 0.00	62.19 0.63 0.00	59.87 0.75 0.00	50.77 0.77 0.00	61.34 0.92 0.00	78.16 1.33 0.00	88.71 1.57 0.00	101.21 1.59 0.00	80.40 1.17 0.00	72.42 1.04 0.00	56.80 0.75 0.00	53.99 0.86 0.00	45.27 0.83 0.00	42.63 0.86 0.00
MOHICAN___35_KV_115KV_LD 80490	39.36 1.26 0.00	36.35 1.16 0.00	34.76 1.25 0.00	36.73 1.49 0.00	38.63 1.79 0.00	52.48 2.49 0.00	62.50 3.08 0.00	72.13 2.92 0.00	40.04 1.61 0.00	56.43 2.16 0.00	68.67 3.00 0.00	64.83 3.27 0.00	62.42 3.30 0.00	52.69 2.68 0.00	63.63 3.22 0.00	81.11 4.28 0.00	91.97 4.83 0.00	104.71 5.08 0.00	83.10 3.87 0.00	75.01 3.63 0.00	58.52 2.47 0.00	55.59 2.46 0.00	46.64 2.20 0.00	43.73 1.96 0.00
MONGAUP___HYD 23641	39.70 1.60 0.00	36.67 1.48 0.00	34.86 1.35 0.00	36.72 1.47 0.00	38.44 1.61 0.00	52.31 2.32 0.00	62.39 2.97 0.00	72.78 3.57 0.00	40.10 1.67 0.00	56.39 2.12 0.00	67.93 2.27 0.00	64.40 2.84 0.00	61.85 2.73 0.00	52.29 2.29 0.00	62.82 2.41 0.00	79.96 3.14 0.00	91.59 4.45 0.00	105.26 5.63 0.00	83.53 4.29 0.00	75.19 3.81 0.00	59.02 2.96 0.00	55.95 2.82 0.00	46.97 2.53 0.00	44.04 2.27 0.00
MONTAUK___DIESEL 23721	38.52 0.42 0.00	35.61 0.41 0.00	33.80 0.29 0.00	35.57 0.32 0.00	37.24 0.41 0.00	51.58 1.07 -0.52	65.14 2.01 -3.72	84.37 2.70 -12.45	44.67 0.87 -5.36	62.57 0.50 -7.80	69.29 0.75 -2.88	68.65 1.08 -6.01	68.60 1.24 -8.24	68.62 1.49 -17.13	250.56 2.05 -188.09	283.31 2.29 -204.20	207.38 2.44 -117.79	255.17 4.28 -151.27	172.63 3.27 -90.12	117.69 2.60 -43.71	87.16 1.91 -29.19	65.38 1.81 -10.44	54.82 1.86 -8.53	83.94 1.25 -40.92
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.33 0.23 0.00	34.98 -0.21 0.00	33.22 -0.30 0.00	34.92 -0.33 0.00	36.16 -0.68 0.00	48.71 -1.29 0.00	58.04 -1.38 0.00	67.11 -2.11 0.00	36.95 -1.48 0.00	52.85 -1.43 0.00	63.13 -2.54 0.00	55.03 -2.90 3.64	54.76 -3.05 1.31	45.60 -2.84 1.56	49.43 -3.72 7.27	54.78 -4.53 17.51	56.67 -5.07 25.39	89.44 -5.96 4.23	71.89 -4.63 2.71	67.06 -4.32 0.00	52.64 -3.41 0.00	49.74 -3.39 0.00	41.97 -2.46 0.00	39.37 -2.40 0.00

MORRIS_RIDGE___SOLAR 323848	37.61 -0.49 0.00	34.32 -0.87 0.00	32.36 -1.16 0.00	34.03 -1.22 0.00	35.53 -1.31 0.00	48.00 -1.99 0.00	56.93 -2.48 0.00	65.65 -3.57 0.00	36.08 -2.35 0.00	51.41 -2.86 0.00	61.06 -4.61 0.00	50.40 -5.04 6.13	49.68 -5.15 4.30	42.51 -4.86 2.63	42.15 -6.01 12.26	39.25 -7.74 29.84	34.10 -8.62 44.42	83.42 -8.73 7.47	68.06 -6.40 4.78	65.28 -6.10 0.00	50.86 -5.20 0.00	48.27 -4.86 0.00	40.94 -3.49 0.00	38.43 -3.33 0.00
MORTIMER_115KV_TB3 55949	38.17 0.07 0.00	35.06 -0.12 0.00	33.25 -0.26 0.00	34.95 -0.30 0.00	36.45 -0.38 0.00	49.23 -0.76 0.00	58.26 -1.16 0.00	67.60 -1.61 0.00	37.58 -0.84 0.00	53.53 -0.75 0.00	64.26 -1.40 0.00	58.11 -1.70 1.76	56.71 -1.76 0.66	47.73 -1.52 0.76	54.86 -2.04 3.52	65.48 -2.84 8.51	71.48 -3.36 12.31	94.07 -3.51 2.04	74.98 -2.94 1.32	68.65 -2.73 0.00	53.75 -2.30 0.00	50.85 -2.28 0.00	42.72 -1.71 0.00	40.18 -1.59 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.77 1.67 0.00	36.70 1.51 0.00	34.90 1.39 0.00	36.75 1.50 0.00	38.46 1.62 0.00	52.25 2.26 0.00	62.25 2.84 0.00	72.81 3.59 0.00	40.34 1.91 0.00	56.85 2.57 0.00	68.64 2.98 0.00	64.66 3.10 0.00	62.12 3.00 0.00	52.68 2.67 0.00	63.59 3.17 0.00	80.42 3.59 0.00	91.54 4.40 0.00	105.13 5.50 0.00	83.28 4.04 0.00	74.85 3.47 0.00	58.78 2.73 0.00	55.89 2.76 0.00	47.01 2.57 0.00	44.12 2.36 0.00
MUNSVILLE_WIND_PWR 323609	39.72 1.62 0.00	36.65 1.46 0.00	34.74 1.23 0.00	36.59 1.34 0.00	38.26 1.42 0.00	52.08 2.09 0.00	62.14 2.73 0.00	72.68 3.46 0.00	40.18 1.76 0.00	56.93 2.66 0.00	68.39 2.72 0.00	67.48 2.20 -3.72	62.87 1.95 -1.80	53.04 1.44 -1.60	69.26 1.41 -7.43	97.71 2.32 -18.56	120.59 3.60 -29.84	108.99 4.22 -5.15	86.21 3.68 -3.29	75.13 3.75 0.00	58.83 2.77 0.00	55.70 2.57 0.00	46.79 2.36 0.00	43.72 1.95 0.00
N SALMON___HYD 24042	39.47 1.37 0.00	36.32 1.13 0.00	34.57 1.06 0.00	36.29 1.05 0.00	37.88 1.05 0.00	51.37 1.37 0.00	61.12 1.71 0.00	71.46 2.25 0.00	39.84 1.41 0.00	56.36 2.09 0.00	68.31 2.65 0.00	63.79 2.22 0.00	61.13 2.01 0.00	51.65 1.65 0.00	62.37 1.96 0.00	79.15 2.33 0.00	89.51 2.37 0.00	102.35 2.73 0.00	81.69 2.45 0.00	73.61 2.22 0.00	57.92 1.87 0.00	54.76 1.63 0.00	45.48 1.04 0.00	42.61 0.85 0.00
N.AKRON__115KV_KNAPP 355671	38.46 0.36 0.00	35.21 0.02 0.00	33.29 -0.22 0.00	35.02 -0.23 0.00	36.46 -0.37 0.00	48.91 -1.08 0.00	57.35 -2.07 0.00	66.26 -2.96 0.00	36.87 -1.55 0.00	52.75 -1.53 0.00	62.97 -2.69 0.00	55.83 -3.02 2.71	55.09 -3.12 0.92	46.16 -2.67 1.16	51.50 -3.49 5.43	59.14 -4.58 13.11	62.54 -5.55 19.04	90.26 -6.20 3.17	72.14 -5.06 2.04	66.64 -4.75 0.00	52.14 -3.91 0.00	49.37 -3.76 0.00	41.68 -2.76 0.00	39.34 -2.43 0.00
N.E_GEN_SANDY PD 24062	38.16 0.06 0.00	35.38 0.19 0.00	33.83 0.31 0.00	35.76 0.51 0.00	37.44 0.61 0.00	50.18 0.85 0.67	60.78 1.01 -0.36	69.26 0.51 0.47	36.81 0.10 1.72	54.16 -0.11 0.00	65.77 0.10 0.00	62.26 0.32 -0.38	59.70 0.60 0.03	50.75 0.75 0.00	60.70 0.83 0.55	78.84 1.42 -0.59	83.86 1.62 4.89	100.63 1.41 0.40	80.34 1.10 0.00	70.47 0.95 1.86	56.56 0.51 0.00	53.94 0.80 0.00	45.28 0.84 0.00	46.35 0.97 -3.61
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.38 1.28 0.00	36.36 1.17 0.00	34.58 1.07 0.00	36.45 1.20 0.00	38.17 1.33 0.00	51.92 1.93 0.00	61.89 2.48 0.00	72.26 3.04 0.00	39.99 1.56 0.00	56.47 2.20 0.00	68.23 2.56 0.00	64.17 2.61 0.00	61.65 2.53 0.00	52.16 2.15 0.00	62.95 2.53 0.00	79.75 2.92 0.00	90.87 3.72 0.00	104.35 4.72 0.00	82.68 3.44 0.00	74.42 3.03 0.00	58.42 2.37 0.00	55.46 2.32 0.00	46.68 2.25 0.00	43.84 2.08 0.00
N.QUEENS_27_KV_LOAD 356247	39.71 1.62 0.01	36.64 1.46 0.00	34.82 1.31 0.00	36.68 1.43 0.00	38.38 1.55 0.00	52.21 2.22 0.00	62.32 2.90 0.00	72.96 3.75 0.00	40.54 2.11 0.00	56.98 2.71 0.00	68.75 3.09 0.00	64.86 3.29 0.00	62.25 3.13 0.00	52.88 2.88 0.00	63.68 3.26 0.00	80.46 3.64 0.00	91.71 4.57 0.00	105.35 5.73 0.00	83.40 4.16 0.00	74.94 3.56 0.00	58.90 2.85 0.00	56.04 2.90 0.00	47.13 2.70 0.00	44.24 2.48 0.00
N.TROY___115KV_TB1 355778	38.39 0.29 0.00	35.55 0.36 0.00	33.94 0.43 0.00	35.85 0.60 0.00	37.54 0.71 0.00	51.04 1.05 0.00	60.67 1.25 0.00	70.20 0.98 0.00	38.85 0.43 0.00	54.70 0.42 0.00	66.36 0.70 0.00	62.42 0.85 0.00	60.15 1.02 0.00	51.02 1.01 0.00	61.61 1.19 0.00	78.54 1.72 0.00	89.14 1.99 0.00	101.60 1.97 0.00	80.74 1.50 0.00	72.71 1.33 0.00	56.94 0.88 0.00	54.18 1.04 0.00	45.43 0.99 0.00	42.80 1.03 0.00
NARROWS_GT1_1 24228	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT1_2 24229	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT1_3 24230	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT1_4 24231	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT1_5 24232	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00

NARROWS_GT1_6 24233	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT1_7 24234	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT1_8 24235	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT2_1 24236	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT2_2 24237	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT2_3 24238	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT2_4 24239	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT2_5 24240	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT2_6 24241	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT2_7 24242	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NARROWS_GT2_8 24243	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.44 0.00	62.35 2.93 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.45 5.82 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.95 0.85 0.00	36.08 0.89 0.00	34.42 0.91 0.00	36.32 1.07 0.00	37.96 1.12 0.00	51.40 1.41 0.00	60.93 1.51 0.00	70.85 1.63 0.00	39.17 0.74 0.00	55.18 0.90 0.00	66.95 1.29 0.00	62.93 1.37 0.00	60.52 1.40 0.00	51.27 1.27 0.00	61.99 1.57 0.00	79.24 2.41 0.00	89.96 2.82 0.00	102.89 3.27 0.00	81.69 2.46 0.00	73.46 2.07 0.00	57.65 1.60 0.00	54.67 1.54 0.00	45.75 1.31 0.00	42.99 1.22 0.00
NCHELSEA_115KV_TR2 355582	39.68 1.58 0.00	36.63 1.44 0.00	34.85 1.34 0.00	36.71 1.46 0.00	38.42 1.59 0.00	52.28 2.29 0.00	62.34 2.92 0.00	72.77 3.56 0.00	40.25 1.82 0.00	56.83 2.55 0.00	68.65 2.98 0.00	64.62 3.05 0.00	62.14 3.02 0.00	52.63 2.63 0.00	63.60 3.18 0.00	80.57 3.74 0.00	91.73 4.59 0.00	105.29 5.66 0.00	83.48 4.24 0.00	75.10 3.72 0.00	58.93 2.88 0.00	55.92 2.79 0.00	46.98 2.54 0.00	44.06 2.30 0.00
NEG CAPITAL___MECHNVIL 23645	39.13 1.03 0.00	36.19 1.00 0.00	34.55 1.03 0.00	36.47 1.23 0.00	38.22 1.39 0.00	51.98 1.98 0.00	61.85 2.44 0.00	71.63 2.41 0.00	39.69 1.26 0.00	55.93 1.66 0.00	67.87 2.21 0.00	63.83 2.27 0.00	61.47 2.34 0.00	52.07 2.06 0.00	62.91 2.49 0.00	80.16 3.34 0.00	90.99 3.85 0.00	103.79 4.17 0.00	82.46 3.22 0.00	74.21 2.83 0.00	58.10 2.05 0.00	55.19 2.05 0.00	46.23 1.79 0.00	43.48 1.71 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.29 -0.82 0.00	34.29 -0.90 0.00	32.56 -0.96 0.00	34.24 -1.01 0.00	35.72 -1.11 0.00	48.35 -1.64 0.00	57.32 -2.10 0.00	66.59 -2.63 0.00	37.02 -1.41 0.00	52.65 -1.63 0.00	63.32 -2.35 0.00	58.16 -2.54 0.86	56.31 -2.57 0.25	47.47 -2.16 0.37	55.96 -2.74 1.72	69.08 -3.64 4.10	77.37 -4.25 5.52	94.20 -4.54 0.89	74.88 -3.77 0.58	67.86 -3.52 0.00	53.14 -2.91 0.00	50.23 -2.91 0.00	42.13 -2.31 0.00	40.10 -2.16 -0.49

NEG CENTRAL___DRP 24199	38.06 -0.04 0.00	35.08 -0.11 0.00	33.36 -0.15 0.00	35.07 -0.18 0.00	36.65 -0.19 0.00	49.71 -0.28 0.00	59.11 -0.31 0.00	68.72 -0.50 0.00	38.18 -0.25 0.00	54.18 -0.10 0.00	65.27 -0.40 0.00	60.96 -0.60 0.00	58.38 -0.74 0.00	49.44 -0.56 0.00	59.71 -0.71 0.00	75.85 -0.98 0.00	86.06 -1.08 0.00	98.66 -0.96 0.00	78.34 -0.90 0.00	70.49 -0.90 0.00	55.15 -0.90 0.00	52.18 -0.96 0.00	43.73 -0.71 0.00	42.23 -0.67 -1.14
NEG CENTRAL___INDECK 23768	39.37 1.27 0.00	36.00 0.82 0.00	34.04 0.53 0.00	35.80 0.55 0.00	37.38 0.55 0.00	50.58 0.59 0.00	60.19 0.78 0.00	69.87 0.65 0.00	38.66 0.23 0.00	54.98 0.70 0.00	65.65 -0.01 0.00	55.31 -0.75 5.50	54.76 -1.21 3.16	46.08 -1.57 2.36	46.40 -3.01 11.01	45.35 -4.57 26.91	41.62 -4.85 40.67	87.83 -4.91 6.88	71.15 -3.69 4.40	67.80 -3.58 0.00	53.05 -3.00 0.00	51.43 -1.70 0.00	43.59 -0.84 0.00	40.81 -0.96 0.00
NEG CENTRAL___SENECA 23627	38.13 0.04 0.00	35.10 -0.09 0.00	33.36 -0.15 0.00	35.07 -0.18 0.00	36.65 -0.18 0.00	49.67 -0.33 0.00	59.04 -0.38 0.00	68.65 -0.57 0.00	38.14 -0.29 0.00	54.18 -0.10 0.00	65.20 -0.46 0.00	60.26 -0.73 0.58	58.27 -0.86 0.00	49.07 -0.69 0.25	58.41 -0.85 1.16	73.29 -1.18 2.36	84.86 -1.37 0.90	98.39 -1.24 0.00	78.05 -1.19 0.00	70.22 -1.16 0.00	54.95 -1.10 0.00	51.94 -1.19 0.00	43.53 -0.90 0.00	41.70 -0.86 -0.79
NEG CENTRAL___STATE_STREET 24147	38.18 0.08 0.00	35.22 0.03 0.00	33.52 0.01 0.00	35.27 0.03 0.00	36.87 0.03 0.00	50.04 0.05 0.00	59.57 0.15 0.00	69.03 -0.18 0.00	38.33 -0.10 0.00	54.44 0.16 0.00	65.66 0.00 0.00	62.68 -0.14 -1.25	59.44 -0.42 -0.73	50.33 -0.22 -0.54	62.68 -0.25 -2.51	82.84 -0.39 -6.41	97.94 -0.33 -11.13	101.38 -0.21 -1.97	80.26 -0.23 -1.26	71.13 -0.25 0.00	55.56 -0.49 0.00	52.67 -0.46 0.00	44.17 -0.26 0.00	42.79 -0.26 -1.29
NEG MILLWOOD___DRP 24198	39.77 1.67 0.00	36.71 1.52 0.00	34.92 1.41 0.00	36.78 1.53 0.00	38.50 1.67 0.00	52.41 2.41 0.00	62.49 3.07 0.00	72.98 3.76 0.00	40.38 1.95 0.00	56.98 2.70 0.00	68.87 3.21 0.00	64.84 3.28 0.00	62.34 3.22 0.00	52.82 2.82 0.00	63.83 3.41 0.00	80.87 4.05 0.00	92.06 4.92 0.00	105.70 6.08 0.00	83.79 4.55 0.00	75.35 3.97 0.00	59.13 3.08 0.00	56.11 2.98 0.00	47.15 2.71 0.00	44.20 2.44 0.00
NEG NORTH_FLCN_SEA 23793	38.73 0.63 0.00	35.66 0.47 0.00	33.94 0.43 0.00	35.63 0.38 0.00	37.16 0.33 0.00	50.10 0.10 0.00	59.66 0.24 0.00	69.67 0.46 0.00	38.83 0.40 0.00	54.87 0.59 0.00	66.47 0.80 0.00	62.07 0.51 0.00	59.49 0.36 0.00	50.20 0.20 0.00	60.64 0.22 0.00	77.11 0.28 0.00	87.27 0.12 0.00	99.76 0.14 0.00	79.59 0.36 0.00	71.69 0.31 0.00	56.34 0.29 0.00	53.28 0.15 0.00	44.28 -0.15 0.00	41.58 -0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	38.88 0.78 0.00	35.80 0.61 0.00	34.07 0.56 0.00	35.77 0.52 0.00	37.32 0.49 0.00	50.56 0.57 0.00	60.15 0.73 0.00	70.25 1.04 0.00	39.13 0.70 0.00	55.30 1.02 0.00	66.99 1.32 0.00	62.57 1.01 0.00	59.98 0.85 0.00	50.65 0.65 0.00	61.23 0.82 0.00	77.85 1.03 0.00	88.08 0.94 0.00	100.77 1.15 0.00	80.42 1.18 0.00	72.44 1.06 0.00	56.92 0.87 0.00	53.84 0.71 0.00	44.76 0.32 0.00	41.97 0.20 0.00
NEG NORTH___ALICE_FALLS 23915	39.10 1.01 0.00	35.98 0.79 0.00	34.24 0.72 0.00	35.94 0.69 0.00	37.50 0.67 0.00	50.70 0.71 0.00	60.39 0.98 0.00	70.54 1.33 0.00	39.32 0.89 0.00	55.58 1.30 0.00	67.32 1.66 0.00	62.86 1.29 0.00	60.23 1.10 0.00	50.84 0.84 0.00	61.43 1.01 0.00	78.15 1.32 0.00	88.51 1.37 0.00	101.25 1.63 0.00	80.81 1.57 0.00	72.74 1.36 0.00	57.15 1.10 0.00	54.00 0.87 0.00	44.87 0.43 0.00	42.08 0.32 0.00
NEG NORTH___LWR_SARANAC 23913	39.10 1.01 0.00	35.98 0.79 0.00	34.24 0.72 0.00	35.94 0.69 0.00	37.50 0.67 0.00	50.70 0.71 0.00	60.39 0.98 0.00	70.54 1.33 0.00	39.32 0.89 0.00	55.58 1.30 0.00	67.32 1.66 0.00	62.86 1.29 0.00	60.23 1.10 0.00	50.84 0.84 0.00	61.43 1.01 0.00	78.15 1.32 0.00	88.51 1.37 0.00	101.25 1.63 0.00	80.81 1.57 0.00	72.74 1.36 0.00	57.15 1.10 0.00	54.00 0.87 0.00	44.87 0.43 0.00	42.08 0.32 0.00
NEG NORTH___PLATTSBURG 23628	39.10 1.00 0.00	35.98 0.79 0.00	34.24 0.73 0.00	35.94 0.69 0.00	37.50 0.67 0.00	50.70 0.71 0.00	60.39 0.98 0.00	70.54 1.33 0.00	39.31 0.89 0.00	55.58 1.30 0.00	67.32 1.66 0.00	62.86 1.29 0.00	60.23 1.10 0.00	50.85 0.84 0.00	61.43 1.01 0.00	78.16 1.34 0.00	88.51 1.37 0.00	101.25 1.63 0.00	80.82 1.58 0.00	72.73 1.35 0.00	57.15 1.10 0.00	54.00 0.87 0.00	44.87 0.43 0.00	42.09 0.32 0.00
NEG WEST_LEA_LOCKPORT 23791	37.87 -0.23 0.00	34.67 -0.52 0.00	32.76 -0.75 0.00	34.47 -0.78 0.00	35.87 -0.97 0.00	48.04 -1.95 0.00	56.20 -3.21 0.00	64.81 -4.40 0.00	36.03 -2.40 0.00	51.56 -2.71 0.00	61.52 -4.14 0.00	54.24 -4.42 2.91	53.70 -4.47 0.96	44.95 -3.80 1.25	49.73 -4.87 5.82	56.43 -6.34 14.06	59.03 -7.65 20.46	87.60 -8.62 3.41	70.09 -6.96 2.19	64.98 -6.40 0.00	50.88 -5.17 0.00	48.24 -4.90 0.00	40.78 -3.65 0.00	38.54 -3.22 0.00
NEG WEST___LANCASTR 23811	37.81 -0.29 0.00	34.62 -0.57 0.00	32.74 -0.77 0.00	34.38 -0.87 0.00	35.83 -1.00 0.00	48.24 -1.76 0.00	57.03 -2.38 0.00	65.83 -3.38 0.00	36.42 -2.01 0.00	52.02 -2.26 0.00	62.16 -3.51 0.00	54.17 -3.70 3.70	54.01 -3.79 1.33	45.11 -3.31 1.59	48.83 -4.19 7.40	53.47 -5.53 17.83	54.87 -6.43 25.85	88.10 -7.23 4.30	70.72 -5.76 2.76	66.10 -5.28 0.00	51.73 -4.32 0.00	48.98 -4.15 0.00	41.39 -3.05 0.00	38.90 -2.86 0.00
NEG_PENN_ALLEGHNY 23528	38.30 0.19 0.00	35.32 0.13 0.00	33.61 0.10 0.00	35.35 0.10 0.00	36.95 0.11 0.00	50.12 0.13 0.00	59.66 0.24 0.00	69.48 0.27 0.00	38.46 0.03 0.00	54.46 0.19 0.00	65.63 -0.03 0.00	60.96 -0.10 0.50	58.30 -0.12 0.70	49.61 -0.19 0.21	59.16 -0.26 1.00	73.39 -0.39 3.04	78.90 -0.37 7.87	97.87 -0.23 1.52	78.04 -0.23 0.97	71.21 -0.18 0.00	55.89 -0.16 0.00	52.91 -0.22 0.00	44.42 -0.02 0.00	41.71 -0.05 0.00
NEG___GEN_MONROE 24207	38.66 0.56 0.00	35.51 0.33 0.00	33.70 0.19 0.00	35.40 0.16 0.00	36.91 0.08 0.00	49.83 -0.17 0.00	58.78 -0.64 0.00	68.06 -1.16 0.00	37.84 -0.59 0.00	53.92 -0.36 0.00	64.69 -0.97 0.00	58.42 -1.34 1.81	57.05 -1.41 0.67	48.01 -1.22 0.78	55.08 -1.72 3.61	65.65 -2.43 8.74	71.64 -2.85 12.64	94.56 -2.97 2.10	75.38 -2.50 1.36	69.01 -2.37 0.00	54.01 -2.04 0.00	51.08 -2.05 0.00	42.93 -1.51 0.00	40.38 -1.38 0.00
NEPA___ENERGY 23901	37.56 -0.54 0.00	34.38 -0.81 0.00	32.56 -0.95 0.00	34.19 -1.06 0.00	35.64 -1.20 0.00	47.98 -2.01 0.00	57.11 -2.31 0.00	65.83 -3.38 0.00	36.15 -2.27 0.00	51.78 -2.50 0.00	61.75 -3.91 0.00	53.71 -4.18 3.67	53.61 -4.17 1.35	44.58 -3.85 1.58	48.24 -4.83 7.35	52.83 -6.31 17.68	54.35 -7.17 25.62	87.58 -7.79 4.26	70.48 -6.02 2.74	65.96 -5.42 0.00	51.71 -4.34 0.00	48.96 -4.17 0.00	41.44 -3.00 0.00	38.93 -2.84 0.00

NEVERSINK___HYD 23608	39.05 0.96 0.00	36.04 0.85 0.00	34.29 0.78 0.00	36.11 0.87 0.00	37.81 0.98 0.00	51.48 1.49 0.00	61.43 2.02 0.00	71.73 2.52 0.00	39.64 1.21 0.00	56.03 1.75 0.00	67.48 1.82 0.00	63.49 1.93 0.00	61.08 1.96 0.00	51.65 1.65 0.00	62.39 1.97 0.00	79.07 2.24 0.00	90.33 3.19 0.00	103.80 4.18 0.00	82.33 3.09 0.00	74.07 2.69 0.00	58.11 2.05 0.00	55.11 1.97 0.00	46.24 1.80 0.00	43.34 1.58 0.00
NEWKRMKL_115KV_TB1 55635	38.25 0.15 0.00	35.44 0.25 0.00	33.82 0.31 0.00	35.69 0.44 0.00	37.28 0.44 0.00	50.37 0.38 0.00	59.56 0.14 0.00	69.21 0.00 0.00	38.30 -0.13 0.00	53.99 -0.28 0.00	65.46 -0.21 0.00	61.56 0.00 0.00	59.27 0.14 0.00	50.27 0.27 0.00	60.73 0.32 0.00	77.37 0.55 0.00	87.85 0.71 0.00	100.17 0.55 0.00	79.56 0.32 0.00	71.67 0.28 0.00	56.31 0.25 0.00	53.51 0.38 0.00	44.88 0.44 0.00	42.27 0.51 0.00
NEWTON___FALLS_HYD 23847	38.93 0.83 0.00	35.86 0.67 0.00	34.12 0.61 0.00	35.85 0.60 0.00	37.45 0.62 0.00	50.93 0.94 0.00	60.68 1.26 0.00	70.90 1.68 0.00	39.46 1.03 0.00	55.86 1.58 0.00	67.73 2.07 0.00	63.38 1.81 0.00	60.72 1.59 0.00	51.29 1.28 0.00	61.61 1.20 0.00	77.75 0.93 0.00	87.93 0.79 0.00	100.82 1.20 0.00	80.31 1.07 0.00	72.40 1.02 0.00	57.16 1.11 0.00	54.25 1.12 0.00	45.21 0.77 0.00	43.01 0.64 -0.61
NGRID_A1_DSASP 323792	37.20 -0.90 0.00	34.04 -1.15 0.00	32.17 -1.34 0.00	33.84 -1.41 0.00	35.21 -1.63 0.00	47.23 -2.77 0.00	55.34 -4.08 0.00	63.62 -5.59 0.00	35.26 -3.17 0.00	50.57 -3.71 0.00	60.55 -5.12 0.00	53.23 -5.39 2.95	52.82 -5.31 1.00	44.26 -4.48 1.26	48.64 -5.89 5.89	54.59 -8.02 14.21	56.56 -9.94 20.64	85.33 -10.86 3.44	68.28 -8.74 2.21	63.51 -7.87 0.00	49.79 -6.26 0.00	47.23 -5.91 0.00	39.89 -4.55 0.00	37.87 -3.90 0.00
NGRID_A2_DSASP 323793	37.20 -0.90 0.00	34.04 -1.15 0.00	32.17 -1.34 0.00	33.84 -1.41 0.00	35.21 -1.63 0.00	47.23 -2.77 0.00	55.34 -4.08 0.00	63.62 -5.59 0.00	35.26 -3.17 0.00	50.57 -3.71 0.00	60.55 -5.12 0.00	53.23 -5.39 2.95	52.82 -5.31 1.00	44.26 -4.48 1.26	48.64 -5.89 5.89	54.59 -8.02 14.21	56.56 -9.94 20.64	85.33 -10.86 3.44	68.28 -8.74 2.21	63.51 -7.87 0.00	49.79 -6.26 0.00	47.23 -5.91 0.00	39.89 -4.55 0.00	37.87 -3.90 0.00
NGRID_A4_DSASP 323807	37.20 -0.90 0.00	34.04 -1.15 0.00	32.17 -1.34 0.00	33.84 -1.41 0.00	35.21 -1.63 0.00	47.23 -2.77 0.00	55.34 -4.08 0.00	63.62 -5.59 0.00	35.26 -3.17 0.00	50.57 -3.71 0.00	60.55 -5.12 0.00	53.23 -5.39 2.95	52.82 -5.31 1.00	44.26 -4.48 1.26	48.64 -5.89 5.89	54.59 -8.02 14.21	56.56 -9.94 20.64	85.33 -10.86 3.44	68.28 -8.74 2.21	63.51 -7.87 0.00	49.79 -6.26 0.00	47.23 -5.91 0.00	39.89 -4.55 0.00	37.87 -3.90 0.00
NIAGARA_115E_LBMP 323715	37.48 -0.62 0.00	34.33 -0.86 0.00	32.44 -1.07 0.00	34.14 -1.11 0.00	35.51 -1.32 0.00	47.45 -2.54 0.00	55.24 -4.18 0.00	63.63 -5.58 0.00	35.41 -3.01 0.00	50.69 -3.59 0.00	60.46 -5.20 0.00	53.22 -5.38 2.97	52.73 -5.39 1.00	44.19 -4.54 1.27	48.78 -5.71 5.93	55.13 -7.38 14.31	57.55 -8.79 20.80	85.94 -10.21 3.46	68.75 -8.26 2.23	63.80 -7.58 0.00	49.98 -6.07 0.00	47.44 -5.70 0.00	40.13 -4.31 0.00	38.04 -3.73 0.00
NIAGARA_115W_LBMP 323714	37.13 -0.96 0.00	33.98 -1.21 0.00	32.11 -1.40 0.00	33.79 -1.46 0.00	35.14 -1.69 0.00	47.15 -2.85 0.00	55.23 -4.19 0.00	63.48 -5.73 0.00	35.18 -3.25 0.00	50.44 -3.84 0.00	60.43 -5.24 0.00	53.14 -5.49 2.94	52.71 -5.42 1.00	44.13 -4.61 1.26	48.49 -6.06 5.87	54.46 -8.20 14.16	56.45 -10.12 20.57	85.11 -11.09 3.43	68.14 -8.89 2.20	63.36 -8.02 0.00	49.66 -6.39 0.00	47.10 -6.04 0.00	39.80 -4.64 0.00	37.80 -3.96 0.00
NIAGARA_230_LBMP 323716	37.41 -0.68 0.00	34.26 -0.93 0.00	32.40 -1.12 0.00	34.07 -1.18 0.00	35.44 -1.39 0.00	47.56 -2.44 0.00	55.77 -3.65 0.00	64.27 -4.94 0.00	35.69 -2.74 0.00	51.04 -3.23 0.00	61.01 -4.66 0.00	53.80 -4.92 2.85	53.26 -4.89 0.97	44.59 -4.19 1.22	49.30 -5.42 5.70	55.92 -7.15 13.75	58.58 -8.60 19.97	86.79 -9.51 3.32	69.45 -7.65 2.14	64.45 -6.93 0.00	50.51 -5.54 0.00	47.86 -5.27 0.00	40.44 -4.00 0.00	38.20 -3.57 0.00
NIAGARA___115KV_198_GIBSON 55903	37.13 -0.97 0.00	33.98 -1.21 0.00	32.11 -1.40 0.00	33.79 -1.46 0.00	35.14 -1.69 0.00	47.15 -2.85 0.00	55.23 -4.19 0.00	63.50 -5.71 0.00	35.18 -3.25 0.00	50.46 -3.82 0.00	60.45 -5.21 0.00	53.15 -5.48 2.94	52.72 -5.40 1.00	44.17 -4.57 1.26	48.55 -6.00 5.87	54.49 -8.17 14.16	56.46 -10.11 20.57	85.12 -11.08 3.43	68.13 -8.90 2.20	63.37 -8.01 0.00	49.68 -6.37 0.00	47.11 -6.02 0.00	39.80 -4.64 0.00	37.79 -3.97 0.00
NIAGARA____ 23760	37.41 -0.68 0.00	34.26 -0.93 0.00	32.40 -1.12 0.00	34.07 -1.18 0.00	35.44 -1.39 0.00	47.56 -2.44 0.00	55.77 -3.65 0.00	64.27 -4.94 0.00	35.69 -2.74 0.00	51.04 -3.23 0.00	61.01 -4.66 0.00	53.77 -4.92 2.87	53.26 -4.89 0.98	44.58 -4.19 1.23	49.25 -5.42 5.75	55.78 -7.15 13.89	58.33 -8.60 20.22	86.74 -9.51 3.37	69.42 -7.65 2.17	64.45 -6.93 0.00	50.51 -5.54 0.00	47.86 -5.27 0.00	40.44 -4.00 0.00	38.20 -3.57 0.00
NINE_MILE_1 23575	36.73 -1.37 0.00	33.93 -1.26 0.00	32.32 -1.19 0.00	33.98 -1.27 0.00	35.50 -1.34 0.00	48.13 -1.86 0.00	57.20 -2.22 0.00	66.60 -2.62 0.00	37.01 -1.42 0.00	52.31 -1.96 0.00	63.15 -2.51 0.00	59.18 -2.38 0.00	56.81 -2.32 0.00	48.08 -1.92 0.00	58.03 -2.39 0.00	73.74 -3.08 0.00	83.65 -3.49 0.00	95.74 -3.89 0.00	76.07 -3.17 0.00	68.51 -2.88 0.00	53.75 -2.31 0.00	50.93 -2.20 0.00	42.67 -1.77 0.00	25.29 -1.60 14.87
NINE_MILE_2 23744	36.73 -1.37 0.00	33.93 -1.26 0.00	32.33 -1.19 0.00	33.98 -1.27 0.00	35.50 -1.34 0.00	48.13 -1.86 0.00	57.20 -2.22 0.00	66.60 -2.62 0.00	37.01 -1.41 0.00	52.31 -1.96 0.00	63.15 -2.51 0.00	59.19 -2.37 0.00	56.82 -2.31 0.00	48.08 -1.92 0.00	58.03 -2.39 0.00	73.74 -3.08 0.00	83.65 -3.49 0.00	95.74 -3.89 0.00	76.07 -3.17 0.00	68.51 -2.88 0.00	53.75 -2.30 0.00	50.93 -2.20 0.00	42.67 -1.77 0.00	25.16 -1.60 15.01
NM_CAPITAL___DRP 24208	38.20 0.10 0.00	35.40 0.21 0.00	33.79 0.28 0.00	35.67 0.42 0.00	37.26 0.42 0.00	50.41 0.42 0.00	59.70 0.28 0.00	69.28 0.07 0.00	38.34 -0.09 0.00	54.02 -0.26 0.00	65.51 -0.15 0.00	61.60 0.04 0.00	59.33 0.20 0.00	50.33 0.33 0.00	60.78 0.36 0.00	77.45 0.62 0.00	87.91 0.76 0.00	100.23 0.60 0.00	79.62 0.39 0.00	71.73 0.34 0.00	56.31 0.25 0.00	53.54 0.40 0.00	44.91 0.48 0.00	42.31 0.54 0.00
NM_CENTRAL___DRP 24181	37.46 -0.64 0.00	34.60 -0.59 0.00	32.95 -0.56 0.00	34.64 -0.61 0.00	36.19 -0.64 0.00	49.11 -0.88 0.00	58.40 -1.01 0.00	68.05 -1.16 0.00	37.81 -0.62 0.00	53.51 -0.77 0.00	64.55 -1.11 0.00	60.47 -1.09 0.00	58.07 -1.05 0.00	49.12 -0.88 0.00	59.27 -1.15 0.00	75.31 -1.51 0.00	85.49 -1.65 0.00	97.86 -1.76 0.00	77.73 -1.51 0.00	69.96 -1.42 0.00	54.85 -1.20 0.00	51.94 -1.19 0.00	43.51 -0.92 0.00	41.41 -0.84 -0.49

NM_FRONTIER___DRP 24179	37.13 -0.97 0.00	33.98 -1.21 0.00	32.11 -1.40 0.00	33.79 -1.46 0.00	35.14 -1.69 0.00	47.15 -2.85 0.00	55.23 -4.19 0.00	63.50 -5.71 0.00	35.18 -3.25 0.00	50.46 -3.82 0.00	60.45 -5.21 0.00	53.15 -5.48 2.94	52.72 -5.40 1.00	44.17 -4.57 1.26	48.55 -6.00 5.87	54.49 -8.17 14.16	56.46 -10.11 20.57	85.12 -11.08 3.43	68.13 -8.90 2.20	63.37 -8.01 0.00	49.68 -6.37 0.00	47.11 -6.02 0.00	39.80 -4.64 0.00	37.79 -3.97 0.00
NM_ST_REGIS___HYD 24053	39.52 1.42 0.00	36.37 1.17 0.00	34.59 1.08 0.00	36.31 1.06 0.00	37.92 1.09 0.00	51.48 1.49 0.00	61.23 1.82 0.00	71.55 2.33 0.00	39.87 1.44 0.00	56.38 2.10 0.00	68.36 2.70 0.00	63.86 2.29 0.00	61.20 2.08 0.00	51.73 1.73 0.00	62.33 1.91 0.00	78.87 2.05 0.00	88.78 1.64 0.00	101.52 1.89 0.00	81.01 1.77 0.00	73.21 1.83 0.00	57.92 1.87 0.00	54.83 1.69 0.00	45.56 1.13 0.00	42.70 0.93 0.00
NORTHPORT___1 23551	39.37 1.27 0.00	36.32 1.13 0.00	34.59 1.08 0.00	36.37 1.13 0.00	37.94 1.10 0.00	49.08 1.77 2.68	42.21 2.04 19.25	7.28 2.56 64.49	12.00 1.36 27.79	15.41 1.51 40.38	52.90 2.12 14.88	53.14 2.37 10.79	52.92 2.40 8.60	53.34 2.18 -1.15	100.10 2.80 -36.89	100.84 3.22 -20.79	55.73 3.40 34.82	80.52 4.62 23.72	11.44 3.35 71.16	21.92 2.86 52.32	8.22 2.27 50.10	15.79 2.29 39.63	12.00 2.33 34.77	15.94 1.95 27.77
NORTHPORT___2 23552	39.37 1.27 0.00	36.32 1.13 0.00	34.59 1.08 0.00	36.37 1.13 0.00	37.94 1.10 0.00	49.08 1.77 2.68	42.21 2.04 19.25	7.28 2.56 64.49	12.00 1.36 27.79	15.41 1.51 40.38	52.90 2.12 14.88	53.14 2.37 10.79	52.92 2.40 8.60	53.34 2.18 -1.15	100.10 2.80 -36.89	100.84 3.22 -20.79	55.73 3.40 34.82	80.52 4.62 23.72	11.44 3.35 71.16	21.92 2.86 52.32	8.22 2.27 50.10	15.79 2.29 39.63	12.00 2.33 34.77	15.94 1.95 27.77
NORTHPORT___3 23553	39.41 1.31 0.00	36.36 1.17 0.00	34.62 1.11 0.00	36.41 1.16 0.00	37.98 1.14 0.00	50.23 1.80 1.57	50.20 2.10 11.31	33.90 2.57 37.89	23.46 1.36 16.33	32.09 1.53 23.72	59.07 2.15 8.74	58.97 2.39 4.98	58.77 2.42 2.77	58.88 2.18 -6.69	152.59 2.81 -89.36	164.50 3.26 -84.41	108.66 3.46 -18.06	141.19 4.64 -36.92	67.27 3.35 15.32	55.13 2.84 19.09	35.65 2.26 22.67	33.09 2.28 22.31	26.95 2.32 19.80	39.73 1.95 3.99
NORTHPORT___4 23650	39.41 1.31 0.00	36.36 1.17 0.00	34.62 1.11 0.00	36.41 1.16 0.00	37.98 1.14 0.00	50.23 1.80 1.57	50.20 2.10 11.31	33.90 2.57 37.89	23.46 1.36 16.33	32.09 1.53 23.72	59.07 2.15 8.74	58.97 2.39 4.98	58.77 2.42 2.77	58.88 2.18 -6.69	152.59 2.81 -89.36	164.50 3.26 -84.41	108.66 3.46 -18.06	141.19 4.64 -36.92	67.27 3.35 15.32	55.13 2.84 19.09	35.65 2.26 22.67	33.09 2.28 22.31	26.95 2.32 19.80	39.73 1.95 3.99
NORTHPORT___IC 23718	39.37 1.27 0.00	36.32 1.13 0.00	34.59 1.08 0.00	36.37 1.13 0.00	37.94 1.10 0.00	49.08 1.77 2.68	42.21 2.04 19.25	7.28 2.55 64.49	12.00 1.37 27.79	15.41 1.51 40.38	52.90 2.12 14.88	53.12 2.35 10.79	52.90 2.38 8.60	53.31 2.16 -1.15	100.07 2.77 -36.89	100.83 3.21 -20.79	55.72 3.40 34.82	80.51 4.61 23.72	11.43 3.35 71.16	21.90 2.84 52.32	8.20 2.25 50.10	15.79 2.29 39.63	11.99 2.33 34.77	15.94 1.95 27.77
NORTH___COUNTRY_ESR 323785	38.78 0.68 0.00	35.71 0.52 0.00	33.97 0.46 0.00	35.68 0.43 0.00	37.23 0.40 0.00	50.44 0.45 0.00	59.99 0.57 0.00	70.04 0.83 0.00	39.02 0.59 0.00	55.14 0.87 0.00	66.82 1.16 0.00	62.40 0.83 0.00	59.83 0.70 0.00	50.53 0.52 0.00	61.09 0.68 0.00	77.67 0.84 0.00	87.83 0.68 0.00	100.45 0.82 0.00	80.15 0.91 0.00	72.22 0.84 0.00	56.75 0.70 0.00	53.69 0.56 0.00	44.63 0.19 0.00	41.87 0.11 0.00
NPX_GEN_1385_PROXY 323591	34.35 0.93 4.68	29.56 0.83 6.46	34.46 0.95 0.00	36.09 0.85 0.00	37.83 1.00 0.00	49.11 1.79 2.68	43.00 2.04 18.46	7.17 2.45 64.49	12.06 1.42 27.79	15.43 1.53 40.38	52.80 2.02 14.88	53.21 2.44 10.79	52.99 2.47 8.60	53.61 2.45 -1.15	100.46 3.16 -36.89	101.28 3.66 -20.79	56.05 3.73 34.82	80.46 4.55 23.72	10.86 2.78 71.16	22.08 3.02 52.32	8.40 2.34 49.98	25.37 2.73 30.49	21.78 2.71 25.37	16.15 2.15 27.77
NPX_GEN_CSC 323557	39.62 1.52 0.00	36.60 1.41 0.00	34.84 1.33 0.00	36.65 1.40 0.00	38.26 1.42 0.00	52.73 2.22 -0.52	66.58 2.64 -4.53	85.14 3.39 -12.54	45.54 1.71 -5.40	63.99 1.87 -7.85	71.01 2.46 -2.89	70.31 2.72 -6.02	70.19 2.81 -8.25	69.78 2.64 -17.14	251.85 3.27 -188.17	284.99 3.86 -204.31	209.04 3.98 -117.91	256.96 5.95 -151.39	174.15 4.65 -90.26	119.10 3.92 -43.80	88.50 3.06 -29.39	66.64 3.01 -10.49	55.98 2.97 -8.57	85.11 2.37 -40.98
NSINS_S_GLNS_FALLS 23858	39.29 1.19 0.00	36.30 1.11 0.00	34.70 1.19 0.00	36.66 1.41 0.00	38.53 1.70 0.00	52.34 2.35 0.00	62.32 2.91 0.00	72.00 2.79 0.00	39.97 1.54 0.00	56.35 2.07 0.00	68.54 2.87 0.00	64.71 3.15 0.00	62.31 3.18 0.00	52.57 2.57 0.00	63.51 3.09 0.00	80.93 4.10 0.00	91.77 4.63 0.00	104.49 4.87 0.00	82.92 3.68 0.00	74.84 3.46 0.00	58.42 2.36 0.00	55.49 2.36 0.00	46.55 2.12 0.00	43.64 1.87 0.00
NUCOR_STEEL___DRP 24197	38.14 0.04 0.00	35.19 0.00 0.00	33.50 -0.01 0.00	35.24 -0.01 0.00	36.84 0.01 0.00	50.00 0.01 0.00	59.53 0.11 0.00	68.96 -0.26 0.00	38.27 -0.15 0.00	54.37 0.10 0.00	65.60 -0.06 0.00	62.56 -0.18 -1.18	59.34 -0.47 -0.69	50.26 -0.26 -0.51	62.50 -0.28 -2.37	82.38 -0.49 -6.05	97.19 -0.42 -10.47	101.11 -0.37 -1.85	80.12 -0.30 -1.18	71.10 -0.28 0.00	55.50 -0.55 0.00	52.65 -0.49 0.00	44.16 -0.28 0.00	42.86 -0.27 -1.37
NUMBER_THREE_WT_PWR 323818	39.09 0.99 0.00	36.06 0.86 0.00	34.32 0.81 0.00	36.07 0.82 0.00	37.72 0.88 0.00	51.34 1.35 0.00	61.27 1.85 0.00	71.55 2.34 0.00	39.78 1.36 0.00	56.33 2.05 0.00	68.13 2.47 0.00	63.81 2.25 0.00	61.10 1.98 0.00	51.58 1.57 0.00	61.81 1.40 0.00	78.22 1.39 0.00	89.10 1.96 0.00	102.48 2.86 0.00	81.48 2.25 0.00	73.15 1.77 0.00	57.52 1.46 0.00	54.43 1.30 0.00	45.50 1.06 0.00	43.44 1.00 -0.68
NYISO_LBMP_REFERENCE 24008	38.10 0.00 0.00	35.19 0.00 0.00	33.51 0.00 0.00	35.25 0.00 0.00	36.84 0.00 0.00	49.99 0.00 0.00	59.42 0.00 0.00	69.21 0.00 0.00	38.43 0.00 0.00	54.28 0.00 0.00	65.66 0.00 0.00	61.56 0.00 0.00	59.12 0.00 0.00	50.00 0.00 0.00	60.42 0.00 0.00	76.82 0.00 0.00	87.14 0.00 0.00	99.63 0.00 0.00	79.24 0.00 0.00	71.38 0.00 0.00	56.05 0.00 0.00	53.13 0.00 0.00	44.44 0.00 0.00	41.77 0.00 0.00
NYPA_BRENTWD____GT 24164	40.04 1.94 0.00	36.92 1.73 0.00	35.15 1.63 0.00	36.97 1.72 0.00	38.58 1.75 0.00	53.04 2.60 -0.45	65.86 3.22 -3.23	84.14 4.10 -10.83	45.33 2.24 -4.67	63.79 2.74 -6.78	71.74 3.58 -2.50	71.06 3.74 -5.76	70.94 3.76 -8.06	70.59 3.33 -17.26	254.77 4.15 -190.20	287.62 4.82 -205.98	210.06 5.34 -117.59	258.10 6.92 -151.55	173.17 5.15 -88.78	118.47 4.50 -42.59	87.72 3.62 -28.05	66.11 3.53 -9.46	55.43 3.33 -7.66	85.03 2.83 -40.44

NYPA_GOWANUS____GT5 24156	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.43 2.44 0.00	62.35 2.93 0.00	72.97 3.75 0.00	40.57 2.14 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.42 5.79 0.00	83.51 4.27 0.00	75.08 3.70 0.00	59.00 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NYPA_GOWANUS____GT6 24157	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.43 2.44 0.00	62.35 2.93 0.00	72.97 3.75 0.00	40.57 2.14 0.00	57.02 2.74 0.00	68.77 3.10 0.00	64.90 3.33 0.00	62.28 3.16 0.00	52.91 2.91 0.00	63.73 3.31 0.00	80.55 3.73 0.00	91.87 4.73 0.00	105.42 5.79 0.00	83.51 4.27 0.00	75.08 3.70 0.00	59.00 2.95 0.00	56.20 3.07 0.00	47.27 2.83 0.00	44.39 2.62 0.00
NYPA_HARLEM__RVR__GT1 24160	39.69 1.61 0.02	36.63 1.45 0.01	34.81 1.30 0.00	36.67 1.42 0.00	38.36 1.53 0.01	52.13 2.14 0.00	62.23 2.81 0.00	72.87 3.65 0.00	40.46 2.04 0.00	56.89 2.61 0.00	68.64 2.98 0.00	64.70 3.14 0.00	62.13 3.00 0.00	52.79 2.78 0.00	63.55 3.13 0.00	80.36 3.53 0.00	91.58 4.44 0.00	105.18 5.55 0.00	83.29 4.05 0.00	74.82 3.44 0.00	58.83 2.78 0.00	55.95 2.81 0.00	47.05 2.61 0.00	44.16 2.40 0.00
NYPA_HARLEM__RVR__GT2 24161	39.69 1.61 0.02	36.63 1.45 0.01	34.81 1.30 0.00	36.67 1.42 0.00	38.36 1.53 0.01	52.13 2.14 0.00	62.23 2.81 0.00	72.87 3.65 0.00	40.46 2.04 0.00	56.89 2.61 0.00	68.64 2.98 0.00	64.70 3.14 0.00	62.13 3.00 0.00	52.79 2.78 0.00	63.55 3.13 0.00	80.36 3.53 0.00	91.58 4.44 0.00	105.18 5.55 0.00	83.29 4.05 0.00	74.82 3.44 0.00	58.83 2.78 0.00	55.95 2.81 0.00	47.05 2.61 0.00	44.16 2.40 0.00
NYPA_KENT____GT 24152	39.96 1.86 0.00	36.85 1.66 0.00	35.03 1.52 0.00	36.90 1.65 0.00	38.61 1.78 0.00	52.40 2.41 0.00	62.34 2.92 0.00	72.97 3.76 0.00	40.55 2.12 0.00	57.02 2.74 0.00	68.74 3.08 0.00	64.84 3.28 0.00	62.29 3.17 0.00	52.90 2.90 0.00	63.76 3.34 0.00	80.55 3.73 0.00	91.79 4.65 0.00	105.31 5.68 0.00	83.40 4.16 0.00	74.99 3.61 0.00	58.94 2.89 0.00	56.15 3.01 0.00	47.24 2.81 0.00	44.34 2.57 0.00
NYPA_POUCH1____GT 24155	39.97 1.87 0.00	36.86 1.67 0.00	35.04 1.53 0.00	36.93 1.68 0.00	38.65 1.81 0.00	52.42 2.42 0.00	62.26 2.84 0.00	72.89 3.67 0.00	40.54 2.12 0.00	56.85 2.57 0.00	68.52 2.86 0.00	64.69 3.13 0.00	62.05 2.92 0.00	52.76 2.76 0.00	63.50 3.08 0.00	80.29 3.46 0.00	91.65 4.52 0.00	105.24 5.61 0.00	83.35 4.11 0.00	74.99 3.61 0.00	58.91 2.86 0.00	56.11 2.97 0.00	47.21 2.78 0.00	44.40 2.64 0.00
NYPA_VERNON____GT2 24162	39.93 1.83 0.00	36.84 1.64 0.00	35.02 1.50 0.00	36.88 1.63 0.00	38.58 1.75 0.00	52.36 2.36 0.00	62.34 2.92 0.00	72.97 3.75 0.00	40.52 2.09 0.00	57.04 2.76 0.00	68.77 3.11 0.00	64.84 3.28 0.00	62.32 3.20 0.00	52.95 2.95 0.00	63.82 3.40 0.00	80.55 3.73 0.00	91.71 4.57 0.00	105.28 5.66 0.00	83.37 4.13 0.00	74.93 3.54 0.00	58.90 2.85 0.00	56.11 2.97 0.00	47.22 2.78 0.00	44.29 2.53 0.00
NYPA_VERNON____GT3 24163	39.93 1.83 0.00	36.84 1.64 0.00	35.02 1.50 0.00	36.88 1.63 0.00	38.58 1.75 0.00	52.36 2.36 0.00	62.34 2.92 0.00	72.97 3.75 0.00	40.52 2.09 0.00	57.04 2.76 0.00	68.77 3.11 0.00	64.84 3.28 0.00	62.32 3.20 0.00	52.95 2.95 0.00	63.82 3.40 0.00	80.55 3.73 0.00	91.71 4.57 0.00	105.28 5.66 0.00	83.37 4.13 0.00	74.93 3.54 0.00	58.90 2.85 0.00	56.11 2.97 0.00	47.22 2.78 0.00	44.29 2.53 0.00
NYPA____ASTORIA_CC1 323568	39.92 1.82 0.00	36.82 1.63 0.00	35.00 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.87 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.01 2.73 0.00	68.72 3.05 0.00	64.81 3.25 0.00	62.27 3.15 0.00	52.92 2.92 0.00	63.76 3.34 0.00	80.51 3.69 0.00	91.68 4.54 0.00	105.25 5.62 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.84 0.00	56.08 2.94 0.00	47.18 2.74 0.00	44.28 2.52 0.00
NYPA____ASTORIA_CC2 323569	39.92 1.82 0.00	36.82 1.63 0.00	35.00 1.49 0.00	36.86 1.61 0.00	38.57 1.74 0.00	52.33 2.34 0.00	62.29 2.87 0.00	72.91 3.70 0.00	40.50 2.07 0.00	57.01 2.73 0.00	68.72 3.05 0.00	64.81 3.25 0.00	62.27 3.15 0.00	52.92 2.92 0.00	63.76 3.34 0.00	80.51 3.69 0.00	91.68 4.54 0.00	105.25 5.62 0.00	83.35 4.11 0.00	74.88 3.50 0.00	58.90 2.84 0.00	56.08 2.94 0.00	47.18 2.74 0.00	44.28 2.52 0.00
NYPA____HOLTSVILL 23794	39.50 1.40 0.00	36.47 1.28 0.00	34.72 1.21 0.00	36.52 1.27 0.00	38.12 1.28 0.00	52.55 2.01 -0.55	65.64 2.30 -3.93	85.31 2.93 -13.17	45.62 1.51 -5.67	64.20 1.67 -8.24	70.99 2.28 -3.04	70.24 2.53 -6.15	70.09 2.59 -8.38	69.64 2.40 -17.23	252.39 2.93 -189.04	285.64 3.41 -205.41	209.85 3.77 -118.94	257.42 5.25 -152.54	174.58 3.91 -91.43	119.16 3.26 -44.52	88.53 2.60 -29.88	66.65 2.62 -10.90	56.06 2.70 -8.92	85.45 2.21 -41.47
NYPA____HELLGATE_GT1 24158	39.71 1.61 0.00	36.64 1.45 0.00	34.81 1.30 0.00	36.67 1.42 0.00	38.37 1.53 0.00	52.13 2.14 0.00	62.15 2.74 0.00	72.75 3.54 0.00	40.43 2.01 0.00	56.84 2.56 0.00	68.58 2.92 0.00	64.70 3.14 0.00	62.13 3.00 0.00	52.79 2.78 0.00	63.55 3.13 0.00	80.25 3.42 0.00	91.45 4.31 0.00	105.03 5.40 0.00	83.16 3.92 0.00	74.73 3.34 0.00	58.73 2.68 0.00	55.92 2.79 0.00	47.05 2.61 0.00	44.16 2.40 0.00
NYPA____HELLGATE_GT2 24159	39.71 1.61 0.00	36.64 1.45 0.00	34.81 1.30 0.00	36.67 1.42 0.00	38.37 1.53 0.00	52.13 2.14 0.00	62.15 2.74 0.00	72.75 3.54 0.00	40.43 2.01 0.00	56.84 2.56 0.00	68.58 2.92 0.00	64.70 3.14 0.00	62.13 3.00 0.00	52.79 2.78 0.00	63.55 3.13 0.00	80.25 3.42 0.00	91.45 4.31 0.00	105.03 5.40 0.00	83.16 3.92 0.00	74.73 3.34 0.00	58.73 2.68 0.00	55.92 2.79 0.00	47.05 2.61 0.00	44.16 2.40 0.00
NYS_BARGE____HYD 23848	37.93 -0.17 0.00	34.73 -0.46 0.00	32.82 -0.69 0.00	34.52 -0.73 0.00	35.93 -0.91 0.00	48.10 -1.89 0.00	56.22 -3.19 0.00	64.86 -4.35 0.00	36.06 -2.37 0.00	51.61 -2.67 0.00	61.58 -4.08 0.00	54.38 -4.34 2.84	53.78 -4.39 0.95	45.04 -3.75 1.22	49.93 -4.80 5.68	56.82 -6.28 13.72	59.69 -7.51 19.94	87.80 -8.50 3.32	70.21 -6.89 2.14	65.04 -6.34 0.00	50.93 -5.13 0.00	48.29 -4.85 0.00	40.82 -3.62 0.00	38.61 -3.16 0.00
OAK ORCHARD____HYD 24046	38.17 0.08 0.00	35.07 -0.12 0.00	33.25 -0.26 0.00	34.95 -0.30 0.00	36.45 -0.38 0.00	49.23 -0.76 0.00	58.26 -1.16 0.00	67.61 -1.61 0.00	37.58 -0.84 0.00	53.52 -0.76 0.00	64.26 -1.41 0.00	58.10 -1.70 1.76	56.70 -1.77 0.66	47.71 -1.54 0.76	54.82 -2.07 3.52	65.45 -2.86 8.51	71.45 -3.38 12.31	94.06 -3.52 2.04	74.96 -2.95 1.32	68.64 -2.74 0.00	53.75 -2.30 0.00	50.85 -2.29 0.00	42.73 -1.71 0.00	40.18 -1.59 0.00

OAKDALE___35_KV_LOAD 356122	38.14 0.04 0.00	35.21 0.02 0.00	33.48 -0.03 0.00	35.20 -0.05 0.00	36.80 -0.04 0.00	49.89 -0.11 0.00	59.34 -0.07 0.00	69.04 -0.17 0.00	38.21 -0.22 0.00	54.13 -0.15 0.00	65.24 -0.43 0.00	60.34 -0.47 0.75	57.74 -0.48 0.90	49.23 -0.45 0.32	58.29 -0.61 1.51	71.57 -0.85 4.40	75.68 -0.91 10.55	96.73 -0.89 2.01	77.23 -0.73 1.28	70.76 -0.62 0.00	55.55 -0.50 0.00	52.62 -0.51 0.00	44.19 -0.24 0.00	41.53 -0.24 0.00
OCC_CHEM___DRP 24175	37.20 -0.90 0.00	34.04 -1.15 0.00	32.17 -1.34 0.00	33.84 -1.41 0.00	35.21 -1.63 0.00	47.23 -2.77 0.00	55.34 -4.08 0.00	63.62 -5.59 0.00	35.26 -3.17 0.00	50.57 -3.71 0.00	60.55 -5.12 0.00	53.23 -5.39 2.95	52.82 -5.31 1.00	44.26 -4.48 1.26	48.64 -5.89 5.89	54.59 -8.02 14.21	56.56 -9.94 20.64	85.33 -10.86 3.44	68.28 -8.74 2.21	63.51 -7.87 0.00	49.79 -6.26 0.00	47.23 -5.91 0.00	39.89 -4.55 0.00	37.87 -3.90 0.00
OH_GEN_PROXY 24063	37.40 -0.70 0.00	34.25 -0.94 0.00	32.39 -1.12 0.00	34.05 -1.19 0.00	35.45 -1.39 0.00	47.60 -2.39 0.00	56.69 -3.52 -0.79	64.44 -4.77 0.00	35.75 -2.68 0.00	51.11 -3.16 0.00	61.11 -4.55 0.00	53.86 -4.81 2.89	53.32 -4.78 1.02	44.65 -4.12 1.24	49.34 -5.30 5.78	56.15 -6.98 13.69	58.91 -8.37 19.85	87.09 -9.23 3.30	69.68 -7.43 2.12	64.67 -6.71 0.00	50.79 -5.38 -0.12	47.99 -5.14 0.00	40.53 -3.90 0.00	38.25 -3.51 0.00
OLIN_CORP_DRP 24177	37.49 -0.61 0.00	34.35 -0.84 0.00	32.45 -1.06 0.00	34.15 -1.10 0.00	35.53 -1.30 0.00	47.51 -2.48 0.00	55.35 -4.06 0.00	63.78 -5.43 0.00	35.49 -2.94 0.00	50.80 -3.48 0.00	60.59 -5.07 0.00	53.28 -5.28 3.01	52.82 -5.29 1.02	44.30 -4.42 1.29	48.83 -5.57 6.01	55.17 -7.15 14.50	57.41 -8.66 21.07	86.10 -10.02 3.51	68.88 -8.11 2.26	63.95 -7.43 0.00	50.09 -5.96 0.00	47.54 -5.59 0.00	40.19 -4.24 0.00	38.06 -3.70 0.00
OLIN_CORP_DSASP 323712	37.20 -0.90 0.00	34.04 -1.15 0.00	32.17 -1.34 0.00	33.84 -1.41 0.00	35.21 -1.63 0.00	47.23 -2.77 0.00	55.34 -4.08 0.00	63.62 -5.59 0.00	35.26 -3.17 0.00	50.57 -3.71 0.00	60.55 -5.12 0.00	53.23 -5.39 2.95	52.82 -5.31 1.00	44.26 -4.48 1.26	48.64 -5.89 5.89	54.59 -8.02 14.21	56.56 -9.94 20.64	85.33 -10.86 3.44	68.28 -8.74 2.21	63.51 -7.87 0.00	49.79 -6.26 0.00	47.23 -5.91 0.00	39.89 -4.55 0.00	37.87 -3.90 0.00
ONEIDA_HERK_LFGE 323681	39.03 0.93 0.00	36.05 0.86 0.00	34.32 0.81 0.00	36.10 0.86 0.00	37.75 0.91 0.00	51.36 1.37 0.00	61.25 1.83 0.00	71.44 2.22 0.00	39.67 1.24 0.00	56.12 1.85 0.00	67.83 2.17 0.00	63.53 1.96 0.00	60.94 1.82 0.00	51.51 1.57 0.00	61.99 1.97 0.00	78.69 1.87 0.00	89.54 2.40 0.00	102.68 3.05 0.00	81.61 2.37 0.00	73.35 1.97 0.00	57.59 1.54 0.00	54.49 1.35 0.00	45.58 1.14 0.00	42.80 1.03 0.00
ONEIDA___115KV_TB4 55905	39.06 0.96 0.00	36.14 0.95 0.00	34.42 0.91 0.00	36.21 0.96 0.00	37.89 1.06 0.00	51.58 1.59 0.00	61.48 2.06 0.00	71.72 2.50 0.00	39.81 1.38 0.00	56.32 2.05 0.00	67.92 2.26 0.00	63.62 2.06 0.00	61.09 1.97 0.00	51.70 1.69 0.00	62.27 1.86 0.00	79.22 2.39 0.00	90.17 3.03 0.00	102.99 3.36 0.00	81.75 2.52 0.00	73.53 2.15 0.00	57.65 1.60 0.00	54.50 1.37 0.00	45.60 1.16 0.00	42.80 1.04 0.00
ONONDAGA_REF_OCCRA 23987	37.77 -0.32 0.00	34.88 -0.31 0.00	33.22 -0.29 0.00	34.92 -0.33 0.00	36.49 -0.35 0.00	49.53 -0.46 0.00	58.95 -0.47 0.00	68.69 -0.52 0.00	38.15 -0.28 0.00	54.00 -0.28 0.00	65.12 -0.54 0.00	61.79 -0.57 -0.80	59.01 -0.55 -0.44	49.88 -0.47 -0.34	61.39 -0.63 -1.60	80.07 -0.81 -4.06	93.23 -0.77 -6.86	100.18 -0.65 -1.20	79.36 -0.65 -0.77	70.74 -0.64 0.00	55.47 -0.58 0.00	52.50 -0.64 0.00	43.93 -0.51 0.00	41.79 -0.47 -0.50
ONONDAGA___COGEN 23986	37.69 -0.41 0.00	34.81 -0.38 0.00	33.15 -0.36 0.00	34.85 -0.40 0.00	36.42 -0.42 0.00	49.43 -0.56 0.00	58.81 -0.61 0.00	68.47 -0.74 0.00	38.04 -0.39 0.00	53.84 -0.43 0.00	64.97 -0.70 0.00	60.85 -0.71 0.00	58.65 -0.74 -0.26	49.41 -0.60 0.00	59.64 -0.78 0.00	76.27 -1.03 -0.48	89.26 -1.11 -3.23	99.24 -1.08 -0.69	78.72 -0.96 -0.44	70.48 -0.91 0.00	55.24 -0.81 0.00	52.29 -0.84 0.00	43.80 -0.64 0.00	42.81 -0.58 -1.62
ONTARIO___LFGE 23819	38.14 0.04 0.00	35.11 -0.08 0.00	33.37 -0.15 0.00	35.07 -0.18 0.00	36.65 -0.18 0.00	49.67 -0.33 0.00	59.04 -0.37 0.00	68.64 -0.58 0.00	38.15 -0.28 0.00	54.17 -0.10 0.00	65.20 -0.46 0.00	60.24 -0.74 0.58	58.26 -0.87 0.00	49.07 -0.69 0.25	58.38 -0.87 1.16	73.28 -1.19 2.36	84.86 -1.38 0.90	98.38 -1.24 0.00	78.05 -1.19 0.00	70.20 -1.18 0.00	54.95 -1.10 0.00	51.94 -1.20 0.00	43.53 -0.90 0.00	41.70 -0.86 -0.79
ORANGEVILLE_WT_PWR 323706	37.62 -0.48 0.00	34.33 -0.85 0.00	32.40 -1.11 0.00	34.10 -1.15 0.00	35.54 -1.30 0.00	47.88 -2.11 0.00	56.55 -2.87 0.00	65.22 -4.00 0.00	35.98 -2.45 0.00	51.32 -2.95 0.00	60.98 -4.69 0.00	51.28 -5.13 5.16	49.60 -5.22 4.31	42.96 -4.83 2.22	44.05 -6.05 10.32	43.92 -7.84 25.07	41.16 -8.83 37.14	84.31 -9.08 6.24	68.54 -6.71 3.99	64.91 -6.47 0.00	50.50 -5.54 0.00	47.92 -5.21 0.00	40.65 -3.78 0.00	38.25 -3.52 0.00
ORANGEVILLE___ESR 323794	37.62 -0.48 0.00	34.33 -0.85 0.00	32.40 -1.11 0.00	34.10 -1.15 0.00	35.54 -1.30 0.00	47.88 -2.11 0.00	56.55 -2.87 0.00	65.22 -4.00 0.00	35.98 -2.45 0.00	51.32 -2.95 0.00	60.98 -4.69 0.00	51.28 -5.13 5.16	49.60 -5.22 4.31	42.96 -4.83 2.22	44.05 -6.05 10.32	43.92 -7.84 25.07	41.16 -8.83 37.14	84.31 -9.08 6.24	68.54 -6.71 3.99	64.91 -6.47 0.00	50.50 -5.54 0.00	47.92 -5.21 0.00	40.65 -3.78 0.00	38.25 -3.52 0.00
OSWEGATCHIE___HYD 24044	38.93 0.83 0.00	35.86 0.67 0.00	34.12 0.61 0.00	35.85 0.60 0.00	37.45 0.62 0.00	50.93 0.94 0.00	60.68 1.26 0.00	70.90 1.68 0.00	39.46 1.03 0.00	55.85 1.58 0.00	67.73 2.07 0.00	63.37 1.81 0.00	60.72 1.59 0.00	51.29 1.28 0.00	61.61 1.20 0.00	77.76 0.94 0.00	87.93 0.79 0.00	100.82 1.19 0.00	80.32 1.08 0.00	72.40 1.02 0.00	57.16 1.11 0.00	54.26 1.12 0.00	45.21 0.77 0.00	43.01 0.64 -0.61
OSWEGO___5 23606	37.03 -1.07 0.00	34.21 -0.98 0.00	32.58 -0.93 0.00	34.25 -1.00 0.00	35.78 -1.06 0.00	48.53 -1.46 0.00	57.68 -1.74 0.00	67.16 -2.06 0.00	37.30 -1.12 0.00	52.75 -1.53 0.00	63.68 -1.98 0.00	59.67 -1.90 0.00	57.28 -1.85 0.00	48.46 -1.55 0.00	58.48 -1.94 0.00	74.34 -2.48 0.00	84.34 -2.80 0.00	96.52 -3.11 0.00	76.70 -2.54 0.00	69.06 -2.32 0.00	54.18 -1.87 0.00	51.33 -1.81 0.00	43.01 -1.43 0.00	49.98 -1.29 -9.50
OSWEGO___6 23613	37.03 -1.07 0.00	34.21 -0.98 0.00	32.58 -0.93 0.00	34.25 -1.00 0.00	35.78 -1.06 0.00	48.53 -1.46 0.00	57.68 -1.74 0.00	67.16 -2.06 0.00	37.30 -1.12 0.00	52.75 -1.53 0.00	63.68 -1.98 0.00	59.67 -1.90 0.00	57.28 -1.85 0.00	48.46 -1.55 0.00	58.48 -1.94 0.00	74.34 -2.48 0.00	84.34 -2.80 0.00	96.52 -3.11 0.00	76.70 -2.54 0.00	69.06 -2.32 0.00	54.18 -1.87 0.00	51.33 -1.81 0.00	43.01 -1.43 0.00	49.98 -1.29 -9.50

OUTOKUMPU-AB___DRP 24206	38.01 -0.09 0.00	34.77 -0.42 0.00	32.84 -0.67 0.00	34.53 -0.72 0.00	35.95 -0.89 0.00	48.25 -1.75 0.00	56.60 -2.82 0.00	65.26 -3.95 0.00	36.20 -2.23 0.00	51.85 -2.43 0.00	61.95 -3.71 0.00	54.48 -4.01 3.07	54.05 -4.04 1.03	45.20 -3.48 1.32	49.60 -4.67 6.15	55.66 -6.33 14.83	57.74 -7.84 21.56	87.41 -8.62 3.59	70.01 -6.91 2.31	65.12 -6.26 0.00	51.00 -5.05 0.00	48.42 -4.71 0.00	40.98 -3.46 0.00	38.74 -3.03 0.00
OXBOW___BTM 323836	37.56 -0.54 0.00	34.35 -0.84 0.00	32.46 -1.06 0.00	34.14 -1.11 0.00	35.53 -1.30 0.00	47.67 -2.32 0.00	55.89 -3.52 0.00	64.34 -4.87 0.00	35.68 -2.75 0.00	51.14 -3.14 0.00	61.19 -4.47 0.00	53.79 -4.76 3.01	53.36 -4.74 1.02	44.64 -4.07 1.29	49.01 -5.39 6.02	55.02 -7.28 14.53	57.09 -8.94 21.11	86.28 -9.83 3.52	69.08 -7.90 2.26	64.25 -7.13 0.00	50.34 -5.71 0.00	47.76 -5.37 0.00	40.39 -4.04 0.00	38.26 -3.51 0.00
OXBOW___ 24026	37.56 -0.55 0.00	34.36 -0.84 0.00	32.46 -1.05 0.00	34.14 -1.11 0.00	35.53 -1.30 0.00	47.67 -2.32 0.00	55.89 -3.53 0.00	64.35 -4.87 0.00	35.69 -2.73 0.00	51.16 -3.12 0.00	61.19 -4.47 0.00	53.80 -4.75 3.01	53.37 -4.73 1.02	44.69 -4.02 1.29	49.08 -5.32 6.02	55.06 -7.24 14.53	57.08 -8.95 21.11	86.30 -9.81 3.52	69.09 -7.89 2.26	64.25 -7.13 0.00	50.35 -5.71 0.00	47.77 -5.36 0.00	40.39 -4.04 0.00	38.25 -3.52 0.00
OXY_CHEM_DSASP 323612	37.20 -0.90 0.00	34.04 -1.15 0.00	32.17 -1.34 0.00	33.84 -1.41 0.00	35.21 -1.63 0.00	47.23 -2.77 0.00	55.34 -4.08 0.00	63.62 -5.59 0.00	35.26 -3.17 0.00	50.57 -3.71 0.00	60.55 -5.12 0.00	53.23 -5.39 2.95	52.82 -5.31 1.00	44.26 -4.48 1.26	48.64 -5.89 5.89	54.59 -8.02 14.21	56.56 -9.94 20.64	85.33 -10.86 3.44	68.28 -8.74 2.21	63.51 -7.87 0.00	49.79 -6.26 0.00	47.23 -5.91 0.00	39.89 -4.55 0.00	37.87 -3.90 0.00
OZONE_PARK_ESR 323760	40.12 2.02 0.00	37.02 1.83 0.00	35.19 1.68 0.00	37.05 1.80 0.00	38.76 1.93 0.00	52.68 2.68 0.00	62.83 3.42 0.00	73.52 4.31 0.00	40.74 2.31 0.00	57.46 3.19 0.00	69.34 3.68 0.00	65.36 3.79 0.00	62.76 3.64 0.00	53.24 3.23 0.00	64.25 3.83 0.00	81.24 4.41 0.00	92.54 5.40 0.00	106.34 6.72 0.00	84.21 4.97 0.00	75.69 4.31 0.00	59.43 3.37 0.00	56.48 3.35 0.00	47.49 3.06 0.00	44.55 2.78 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.20 -0.90 0.00	34.04 -1.15 0.00	32.17 -1.34 0.00	33.84 -1.41 0.00	35.21 -1.63 0.00	47.23 -2.77 0.00	55.34 -4.08 0.00	63.62 -5.59 0.00	35.26 -3.17 0.00	50.57 -3.71 0.00	60.55 -5.12 0.00	53.23 -5.39 2.95	52.82 -5.31 1.00	44.26 -4.48 1.26	48.64 -5.89 5.89	54.59 -8.02 14.21	56.56 -9.94 20.64	85.33 -10.86 3.44	68.28 -8.74 2.21	63.51 -7.87 0.00	49.79 -6.26 0.00	47.23 -5.91 0.00	39.89 -4.55 0.00	37.87 -3.90 0.00
PACKARD___115KV_DUPONT_184 80571	37.20 -0.90 0.00	34.04 -1.15 0.00	32.17 -1.34 0.00	33.84 -1.41 0.00	35.21 -1.63 0.00	47.22 -2.77 0.00	55.34 -4.07 0.00	63.61 -5.60 0.00	35.25 -3.17 0.00	50.55 -3.73 0.00	60.54 -5.12 0.00	53.22 -5.40 2.95	52.80 -5.33 1.00	44.21 -4.53 1.26	48.56 -5.97 5.89	54.56 -8.05 14.21	56.55 -9.95 20.64	85.29 -10.89 3.44	68.29 -8.74 2.21	63.51 -7.87 0.00	49.78 -6.27 0.00	47.20 -5.94 0.00	39.89 -4.55 0.00	37.88 -3.89 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.83 1.73 0.00	36.74 1.55 0.00	34.91 1.40 0.00	36.77 1.53 0.00	38.47 1.64 0.00	52.17 2.18 0.00	62.23 2.81 0.00	72.86 3.64 0.00	40.44 2.02 0.00	56.87 2.59 0.00	68.61 2.94 0.00	64.69 3.12 0.00	62.12 3.00 0.00	52.78 2.77 0.00	63.54 3.13 0.00	80.35 3.53 0.00	91.56 4.42 0.00	105.15 5.53 0.00	83.27 4.03 0.00	74.81 3.43 0.00	58.82 2.77 0.00	55.95 2.81 0.00	47.05 2.62 0.00	44.16 2.40 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.62 2.51 0.00	37.51 2.32 0.00	35.65 2.14 0.00	37.57 2.32 0.00	39.33 2.50 0.00	53.31 3.31 0.00	63.67 4.25 0.00	74.42 5.21 0.00	41.28 2.85 0.00	58.03 3.76 0.00	70.01 4.35 0.00	66.02 4.46 0.00	63.38 4.26 0.00	53.84 3.83 0.00	64.79 4.37 0.00	81.89 5.07 0.00	93.34 6.19 0.00	107.18 7.55 0.00	84.91 5.67 0.00	76.22 4.84 0.00	59.90 3.85 0.00	56.93 3.80 0.00	47.87 3.44 0.00	44.95 3.18 0.00
PATROON___115KV_TB1 80586	38.34 0.24 0.00	35.52 0.33 0.00	33.90 0.39 0.00	35.78 0.53 0.00	37.36 0.53 0.00	50.51 0.51 0.00	59.75 0.34 0.00	69.42 0.21 0.00	38.42 -0.01 0.00	54.17 -0.11 0.00	65.68 0.01 0.00	61.76 0.20 0.00	59.46 0.33 0.00	50.45 0.44 0.00	60.96 0.54 0.00	77.63 0.81 0.00	88.15 1.01 0.00	100.51 0.88 0.00	79.86 0.62 0.00	71.89 0.51 0.00	56.47 0.42 0.00	53.67 0.54 0.00	45.01 0.58 0.00	42.39 0.63 0.00
PATTRSNVILLE___SOLAR 323815	38.78 0.68 0.00	35.83 0.64 0.00	34.14 0.63 0.00	35.95 0.71 0.00	37.59 0.76 0.00	51.08 1.09 0.00	60.81 1.39 0.00	70.77 1.56 0.00	39.18 0.75 0.00	55.21 0.93 0.00	66.71 1.04 0.00	62.52 0.96 0.00	60.01 0.88 0.00	50.87 0.86 0.00	61.50 1.09 0.00	78.54 1.72 0.00	89.22 2.08 0.00	102.18 2.56 0.00	81.17 1.94 0.00	73.11 1.73 0.00	57.35 1.30 0.00	54.39 1.26 0.00	45.53 1.10 0.00	42.74 0.98 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.03 -0.07 0.00	34.81 -0.37 0.00	32.90 -0.61 0.00	34.57 -0.68 0.00	35.99 -0.84 0.00	48.43 -1.57 0.00	57.20 -2.22 0.00	66.03 -3.18 0.00	36.57 -1.85 0.00	52.24 -2.04 0.00	62.43 -3.23 0.00	54.53 -3.49 3.54	54.27 -3.62 1.23	45.36 -3.13 1.52	49.32 -4.02 7.08	54.46 -5.28 17.07	56.10 -6.25 24.79	88.53 -6.96 4.13	71.05 -5.54 2.65	66.25 -5.13 0.00	51.85 -4.20 0.00	49.08 -4.05 0.00	41.47 -2.97 0.00	39.00 -2.76 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.77 1.67 0.00	36.71 1.52 0.00	34.92 1.41 0.00	36.78 1.53 0.00	38.50 1.67 0.00	52.41 2.41 0.00	62.49 3.07 0.00	72.98 3.76 0.00	40.38 1.95 0.00	56.98 2.70 0.00	68.87 3.21 0.00	64.84 3.28 0.00	62.34 3.22 0.00	52.82 2.82 0.00	63.83 3.41 0.00	80.87 4.05 0.00	92.06 4.92 0.00	105.70 6.08 0.00	83.79 4.55 0.00	75.35 3.97 0.00	59.13 3.08 0.00	56.11 2.98 0.00	47.15 2.71 0.00	44.20 2.44 0.00
PEEKSKILL___ 23653	39.34 1.24 0.00	36.32 1.13 0.00	34.55 1.03 0.00	36.40 1.15 0.00	38.10 1.27 0.00	51.84 1.85 0.00	61.79 2.38 0.00	72.16 2.95 0.00	39.93 1.50 0.00	56.36 2.09 0.00	68.11 2.45 0.00	64.08 2.52 0.00	61.57 2.44 0.00	52.14 2.13 0.00	62.93 2.52 0.00	79.69 2.87 0.00	90.78 3.64 0.00	104.23 4.61 0.00	82.59 3.35 0.00	74.32 2.94 0.00	58.35 2.30 0.00	55.41 2.27 0.00	46.63 2.19 0.00	43.77 2.01 0.00
PGE MADISON___WINDPWR 24146	39.72 1.62 0.00	36.65 1.46 0.00	34.74 1.23 0.00	36.59 1.34 0.00	38.25 1.42 0.00	52.08 2.09 0.00	62.14 2.73 0.00	72.68 3.47 0.00	40.18 1.76 0.00	56.94 2.66 0.00	68.40 2.73 0.00	67.48 2.20 -3.72	62.87 1.95 -1.80	53.05 1.46 -1.60	69.28 1.43 -7.43	97.73 2.34 -18.56	120.60 3.62 -29.84	109.00 4.23 -5.15	86.21 3.68 -3.29	75.14 3.76 0.00	58.83 2.77 0.00	55.71 2.57 0.00	46.79 2.36 0.00	43.72 1.95 0.00

PIERCEFIELD___HYD 23852	39.49 1.38 0.00	36.34 1.15 0.00	34.56 1.05 0.00	36.29 1.04 0.00	37.90 1.06 0.00	51.47 1.48 0.00	61.20 1.78 0.00	71.50 2.28 0.00	39.83 1.40 0.00	56.31 2.04 0.00	68.29 2.63 0.00	63.81 2.25 0.00	61.16 2.04 0.00	51.69 1.69 0.00	62.25 1.83 0.00	78.68 1.86 0.00	88.44 1.30 0.00	101.09 1.47 0.00	80.67 1.44 0.00	73.00 1.62 0.00	57.84 1.79 0.00	54.79 1.66 0.00	45.54 1.11 0.00	42.69 0.92 0.00
PINELAWN_CC_1 323563	39.84 1.74 0.00	36.74 1.55 0.00	34.96 1.45 0.00	36.77 1.52 0.00	38.40 1.56 0.00	52.47 2.39 -0.09	62.94 2.88 -0.64	75.01 3.65 -2.14	41.33 1.98 -0.92	57.95 2.33 -1.34	69.27 3.11 -0.50	69.07 3.32 -4.19	69.17 3.33 -6.72	69.90 2.98 -16.92	253.39 3.79 -189.18	283.71 4.51 -202.38	201.63 4.99 -109.50	249.85 6.39 -143.85	160.82 4.73 -76.86	109.92 4.02 -34.51	79.93 3.18 -20.70	60.28 3.11 -4.04	50.35 2.98 -2.93	79.94 2.49 -35.69
PJM_GEN_HTTP_PROXY 323702	39.74 1.64 0.00	36.67 1.48 0.00	34.88 1.37 0.00	36.73 1.48 0.00	38.43 1.59 0.00	51.54 2.22 0.67	62.25 2.84 0.00	72.81 3.59 0.00	38.59 1.89 1.72	56.87 2.59 0.00	68.65 2.99 0.00	64.68 3.11 0.00	62.15 3.02 0.00	52.70 2.69 0.00	63.63 3.21 0.00	80.43 3.61 0.00	83.78 4.43 7.79	105.15 5.52 0.00	83.29 4.05 0.00	72.98 3.46 1.86	58.78 2.73 0.00	55.89 2.75 0.00	47.01 2.57 0.00	45.30 2.35 -1.19
PJM_GEN_KEystone 24065	38.12 0.02 0.00	35.09 -0.10 0.00	33.30 -0.21 0.00	35.01 -0.24 0.00	36.60 -0.24 0.00	48.85 -0.48 0.67	58.95 -0.47 0.00	70.79 -0.78 -2.36	36.01 -0.70 1.72	53.63 -0.65 0.00	65.76 -1.27 -1.37	56.85 -1.32 3.40	56.82 -1.36 0.94	47.76 -1.30 0.95	54.29 -1.70 4.42	62.18 -2.47 12.17	61.43 -2.54 23.18	94.58 -2.48 2.56	75.55 -2.05 1.64	67.69 -1.83 1.86	54.57 -1.49 0.00	51.76 -1.38 0.00	43.72 -0.72 0.00	42.27 -0.69 -1.19
PJM_GEN_NEPTUNE_PROXY 323594	39.49 1.40 0.00	36.45 1.26 0.00	34.69 1.17 0.00	36.49 1.24 0.00	38.13 1.29 0.00	51.31 1.98 0.67	61.76 2.34 0.00	72.12 2.91 0.00	38.26 1.56 1.72	56.17 1.89 0.00	68.20 2.54 0.00	67.36 2.72 -3.07	66.97 2.70 -5.15	66.01 2.43 -13.57	216.64 3.29 -152.94	243.86 3.91 -163.13	170.30 3.93 -79.22	219.59 5.04 -114.92	142.71 3.64 -59.84	98.90 3.06 -24.47	73.76 2.42 -15.29	57.75 2.44 -2.18	48.29 2.43 -1.42	72.84 2.06 -29.01
PJM_GEN_VFT_PROXY 323633	39.63 1.53 0.00	36.56 1.37 0.00	34.78 1.26 0.00	36.62 1.37 0.00	38.33 1.49 0.00	51.40 2.07 0.67	62.06 2.65 0.00	72.59 3.38 0.00	38.51 1.80 1.72	56.73 2.46 0.00	68.41 2.75 0.00	64.46 2.90 0.00	61.92 2.80 0.00	52.50 2.49 0.00	63.37 2.95 0.00	80.11 3.28 0.00	83.50 4.15 7.79	104.85 5.23 0.00	83.03 3.79 0.00	72.77 3.25 1.86	58.62 2.57 0.00	55.73 2.59 0.00	46.90 2.47 0.00	41.94 2.27 2.10
PLATSBURG_115KV_PMLD1 355749	38.78 0.68 0.00	35.71 0.52 0.00	33.98 0.47 0.00	35.68 0.43 0.00	37.22 0.39 0.00	50.25 0.26 0.00	59.84 0.42 0.00	69.88 0.66 0.00	38.94 0.52 0.00	55.03 0.75 0.00	66.67 1.00 0.00	62.24 0.68 0.00	59.65 0.52 0.00	50.35 0.34 0.00	60.81 0.39 0.00	77.33 0.51 0.00	87.53 0.38 0.00	100.04 0.41 0.00	79.81 0.57 0.00	71.90 0.52 0.00	56.50 0.44 0.00	53.44 0.31 0.00	44.42 -0.02 0.00	41.70 -0.06 0.00
PLEASANTVLY___LBMP 24000	39.14 1.04 0.00	36.15 0.96 0.00	34.41 0.89 0.00	36.25 1.00 0.00	37.93 1.10 0.00	51.59 1.60 0.00	61.43 2.01 0.00	71.69 2.48 0.00	39.68 1.25 0.00	55.99 1.71 0.00	67.69 2.03 0.00	63.72 2.16 0.00	61.23 2.11 0.00	51.89 1.88 0.00	62.65 2.24 0.00	79.39 2.57 0.00	90.29 3.15 0.00	103.54 3.92 0.00	82.09 2.86 0.00	73.86 2.48 0.00	58.00 1.95 0.00	55.11 1.97 0.00	46.33 1.89 0.00	43.52 1.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.55 1.45 0.00	36.50 1.32 0.00	34.72 1.21 0.00	36.57 1.33 0.00	38.28 1.44 0.00	52.07 2.08 0.00	61.99 2.57 0.00	72.39 3.18 0.00	40.09 1.67 0.00	56.57 2.30 0.00	68.38 2.72 0.00	64.37 2.81 0.00	61.87 2.75 0.00	52.42 2.42 0.00	63.32 2.90 0.00	80.15 3.33 0.00	91.21 4.06 0.00	104.68 5.06 0.00	82.97 3.73 0.00	74.61 3.23 0.00	58.59 2.54 0.00	55.65 2.51 0.00	46.82 2.38 0.00	43.94 2.17 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.55 1.45 0.00	36.50 1.32 0.00	34.72 1.21 0.00	36.57 1.33 0.00	38.28 1.44 0.00	52.07 2.08 0.00	61.99 2.57 0.00	72.39 3.18 0.00	40.09 1.67 0.00	56.57 2.30 0.00	68.38 2.72 0.00	64.37 2.81 0.00	61.87 2.75 0.00	52.42 2.42 0.00	63.32 2.90 0.00	80.15 3.33 0.00	91.21 4.06 0.00	104.68 5.06 0.00	82.97 3.73 0.00	74.61 3.23 0.00	58.59 2.54 0.00	55.65 2.51 0.00	46.82 2.38 0.00	43.94 2.17 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.50 1.41 0.00	36.48 1.29 0.00	34.71 1.20 0.00	36.56 1.31 0.00	38.27 1.43 0.00	52.06 2.07 0.00	62.05 2.64 0.00	72.42 3.21 0.00	40.07 1.65 0.00	56.51 2.23 0.00	68.33 2.67 0.00	64.35 2.79 0.00	61.87 2.75 0.00	52.43 2.43 0.00	63.35 2.94 0.00	80.26 3.44 0.00	91.34 4.20 0.00	104.80 5.18 0.00	83.12 3.88 0.00	74.78 3.40 0.00	58.70 2.64 0.00	55.71 2.58 0.00	46.78 2.34 0.00	43.90 2.13 0.00
POLETTI____ 23519	39.39 1.29 0.01	36.35 1.16 0.00	34.54 1.03 0.00	36.39 1.14 0.00	38.07 1.24 0.00	51.55 1.56 0.00	61.52 2.11 0.00	72.04 2.83 0.00	40.05 1.63 0.00	56.29 2.01 0.00	68.02 2.36 0.00	64.26 2.69 0.00	61.46 2.34 0.00	52.22 2.22 0.00	62.88 2.46 0.00	79.46 2.63 0.00	90.57 3.43 0.00	104.04 4.42 0.00	82.37 3.13 0.00	74.01 2.63 0.00	58.17 2.12 0.00	55.35 2.22 0.00	46.55 2.12 0.00	38.08 2.00 5.68
POMONA___ESR 323819	39.38 1.28 0.00	36.36 1.16 0.00	34.58 1.07 0.00	36.45 1.20 0.00	38.17 1.33 0.00	51.92 1.93 0.00	61.89 2.48 0.00	72.26 3.04 0.00	39.98 1.56 0.00	56.48 2.20 0.00	68.23 2.56 0.00	64.17 2.61 0.00	61.65 2.52 0.00	52.16 2.15 0.00	62.96 2.54 0.00	79.74 2.92 0.00	90.87 3.73 0.00	104.36 4.73 0.00	82.68 3.44 0.00	74.41 3.03 0.00	58.42 2.37 0.00	55.46 2.32 0.00	46.68 2.24 0.00	43.85 2.08 0.00
PORT_JEFF_3 23555	39.44 1.34 0.00	36.42 1.22 0.00	34.67 1.15 0.00	36.46 1.22 0.00	38.05 1.21 0.00	52.43 1.92 -0.51	65.23 2.12 -3.70	84.28 2.68 -12.38	45.11 1.35 -5.34	63.44 1.41 -7.75	70.53 2.01 -2.86	69.79 2.23 -5.99	69.70 2.36 -8.22	69.34 2.24 -17.10	250.88 2.66 -187.80	283.69 3.00 -203.87	208.03 3.33 -117.57	255.41 4.80 -150.99	172.69 3.54 -89.91	117.90 2.93 -43.59	87.48 2.32 -29.11	65.98 2.46 -10.39	55.64 2.72 -8.49	84.83 2.24 -40.83
PORT_JEFF_4 23616	39.44 1.34 0.00	36.42 1.22 0.00	34.67 1.15 0.00	36.46 1.22 0.00	38.05 1.21 0.00	52.43 1.92 -0.51	65.23 2.12 -3.70	84.28 2.68 -12.38	45.11 1.35 -5.34	63.44 1.41 -7.75	70.53 2.01 -2.86	69.79 2.23 -5.99	69.70 2.36 -8.22	69.34 2.24 -17.10	250.88 2.66 -187.80	283.69 3.00 -203.87	208.03 3.33 -117.57	255.41 4.80 -150.99	172.69 3.54 -89.91	117.90 2.93 -43.59	87.48 2.32 -29.11	65.98 2.46 -10.39	55.64 2.72 -8.49	84.83 2.24 -40.83

PORT_JEFF_IC 23713	39.52 1.43 0.00	36.48 1.29 0.00	34.73 1.22 0.00	36.53 1.28 0.00	38.12 1.29 0.00	52.43 2.01 -0.42	64.71 2.26 -3.04	82.26 2.87 -10.18	44.28 1.47 -4.38	62.22 1.57 -6.37	70.22 2.20 -2.35	69.49 2.40 -5.53	69.38 2.49 -7.77	69.06 2.33 -16.73	247.68 2.79 -184.47	279.72 3.22 -199.67	204.52 3.62 -113.76	251.53 5.19 -146.72	168.78 3.87 -85.67	115.61 3.22 -41.01	85.50 2.51 -26.93	64.73 2.63 -8.97	54.48 2.79 -7.25	83.11 2.30 -39.04
PPL PILGRIM_ST_GT1 24216	40.04 1.94 0.00	36.92 1.73 0.00	35.15 1.63 0.00	36.97 1.72 0.00	38.58 1.75 0.00	53.04 2.60 -0.45	65.86 3.22 -3.23	84.14 4.10 -10.83	45.33 2.74 -4.67	63.79 2.74 -6.78	71.74 3.58 -2.50	71.06 3.74 -5.76	70.94 3.76 -8.06	70.59 3.33 -17.26	254.77 4.15 -190.20	287.62 4.82 -205.98	210.06 5.34 -117.59	258.10 6.92 -151.55	173.17 5.15 -88.78	118.47 4.50 -42.59	87.72 3.62 -28.05	66.11 3.53 -9.46	55.43 3.33 -7.66	85.03 2.83 -40.44
PPL PILGRIM_ST_GT2 24217	40.04 1.94 0.00	36.92 1.73 0.00	35.15 1.63 0.00	36.97 1.72 0.00	38.58 1.75 0.00	53.04 2.60 -0.45	65.86 3.22 -3.23	84.14 4.10 -10.83	45.33 2.74 -4.67	63.79 2.74 -6.78	71.74 3.58 -2.50	71.06 3.74 -5.76	70.94 3.76 -8.06	70.59 3.33 -17.26	254.77 4.15 -190.20	287.62 4.82 -205.98	210.06 5.34 -117.59	258.10 6.92 -151.55	173.17 5.15 -88.78	118.47 4.50 -42.59	87.72 3.62 -28.05	66.11 3.53 -9.46	55.43 3.33 -7.66	85.03 2.83 -40.44
PPL_SHRM_GT3 24213	39.61 1.51 0.00	36.60 1.41 0.00	34.83 1.32 0.00	36.64 1.39 0.00	38.25 1.42 0.00	52.70 2.22 -0.49	65.52 2.59 -3.52	84.36 3.37 -11.78	45.18 1.67 -5.07	63.48 1.82 -7.38	70.79 2.40 -2.72	70.12 2.68 -5.87	70.00 2.77 -8.10	69.64 2.62 -17.02	250.78 3.25 -187.11	283.61 3.83 -202.96	207.77 3.98 -116.65	255.51 5.89 -149.99	172.68 4.60 -88.84	118.17 3.86 -42.92	87.61 3.02 -28.53	66.13 2.99 -10.00	55.55 2.96 -8.15	84.51 2.36 -40.38
PPL_SHRM_GT4 24214	39.61 1.51 0.00	36.60 1.41 0.00	34.83 1.32 0.00	36.64 1.39 0.00	38.25 1.42 0.00	52.70 2.22 -0.49	65.52 2.59 -3.52	84.36 3.37 -11.78	45.18 1.67 -5.07	63.48 1.82 -7.38	70.79 2.40 -2.72	70.12 2.68 -5.87	70.00 2.77 -8.10	69.64 2.62 -17.02	250.78 3.25 -187.11	283.61 3.83 -202.96	207.77 3.98 -116.65	255.51 5.89 -149.99	172.68 4.60 -88.84	118.17 3.86 -42.92	87.61 3.02 -28.53	66.13 2.99 -10.00	55.55 2.96 -8.15	84.51 2.36 -40.38
PROJECT___ORANGE 1 24174	37.47 -0.63 0.00	34.60 -0.59 0.00	32.95 -0.56 0.00	34.64 -0.61 0.00	36.19 -0.64 0.00	49.11 -0.88 0.00	58.41 -1.00 0.00	68.07 -1.14 0.00	37.81 -0.61 0.00	53.52 -0.75 0.00	64.56 -1.10 0.00	60.49 -1.08 0.00	58.09 -1.03 0.00	49.13 -0.87 0.00	59.29 -1.13 0.00	75.34 -1.48 0.00	85.51 -1.63 0.00	97.91 -1.71 0.00	77.77 -1.47 0.00	69.99 -1.40 0.00	54.89 -1.17 0.00	51.96 -1.17 0.00	43.52 -0.92 0.00	41.34 -0.82 -0.40
PROJECT___ORANGE 2 24166	37.47 -0.63 0.00	34.60 -0.59 0.00	32.95 -0.56 0.00	34.64 -0.61 0.00	36.19 -0.64 0.00	49.11 -0.88 0.00	58.41 -1.00 0.00	68.07 -1.14 0.00	37.81 -0.61 0.00	53.52 -0.75 0.00	64.56 -1.10 0.00	60.49 -1.08 0.00	58.09 -1.03 0.00	49.13 -0.87 0.00	59.29 -1.13 0.00	75.34 -1.48 0.00	85.51 -1.63 0.00	97.91 -1.71 0.00	77.77 -1.47 0.00	69.99 -1.40 0.00	54.89 -1.17 0.00	51.96 -1.17 0.00	43.52 -0.92 0.00	41.34 -0.82 -0.40
PUCKETT___SOLAR 323809	38.41 0.31 0.00	35.47 0.27 0.00	33.72 0.21 0.00	35.51 0.26 0.00	37.12 0.29 0.00	50.37 0.38 0.00	59.96 0.54 0.00	69.93 0.71 0.00	38.65 0.22 0.00	54.70 0.42 0.00	65.82 0.16 0.00	61.47 -0.10 0.00	58.68 -0.13 0.31	49.83 -0.18 0.00	60.13 -0.29 0.00	76.61 -0.21 0.00	87.18 0.04 0.00	99.85 0.22 0.00	79.55 0.32 0.00	71.83 0.45 0.00	56.36 0.31 0.00	53.35 0.22 0.00	44.86 0.42 0.00	42.11 0.35 0.00
PYRITES___HYD 24023	40.23 2.13 0.00	37.00 1.81 0.00	35.20 1.69 0.00	36.94 1.69 0.00	38.59 1.76 0.00	52.45 2.45 0.00	62.36 2.95 0.00	72.94 3.72 0.00	40.62 2.20 0.00	57.44 3.16 0.00	69.60 3.94 0.00	65.00 3.44 0.00	62.28 3.16 0.00	52.68 2.68 0.00	63.19 2.77 0.00	80.10 3.27 0.00	90.35 3.21 0.00	103.23 3.61 0.00	82.39 3.15 0.00	74.50 3.12 0.00	58.87 2.82 0.00	55.75 2.62 0.00	46.31 1.87 0.00	43.37 1.61 0.00
QUAKERRD_115KV_BK1 80622	37.08 -1.02 0.00	34.11 -1.08 0.00	32.38 -1.13 0.00	34.04 -1.21 0.00	35.52 -1.32 0.00	48.05 -1.94 0.00	56.92 -2.49 0.00	66.11 -3.10 0.00	36.76 -1.67 0.00	52.26 -2.02 0.00	62.85 -2.81 0.00	57.52 -2.95 1.09	55.83 -2.94 0.36	47.05 -2.49 0.47	55.07 -3.16 2.18	67.38 -4.21 5.24	74.95 -4.87 7.32	93.13 -5.30 1.20	74.11 -4.35 0.78	67.36 -4.02 0.00	52.76 -3.29 0.00	49.89 -3.24 0.00	41.86 -2.58 0.00	39.76 -2.39 -0.39
QUENSBRY_115KV_TB8 356137	39.34 1.24 0.00	36.33 1.14 0.00	34.74 1.22 0.00	36.73 1.48 0.00	38.63 1.79 0.00	52.47 2.47 0.00	62.49 3.07 0.00	72.11 2.90 0.00	40.04 1.61 0.00	56.44 2.17 0.00	68.72 3.06 0.00	64.94 3.38 0.00	62.53 3.41 0.00	52.75 2.74 0.00	63.69 3.27 0.00	81.17 4.35 0.00	92.03 4.89 0.00	104.75 5.13 0.00	83.11 3.87 0.00	75.04 3.66 0.00	58.52 2.47 0.00	55.59 2.46 0.00	46.64 2.20 0.00	43.69 1.93 0.00
RAMAPO___LBMP 323565	39.23 1.13 0.00	36.23 1.04 0.00	34.46 0.95 0.00	36.32 1.07 0.00	38.03 1.19 0.00	51.74 1.75 0.00	61.67 2.25 0.00	71.98 2.77 0.00	39.82 1.40 0.00	56.25 1.97 0.00	67.94 2.28 0.00	63.89 2.33 0.00	61.36 2.24 0.00	51.91 1.90 0.00	62.63 2.21 0.00	79.35 2.53 0.00	90.45 3.31 0.00	103.88 4.25 0.00	82.33 3.09 0.00	74.10 2.72 0.00	58.16 2.11 0.00	55.22 2.08 0.00	46.49 2.06 0.00	43.67 1.91 0.00
RANKINE____ 23646	38.08 -0.02 0.00	34.82 -0.37 0.00	32.91 -0.60 0.00	34.60 -0.65 0.00	36.01 -0.83 0.00	48.44 -1.56 0.00	57.07 -2.34 0.00	65.86 -3.36 0.00	36.51 -1.92 0.00	52.17 -2.11 0.00	62.28 -3.38 0.00	54.35 -3.75 3.46	54.16 -3.81 1.16	45.18 -3.34 1.49	49.21 -4.28 6.93	54.45 -5.66 16.71	56.09 -6.75 24.30	88.24 -7.33 4.05	70.86 -5.78 2.60	65.99 -5.39 0.00	51.66 -4.39 0.00	48.92 -4.22 0.00	41.33 -3.11 0.00	38.92 -2.85 0.00
RAVENSWOOD_GT2_1 24244	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.87 3.66 0.00	40.39 1.96 0.00	56.94 2.66 0.00	68.72 3.06 0.00	64.75 3.18 0.00	62.21 3.08 0.00	52.76 2.76 0.00	63.67 3.25 0.00	80.49 3.67 0.00	91.66 4.52 0.00	105.23 5.60 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.95 2.82 0.00	47.08 2.64 0.00	44.18 2.41 0.00
RAVENSWOOD_GT2_2 24245	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.87 3.66 0.00	40.39 1.96 0.00	56.94 2.66 0.00	68.72 3.06 0.00	64.75 3.18 0.00	62.21 3.08 0.00	52.76 2.76 0.00	63.67 3.25 0.00	80.49 3.67 0.00	91.66 4.52 0.00	105.23 5.60 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.95 2.82 0.00	47.08 2.64 0.00	44.18 2.41 0.00

RAVENSWOOD_GT2_3 24246	39.84 1.74 0.00	36.76 1.57 0.00	34.95 1.44 0.00	36.81 1.56 0.00	38.51 1.67 0.00	52.30 2.31 0.00	62.32 2.91 0.00	72.88 3.67 0.00	40.41 1.98 0.00	56.96 2.68 0.00	68.74 3.08 0.00	64.78 3.21 0.00	62.22 3.10 0.00	52.79 2.78 0.00	63.71 3.29 0.00	80.53 3.71 0.00	91.69 4.55 0.00	105.30 5.67 0.00	83.38 4.14 0.00	74.95 3.57 0.00	58.87 2.81 0.00	55.98 2.85 0.00	47.09 2.65 0.00	44.19 2.43 0.00
RAVENSWOOD_GT2_4 24247	39.84 1.74 0.00	36.76 1.57 0.00	34.95 1.44 0.00	36.81 1.56 0.00	38.51 1.67 0.00	52.30 2.31 0.00	62.32 2.91 0.00	72.88 3.67 0.00	40.41 1.98 0.00	56.96 2.68 0.00	68.74 3.08 0.00	64.78 3.21 0.00	62.22 3.10 0.00	52.79 2.78 0.00	63.71 3.29 0.00	80.53 3.71 0.00	91.69 4.55 0.00	105.30 5.67 0.00	83.38 4.14 0.00	74.95 3.57 0.00	58.87 2.81 0.00	55.98 2.85 0.00	47.09 2.65 0.00	44.19 2.43 0.00
RAVENSWOOD_GT3_1 24248	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.87 3.66 0.00	40.39 1.96 0.00	56.94 2.66 0.00	68.72 3.06 0.00	64.75 3.18 0.00	62.21 3.08 0.00	52.76 2.76 0.00	63.67 3.25 0.00	80.50 3.67 0.00	91.66 4.52 0.00	105.23 5.61 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.95 2.82 0.00	47.08 2.64 0.00	44.18 2.41 0.00
RAVENSWOOD_GT3_2 24249	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.87 3.66 0.00	40.39 1.96 0.00	56.94 2.66 0.00	68.72 3.06 0.00	64.75 3.18 0.00	62.21 3.08 0.00	52.76 2.76 0.00	63.67 3.25 0.00	80.50 3.67 0.00	91.66 4.52 0.00	105.23 5.61 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.95 2.82 0.00	47.08 2.64 0.00	44.18 2.41 0.00
RAVENSWOOD_GT3_3 24250	39.88 1.78 0.00	36.79 1.60 0.00	34.98 1.47 0.00	36.84 1.60 0.00	38.54 1.71 0.00	52.35 2.35 0.00	62.39 2.98 0.00	72.98 3.76 0.00	40.45 2.02 0.00	57.03 2.75 0.00	68.82 3.16 0.00	64.85 3.29 0.00	62.30 3.18 0.00	52.85 2.85 0.00	63.78 3.36 0.00	80.62 3.79 0.00	91.79 4.65 0.00	105.42 5.79 0.00	83.47 4.23 0.00	75.04 3.66 0.00	58.94 2.89 0.00	56.05 2.91 0.00	47.15 2.71 0.00	44.23 2.47 0.00
RAVENSWOOD_GT3_4 24251	39.88 1.78 0.00	36.79 1.60 0.00	34.98 1.47 0.00	36.84 1.60 0.00	38.54 1.71 0.00	52.35 2.35 0.00	62.39 2.98 0.00	72.98 3.76 0.00	40.45 2.02 0.00	57.03 2.75 0.00	68.82 3.16 0.00	64.85 3.29 0.00	62.30 3.18 0.00	52.85 2.85 0.00	63.78 3.36 0.00	80.62 3.79 0.00	91.79 4.65 0.00	105.42 5.79 0.00	83.47 4.23 0.00	75.04 3.66 0.00	58.94 2.89 0.00	56.05 2.91 0.00	47.15 2.71 0.00	44.23 2.47 0.00
RAVENSWOOD_GT_1 23729	39.93 1.83 0.00	36.84 1.65 0.00	35.02 1.50 0.00	36.88 1.63 0.00	38.58 1.75 0.00	52.36 2.36 0.00	62.34 2.92 0.00	72.97 3.76 0.00	40.52 2.09 0.00	57.03 2.76 0.00	68.75 3.09 0.00	64.84 3.28 0.00	62.31 3.18 0.00	52.94 2.93 0.00	63.80 3.38 0.00	80.55 3.72 0.00	91.70 4.56 0.00	105.30 5.67 0.00	83.37 4.13 0.00	74.93 3.55 0.00	58.91 2.85 0.00	56.10 2.97 0.00	47.22 2.78 0.00	44.31 2.54 0.00
RAVENSWOOD_GT_10 24258	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.88 3.66 0.00	40.39 1.96 0.00	56.94 2.66 0.00	68.72 3.06 0.00	64.75 3.18 0.00	62.20 3.08 0.00	52.76 2.76 0.00	63.66 3.24 0.00	80.50 3.68 0.00	91.66 4.52 0.00	105.23 5.61 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.94 2.81 0.00	47.07 2.64 0.00	44.17 2.41 0.00
RAVENSWOOD_GT_11 24259	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.88 3.66 0.00	40.39 1.96 0.00	56.94 2.66 0.00	68.72 3.06 0.00	64.75 3.18 0.00	62.20 3.08 0.00	52.76 2.76 0.00	63.66 3.24 0.00	80.50 3.68 0.00	91.66 4.52 0.00	105.23 5.61 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.94 2.81 0.00	47.07 2.64 0.00	44.17 2.41 0.00
RAVENSWOOD_GT_4 24252	39.84 1.74 0.00	36.76 1.57 0.00	34.95 1.44 0.00	36.81 1.56 0.00	38.51 1.67 0.00	52.28 2.29 0.00	62.29 2.88 0.00	72.88 3.67 0.00	40.42 1.99 0.00	56.94 2.66 0.00	68.71 3.04 0.00	64.75 3.19 0.00	62.22 3.09 0.00	52.80 2.80 0.00	63.68 3.27 0.00	80.50 3.67 0.00	91.66 4.52 0.00	105.23 5.60 0.00	83.35 4.11 0.00	74.91 3.53 0.00	58.85 2.79 0.00	55.98 2.85 0.00	47.10 2.67 0.00	44.20 2.44 0.00
RAVENSWOOD_GT_5 24254	39.84 1.74 0.00	36.76 1.57 0.00	34.95 1.44 0.00	36.81 1.56 0.00	38.51 1.67 0.00	52.28 2.29 0.00	62.29 2.88 0.00	72.88 3.67 0.00	40.42 1.99 0.00	56.94 2.66 0.00	68.71 3.04 0.00	64.75 3.19 0.00	62.22 3.09 0.00	52.80 2.80 0.00	63.68 3.27 0.00	80.50 3.67 0.00	91.66 4.52 0.00	105.23 5.60 0.00	83.35 4.11 0.00	74.91 3.53 0.00	58.85 2.79 0.00	55.98 2.85 0.00	47.10 2.67 0.00	44.20 2.44 0.00
RAVENSWOOD_GT_6 24253	39.84 1.74 0.00	36.76 1.57 0.00	34.95 1.44 0.00	36.81 1.56 0.00	38.51 1.67 0.00	52.28 2.29 0.00	62.29 2.88 0.00	72.88 3.67 0.00	40.42 1.99 0.00	56.94 2.66 0.00	68.71 3.04 0.00	64.75 3.19 0.00	62.22 3.09 0.00	52.80 2.80 0.00	63.68 3.27 0.00	80.50 3.67 0.00	91.66 4.52 0.00	105.23 5.60 0.00	83.35 4.11 0.00	74.91 3.53 0.00	58.85 2.79 0.00	55.98 2.85 0.00	47.10 2.67 0.00	44.20 2.44 0.00
RAVENSWOOD_GT_7 24255	39.84 1.74 0.00	36.76 1.57 0.00	34.95 1.44 0.00	36.81 1.56 0.00	38.51 1.67 0.00	52.28 2.29 0.00	62.29 2.88 0.00	72.88 3.67 0.00	40.42 1.99 0.00	56.94 2.66 0.00	68.71 3.04 0.00	64.75 3.19 0.00	62.22 3.09 0.00	52.80 2.80 0.00	63.68 3.27 0.00	80.50 3.67 0.00	91.66 4.52 0.00	105.23 5.60 0.00	83.35 4.11 0.00	74.91 3.53 0.00	58.85 2.79 0.00	55.98 2.85 0.00	47.10 2.67 0.00	44.20 2.44 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.88 3.66 0.00	40.39 1.96 0.00	56.94 2.66 0.00	68.72 3.06 0.00	64.75 3.18 0.00	62.20 3.08 0.00	52.76 2.76 0.00	63.66 3.24 0.00	80.50 3.68 0.00	91.66 4.52 0.00	105.23 5.61 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.94 2.81 0.00	47.07 2.64 0.00	44.17 2.41 0.00
RAVENSWOOD_GT_9 24257	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.79 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.88 3.66 0.00	40.39 1.96 0.00	56.94 2.66 0.00	68.72 3.06 0.00	64.75 3.18 0.00	62.20 3.08 0.00	52.76 2.76 0.00	63.66 3.24 0.00	80.50 3.68 0.00	91.66 4.52 0.00	105.23 5.61 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.94 2.81 0.00	47.07 2.64 0.00	44.17 2.41 0.00

RAVENSWOOD___1 23533	39.90 1.80 0.00	36.81 1.61 0.00	35.00 1.48 0.00	36.86 1.61 0.00	38.56 1.73 0.00	52.33 2.34 0.00	62.30 2.88 0.00	72.92 3.70 0.00	40.49 2.06 0.00	57.01 2.73 0.00	68.73 3.07 0.00	64.82 3.25 0.00	62.27 3.15 0.00	52.90 2.90 0.00	63.77 3.35 0.00	80.52 3.69 0.00	91.69 4.55 0.00	105.27 5.64 0.00	83.35 4.12 0.00	74.91 3.53 0.00	58.90 2.84 0.00	56.07 2.94 0.00	47.17 2.74 0.00	44.27 2.51 0.00
RAVENSWOOD___2 23534	39.88 1.78 0.00	36.78 1.59 0.00	34.97 1.46 0.00	36.83 1.58 0.00	38.54 1.71 0.00	52.30 2.31 0.00	62.28 2.86 0.00	72.90 3.68 0.00	40.47 2.05 0.00	56.97 2.69 0.00	68.70 3.04 0.00	64.78 3.22 0.00	62.24 3.12 0.00	52.88 2.87 0.00	63.72 3.31 0.00	80.49 3.66 0.00	91.67 4.53 0.00	105.22 5.59 0.00	83.32 4.08 0.00	74.88 3.50 0.00	58.86 2.81 0.00	56.04 2.90 0.00	47.14 2.70 0.00	44.24 2.48 0.00
RAVENSWOOD___3 23535	39.82 1.72 0.00	36.74 1.55 0.00	34.94 1.43 0.00	36.80 1.55 0.00	38.50 1.67 0.00	52.27 2.28 0.00	62.30 2.88 0.00	72.87 3.66 0.00	40.39 1.96 0.00	56.95 2.67 0.00	68.72 3.06 0.00	64.75 3.19 0.00	62.21 3.09 0.00	52.77 2.77 0.00	63.68 3.26 0.00	80.49 3.67 0.00	91.66 4.52 0.00	105.23 5.61 0.00	83.37 4.13 0.00	74.91 3.53 0.00	58.84 2.79 0.00	55.95 2.81 0.00	47.08 2.64 0.00	44.17 2.41 0.00
RAVENSWOOD___4 23820	39.88 1.78 0.00	36.78 1.59 0.00	34.97 1.46 0.00	36.83 1.58 0.00	38.54 1.71 0.00	52.30 2.31 0.00	62.28 2.86 0.00	72.90 3.68 0.00	40.47 2.05 0.00	56.97 2.69 0.00	68.70 3.04 0.00	64.78 3.22 0.00	62.24 3.12 0.00	52.88 2.87 0.00	63.72 3.31 0.00	80.49 3.66 0.00	91.67 4.53 0.00	105.22 5.59 0.00	83.32 4.08 0.00	74.88 3.50 0.00	58.86 2.81 0.00	56.04 2.90 0.00	47.14 2.70 0.00	44.24 2.48 0.00
RCPL_TRUST___DRP 24196	39.78 1.68 0.00	36.71 1.52 0.00	34.91 1.40 0.00	36.77 1.52 0.00	38.47 1.63 0.00	52.27 2.28 0.00	62.33 2.91 0.00	72.90 3.68 0.00	40.37 1.94 0.00	56.95 2.67 0.00	68.73 3.07 0.00	64.76 3.19 0.00	62.22 3.09 0.00	52.77 2.77 0.00	63.71 3.29 0.00	80.54 3.72 0.00	91.67 4.53 0.00	105.31 5.68 0.00	83.38 4.14 0.00	74.94 3.56 0.00	58.84 2.79 0.00	55.94 2.81 0.00	47.07 2.63 0.00	44.17 2.40 0.00
RED___ROCHESTER 323720	38.42 0.32 0.00	35.28 0.09 0.00	33.45 -0.07 0.00	35.15 -0.09 0.00	36.67 -0.16 0.00	49.54 -0.45 0.00	58.67 -0.74 0.00	68.13 -1.09 0.00	37.88 -0.54 0.00	53.98 -0.29 0.00	64.81 -0.86 0.00	58.60 -1.21 1.75	57.20 -1.27 0.65	48.13 -1.12 0.75	55.35 -1.56 3.51	66.15 -2.18 8.49	72.27 -2.59 12.28	94.98 -2.61 2.04	75.69 -2.23 1.32	69.28 -2.10 0.00	54.21 -1.84 0.00	51.27 -1.86 0.00	43.06 -1.38 0.00	40.47 -1.30 0.00
REGAN___SOLAR 323812	39.28 1.18 0.00	36.25 1.06 0.00	34.49 0.98 0.00	36.29 1.04 0.00	37.93 1.10 0.00	51.57 1.58 0.00	61.47 2.05 0.00	71.79 2.58 0.00	39.72 1.29 0.00	55.93 1.66 0.00	67.32 1.66 0.00	62.55 0.99 0.00	60.15 1.03 0.00	51.11 1.11 0.00	62.01 1.59 0.00	79.40 2.58 0.00	90.24 3.10 0.00	103.80 4.17 0.00	82.51 3.27 0.00	74.28 2.90 0.00	58.23 2.18 0.00	55.14 2.00 0.00	46.05 1.61 0.00	43.10 1.34 0.00
RENSSELAER___COGEN 23796	38.14 0.04 0.00	35.34 0.15 0.00	33.73 0.21 0.00	35.59 0.34 0.00	37.17 0.33 0.00	50.25 0.26 0.00	59.46 0.04 0.00	69.05 -0.16 0.00	38.20 -0.22 0.00	53.83 -0.44 0.00	65.28 -0.38 0.00	61.39 -0.18 0.00	59.09 -0.03 0.00	50.11 0.11 0.00	60.54 0.12 0.00	77.13 0.31 0.00	87.57 0.43 0.00	99.86 0.23 0.00	79.31 0.07 0.00	71.45 0.07 0.00	56.13 0.08 0.00	53.37 0.23 0.00	44.76 0.32 0.00	42.17 0.41 0.00
REPUBLIC_115KV_BARTNBK 55605	41.46 3.36 0.00	38.20 3.01 0.00	36.70 3.19 0.00	38.89 3.64 0.00	41.06 4.22 0.00	55.64 5.65 0.00	66.34 6.93 0.00	75.64 6.42 0.00	42.14 3.71 0.00	59.34 5.06 0.00	72.89 7.23 0.00	69.45 7.89 0.00	66.91 7.78 0.00	56.10 6.10 0.00	67.74 7.32 0.00	86.73 9.91 0.00	98.30 11.15 0.00	110.94 11.32 0.00	87.75 8.51 0.00	79.81 8.43 0.00	61.59 5.53 0.00	58.57 5.43 0.00	49.18 4.74 0.00	45.79 4.02 0.00
REVERE_CPPR_DRP 24186	39.45 1.35 0.00	36.48 1.29 0.00	34.75 1.23 0.00	36.54 1.29 0.00	38.21 1.38 0.00	52.08 2.08 0.00	62.11 2.69 0.00	72.46 3.25 0.00	40.24 1.81 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.34 2.77 0.00	61.75 2.63 0.00	52.26 2.25 0.00	62.90 2.48 0.00	79.94 3.11 0.00	91.08 3.94 0.00	104.23 4.60 0.00	82.77 3.53 0.00	74.42 3.04 0.00	58.32 2.27 0.00	55.12 1.99 0.00	46.10 1.67 0.00	43.24 1.47 0.00
REYNLDPA_13_KV_LD 356490	39.09 0.99 0.00	36.00 0.81 0.00	34.26 0.75 0.00	35.99 0.74 0.00	37.56 0.73 0.00	50.97 0.98 0.00	60.54 1.12 0.00	70.64 1.42 0.00	39.31 0.88 0.00	55.53 1.25 0.00	67.29 1.62 0.00	62.91 1.34 0.00	60.34 1.22 0.00	51.01 1.01 0.00	61.72 1.30 0.00	78.42 1.60 0.00	88.46 1.32 0.00	101.38 1.75 0.00	80.85 1.62 0.00	72.94 1.56 0.00	57.29 1.24 0.00	54.25 1.11 0.00	45.16 0.72 0.00	42.37 0.61 0.00
REYNOLDS_115KV_TB3 80639	38.17 0.07 0.00	35.38 0.19 0.00	33.78 0.27 0.00	35.67 0.43 0.00	37.27 0.43 0.00	50.47 0.48 0.00	59.84 0.43 0.00	69.38 0.17 0.00	38.38 -0.04 0.00	54.07 -0.21 0.00	65.57 -0.09 0.00	61.67 0.11 0.00	59.40 0.28 0.00	50.41 0.40 0.00	60.89 0.47 0.00	77.60 0.78 0.00	88.06 0.91 0.00	100.34 0.72 0.00	79.72 0.48 0.00	71.82 0.44 0.00	56.35 0.30 0.00	53.61 0.47 0.00	44.98 0.54 0.00	42.39 0.62 0.00
RIVERBAY____ 323610	40.62 2.51 0.00	37.51 2.32 0.00	35.65 2.14 0.00	37.57 2.32 0.00	39.33 2.50 0.00	53.31 3.31 0.00	63.67 4.25 0.00	74.42 5.21 0.00	41.28 2.85 0.00	58.03 3.76 0.00	70.01 4.35 0.00	66.02 4.46 0.00	63.38 4.26 0.00	53.84 3.83 0.00	64.79 4.37 0.00	81.89 5.07 0.00	93.34 6.19 0.00	107.18 7.55 0.00	84.91 5.67 0.00	76.22 4.84 0.00	59.90 3.85 0.00	56.93 3.80 0.00	47.87 3.44 0.00	44.95 3.18 0.00
RIVERSDE_115KV_TB3 55908	38.20 0.10 0.00	35.40 0.21 0.00	33.79 0.28 0.00	35.67 0.42 0.00	37.26 0.42 0.00	50.41 0.42 0.00	59.70 0.28 0.00	69.28 0.07 0.00	38.34 -0.09 0.00	54.02 -0.26 0.00	65.51 -0.15 0.00	61.60 0.04 0.00	59.33 0.20 0.00	50.33 0.33 0.00	60.78 0.36 0.00	77.45 0.62 0.00	87.91 0.76 0.00	100.23 0.60 0.00	79.62 0.39 0.00	71.73 0.34 0.00	56.31 0.25 0.00	53.54 0.40 0.00	44.91 0.48 0.00	42.31 0.54 0.00
ROARING___BROOK_WT_PWR 323790	38.26 0.16 0.00	35.30 0.11 0.00	33.62 0.10 0.00	35.35 0.11 0.00	36.91 0.08 0.00	50.10 0.11 0.00	59.57 0.15 0.00	69.41 0.20 0.00	38.54 0.12 0.00	54.44 0.17 0.00	65.86 0.19 0.00	61.62 0.06 0.00	59.10 -0.02 0.00	49.87 -0.14 0.00	60.09 -0.32 0.00	76.32 -0.50 0.00	86.73 -0.41 0.00	99.06 -0.56 0.00	78.96 -0.27 0.00	71.08 -0.30 0.00	55.89 -0.16 0.00	52.84 -0.30 0.00	44.30 -0.13 0.00	41.79 0.02 0.00

ROCHESRG_115KV_T4 355643	37.97 -0.13 0.00	34.89 -0.30 0.00	33.08 -0.43 0.00	34.77 -0.48 0.00	36.27 -0.57 0.00	48.96 -1.03 0.00	57.91 -1.51 0.00	67.19 -2.02 0.00	37.35 -1.08 0.00	53.19 -1.09 0.00	63.84 -1.82 0.00	57.78 -2.07 1.71	56.38 -2.11 0.63	47.45 -1.82 0.74	54.59 -2.40 3.43	65.23 -3.29 8.30	71.25 -3.90 11.99	93.49 -4.14 1.99	74.52 -3.43 1.29	68.22 -3.16 0.00	53.44 -2.62 0.00	50.56 -2.57 0.00	42.50 -1.94 0.00	39.97 -1.79 0.00
ROCHESTER_9_IC 23652	38.27 0.17 0.00	35.14 -0.05 0.00	33.33 -0.18 0.00	35.02 -0.23 0.00	36.53 -0.30 0.00	49.34 -0.65 0.00	58.41 -1.01 0.00	67.80 -1.41 0.00	37.70 -0.73 0.00	53.69 -0.59 0.00	64.46 -1.20 0.00	58.30 -1.51 1.76	56.90 -1.57 0.66	47.89 -1.37 0.75	55.05 -1.86 3.51	65.72 -2.60 8.50	71.77 -3.08 12.29	94.38 -3.21 2.04	75.23 -2.69 1.32	68.86 -2.52 0.00	53.92 -2.13 0.00	51.00 -2.14 0.00	42.84 -1.59 0.00	40.28 -1.48 0.00
ROCKVIEW_13_KV_LD 356306	39.70 1.60 0.00	36.65 1.46 0.00	34.85 1.34 0.00	36.71 1.46 0.00	38.43 1.60 0.00	52.29 2.30 0.00	62.28 2.86 0.00	72.77 3.55 0.00	40.31 1.88 0.00	56.89 2.61 0.00	68.73 3.07 0.00	64.74 3.18 0.00	62.22 3.10 0.00	52.74 2.73 0.00	63.70 3.28 0.00	80.59 3.76 0.00	91.69 4.55 0.00	105.32 5.70 0.00	83.44 4.20 0.00	75.04 3.66 0.00	58.90 2.85 0.00	55.96 2.82 0.00	47.08 2.64 0.00	44.17 2.40 0.00
ROME____115KV_TB2 80656	39.45 1.35 0.00	36.48 1.29 0.00	34.75 1.23 0.00	36.54 1.29 0.00	38.21 1.38 0.00	52.08 2.08 0.00	62.11 2.69 0.00	72.46 3.25 0.00	40.24 1.81 0.00	56.94 2.66 0.00	68.71 3.05 0.00	64.34 2.77 0.00	61.75 2.63 0.00	52.26 2.25 0.00	62.90 2.48 0.00	79.94 3.11 0.00	91.08 3.94 0.00	104.23 4.60 0.00	82.77 3.53 0.00	74.42 3.04 0.00	58.32 2.27 0.00	55.12 1.99 0.00	46.10 1.67 0.00	43.24 1.47 0.00
ROSETON___1 23587	39.16 1.06 0.00	36.17 0.98 0.00	34.42 0.91 0.00	36.27 1.02 0.00	37.95 1.12 0.00	51.61 1.61 0.00	61.45 2.03 0.00	71.72 2.51 0.00	39.71 1.28 0.00	56.03 1.76 0.00	67.72 2.06 0.00	63.73 2.17 0.00	61.25 2.12 0.00	51.89 1.89 0.00	62.64 2.22 0.00	79.38 2.56 0.00	90.33 3.18 0.00	103.55 3.93 0.00	82.11 2.87 0.00	73.88 2.50 0.00	58.03 1.97 0.00	55.11 1.98 0.00	46.34 1.90 0.00	43.52 1.75 0.00
ROSETON___2 23588	39.16 1.06 0.00	36.17 0.98 0.00	34.42 0.91 0.00	36.27 1.02 0.00	37.95 1.12 0.00	51.61 1.61 0.00	61.45 2.03 0.00	71.72 2.51 0.00	39.71 1.28 0.00	56.03 1.76 0.00	67.72 2.06 0.00	63.73 2.17 0.00	61.25 2.12 0.00	51.89 1.89 0.00	62.64 2.22 0.00	79.38 2.56 0.00	90.33 3.18 0.00	103.55 3.93 0.00	82.11 2.87 0.00	73.88 2.50 0.00	58.03 1.97 0.00	55.11 1.98 0.00	46.34 1.90 0.00	43.52 1.75 0.00
ROTRRDAM_115KV_TB3 80664	38.65 0.56 0.00	35.75 0.56 0.00	34.08 0.57 0.00	35.92 0.67 0.00	37.58 0.74 0.00	51.04 1.05 0.00	60.73 1.32 0.00	70.53 1.32 0.00	39.08 0.65 0.00	55.13 0.85 0.00	66.74 1.08 0.00	62.68 1.12 0.00	60.29 1.17 0.00	51.05 1.05 0.00	61.69 1.27 0.00	78.52 1.69 0.00	89.12 1.98 0.00	101.79 2.17 0.00	80.87 1.63 0.00	72.84 1.45 0.00	57.14 1.08 0.00	54.24 1.11 0.00	45.46 1.02 0.00	42.74 0.98 0.00
RUSSELL___1 23602	38.42 0.32 0.00	35.28 0.09 0.00	33.45 -0.07 0.00	35.15 -0.09 0.00	36.67 -0.17 0.00	49.54 -0.45 0.00	58.67 -0.75 0.00	68.12 -1.09 0.00	37.89 -0.54 0.00	53.99 -0.29 0.00	64.81 -0.86 0.00	58.62 -1.19 1.75	57.20 -1.27 0.65	48.16 -1.10 0.75	55.37 -1.53 3.51	66.17 -2.17 8.49	72.27 -2.59 12.28	94.98 -2.61 2.04	75.69 -2.23 1.32	69.28 -2.10 0.00	54.23 -1.83 0.00	51.27 -1.86 0.00	43.06 -1.38 0.00	40.47 -1.30 0.00
RUSSELL___2 23532	38.42 0.32 0.00	35.28 0.09 0.00	33.45 -0.07 0.00	35.15 -0.09 0.00	36.67 -0.17 0.00	49.54 -0.45 0.00	58.67 -0.75 0.00	68.12 -1.09 0.00	37.89 -0.54 0.00	53.99 -0.29 0.00	64.81 -0.86 0.00	58.62 -1.19 1.75	57.20 -1.27 0.65	48.16 -1.10 0.75	55.37 -1.53 3.51	66.17 -2.17 8.49	72.27 -2.59 12.28	94.98 -2.61 2.04	75.69 -2.23 1.32	69.28 -2.10 0.00	54.23 -1.83 0.00	51.27 -1.86 0.00	43.06 -1.38 0.00	40.47 -1.30 0.00
RUSSELL___3 23549	38.42 0.32 0.00	35.28 0.09 0.00	33.45 -0.07 0.00	35.15 -0.09 0.00	36.67 -0.17 0.00	49.54 -0.45 0.00	58.67 -0.75 0.00	68.12 -1.09 0.00	37.89 -0.54 0.00	53.99 -0.29 0.00	64.81 -0.86 0.00	58.62 -1.19 1.75	57.20 -1.27 0.65	48.16 -1.10 0.75	55.37 -1.53 3.51	66.17 -2.17 8.49	72.27 -2.59 12.28	94.98 -2.61 2.04	75.69 -2.23 1.32	69.28 -2.10 0.00	54.23 -1.83 0.00	51.27 -1.86 0.00	43.06 -1.38 0.00	40.47 -1.30 0.00
RUSSELL___4 23556	38.42 0.32 0.00	35.28 0.09 0.00	33.45 -0.07 0.00	35.15 -0.09 0.00	36.67 -0.17 0.00	49.54 -0.45 0.00	58.67 -0.75 0.00	68.12 -1.09 0.00	37.89 -0.54 0.00	53.99 -0.29 0.00	64.81 -0.86 0.00	58.62 -1.19 1.75	57.20 -1.27 0.65	48.16 -1.10 0.75	55.37 -1.53 3.51	66.17 -2.17 8.49	72.27 -2.59 12.28	94.98 -2.61 2.04	75.69 -2.23 1.32	69.28 -2.10 0.00	54.23 -1.83 0.00	51.27 -1.86 0.00	43.06 -1.38 0.00	40.47 -1.30 0.00
RUSSELL___STATION 23914	38.42 0.32 0.00	35.28 0.09 0.00	33.45 -0.07 0.00	35.15 -0.09 0.00	36.67 -0.17 0.00	49.54 -0.45 0.00	58.67 -0.75 0.00	68.12 -1.09 0.00	37.89 -0.54 0.00	53.99 -0.29 0.00	64.81 -0.86 0.00	58.62 -1.19 1.75	57.20 -1.27 0.65	48.16 -1.10 0.75	55.37 -1.53 3.51	66.17 -2.17 8.49	72.27 -2.59 12.28	94.98 -2.61 2.04	75.69 -2.23 1.32	69.28 -2.10 0.00	54.23 -1.83 0.00	51.27 -1.86 0.00	43.06 -1.38 0.00	40.47 -1.30 0.00
S SALMON___HYD 24043	37.60 -0.50 0.00	34.71 -0.48 0.00	33.03 -0.48 0.00	34.73 -0.52 0.00	36.24 -0.59 0.00	49.17 -0.83 0.00	58.51 -0.90 0.00	68.24 -0.97 0.00	37.95 -0.48 0.00	53.80 -0.48 0.00	65.01 -0.66 0.00	60.92 -0.64 0.00	58.44 -0.68 0.00	49.34 -0.66 0.00	59.43 -0.99 0.00	75.51 -1.32 0.00	85.69 -1.46 0.00	98.29 -1.33 0.00	78.11 -1.13 0.00	70.24 -1.14 0.00	55.11 -0.94 0.00	52.16 -0.98 0.00	43.68 -0.76 0.00	43.67 -0.65 -2.56
S.PERRY__115KV_TB1 80734	39.37 1.27 0.00	36.01 0.82 0.00	34.04 0.53 0.00	35.80 0.55 0.00	37.38 0.55 0.00	50.58 0.59 0.00	60.19 0.77 0.00	69.87 0.65 0.00	38.66 0.23 0.00	54.99 0.72 0.00	65.66 -0.01 0.00	55.32 -0.74 5.50	54.77 -1.20 3.16	46.10 -1.55 2.36	46.45 -2.96 11.01	45.44 -4.47 26.91	41.65 -4.82 40.67	87.85 -4.90 6.88	71.15 -3.69 4.40	67.82 -3.56 0.00	53.05 -3.00 0.00	51.44 -1.70 0.00	43.59 -0.84 0.00	40.81 -0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.82 -0.28 0.00	34.61 -0.58 0.00	32.72 -0.79 0.00	34.40 -0.84 0.00	35.79 -1.04 0.00	48.08 -1.91 0.00	56.52 -2.89 0.00	65.19 -4.02 0.00	36.17 -2.26 0.00	51.72 -2.56 0.00	61.80 -3.87 0.00	54.27 -4.18 3.11	53.84 -4.22 1.06	45.05 -3.62 1.34	49.51 -4.68 6.23	55.61 -6.21 15.01	57.87 -7.47 21.80	87.77 -8.22 3.63	70.37 -6.54 2.33	65.39 -5.99 0.00	51.23 -4.82 0.00	48.51 -4.62 0.00	40.97 -3.47 0.00	38.64 -3.13 0.00

SAWYER___23_KV_LOAD 55526	37.82 -0.28 0.00	34.61 -0.58 0.00	32.72 -0.79 0.00	34.40 -0.84 0.00	35.79 -1.04 0.00	48.08 -1.91 0.00	56.52 -2.89 0.00	65.19 -4.02 0.00	36.17 -2.26 0.00	51.72 -2.56 0.00	61.80 -3.87 0.00	54.27 -4.18 3.11	53.84 -4.22 1.06	45.05 -3.62 1.34	49.51 -4.68 6.23	55.61 -6.21 15.01	57.87 -7.47 21.80	87.77 -8.22 3.63	70.37 -6.54 2.33	65.39 -5.99 0.00	51.23 -4.82 0.00	48.51 -4.62 0.00	40.97 -3.47 0.00	38.64 -3.13 0.00
SELKIRK___I 23801	38.41 0.31 0.00	35.59 0.39 0.00	33.95 0.44 0.00	35.80 0.55 0.00	37.41 0.57 0.00	50.65 0.66 0.00	60.01 0.59 0.00	69.70 0.49 0.00	38.57 0.14 0.00	54.35 0.07 0.00	65.84 0.17 0.00	61.86 0.29 0.00	59.52 0.39 0.00	50.46 0.45 0.00	60.96 0.54 0.00	77.62 0.80 0.00	88.12 0.97 0.00	100.49 0.87 0.00	79.83 0.59 0.00	71.90 0.52 0.00	56.52 0.47 0.00	53.72 0.58 0.00	45.05 0.62 0.00	42.43 0.66 0.00
SELKIRK___II 23799	38.30 0.20 0.00	35.47 0.28 0.00	33.82 0.31 0.00	35.68 0.43 0.00	37.28 0.44 0.00	50.48 0.49 0.00	59.82 0.41 0.00	69.54 0.33 0.00	38.49 0.06 0.00	54.24 -0.04 0.00	65.72 0.06 0.00	61.77 0.21 0.00	59.44 0.32 0.00	50.40 0.39 0.00	60.87 0.46 0.00	77.47 0.65 0.00	87.95 0.81 0.00	100.36 0.74 0.00	79.71 0.47 0.00	71.80 0.42 0.00	56.42 0.37 0.00	53.62 0.49 0.00	44.97 0.53 0.00	42.34 0.57 0.00
SENECA OSWGO___HYD 24041	37.06 -1.04 0.00	34.24 -0.95 0.00	32.62 -0.90 0.00	34.28 -0.96 0.00	35.81 -1.03 0.00	48.58 -1.41 0.00	57.80 -1.62 0.00	67.32 -1.90 0.00	37.42 -1.01 0.00	52.91 -1.37 0.00	63.87 -1.80 0.00	59.88 -1.68 0.00	57.50 -1.63 0.00	48.64 -1.37 0.00	58.49 -1.93 0.00	74.29 -2.53 0.00	84.27 -2.87 0.00	96.54 -3.08 0.00	76.69 -2.55 0.00	69.02 -2.36 0.00	54.16 -1.89 0.00	51.27 -1.86 0.00	42.94 -1.50 0.00	44.33 -1.36 -3.93
SENECA___115KV_TB3 355854	38.13 0.03 0.00	34.89 -0.31 0.00	32.96 -0.55 0.00	34.66 -0.59 0.00	36.08 -0.76 0.00	48.52 -1.47 0.00	57.18 -2.24 0.00	65.97 -3.24 0.00	36.58 -1.85 0.00	52.25 -2.03 0.00	62.40 -3.26 0.00	54.43 -3.67 3.46	54.25 -3.72 1.16	45.23 -3.29 1.49	49.25 -4.24 6.93	54.51 -5.60 16.71	56.20 -6.64 24.30	88.38 -7.19 4.05	71.00 -5.64 2.60	66.12 -5.27 0.00	51.74 -4.31 0.00	48.99 -4.14 0.00	41.40 -3.04 0.00	38.99 -2.78 0.00
SENECA___ENERGY 23797	38.01 -0.09 0.00	35.02 -0.17 0.00	33.30 -0.21 0.00	35.00 -0.25 0.00	36.57 -0.26 0.00	49.59 -0.40 0.00	58.97 -0.45 0.00	68.51 -0.70 0.00	38.06 -0.36 0.00	54.03 -0.24 0.00	65.13 -0.53 0.00	61.34 -0.74 -0.51	58.58 -0.91 -0.37	49.55 -0.86 -0.22	60.59 -0.86 -1.03	78.35 -1.19 -2.72	90.98 -1.30 -5.14	99.31 -1.25 -0.93	78.70 -1.13 -0.59	70.28 -1.10 0.00	54.98 -1.07 0.00	52.02 -1.12 0.00	43.61 -0.83 0.00	42.18 -1.20 -1.20
SHOEMAKER___GT 23640	39.22 1.12 0.00	36.22 1.03 0.00	34.47 0.96 0.00	36.30 1.05 0.00	38.00 1.16 0.00	51.68 1.68 0.00	61.55 2.13 0.00	71.80 2.59 0.00	39.70 1.27 0.00	56.02 1.75 0.00	67.67 2.01 0.00	63.74 2.17 0.00	61.23 2.11 0.00	51.82 1.82 0.00	62.46 2.05 0.00	79.28 2.45 0.00	90.36 3.22 0.00	103.65 4.02 0.00	82.19 2.96 0.00	74.00 2.61 0.00	58.09 2.03 0.00	55.13 2.00 0.00	46.32 1.88 0.00	43.49 1.73 0.00
SHOEMAKR_138KV_BK 111 55601	39.20 1.10 0.00	36.20 1.01 0.00	34.44 0.93 0.00	36.28 1.03 0.00	37.97 1.14 0.00	51.64 1.64 0.00	61.50 2.09 0.00	71.76 2.55 0.00	39.69 1.26 0.00	56.02 1.74 0.00	67.67 2.00 0.00	63.70 2.14 0.00	61.19 2.07 0.00	51.79 1.78 0.00	62.45 2.03 0.00	79.23 2.41 0.00	90.28 3.14 0.00	103.56 3.94 0.00	82.13 2.90 0.00	73.94 2.56 0.00	58.05 2.00 0.00	55.10 1.96 0.00	46.30 1.87 0.00	43.47 1.71 0.00
SHOREHAM_IC_1 23715	39.61 1.51 0.00	36.60 1.41 0.00	34.83 1.32 0.00	36.64 1.39 0.00	38.25 1.42 0.00	52.70 2.22 -0.49	65.52 2.59 -3.52	84.36 3.37 -11.78	45.18 1.67 -5.07	63.48 1.82 -7.38	70.79 2.40 -2.72	70.12 2.68 -5.87	70.00 2.77 -8.10	69.64 2.62 -17.02	250.78 3.25 -187.11	283.61 3.83 -202.96	207.77 3.98 -116.65	255.51 5.89 -149.99	172.68 4.60 -88.84	118.17 3.86 -42.92	87.61 3.02 -28.53	66.13 2.99 -10.00	55.55 2.96 -8.15	84.51 2.36 -40.38
SHOREHAM_IC_2 23716	39.61 1.51 0.00	36.60 1.41 0.00	34.83 1.33 0.00	36.64 1.39 0.00	38.25 1.42 0.00	52.70 2.22 -0.49	65.53 2.59 -3.52	84.36 3.37 -11.78	45.18 1.67 -5.07	63.47 1.82 -7.38	70.79 2.40 -2.72	70.10 2.67 -5.87	69.97 2.75 -8.10	69.61 2.59 -17.02	250.74 3.22 -187.11	283.60 3.82 -202.96	207.76 3.97 -116.65	255.50 5.89 -149.99	172.67 4.59 -88.84	118.17 3.86 -42.92	87.59 3.01 -28.53	66.13 2.99 -10.00	55.54 2.95 -8.15	84.51 2.37 -40.38
SISSONVILLE____ 23735	39.49 1.38 0.00	36.34 1.15 0.00	34.56 1.05 0.00	36.29 1.04 0.00	37.90 1.06 0.00	51.47 1.48 0.00	61.20 1.78 0.00	71.50 2.28 0.00	39.83 1.40 0.00	56.31 2.04 0.00	68.29 2.63 0.00	63.81 2.25 0.00	61.16 2.04 0.00	51.69 1.69 0.00	62.25 1.83 0.00	78.68 1.86 0.00	88.44 1.30 0.00	101.09 1.47 0.00	80.67 1.44 0.00	73.00 1.62 0.00	57.84 1.79 0.00	54.79 1.66 0.00	45.54 1.11 0.00	42.69 0.92 0.00
SITHE_IND_GS1 24169	36.70 -1.40 0.00	33.92 -1.27 0.00	32.32 -1.20 0.00	33.96 -1.28 0.00	35.47 -1.37 0.00	48.10 -1.89 0.00	57.15 -2.27 0.00	66.54 -2.67 0.00	36.98 -1.44 0.00	52.27 -2.01 0.00	63.09 -2.57 0.00	59.14 -2.43 0.00	56.76 -2.36 0.00	48.04 -1.97 0.00	57.97 -2.45 0.00	73.67 -3.16 0.00	83.56 -3.58 0.00	95.65 -3.98 0.00	75.99 -3.25 0.00	68.44 -2.94 0.00	53.70 -2.36 0.00	50.88 -2.26 0.00	42.62 -1.81 0.00	26.45 -1.62 13.70
SITHE_IND_GS2 24170	36.70 -1.40 0.00	33.92 -1.27 0.00	32.32 -1.20 0.00	33.96 -1.28 0.00	35.47 -1.37 0.00	48.10 -1.89 0.00	57.15 -2.27 0.00	66.54 -2.67 0.00	36.98 -1.44 0.00	52.27 -2.01 0.00	63.09 -2.57 0.00	59.14 -2.43 0.00	56.76 -2.36 0.00	48.04 -1.97 0.00	57.97 -2.45 0.00	73.67 -3.16 0.00	83.56 -3.58 0.00	95.65 -3.98 0.00	75.99 -3.25 0.00	68.44 -2.94 0.00	53.70 -2.36 0.00	50.88 -2.26 0.00	42.62 -1.81 0.00	26.45 -1.62 13.70
SITHE_IND_GS3 24171	36.70 -1.40 0.00	33.92 -1.27 0.00	32.32 -1.20 0.00	33.96 -1.28 0.00	35.47 -1.37 0.00	48.10 -1.89 0.00	57.15 -2.27 0.00	66.54 -2.67 0.00	36.98 -1.44 0.00	52.27 -2.01 0.00	63.09 -2.57 0.00	59.14 -2.43 0.00	56.76 -2.36 0.00	48.04 -1.97 0.00	57.97 -2.45 0.00	73.67 -3.16 0.00	81.06 -3.58 2.51	95.65 -3.98 0.00	74.86 -3.25 1.13	68.44 -2.94 0.00	53.70 -2.36 0.00	50.88 -2.26 0.00	42.62 -1.81 0.00	26.45 -1.62 13.70
SITHE_IND_GS4 24172	36.70 -1.40 0.00	33.92 -1.27 0.00	32.32 -1.20 0.00	33.96 -1.28 0.00	35.47 -1.37 0.00	48.10 -1.89 0.00	57.15 -2.27 0.00	66.54 -2.67 0.00	36.98 -1.44 0.00	52.27 -2.01 0.00	63.09 -2.57 0.00	59.14 -2.43 0.00	56.76 -2.36 0.00	48.04 -1.97 0.00	57.97 -2.45 0.00	73.67 -3.16 0.00	81.06 -3.58 2.51	95.65 -3.98 0.00	74.86 -3.25 1.13	68.44 -2.94 0.00	53.70 -2.36 0.00	50.88 -2.26 0.00	42.62 -1.81 0.00	26.45 -1.62 13.70

SITHE___BATAVIA 24024	39.01 0.91 0.00	35.73 0.54 0.00	33.81 0.29 0.00	35.55 0.30 0.00	37.05 0.21 0.00	49.80 -0.19 0.00	58.60 -0.81 0.00	67.89 -1.33 0.00	37.79 -0.64 0.00	53.97 -0.31 0.00	64.53 -1.13 0.00	57.52 -1.57 2.47	56.59 -1.68 0.85	47.40 -1.54 1.06	53.36 -2.11 4.95	62.00 -2.86 11.96	66.36 -3.41 17.36	93.17 -3.57 2.89	74.40 -2.98 1.86	68.51 -2.87 0.00	53.54 -2.51 0.00	50.63 -2.51 0.00	42.64 -1.79 0.00	40.18 -1.59 0.00
SITHE___INDEPEND 23800	36.70 -1.40 0.00	33.92 -1.27 0.00	32.32 -1.20 0.00	33.96 -1.29 0.00	35.47 -1.37 0.00	48.10 -1.89 0.00	57.14 -2.28 0.00	66.54 -2.67 0.00	36.98 -1.45 0.00	52.27 -2.01 0.00	63.09 -2.57 0.00	59.13 -2.43 0.00	56.76 -2.36 0.00	48.05 -1.96 0.00	57.98 -2.44 0.00	73.67 -3.15 0.00	83.57 -3.57 0.00	95.65 -3.98 0.00	76.00 -3.24 0.00	68.44 -2.94 0.00	53.70 -2.35 0.00	50.88 -2.25 0.00	42.62 -1.81 0.00	26.45 -1.62 13.70
SITHE___MASSENA 23902	39.28 1.18 0.00	36.17 0.98 0.00	34.41 0.90 0.00	36.13 0.89 0.00	37.73 0.89 0.00	51.21 1.21 0.00	60.82 1.40 0.00	70.98 1.77 0.00	39.51 1.09 0.00	55.83 1.55 0.00	67.65 1.99 0.00	63.23 1.67 0.00	60.66 1.53 0.00	51.28 1.27 0.00	61.96 1.55 0.00	78.74 1.91 0.00	88.97 1.83 0.00	101.77 2.15 0.00	81.18 1.94 0.00	73.21 1.83 0.00	57.60 1.55 0.00	54.51 1.37 0.00	45.35 0.91 0.00	42.54 0.78 0.00
SITHE___OGDNSBRG 24021	40.13 2.03 0.00	36.92 1.73 0.00	35.12 1.61 0.00	36.85 1.61 0.00	38.49 1.66 0.00	52.32 2.33 0.00	62.19 2.77 0.00	72.69 3.48 0.00	40.48 2.06 0.00	57.23 2.95 0.00	69.34 3.67 0.00	64.77 3.21 0.00	62.06 2.93 0.00	52.49 2.48 0.00	63.00 2.58 0.00	80.05 3.23 0.00	90.49 3.35 0.00	103.51 3.88 0.00	82.61 3.38 0.00	74.62 3.24 0.00	58.82 2.77 0.00	55.67 2.53 0.00	46.23 1.80 0.00	43.31 1.55 0.00
SITHE___STERLING 23777	39.06 0.96 0.00	36.14 0.95 0.00	34.42 0.91 0.00	36.21 0.96 0.00	37.89 1.06 0.00	51.58 1.59 0.00	61.48 2.06 0.00	71.72 2.50 0.00	39.81 1.38 0.00	56.32 2.05 0.00	67.93 2.27 0.00	63.62 2.06 0.00	61.09 1.96 0.00	51.69 1.69 0.00	62.27 1.85 0.00	79.21 2.39 0.00	90.16 3.02 0.00	102.99 3.36 0.00	81.76 2.52 0.00	73.53 2.15 0.00	57.65 1.59 0.00	54.50 1.37 0.00	45.60 1.16 0.00	42.80 1.04 0.00
SLEIGHT__34_KV_TB1 80719	37.77 -0.33 0.00	34.77 -0.42 0.00	33.02 -0.49 0.00	34.71 -0.54 0.00	36.25 -0.58 0.00	49.12 -0.87 0.00	58.33 -1.09 0.00	67.78 -1.43 0.00	37.67 -0.75 0.00	53.57 -0.70 0.00	64.46 -1.20 0.00	59.50 -1.48 0.58	57.53 -1.59 0.00	48.46 -1.30 0.25	57.61 -1.64 1.16	72.26 -2.21 2.36	83.68 -2.56 0.90	97.06 -2.56 0.00	77.02 -2.22 0.00	69.26 -2.12 0.00	54.17 -1.88 0.00	51.22 -1.92 0.00	42.95 -1.49 0.00	40.97 -1.41 -0.61
SMITHTWN_69_KV_BK 1 55830	39.69 1.60 0.00	36.63 1.44 0.00	34.87 1.36 0.00	36.67 1.42 0.00	38.27 1.44 0.00	52.45 2.23 -0.23	63.63 2.55 -1.66	77.98 3.22 -5.55	42.51 1.70 -2.39	59.66 1.91 -3.47	69.53 2.59 -1.28	68.87 2.77 -4.53	68.72 2.81 -6.78	68.41 2.56 -15.85	239.82 3.12 -176.28	270.14 3.70 -189.61	196.45 4.22 -105.09	242.37 5.86 -136.88	159.96 4.39 -76.33	110.44 3.66 -35.39	81.17 2.87 -22.25	62.00 2.90 -5.97	52.01 2.92 -4.66	79.25 2.40 -35.07
SOUTH CAIRO___GT 23612	39.42 1.32 0.00	36.51 1.32 0.00	34.82 1.31 0.00	36.73 1.48 0.00	38.39 1.55 0.00	52.02 2.03 0.00	61.73 2.32 0.00	71.83 2.62 0.00	39.68 1.26 0.00	55.93 1.65 0.00	67.89 2.23 0.00	63.79 2.23 0.00	61.33 2.21 0.00	51.90 1.89 0.00	62.78 2.36 0.00	80.39 3.57 0.00	91.36 4.22 0.00	104.62 5.00 0.00	83.03 3.80 0.00	74.59 3.21 0.00	58.50 2.44 0.00	55.43 2.29 0.00	46.34 1.90 0.00	43.51 1.74 0.00
SOUTH HAMPTN___IC 23720	39.46 1.36 0.00	36.46 1.27 0.00	34.69 1.17 0.00	36.49 1.25 0.00	38.14 1.30 0.00	52.73 2.22 -0.52	65.92 2.78 -3.72	85.27 3.59 -12.46	45.45 1.65 -5.37	63.82 1.74 -7.80	70.86 2.32 -2.88	70.14 2.57 -6.01	70.01 2.65 -8.24	69.73 2.60 -17.13	251.80 3.28 -188.10	284.88 3.85 -204.21	209.11 4.16 -117.80	257.03 6.13 -151.28	174.11 4.74 -90.13	119.06 3.97 -43.71	88.31 3.06 -29.20	66.53 2.95 -10.44	55.85 2.89 -8.53	84.94 2.25 -40.93
SOUTHDOWN_115KV_TB1 355954	38.96 0.86 0.00	35.61 0.42 0.00	33.77 0.26 0.00	35.46 0.22 0.00	36.82 -0.01 0.00	49.66 -0.34 0.00	59.21 -0.21 0.00	68.53 -0.69 0.00	37.75 -0.68 0.00	54.03 -0.25 0.00	64.54 -1.12 0.00	56.30 -1.53 3.73	56.03 -1.73 1.37	46.66 -1.74 1.60	50.60 -2.35 7.47	55.82 -3.03 17.98	57.70 -3.40 26.05	91.45 -3.84 4.34	73.51 -2.94 2.78	68.60 -2.79 0.00	53.77 -2.28 0.00	50.80 -2.34 0.00	42.90 -1.54 0.00	40.22 -1.54 0.00
SOUTHOLD_69_KV_BK 2 55809	39.03 0.93 0.00	36.06 0.87 0.00	34.27 0.75 0.00	36.05 0.80 0.00	37.73 0.89 0.00	52.18 1.67 -0.52	65.66 2.53 -3.71	84.99 3.33 -12.45	45.14 1.35 -5.36	63.28 1.21 -7.79	70.19 1.65 -2.87	69.45 1.89 -6.01	69.41 2.05 -8.24	69.26 2.13 -17.13	251.31 2.80 -188.09	284.28 3.26 -204.19	208.49 3.56 -117.78	256.39 5.51 -151.25	173.59 4.24 -90.11	118.56 3.48 -43.70	87.86 2.62 -29.19	66.07 2.51 -10.43	55.40 2.45 -8.52	84.49 1.81 -40.92
SOUTHOLD___IC 23719	39.03 0.93 0.00	36.06 0.87 0.00	34.27 0.76 0.00	36.05 0.81 0.00	37.73 0.89 0.00	52.18 1.67 -0.52	65.66 2.53 -3.71	85.00 3.34 -12.45	45.14 1.35 -5.36	63.29 1.22 -7.79	70.19 1.66 -2.87	69.46 1.89 -6.01	69.42 2.06 -8.24	69.30 2.17 -17.13	251.33 2.82 -188.09	284.29 3.28 -204.19	208.49 3.57 -117.78	256.40 5.52 -151.25	173.60 4.25 -90.11	118.57 3.48 -43.70	87.88 2.64 -29.19	66.07 2.51 -10.43	55.40 2.44 -8.52	84.49 1.81 -40.92
SOUTH_FORK_WT_PWR 323839	38.38 0.28 0.00	35.48 0.29 0.00	33.69 0.18 0.00	35.44 0.19 0.00	37.11 0.27 0.00	51.42 0.91 -0.52	64.96 1.83 -3.72	84.19 2.52 -12.45	44.54 0.74 -5.36	62.40 0.33 -7.80	69.06 0.52 -2.88	68.45 0.88 -6.01	68.42 1.06 -8.24	68.47 1.34 -17.13	250.38 1.87 -188.10	283.07 2.04 -204.20	207.09 2.16 -117.79	254.86 3.97 -151.27	172.37 3.01 -90.12	117.44 2.35 -43.71	86.99 1.74 -29.19	65.20 1.63 -10.44	54.68 1.72 -8.53	83.79 1.10 -40.92
SPIERFLS_115KV_TB 1 80737	39.08 0.98 0.00	36.10 0.91 0.00	34.51 0.99 0.00	36.46 1.21 0.00	38.31 1.47 0.00	52.05 2.06 0.00	61.97 2.55 0.00	71.63 2.42 0.00	39.75 1.33 0.00	56.04 1.77 0.00	68.15 2.49 0.00	64.34 2.77 0.00	61.94 2.82 0.00	52.26 2.25 0.00	63.13 2.71 0.00	80.39 3.57 0.00	91.16 4.02 0.00	103.88 4.26 0.00	82.44 3.20 0.00	74.37 2.98 0.00	58.10 2.04 0.00	55.17 2.04 0.00	46.29 1.86 0.00	43.41 1.64 0.00
ST LAWRENCE____ 23600	38.58 0.48 0.00	35.54 0.35 0.00	33.82 0.31 0.00	35.53 0.28 0.00	37.09 0.25 0.00	50.33 0.34 0.00	59.80 0.38 0.00	69.75 0.54 0.00	38.82 0.39 0.00	54.84 0.56 0.00	66.44 0.78 0.00	62.13 0.57 0.00	59.61 0.48 0.00	50.40 0.40 0.00	60.98 0.56 0.00	77.52 0.70 0.00	87.70 0.56 0.00	100.33 0.70 0.00	80.00 0.76 0.00	72.11 0.73 0.00	56.67 0.62 0.00	53.62 0.49 0.00	44.64 0.20 0.00	41.89 0.13 0.00

STATE_CA_115KV_115_LB 55624	38.34 0.24 0.00	35.53 0.34 0.00	33.90 0.40 0.00	35.78 0.53 0.00	37.36 0.53 0.00	50.52 0.52 0.00	59.77 0.36 0.00	69.42 0.21 0.00	38.42 0.00 0.00	54.17 -0.11 0.00	65.68 0.02 0.00	61.78 0.22 0.00	59.48 0.36 0.00	50.46 0.45 0.00	60.96 0.54 0.00	77.64 0.81 0.00	88.17 1.02 0.00	100.55 0.92 0.00	79.87 0.63 0.00	71.92 0.54 0.00	56.48 0.43 0.00	53.68 0.54 0.00	45.01 0.58 0.00	42.40 0.63 0.00
STATE_ST_34_KV_LOAD 55959	38.18 0.08 0.00	35.22 0.03 0.00	33.52 0.01 0.00	35.27 0.03 0.00	36.87 0.03 0.00	50.04 0.05 0.00	59.57 0.15 0.00	69.03 -0.18 0.00	38.33 -0.10 0.00	54.44 0.16 0.00	65.66 0.00 0.00	62.68 -0.14 -1.25	59.44 -0.42 -0.73	50.33 -0.22 -0.54	62.68 -0.25 -2.51	82.84 -0.39 -6.41	97.94 -0.33 -11.13	101.38 -0.21 -1.97	80.26 -0.23 -1.26	71.13 -0.25 0.00	55.56 -0.49 0.00	52.67 -0.46 0.00	44.17 -0.26 0.00	42.79 -0.26 -1.29
STATION_5_MISC_HYD 23604	38.27 0.17 0.00	35.14 -0.05 0.00	33.33 -0.18 0.00	35.02 -0.23 0.00	36.54 -0.30 0.00	49.34 -0.66 0.00	58.40 -1.01 0.00	67.80 -1.41 0.00	37.70 -0.73 0.00	53.68 -0.60 0.00	64.46 -1.20 0.00	58.29 -1.52 1.76	56.89 -1.58 0.66	47.88 -1.37 0.75	55.01 -1.89 3.51	65.73 -2.60 8.50	71.75 -3.09 12.29	94.38 -3.20 2.04	75.22 -2.70 1.32	68.87 -2.51 0.00	53.92 -2.14 0.00	50.99 -2.14 0.00	42.84 -1.59 0.00	40.29 -1.47 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.02 -0.08 0.00	34.99 -0.20 0.00	33.24 -0.27 0.00	34.94 -0.30 0.00	36.49 -0.34 0.00	49.42 -0.57 0.00	58.68 -0.74 0.00	68.16 -1.06 0.00	37.90 -0.53 0.00	53.86 -0.42 0.00	64.76 -0.90 0.00	59.55 -1.13 0.89	57.61 -1.23 0.28	48.61 -1.01 0.38	57.31 -1.33 1.78	70.74 -1.83 4.25	79.17 -2.14 5.83	96.53 -2.15 0.95	76.76 -1.86 0.62	69.60 -1.78 0.00	54.49 -1.56 0.00	51.51 -1.62 0.00	43.19 -1.25 0.00	41.24 -1.17 -0.65
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.90 -0.20 0.00	34.83 -0.36 0.00	33.04 -0.47 0.00	34.73 -0.52 0.00	36.23 -0.61 0.00	48.95 -1.04 0.00	57.95 -1.47 0.00	67.27 -1.95 0.00	37.40 -1.02 0.00	53.25 -1.03 0.00	63.96 -1.70 0.00	58.05 -1.96 1.56	56.55 -2.00 0.57	47.61 -1.72 0.67	55.03 -2.27 3.12	66.17 -3.11 7.54	72.64 -3.65 10.85	93.97 -3.86 1.80	74.86 -3.22 1.16	68.41 -2.97 0.00	53.57 -2.48 0.00	50.67 -2.46 0.00	42.56 -1.88 0.00	40.02 -1.75 0.00
STA_56___34_KV_BUS2 355983	37.90 -0.20 0.00	34.83 -0.36 0.00	33.04 -0.47 0.00	34.73 -0.52 0.00	36.23 -0.61 0.00	48.95 -1.04 0.00	57.95 -1.47 0.00	67.27 -1.95 0.00	37.40 -1.02 0.00	53.25 -1.03 0.00	63.96 -1.70 0.00	58.05 -1.96 1.56	56.55 -2.00 0.57	47.61 -1.72 0.67	55.03 -2.27 3.12	66.17 -3.11 7.54	72.64 -3.65 10.85	93.97 -3.86 1.80	74.86 -3.22 1.16	68.41 -2.97 0.00	53.57 -2.48 0.00	50.67 -2.46 0.00	42.56 -1.88 0.00	40.02 -1.75 0.00
STA_67___115KV_BK2 355882	38.20 0.10 0.00	35.08 -0.11 0.00	33.26 -0.25 0.00	34.96 -0.28 0.00	36.47 -0.37 0.00	49.25 -0.74 0.00	58.28 -1.14 0.00	67.65 -1.57 0.00	37.61 -0.81 0.00	53.57 -0.70 0.00	64.31 -1.36 0.00	58.15 -1.66 1.75	56.75 -1.72 0.66	47.78 -1.47 0.75	54.90 -2.01 3.51	65.55 -2.78 8.49	71.55 -3.30 12.29	94.16 -3.43 2.04	75.04 -2.88 1.32	68.70 -2.69 0.00	53.80 -2.25 0.00	50.88 -2.25 0.00	42.76 -1.68 0.00	40.21 -1.56 0.00
STA_7___115KV_9TRANS 80674	38.42 0.32 0.00	35.28 0.09 0.00	33.45 -0.07 0.00	35.15 -0.09 0.00	36.67 -0.17 0.00	49.54 -0.45 0.00	58.67 -0.75 0.00	68.12 -1.09 0.00	37.89 -0.54 0.00	53.99 -0.29 0.00	64.81 -0.86 0.00	58.62 -1.19 1.75	57.20 -1.27 0.65	48.16 -1.10 0.75	55.37 -1.53 3.51	66.17 -2.17 8.49	72.27 -2.59 12.28	94.98 -2.61 2.04	75.69 -2.23 1.32	69.28 -2.10 0.00	54.23 -1.83 0.00	51.27 -1.86 0.00	43.06 -1.38 0.00	40.47 -1.30 0.00
STA_82___115KV_TB1 80780	38.17 0.07 0.00	35.06 -0.13 0.00	33.25 -0.27 0.00	34.94 -0.30 0.00	36.45 -0.39 0.00	49.22 -0.77 0.00	58.24 -1.17 0.00	67.59 -1.62 0.00	37.58 -0.84 0.00	53.52 -0.76 0.00	64.24 -1.42 0.00	58.09 -1.71 1.77	56.69 -1.78 0.66	47.73 -1.52 0.76	54.81 -2.07 3.53	65.42 -2.85 8.55	71.39 -3.39 12.36	94.04 -3.53 2.05	74.95 -2.96 1.33	68.62 -2.76 0.00	53.75 -2.31 0.00	50.84 -2.30 0.00	42.72 -1.72 0.00	40.17 -1.60 0.00
STEEL___WIND 323596	38.09 -0.01 0.00	34.85 -0.34 0.00	32.93 -0.59 0.00	34.62 -0.63 0.00	36.01 -0.83 0.00	48.47 -1.53 0.00	57.11 -2.31 0.00	65.91 -3.30 0.00	36.55 -1.88 0.00	52.18 -2.09 0.00	62.29 -3.37 0.00	54.35 -3.75 3.46	54.16 -3.80 1.16	45.17 -3.35 1.49	49.21 -4.29 6.93	54.42 -5.69 16.71	56.11 -6.73 24.30	88.29 -7.29 4.05	70.91 -5.72 2.60	66.01 -5.37 0.00	51.68 -4.37 0.00	48.93 -4.21 0.00	41.35 -3.08 0.00	38.95 -2.82 0.00
STEPHTWN_115KV_BK_2 55603	38.59 0.50 0.00	35.74 0.55 0.00	34.07 0.56 0.00	35.94 0.69 0.00	37.56 0.73 0.00	50.86 0.87 0.00	60.42 1.00 0.00	70.16 0.95 0.00	38.82 0.39 0.00	54.73 0.45 0.00	66.39 0.73 0.00	62.42 0.85 0.00	60.03 0.91 0.00	50.82 0.82 0.00	61.57 1.16 0.00	78.41 1.58 0.00	89.31 2.16 0.00	101.67 2.04 0.00	80.69 1.45 0.00	72.67 1.29 0.00	57.02 0.96 0.00	54.17 1.04 0.00	45.47 1.03 0.00	42.75 0.98 0.00
STEBEN_REC_LFGE 323667	38.28 0.18 0.00	34.73 -0.46 0.00	32.71 -0.80 0.00	34.36 -0.89 0.00	36.01 -0.83 0.00	48.98 -1.01 0.00	58.35 -1.07 0.00	67.44 -1.78 0.00	36.81 -1.62 0.00	52.33 -1.95 0.00	61.87 -3.79 0.00	45.45 -4.60 11.50	48.04 -4.76 6.32	40.51 -4.55 4.94	31.82 -5.58 23.01	13.16 -6.82 56.85	-9.09 -7.40 88.84	76.59 -7.84 15.20	63.86 -5.66 9.71	65.75 -5.63 0.00	51.15 -4.90 0.00	48.75 -4.38 0.00	41.48 -2.96 0.00	38.66 -3.11 0.00
STILLWATER___SOLAR 323814	39.03 0.94 0.00	36.10 0.91 0.00	34.46 0.95 0.00	36.39 1.14 0.00	38.15 1.31 0.00	51.87 1.88 0.00	61.73 2.31 0.00	71.45 2.24 0.00	39.60 1.17 0.00	55.79 1.52 0.00	67.69 2.03 0.00	63.69 2.13 0.00	61.32 2.19 0.00	51.92 1.92 0.00	62.73 2.32 0.00	79.92 3.10 0.00	90.71 3.57 0.00	103.46 3.84 0.00	82.20 2.96 0.00	74.00 2.62 0.00	57.93 1.87 0.00	55.01 1.88 0.00	46.12 1.68 0.00	43.37 1.60 0.00
STONY___BROOK 24151	39.57 1.48 0.00	36.53 1.34 0.00	34.77 1.26 0.00	36.57 1.32 0.00	38.17 1.33 0.00	52.44 2.08 -0.37	64.48 2.38 -2.69	81.22 3.01 -9.00	43.87 1.56 -3.88	61.63 1.72 -5.63	70.09 2.35 -2.08	69.41 2.57 -5.28	69.30 2.66 -7.52	68.98 2.46 -16.51	245.82 2.95 -182.46	277.46 3.45 -197.19	202.63 3.90 -111.59	249.42 5.52 -144.27	166.67 4.11 -83.32	114.40 3.43 -39.59	84.50 2.70 -25.75	64.08 2.74 -8.21	53.87 2.84 -6.59	82.15 2.34 -38.05
STURGEON_POOL_HYD 23609	39.33 1.23 0.00	36.33 1.14 0.00	34.55 1.04 0.00	36.40 1.15 0.00	38.10 1.26 0.00	51.86 1.87 0.00	61.81 2.39 0.00	72.16 2.95 0.00	39.93 1.51 0.00	56.40 2.13 0.00	68.10 2.44 0.00	64.10 2.54 0.00	61.63 2.51 0.00	52.19 2.19 0.00	63.06 2.64 0.00	79.86 3.04 0.00	90.91 3.77 0.00	104.30 4.68 0.00	82.72 3.48 0.00	74.42 3.04 0.00	58.44 2.39 0.00	55.45 2.31 0.00	46.59 2.15 0.00	43.72 1.96 0.00

ST_LAW_115_BK7_LBMP 345037	38.63 0.53 0.00	35.59 0.40 0.00	33.86 0.35 0.00	35.57 0.32 0.00	37.13 0.29 0.00	50.39 0.40 0.00	59.87 0.45 0.00	69.83 0.61 0.00	38.87 0.44 0.00	54.91 0.63 0.00	66.55 0.88 0.00	62.23 0.66 0.00	59.68 0.56 0.00	50.47 0.47 0.00	61.05 0.64 0.00	77.61 0.79 0.00	87.76 0.62 0.00	100.41 0.79 0.00	80.08 0.85 0.00	72.20 0.82 0.00	56.74 0.69 0.00	53.71 0.58 0.00	44.68 0.25 0.00	41.92 0.16 0.00
ST_LAW_115_BK8_LBMP 345038	38.63 0.53 0.00	35.59 0.40 0.00	33.86 0.35 0.00	35.57 0.32 0.00	37.13 0.29 0.00	50.39 0.40 0.00	59.87 0.45 0.00	69.83 0.61 0.00	38.87 0.44 0.00	54.91 0.63 0.00	66.55 0.88 0.00	62.23 0.66 0.00	59.68 0.56 0.00	50.47 0.47 0.00	61.05 0.64 0.00	77.61 0.79 0.00	87.76 0.62 0.00	100.41 0.79 0.00	80.08 0.85 0.00	72.20 0.82 0.00	56.74 0.69 0.00	53.71 0.58 0.00	44.68 0.25 0.00	41.92 0.16 0.00
ST_LAW_230_BK5_LBMP 345035	38.58 0.48 0.00	35.54 0.35 0.00	33.82 0.31 0.00	35.53 0.28 0.00	37.09 0.25 0.00	50.33 0.34 0.00	59.80 0.38 0.00	69.75 0.54 0.00	38.82 0.39 0.00	54.84 0.56 0.00	66.44 0.78 0.00	62.13 0.57 0.00	59.61 0.48 0.00	50.40 0.40 0.00	60.98 0.56 0.00	77.52 0.70 0.00	87.70 0.56 0.00	100.33 0.70 0.00	80.00 0.76 0.00	72.11 0.73 0.00	56.67 0.62 0.00	53.62 0.49 0.00	44.64 0.20 0.00	41.89 0.13 0.00
ST_LAW_230_BK6_LBMP 345036	38.58 0.48 0.00	35.54 0.35 0.00	33.82 0.31 0.00	35.53 0.28 0.00	37.09 0.25 0.00	50.33 0.34 0.00	59.80 0.38 0.00	69.75 0.54 0.00	38.82 0.39 0.00	54.84 0.56 0.00	66.44 0.78 0.00	62.13 0.57 0.00	59.61 0.48 0.00	50.40 0.40 0.00	60.98 0.56 0.00	77.52 0.70 0.00	87.70 0.56 0.00	100.33 0.70 0.00	80.00 0.76 0.00	72.11 0.73 0.00	56.67 0.62 0.00	53.62 0.49 0.00	44.64 0.20 0.00	41.89 0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.25 1.15 0.00	36.25 1.06 0.00	34.49 0.97 0.00	36.34 1.09 0.00	38.04 1.20 0.00	51.75 1.76 0.00	61.66 2.25 0.00	71.97 2.75 0.00	39.81 1.38 0.00	56.23 1.95 0.00	67.94 2.28 0.00	63.90 2.34 0.00	61.37 2.25 0.00	51.94 1.94 0.00	62.67 2.25 0.00	79.44 2.62 0.00	90.53 3.39 0.00	103.90 4.27 0.00	82.36 3.12 0.00	74.14 2.75 0.00	58.20 2.15 0.00	55.23 2.10 0.00	46.46 2.03 0.00	43.63 1.87 0.00
SWANROAD_115KV_TB1 355699	37.58 -0.52 0.00	34.43 -0.76 0.00	32.53 -0.98 0.00	34.22 -1.03 0.00	35.61 -1.23 0.00	47.58 -2.41 0.00	55.43 -3.98 0.00	63.89 -5.33 0.00	35.55 -2.88 0.00	50.89 -3.39 0.00	60.71 -4.95 0.00	53.46 -5.17 2.93	52.96 -5.18 0.99	44.40 -4.35 1.26	49.08 -5.47 5.87	55.65 -7.01 14.16	58.09 -8.47 20.58	86.34 -9.85 3.43	69.07 -7.97 2.20	64.06 -7.32 0.00	50.18 -5.87 0.00	47.61 -5.53 0.00	40.28 -4.16 0.00	38.14 -3.62 0.00
SYNERGY___BIOGAS 323694	39.01 0.91 0.00	35.73 0.54 0.00	33.81 0.30 0.00	35.55 0.30 0.00	37.04 0.21 0.00	49.80 -0.19 0.00	58.59 -0.82 0.00	67.88 -1.33 0.00	37.80 -0.63 0.00	53.99 -0.29 0.00	64.53 -1.13 0.00	57.54 -1.54 2.47	56.60 -1.68 0.85	47.44 -1.50 1.06	53.40 -2.06 4.95	62.08 -2.78 11.96	66.40 -3.38 17.36	93.19 -3.54 2.89	74.41 -2.96 1.86	68.51 -2.88 0.00	53.55 -2.50 0.00	50.63 -2.50 0.00	42.64 -1.79 0.00	40.17 -1.59 0.00
SYRACUSE___ENERGY_ST1 323597	37.69 -0.41 0.00	34.81 -0.38 0.00	33.15 -0.36 0.00	34.85 -0.40 0.00	36.42 -0.42 0.00	49.43 -0.56 0.00	58.81 -0.61 0.00	68.47 -0.74 0.00	38.04 -0.39 0.00	53.84 -0.43 0.00	64.97 -0.70 0.00	60.85 -0.71 0.00	58.65 -0.74 -0.26	49.41 -0.60 0.00	59.64 -0.78 0.00	76.27 -1.03 -0.48	89.26 -1.11 -3.23	99.24 -1.08 -0.69	78.72 -0.96 -0.44	70.48 -0.91 0.00	55.24 -0.81 0.00	52.29 -0.84 0.00	43.80 -0.64 0.00	42.81 -0.58 -1.62
SYRACUSE___ENERGY_ST2 323598	37.69 -0.41 0.00	34.81 -0.38 0.00	33.15 -0.36 0.00	34.85 -0.40 0.00	36.42 -0.42 0.00	49.43 -0.56 0.00	58.81 -0.61 0.00	68.47 -0.74 0.00	38.04 -0.39 0.00	53.84 -0.43 0.00	64.97 -0.70 0.00	60.85 -0.71 0.00	58.65 -0.74 -0.26	49.41 -0.60 0.00	59.64 -0.78 0.00	76.27 -1.03 -0.48	89.26 -1.11 -3.23	99.24 -1.08 -0.69	78.72 -0.96 -0.44	70.48 -0.91 0.00	55.24 -0.81 0.00	52.29 -0.84 0.00	43.80 -0.64 0.00	42.81 -0.58 -1.62
SYRACUSE___POWER 24017	37.71 -0.39 0.00	34.83 -0.36 0.00	33.17 -0.34 0.00	34.86 -0.39 0.00	36.43 -0.40 0.00	49.46 -0.54 0.00	58.84 -0.57 0.00	68.58 -0.64 0.00	38.09 -0.34 0.00	53.90 -0.37 0.00	65.02 -0.64 0.00	61.60 -0.66 -0.69	58.86 -0.65 -0.38	49.76 -0.54 -0.30	61.09 -0.72 -1.39	79.41 -0.94 -3.53	92.20 -0.93 -5.99	99.83 -0.85 -1.05	79.11 -0.80 -0.67	70.61 -0.77 0.00	55.36 -0.69 0.00	52.39 -0.74 0.00	43.85 -0.59 0.00	41.75 -0.54 -0.52
TALLMAN__138KV_BK151 55660	39.32 1.23 0.00	36.31 1.12 0.00	34.54 1.03 0.00	36.39 1.15 0.00	38.11 1.27 0.00	51.86 1.86 0.00	61.83 2.41 0.00	72.19 2.97 0.00	39.93 1.51 0.00	56.41 2.14 0.00	68.15 2.49 0.00	64.09 2.52 0.00	61.55 2.42 0.00	52.06 2.06 0.00	62.83 2.41 0.00	79.60 2.77 0.00	90.72 3.59 0.00	104.21 4.58 0.00	82.57 3.34 0.00	74.31 2.93 0.00	58.33 2.28 0.00	55.37 2.23 0.00	46.62 2.19 0.00	43.79 2.03 0.00
TEALLAVE_115KV_TB7 355573	37.46 -0.64 0.00	34.60 -0.59 0.00	32.95 -0.56 0.00	34.64 -0.61 0.00	36.19 -0.64 0.00	49.11 -0.88 0.00	58.40 -1.01 0.00	68.05 -1.16 0.00	37.81 -0.62 0.00	53.51 -0.77 0.00	64.55 -1.11 0.00	60.47 -1.09 0.00	58.07 -1.05 0.00	49.12 -0.88 0.00	59.27 -1.15 0.00	75.31 -1.51 0.00	85.49 -1.65 0.00	97.86 -1.76 0.00	77.73 -1.51 0.00	69.96 -1.42 0.00	54.85 -1.20 0.00	51.94 -1.19 0.00	43.51 -0.92 0.00	41.41 -0.84 -0.49
TELGRAPH_34_KV_EAST 80808	38.26 0.16 0.00	35.04 -0.15 0.00	33.12 -0.39 0.00	34.84 -0.41 0.00	36.28 -0.56 0.00	48.66 -1.34 0.00	57.03 -2.39 0.00	65.88 -3.33 0.00	36.64 -1.79 0.00	52.42 -1.86 0.00	62.58 -3.09 0.00	55.48 -3.39 2.69	54.76 -3.45 0.91	45.91 -2.94 1.16	51.22 -3.81 5.39	58.83 -4.99 13.00	62.19 -6.06 18.89	89.69 -6.79 3.15	71.70 -5.51 2.02	66.24 -5.14 0.00	51.86 -4.19 0.00	49.12 -4.02 0.00	41.47 -2.97 0.00	39.15 -2.62 0.00
TEMPLE___115KV_TB 2 55572	37.47 -0.63 0.00	34.60 -0.59 0.00	32.95 -0.56 0.00	34.64 -0.61 0.00	36.19 -0.64 0.00	49.11 -0.88 0.00	58.41 -1.00 0.00	68.07 -1.14 0.00	37.81 -0.61 0.00	53.52 -0.75 0.00	64.56 -1.10 0.00	60.49 -1.08 0.00	58.09 -1.03 0.00	49.13 -0.87 0.00	59.29 -1.13 0.00	75.34 -1.48 0.00	85.51 -1.63 0.00	97.91 -1.71 0.00	77.77 -1.47 0.00	69.99 -1.40 0.00	54.89 -1.17 0.00	51.96 -1.17 0.00	43.52 -0.92 0.00	41.34 -0.82 -0.40
TIANA____69_KV_BK 1 55817	39.58 1.48 0.00	36.57 1.38 0.00	34.79 1.28 0.00	36.60 1.35 0.00	38.24 1.40 0.00	52.78 2.27 -0.52	65.95 2.82 -3.72	85.27 3.61 -12.45	45.52 1.73 -5.36	63.93 1.86 -7.79	70.99 2.46 -2.87	70.27 2.70 -6.01	70.12 2.76 -8.24	69.79 2.66 -17.13	251.86 3.35 -188.09	285.00 3.98 -204.19	209.21 4.29 -117.79	257.16 6.28 -151.26	174.20 4.85 -90.11	119.16 4.07 -43.70	88.39 3.15 -29.19	66.63 3.06 -10.44	55.94 2.98 -8.52	85.04 2.36 -40.92

TILDEN___115KV_TB1 80814	37.71 -0.39 0.00	34.83 -0.36 0.00	33.17 -0.34 0.00	34.86 -0.39 0.00	36.43 -0.40 0.00	49.46 -0.54 0.00	58.84 -0.57 0.00	68.58 -0.64 0.00	38.09 -0.34 0.00	53.90 -0.37 0.00	65.02 -0.64 0.00	61.60 -0.66 -0.69	58.86 -0.65 -0.38	49.76 -0.54 -0.30	61.09 -0.72 -1.39	79.41 -0.94 -3.53	92.20 -0.93 -5.99	99.83 -0.85 -1.05	79.11 -0.80 -0.67	70.61 -0.77 0.00	55.36 -0.69 0.00	52.39 -0.74 0.00	43.85 -0.59 0.00	41.75 -0.54 -0.52
TRIGEN___CC 323695	39.72 1.62 0.00	36.65 1.46 0.00	34.86 1.35 0.00	36.69 1.44 0.00	38.36 1.52 0.00	52.25 2.26 0.00	62.11 2.70 0.00	72.53 3.32 0.00	40.24 1.81 0.00	56.53 2.25 0.00	68.65 2.98 0.00	70.55 3.12 -5.87	72.01 3.04 -9.84	78.67 2.70 -25.97	355.83 3.48 -291.93	392.29 4.11 -311.36	257.64 4.40 -166.10	324.58 5.61 -219.35	197.54 4.09 -114.21	125.08 3.45 -50.25	87.97 2.73 -29.19	60.04 2.73 -4.17	49.82 2.67 -2.71	97.27 2.28 -53.22
TRINITY___115KV___4 BK 55933	38.15 0.05 0.00	35.36 0.17 0.00	33.75 0.24 0.00	35.62 0.37 0.00	37.20 0.37 0.00	50.31 0.31 0.00	59.53 0.11 0.00	69.13 -0.08 0.00	38.25 -0.18 0.00	53.89 -0.38 0.00	65.35 -0.32 0.00	61.45 -0.11 0.00	59.17 0.05 0.00	50.20 0.19 0.00	60.65 0.23 0.00	77.25 0.42 0.00	87.69 0.55 0.00	99.97 0.35 0.00	79.43 0.19 0.00	71.54 0.16 0.00	56.19 0.14 0.00	53.42 0.29 0.00	44.81 0.37 0.00	42.22 0.45 0.00
UNION___PROCESSING_DRP 323587	38.17 0.07 0.00	35.06 -0.12 0.00	33.25 -0.26 0.00	34.95 -0.30 0.00	36.45 -0.38 0.00	49.23 -0.76 0.00	58.26 -1.16 0.00	67.60 -1.61 0.00	37.58 -0.84 0.00	53.53 -0.75 0.00	64.26 -1.40 0.00	58.11 -1.70 1.76	56.71 -1.76 0.66	47.73 -1.52 0.76	54.86 -2.04 3.52	65.48 -2.84 8.51	71.48 -3.36 12.31	94.07 -3.51 2.04	74.98 -2.94 1.32	68.65 -2.73 0.00	53.75 -2.30 0.00	50.85 -2.28 0.00	42.72 -1.71 0.00	40.18 -1.59 0.00
UPPER HUDSON___HYD 24058	39.08 0.98 0.00	36.10 0.91 0.00	34.51 1.00 0.00	36.46 1.21 0.00	38.31 1.47 0.00	52.05 2.06 0.00	61.97 2.55 0.00	71.63 2.41 0.00	39.75 1.32 0.00	56.05 1.77 0.00	68.15 2.49 0.00	64.33 2.77 0.00	61.94 2.81 0.00	52.26 2.26 0.00	63.13 2.71 0.00	80.38 3.56 0.00	91.16 4.02 0.00	103.87 4.25 0.00	82.44 3.20 0.00	74.37 2.99 0.00	58.10 2.04 0.00	55.17 2.03 0.00	46.30 1.86 0.00	43.41 1.64 0.00
UPPER RAQUET___HYD 24056	39.48 1.39 0.00	36.34 1.15 0.00	34.56 1.05 0.00	36.29 1.04 0.00	37.90 1.06 0.00	51.47 1.48 0.00	61.20 1.78 0.00	71.50 2.28 0.00	39.83 1.40 0.00	56.31 2.04 0.00	68.29 2.63 0.00	63.81 2.25 0.00	61.16 2.04 0.00	51.69 1.69 0.00	62.25 1.84 0.00	78.69 1.87 0.00	88.44 1.30 0.00	101.10 1.48 0.00	80.67 1.43 0.00	73.00 1.62 0.00	57.84 1.79 0.00	54.79 1.66 0.00	45.54 1.11 0.00	42.69 0.92 0.00
VALLEY44_115KV_TB2 355964	38.07 -0.03 0.00	34.94 -0.25 0.00	33.08 -0.43 0.00	34.66 -0.59 0.00	36.13 -0.71 0.00	48.60 -1.39 0.00	57.76 -1.66 0.00	66.80 -2.41 0.00	36.75 -1.68 0.00	52.56 -1.72 0.00	62.77 -2.89 0.00	54.57 -3.08 3.91	54.37 -3.28 1.47	45.28 -3.05 1.68	48.83 -3.77 7.82	52.85 -5.16 18.82	54.34 -5.57 27.23	88.62 -6.48 4.53	71.27 -5.06 2.91	66.89 -4.49 0.00	52.39 -3.66 0.00	49.64 -3.49 0.00	42.11 -2.33 0.00	39.51 -2.25 0.00
VALLEY___115KV_TB 1-4 80826	39.62 1.52 0.00	36.65 1.46 0.00	34.91 1.39 0.00	36.76 1.52 0.00	38.54 1.70 0.00	52.31 2.32 0.00	62.07 2.65 0.00	72.18 2.96 0.00	39.87 1.44 0.00	56.10 1.82 0.00	67.91 2.25 0.00	63.56 2.00 0.00	61.13 2.01 0.00	51.72 1.72 0.00	62.79 2.37 0.00	80.05 3.22 0.00	90.94 3.80 0.00	104.28 4.65 0.00	82.86 3.62 0.00	74.60 3.22 0.00	58.54 2.49 0.00	55.75 2.62 0.00	46.79 2.35 0.00	43.95 2.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.86 1.76 0.00	36.85 1.66 0.00	35.06 1.54 0.00	36.94 1.69 0.00	38.63 1.79 0.00	52.52 2.52 0.00	62.49 3.08 0.00	73.00 3.78 0.00	40.43 2.01 0.00	57.22 2.95 0.00	69.09 3.43 0.00	64.72 3.16 0.00	62.13 3.00 0.00	52.52 2.52 0.00	63.42 3.00 0.00	80.74 3.92 0.00	91.76 4.62 0.00	104.94 5.32 0.00	83.46 4.22 0.00	75.19 3.80 0.00	59.02 2.97 0.00	55.82 2.68 0.00	46.79 2.35 0.00	43.89 2.13 0.00
VISCHER___FERRY HYD 24020	38.39 0.29 0.00	35.55 0.36 0.00	33.94 0.43 0.00	35.85 0.60 0.00	37.54 0.71 0.00	51.04 1.05 0.00	60.67 1.25 0.00	70.20 0.98 0.00	38.85 0.43 0.00	54.70 0.42 0.00	66.36 0.70 0.00	62.42 0.85 0.00	60.14 1.02 0.00	51.02 1.02 0.00	61.61 1.19 0.00	78.54 1.72 0.00	89.14 1.99 0.00	101.61 1.99 0.00	80.74 1.51 0.00	72.71 1.33 0.00	56.93 0.88 0.00	54.18 1.04 0.00	45.43 0.99 0.00	42.80 1.03 0.00
V_A_10_SYNC_DSASP 323832	37.66 -0.44 0.00	34.54 -0.65 0.00	32.70 -0.81 0.00	34.37 -0.87 0.00	35.79 -1.05 0.00	48.14 -1.86 0.00	56.68 -2.74 0.00	65.50 -3.71 0.00	36.35 -2.08 0.00	51.92 -2.36 0.00	62.15 -3.51 0.00	55.48 -3.77 2.31	54.54 -3.79 0.80	45.76 -3.25 0.99	51.58 -4.22 4.61	59.96 -5.66 11.20	64.15 -6.76 16.22	89.51 -7.42 2.70	71.53 -5.97 1.74	65.97 -5.42 0.00	51.69 -4.36 0.00	48.96 -4.17 0.00	41.30 -3.14 0.00	38.93 -2.83 0.00
V_CMM_10_SYNC_DSASP 323787	38.86 0.76 0.00	35.79 0.60 0.00	34.06 0.55 0.00	35.78 0.53 0.00	37.34 0.51 0.00	50.68 0.69 0.00	60.21 0.79 0.00	70.23 1.02 0.00	39.10 0.67 0.00	55.22 0.94 0.00	66.92 1.26 0.00	62.57 1.00 0.00	60.02 0.89 0.00	50.75 0.74 0.00	61.38 0.96 0.00	78.00 1.18 0.00	88.13 0.99 0.00	100.90 1.27 0.00	80.47 1.23 0.00	72.57 1.19 0.00	57.02 0.97 0.00	53.98 0.85 0.00	44.93 0.49 0.00	42.16 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	38.78 0.68 0.00	35.71 0.52 0.00	33.98 0.47 0.00	35.68 0.43 0.00	37.22 0.39 0.00	50.25 0.26 0.00	59.84 0.42 0.00	69.88 0.66 0.00	38.94 0.52 0.00	55.03 0.75 0.00	66.67 1.00 0.00	62.24 0.68 0.00	59.65 0.52 0.00	50.35 0.34 0.00	60.81 0.39 0.00	77.33 0.51 0.00	87.53 0.38 0.00	100.04 0.41 0.00	79.81 0.57 0.00	71.90 0.52 0.00	56.50 0.44 0.00	53.44 0.31 0.00	44.42 -0.02 0.00	41.70 -0.06 0.00
V_D_10_SYNC_DSASP 323841	39.27 1.17 0.00	36.16 0.96 0.00	34.40 0.88 0.00	36.13 0.88 0.00	37.71 0.88 0.00	51.20 1.21 0.00	60.81 1.39 0.00	70.95 1.73 0.00	39.50 1.07 0.00	55.81 1.54 0.00	67.62 1.95 0.00	63.22 1.65 0.00	60.63 1.50 0.00	51.25 1.25 0.00	61.94 1.53 0.00	78.70 1.87 0.00	88.96 1.82 0.00	101.77 2.14 0.00	81.16 1.93 0.00	73.18 1.80 0.00	57.58 1.53 0.00	54.49 1.36 0.00	45.34 0.90 0.00	42.53 0.77 0.00
V_E_10_SYNC_DSASP 323830	39.72 1.62 0.00	36.65 1.46 0.00	34.74 1.23 0.00	36.59 1.34 0.00	38.25 1.42 0.00	52.08 2.09 0.00	62.14 2.73 0.00	72.68 3.47 0.00	40.18 1.76 0.00	56.94 2.66 0.00	68.40 2.73 0.00	67.48 2.20 -3.72	62.87 1.95 -1.80	53.05 1.46 -1.60	69.28 1.43 -7.43	97.73 2.34 -18.56	120.60 3.62 -29.84	109.00 4.23 -5.15	86.21 3.68 -3.29	75.14 3.76 0.00	58.83 2.77 0.00	55.71 2.57 0.00	46.79 2.36 0.00	43.72 1.95 0.00

V_F_30_NSYNC___DSASP 323816	39.11 1.01 0.00	36.16 0.97 0.00	34.52 1.01 0.00	36.43 1.19 0.00	38.19 1.36 0.00	51.94 1.95 0.00	61.81 2.40 0.00	71.57 2.36 0.00	39.67 1.24 0.00	55.90 1.63 0.00	67.81 2.15 0.00	63.78 2.22 0.00	61.41 2.29 0.00	51.98 1.98 0.00	62.83 2.41 0.00	80.03 3.21 0.00	90.83 3.69 0.00	103.63 4.00 0.00	82.31 3.07 0.00	74.11 2.73 0.00	58.01 1.96 0.00	55.10 1.96 0.00	46.18 1.74 0.00	43.42 1.65 0.00
V_F_30_SYNC_DSASP 323786	38.34 0.24 0.00	35.52 0.33 0.00	33.90 0.39 0.00	35.78 0.53 0.00	37.36 0.53 0.00	50.51 0.51 0.00	59.75 0.34 0.00	69.42 0.21 0.00	38.42 -0.01 0.00	54.17 -0.11 0.00	65.68 0.01 0.00	61.76 0.20 0.00	59.46 0.33 0.00	50.45 0.44 0.00	60.96 0.54 0.00	77.63 0.81 0.00	88.15 1.01 0.00	100.51 0.88 0.00	79.86 0.62 0.00	71.89 0.51 0.00	56.47 0.42 0.00	53.67 0.54 0.00	45.01 0.58 0.00	42.39 0.63 0.00
V_XM_10_SYNC_DSASP 323789	38.78 0.68 0.00	35.71 0.52 0.00	33.98 0.47 0.00	35.68 0.43 0.00	37.22 0.39 0.00	50.25 0.26 0.00	59.84 0.42 0.00	69.88 0.66 0.00	38.94 0.52 0.00	55.03 0.75 0.00	66.67 1.00 0.00	62.24 0.68 0.00	59.65 0.52 0.00	50.35 0.34 0.00	60.81 0.39 0.00	77.33 0.51 0.00	87.53 0.38 0.00	100.04 0.41 0.00	79.81 0.57 0.00	71.90 0.52 0.00	56.50 0.44 0.00	53.44 0.31 0.00	44.42 -0.02 0.00	41.70 -0.06 0.00
W.BABYLN_69_KV_BK1 56697	40.21 2.11 0.00	37.08 1.89 0.00	35.28 1.77 0.00	37.11 1.86 0.00	38.75 1.91 0.00	53.00 2.87 -0.14	63.88 3.48 -0.99	76.93 4.41 -3.31	42.26 2.40 -1.42	59.29 2.94 -2.07	70.26 3.83 -0.77	70.02 3.97 -4.48	70.14 3.99 -7.02	70.84 3.53 -17.31	257.84 4.41 -193.00	288.93 5.32 -206.78	205.78 5.96 -112.68	254.87 7.60 -147.64	164.83 5.70 -79.89	112.51 4.90 -36.23	81.98 3.88 -22.05	61.71 3.75 -4.82	51.54 3.51 -3.60	81.75 2.97 -37.02
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.53 1.43 0.00	36.49 1.30 0.00	34.71 1.20 0.00	36.57 1.33 0.00	38.29 1.45 0.00	52.12 2.12 0.00	62.14 2.73 0.00	72.57 3.36 0.00	40.15 1.72 0.00	56.72 2.44 0.00	68.53 2.87 0.00	64.47 2.90 0.00	61.91 2.79 0.00	52.40 2.39 0.00	63.25 2.83 0.00	80.11 3.28 0.00	91.30 4.16 0.00	104.85 5.22 0.00	83.08 3.84 0.00	74.76 3.38 0.00	58.68 2.63 0.00	55.70 2.56 0.00	46.87 2.43 0.00	44.01 2.24 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.80 1.70 0.00	36.72 1.53 0.00	34.92 1.41 0.00	36.77 1.52 0.00	38.47 1.64 0.00	52.30 2.31 0.00	62.34 2.92 0.00	72.90 3.69 0.00	40.39 1.96 0.00	56.97 2.70 0.00	68.76 3.10 0.00	64.78 3.22 0.00	62.25 3.12 0.00	52.79 2.79 0.00	63.72 3.30 0.00	80.57 3.74 0.00	91.70 4.56 0.00	105.32 5.69 0.00	83.39 4.15 0.00	74.95 3.57 0.00	58.85 2.80 0.00	55.96 2.82 0.00	47.08 2.64 0.00	44.17 2.41 0.00
W50THST__13_KV_LOAD 356117	40.01 1.91 0.00	36.91 1.72 0.00	35.10 1.59 0.00	36.95 1.70 0.00	38.67 1.84 0.00	52.56 2.57 0.00	62.67 3.25 0.00	73.33 4.12 0.00	40.64 2.22 0.00	57.38 3.10 0.00	69.20 3.54 0.00	65.19 3.63 0.00	62.65 3.53 0.00	53.17 3.17 0.00	64.20 3.78 0.00	81.10 4.27 0.00	92.28 5.14 0.00	105.98 6.36 0.00	83.88 4.64 0.00	75.35 3.97 0.00	59.16 3.11 0.00	56.27 3.13 0.00	47.35 2.92 0.00	44.42 2.66 0.00
WADING RIVER_IC_1 23522	39.63 1.53 0.00	36.61 1.41 0.00	34.85 1.34 0.00	36.66 1.41 0.00	38.26 1.42 0.00	52.75 2.24 -0.52	65.81 2.65 -3.75	85.20 3.43 -12.55	45.56 1.72 -5.41	64.01 1.88 -7.86	71.04 2.48 -2.90	70.34 2.75 -6.03	70.20 2.82 -8.26	69.79 2.65 -17.14	251.87 3.27 -188.19	285.02 3.87 -204.33	209.06 3.99 -117.93	257.00 5.96 -151.42	174.22 4.70 -90.28	119.13 3.93 -43.81	88.42 3.08 -29.28	66.66 3.02 -10.50	56.00 2.98 -8.58	85.14 2.38 -40.99
WADING RIVER_IC_2 23547	39.63 1.53 0.00	36.61 1.41 0.00	34.85 1.34 0.00	36.66 1.41 0.00	38.26 1.42 0.00	52.75 2.24 -0.52	65.81 2.65 -3.75	85.20 3.43 -12.55	45.56 1.72 -5.41	64.01 1.88 -7.86	71.04 2.48 -2.90	70.34 2.75 -6.03	70.20 2.82 -8.26	69.79 2.65 -17.14	251.87 3.27 -188.19	285.02 3.87 -204.33	209.06 3.99 -117.93	257.00 5.96 -151.42	174.22 4.70 -90.28	119.13 3.93 -43.81	88.42 3.08 -29.28	66.66 3.02 -10.50	56.00 2.98 -8.58	85.14 2.38 -40.99
WADING RIVER_IC_3 23601	39.63 1.53 0.00	36.61 1.41 0.00	34.85 1.34 0.00	36.66 1.41 0.00	38.26 1.42 0.00	52.75 2.24 -0.52	65.81 2.65 -3.75	85.20 3.43 -12.55	45.56 1.72 -5.41	64.01 1.88 -7.86	71.04 2.48 -2.90	70.34 2.75 -6.03	70.20 2.82 -8.26	69.79 2.65 -17.14	251.87 3.27 -188.19	285.02 3.87 -204.33	209.06 3.99 -117.93	257.00 5.96 -151.42	174.22 4.70 -90.28	119.13 3.93 -43.81	88.42 3.08 -29.28	66.66 3.02 -10.50	56.00 2.98 -8.58	85.14 2.38 -40.99
WALDENNY_12_KV_BK2 80841	38.19 0.09 0.00	34.92 -0.27 0.00	33.00 -0.51 0.00	34.70 -0.55 0.00	36.12 -0.72 0.00	48.56 -1.44 0.00	57.14 -2.28 0.00	65.97 -3.24 0.00	36.57 -1.86 0.00	52.30 -1.98 0.00	62.46 -3.20 0.00	54.57 -3.58 3.41	54.33 -3.66 1.14	45.38 -3.16 1.46	49.51 -4.09 6.81	55.00 -5.39 16.43	56.74 -6.50 23.90	88.52 -7.12 3.98	71.05 -5.63 2.56	66.13 -5.26 0.00	51.74 -4.31 0.00	49.00 -4.14 0.00	41.40 -3.04 0.00	38.99 -2.77 0.00
WALDEN__HYDRO 24148	39.47 1.37 0.00	36.44 1.25 0.00	34.67 1.15 0.00	36.51 1.27 0.00	38.22 1.39 0.00	52.02 2.02 0.00	62.01 2.60 0.00	72.37 3.16 0.00	40.02 1.59 0.00	56.51 2.23 0.00	68.26 2.59 0.00	64.21 2.65 0.00	61.74 2.61 0.00	52.23 2.23 0.00	63.08 2.66 0.00	79.94 3.12 0.00	91.11 3.97 0.00	104.62 4.99 0.00	82.94 3.70 0.00	74.64 3.26 0.00	58.59 2.53 0.00	55.59 2.46 0.00	46.72 2.28 0.00	43.85 2.08 0.00
WARRENSBURG____ 23737	39.08 0.98 0.00	36.10 0.91 0.00	34.51 0.99 0.00	36.46 1.21 0.00	38.31 1.47 0.00	52.05 2.06 0.00	61.97 2.55 0.00	71.63 2.42 0.00	39.75 1.33 0.00	56.04 1.77 0.00	68.15 2.49 0.00	64.34 2.77 0.00	61.94 2.82 0.00	52.26 2.25 0.00	63.13 2.71 0.00	80.39 3.57 0.00	91.16 4.02 0.00	103.88 4.26 0.00	82.44 3.20 0.00	74.37 2.98 0.00	58.10 2.04 0.00	55.17 2.04 0.00	46.29 1.86 0.00	43.41 1.64 0.00
WATERSIDE____6 8 9 23538	39.88 1.78 0.00	36.78 1.59 0.00	34.97 1.46 0.00	36.83 1.58 0.00	38.54 1.71 0.00	52.30 2.31 0.00	62.28 2.87 0.00	72.91 3.69 0.00	40.47 2.04 0.00	56.97 2.69 0.00	68.70 3.04 0.00	64.78 3.22 0.00	62.24 3.12 0.00	52.86 2.85 0.00	63.72 3.30 0.00	80.49 3.67 0.00	91.66 4.52 0.00	105.21 5.59 0.00	83.33 4.09 0.00	74.88 3.50 0.00	58.86 2.81 0.00	56.04 2.90 0.00	47.14 2.71 0.00	44.24 2.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.16 1.06 0.00	36.21 1.02 0.00	34.49 0.98 0.00	36.33 1.08 0.00	38.04 1.20 0.00	51.65 1.65 0.00	61.30 1.89 0.00	71.31 2.09 0.00	39.44 1.02 0.00	55.56 1.29 0.00	67.22 1.56 0.00	62.97 1.41 0.00	60.54 1.41 0.00	51.23 1.23 0.00	62.08 1.66 0.00	79.09 2.26 0.00	89.84 2.70 0.00	102.94 3.31 0.00	81.80 2.57 0.00	73.66 2.27 0.00	57.81 1.75 0.00	54.98 1.85 0.00	46.09 1.65 0.00	43.31 1.55 0.00

WDELAWARE___HYD 323627	38.75 0.65 0.00	35.77 0.58 0.00	34.03 0.52 0.00	35.84 0.59 0.00	37.53 0.69 0.00	51.11 1.12 0.00	60.97 1.56 0.00	71.22 2.00 0.00	39.35 0.92 0.00	55.61 1.33 0.00	66.98 1.32 0.00	63.03 1.47 0.00	60.64 1.52 0.00	51.28 1.27 0.00	61.92 1.51 0.00	78.51 1.69 0.00	89.68 2.54 0.00	103.04 3.42 0.00	81.71 2.47 0.00	73.54 2.15 0.00	57.70 1.65 0.00	54.71 1.57 0.00	45.91 1.47 0.00	43.04 1.27 0.00
WEST BABYLON___IC 23714	40.21 2.11 0.00	37.08 1.89 0.00	35.28 1.77 0.00	37.11 1.86 0.00	38.75 1.91 0.00	53.00 2.87 -0.14	63.88 3.48 -0.99	76.93 4.41 -3.31	42.26 2.40 -1.42	59.29 2.94 -2.07	70.26 3.83 -0.77	70.02 3.97 -4.48	70.14 3.99 -7.02	70.84 3.53 -17.31	257.84 4.41 -193.00	288.93 5.32 -206.78	205.78 5.96 -112.68	254.87 7.60 -147.64	164.83 5.70 -79.89	112.51 4.90 -36.23	81.98 3.88 -22.05	61.71 3.75 -4.82	51.54 3.51 -3.60	81.75 2.97 -37.02
WEST CANADA___HYD 24049	38.14 0.04 0.00	35.25 0.06 0.00	33.58 0.07 0.00	35.32 0.07 0.00	36.94 0.11 0.00	50.14 0.15 0.00	59.58 0.17 0.00	69.36 0.14 0.00	38.48 0.05 0.00	54.33 0.05 0.00	65.70 0.04 0.00	61.62 0.06 0.00	59.21 0.08 0.00	50.09 0.09 0.00	60.52 0.10 0.00	76.95 0.13 0.00	87.34 0.20 0.00	99.82 0.19 0.00	79.33 0.09 0.00	71.47 0.09 0.00	56.14 0.09 0.00	53.25 0.11 0.00	44.59 0.16 0.00	41.94 0.17 0.00
WESTERN_NY_WIND 24143	38.96 0.86 0.00	35.68 0.49 0.00	33.76 0.25 0.00	35.50 0.25 0.00	36.99 0.16 0.00	49.73 -0.27 0.00	58.49 -0.92 0.00	67.75 -1.46 0.00	37.72 -0.71 0.00	53.88 -0.39 0.00	64.40 -1.26 0.00	57.34 -1.68 2.54	56.46 -1.80 0.87	47.31 -1.60 1.09	53.13 -2.19 5.09	61.60 -2.94 12.29	65.71 -3.58 17.84	92.90 -3.75 2.97	74.19 -3.14 1.91	68.34 -3.04 0.00	53.43 -2.62 0.00	50.52 -2.61 0.00	42.56 -1.88 0.00	40.10 -1.67 0.00
WESTOVER___LESR 323668	38.19 0.09 0.00	35.24 0.05 0.00	33.50 -0.01 0.00	35.22 -0.03 0.00	36.83 -0.01 0.00	49.92 -0.07 0.00	59.41 -0.01 0.00	69.09 -0.12 0.00	38.22 -0.21 0.00	54.17 -0.11 0.00	65.25 -0.42 0.00	60.37 -0.47 0.73	57.85 -0.47 0.80	49.23 -0.46 0.31	58.35 -0.61 1.45	71.84 -0.85 4.13	76.86 -0.91 9.38	97.01 -0.84 1.77	77.41 -0.70 1.13	70.80 -0.58 0.00	55.58 -0.47 0.00	52.65 -0.49 0.00	44.23 -0.21 0.00	41.54 -0.22 0.00
WETHRSFD_WT_PWR 323626	37.61 -0.49 0.00	34.33 -0.86 0.00	32.39 -1.12 0.00	34.09 -1.16 0.00	35.53 -1.30 0.00	47.89 -2.11 0.00	56.56 -2.86 0.00	65.25 -3.96 0.00	35.98 -2.45 0.00	51.32 -2.96 0.00	60.98 -4.69 0.00	51.16 -5.14 5.26	49.59 -5.23 4.31	42.89 -4.86 2.26	43.82 -6.07 10.52	43.38 -7.87 25.57	40.37 -8.86 37.91	84.17 -9.08 6.37	68.47 -6.69 4.08	64.91 -6.47 0.00	50.51 -5.54 0.00	47.94 -5.19 0.00	40.68 -3.76 0.00	38.25 -3.52 0.00
WHAVSTOR_138KV_BK127 55557	39.30 1.20 0.00	36.29 1.10 0.00	34.52 1.01 0.00	36.38 1.13 0.00	38.09 1.26 0.00	51.82 1.83 0.00	61.76 2.35 0.00	72.12 2.91 0.00	39.91 1.48 0.00	56.35 2.07 0.00	68.08 2.41 0.00	64.04 2.48 0.00	61.50 2.38 0.00	52.05 2.04 0.00	62.81 2.39 0.00	79.55 2.72 0.00	90.67 3.53 0.00	104.12 4.49 0.00	82.50 3.26 0.00	74.24 2.86 0.00	58.28 2.22 0.00	55.34 2.20 0.00	46.59 2.15 0.00	43.76 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.30 1.20 0.00	36.29 1.10 0.00	34.52 1.01 0.00	36.38 1.13 0.00	38.09 1.26 0.00	51.82 1.83 0.00	61.76 2.35 0.00	72.12 2.91 0.00	39.91 1.48 0.00	56.35 2.07 0.00	68.08 2.41 0.00	64.04 2.48 0.00	61.50 2.38 0.00	52.05 2.04 0.00	62.81 2.39 0.00	79.55 2.72 0.00	90.67 3.53 0.00	104.12 4.49 0.00	82.50 3.26 0.00	74.24 2.86 0.00	58.28 2.22 0.00	55.34 2.20 0.00	46.59 2.15 0.00	43.76 1.99 0.00
WHITEHAL_115KV_TB1 80871	40.03 1.94 0.00	36.91 1.72 0.00	35.45 1.94 0.00	37.57 2.33 0.00	39.69 2.86 0.00	53.80 3.80 0.00	64.20 4.79 0.00	73.08 3.86 0.00	40.63 2.21 0.00	57.13 2.85 0.00	70.16 4.50 0.00	66.85 5.29 0.00	64.45 5.33 0.00	54.20 4.20 0.00	65.28 4.87 0.00	83.58 6.76 0.00	94.64 7.50 0.00	106.84 7.21 0.00	84.53 5.29 0.00	76.84 5.46 0.00	59.36 3.30 0.00	56.58 3.44 0.00	47.56 3.13 0.00	44.38 2.61 0.00
WHITEPLN_13_KV_LOAD 356215	39.79 1.69 0.00	36.73 1.54 0.00	34.92 1.41 0.00	36.80 1.55 0.00	38.52 1.68 0.00	52.42 2.42 0.00	62.51 3.10 0.00	73.05 3.83 0.00	40.44 2.01 0.00	57.07 2.79 0.00	69.00 3.34 0.00	64.96 3.40 0.00	62.43 3.31 0.00	52.88 2.87 0.00	63.83 3.42 0.00	80.83 4.01 0.00	92.08 4.94 0.00	105.75 6.13 0.00	83.79 4.55 0.00	75.34 3.96 0.00	59.10 3.05 0.00	56.12 2.98 0.00	47.19 2.76 0.00	44.27 2.51 0.00
WM_FLOYD_69_KV_BK2 356380	39.66 1.56 0.00	36.63 1.44 0.00	34.86 1.35 0.00	36.68 1.43 0.00	38.29 1.45 0.00	52.75 2.26 -0.50	65.60 2.62 -3.57	84.53 3.37 -11.95	45.32 1.74 -5.15	63.65 1.89 -7.48	70.91 2.49 -2.76	70.22 2.75 -5.90	70.03 2.77 -8.14	69.65 2.59 -17.06	251.21 3.25 -187.54	284.14 3.86 -203.46	208.41 4.23 -117.04	256.13 6.05 -150.44	173.08 4.61 -89.23	118.41 3.87 -43.15	87.79 3.03 -28.72	66.26 3.02 -10.12	55.67 2.99 -8.24	84.73 2.42 -40.55
WOODARD___115KV_TB2 355635	37.41 -0.69 0.00	34.56 -0.63 0.00	32.91 -0.60 0.00	34.59 -0.65 0.00	36.15 -0.69 0.00	49.04 -0.95 0.00	58.33 -1.08 0.00	67.95 -1.27 0.00	37.75 -0.68 0.00	53.41 -0.86 0.00	64.45 -1.21 0.00	60.39 -1.18 0.00	57.97 -1.15 0.00	49.06 -0.95 0.00	59.19 -1.22 0.00	75.22 -1.60 0.00	85.36 -1.78 0.00	97.74 -1.88 0.00	77.63 -1.61 0.00	69.88 -1.51 0.00	54.80 -1.26 0.00	51.89 -1.24 0.00	43.47 -0.96 0.00	42.02 -0.88 -1.14
WOODMERE_69_KV_BK1 55827	40.13 2.03 0.00	37.01 1.82 0.00	35.20 1.68 0.00	37.04 1.80 0.00	38.72 1.89 0.00	52.77 2.78 0.00	62.71 3.29 0.00	73.22 4.01 0.00	40.59 2.16 0.00	57.00 2.72 0.00	69.37 3.71 0.00	70.72 3.80 -5.37	71.83 3.71 -9.00	77.01 3.27 -23.74	331.87 4.11 -267.34	366.75 4.78 -285.15	244.49 5.24 -152.10	307.18 6.68 -200.88	188.81 4.97 -104.60	121.67 4.26 -46.02	86.10 3.32 -26.73	60.22 3.27 -3.81	50.07 3.16 -2.48	93.16 2.73 -48.66
YORK___WARBASSE 23770	39.97 1.87 0.00	36.87 1.68 0.00	35.05 1.54 0.00	36.93 1.68 0.00	38.64 1.80 0.00	52.44 2.45 0.00	62.35 2.94 0.00	72.98 3.77 0.00	40.58 2.15 0.00	57.00 2.72 0.00	68.76 3.09 0.00	64.89 3.33 0.00	62.29 3.16 0.00	52.89 2.89 0.00	63.73 3.31 0.00	80.55 3.72 0.00	91.86 4.73 0.00	105.44 5.81 0.00	83.51 4.27 0.00	75.09 3.71 0.00	59.01 2.95 0.00	56.20 3.07 0.00	47.28 2.84 0.00	44.39 2.63 0.00