

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/22/2025

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	46.17	40.62	39.35	39.73	36.49	29.90	28.10	25.76	26.68	30.18	44.17	27.78	31.10	47.97	56.14	54.80	52.87	54.13	60.67	86.88	78.49	78.35	73.32	58.58
24138	3.43	3.04	2.76	2.60	2.54	2.24	2.13	2.15	2.28	2.26	1.94	1.74	1.98	3.24	3.06	3.60	4.35	4.76	5.03	6.09	4.82	4.40	3.47	2.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-16.67	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
74TH STREET_GT_1	46.36	40.77	39.50	39.89	36.63	30.01	28.20	25.84	26.74	30.26	44.22	27.86	31.20	48.12	56.35	54.97	53.03	54.32	60.85	87.18	78.77	78.59	73.54	58.76
24260	3.62	3.19	2.91	2.75	2.68	2.36	2.24	2.23	2.34	2.34	2.02	1.82	2.08	3.40	3.26	3.76	4.50	4.95	5.21	6.39	5.10	4.64	3.70	3.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-16.64	0.00	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	46.36	40.77	39.50	39.89	36.63	30.01	28.20	25.84	26.74	30.26	44.22	27.86	31.20	48.12	56.35	54.97	53.03	54.32	60.85	87.18	78.77	78.59	73.54	58.76
24261	3.62	3.19	2.91	2.75	2.68	2.36	2.24	2.23	2.34	2.34	2.02	1.82	2.08	3.40	3.26	3.76	4.50	4.95	5.21	6.39	5.10	4.64	3.70	3.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-16.64	0.00	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	45.75	40.10	39.06	39.60	36.28	29.64	27.76	25.33	26.29	29.60	29.31	27.12	30.28	46.64	55.27	53.76	52.15	53.45	60.11	86.82	79.06	79.57	73.91	58.89
24011	3.01	2.53	2.47	2.46	2.32	1.99	1.79	1.72	1.89	1.95	1.49	1.08	1.16	1.91	2.18	2.55	3.62	4.08	4.47	6.03	5.39	5.62	4.06	3.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-2.27	0.00	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	46.19	40.44	39.39	39.91	36.57	29.89	27.97	25.55	26.55	29.88	29.55	27.26	30.41	46.89	55.59	54.07	52.61	54.00	60.71	87.58	79.88	80.49	74.64	59.51
23798	3.45	2.87	2.79	2.77	2.62	2.25	2.00	1.94	2.15	2.23	1.73	1.22	1.29	2.16	2.50	2.86	4.08	4.63	5.07	6.79	6.21	6.54	4.80	3.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	45.75	40.10	39.06	39.60	36.28	29.64	27.76	25.33	26.29	29.														

ALBANY___2 23572	43.92 1.18 0.00	38.66 1.08 0.00	37.64 1.04 0.00	38.18 1.04 0.00	35.00 1.05 0.00	28.57 0.92 0.00	26.67 0.70 0.00	24.27 0.65 0.00	25.11 0.71 0.00	28.25 0.60 -0.05	28.32 0.41 -2.35	26.22 0.18 0.00	29.25 0.13 0.00	44.76 0.04 0.00	52.81 -0.28 0.00	51.39 0.18 0.00	49.28 0.75 0.00	50.50 1.13 0.00	56.59 0.95 0.00	81.60 0.81 0.00	74.10 0.44 0.00	74.33 0.38 0.00	69.55 -0.29 0.00	55.47 -0.25 0.00
ALBANY___3 23573	43.92 1.18 0.00	38.66 1.08 0.00	37.64 1.04 0.00	38.18 1.04 0.00	35.00 1.05 0.00	28.57 0.92 0.00	26.67 0.70 0.00	24.27 0.65 0.00	25.11 0.71 0.00	28.25 0.60 -0.05	28.32 0.41 -2.35	26.22 0.18 0.00	29.25 0.13 0.00	44.76 0.04 0.00	52.81 -0.28 0.00	51.39 0.18 0.00	49.28 0.75 0.00	50.50 1.13 0.00	56.59 0.95 0.00	81.60 0.81 0.00	74.10 0.44 0.00	74.33 0.38 0.00	69.55 -0.29 0.00	55.47 -0.25 0.00
ALBANY___4 23574	43.92 1.18 0.00	38.66 1.08 0.00	37.64 1.04 0.00	38.18 1.04 0.00	35.00 1.05 0.00	28.57 0.92 0.00	26.67 0.70 0.00	24.27 0.65 0.00	25.11 0.71 0.00	28.25 0.60 -0.05	28.32 0.41 -2.35	26.22 0.18 0.00	29.25 0.13 0.00	44.76 0.04 0.00	52.81 -0.28 0.00	51.39 0.18 0.00	49.28 0.75 0.00	50.50 1.13 0.00	56.59 0.95 0.00	81.60 0.81 0.00	74.10 0.44 0.00	74.33 0.38 0.00	69.55 -0.29 0.00	55.47 -0.25 0.00
ALBANY___LFGE 323615	44.36 1.62 0.00	39.03 1.45 0.00	37.98 1.38 0.00	38.52 1.38 0.00	35.31 1.35 0.00	28.82 1.17 0.00	26.93 0.97 0.00	24.51 0.90 0.00	25.37 0.97 0.00	28.56 0.90 -0.05	28.65 0.70 -2.38	26.52 0.49 0.00	29.61 0.49 0.00	45.36 0.64 0.00	53.57 0.49 0.00	52.13 0.91 0.00	50.02 1.50 0.00	51.26 1.89 0.00	57.45 1.82 0.00	82.86 2.07 0.00	75.24 1.58 0.00	75.48 1.53 0.00	70.59 0.74 0.00	56.26 0.53 0.00
ALCOA_PA_115KV_PL-6C 55860	42.69 -0.05 0.00	37.46 -0.11 0.00	36.42 -0.17 0.00	36.86 -0.28 0.00	33.51 -0.44 0.00	27.19 -0.46 0.00	25.54 -0.43 0.00	23.18 -0.43 0.00	23.97 -0.43 0.00	27.31 -0.30 0.00	25.38 -0.18 0.00	26.04 0.00 0.00	28.94 -0.18 0.00	44.42 -0.31 0.00	53.14 0.06 0.00	50.91 -0.30 0.00	102.34 -1.60 -55.41	47.41 -1.95 0.00	53.57 -2.07 0.00	78.38 -2.42 0.00	71.91 -1.76 0.00	73.41 -0.54 0.00	69.87 0.03 0.00	56.14 0.42 0.00
ALCOA_RYNLDS___DRP 24188	42.69 -0.05 0.00	37.46 -0.11 0.00	36.42 -0.17 0.00	36.86 -0.28 0.00	33.51 -0.44 0.00	27.19 -0.46 0.00	25.54 -0.43 0.00	23.18 -0.43 0.00	23.97 -0.43 0.00	27.31 -0.30 0.00	25.38 -0.18 0.00	26.04 0.00 0.00	28.94 -0.18 0.00	44.42 -0.31 0.00	53.14 0.06 0.00	50.91 -0.30 0.00	102.34 -1.60 -55.41	47.41 -1.95 0.00	53.57 -2.07 0.00	78.38 -2.42 0.00	71.91 -1.76 0.00	73.41 -0.54 0.00	69.87 0.03 0.00	56.14 0.42 0.00
ALCOA___DSASP 323711	42.69 -0.05 0.00	37.46 -0.11 0.00	36.42 -0.17 0.00	36.86 -0.27 0.00	33.51 -0.44 0.00	27.18 -0.47 0.00	25.54 -0.43 0.00	23.18 -0.43 0.00	23.97 -0.43 0.00	27.31 -0.30 0.00	25.38 -0.18 0.00	26.04 0.00 0.00	28.94 -0.17 0.00	44.42 -0.31 0.00	53.14 0.05 0.00	50.92 -0.30 0.00	102.34 -1.60 -55.41	47.41 -1.96 0.00	53.57 -2.07 0.00	78.38 -2.42 0.00	71.91 -1.76 0.00	73.41 -0.54 0.00	69.87 0.03 0.00	56.14 0.42 0.00
ALLEGHENY___COGEN 23514	44.22 1.11 -0.37	38.44 0.87 0.00	37.47 0.76 -0.12	38.41 0.64 -0.63	49.58 0.64 -14.99	64.30 0.57 -36.07	63.04 0.64 -36.43	56.12 0.39 -32.12	56.16 -0.03 -31.79	57.77 -0.11 -30.27	49.32 0.63 -23.13	52.79 0.49 -26.27	32.26 0.57 -2.57	45.78 1.06 0.00	54.73 1.64 0.00	52.37 1.16 0.00	49.80 1.28 0.00	54.74 0.99 -4.37	57.59 1.96 0.00	86.34 5.55 0.00	80.85 7.18 0.00	80.80 6.85 0.00	75.71 5.87 0.00	59.15 3.43 0.00
ALTAMONT_115KV_TB 2 55880	44.10 1.36 0.00	38.80 1.23 0.00	37.77 1.17 0.00	38.32 1.19 0.00	35.13 1.18 0.00	28.69 1.04 0.00	26.89 0.92 0.00	24.46 0.85 0.00	25.29 0.89 0.00	28.48 0.83 -0.04	28.32 0.65 -2.11	26.51 0.47 0.00	29.61 0.50 0.00	45.46 0.74 0.00	53.66 0.58 0.00	52.14 0.92 0.00	49.92 1.39 0.00	51.11 1.74 0.00	57.39 1.75 0.00	82.90 2.11 0.00	75.31 1.65 0.00	75.50 1.55 0.00	70.79 0.95 0.00	56.42 0.70 0.00
ALTONA_WT_PWR 323606	42.03 -0.71 0.00	36.48 -1.10 0.00	25.73 -1.34 9.52	20.82 -1.54 14.78	-0.48 -1.49 32.93	13.21 -1.23 13.22	25.00 -0.96 0.00	18.55 -1.05 4.01	23.36 -1.04 0.00	26.79 -0.82 0.00	25.06 -0.50 0.00	25.81 -0.23 0.00	28.76 -0.36 0.00	44.04 -0.69 0.00	52.79 -0.29 0.00	51.05 -0.16 0.00	47.82 -0.70 0.00	48.02 -1.35 0.00	54.16 -1.48 0.00	79.58 -1.21 0.00	73.40 -0.26 0.00	74.30 0.35 0.00	70.57 0.73 0.00	56.95 1.23 0.00
AMERICAN_REF_FUEL 24010	40.96 -1.69 0.09	36.03 -1.54 0.00	34.92 -1.65 0.03	35.19 -1.80 0.15	29.19 -1.25 3.50	18.20 -1.02 8.43	16.59 -0.86 8.51	15.47 -0.63 7.51	16.41 -0.56 7.43	20.12 -0.43 7.06	21.95 -0.27 3.33	27.64 -0.17 -1.77	29.37 0.07 -0.17	45.34 0.61 0.00	54.43 1.35 0.00	51.93 0.72 0.00	49.51 0.99 0.00	49.40 0.51 0.48	56.33 0.69 0.00	82.51 1.72 0.00	75.91 2.24 0.00	75.59 1.64 0.00	71.71 1.87 0.00	56.55 0.83 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.56 -2.11 0.07	35.65 -1.92 0.00	34.80 -1.78 0.02	35.39 -1.63 0.12	29.62 -1.46 2.87	19.63 -1.11 6.91	18.07 -0.91 6.98	16.77 -0.69 6.15	17.56 -0.75 6.09	21.09 -0.72 5.79	22.50 -0.57 2.49	28.11 -0.18 -2.25	29.68 0.34 -0.22	46.37 1.65 0.00	55.87 2.78 0.00	53.99 2.78 0.00	51.58 3.05 0.00	51.14 2.11 0.34	58.53 2.89 0.00	84.94 4.15 0.00	78.67 5.01 0.00	78.70 4.76 0.00	74.76 4.92 0.00	58.32 2.60 0.00
ARTHUR KILL_GT_1 23520	46.19 3.45 0.00	40.58 3.00 0.00	39.28 2.69 0.00	39.62 2.48 0.00	36.41 2.46 0.00	29.84 2.19 0.00	28.02 2.05 0.00	25.65 2.04 0.00	26.57 2.17 0.00	30.04 2.11 -0.32	44.00 1.80 -16.64	27.67 1.64 0.00	31.01 1.90 0.00	47.90 3.17 0.00	55.73 2.64 0.00	54.54 3.33 0.00	52.67 4.14 0.00	53.74 4.37 0.00	59.99 4.35 0.01	85.78 5.00 0.01	77.54 3.89 0.01	77.50 3.56 0.01	72.54 2.71 0.01	57.83 2.11 0.00
ARTHUR_KILL_2 23512	46.02 3.28 0.00	40.43 2.86 0.00	39.14 2.54 0.00	39.51 2.37 0.00	36.29 2.34 0.00	29.73 2.08 0.00	27.93 1.96 0.00	25.56 1.95 0.00	26.48 2.08 0.00	29.93 2.01 -0.32	43.90 1.70 -16.64	27.58 1.54 0.00	30.91 1.79 0.00	47.73 3.00 0.00	55.54 2.45 0.00	54.33 3.11 0.00	52.45 3.92 0.00	53.51 4.14 0.00	59.70 4.07 0.01	85.35 4.57 0.01	77.13 3.47 0.01	77.08 3.14 0.01	72.17 2.33 0.01	57.57 1.84 0.00
ARTHUR_KILL_3 23513	45.76 3.02 0.00	40.24 2.66 0.00	38.99 2.39 0.00	39.37 2.23 0.00	36.15 2.20 0.00	29.62 1.97 0.00	27.84 1.87 0.00	25.51 1.90 0.00	26.41 2.01 0.00	29.86 1.93 -0.32	43.86 1.65 -16.65	27.50 1.46 0.00	30.78 1.67 0.00	47.52 2.79 0.00	55.56 2.48 0.00	54.23 3.01 0.00	52.31 3.78 0.00	53.60 4.23 0.00	60.01 4.37 0.00	85.78 4.99 0.00	77.41 3.75 0.00	77.22 3.27 0.00	72.29 2.45 0.00	57.80 2.08 0.00

ARTHUR_KILL_COGEN 323718	46.19 3.45 0.00	40.57 3.00 0.00	39.28 2.69 0.00	39.62 2.48 0.00	36.42 2.47 0.00	29.83 2.18 0.00	28.02 2.05 0.00	25.65 2.04 0.00	26.57 2.17 0.00	30.03 2.11 -0.32	43.99 1.79 -16.64	27.67 1.63 0.00	31.01 1.90 0.00	47.90 3.17 0.00	55.74 2.65 0.00	54.55 3.33 0.00	52.67 4.14 0.00	53.74 4.37 0.00	59.98 4.35 0.01	85.77 4.99 0.01	77.53 3.88 0.01	77.50 3.56 0.01	72.54 2.70 0.01	57.83 2.11 0.00
ASHOKAN____ 23654	45.90 3.16 0.00	40.26 2.68 0.00	39.08 2.49 0.00	39.55 2.41 0.00	36.27 2.31 0.00	29.62 1.97 0.00	27.83 1.86 0.00	25.41 1.80 0.00	26.35 1.95 0.00	29.58 1.97 0.00	27.26 1.70 0.00	27.52 1.48 0.00	30.81 1.69 0.00	47.36 2.63 0.00	55.81 2.73 0.00	54.49 3.28 0.00	52.55 4.03 0.00	54.24 4.87 0.00	61.06 5.42 0.00	88.06 7.27 0.00	79.69 6.03 0.00	79.53 5.58 0.00	74.27 4.43 0.00	58.82 3.10 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.95 3.21 0.00	40.43 2.86 0.00	39.15 2.55 0.00	39.53 2.39 0.00	36.35 2.39 0.00	29.90 2.24 0.00	27.99 2.02 0.00	25.59 1.99 0.00	26.46 2.06 0.00	29.95 2.03 -0.32	43.88 1.68 -16.64	27.51 1.47 0.00	30.93 1.81 0.00	47.69 2.96 0.00	55.74 2.66 0.00	54.34 3.13 0.00	52.49 3.96 0.00	53.75 4.37 -0.01	60.11 4.47 -0.01	86.31 5.42 -0.09	78.33 4.24 -0.43	77.73 3.77 -0.01	72.74 2.88 -0.01	58.25 2.52 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	45.95 3.21 0.00	40.43 2.86 0.00	39.15 2.55 0.00	39.53 2.39 0.00	36.35 2.39 0.00	29.89 2.24 0.00	27.99 2.02 0.00	25.59 1.99 0.00	26.46 2.06 0.00	29.95 2.03 -0.32	43.88 1.68 -16.64	27.51 1.47 0.00	30.93 1.81 0.00	47.69 2.96 0.00	55.74 2.65 0.00	54.34 3.13 0.00	52.49 3.96 0.00	53.75 4.37 -0.01	60.11 4.47 -0.01	86.31 5.42 -0.09	78.33 4.24 -0.43	77.72 3.76 -0.01	72.74 2.88 -0.01	58.25 2.52 -0.01
ASTORIA_GT2_1 24094	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT2_2 24095	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT2_3 24096	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT2_4 24097	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT3_1 24098	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT3_2 24099	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT3_3 24100	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT3_4 24101	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT4_1 24102	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT4_2 24103	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT4_3 24104	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00

ASTORIA_GT4_4 24105	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.91 2.26 0.00	28.01 2.04 0.00	25.61 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.90 1.70 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 3.00 0.00	55.78 2.69 0.00	54.38 3.17 0.00	52.51 3.98 0.00	53.76 4.40 0.00	60.15 4.50 -0.01	86.36 5.48 -0.09	78.37 4.28 -0.43	77.77 3.82 -0.01	72.77 2.92 -0.01	58.26 2.54 0.00
ASTORIA_GT_1 23523	46.07 3.33 0.00	40.54 2.96 0.00	39.24 2.64 0.00	39.63 2.49 0.00	36.42 2.47 0.00	29.97 2.31 0.00	28.06 2.09 0.00	25.66 2.05 0.00	26.53 2.13 0.00	30.03 2.10 -0.32	43.95 1.76 -16.64	27.59 1.55 0.00	31.01 1.89 0.00	47.84 3.12 0.00	55.92 2.83 0.00	54.52 3.31 0.00	52.65 4.13 0.00	53.92 4.55 0.00	60.32 4.67 -0.01	86.62 5.74 -0.09	78.61 4.52 -0.43	78.00 4.04 -0.01	72.98 3.13 -0.01	58.42 2.70 0.00
ASTORIA_GT_10 24110	45.97 3.23 0.00	40.44 2.87 0.00	39.17 2.58 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.82 2.17 0.00	28.00 2.03 0.00	25.63 2.03 0.00	26.54 2.14 0.00	30.01 2.09 -0.32	43.96 1.76 -16.64	27.59 1.55 0.00	30.86 1.74 0.00	47.55 2.82 0.00	55.53 2.45 0.00	54.18 2.97 0.00	52.27 3.75 0.00	53.50 4.13 0.00	54.00 4.24 5.88	63.61 4.92 22.10	55.30 3.74 22.10	62.53 3.27 14.69	61.78 2.41 10.47	57.84 2.12 0.00
ASTORIA_GT_11 24225	45.97 3.23 0.00	40.44 2.87 0.00	39.17 2.58 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.82 2.17 0.00	28.00 2.03 0.00	25.63 2.03 0.00	26.54 2.14 0.00	30.01 2.09 -0.32	43.96 1.76 -16.64	27.59 1.55 0.00	30.86 1.74 0.00	47.55 2.82 0.00	55.53 2.45 0.00	54.18 2.97 0.00	52.27 3.75 0.00	53.50 4.13 0.00	54.00 4.24 5.88	63.61 4.92 22.10	55.30 3.74 22.10	62.53 3.27 14.69	61.78 2.41 10.47	57.84 2.12 0.00
ASTORIA_GT_12 24226	45.97 3.23 0.00	40.44 2.87 0.00	39.17 2.58 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.82 2.17 0.00	28.00 2.03 0.00	25.63 2.03 0.00	26.54 2.14 0.00	30.01 2.09 -0.32	43.96 1.76 -16.64	27.59 1.55 0.00	30.86 1.74 0.00	47.55 2.82 0.00	55.53 2.45 0.00	54.18 2.97 0.00	52.27 3.75 0.00	53.50 4.13 0.00	54.00 4.24 5.88	63.61 4.92 22.10	55.30 3.74 22.10	62.53 3.27 14.69	61.78 2.41 10.47	57.84 2.12 0.00
ASTORIA_GT_13 24227	45.97 3.23 0.00	40.44 2.87 0.00	39.17 2.58 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.82 2.17 0.00	28.00 2.03 0.00	25.63 2.03 0.00	26.54 2.14 0.00	30.01 2.09 -0.32	43.96 1.76 -16.64	27.59 1.55 0.00	30.86 1.74 0.00	47.55 2.82 0.00	55.53 2.45 0.00	54.18 2.97 0.00	52.27 3.75 0.00	53.50 4.13 0.00	54.00 4.24 5.88	63.61 4.92 22.10	55.30 3.74 22.10	62.53 3.27 14.69	61.78 2.41 10.47	57.84 2.12 0.00
ASTORIA_GT_5 24106	46.07 3.33 0.00	40.54 2.96 0.00	39.24 2.64 0.00	39.63 2.49 0.00	36.42 2.47 0.00	29.97 2.31 0.00	28.06 2.09 0.00	25.66 2.05 0.00	26.53 2.13 0.00	30.03 2.10 -0.32	43.95 1.76 -16.64	27.59 1.55 0.00	31.01 1.89 0.00	47.84 3.12 0.00	55.92 2.83 0.00	54.52 3.31 0.00	52.65 4.13 0.00	53.92 4.55 0.00	60.32 4.67 -0.01	86.62 5.74 -0.09	78.61 4.52 -0.43	78.00 4.04 -0.01	72.98 3.13 -0.01	58.42 2.70 0.00
ASTORIA_GT_7 24107	46.07 3.33 0.00	40.54 2.96 0.00	39.24 2.64 0.00	39.63 2.49 0.00	36.42 2.47 0.00	29.97 2.31 0.00	28.06 2.09 0.00	25.66 2.05 0.00	26.53 2.13 0.00	30.03 2.10 -0.32	43.95 1.76 -16.64	27.59 1.55 0.00	31.01 1.89 0.00	47.84 3.12 0.00	55.92 2.83 0.00	54.52 3.31 0.00	52.65 4.13 0.00	53.92 4.55 0.00	60.32 4.67 -0.01	86.62 5.74 -0.09	78.61 4.52 -0.43	78.00 4.04 -0.01	72.98 3.13 -0.01	58.42 2.70 0.00
ASTORIA_GT_8 24108	46.07 3.33 0.00	40.54 2.96 0.00	39.24 2.64 0.00	39.63 2.49 0.00	36.42 2.47 0.00	29.97 2.31 0.00	28.06 2.09 0.00	25.66 2.05 0.00	26.53 2.13 0.00	30.03 2.10 -0.32	43.95 1.76 -16.64	27.59 1.55 0.00	31.01 1.89 0.00	47.84 3.12 0.00	55.92 2.83 0.00	54.52 3.31 0.00	52.65 4.13 0.00	53.92 4.55 0.00	60.32 4.67 -0.01	86.62 5.74 -0.09	78.61 4.52 -0.43	78.00 4.04 -0.01	72.98 3.13 -0.01	58.42 2.70 0.00
ASTORIA___2 24149	45.98 3.24 0.00	40.45 2.88 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.90 2.25 0.00	28.01 2.04 0.00	25.60 2.00 0.00	26.48 2.08 0.00	29.96 2.03 -0.32	43.89 1.69 -16.64	27.53 1.49 0.00	30.94 1.82 0.00	47.72 2.99 0.00	55.78 2.69 0.00	54.37 3.16 0.00	52.51 3.98 0.00	53.77 4.39 -0.01	60.15 4.50 -0.01	86.34 5.45 -0.09	78.35 4.26 -0.43	77.76 3.80 -0.01	72.77 2.92 -0.01	58.26 2.54 -0.01
ASTORIA___3 23516	45.97 3.23 0.00	40.44 2.87 0.00	39.17 2.58 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.82 2.17 0.00	28.00 2.03 0.00	25.63 2.02 0.00	26.54 2.14 0.00	30.01 2.09 -0.32	43.96 1.76 -16.64	27.58 1.54 0.00	30.85 1.74 0.00	47.55 2.82 0.00	55.53 2.44 0.00	54.18 2.97 0.00	52.27 3.75 0.00	53.50 4.13 0.00	53.99 4.23 5.88	63.60 4.91 22.10	55.30 3.73 22.10	62.52 3.26 14.69	61.78 2.41 10.47	57.83 2.11 0.00
ASTORIA___4 23517	45.97 3.23 0.00	40.44 2.87 0.00	39.17 2.58 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.82 2.17 0.00	28.00 2.03 0.00	25.63 2.02 0.00	26.54 2.14 0.00	30.01 2.09 -0.32	43.96 1.76 -16.64	27.58 1.54 0.00	30.86 1.74 0.00	47.55 2.82 0.00	55.53 2.44 0.00	54.18 2.97 0.00	52.27 3.75 0.00	53.50 4.13 0.00	54.00 4.24 5.88	63.61 4.92 22.10	55.30 3.74 22.10	62.53 3.27 14.69	61.78 2.41 10.47	57.83 2.11 0.00
ASTORIA___5 23518	45.97 3.23 0.00	40.44 2.87 0.00	39.17 2.58 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.82 2.17 0.00	28.00 2.03 0.00	25.63 2.02 0.00	26.54 2.14 0.00	30.01 2.09 -0.32	43.96 1.76 -16.64	27.58 1.54 0.00	30.85 1.74 0.00	47.55 2.82 0.00	55.53 2.44 0.00	54.18 2.97 0.00	52.27 3.75 0.00	53.50 4.13 0.00	53.99 4.23 5.88	63.60 4.91 22.10	55.30 3.73 22.10	62.52 3.26 14.69	61.78 2.41 10.47	57.83 2.11 0.00
AST_ENERGY_2_CC3 323677	45.54 2.80 0.00	40.07 2.50 0.00	38.80 2.20 0.00	39.18 2.04 0.00	36.03 2.09 0.00	29.70 2.05 0.00	27.81 1.85 0.00	25.43 1.82 0.00	26.22 1.82 0.00	29.68 1.75 -0.32	43.63 1.44 -16.64	27.28 1.25 0.00	30.85 1.73 0.00	47.58 2.85 0.00	55.68 2.59 0.00	54.33 3.12 0.00	52.40 3.88 0.00	53.68 4.32 0.00	60.14 4.50 0.00	86.09 5.30 0.00	77.79 4.12 0.00	77.68 3.73 0.00	72.72 2.88 0.00	58.11 2.39 0.00
AST_ENERGY_2_CC4 323678	45.54 2.80 0.00	40.07 2.50 0.00	38.80 2.20 0.00	39.18 2.04 0.00	36.03 2.09 0.00	29.70 2.05 0.00	27.81 1.85 0.00	25.43 1.82 0.00	26.22 1.82 0.00	29.68 1.75 -0.32	43.63 1.44 -16.64	27.28 1.25 0.00	30.85 1.73 0.00	47.58 2.85 0.00	55.68 2.59 0.00	54.33 3.12 0.00	52.40 3.88 0.00	53.68 4.32 0.00	60.14 4.50 0.00	86.09 5.30 0.00	77.79 4.12 0.00	77.68 3.73 0.00	72.72 2.88 0.00	58.11 2.39 0.00

ATHENS_STG_1 23668	44.40 1.66 0.00	39.07 1.49 0.00	38.00 1.40 0.00	38.53 1.40 0.00	35.36 1.41 0.00	28.91 1.26 0.00	27.14 1.18 0.00	24.71 1.10 0.00	25.56 1.16 0.00	28.70 1.05 -0.04	28.51 0.85 -2.11	26.71 0.67 0.00	29.86 0.75 0.00	45.92 1.19 0.00	54.07 0.99 0.00	52.59 1.38 0.00	50.47 1.94 0.00	51.71 2.34 0.00	58.01 2.37 0.00	83.56 2.76 0.00	75.76 2.09 0.00	75.84 1.89 0.00	71.11 1.27 0.00	56.68 0.96 0.00
ATHENS_STG_2 23670	44.40 1.66 0.00	39.07 1.49 0.00	38.00 1.40 0.00	38.53 1.40 0.00	35.36 1.41 0.00	28.91 1.26 0.00	27.14 1.18 0.00	24.71 1.10 0.00	25.56 1.16 0.00	28.70 1.05 -0.04	28.51 0.85 -2.11	26.71 0.67 0.00	29.86 0.75 0.00	45.92 1.19 0.00	54.07 0.99 0.00	52.59 1.38 0.00	50.47 1.94 0.00	51.71 2.34 0.00	58.01 2.37 0.00	83.56 2.76 0.00	75.76 2.09 0.00	75.84 1.89 0.00	71.11 1.27 0.00	56.68 0.96 0.00
ATHENS_STG_3 23677	44.40 1.66 0.00	39.07 1.49 0.00	38.00 1.40 0.00	38.53 1.40 0.00	35.36 1.41 0.00	28.91 1.26 0.00	27.14 1.18 0.00	24.71 1.10 0.00	25.56 1.16 0.00	28.70 1.05 -0.04	28.51 0.85 -2.11	26.71 0.67 0.00	29.86 0.75 0.00	45.92 1.19 0.00	54.07 0.99 0.00	52.59 1.38 0.00	50.47 1.94 0.00	51.71 2.34 0.00	58.01 2.37 0.00	83.56 2.76 0.00	75.76 2.09 0.00	75.84 1.89 0.00	71.11 1.27 0.00	56.68 0.96 0.00
AUBURN___LFGE 323710	43.21 0.47 0.00	37.84 0.27 0.00	36.99 0.39 0.00	37.48 0.34 0.00	34.42 0.47 0.00	27.95 0.30 0.00	26.38 0.41 0.00	24.02 0.41 0.00	24.84 0.44 0.00	28.11 0.51 0.00	26.28 0.40 -0.32	27.73 0.47 -1.23	29.99 0.75 -0.12	46.01 1.28 0.00	54.33 1.24 0.00	52.62 1.41 0.00	44.89 1.83 5.46	51.15 1.70 -0.08	58.07 2.43 0.00	84.87 4.06 -0.02	77.82 3.85 -0.31	78.15 3.52 -0.68	73.42 2.55 -1.02	57.38 1.65 0.00
BABYLON_RES_REC 323704	46.49 3.76 0.00	40.82 3.24 0.00	39.39 2.79 0.00	39.59 2.45 0.00	36.45 2.50 0.00	29.77 2.12 0.00	28.08 2.12 0.00	25.74 2.13 0.00	26.68 2.28 0.00	30.16 2.24 -0.32	44.26 2.11 -16.59	27.76 1.72 0.00	30.75 1.64 0.00	47.38 2.66 0.00	55.29 2.21 0.00	53.96 2.74 0.00	51.79 3.26 0.00	53.82 4.45 0.00	60.21 4.57 0.00	85.81 5.20 0.18	76.36 3.63 0.93	77.11 3.16 0.00	72.38 2.54 0.00	57.80 2.07 0.00
BALL_HILL_WT_PWR 323825	41.38 -1.27 0.09	36.45 -1.13 0.00	35.39 -1.18 0.03	35.80 -1.19 0.15	29.38 -0.94 3.63	18.16 -0.75 8.74	16.52 -0.62 8.83	15.38 -0.44 7.78	16.30 -0.40 7.70	19.98 -0.30 7.32	21.99 -0.14 3.42	27.85 0.17 -1.64	29.89 0.61 -0.16	46.42 1.70 0.00	55.56 2.48 0.00	53.45 2.24 0.00	51.01 2.48 0.00	50.63 1.77 0.51	58.13 2.50 0.00	84.92 4.13 0.00	78.12 4.46 0.00	77.89 3.94 0.00	73.84 4.00 0.00	57.82 2.10 0.00
BARON_WINDS___WT_PWR 323822	40.33 -1.72 0.69	36.04 -1.54 0.00	34.90 -1.47 0.22	34.42 -1.56 1.16	4.83 -1.39 27.73	-40.14 -1.07 66.72	-42.33 -0.92 67.37	-36.61 -0.83 59.40	-35.27 -0.88 58.79	-29.23 -0.94 55.90	-14.87 -0.62 39.81	-5.20 -0.43 30.81	26.13 0.03 3.02	45.39 0.66 0.00	53.78 0.69 0.00	51.57 0.36 0.00	48.84 0.31 0.00	42.38 -0.13 6.86	56.61 0.97 0.00	83.54 2.75 0.00	77.36 3.60 -0.09	77.05 2.90 -0.19	72.44 2.31 -0.29	56.47 0.75 0.00
BARRETT_IC_1 23704	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	86.21 4.96 -0.46	79.60 3.60 -2.34	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_10 23701	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	80.33 4.96 5.41	49.77 3.60 27.48	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_11 23702	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	80.33 4.96 5.41	49.77 3.60 27.48	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_12 23703	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	80.33 4.96 5.41	49.77 3.60 27.48	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_2 23705	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	86.21 4.96 -0.46	79.60 3.60 -2.34	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_3 23706	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	86.21 4.96 -0.46	79.60 3.60 -2.34	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_4 23707	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	86.21 4.96 -0.46	79.60 3.60 -2.34	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_5 23708	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	86.21 4.96 -0.46	79.60 3.60 -2.34	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37

BARRETT_IC_6 23709	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	86.21 4.96 -0.46	79.60 3.60 -2.34	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_7 23710	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.53 0.00	39.41 2.28 0.00	36.25 2.30 0.00	29.64 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.02 1.87 -16.59	27.58 1.55 0.00	30.83 1.72 0.00	47.47 2.74 0.00	55.36 2.28 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.74 4.37 0.00	60.05 4.41 0.00	86.24 4.99 -0.46	79.70 3.70 -2.34	95.48 3.38 -18.15	139.45 2.78 -66.82	156.38 2.29 -98.37
BARRETT_IC_8 23711	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	86.21 4.96 -0.46	79.60 3.60 -2.34	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT_IC_9 23700	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	80.33 4.96 5.41	49.77 3.60 27.48	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT___1 23545	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	86.21 4.96 -0.46	79.60 3.60 -2.34	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BARRETT___2 23546	46.11 3.37 0.00	40.51 2.93 0.00	39.13 2.54 0.00	39.41 2.27 0.00	36.26 2.30 0.00	29.63 1.98 0.00	27.92 1.95 0.00	25.55 1.94 0.00	26.46 2.06 0.00	29.92 2.00 -0.32	44.01 1.87 -16.59	27.57 1.53 0.00	30.84 1.72 0.00	47.47 2.74 0.00	55.37 2.29 0.00	54.06 2.85 0.00	51.99 3.46 0.00	53.75 4.37 0.00	60.05 4.41 0.00	80.33 4.96 5.41	49.77 3.60 27.48	95.48 3.38 -18.15	139.44 2.79 -66.82	156.39 2.30 -98.37
BATAVIA__115KV_TB1 55881	43.11 0.43 0.06	37.85 0.27 0.00	36.70 0.13 0.02	37.03 0.00 0.11	31.67 0.26 2.55	21.75 0.22 6.12	20.10 0.32 6.18	18.58 0.43 5.45	19.54 0.53 5.40	23.23 0.74 5.12	24.03 0.65 2.18	29.24 1.02 -2.18	30.67 1.34 -0.21	47.21 2.48 0.00	56.57 3.49 0.00	54.12 2.91 0.00	51.68 3.15 0.00	52.10 3.02 0.29	59.53 3.89 0.00	87.66 6.87 0.00	80.68 7.02 0.00	80.31 6.37 0.00	75.76 5.92 0.00	59.47 3.75 0.00
BAYONEEC___CTG1 323682	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BAYONEEC___CTG10 323750	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BAYONEEC___CTG2 323683	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BAYONEEC___CTG3 323684	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BAYONEEC___CTG4 323685	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BAYONEEC___CTG5 323686	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BAYONEEC___CTG6 323687	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BAYONEEC___CTG7 323688	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00

BAYONEEC___CTG8 323689	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BAYONEEC___CTG9 323749	45.97 3.23 0.00	40.42 2.85 0.00	39.17 2.57 0.00	39.55 2.41 0.00	36.32 2.37 0.00	29.75 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.98 1.77 -16.65	27.60 1.56 0.00	30.90 1.78 0.00	47.67 2.94 0.00	55.79 2.70 0.00	54.44 3.23 0.00	52.50 3.97 0.00	53.76 4.39 0.00	60.22 4.58 0.00	86.16 5.37 0.00	77.79 4.13 0.00	77.64 3.69 0.00	72.66 2.82 0.00	58.11 2.38 0.00
BEACON___LESR 323632	44.64 1.90 0.00	39.16 1.58 0.00	38.19 1.60 0.00	38.69 1.55 0.00	35.40 1.45 0.00	28.90 1.25 0.00	27.05 1.08 0.00	24.61 1.00 0.00	25.56 1.16 0.00	28.77 1.11 -0.05	28.82 0.88 -2.39	26.62 0.58 0.00	29.77 0.65 0.00	45.55 0.83 0.00	53.82 0.74 0.00	52.43 1.22 0.00	50.31 1.79 0.00	51.60 2.23 0.00	58.05 2.41 0.00	83.59 2.80 0.00	75.72 2.05 0.00	75.97 2.02 0.00	70.80 0.96 0.00	56.52 0.79 0.00
BEAVER RIVER___HYD 24048	42.28 -0.46 0.00	37.17 -0.40 0.00	36.40 -0.19 0.00	38.20 1.06 0.00	34.55 0.60 0.00	27.37 -0.28 0.00	25.35 -0.62 0.00	23.01 -0.59 0.00	23.84 -0.56 0.00	26.95 -0.67 0.00	24.85 -0.71 0.00	25.23 -0.81 0.00	28.43 -0.69 0.00	44.14 -0.58 0.00	52.61 -0.47 0.00	50.76 -0.45 0.00	-44.61 -0.23 92.91	48.69 -0.67 0.00	55.92 0.28 0.00	83.10 2.30 -0.01	76.47 2.63 -0.17	76.82 2.50 -0.37	72.09 1.70 -0.55	56.18 0.46 0.00
BEEBEE_GT_13 23619	42.89 0.14 0.00	37.65 0.07 0.00	36.58 -0.01 0.00	37.06 -0.08 0.00	33.97 0.02 0.00	27.68 0.03 0.00	26.08 0.11 0.00	23.83 0.22 0.00	24.70 0.30 0.00	28.10 0.49 0.00	26.87 0.59 -0.72	29.74 0.96 -2.74	30.64 1.26 -0.27	46.92 2.20 0.00	56.02 2.94 0.00	53.88 2.67 0.00	51.47 2.95 0.00	52.30 2.74 -0.19	59.10 3.46 0.00	86.41 5.62 0.00	79.06 5.40 0.00	78.75 4.81 0.00	74.10 4.26 0.00	58.38 2.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.48 3.74 0.00	40.83 3.25 0.00	39.51 2.91 0.00	39.88 2.74 0.00	36.64 2.69 0.00	30.02 2.37 0.00	28.20 2.23 0.00	25.82 2.21 0.00	26.75 2.35 0.00	30.26 2.34 -0.32	44.23 2.03 -16.64	27.90 1.86 0.00	31.27 2.15 0.00	48.30 3.57 0.00	56.39 3.30 0.00	55.03 3.82 0.00	53.12 4.59 0.00	54.31 4.94 0.00	60.77 5.13 0.01	87.02 6.24 0.01	78.62 4.96 0.01	78.46 4.52 0.01	73.42 3.58 0.01	58.61 2.89 0.00
BETHLEHEM___GRP 23843	43.92 1.18 0.00	38.66 1.08 0.00	37.64 1.04 0.00	38.18 1.04 0.00	35.00 1.05 0.00	28.57 0.92 0.00	26.67 0.70 0.00	24.27 0.65 0.00	25.11 0.71 0.00	28.25 0.60 -0.05	28.32 0.41 -2.35	26.22 0.18 0.00	29.25 0.13 0.00	44.76 0.04 0.00	52.81 -0.28 0.00	51.39 0.18 0.00	49.28 0.75 0.00	50.50 1.13 0.00	56.59 0.95 0.00	81.60 0.81 0.00	74.10 0.44 0.00	74.33 0.38 0.00	69.55 -0.29 0.00	55.47 -0.25 0.00
BETHLEHEM___GS1 323560	43.93 1.19 0.00	38.66 1.08 0.00	37.64 1.04 0.00	38.18 1.04 0.00	35.00 1.05 0.00	28.57 0.92 0.00	26.67 0.70 0.00	24.26 0.65 0.00	25.11 0.71 0.00	28.25 0.60 -0.05	28.32 0.41 -2.35	26.22 0.18 0.00	29.25 0.13 0.00	44.76 0.04 0.00	52.81 -0.28 0.00	51.39 0.18 0.00	49.28 0.76 0.00	50.49 1.12 0.00	56.59 0.95 0.00	81.60 0.81 0.00	74.11 0.44 0.00	74.33 0.37 0.00	69.55 -0.29 0.00	55.47 -0.25 0.00
BETHLEHEM___GS2 323561	43.93 1.19 0.00	38.66 1.08 0.00	37.64 1.04 0.00	38.18 1.04 0.00	35.00 1.05 0.00	28.57 0.92 0.00	26.67 0.70 0.00	24.26 0.65 0.00	25.11 0.71 0.00	28.25 0.60 -0.05	28.32 0.41 -2.35	26.22 0.18 0.00	29.25 0.13 0.00	44.76 0.04 0.00	52.81 -0.28 0.00	51.39 0.18 0.00	49.28 0.76 0.00	50.49 1.12 0.00	56.59 0.95 0.00	81.60 0.81 0.00	74.11 0.44 0.00	74.33 0.37 0.00	69.55 -0.29 0.00	55.47 -0.25 0.00
BETHLEHEM___GS3 323562	43.93 1.19 0.00	38.66 1.08 0.00	37.64 1.04 0.00	38.18 1.04 0.00	35.00 1.05 0.00	28.57 0.92 0.00	26.67 0.70 0.00	24.26 0.65 0.00	25.11 0.71 0.00	28.25 0.60 -0.05	28.32 0.41 -2.35	26.22 0.18 0.00	29.25 0.13 0.00	44.76 0.04 0.00	52.81 -0.28 0.00	51.39 0.18 0.00	49.28 0.76 0.00	50.49 1.12 0.00	56.59 0.95 0.00	81.60 0.81 0.00	74.11 0.44 0.00	74.33 0.37 0.00	69.55 -0.29 0.00	55.47 -0.25 0.00
BETHLEHEM___STEEL 23779	41.63 -1.01 0.11	36.68 -0.90 0.00	35.56 -1.01 0.03	35.84 -1.12 0.18	28.77 -0.88 4.30	16.56 -0.73 10.35	14.92 -0.60 10.45	13.98 -0.41 9.22	14.94 -0.34 9.12	18.79 -0.15 8.67	21.34 0.03 4.25	28.19 0.41 -1.75	30.07 0.78 -0.17	46.48 1.76 0.00	55.65 2.57 0.00	53.32 2.11 0.00	50.84 2.32 0.00	50.45 1.70 0.62	58.02 2.38 0.00	85.01 4.22 0.00	78.10 4.44 0.00	77.74 3.79 0.00	73.61 3.76 0.00	57.80 2.08 0.00
BETHLHEM_115KV_TB1 79974	43.96 1.22 0.00	38.69 1.12 0.00	37.67 1.07 0.00	38.22 1.08 0.00	35.03 1.08 0.00	28.60 0.95 0.00	26.72 0.75 0.00	24.31 0.70 0.00	25.16 0.76 0.00	28.30 0.65 -0.04	28.35 0.47 -2.32	26.29 0.25 0.00	29.33 0.21 0.00	44.92 0.19 0.00	53.00 -0.08 0.00	51.56 0.35 0.00	49.42 0.89 0.00	50.63 1.26 0.00	56.77 1.13 0.00	81.89 1.10 0.00	74.34 0.68 0.00	74.57 0.62 0.00	69.80 -0.05 0.00	55.68 -0.04 0.00
BETHPAGE_CC_5 323564	46.33 3.59 0.00	40.68 3.11 0.00	39.28 2.69 0.00	39.51 2.37 0.00	36.36 2.41 0.00	29.71 2.06 0.00	28.01 2.04 0.00	25.67 2.06 0.00	26.60 2.20 0.00	30.07 2.14 -0.32	44.10 1.96 -16.59	27.64 1.60 0.00	30.83 1.72 0.00	47.54 2.81 0.00	55.54 2.46 0.00	54.23 3.02 0.00	52.19 3.67 0.00	54.11 4.74 0.00	60.50 4.86 0.00	86.27 5.63 0.16	76.96 4.10 0.80	78.11 3.63 -0.53	74.59 2.80 -1.94	60.84 2.25 -2.87
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.67 -0.97 0.10	36.72 -0.85 0.00	35.61 -0.96 0.03	35.89 -1.08 0.17	29.05 -0.86 4.05	17.19 -0.72 9.74	15.55 -0.58 9.84	14.54 -0.40 8.67	15.50 -0.31 8.58	19.33 -0.12 8.16	21.68 0.08 3.96	28.29 0.46 -1.79	30.16 0.87 -0.17	46.62 1.89 0.00	55.78 2.69 0.00	53.48 2.27 0.00	50.99 2.46 0.00	50.64 1.85 0.57	58.18 2.54 0.00	85.25 4.46 0.00	78.29 4.63 0.00	77.89 3.94 0.00	73.72 3.88 0.00	57.84 2.11 0.00
BINGHAMTON___COGEN 23790	43.12 0.38 0.00	37.92 0.34 0.00	36.89 0.30 0.00	37.48 0.34 0.00	34.35 0.40 0.00	28.01 0.36 0.00	26.37 0.41 0.00	24.00 0.39 0.00	24.80 0.40 0.00	27.97 0.41 0.05	22.78 0.38 3.15	23.91 0.41 2.53	29.54 0.67 0.25	45.93 1.21 0.00	54.22 1.13 0.00	52.51 1.30 0.00	50.23 1.70 0.00	50.98 1.78 0.17	57.97 2.33 0.00	84.20 3.40 -0.01	76.91 3.10 -0.15	76.92 2.64 -0.33	72.50 2.17 -0.49	56.86 1.14 0.00

BIXINCNT_115KV_LOAD 355685	40.56 -2.12 0.07	36.00 -1.57 0.00	35.07 -1.51 0.02	35.28 -1.74 0.11	29.59 -1.71 2.66	19.77 -1.49 6.39	18.11 -1.40 6.46	16.72 -1.20 5.69	17.68 -1.09 5.63	21.40 -0.85 5.36	22.93 -0.34 2.29	28.34 -0.07 -2.37	30.06 0.71 -0.23	46.61 1.88 0.00	55.52 2.43 0.00	53.33 2.12 0.00	50.60 2.07 0.00	50.11 1.04 0.29	57.71 2.07 0.00	84.79 4.00 0.00	78.19 4.53 0.00	77.61 3.66 0.00	73.11 3.26 0.00	56.80 1.07 0.00
BLACK RIVER___HYD 24047	42.61 -0.13 0.00	37.44 -0.13 0.00	36.73 0.13 0.00	38.58 1.44 0.00	34.83 0.88 0.00	27.63 -0.02 0.00	25.57 -0.39 0.00	23.24 -0.36 0.00	24.10 -0.30 0.00	27.25 -0.36 0.00	25.08 -0.48 0.00	25.37 -0.67 0.00	28.59 -0.53 0.00	44.37 -0.36 0.00	52.89 -0.19 0.00	51.17 -0.04 0.00	-15.35 0.38 64.26	49.37 0.00 0.00	56.83 1.19 0.00	84.94 4.14 -0.01	78.37 4.42 -0.28	78.57 4.00 -0.63	73.55 2.77 -0.93	56.69 0.97 0.00
BLACKRVR_115KV_TB2 79977	42.61 -0.13 0.00	37.44 -0.13 0.00	36.73 0.13 0.00	38.58 1.44 0.00	34.83 0.88 0.00	27.63 -0.02 0.00	25.57 -0.39 0.00	23.24 -0.36 0.00	24.10 -0.30 0.00	27.25 -0.36 0.00	25.08 -0.48 0.00	25.37 -0.67 0.00	28.59 -0.53 0.00	44.37 -0.36 0.00	52.89 -0.19 0.00	51.17 -0.04 0.00	-15.35 0.38 64.26	49.36 -0.01 0.00	56.83 1.19 0.00	84.94 4.13 -0.01	78.37 4.42 -0.28	78.57 4.00 -0.63	73.55 2.77 -0.93	56.69 0.97 0.00
BLDWN_LI_69_KV_BK4 356085	46.50 3.76 0.00	40.82 3.24 0.00	39.43 2.83 0.00	39.68 2.54 0.00	36.49 2.54 0.00	29.83 2.18 0.00	28.11 2.14 0.00	25.74 2.14 0.00	26.67 2.27 0.00	30.18 2.25 -0.32	44.24 2.09 -16.59	27.80 1.76 0.00	31.00 1.88 0.00	47.82 3.09 0.00	55.89 2.80 0.00	54.65 3.44 0.00	52.66 4.13 0.00	54.48 5.11 0.00	60.93 5.29 0.00	87.12 6.33 0.00	78.56 4.89 0.00	83.68 4.59 -5.14	92.54 3.76 -18.93	86.53 2.95 -27.87
BLISS_WT_PWR 323608	40.08 -2.59 0.07	35.67 -1.90 0.00	34.78 -1.79 0.02	34.96 -2.06 0.11	29.23 -2.07 2.66	19.47 -1.78 6.39	17.80 -1.71 6.46	16.42 -1.49 5.69	17.39 -1.37 5.63	21.11 -1.14 5.36	22.77 -0.49 2.29	28.16 -0.25 -2.37	29.94 0.60 -0.23	46.51 1.79 0.00	55.42 2.33 0.00	53.25 2.04 0.00	50.43 1.90 0.00	49.83 0.75 0.29	57.49 1.85 0.00	84.59 3.80 0.00	78.12 4.46 0.00	77.47 3.53 0.00	72.88 3.03 0.00	56.47 0.75 0.00
BLUESTONE___WT_PWR 323821	42.44 -0.30 0.00	37.13 -0.44 0.00	36.17 -0.42 0.00	36.50 -0.64 0.00	33.51 -0.44 0.00	27.34 -0.31 0.00	26.93 0.96 0.00	24.54 0.93 0.00	24.60 0.20 0.00	28.47 0.91 0.05	23.25 0.78 3.09	25.41 0.87 1.50	29.85 0.88 0.15	45.94 1.22 0.00	54.47 1.39 0.00	53.08 1.87 0.00	51.44 2.92 0.00	53.01 3.74 0.10	60.60 4.96 0.00	88.40 7.60 -0.01	80.86 7.07 -0.13	80.16 5.92 -0.28	74.75 4.48 -0.43	58.42 2.70 0.00
BLUE_CIRC_CHEM_DRP 24182	44.18 1.44 0.00	38.87 1.30 0.00	37.86 1.27 0.00	38.44 1.30 0.00	35.24 1.29 0.00	28.78 1.13 0.00	26.93 0.96 0.00	24.47 0.86 0.00	25.29 0.89 0.00	28.43 0.82 0.00	26.18 0.63 0.00	26.47 0.43 0.00	29.49 0.37 0.00	45.17 0.45 0.00	53.40 0.31 0.00	52.01 0.80 0.00	49.74 1.21 0.00	50.94 1.57 0.00	57.24 1.61 0.00	82.69 1.90 0.00	75.14 1.48 0.00	75.36 1.41 0.00	70.66 0.82 0.00	56.32 0.60 0.00
BOC_GAS_DRP 24189	43.95 1.21 0.00	38.67 1.10 0.00	37.65 1.06 0.00	38.21 1.07 0.00	35.03 1.08 0.00	28.62 0.96 0.00	26.81 0.84 0.00	24.39 0.78 0.00	25.22 0.82 0.00	28.38 0.73 -0.04	28.24 0.56 -2.12	26.43 0.39 0.00	29.52 0.40 0.00	45.29 0.56 0.00	53.44 0.35 0.00	51.92 0.71 0.00	49.72 1.19 0.00	50.89 1.52 0.00	57.11 1.47 0.00	82.41 1.62 0.00	74.84 1.17 0.00	75.03 1.08 0.00	70.37 0.52 0.00	56.11 0.39 0.00
BOONVILLE_115KV_TB1 79983	43.14 0.40 0.00	37.94 0.37 0.00	37.04 0.45 0.00	38.25 1.11 0.00	34.79 0.83 0.00	27.89 0.24 0.00	26.00 0.03 0.00	23.66 0.06 0.00	24.50 0.10 0.00	27.69 0.08 0.00	25.61 0.05 0.00	26.06 0.02 0.00	29.31 0.19 0.00	45.34 0.61 0.00	53.85 0.76 0.00	52.08 0.87 0.00	13.61 1.18 36.09	50.40 1.03 0.00	57.39 1.75 0.00	84.23 3.44 -0.01	76.93 3.18 -0.09	76.93 2.80 -0.19	72.21 2.10 -0.27	56.83 1.11 0.00
BORALEX_4TH_BRANCH 23824	44.78 2.04 0.00	39.38 1.80 0.00	38.41 1.81 0.00	38.90 1.76 0.00	35.63 1.68 0.00	29.17 1.52 0.00	27.37 1.41 0.00	24.99 1.38 0.00	25.87 1.47 0.00	29.03 1.36 -0.06	29.85 1.01 -3.29	26.62 0.58 0.00	29.67 0.55 0.00	45.47 0.74 0.00	53.75 0.66 0.00	52.38 1.17 0.00	50.35 1.83 0.00	51.75 2.38 0.00	57.75 2.11 0.00	83.05 2.26 0.00	75.47 1.80 0.00	76.20 2.25 0.00	70.90 1.06 0.00	56.72 0.99 0.00
BOWLINE___1 23526	45.50 2.76 0.00	40.05 2.47 0.00	38.87 2.27 0.00	39.27 2.13 0.00	36.06 2.11 0.00	29.51 1.86 0.00	27.72 1.75 0.00	25.36 1.75 0.00	26.24 1.84 0.00	28.78 1.74 0.57	-3.11 1.42 30.08	27.24 1.20 0.00	30.55 1.43 0.00	47.19 2.46 0.00	55.29 2.20 0.00	53.96 2.75 0.00	52.01 3.48 0.00	53.35 3.98 0.00	59.81 4.17 0.00	85.81 5.02 0.00	77.59 3.92 0.00	77.44 3.49 0.00	72.53 2.69 0.00	57.75 2.03 0.00
BOWLINE___2 23595	45.43 2.70 0.00	40.02 2.44 0.00	38.85 2.25 0.00	39.25 2.11 0.00	36.05 2.10 0.00	29.50 1.85 0.00	27.71 1.75 0.00	25.35 1.74 0.00	26.23 1.83 0.00	28.75 1.71 0.57	-3.16 1.38 30.10	27.19 1.15 0.00	30.50 1.38 0.00	47.10 2.38 0.00	55.20 2.11 0.00	53.88 2.67 0.00	51.92 3.39 0.00	53.26 3.89 0.00	59.71 4.07 0.00	85.67 4.88 0.00	77.46 3.79 0.00	77.32 3.37 0.00	72.41 2.57 0.00	57.67 1.95 0.00
BRADY___115KV_TB2 356060	43.21 0.47 0.00	37.90 0.33 0.00	36.84 0.24 0.00	37.29 0.15 0.00	33.87 -0.09 0.00	27.43 -0.22 0.00	25.76 -0.21 0.00	23.37 -0.24 0.00	24.17 -0.23 0.00	27.43 -0.18 0.00	25.43 -0.13 0.00	26.02 -0.02 0.00	28.91 -0.21 0.00	44.35 -0.38 0.00	53.07 -0.02 0.00	50.86 -0.34 0.00	-275.58 -1.71 322.40	47.20 -2.16 0.00	53.54 -2.09 0.00	78.87 -1.92 0.00	72.90 -0.76 0.00	74.64 0.69 0.00	71.00 1.16 0.00	56.94 1.22 0.00
BRANSCOMB___SOLAR 323811	45.18 2.43 0.00	39.64 2.07 0.00	38.63 2.04 0.00	39.16 2.02 0.00	35.88 1.93 0.00	29.32 1.67 0.00	27.48 1.51 0.00	25.06 1.45 0.00	25.96 1.57 0.00	29.22 1.57 -0.05	29.16 1.21 -2.39	26.93 0.89 0.00	30.07 0.96 0.00	46.26 1.53 0.00	54.78 1.70 0.00	53.30 2.09 0.00	51.39 2.87 0.00	52.55 3.18 0.00	59.03 3.39 0.00	85.34 4.54 0.00	77.67 4.01 0.00	78.05 4.10 0.00	72.74 2.90 0.00	57.99 2.27 0.00
BRDGHMPT_69_KV_BK1 55812	46.25 3.51 0.00	40.45 2.88 0.00	38.95 2.36 0.00	39.08 1.94 0.00	35.97 2.02 0.00	29.41 1.76 0.00	27.79 1.82 0.00	25.52 1.91 0.00	26.53 2.13 0.00	30.01 2.09 -0.32	44.19 2.03 -16.59	27.65 1.61 0.00	30.89 1.77 0.00	47.79 3.06 0.00	56.01 2.93 0.00	54.88 3.68 0.00	52.88 4.36 0.00	55.28 5.91 0.00	61.81 6.16 0.00	87.71 7.13 0.22	77.41 4.85 1.10	77.55 4.56 0.96	70.40 4.11 3.55	53.72 3.21 5.21



BRENTWOD_69_KV_W. BRTWOOD 56703	46.61 3.87 0.00	40.91 3.34 0.00	39.46 2.87 0.00	39.66 2.52 0.00	36.52 2.57 0.00	29.83 2.18 0.00	28.18 2.21 0.00	25.81 2.21 0.00	26.76 2.36 0.00	30.22 2.30 -0.32	44.36 2.22 -16.59	27.87 1.83 0.00	31.08 1.96 0.00	48.00 3.27 0.00	56.02 2.93 0.00	54.72 3.51 0.00	52.45 3.92 0.00	54.55 5.19 0.00	60.98 5.34 0.00	86.79 6.21 0.21	77.09 4.49 1.06	76.94 3.80 0.81	69.94 3.10 2.99	53.90 2.58 4.40
BRISTLHL_115KV_TB1 79998	41.96 -0.78 0.00	36.91 -0.66 0.00	36.04 -0.55 0.00	36.62 -0.52 0.00	33.52 -0.43 0.00	27.31 -0.34 0.00	25.65 -0.31 0.00	23.33 -0.28 0.00	24.10 -0.30 0.00	27.24 -0.37 0.00	25.22 -0.33 0.00	25.70 -0.34 0.00	28.82 -0.29 0.00	44.41 -0.32 0.00	52.69 -0.39 0.00	50.92 -0.29 0.00	39.87 0.01 8.66	49.52 0.15 0.00	55.99 0.35 0.00	81.40 0.58 -0.03	74.90 0.57 -0.66	75.60 0.17 -1.47	71.85 -0.20 -2.21	55.21 -0.51 0.00
BROOKHAVEN___DRP 24191	46.04 3.30 0.00	40.37 2.80 0.00	38.92 2.33 0.00	39.08 1.94 0.00	35.99 2.04 0.00	29.44 1.79 0.00	27.80 1.83 0.00	25.49 1.88 0.00	26.44 2.04 0.00	29.84 1.91 -0.32	44.00 1.85 -16.59	27.48 1.45 0.00	30.64 1.52 0.00	47.28 2.56 0.00	55.29 2.20 0.00	54.12 2.91 0.00	52.03 3.51 0.00	54.25 4.88 0.00	60.66 5.02 0.00	86.25 5.68 0.22	76.41 3.84 1.10	76.14 3.16 0.96	68.69 2.40 3.56	52.40 1.90 5.23
BROOKLYN_NAVY_YARD 23515	45.87 3.13 0.00	40.32 2.75 0.00	39.09 2.50 0.00	39.46 2.32 0.00	36.24 2.29 0.00	29.71 2.06 0.00	27.93 1.96 0.00	25.57 1.97 0.00	26.45 2.05 0.00	29.92 2.00 -0.32	43.92 1.71 -16.65	27.53 1.49 0.00	30.85 1.73 0.00	47.56 2.83 0.00	55.67 2.59 0.00	54.33 3.12 0.00	52.40 3.88 0.00	53.68 4.31 0.00	60.21 4.58 0.00	86.40 5.49 -0.12	78.68 4.39 -0.62	77.87 3.92 0.00	72.89 3.05 0.00	58.23 2.51 0.00
BROOKLYN___ARMY_DRP 323595	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
BROOME_2_LFGE 323671	43.12 0.38 0.00	37.92 0.34 0.00	36.89 0.30 0.00	37.48 0.34 0.00	34.35 0.40 0.00	28.01 0.36 0.00	26.37 0.40 0.00	24.00 0.39 0.00	24.80 0.40 0.00	27.96 0.40 0.05	22.79 0.38 3.15	23.92 0.41 2.53	29.55 0.67 0.25	45.93 1.21 0.00	54.22 1.13 0.00	52.51 1.30 0.00	50.23 1.70 0.00	50.98 1.78 0.17	57.97 2.33 0.00	84.21 3.41 -0.01	76.90 3.09 -0.15	76.92 2.64 -0.33	72.50 2.17 -0.49	56.85 1.13 0.00
BROOME___LFGE 323600	43.12 0.38 0.00	37.92 0.34 0.00	36.89 0.30 0.00	37.48 0.34 0.00	34.35 0.40 0.00	28.01 0.36 0.00	26.37 0.40 0.00	24.00 0.39 0.00	24.80 0.40 0.00	27.96 0.40 0.05	22.79 0.38 3.15	23.92 0.41 2.53	29.55 0.67 0.25	45.93 1.21 0.00	54.22 1.13 0.00	52.51 1.30 0.00	50.23 1.70 0.00	50.98 1.78 0.17	57.97 2.33 0.00	84.21 3.41 -0.01	76.90 3.09 -0.15	76.92 2.64 -0.33	72.50 2.17 -0.49	56.85 1.13 0.00
BROWNFLS_115KV_TB 3_5 80003	42.44 -0.30 0.00	37.27 -0.31 0.00	36.38 -0.21 0.00	37.62 0.48 0.00	34.05 0.10 0.00	27.19 -0.46 0.00	25.34 -0.62 0.00	22.98 -0.63 0.00	23.79 -0.61 0.00	26.98 -0.63 0.00	24.95 -0.61 0.00	25.40 -0.64 0.00	28.45 -0.66 0.00	43.97 -0.76 0.00	52.50 -0.59 0.00	50.50 -0.71 0.00	-119.52 -1.16 166.88	47.79 -1.58 0.00	54.61 -1.03 0.00	80.76 -0.03 -0.01	74.38 0.61 -0.12	75.33 1.12 -0.25	71.13 0.91 -0.38	56.06 0.34 0.00
BROWNSV1_27_KV_LOAD 356125	46.56 3.82 0.00	40.92 3.34 0.00	39.64 3.05 0.00	40.01 2.87 0.00	36.73 2.78 0.00	30.09 2.44 0.00	28.27 2.31 0.00	25.90 2.30 0.00	26.82 2.42 0.00	30.34 2.42 -0.32	44.32 2.10 -16.65	27.95 1.91 0.00	31.30 2.18 0.00	48.32 3.60 0.00	56.59 3.50 0.00	55.24 4.03 0.00	53.30 4.78 0.00	54.63 5.26 0.00	61.21 5.58 0.00	87.70 6.91 0.00	79.23 5.57 0.00	79.09 5.14 0.00	74.00 4.16 0.00	59.10 3.38 0.00
BURROWS___LYONSDAL 23803	42.78 0.04 0.00	37.63 0.06 0.00	36.79 0.19 0.00	38.24 1.09 0.00	34.72 0.77 0.00	27.70 0.05 0.00	25.75 -0.21 0.00	23.43 -0.18 0.00	24.26 -0.14 0.00	27.42 -0.19 0.00	25.35 -0.21 0.00	25.78 -0.26 0.00	29.03 -0.09 0.00	45.00 0.27 0.00	53.49 0.41 0.00	51.70 0.49 0.00	2.10 0.82 47.24	49.94 0.57 0.00	56.99 1.35 0.00	83.94 3.14 -0.01	76.79 3.02 -0.10	76.84 2.67 -0.23	72.08 1.91 -0.33	56.57 0.85 0.00
CAITHNESS_CC_1 323624	46.04 3.30 0.00	40.39 2.82 0.00	38.95 2.36 0.00	39.12 1.98 0.00	36.03 2.08 0.00	29.45 1.80 0.00	27.82 1.86 0.00	25.51 1.90 0.00	26.45 2.05 0.00	29.84 1.92 -0.32	44.00 1.85 -16.59	27.48 1.44 0.00	30.66 1.54 0.00	47.28 2.56 0.00	55.28 2.19 0.00	54.07 2.86 0.00	51.96 3.43 0.00	54.13 4.76 0.00	60.51 4.87 0.00	86.03 5.46 0.22	76.19 3.63 1.11	75.97 2.99 0.97	68.53 2.26 3.57	52.31 1.84 5.25
CALPINE BETH_PAGE_GT4 24209	46.36 3.62 0.00	40.71 3.14 0.00	39.31 2.71 0.00	39.55 2.41 0.00	36.39 2.44 0.00	29.74 2.09 0.00	28.04 2.07 0.00	25.69 2.08 0.00	26.62 2.22 0.00	30.09 2.16 -0.32	44.07 1.92 -16.59	27.62 1.58 0.00	30.82 1.70 0.00	47.53 2.81 0.00	55.54 2.46 0.00	54.26 3.05 0.00	52.24 3.72 0.00	54.13 4.76 0.00	60.54 4.90 0.00	86.40 5.73 0.13	77.27 4.26 0.65	78.85 3.72 -1.18	77.07 2.88 -4.35	64.40 2.28 -6.40
CALPINE_BETH_PAGE_GT_4 323586	46.36 3.62 0.00	40.72 3.14 0.00	39.31 2.72 0.00	39.55 2.41 0.00	36.39 2.44 0.00	29.74 2.09 0.00	28.04 2.07 0.00	25.68 2.08 0.00	26.62 2.22 0.00	30.09 2.16 -0.32	44.08 1.93 -16.59	27.61 1.57 0.00	30.82 1.70 0.00	47.54 2.81 0.00	55.54 2.46 0.00	54.26 3.05 0.00	52.24 3.72 0.00	54.12 4.75 0.00	60.54 4.90 0.00	86.38 5.71 0.13	77.19 4.18 0.65	78.85 3.72 -1.18	77.07 2.88 -4.35	64.41 2.29 -6.40
CALPINE_BP_GT1 23823	46.36 3.62 0.00	40.72 3.14 0.00	39.31 2.72 0.00	39.55 2.41 0.00	36.39 2.44 0.00	29.74 2.09 0.00	28.04 2.07 0.00	25.68 2.08 0.00	26.62 2.22 0.00	30.09 2.16 -0.32	44.08 1.93 -16.59	27.61 1.57 0.00	30.82 1.70 0.00	47.54 2.81 0.00	55.54 2.46 0.00	54.26 3.05 0.00	52.24 3.72 0.00	54.12 4.75 0.00	60.54 4.90 0.00	86.38 5.71 0.13	77.19 4.18 0.65	78.85 3.72 -1.18	77.07 2.88 -4.35	64.41 2.29 -6.40
CALSPAN___DRP 24200	41.63 -1.01 0.11	36.68 -0.90 0.00	35.56 -1.01 0.03	35.84 -1.12 0.18	28.77 -0.88 4.30	16.56 -0.73 10.35	14.92 -0.60 10.45	13.98 -0.41 9.22	14.94 -0.34 9.12	18.79 -0.15 8.67	21.34 0.03 4.25	28.19 0.41 -1.75	30.07 0.78 -0.17	46.48 1.76 0.00	55.65 2.57 0.00	53.32 2.11 0.00	50.84 2.32 0.00	50.45 1.70 0.62	58.02 2.38 0.00	85.01 4.22 0.00	78.10 4.44 0.00	77.74 3.79 0.00	73.61 3.76 0.00	57.80 2.08 0.00

CALVERTON___SOLAR 323806	46.06 3.32 0.00	40.38 2.81 0.00	38.92 2.33 0.00	39.07 1.94 0.00	35.98 2.03 0.00	29.42 1.77 0.00	27.79 1.83 0.00	25.49 1.88 0.00	26.45 2.05 0.00	29.86 1.93 -0.32	44.02 1.87 -16.59	27.47 1.43 0.00	30.65 1.53 0.00	47.31 2.59 0.00	55.37 2.28 0.00	54.23 3.02 0.00	52.16 3.63 0.00	54.44 5.06 0.00	60.88 5.24 0.00	86.53 5.95 0.22	76.57 4.01 1.10	76.37 3.39 0.96	68.92 2.63 3.55	52.58 2.07 5.22
CANDIGU_WT_PWR 323617	40.33 -1.72 0.69	36.04 -1.54 0.00	34.90 -1.47 0.22	34.42 -1.56 1.16	4.83 -1.39 27.73	-40.14 -1.07 66.72	-42.33 -0.92 67.37	-36.61 -0.83 59.40	-35.27 -0.88 58.79	-29.23 -0.94 55.90	-14.87 -0.62 39.81	-5.20 -0.43 30.81	26.13 0.03 3.02	45.39 0.66 0.00	53.78 0.69 0.00	51.57 0.36 0.00	48.84 0.31 0.00	42.38 -0.13 6.86	56.61 0.97 0.00	83.54 2.75 0.00	77.36 3.60 -0.09	77.05 2.90 -0.19	72.44 2.31 -0.29	56.47 0.75 0.00
CARR STREET_E_SYR 24060	42.49 -0.25 0.00	37.38 -0.20 0.00	36.47 -0.12 0.00	37.03 -0.11 0.00	33.92 -0.04 0.00	27.62 -0.03 0.00	25.95 -0.01 0.00	23.61 0.00 0.00	24.40 0.00 0.00	27.57 -0.04 0.00	25.55 -0.01 0.00	26.08 0.04 0.00	29.26 0.14 0.00	45.08 0.35 0.00	53.45 0.36 0.00	51.64 0.43 0.00	41.49 0.78 7.81	50.26 0.89 0.00	56.85 1.21 0.00	82.69 1.88 -0.01	75.55 1.68 -0.20	75.75 1.35 -0.45	71.39 0.88 -0.67	56.05 0.33 0.00
CARTHAGE___PAPER 23857	42.67 -0.07 0.00	37.48 -0.09 0.00	36.74 0.14 0.00	38.54 1.40 0.00	34.83 0.88 0.00	27.60 -0.05 0.00	25.59 -0.38 0.00	23.22 -0.39 0.00	24.07 -0.33 0.00	27.21 -0.40 0.00	25.05 -0.51 0.00	25.37 -0.67 0.00	28.58 -0.54 0.00	44.31 -0.41 0.00	52.86 -0.23 0.00	51.05 -0.16 0.00	-26.66 0.15 75.34	49.09 -0.28 0.00	56.52 0.88 0.00	84.32 3.52 -0.01	77.75 3.85 -0.24	78.11 3.63 -0.53	73.24 2.61 -0.79	56.75 1.03 0.00
CASSADAGA_WT_PWR 323784	40.44 -2.23 0.07	35.55 -2.02 0.00	34.85 -1.73 0.02	35.50 -1.53 0.11	29.85 -1.42 2.68	20.19 -1.02 6.44	18.67 -0.79 6.50	17.27 -0.60 5.73	18.04 -0.69 5.67	21.56 -0.65 5.39	22.82 -0.49 2.24	28.36 -0.07 -2.40	29.88 0.52 -0.23	46.76 2.03 0.00	56.30 3.22 0.00	54.41 3.20 0.00	51.88 3.36 0.00	51.48 2.40 0.30	59.05 3.41 0.00	85.57 4.78 0.00	79.32 5.66 0.00	79.37 5.43 0.00	75.38 5.54 0.00	58.75 3.02 0.00
CE_DUNWOOD___DRP 24194	45.78 3.04 0.00	40.26 2.69 0.00	39.06 2.46 0.00	39.45 2.31 0.00	36.22 2.27 0.00	29.65 2.00 0.00	27.86 1.89 0.00	25.50 1.89 0.00	26.38 1.98 0.00	29.86 1.92 -0.33	44.35 1.63 -17.16	27.44 1.40 0.00	30.74 1.63 0.00	47.43 2.70 0.00	55.58 2.49 0.00	54.21 3.00 0.00	52.25 3.73 0.00	53.62 4.25 0.00	60.09 4.46 0.00	86.20 5.41 0.00	77.91 4.25 0.00	77.78 3.83 0.00	72.80 2.96 0.00	58.05 2.33 0.00
CE_MILLWOOD___DRP 24193	45.67 2.93 0.00	40.18 2.60 0.00	38.99 2.39 0.00	39.38 2.24 0.00	36.16 2.21 0.00	29.59 1.94 0.00	27.81 1.84 0.00	25.44 1.83 0.00	26.32 1.93 0.00	29.80 1.86 -0.33	44.53 1.56 -17.41	27.37 1.33 0.00	30.68 1.56 0.00	47.33 2.60 0.00	55.46 2.37 0.00	54.10 2.89 0.00	52.15 3.62 0.00	53.51 4.13 0.00	59.97 4.33 0.00	86.05 5.26 0.00	77.79 4.12 0.00	77.65 3.70 0.00	72.71 2.87 0.00	57.94 2.21 0.00
CE_NYC2_DRP 24202	46.00 3.26 0.00	40.47 2.90 0.00	39.21 2.61 0.00	39.58 2.44 0.00	36.39 2.44 0.00	29.83 2.18 0.00	28.01 2.04 0.00	25.65 2.04 0.00	26.55 2.15 0.00	30.03 2.10 -0.32	43.98 1.78 -16.64	27.61 1.57 0.00	30.90 1.79 0.00	47.63 2.91 0.00	55.61 2.52 0.00	54.24 3.03 0.00	52.33 3.81 0.00	53.56 4.19 0.00	54.08 4.31 5.88	63.71 5.02 22.10	55.42 3.85 22.10	62.65 3.39 14.69	61.90 2.54 10.47	57.91 2.19 0.00
CE_NYC_DRP 24195	46.06 3.33 0.00	40.50 2.93 0.00	39.25 2.66 0.00	39.63 2.49 0.00	36.39 2.44 0.00	29.82 2.16 0.00	28.02 2.05 0.00	25.67 2.06 0.00	26.57 2.17 0.00	30.05 2.12 -0.32	44.04 1.83 -16.66	27.66 1.62 0.00	30.95 1.84 0.00	47.76 3.03 0.00	55.91 2.83 0.00	54.55 3.33 0.00	52.62 4.10 0.00	53.90 4.54 0.00	60.39 4.75 0.00	86.46 5.67 0.00	78.11 4.45 0.00	77.93 3.98 0.00	72.93 3.09 0.00	58.28 2.56 0.00
CHAFFEE___LFGE 323603	41.86 -0.79 0.09	36.88 -0.69 0.00	35.74 -0.82 0.03	36.07 -0.92 0.14	29.79 -0.69 3.47	18.75 -0.55 8.35	17.10 -0.44 8.43	15.91 -0.26 7.43	16.86 -0.18 7.36	20.63 0.02 6.99	22.51 0.21 3.26	28.67 0.56 -2.07	30.28 0.95 -0.20	46.76 2.03 0.00	55.94 2.86 0.00	53.63 2.42 0.00	51.18 2.65 0.00	51.01 2.10 0.45	58.48 2.84 0.00	85.67 4.88 0.00	78.66 5.00 0.00	78.23 4.28 0.00	74.04 4.19 0.00	58.06 2.34 0.00
CHATEAUG_35_KV_LOAD 355732	41.88 -0.86 0.00	36.45 -1.13 0.00	35.25 -1.35 0.00	35.62 -1.52 0.00	32.43 -1.53 0.00	26.38 -1.27 0.00	24.91 -1.06 0.00	22.54 -1.07 0.00	23.36 -1.04 0.00	26.71 -0.90 0.00	24.96 -0.60 0.00	25.72 -0.32 0.00	28.60 -0.52 0.00	43.79 -0.94 0.00	52.51 -0.57 0.00	50.63 -0.58 0.00	24.99 -1.20 22.33	47.52 -1.84 0.00	53.62 -2.02 0.00	79.01 -1.78 0.00	72.89 -0.77 0.00	73.83 -0.12 0.00	70.26 0.41 0.00	56.56 0.84 0.00
CHATEAUG_WT_PWR 323614	41.89 -0.85 0.00	36.41 -1.17 0.00	25.21 -1.44 9.94	30.49 -1.61 5.04	32.39 -1.56 0.00	26.35 -1.30 0.00	24.88 -1.08 0.00	22.52 -1.09 0.00	23.33 -1.07 0.00	26.69 -0.92 0.00	24.97 -0.59 0.00	25.74 -0.30 0.00	28.66 -0.46 0.00	43.89 -0.84 0.00	52.59 -0.50 0.00	50.76 -0.45 0.00	47.49 -1.03 0.00	47.71 -1.66 0.00	53.84 -1.80 0.00	79.10 -1.69 0.00	72.85 -0.81 0.00	73.76 -0.19 0.00	70.11 0.27 0.00	56.46 0.74 0.00
CHAT_HIGH_FALL_HYD 323578	41.88 -0.86 0.00	36.45 -1.13 0.00	35.25 -1.35 0.00	35.62 -1.52 0.00	32.43 -1.53 0.00	26.38 -1.27 0.00	24.91 -1.06 0.00	22.54 -1.07 0.00	23.36 -1.04 0.00	26.71 -0.90 0.00	24.96 -0.60 0.00	25.72 -0.32 0.00	28.60 -0.52 0.00	43.79 -0.94 0.00	52.51 -0.57 0.00	50.63 -0.58 0.00	24.99 -1.20 22.33	47.52 -1.84 0.00	53.62 -2.02 0.00	79.01 -1.78 0.00	72.89 -0.77 0.00	73.83 -0.12 0.00	70.26 0.41 0.00	56.56 0.84 0.00
CHAUTAUQUA___LFGE 323629	41.29 -1.36 0.08	36.34 -1.23 0.00	35.36 -1.21 0.03	35.87 -1.13 0.14	29.69 -0.95 3.32	18.94 -0.74 7.98	17.32 -0.59 8.05	16.09 -0.41 7.10	16.96 -0.41 7.03	20.59 -0.34 6.68	22.31 -0.20 3.05	28.10 0.14 -1.92	29.97 0.66 -0.19	46.65 1.92 0.00	55.91 2.83 0.00	53.95 2.74 0.00	51.52 3.00 0.00	51.12 2.19 0.44	58.65 3.01 0.00	85.47 4.67 0.00	78.84 5.17 0.00	78.72 4.77 0.00	74.66 4.82 0.00	58.31 2.59 0.00
CHERRYST_13_KV_LD 356241	46.21 3.47 0.00	40.62 3.04 0.00	39.37 2.78 0.00	39.75 2.61 0.00	36.49 2.54 0.00	29.90 2.25 0.00	28.10 2.14 0.00	25.75 2.14 0.00	26.65 2.25 0.00	30.15 2.22 -0.32	44.13 1.92 -16.66	27.75 1.71 0.00	31.06 1.95 0.00	47.94 3.21 0.00	56.14 3.05 0.00	54.77 3.56 0.00	52.84 4.31 0.00	54.13 4.76 0.00	60.64 5.00 0.00	86.82 6.03 0.00	78.43 4.76 0.00	78.24 4.29 0.00	73.22 3.38 0.00	58.49 2.77 0.00



CORONA__69_KV_TB1 355595	46.55 3.81 0.00	40.86 3.28 0.00	39.48 2.89 0.00	39.79 2.65 0.00	36.58 2.63 0.00	29.90 2.25 0.00	28.16 2.20 0.00	25.78 2.17 0.00	26.71 2.31 0.00	30.21 2.28 -0.32	44.25 2.10 -16.59	27.84 1.80 0.00	31.16 2.04 0.00	48.00 3.28 0.00	56.13 3.05 0.00	54.85 3.64 0.00	52.83 4.30 0.00	54.57 5.20 0.00	60.98 5.34 0.00	87.56 6.51 -0.25	80.03 5.08 -1.29	89.41 4.64 -10.82	113.49 3.80 -39.84	117.35 2.97 -58.66
CORTLAND__115KV_TB3 80093	43.32 0.58 0.00	38.07 0.50 0.00	37.09 0.49 0.00	37.68 0.54 0.00	34.52 0.57 0.00	28.09 0.44 0.00	26.41 0.45 0.00	24.05 0.44 0.00	24.86 0.46 0.00	28.10 0.49 0.00	26.03 0.47 0.00	26.54 0.50 0.00	29.84 0.72 0.00	45.95 1.23 0.00	54.33 1.25 0.00	52.43 1.22 0.00	43.28 1.61 6.86	51.12 1.75 0.00	58.07 2.43 0.00	84.65 3.85 -0.01	77.42 3.54 -0.21	77.51 3.09 -0.47	72.98 2.44 -0.70	57.16 1.44 0.00
COXSACKIE__GT 23611	45.87 3.13 0.00	40.25 2.68 0.00	39.15 2.56 0.00	39.69 2.55 0.00	36.37 2.42 0.00	29.69 2.04 0.00	27.78 1.81 0.00	25.31 1.70 0.00	26.23 1.83 0.00	29.44 1.83 0.00	27.17 1.62 0.00	27.34 1.30 0.00	30.22 1.10 0.00	46.33 1.60 0.00	54.84 1.75 0.00	53.83 2.61 0.00	51.58 3.05 0.00	53.41 4.03 0.00	60.40 4.76 0.00	87.38 6.59 0.00	79.39 5.72 0.00	79.42 5.47 0.00	74.12 4.28 0.00	58.74 3.02 0.00
CPV_VALLEY__CC1 323721	44.95 2.21 0.00	39.57 2.00 0.00	38.42 1.83 0.00	38.86 1.73 0.00	35.68 1.73 0.00	29.17 1.52 0.00	27.40 1.44 0.00	25.05 1.44 0.00	25.91 1.51 0.00	28.64 1.42 0.38	6.54 1.16 20.18	26.98 0.94 0.00	30.25 1.13 0.00	46.62 1.89 0.00	54.70 1.62 0.00	53.32 2.11 0.00	51.33 2.81 0.00	52.65 3.28 0.00	59.07 3.43 0.00	84.92 4.13 0.00	76.85 3.18 0.00	76.74 2.79 0.00	71.93 2.09 0.00	57.25 1.53 0.00
CPV_VALLEY__CC2 323722	44.95 2.21 0.00	39.57 2.00 0.00	38.42 1.83 0.00	38.86 1.73 0.00	35.68 1.73 0.00	29.17 1.52 0.00	27.40 1.44 0.00	25.05 1.44 0.00	25.91 1.51 0.00	28.64 1.42 0.38	6.54 1.16 20.18	26.98 0.94 0.00	30.25 1.13 0.00	46.62 1.89 0.00	54.70 1.62 0.00	53.32 2.11 0.00	51.33 2.81 0.00	52.65 3.28 0.00	59.07 3.43 0.00	84.92 4.13 0.00	76.85 3.18 0.00	76.74 2.79 0.00	71.93 2.09 0.00	57.25 1.53 0.00
CRESCENT__HYD 24018	44.54 1.80 0.00	39.14 1.57 0.00	38.15 1.55 0.00	38.66 1.52 0.00	35.42 1.47 0.00	28.96 1.31 0.00	27.15 1.18 0.00	24.73 1.13 0.00	25.61 1.21 0.00	28.80 1.14 -0.05	29.06 0.88 -2.62	26.64 0.60 0.00	29.74 0.62 0.00	45.63 0.91 0.00	53.94 0.86 0.00	52.47 1.25 0.00	50.41 1.89 0.00	51.66 2.29 0.00	57.87 2.23 0.00	83.46 2.67 0.00	75.88 2.22 0.00	76.26 2.31 0.00	71.18 1.34 0.00	56.81 1.09 0.00
CRICKET__VALLEY_CC1 323756	45.00 2.26 0.00	39.60 2.03 0.00	38.54 1.95 0.00	38.94 1.80 0.00	35.74 1.79 0.00	29.24 1.59 0.00	27.46 1.49 0.00	25.10 1.49 0.00	25.99 1.59 0.00	29.29 1.50 -0.18	36.39 1.22 -9.62	26.97 0.93 0.00	30.16 1.04 0.00	46.36 1.64 0.00	54.39 1.31 0.00	53.03 1.82 0.00	51.19 2.67 0.00	52.67 3.30 0.00	58.97 3.33 0.00	84.61 3.82 0.00	76.49 2.83 0.00	76.49 2.53 0.00	71.44 1.59 0.00	56.91 1.19 0.00
CRICKET__VALLEY_CC2 323757	45.00 2.26 0.00	39.60 2.03 0.00	38.54 1.95 0.00	38.94 1.80 0.00	35.74 1.79 0.00	29.24 1.59 0.00	27.46 1.49 0.00	25.10 1.49 0.00	25.99 1.59 0.00	29.29 1.50 -0.18	36.39 1.22 -9.62	26.97 0.93 0.00	30.16 1.04 0.00	46.36 1.64 0.00	54.39 1.31 0.00	53.03 1.82 0.00	51.19 2.67 0.00	52.67 3.30 0.00	58.97 3.33 0.00	84.61 3.82 0.00	76.49 2.83 0.00	76.49 2.53 0.00	71.44 1.59 0.00	56.91 1.19 0.00
CRICKET__VALLEY_CC3 323758	45.00 2.26 0.00	39.60 2.03 0.00	38.54 1.95 0.00	38.94 1.80 0.00	35.74 1.79 0.00	29.24 1.59 0.00	27.46 1.49 0.00	25.10 1.49 0.00	25.99 1.59 0.00	29.29 1.50 -0.18	36.39 1.22 -9.62	26.97 0.93 0.00	30.16 1.04 0.00	46.36 1.64 0.00	54.39 1.31 0.00	53.03 1.82 0.00	51.19 2.67 0.00	52.67 3.30 0.00	58.97 3.33 0.00	84.61 3.82 0.00	76.49 2.83 0.00	76.49 2.53 0.00	71.44 1.59 0.00	56.91 1.19 0.00
CRUCIBLE_METL_DRP 24180	42.74 0.00 0.00	37.57 0.00 0.00	36.66 0.07 0.00	37.22 0.08 0.00	34.09 0.14 0.00	27.76 0.11 0.00	26.10 0.13 0.00	23.74 0.14 0.00	24.54 0.14 0.00	27.73 0.12 0.00	25.68 0.12 0.00	26.21 0.17 0.00	29.42 0.30 0.00	45.33 0.60 0.00	53.72 0.64 0.00	51.94 0.73 0.00	43.03 1.09 6.58	50.54 1.17 0.00	57.17 1.53 0.00	83.20 2.39 -0.02	76.20 2.17 -0.37	76.58 1.82 -0.81	72.34 1.28 -1.21	56.38 0.66 0.00
DAHOWA__HYDRO 323763	45.38 2.64 0.00	39.82 2.24 0.00	38.80 2.21 0.00	39.32 2.19 0.00	36.03 2.08 0.00	29.44 1.78 0.00	27.60 1.63 0.00	25.17 1.56 0.00	26.09 1.69 0.00	29.37 1.71 -0.05	29.23 1.33 -2.35	27.02 0.98 0.00	30.17 1.06 0.00	46.42 1.69 0.00	54.99 1.91 0.00	53.51 2.30 0.00	51.69 3.16 0.00	52.84 3.47 0.00	59.41 3.77 0.00	85.88 5.09 0.00	78.17 4.51 0.00	78.58 4.63 0.00	73.17 3.33 0.00	58.30 2.58 0.00
DANC__LFGE 323619	42.07 -0.67 0.00	36.99 -0.59 0.00	36.26 -0.34 0.00	37.75 0.62 0.00	34.23 0.28 0.00	27.37 -0.28 0.00	25.42 -0.55 0.00	23.12 -0.48 0.00	23.94 -0.46 0.00	27.05 -0.56 0.00	24.98 -0.58 0.00	25.39 -0.64 0.00	28.58 -0.54 0.00	44.28 -0.45 0.00	52.66 -0.43 0.00	50.85 -0.36 0.00	8.81 0.00 39.71	49.13 -0.24 0.00	56.15 0.52 0.00	83.07 2.26 -0.02	76.48 2.44 -0.38	76.85 2.06 -0.84	72.13 1.03 -1.26	55.63 -0.10 0.00
DANSKAMMER__1 23586	45.98 3.24 0.00	40.41 2.84 0.00	39.22 2.63 0.00	39.65 2.51 0.00	36.39 2.44 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.58 1.97 0.00	26.47 2.07 0.00	29.67 2.06 0.00	27.31 1.75 0.00	27.55 1.52 0.00	30.89 1.78 0.00	47.65 2.92 0.00	55.99 2.90 0.00	54.62 3.41 0.00	52.74 4.22 0.00	54.20 4.83 0.00	60.80 5.16 0.00	87.34 6.55 0.00	78.98 5.31 0.00	78.83 4.88 0.00	73.71 3.86 0.00	58.59 2.86 0.00
DANSKAMMER__2 23589	45.98 3.24 0.00	40.41 2.84 0.00	39.22 2.63 0.00	39.65 2.51 0.00	36.39 2.44 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.58 1.97 0.00	26.47 2.07 0.00	29.67 2.06 0.00	27.31 1.75 0.00	27.55 1.52 0.00	30.89 1.78 0.00	47.65 2.92 0.00	55.99 2.90 0.00	54.62 3.41 0.00	52.74 4.22 0.00	54.20 4.83 0.00	60.80 5.16 0.00	87.34 6.55 0.00	78.98 5.31 0.00	78.83 4.88 0.00	73.71 3.86 0.00	58.59 2.86 0.00
DANSKAMMER__3 23590	45.98 3.24 0.00	40.41 2.84 0.00	39.22 2.63 0.00	39.65 2.51 0.00	36.39 2.44 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.58 1.97 0.00	26.47 2.07 0.00	29.67 2.06 0.00	27.31 1.75 0.00	27.55 1.52 0.00	30.89 1.78 0.00	47.65 2.92 0.00	55.99 2.90 0.00	54.62 3.41 0.00	52.74 4.22 0.00	54.20 4.83 0.00	60.80 5.16 0.00	87.34 6.55 0.00	78.98 5.31 0.00	78.83 4.88 0.00	73.71 3.86 0.00	58.59 2.86 0.00

DANSKAMMER___4 23591	45.98 3.24 0.00	40.41 2.84 0.00	39.22 2.63 0.00	39.65 2.51 0.00	36.39 2.44 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.58 1.97 0.00	26.47 2.07 0.00	29.67 2.06 0.00	27.31 1.75 0.00	27.55 1.52 0.00	30.89 1.78 0.00	47.65 2.92 0.00	55.99 2.90 0.00	54.62 3.41 0.00	52.74 4.22 0.00	54.20 4.83 0.00	60.80 5.16 0.00	87.34 6.55 0.00	78.98 5.31 0.00	78.83 4.88 0.00	73.71 3.86 0.00	58.59 2.86 0.00
DANSKAMMER___DIESEL 23592	45.97 3.24 0.00	40.41 2.84 0.00	39.22 2.63 0.00	39.65 2.51 0.00	36.39 2.44 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.58 1.97 0.00	26.47 2.07 0.00	29.67 2.06 0.00	27.30 1.75 0.00	27.55 1.52 0.00	30.89 1.78 0.00	47.65 2.92 0.00	55.99 2.90 0.00	54.62 3.41 0.00	52.75 4.22 0.00	54.20 4.83 0.00	60.80 5.16 0.00	87.35 6.56 0.00	78.98 5.32 0.00	78.83 4.88 0.00	73.71 3.87 0.00	58.58 2.86 0.00
DARBY___SOLAR 323810	45.21 2.47 0.00	39.67 2.10 0.00	38.66 2.06 0.00	39.18 2.05 0.00	35.89 1.94 0.00	29.33 1.68 0.00	27.49 1.53 0.00	25.07 1.46 0.00	25.98 1.58 0.00	29.24 1.58 -0.05	29.17 1.22 -2.39	26.93 0.90 0.00	30.07 0.96 0.00	46.28 1.55 0.00	54.79 1.71 0.00	53.31 2.10 0.00	51.42 2.90 0.00	52.60 3.23 0.00	59.10 3.46 0.00	85.44 4.65 0.00	77.75 4.08 0.00	78.14 4.19 0.00	72.80 2.96 0.00	58.03 2.31 0.00
DASHVILLE___HYD 23610	45.47 2.74 0.00	39.97 2.40 0.00	38.82 2.22 0.00	39.25 2.12 0.00	36.03 2.08 0.00	29.47 1.82 0.00	27.70 1.74 0.00	25.32 1.71 0.00	26.21 1.81 0.00	29.28 1.76 0.09	22.33 1.49 4.72	27.30 1.26 0.00	30.62 1.50 0.00	47.14 2.42 0.00	55.39 2.30 0.00	53.96 2.75 0.00	52.04 3.52 0.00	53.52 4.15 0.00	60.05 4.41 0.00	86.29 5.50 0.00	78.02 4.36 0.00	77.92 3.97 0.00	72.95 3.10 0.00	57.99 2.27 0.00
DELAWARE___LFGE 323621	44.15 1.41 0.00	38.80 1.23 0.00	37.75 1.15 0.00	38.36 1.22 0.00	35.15 1.20 0.00	28.71 1.05 0.00	27.04 1.07 0.00	24.58 0.97 0.00	25.40 1.00 0.00	28.58 1.04 0.06	22.80 0.89 3.65	25.75 0.84 1.14	30.02 1.01 0.11	46.39 1.66 0.00	54.75 1.67 0.00	53.11 1.90 0.00	50.78 2.26 0.00	51.83 2.54 0.08	58.53 2.89 0.00	84.77 3.97 0.00	77.10 3.37 -0.07	77.14 3.03 -0.16	72.59 2.51 -0.24	57.45 1.73 0.00
DERFIELD_115KV_TB7 355931	42.96 0.22 0.00	37.79 0.22 0.00	36.82 0.23 0.00	37.43 0.30 0.00	34.22 0.27 0.00	27.87 0.22 0.00	26.17 0.20 0.00	23.79 0.18 0.00	24.59 0.19 0.00	27.77 0.16 0.00	25.65 0.09 0.00	26.09 0.05 0.00	29.19 0.07 0.00	44.88 0.15 0.00	53.17 0.08 0.00	51.42 0.21 0.00	44.69 0.42 4.26	49.91 0.54 0.00	56.20 0.56 0.00	81.52 0.72 0.00	74.25 0.58 0.00	74.46 0.50 0.00	70.12 0.27 0.00	55.84 0.12 0.00
DOGLEVILLE___HYD 23807	44.05 1.31 0.00	38.83 1.25 0.00	37.68 1.09 0.00	38.20 1.06 0.00	35.07 1.12 0.00	28.75 1.10 0.00	27.01 1.04 0.00	24.52 0.91 0.00	25.41 1.01 0.00	28.42 0.82 0.00	25.96 0.40 0.00	25.95 -0.09 0.00	28.94 -0.18 0.00	44.69 -0.04 0.00	52.59 -0.49 0.00	51.46 0.25 0.00	45.53 1.26 4.26	51.30 1.93 0.00	58.10 2.46 0.00	83.86 3.07 0.00	76.31 2.64 0.00	76.45 2.50 0.00	71.02 1.17 0.00	56.13 0.40 0.00
DUNKIRK___115KV_TB_200 55889	41.41 -1.25 0.08	36.43 -1.15 0.00	35.42 -1.14 0.03	35.92 -1.08 0.14	29.68 -0.89 3.38	18.82 -0.70 8.13	17.21 -0.55 8.21	15.99 -0.38 7.24	16.87 -0.37 7.16	20.52 -0.28 6.81	22.25 -0.18 3.13	28.08 0.17 -1.87	29.99 0.69 -0.18	46.66 1.93 0.00	55.88 2.79 0.00	53.90 2.69 0.00	51.47 2.95 0.00	51.08 2.16 0.45	58.62 2.99 0.00	85.46 4.67 0.00	78.76 5.10 0.00	78.61 4.66 0.00	74.56 4.72 0.00	58.24 2.52 0.00
DUNKIRK___1 23563	41.41 -1.25 0.08	36.43 -1.15 0.00	35.42 -1.14 0.03	35.92 -1.08 0.14	29.68 -0.89 3.38	18.82 -0.70 8.13	17.21 -0.55 8.21	15.99 -0.38 7.24	16.87 -0.37 7.16	20.52 -0.28 6.81	22.25 -0.18 3.13	28.08 0.17 -1.87	29.99 0.69 -0.18	46.66 1.93 0.00	55.88 2.79 0.00	53.90 2.69 0.00	51.47 2.95 0.00	51.08 2.16 0.45	58.62 2.99 0.00	85.46 4.67 0.00	78.76 5.10 0.00	78.61 4.66 0.00	74.56 4.72 0.00	58.24 2.52 0.00
DUNKIRK___2 23564	41.41 -1.25 0.08	36.43 -1.15 0.00	35.42 -1.14 0.03	35.92 -1.08 0.14	29.68 -0.89 3.38	18.82 -0.70 8.13	17.21 -0.55 8.21	15.99 -0.38 7.24	16.87 -0.37 7.16	20.52 -0.28 6.81	22.25 -0.18 3.13	28.08 0.17 -1.87	29.99 0.69 -0.18	46.66 1.93 0.00	55.88 2.79 0.00	53.90 2.69 0.00	51.47 2.95 0.00	51.08 2.16 0.45	58.62 2.99 0.00	85.46 4.67 0.00	78.76 5.10 0.00	78.61 4.66 0.00	74.56 4.72 0.00	58.24 2.52 0.00
DUNKIRK___3 23565	41.50 -1.16 0.09	36.53 -1.04 0.00	35.48 -1.09 0.03	35.92 -1.07 0.15	29.59 -0.85 3.52	18.51 -0.68 8.46	16.88 -0.55 8.54	15.70 -0.38 7.53	16.60 -0.34 7.45	20.28 -0.24 7.09	22.12 -0.12 3.31	27.86 0.20 -1.63	29.96 0.68 -0.16	46.54 1.81 0.00	55.64 2.56 0.00	53.60 2.39 0.00	51.15 2.62 0.00	50.79 1.91 0.49	58.30 2.66 0.00	85.09 4.30 0.00	78.29 4.63 0.00	78.07 4.12 0.00	74.01 4.16 0.00	57.92 2.20 0.00
DUNKIRK___4 23566	41.50 -1.16 0.09	36.53 -1.04 0.00	35.48 -1.09 0.03	35.92 -1.07 0.15	29.59 -0.85 3.52	18.51 -0.68 8.46	16.88 -0.55 8.54	15.70 -0.38 7.53	16.60 -0.34 7.45	20.28 -0.24 7.09	22.12 -0.12 3.31	27.86 0.20 -1.63	29.96 0.68 -0.16	46.54 1.81 0.00	55.64 2.56 0.00	53.60 2.39 0.00	51.15 2.62 0.00	50.79 1.91 0.49	58.30 2.66 0.00	85.09 4.30 0.00	78.29 4.63 0.00	78.07 4.12 0.00	74.01 4.16 0.00	57.92 2.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.90 3.16 0.00	40.37 2.79 0.00	39.14 2.55 0.00	39.52 2.39 0.00	36.29 2.34 0.00	29.72 2.07 0.00	27.93 1.96 0.00	25.56 1.95 0.00	26.45 2.05 0.00	29.93 2.01 -0.32	43.91 1.71 -16.65	27.52 1.48 0.00	30.83 1.71 0.00	47.54 2.82 0.00	55.68 2.60 0.00	54.33 3.12 0.00	52.36 3.84 0.00	53.73 4.36 0.00	60.19 4.56 0.00	86.36 5.57 0.00	78.06 4.39 0.00	77.93 3.98 0.00	72.94 3.09 0.00	58.18 2.46 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.61 2.87 0.00	40.12 2.54 0.00	38.93 2.33 0.00	39.36 2.22 0.00	36.13 2.18 0.00	29.56 1.90 0.00	27.77 1.80 0.00	25.39 1.78 0.00	26.27 1.87 0.00	29.24 1.83 0.20	16.66 1.53 10.43	27.34 1.30 0.00	30.65 1.53 0.00	47.27 2.54 0.00	55.50 2.42 0.00	54.11 2.90 0.00	52.21 3.69 0.00	53.64 4.27 0.00	60.18 4.54 0.00	86.50 5.70 0.00	78.23 4.57 0.00	78.10 4.15 0.00	73.09 3.24 0.00	58.12 2.40 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.99 3.25 0.00	40.46 2.88 0.00	39.18 2.59 0.00	39.58 2.44 0.00	36.38 2.43 0.00	29.87 2.21 0.00	27.98 2.01 0.00	25.60 1.99 0.00	26.50 2.10 0.00	29.98 2.05 -0.32	43.92 1.72 -16.64	27.54 1.50 0.00	30.87 1.76 0.00	47.65 2.92 0.00	55.73 2.65 0.00	54.38 3.17 0.00	52.48 3.96 0.00	53.74 4.38 0.00	60.15 4.50 -0.01	86.09 5.29 -0.01	77.76 4.08 -0.01	77.56 3.60 -0.01	72.59 2.74 -0.01	58.08 2.36 0.00

E179THST_13_KV_LOAD 356214	46.25 3.51 0.00	40.68 3.11 0.00	39.39 2.80 0.00	39.78 2.65 0.00	36.56 2.61 0.00	30.01 2.36 0.00	28.12 2.15 0.00	25.73 2.12 0.00	26.64 2.24 0.00	30.15 2.22 -0.32	44.08 1.88 -16.64	27.71 1.67 0.00	31.07 1.95 0.00	47.96 3.24 0.00	56.10 3.01 0.00	54.74 3.53 0.00	52.84 4.31 0.00	54.12 4.74 0.00	60.57 4.93 -0.01	86.72 5.92 -0.01	78.34 4.67 -0.01	78.15 4.19 -0.01	73.14 3.29 -0.01	58.51 2.79 0.00
EAST HAMPTON___GT 23717	45.85 3.11 0.00	40.03 2.46 0.00	38.52 1.92 0.00	38.64 1.50 0.00	35.55 1.60 0.00	29.06 1.41 0.00	27.48 1.51 0.00	25.25 1.65 0.00	26.26 1.86 0.00	29.74 1.81 -0.32	43.94 1.79 -16.59	27.38 1.34 0.00	30.63 1.51 0.00	47.43 2.71 0.00	55.60 2.52 0.00	54.35 3.14 0.00	52.38 3.86 0.00	54.85 5.48 0.00	61.31 5.67 0.00	86.86 6.28 0.22	76.43 3.87 1.10	77.35 4.36 0.96	70.94 4.64 3.55	54.26 3.74 5.21
EAST RIVER___6 23660	46.09 3.35 0.00	40.50 2.93 0.00	39.26 2.67 0.00	39.63 2.49 0.00	36.39 2.44 0.00	29.81 2.16 0.00	28.03 2.05 0.00	25.68 2.07 0.00	26.58 2.19 0.00	30.07 2.14 -0.32	44.06 1.85 -16.66	27.67 1.63 0.00	30.97 1.86 0.00	47.80 3.07 0.00	55.95 2.87 0.00	54.62 3.41 0.00	52.70 4.18 0.00	54.01 4.64 0.00	60.47 4.83 0.00	86.51 5.72 0.00	78.19 4.53 0.00	77.92 3.98 0.00	72.94 3.10 0.00	58.31 2.58 0.00
EAST RIVER___7 23524	46.09 3.35 0.00	40.50 2.93 0.00	39.26 2.67 0.00	39.63 2.49 0.00	36.39 2.44 0.00	29.81 2.16 0.00	28.03 2.05 0.00	25.68 2.07 0.00	26.58 2.19 0.00	30.07 2.14 -0.32	44.06 1.85 -16.66	27.67 1.63 0.00	30.97 1.86 0.00	47.80 3.07 0.00	55.95 2.87 0.00	54.62 3.41 0.00	52.70 4.18 0.00	54.01 4.64 0.00	60.47 4.83 0.00	86.51 5.72 0.00	78.19 4.53 0.00	77.92 3.98 0.00	72.94 3.10 0.00	58.31 2.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.78 3.04 0.00	40.26 2.69 0.00	39.06 2.46 0.00	39.45 2.31 0.00	36.22 2.27 0.00	29.65 2.00 0.00	27.86 1.89 0.00	25.50 1.89 0.00	26.38 1.98 0.00	29.86 1.92 -0.33	44.35 1.63 -17.16	27.44 1.40 0.00	30.74 1.63 0.00	47.43 2.70 0.00	55.58 2.49 0.00	54.21 3.00 0.00	52.25 3.73 0.00	53.62 4.25 0.00	60.09 4.46 0.00	86.20 5.41 0.00	77.91 4.25 0.00	77.78 3.83 0.00	72.80 2.96 0.00	58.05 2.33 0.00
EAST_HAMPTON___DIESEL 23722	45.71 2.97 0.00	39.91 2.34 0.00	38.40 1.81 0.00	38.51 1.38 0.00	35.45 1.50 0.00	28.97 1.32 0.00	27.40 1.43 0.00	25.17 1.57 0.00	26.17 1.77 0.00	29.65 1.72 -0.32	43.86 1.71 -16.59	27.29 1.25 0.00	30.54 1.42 0.00	47.29 2.56 0.00	55.43 2.34 0.00	54.19 2.98 0.00	52.24 3.71 0.00	54.71 5.34 0.00	61.15 5.51 0.00	86.61 6.03 0.22	76.21 3.65 1.10	77.20 4.21 0.96	70.84 4.54 3.55	54.21 3.70 5.21
EAST_POINT___SOLAR 323840	45.39 2.65 0.00	39.80 2.22 0.00	38.76 2.17 0.00	39.44 2.30 0.00	36.00 2.05 0.00	29.29 1.64 0.00	27.55 1.59 0.00	24.99 1.38 0.00	25.75 1.35 0.00	29.05 1.44 0.00	26.78 1.22 0.00	26.91 0.87 0.00	30.08 0.96 0.00	46.70 1.98 0.00	54.80 1.71 0.00	53.30 2.09 0.00	51.12 2.59 0.00	52.30 2.93 0.00	59.93 4.29 0.00	87.89 7.10 0.00	80.62 6.95 0.00	80.63 6.68 0.00	75.87 6.03 0.00	60.16 4.44 0.00
EAST_PULASKI___ESR 323781	42.18 -0.56 0.00	37.09 -0.49 0.00	36.26 -0.33 0.00	37.17 0.04 0.00	33.90 -0.05 0.00	27.40 -0.25 0.00	25.61 -0.36 0.00	23.31 -0.29 0.00	24.11 -0.29 0.00	27.24 -0.36 0.00	25.23 -0.33 0.00	25.70 -0.34 0.00	28.82 -0.29 0.00	44.42 -0.30 0.00	52.66 -0.42 0.00	50.85 -0.37 0.00	27.48 -0.09 20.95	49.28 -0.09 0.00	55.93 0.30 0.00	81.95 1.13 -0.03	75.41 1.19 -0.56	76.10 0.91 -1.24	71.84 0.15 -1.85	55.30 -0.42 0.00
EAST_RIVER___1 323558	46.06 3.33 0.00	40.50 2.93 0.00	39.25 2.65 0.00	39.63 2.49 0.00	36.39 2.44 0.00	29.81 2.16 0.00	28.02 2.05 0.00	25.67 2.06 0.00	26.57 2.17 0.00	30.05 2.12 -0.32	44.04 1.83 -16.66	27.66 1.62 0.00	30.96 1.84 0.00	47.76 3.03 0.00	55.91 2.83 0.00	54.54 3.33 0.00	52.62 4.09 0.00	53.90 4.53 0.00	60.39 4.74 0.00	86.46 5.66 0.00	78.09 4.43 0.00	77.92 3.97 0.00	72.93 3.09 0.00	58.27 2.55 0.00
EAST_RIVER___2 323559	46.09 3.35 0.00	40.50 2.93 0.00	39.26 2.67 0.00	39.63 2.49 0.00	36.39 2.44 0.00	29.81 2.16 0.00	28.03 2.05 0.00	25.68 2.07 0.00	26.58 2.19 0.00	30.07 2.14 -0.32	44.06 1.85 -16.66	27.67 1.63 0.00	30.97 1.86 0.00	47.80 3.07 0.00	55.95 2.87 0.00	54.62 3.41 0.00	52.70 4.18 0.00	54.01 4.64 0.00	60.47 4.83 0.00	86.51 5.72 0.00	78.19 4.53 0.00	77.92 3.98 0.00	72.94 3.10 0.00	58.31 2.58 0.00
EAST___DELAWARE_HYD 23607	44.93 2.19 0.00	39.49 1.92 0.00	38.31 1.71 0.00	38.72 1.58 0.00	35.55 1.59 0.00	29.06 1.41 0.00	27.32 1.35 0.00	24.97 1.36 0.00	25.87 1.47 0.00	28.82 1.40 0.19	16.63 1.02 9.95	26.21 0.17 0.00	29.39 0.27 0.00	45.28 0.55 0.00	53.09 0.01 0.00	51.70 0.49 0.00	50.20 1.67 0.00	52.83 3.46 0.00	59.40 3.76 0.00	85.61 4.82 0.00	77.43 3.77 0.00	77.26 3.31 0.00	72.34 2.50 0.00	57.44 1.72 0.00
EIGHT_POINT___WT_PWR 323820	40.66 -2.45 -0.37	35.33 -2.25 0.00	34.68 -2.03 -0.12	35.55 -2.20 -0.62	46.58 -2.07 -14.69	61.36 -1.62 -35.34	60.25 -1.41 -35.69	53.78 -1.29 -31.46	54.17 -1.37 -31.14	55.99 -1.31 -29.69	47.13 -0.70 -22.27	49.84 -0.40 -24.20	31.66 0.17 -2.37	45.58 0.85 0.00	53.93 0.84 0.00	51.57 0.36 0.00	48.60 0.08 0.00	53.14 -0.41 -4.18	56.70 1.06 0.00	84.64 3.84 0.00	78.97 5.22 -0.09	78.69 4.54 -0.19	73.96 3.83 -0.29	57.11 1.39 0.00
ELBRIDGE_115KV_TB2 80188	42.53 -0.21 0.00	37.35 -0.22 0.00	36.48 -0.12 0.00	37.02 -0.11 0.00	33.94 -0.01 0.00	27.62 -0.03 0.00	26.00 0.03 0.00	23.66 0.05 0.00	24.45 0.05 0.00	27.65 0.04 0.00	25.57 0.01 0.00	26.11 0.07 0.00	29.33 0.21 0.00	45.16 0.44 0.00	53.46 0.38 0.00	51.73 0.51 0.00	43.48 0.87 5.91	50.24 0.88 0.00	56.87 1.23 0.00	82.83 2.02 -0.02	75.91 1.85 -0.39	76.35 1.54 -0.86	72.12 0.99 -1.28	56.18 0.46 0.00
ELEC_TRO_TEK 24086	46.19 3.45 0.00	40.58 3.00 0.00	39.22 2.62 0.00	39.52 2.39 0.00	36.35 2.40 0.00	29.72 2.07 0.00	27.99 2.02 0.00	25.63 2.02 0.00	26.55 2.15 0.00	30.02 2.09 -0.32	44.06 1.91 -16.59	27.63 1.59 0.00	30.91 1.79 0.00	47.64 2.91 0.00	55.68 2.59 0.00	54.37 3.16 0.00	52.36 3.84 0.00	54.10 4.73 0.00	60.48 4.84 0.00	86.51 5.72 0.00	78.02 4.35 0.00	82.04 3.91 -4.19	88.36 3.11 -15.41	80.88 2.48 -22.68
ELLENBURG_WT_PWR 323604	41.89 -0.85 0.00	36.41 -1.17 0.00	25.21 -1.44 9.94	30.49 -1.61 5.04	32.39 -1.56 0.00	26.35 -1.30 0.00	24.88 -1.08 0.00	22.52 -1.09 0.00	23.33 -1.07 0.00	26.69 -0.92 0.00	24.97 -0.59 0.00	25.74 -0.30 0.00	28.66 -0.46 0.00	43.89 -0.84 0.00	52.59 -0.50 0.00	50.76 -0.45 0.00	47.49 -1.03 0.00	47.71 -1.66 0.00	53.84 -1.80 0.00	79.10 -1.69 0.00	72.85 -0.81 0.00	73.76 -0.19 0.00	70.11 0.27 0.00	56.46 0.74 0.00











GOUDEY___7 23579	43.17 0.43 0.00	37.97 0.40 0.00	36.94 0.35 0.00	37.53 0.40 0.00	34.40 0.45 0.00	28.06 0.41 0.00	26.41 0.45 0.00	24.04 0.43 0.00	24.84 0.44 0.00	28.01 0.45 0.05	22.82 0.41 3.15	23.92 0.45 2.56	29.59 0.73 0.25	46.01 1.29 0.00	54.29 1.20 0.00	52.59 1.37 0.00	50.31 1.79 0.00	51.02 1.83 0.18	58.03 2.39 0.00	84.30 3.50 -0.01	77.00 3.19 -0.15	77.00 2.73 -0.32	72.61 2.29 -0.48	56.92 1.19 0.00
GOUDEY___8 23580	43.17 0.43 0.00	37.97 0.40 0.00	36.94 0.35 0.00	37.53 0.40 0.00	34.40 0.45 0.00	28.06 0.41 0.00	26.41 0.45 0.00	24.04 0.43 0.00	24.84 0.44 0.00	28.01 0.45 0.05	22.82 0.41 3.15	23.92 0.45 2.56	29.59 0.73 0.25	46.01 1.29 0.00	54.29 1.20 0.00	52.59 1.37 0.00	50.31 1.79 0.00	51.02 1.83 0.18	58.03 2.39 0.00	84.30 3.50 -0.01	77.00 3.19 -0.15	77.00 2.73 -0.32	72.61 2.29 -0.48	56.92 1.19 0.00
GOWANUS_GT1_1 24077	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GOWANUS_GT1_2 24078	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GOWANUS_GT1_3 24079	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GOWANUS_GT1_4 24080	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GOWANUS_GT1_5 24084	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GOWANUS_GT1_6 24111	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00															

GOWANUS_GT2_6 24119	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
GOWANUS_GT2_7 24120	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
GOWANUS_GT2_8 24121	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
GOWANUS_GT3_1 24122	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
GOWANUS_GT3_2 24123	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
GOWANUS_GT3_3 24124	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
GOWANUS_GT3_4 24125	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
GOWANUS_GT3_5 24126	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00															

GOWANUS_GT4_5 24134	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GOWANUS_GT4_6 24135	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GOWANUS_GT4_7 24136	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GOWANUS_GT4_8 24137	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GREATVRV_69_KV_BK1 356245	47.05 4.31 0.00	41.26 3.69 0.00	39.77 3.17 0.00	39.95 2.82 0.00	36.79 2.84 0.00	30.05 2.40 0.00	28.37 2.40 0.00	26.02 2.41 0.00	26.98 2.58 0.00	30.50 2.58 -0.32	44.63 2.48 -16.59	28.14 2.10 0.00	31.38 2.27 0.00	48.52 3.79 0.00	56.74 3.66 0.00	55.57 4.36 0.00	53.44 4.92 0.00	55.63 6.26 0.00	62.21 6.57 0.00	88.62 8.04 0.21	78.71 6.10 1.05	78.56 5.32 0.70	71.55 4.30 2.59	55.25 3.33 3.80
GREENBSH_115KV_TB3 55895	44.06 1.32 0.00	38.77 1.20 0.00	37.75 1.16 0.00	38.29 1.15 0.00	35.11 1.16 0.00	28.66 1.01 0.00	26.78 0.81 0.00	24.37 0.76 0.00	25.22 0.82 0.00	28.36 0.71 -0.05	28.46 0.51 -2.39	26.31 0.27 0.00	29.33 0.21 0.00	44.90 0.17 0.00	52.99 -0.10 0.00	51.55 0.34 0.00	49.44 0.91 0.00	50.67 1.30 0.00	56.80 1.16 0.00	81.89 1.10 0.00	74.38 0.72 0.00	74.62 0.67 0.00	69.80 -0.05 0.00	55.69 -0.03 0.00
GREENDGE_115KV_TB5 80291	42.89 0.00 -0.16	37.54 -0.03 0.00	36.58 -0.07 -0.05	37.33 -0.07 -0.27	40.27 -0.02 -6.33	42.91 0.02 -15.24	41.47 0.11 -15.40	37.34 0.16 -13.57	38.03 0.20 -13.43	40.82 0.31 -12.90	35.09 0.42 -9.11	35.02 0.60 -8.37	30.96 1.02 -0.82	46.57 1.84 0.00	54.61 1.53 0.00	52.66 1.45 0.00	50.43 1.90 0.00	52.71 1.67 -1.67	58.53 2.89 0.00	85.50 4.71 -0.01	78.54 4.75 -0.13	78.36 4.14 -0.28	73.58 3.32 -0.41	57.50 1.78 0.00
GREENIDGE___3 23582	42.89 0.00 -0.16	37.54 -0.03 0.00	36.58 -0.07 -0.05	37.33 -0.07 -0.27	40.27 -0.02 -6.33	42.91 0.02 -15.24	41.47 0.11 -15.40	37.34 0.16 -13.57	38.03 0.20 -13.43	40.82 0.31 -12.90	35.09 0.42 -9.11	35.02 0.60 -8.37	30.96 1.02 -0.82	46.57 1.84 0.00	54.61 1.53 0.00	52.66 1.45 0.00	50.43 1.90 0.00	52.71 1.67 -1.67	58.53 2.89 0.00	85.50 4.71 -0.01	78.54 4.75 -0.13	78.36 4.14 -0.28	73.58 3.32 -0.41	57.50 1.78 0.00
GREENIDGE___4 23583	42.89 -0.01 -0.16	37.54 -0.03 0.00	36.58 -0.06 -0.05	37.33 -0.07 -0.27	40.27 -0.02 -6.33	42.91 0.02 -15.24	41.46 0.10 -15.40	37.34 0.15 -13.57	38.03 0.20 -13.43	40.81 0.31 -12.90	35.09 0.42 -9.11	35.02 0.60 -8.37	30.96 1.02 -0.82	46.56 1.83 0.00	54.61 1.52 0.00	52.65 1.44 0.00	50.42 1.90 0.00	52.75 1.71 -1.67	58.52 2.88 0.00	85.52 4.73 -0.01	78.60 4.81 -0.13	78.37 4.14 -0.28	73.58 3.32 -0.41	57.50 1.78 0.00
GREENLWN_69_KV_BK 3 55738	46.12 3.38 0.00	40.54 2.97 0.00	39.13 2.54 0.00	39.35 2.21 0.00	36.21 2.26 0.00	29.57 1.92 0.00	27.91 1.94 0.00	25.57 1.96 0.00	26.47 2.07 0.00	29.92 1.99 -0.32	44.07 1.92 -16.59	27.60 1.56 0.00	30.84 1.73 0.00	47.51 2.78 0.00	55.34 2.26 0.00	53.97 2.76 0.00	51.82 3.30 0.00	53.69 4.32 0.00	59.97 4.34 0.00	85.27 4.69 0.21	75.82 3.23 1.08	75.70 2.57 0.81	68.68 1.85 3.02	52.94 1.63 4.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00
GRISSOM___SOLAR 323813	45.15 2.41 0.00	39.61 2.04 0.00	38.58 1.99 0.00	39.20 2.06 0.00	35.84 1.89 0.00	29.20 1.55 0.00	27.43 1.47 0.00	24.89 1.28 0.00	25.75 1.35 0.00	28.93 1.33 0.00	26.54 0.98 0.00	26.70 0.66 0.00	29.70 0.58 0.00	46.38 1.66 0.00	54.97 1.88 0.00	53.16 1.95 0.00	50.57 2.05 0.00	52.01 2.64 0.00	59.31 3.67 0.00	86.70 5.91 0.00	79.31 5.65 0.00	79.41 5.46 0.00	74.63 4.79 0.00	59.24 3.52 0.00
GROVEVILLE___HYD 323602	46.09 3.35 0.00	40.50 2.93 0.00	39.31 2.72 0.00	39.73 2.59 0.00	36.46 2.51 0.00	29.83 2.18 0.00	28.03 2.07 0.00	25.63 2.03 0.00	26.53 2.13 0.00	29.74 2.13 0.00	27.38 1.82 0.00	27.62 1.59 0.00	30.98 1.86 0.00	47.80 3.07 0.00	56.16 3.08 0.00	54.80 3.59 0.00	52.94 4.42 0.00	54.40 5.03 0.00	61.01 5.37 0.00	87.64 6.85 0.00	79.24 5.58 0.00	79.08 5.13 0.00	73.91 4.07 0.00	58.75 3.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.74 0.00 0.00	37.57 0.00 0.00	36.66 0.07 0.00	37.22 0.08 0.00	34.09 0.14 0.00	27.76 0.11 0.00	26.10 0.13 0.00	23.74 0.14 0.00	24.54 0.14 0.00	27.73 0.12 0.00	25.68 0.12 0.00	26.21 0.17 0.00	29.42 0.30 0.00	45.33 0.60 0.00	53.72 0.64 0.00	51.94 0.73 0.00	43.03 1.09 6.58	50.54 1.17 0.00	57.17 1.53 0.00	83.20 2.39 -0.02	76.20 2.17 -0.37	76.58 1.82 -0.81	72.34 1.28 -1.21	56.38 0.66 0.00
HAMLTNNY_34_KV_TB 80303	42.89 0.15 0.00	37.68 0.11 0.00	36.77 0.17 0.00	37.31 0.17 0.00	34.17 0.22 0.00	27.83 0.18 0.00	26.19 0.22 0.00	23.85 0.24 0.00	24.67 0.27 0.00	27.92 0.31 0.00	26.16 0.32 -0.27	27.50 0.43 -1.04	29.87 0.65 -0.10	45.78 1.06 0.00	54.42 1.33 0.00	52.55 1.34 0.00	44.40 1.61 5.73	51.18 1.74 -0.07	57.79 2.15 0.00	84.34 3.52 -0.02	77.30 3.29 -0.35	77.64 2.91 -0.78	73.30 2.29 -1.16	57.13 1.41 0.00





HQ_GEN_IMPORT 323601	42.48 -0.26 0.00	37.30 -0.27 0.00	36.25 -0.34 0.00	36.72 -0.42 0.00	33.47 -0.48 0.00	27.22 -0.43 0.00	25.57 -0.40 0.00	23.23 -0.38 0.00	24.01 -0.39 0.00	27.32 -0.29 0.00	25.38 -0.18 0.00	25.96 -0.08 0.00	28.96 -0.16 0.00	44.05 -0.33 0.33	52.94 -0.15 0.00	50.77 -0.43 0.00	58.88 -1.01 -11.37	48.08 -1.29 0.00	54.23 -1.41 0.00	78.99 -1.81 0.00	70.34 -1.45 1.88	73.54 -1.10 -0.70	69.33 -0.51 0.00	55.58 -0.14 0.00
HQ_GEN_WHEEL 23651	42.48 -0.26 0.00	37.30 -0.27 0.00	36.25 -0.34 0.00	36.72 -0.42 0.00	33.47 -0.48 0.00	27.22 -0.43 0.00	25.57 -0.40 0.00	23.23 -0.38 0.00	24.01 -0.39 0.00	27.32 -0.29 0.00	25.38 -0.18 0.00	25.96 -0.08 0.00	28.96 -0.16 0.00	44.05 -0.33 0.33	52.94 -0.15 0.00	50.77 -0.43 0.00	58.88 -1.01 -11.37	48.08 -1.29 0.00	54.23 -1.41 0.00	78.99 -1.81 0.00	70.34 -1.45 1.88	73.54 -1.10 -0.70	69.33 -0.51 0.00	55.58 -0.14 0.00
HUDSON AVE_GT_3 23810	46.10 3.36 0.00	40.53 2.96 0.00	39.28 2.68 0.00	39.66 2.52 0.00	36.41 2.46 0.00	29.84 2.19 0.00	28.04 2.07 0.00	25.69 2.08 0.00	26.58 2.18 0.00	30.07 2.14 -0.32	44.05 1.84 -16.65	27.68 1.64 0.00	30.99 1.87 0.00	47.81 3.09 0.00	55.97 2.88 0.00	54.61 3.40 0.00	52.69 4.16 0.00	53.97 4.60 0.00	60.45 4.82 0.00	86.55 5.76 0.00	77.94 4.27 0.00	77.78 3.83 0.00	72.80 2.95 0.00	58.18 2.46 0.00
HUDSON AVE_GT_4 23540	46.10 3.36 0.00	40.53 2.96 0.00	39.28 2.68 0.00	39.66 2.52 0.00	36.41 2.46 0.00	29.84 2.19 0.00	28.04 2.07 0.00	25.69 2.08 0.00	26.58 2.18 0.00	30.07 2.14 -0.32	44.05 1.84 -16.65	27.68 1.64 0.00	30.99 1.87 0.00	47.81 3.09 0.00	55.97 2.88 0.00	54.61 3.40 0.00	52.69 4.16 0.00	53.97 4.60 0.00	60.45 4.82 0.00	86.55 5.76 0.00	77.94 4.27 0.00	77.78 3.83 0.00	72.80 2.95 0.00	58.18 2.46 0.00
HUDSON AVE_GT_5 23657	46.10 3.36 0.00	40.53 2.96 0.00	39.28 2.68 0.00	39.66 2.52 0.00	36.41 2.46 0.00	29.84 2.19 0.00	28.04 2.07 0.00	25.69 2.08 0.00	26.58 2.18 0.00	30.07 2.14 -0.32	44.05 1.84 -16.65	27.68 1.64 0.00	30.99 1.87 0.00	47.81 3.09 0.00	55.97 2.88 0.00	54.61 3.40 0.00	52.69 4.16 0.00	53.97 4.60 0.00	60.45 4.82 0.00	86.55 5.76 0.00	77.94 4.27 0.00	77.78 3.83 0.00	72.80 2.95 0.00	58.18 2.46 0.00
HUDSON_AVE_10 24168	45.87 3.13 0.00	40.32 2.75 0.00	39.09 2.50 0.00	39.46 2.32 0.00	36.24 2.29 0.00	29.71 2.06 0.00	27.93 1.96 0.00	25.58 1.97 0.00	26.44 2.04 0.00	29.92 1.99 -0.32	43.92 1.71 -16.65	27.53 1.49 0.00	30.85 1.73 0.00	47.56 2.83 0.00	55.67 2.58 0.00	54.33 3.12 0.00	52.40 3.88 0.00	53.68 4.32 0.00	60.22 4.58 0.00	86.41 5.50 -0.12	78.70 4.42 -0.62	77.88 3.93 0.00	72.89 3.05 0.00	58.23 2.51 0.00
HUDSON___115KV_TB 4 355613	44.99 2.25 0.00	39.54 1.97 0.00	38.48 1.89 0.00	39.01 1.87 0.00	35.76 1.81 0.00	29.19 1.54 0.00	27.30 1.33 0.00	24.84 1.23 0.00	25.69 1.29 0.00	28.85 1.24 0.00	26.55 0.99 0.00	26.73 0.69 0.00	29.65 0.53 0.00	45.44 0.72 0.00	53.72 0.63 0.00	52.54 1.33 0.00	50.29 1.76 0.00	51.84 2.47 0.00	58.46 2.82 0.00	84.54 3.74 0.00	76.77 3.10 0.00	76.93 2.98 0.00	71.87 2.03 0.00	57.15 1.43 0.00
HUNTER MOUNT___DRP 323613	45.18 2.44 0.00	39.68 2.10 0.00	38.62 2.03 0.00	39.16 2.02 0.00	35.89 1.94 0.00	29.30 1.65 0.00	27.40 1.43 0.00	24.94 1.33 0.00	25.81 1.41 0.00	28.99 1.38 0.00	26.72 1.16 0.00	26.92 0.89 0.00	29.88 0.76 0.00	45.78 1.05 0.00	54.16 1.08 0.00	52.99 1.78 0.00	50.76 2.23 0.00	52.32 2.95 0.00	59.01 3.37 0.00	85.36 4.57 0.00	77.56 3.90 0.00	77.69 3.74 0.00	72.56 2.72 0.00	57.62 1.90 0.00
HUNTINGTON_RES_REC 323705	46.32 3.58 0.00	40.67 3.10 0.00	39.23 2.63 0.00	39.41 2.27 0.00	36.28 2.33 0.00	29.64 1.98 0.00	27.98 2.02 0.00	25.65 2.04 0.00	26.58 2.18 0.00	30.04 2.12 -0.32	44.21 2.06 -16.59	27.70 1.66 0.00	30.95 1.84 0.00	47.77 3.05 0.00	55.77 2.69 0.00	54.50 3.29 0.00	52.30 3.77 0.00	54.32 4.95 0.00	60.70 5.06 0.00	86.28 5.70 0.21	76.52 3.95 1.09	76.30 3.27 0.91	68.98 2.52 3.38	52.87 2.08 4.94
HUNTLEY___63 23557	41.73 -0.92 0.09	36.71 -0.87 0.00	35.57 -1.00 0.03	35.86 -1.12 0.15	29.52 -0.76 3.67	18.18 -0.64 8.83	16.55 -0.50 8.92	15.44 -0.30 7.87	16.39 -0.22 7.79	20.20 -0.02 7.40	22.17 0.13 3.52	28.19 0.38 -1.78	30.08 0.79 -0.17	46.50 1.78 0.00	55.65 2.57 0.00	52.99 1.78 0.00	50.39 1.87 0.00	50.17 1.31 0.51	57.45 1.81 0.00	84.14 3.35 0.00	77.31 3.65 0.00	76.95 3.00 0.00	72.94 3.10 0.00	57.46 1.74 0.00
HUNTLEY___64 23558	41.73 -0.92 0.09	36.71 -0.87 0.00	35.57 -1.00 0.03	35.86 -1.12 0.15	29.52 -0.76 3.67	18.18 -0.64 8.83	16.55 -0.50 8.92	15.44 -0.30 7.87	16.39 -0.22 7.79	20.20 -0.02 7.40	22.17 0.13 3.52	28.19 0.38 -1.78	30.08 0.79 -0.17	46.50 1.78 0.00	55.65 2.57 0.00	52.99 1.78 0.00	50.39 1.87 0.00	50.17 1.31 0.51	57.45 1.81 0.00	84.14 3.35 0.00	77.31 3.65 0.00	76.95 3.00 0.00	72.94 3.10 0.00	57.46 1.74 0.00
HUNTLEY___65 23559	41.73 -0.92 0.09	36.71 -0.87 0.00	35.57 -1.00 0.03	35.86 -1.12 0.15	29.52 -0.76 3.67	18.18 -0.64 8.83	16.55 -0.50 8.92	15.44 -0.30 7.87	16.39 -0.22 7.79	20.20 -0.02 7.40	22.17 0.13 3.52	28.19 0.38 -1.78	30.08 0.79 -0.17	46.50 1.78 0.00	55.65 2.57 0.00	52.99 1.78 0.00	50.39 1.87 0.00	50.17 1.31 0.51	57.45 1.81 0.00	84.14 3.35 0.00	77.31 3.65 0.00	76.95 3.00 0.00	72.94 3.10 0.00	57.46 1.74 0.00
HUNTLEY___66 23560	41.73 -0.92 0.09	36.71 -0.87 0.00	35.57 -1.00 0.03	35.86 -1.12 0.15	29.52 -0.76 3.67	18.18 -0.64 8.83	16.55 -0.50 8.92	15.44 -0.30 7.87	16.39 -0.22 7.79	20.20 -0.02 7.40	22.17 0.13 3.52	28.19 0.38 -1.78	30.08 0.79 -0.17	46.50 1.78 0.00	55.65 2.57 0.00	52.99 1.78 0.00	50.39 1.87 0.00	50.17 1.31 0.51	57.45 1.81 0.00	84.14 3.35 0.00	77.31 3.65 0.00	76.95 3.00 0.00	72.94 3.10 0.00	57.46 1.74 0.00
HUNTLEY___67 23561	41.38 -1.27 0.09	36.44 -1.14 0.00	35.33 -1.24 0.03	35.63 -1.35 0.15	29.24 -1.08 3.63	18.01 -0.91 8.73	16.40 -0.75 8.82	15.29 -0.55 7.78	16.22 -0.48 7.70	19.98 -0.31 7.32	21.99 -0.14 3.42	27.90 0.21 -1.65	29.83 0.55 -0.16	46.09 1.36 0.00	55.21 2.12 0.00	52.80 1.59 0.00	50.34 1.82 0.00	50.06 1.20 0.51	57.34 1.70 0.00	83.96 3.16 0.00	77.17 3.51 0.00	76.85 2.90 0.00	72.82 2.98 0.00	57.31 1.59 0.00
HUNTLEY___68 23562	41.38 -1.27 0.09	36.44 -1.14 0.00	35.33 -1.24 0.03	35.63 -1.35 0.15	29.24 -1.08 3.63	18.01 -0.91 8.73	16.40 -0.75 8.82	15.29 -0.55 7.78	16.22 -0.48 7.70	19.98 -0.31 7.32	21.99 -0.14 3.42	27.90 0.21 -1.65	29.83 0.55 -0.16	46.09 1.36 0.00	55.21 2.12 0.00	52.80 1.59 0.00	50.34 1.82 0.00	50.06 1.20 0.51	57.34 1.70 0.00	83.96 3.16 0.00	77.17 3.51 0.00	76.85 2.90 0.00	72.82 2.98 0.00	57.31 1.59 0.00



HYLAND___LFGE 323620	44.44 1.33 -0.37	38.63 1.06 0.00	37.66 0.94 -0.12	38.59 0.82 -0.63	49.74 0.80 -14.99	64.43 0.71 -36.07	63.17 0.77 -36.43	56.19 0.46 -32.12	56.16 -0.03 -31.79	57.77 -0.11 -30.27	49.37 0.68 -23.13	52.80 0.49 -26.27	32.26 0.57 -2.57	45.78 1.06 0.00	54.73 1.64 0.00	52.37 1.16 0.00	49.80 1.28 0.00	54.74 0.99 -4.37	57.59 1.96 0.00	86.67 5.88 0.00	81.40 7.74 0.00	81.42 7.47 0.00	76.27 6.42 0.00	59.55 3.83 0.00
INDECK___CORINTH 23802	45.13 2.39 0.00	39.59 2.01 0.00	38.55 1.96 0.00	39.09 1.95 0.00	35.81 1.86 0.00	29.25 1.60 0.00	27.40 1.43 0.00	25.00 1.39 0.00	25.95 1.55 0.00	29.22 1.57 -0.04	28.87 1.08 -2.23	26.75 0.71 0.00	29.85 0.73 0.00	45.97 1.25 0.00	54.48 1.39 0.00	52.96 1.75 0.00	51.43 2.91 0.00	52.73 3.36 0.00	59.37 3.73 0.00	85.77 4.98 0.00	77.99 4.33 0.00	78.50 4.55 0.00	72.96 3.12 0.00	58.10 2.38 0.00
INDECK___ILION 23567	43.43 0.69 0.00	38.24 0.66 0.00	37.20 0.61 0.00	37.79 0.65 0.00	34.59 0.64 0.00	28.25 0.60 0.00	26.53 0.56 0.00	24.11 0.50 0.00	24.95 0.56 0.00	28.07 0.46 0.00	25.81 0.25 0.00	26.07 0.03 0.00	29.13 0.01 0.00	44.88 0.15 0.00	53.05 -0.04 0.00	51.55 0.34 0.00	45.12 0.85 4.26	50.57 1.20 0.00	57.11 1.47 0.00	82.66 1.87 0.00	75.25 1.59 0.00	75.40 1.45 0.00	70.63 0.79 0.00	56.07 0.35 0.00
INDECK___OLEAN 23982	42.03 -0.69 0.02	37.07 -0.51 0.00	36.06 -0.53 0.01	36.51 -0.60 0.03	32.72 -0.45 0.79	25.41 -0.33 1.90	23.79 -0.25 1.92	21.79 -0.13 1.69	22.67 -0.06 1.67	26.11 0.09 1.59	25.83 0.14 -0.13	30.18 0.34 -3.81	30.30 0.81 -0.37	46.38 1.65 0.00	54.62 1.53 0.00	52.55 1.34 0.00	50.24 1.71 0.00	50.65 1.16 -0.13	57.39 1.75 0.00	83.69 2.90 0.00	76.83 3.17 0.00	76.54 2.59 0.00	72.57 2.72 0.00	56.77 1.05 0.00
INDECK___OSWEGO 23783	41.78 -0.96 0.00	36.75 -0.83 0.00	35.92 -0.67 0.00	36.56 -0.58 0.00	33.44 -0.51 0.00	27.21 -0.44 0.00	25.54 -0.43 0.00	23.23 -0.38 0.00	23.99 -0.41 0.00	27.09 -0.52 0.00	25.08 -0.47 0.00	25.58 -0.46 0.00	28.63 -0.49 0.00	43.89 -0.83 0.00	51.94 -1.15 0.00	50.13 -1.08 0.00	36.90 -0.74 10.88	48.70 -0.67 0.00	55.05 -0.59 0.00	80.19 -0.65 -0.04	73.95 -0.59 -0.87	75.02 -0.86 -1.93	71.59 -1.15 -2.90	54.49 -1.24 0.00
INDECK___YERKES 23781	41.75 -0.90 0.09	36.74 -0.83 0.00	35.60 -0.97 0.03	35.90 -1.09 0.15	29.55 -0.73 3.67	18.23 -0.59 8.83	16.57 -0.47 8.92	15.47 -0.27 7.87	16.44 -0.18 7.79	20.22 0.01 7.40	22.24 0.20 3.52	28.22 0.40 -1.78	30.11 0.82 -0.17	46.54 1.81 0.00	55.69 2.60 0.00	52.98 1.77 0.00	50.37 1.85 0.00	50.17 1.31 0.51	57.42 1.78 0.00	84.12 3.33 0.00	77.28 3.61 0.00	76.94 2.99 0.00	72.92 3.08 0.00	57.44 1.72 0.00
INDIAN POINT_GT_1 24139	45.65 2.91 0.00	40.17 2.59 0.00	38.97 2.37 0.00	39.36 2.22 0.00	36.14 2.19 0.00	29.58 1.93 0.00	27.79 1.82 0.00	25.43 1.82 0.00	26.31 1.91 0.00	29.79 1.84 -0.34	45.03 1.54 -17.93	27.36 1.32 0.00	30.66 1.54 0.00	47.31 2.59 0.00	55.44 2.36 0.00	54.10 2.89 0.00	52.15 3.63 0.00	53.51 4.13 0.00	59.99 4.35 0.00	86.06 5.27 0.00	77.81 4.14 0.00	77.66 3.71 0.00	72.72 2.88 0.00	57.93 2.20 0.00
INDIAN POINT_GT_2 23659	45.65 2.91 0.00	40.17 2.59 0.00	38.97 2.37 0.00	39.36 2.22 0.00	36.14 2.19 0.00	29.58 1.93 0.00	27.79 1.82 0.00	25.43 1.82 0.00	26.31 1.91 0.00	29.79 1.84 -0.34	45.03 1.54 -17.93	27.36 1.32 0.00	30.66 1.54 0.00	47.31 2.59 0.00	55.44 2.36 0.00	54.10 2.89 0.00	52.15 3.63 0.00	53.51 4.13 0.00	59.99 4.35 0.00	86.06 5.27 0.00	77.81 4.14 0.00	77.66 3.71 0.00	72.72 2.88 0.00	57.93 2.20 0.00
INDIAN POINT_GT_3 24019	45.65 2.91 0.00	40.17 2.59 0.00	38.97 2.37 0.00	39.36 2.22 0.00	36.14 2.19 0.00	29.58 1.93 0.00	27.79 1.82 0.00	25.43 1.82 0.00	26.31 1.91 0.00	29.79 1.84 -0.34	45.03 1.54 -17.93	27.36 1.32 0.00	30.66 1.54 0.00	47.31 2.59 0.00	55.44 2.36 0.00	54.10 2.89 0.00	52.15 3.63 0.00	53.51 4.13 0.00	59.99 4.35 0.00	86.06 5.27 0.00	77.81 4.14 0.00	77.66 3.71 0.00	72.72 2.88 0.00	57.93 2.20 0.00
INDIAN POINT___2 23530	45.61 2.87 0.00	40.12 2.55 0.00	38.92 2.33 0.00	39.32 2.18 0.00	36.12 2.17 0.00	29.55 1.90 0.00	27.76 1.80 0.00	25.41 1.80 0.00	26.29 1.89 0.00	29.84 1.81 -0.42	49.29 1.50 -22.24	27.31 1.27 0.00	30.62 1.51 0.00	47.28 2.55 0.00	55.39 2.30 0.00	54.06 2.84 0.00	52.10 3.57 0.00	53.45 4.08 0.00	59.91 4.27 0.00	85.95 5.15 0.00	77.70 4.04 0.00	77.56 3.61 0.00	72.65 2.81 0.00	57.87 2.14 0.00
INDIAN POINT___3 23531	45.58 2.84 0.00	40.11 2.53 0.00	38.92 2.32 0.00	39.32 2.18 0.00	36.10 2.15 0.00	29.55 1.89 0.00	27.76 1.79 0.00	25.39 1.78 0.00	26.28 1.87 0.00	29.75 1.80 -0.35	45.33 1.49 -18.28	27.31 1.27 0.00	30.60 1.48 0.00	47.23 2.50 0.00	55.33 2.25 0.00	54.00 2.79 0.00	52.05 3.52 0.00	53.40 4.03 0.00	59.85 4.21 0.00	85.87 5.08 0.00	77.64 3.97 0.00	77.50 3.56 0.00	72.58 2.74 0.00	57.82 2.09 0.00
INGHAM_C_115KV_TB7 356103	44.05 1.31 0.00	38.83 1.25 0.00	37.68 1.09 0.00	38.20 1.06 0.00	35.07 1.12 0.00	28.75 1.10 0.00	27.01 1.04 0.00	24.52 0.91 0.00	25.41 1.01 0.00	28.42 0.82 0.00	25.96 0.40 0.00	25.95 -0.09 0.00	28.94 -0.18 0.00	44.69 -0.04 0.00	52.59 -0.49 0.00	51.46 0.25 0.00	45.53 1.26 4.26	51.30 1.93 0.00	58.10 2.46 0.00	83.86 3.07 0.00	76.31 2.64 0.00	76.45 2.50 0.00	71.02 1.17 0.00	56.13 0.40 0.00
IP CORINTH___1 23988	45.37 2.63 0.00	39.78 2.21 0.00	38.74 2.15 0.00	39.28 2.14 0.00	35.98 2.03 0.00	29.39 1.75 0.00	27.54 1.57 0.00	25.12 1.51 0.00	26.08 1.68 0.00	29.36 1.71 -0.04	29.02 1.23 -2.23	26.90 0.86 0.00	30.02 0.91 0.00	46.24 1.52 0.00	54.80 1.71 0.00	53.27 2.06 0.00	51.73 3.20 0.00	53.02 3.65 0.00	59.71 4.07 0.00	86.26 5.47 0.00	78.45 4.78 0.00	78.96 5.01 0.00	73.39 3.54 0.00	58.44 2.72 0.00
IP___TICONDEROGA 23804	48.39 5.66 0.00	42.17 4.59 0.00	41.03 4.43 0.00	41.57 4.43 0.00	38.13 4.18 0.00	31.20 3.55 0.00	29.00 3.03 0.00	26.65 3.04 0.00	27.79 3.39 0.00	31.26 3.61 -0.04	30.78 2.97 -2.26	28.22 2.18 0.00	31.47 2.35 0.00	48.69 3.96 0.00	57.56 4.47 0.00	55.92 4.71 0.00	54.86 6.34 0.00	56.74 7.37 0.00	63.48 7.84 0.00	91.40 10.61 0.00	83.97 10.31 0.00	84.96 11.01 0.00	78.16 8.31 0.00	62.48 6.76 0.00
ISLIP_RES_REC 323679	46.70 3.96 0.00	40.94 3.37 0.00	39.48 2.88 0.00	39.64 2.50 0.00	36.49 2.54 0.00	29.83 2.18 0.00	28.17 2.20 0.00	25.83 2.22 0.00	26.79 2.39 0.00	30.26 2.34 -0.32	44.43 2.28 -16.59	27.89 1.85 0.00	31.13 2.02 0.00	48.09 3.36 0.00	56.29 3.21 0.00	55.13 3.92 0.00	52.96 4.44 0.00	55.21 5.83 0.00	61.75 6.11 0.00	87.82 7.24 0.21	77.81 5.23 1.08	77.55 4.47 0.87	70.22 3.58 3.20	53.82 2.79 4.70

JAMAICA__27_KV_LOAD 355505	46.06 3.32 0.00	40.49 2.91 0.00	39.25 2.65 0.00	39.63 2.49 0.00	36.37 2.42 0.00	29.87 2.22 0.00	28.10 2.14 0.00	25.72 2.12 0.00	26.53 2.13 0.00	30.04 2.11 -0.32	44.04 1.83 -16.65	27.64 1.60 0.00	31.03 1.91 0.00	47.79 3.06 0.00	55.91 2.83 0.00	54.62 3.41 0.00	52.69 4.16 0.00	54.00 4.63 0.00	60.81 5.17 0.00	87.44 6.49 -0.16	79.84 5.39 -0.79	78.81 4.86 0.00	73.80 3.95 0.00	58.86 3.14 0.00
JANIS__SOLAR 323808	44.12 1.36 -0.03	38.66 1.09 0.00	37.55 0.95 -0.01	38.10 0.92 -0.04	35.97 1.02 -1.00	30.92 0.85 -2.41	29.47 1.07 -2.44	26.74 0.99 -2.15	27.41 0.89 -2.12	30.75 1.12 -2.01	25.64 1.09 1.01	27.25 1.22 0.00	30.57 1.45 0.00	46.97 2.25 0.00	55.24 2.15 0.00	53.00 1.79 0.00	50.86 2.34 0.00	52.34 2.79 -0.17	59.95 4.32 0.00	88.15 7.35 -0.01	81.06 7.22 -0.18	81.03 6.69 -0.39	75.99 5.56 -0.59	59.35 3.63 0.00
JARVIS____ 23743	42.96 0.22 0.00	37.79 0.22 0.00	36.82 0.23 0.00	37.43 0.29 0.00	34.22 0.27 0.00	27.87 0.22 0.00	26.17 0.20 0.00	23.79 0.18 0.00	24.59 0.19 0.00	27.77 0.16 0.00	25.65 0.09 0.00	26.09 0.05 0.00	29.19 0.07 0.00	44.88 0.15 0.00	53.17 0.08 0.00	51.42 0.21 0.00	44.69 0.42 4.26	49.91 0.54 0.00	56.20 0.56 0.00	81.52 0.72 0.00	74.25 0.58 0.00	74.46 0.51 0.00	70.12 0.27 0.00	55.84 0.12 0.00
JENNISON____1 23625	43.41 0.67 0.00	38.03 0.46 0.00	36.99 0.39 0.00	37.43 0.29 0.00	34.36 0.41 0.00	28.05 0.40 0.00	27.07 1.11 0.00	24.63 1.02 0.00	25.03 0.63 0.00	28.62 1.06 0.05	23.42 0.96 3.09	25.59 1.05 1.50	30.15 1.18 0.15	46.56 1.83 0.00	55.05 1.96 0.00	53.46 2.25 0.00	51.50 2.97 0.00	52.87 3.60 0.10	60.35 4.71 0.00	88.04 7.24 -0.01	80.52 6.73 -0.13	80.10 5.87 -0.28	74.96 4.69 -0.43	58.69 2.96 0.00
JENNISON____2 23626	43.41 0.67 0.00	38.03 0.46 0.00	36.99 0.39 0.00	37.43 0.29 0.00	34.36 0.41 0.00	28.05 0.40 0.00	27.07 1.11 0.00	24.63 1.02 0.00	25.03 0.63 0.00	28.62 1.06 0.05	23.42 0.96 3.09	25.59 1.05 1.50	30.15 1.18 0.15	46.56 1.83 0.00	55.05 1.96 0.00	53.46 2.25 0.00	51.50 2.97 0.00	52.87 3.60 0.10	60.35 4.71 0.00	88.04 7.24 -0.01	80.52 6.73 -0.13	80.10 5.87 -0.28	74.96 4.69 -0.43	58.69 2.96 0.00
JERICOHO_RISE_WT_PWR 323719	41.77 -0.97 0.00	36.34 -1.24 0.00	35.12 -1.48 0.00	35.50 -1.64 0.00	32.34 -1.61 0.00	26.30 -1.35 0.00	24.83 -1.14 0.00	22.48 -1.13 0.00	23.28 -1.12 0.00	26.65 -0.96 0.00	24.92 -0.64 0.00	25.71 -0.33 0.00	28.60 -0.52 0.00	43.78 -0.95 0.00	52.50 -0.58 0.00	50.62 -0.59 0.00	24.51 -1.22 22.79	47.52 -1.85 0.00	53.60 -2.04 0.00	78.82 -1.97 0.00	72.61 -1.06 0.00	73.52 -0.44 0.00	69.97 0.12 0.00	56.35 0.63 0.00
KATONAH__115KV_46KV_TB4 355592	46.03 3.29 0.00	40.46 2.88 0.00	39.25 2.65 0.00	39.63 2.49 0.00	36.38 2.43 0.00	29.76 2.12 0.00	27.97 2.00 0.00	25.60 1.99 0.00	26.50 2.11 0.00	29.95 2.11 -0.24	39.86 1.80 -12.50	27.64 1.60 0.00	30.99 1.87 0.00	47.86 3.13 0.00	56.16 3.07 0.00	54.80 3.59 0.00	52.87 4.35 0.00	54.28 4.92 0.00	60.87 5.23 0.00	87.31 6.52 0.00	78.92 5.26 0.00	78.76 4.81 0.00	73.62 3.78 0.00	58.58 2.86 0.00
KCE_NY_1 323755	45.25 2.52 0.00	39.66 2.09 0.00	38.68 2.09 0.00	39.20 2.06 0.00	35.88 1.93 0.00	29.31 1.66 0.00	27.49 1.52 0.00	25.10 1.49 0.00	26.01 1.62 0.00	29.28 1.63 -0.04	29.13 1.28 -2.29	27.07 1.03 0.00	30.25 1.13 0.00	46.59 1.87 0.00	55.10 2.01 0.00	53.68 2.47 0.00	51.62 3.10 0.00	52.78 3.41 0.00	59.36 3.72 0.00	85.83 5.04 0.00	78.03 4.37 0.00	78.16 4.22 0.00	72.99 3.15 0.00	58.20 2.47 0.00
KCE_NY_6_ESR 323823	41.59 -1.04 0.11	36.66 -0.92 0.00	35.54 -1.02 0.03	35.79 -1.17 0.18	28.74 -0.90 4.30	16.57 -0.73 10.35	14.92 -0.60 10.45	13.98 -0.41 9.22	14.94 -0.33 9.12	18.75 -0.18 8.67	21.36 0.05 4.25	28.20 0.42 -1.75	30.06 0.77 -0.17	46.44 1.72 0.00	55.61 2.52 0.00	53.28 2.07 0.00	50.81 2.28 0.00	50.43 1.68 0.62	58.01 2.37 0.00	85.02 4.23 0.00	78.11 4.45 0.00	77.72 3.77 0.00	73.63 3.78 0.00	57.79 2.07 0.00
KEDC_PORT_JEFF_GT2 24210	46.34 3.60 0.00	40.66 3.09 0.00	39.21 2.62 0.00	39.38 2.24 0.00	36.26 2.31 0.00	29.64 1.98 0.00	27.99 2.02 0.00	25.65 2.04 0.00	26.61 2.21 0.00	30.04 2.12 -0.32	44.22 2.07 -16.59	27.69 1.65 0.00	30.92 1.80 0.00	47.73 3.00 0.00	55.77 2.69 0.00	54.49 3.28 0.00	52.03 3.50 0.00	54.18 4.81 0.00	60.50 4.86 0.00	85.96 5.39 0.22	76.14 3.58 1.10	75.96 2.95 0.94	68.95 2.57 3.46	52.77 2.13 5.07
KEDC_PORT_JEFF_GT3 24211	46.34 3.60 0.00	40.66 3.09 0.00	39.21 2.62 0.00	39.38 2.24 0.00	36.26 2.31 0.00	29.64 1.98 0.00	27.99 2.02 0.00	25.65 2.04 0.00	26.61 2.21 0.00	30.04 2.12 -0.32	44.22 2.07 -16.59	27.69 1.65 0.00	30.92 1.80 0.00	47.73 3.00 0.00	55.77 2.69 0.00	54.49 3.28 0.00	52.03 3.50 0.00	54.18 4.81 0.00	60.50 4.86 0.00	85.96 5.39 0.22	76.14 3.58 1.10	75.96 2.95 0.94	68.95 2.57 3.46	52.77 2.13 5.07
KEDC_GLWD_GT4 24219	46.36 3.62 0.00	40.74 3.17 0.00	39.42 2.82 0.00	39.75 2.61 0.00	36.53 2.58 0.00	29.88 2.23 0.00	28.11 2.14 0.00	25.74 2.14 0.00	26.66 2.26 0.00	30.16 2.23 -0.32	44.13 1.99 -16.59	27.75 1.72 0.00	31.08 1.96 0.00	47.96 3.23 0.00	55.95 2.86 0.00	54.47 3.26 0.00	52.49 3.97 0.00	54.11 4.74 0.00	60.56 4.92 0.00	86.71 5.91 0.00	78.21 4.54 0.00	79.86 4.09 -1.82	79.74 3.19 -6.70	68.13 2.54 -9.87
KEDC_GLWD_GT5 24220	46.36 3.62 0.00	40.74 3.17 0.00	39.42 2.82 0.00	39.75 2.61 0.00	36.53 2.58 0.00	29.88 2.23 0.00	28.11 2.14 0.00	25.74 2.14 0.00	26.66 2.26 0.00	30.16 2.23 -0.32	44.13 1.99 -16.59	27.75 1.72 0.00	31.08 1.96 0.00	47.96 3.23 0.00	55.95 2.86 0.00	54.47 3.26 0.00	52.49 3.97 0.00	54.11 4.74 0.00	60.56 4.92 0.00	86.71 5.91 0.00	78.21 4.54 0.00	79.86 4.09 -1.82	79.74 3.19 -6.70	68.13 2.54 -9.87
KENSICO____ 23655	45.78 3.04 0.00	40.26 2.69 0.00	39.06 2.46 0.00	39.45 2.31 0.00	36.22 2.27 0.00	29.65 2.00 0.00	27.86 1.89 0.00	25.50 1.89 0.00	26.38 1.98 0.00	29.86 1.92 -0.33	44.35 1.63 -17.16	27.44 1.40 0.00	30.74 1.63 0.00	47.43 2.70 0.00	55.58 2.49 0.00	54.21 3.00 0.00	52.25 3.73 0.00	53.62 4.25 0.00	60.09 4.46 0.00	86.20 5.41 0.00	77.91 4.25 0.00	77.78 3.83 0.00	72.80 2.96 0.00	58.05 2.33 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.90 3.16 0.00	40.34 2.76 0.00	39.11 2.52 0.00	39.54 2.40 0.00	36.29 2.34 0.00	29.67 2.02 0.00	27.91 1.94 0.00	25.52 1.91 0.00	26.44 2.04 0.00	29.51 2.05 0.15	19.27 1.71 7.99	27.29 1.26 0.00	30.64 1.52 0.00	47.21 2.48 0.00	55.38 2.29 0.00	53.88 2.67 0.00	52.25 3.72 0.00	54.13 4.76 0.00	60.85 5.21 0.00	87.69 6.90 0.00	79.30 5.64 0.00	79.09 5.14 0.00	74.00 4.15 0.00	58.72 2.99 0.00

KIAC_JFK_GT1 23816	45.62 2.88 0.00	40.10 2.53 0.00	38.91 2.32 0.00	39.28 2.14 0.00	36.07 2.12 0.00	29.67 2.02 0.00	27.92 1.95 0.00	25.51 1.90 0.00	26.28 1.88 0.00	29.75 1.82 -0.32	43.77 1.55 -16.65	27.37 1.33 0.00	30.72 1.60 0.00	47.31 2.58 0.00	55.35 2.27 0.00	54.05 2.84 0.00	52.13 3.61 0.00	53.42 4.05 0.00	60.14 4.51 0.00	86.47 5.52 -0.16	78.92 4.47 -0.79	77.88 3.93 0.00	72.92 3.08 0.00	58.21 2.49 0.00
KIAC_JFK_GT2 23817	45.62 2.88 0.00	40.10 2.53 0.00	38.91 2.32 0.00	39.28 2.14 0.00	36.07 2.12 0.00	29.67 2.02 0.00	27.92 1.95 0.00	25.51 1.90 0.00	26.28 1.88 0.00	29.75 1.82 -0.32	43.77 1.55 -16.65	27.37 1.33 0.00	30.72 1.60 0.00	47.31 2.58 0.00	55.35 2.27 0.00	54.05 2.84 0.00	52.13 3.61 0.00	53.42 4.05 0.00	60.14 4.51 0.00	86.47 5.52 -0.16	78.92 4.47 -0.79	77.88 3.93 0.00	72.92 3.08 0.00	58.21 2.49 0.00
KIAC_JFK____ 323774	45.62 2.88 0.00	40.10 2.53 0.00	38.91 2.32 0.00	39.28 2.14 0.00	36.07 2.12 0.00	29.67 2.01 0.00	27.92 1.95 0.00	25.51 1.90 0.00	26.28 1.88 0.00	29.75 1.82 -0.32	43.77 1.56 -16.65	27.36 1.32 0.00	30.72 1.60 0.00	47.31 2.58 0.00	55.35 2.27 0.00	54.05 2.84 0.00	52.13 3.61 0.00	53.42 4.05 0.00	60.14 4.50 0.00	86.46 5.51 -0.16	78.91 4.46 -0.79	77.87 3.92 0.00	72.92 3.08 0.00	58.20 2.48 0.00
KINTIGH__24_KV_GSU 356498	41.85 -0.83 0.06	36.85 -0.72 0.00	35.76 -0.81 0.02	36.14 -0.91 0.09	31.05 -0.70 2.20	21.79 -0.57 5.29	20.17 -0.45 5.34	18.61 -0.28 4.71	19.53 -0.21 4.66	23.13 -0.05 4.43	23.75 0.09 1.91	28.20 0.42 -1.74	29.99 0.71 -0.17	46.16 1.43 0.00	55.17 2.09 0.00	52.84 1.63 0.00	50.41 1.88 0.00	50.53 1.42 0.26	57.53 1.88 0.00	84.13 3.34 0.00	77.19 3.52 0.00	76.93 2.98 0.00	72.77 2.93 0.00	57.37 1.65 0.00
KINTIGH____ 23543	41.83 -0.85 0.06	36.82 -0.75 0.00	35.73 -0.84 0.02	36.11 -0.94 0.09	31.02 -0.73 2.20	21.75 -0.61 5.29	20.14 -0.49 5.34	18.58 -0.31 4.71	19.49 -0.25 4.66	23.10 -0.09 4.43	23.70 0.05 1.91	28.17 0.40 -1.74	29.97 0.68 -0.17	46.13 1.40 0.00	55.13 2.05 0.00	52.81 1.59 0.00	50.39 1.86 0.00	50.48 1.37 0.26	57.48 1.84 0.00	84.07 3.28 0.00	77.14 3.47 0.00	76.86 2.91 0.00	72.71 2.87 0.00	57.33 1.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.49 -0.25 0.00	36.85 -0.72 0.00	35.59 -1.01 0.00	35.94 -1.20 0.00	32.77 -1.18 0.00	26.69 -0.97 0.00	25.22 -0.75 0.00	22.77 -0.84 0.00	23.56 -0.84 0.00	27.06 -0.55 0.00	25.29 -0.27 0.00	26.02 -0.02 0.00	28.99 -0.13 0.00	44.43 -0.30 0.00	53.27 0.18 0.00	51.55 0.33 0.00	43.37 -0.23 4.92	48.49 -0.88 0.00	54.86 -0.78 0.00	80.54 -0.25 0.00	74.37 0.70 0.00	75.24 1.29 0.00	71.36 1.52 0.00	57.64 1.92 0.00
LACHUTE____HYDRO 323717	48.40 5.66 0.00	42.17 4.59 0.00	41.03 4.43 0.00	41.57 4.43 0.00	38.13 4.18 0.00	31.20 3.55 0.00	29.00 3.03 0.00	26.65 3.04 0.00	27.79 3.39 0.00	31.26 3.61 -0.04	30.78 2.97 -2.26	28.22 2.18 0.00	31.47 2.35 0.00	48.69 3.96 0.00	57.56 4.47 0.00	55.92 4.70 0.00	54.86 6.34 0.00	56.74 7.37 0.00	63.48 7.84 0.00	91.40 10.61 0.00	83.96 10.30 0.00	84.96 11.01 0.00	78.16 8.31 0.00	62.48 6.76 0.00
LAWRNCALV_115KV_TB1 80681	42.69 -0.05 0.00	37.44 -0.14 0.00	36.40 -0.19 0.00	36.97 -0.16 0.00	33.48 -0.47 0.00	27.04 -0.61 0.00	25.39 -0.58 0.00	22.99 -0.61 0.00	23.81 -0.59 0.00	27.09 -0.52 0.00	25.16 -0.40 0.00	25.76 -0.28 0.00	28.65 -0.47 0.00	43.99 -0.74 0.00	52.67 -0.41 0.00	50.47 -0.74 0.00	-223.52 -2.17 269.88	46.80 -2.57 0.00	53.11 -2.53 0.00	78.02 -2.77 0.00	71.85 -1.82 0.00	73.62 -0.33 0.00	70.03 0.18 0.00	56.15 0.43 0.00
LEDERLE____ 23769	45.88 3.14 0.00	40.37 2.80 0.00	39.17 2.57 0.00	39.56 2.42 0.00	36.33 2.38 0.00	29.73 2.08 0.00	27.93 1.96 0.00	25.55 1.94 0.00	26.45 2.05 0.00	29.03 1.98 0.56	-2.15 1.65 29.36	27.47 1.43 0.00	30.84 1.72 0.00	47.69 2.96 0.00	55.90 2.81 0.00	54.59 3.38 0.00	52.63 4.11 0.00	53.99 4.62 0.00	60.54 4.90 0.00	86.87 6.08 0.00	78.53 4.86 0.00	78.34 4.39 0.00	73.36 3.52 0.00	58.34 2.61 0.00
LIGHTHSE_115KV_TB6 355974	42.22 -0.52 0.00	37.13 -0.44 0.00	36.31 -0.28 0.00	37.33 0.19 0.00	34.00 0.05 0.00	27.42 -0.24 0.00	25.59 -0.37 0.00	23.30 -0.31 0.00	24.09 -0.31 0.00	27.22 -0.39 0.00	25.20 -0.36 0.00	25.68 -0.36 0.00	28.82 -0.30 0.00	44.48 -0.24 0.00	52.78 -0.31 0.00	50.95 -0.26 0.00	23.76 0.01 24.78	49.31 -0.06 0.00	56.06 0.42 0.00	82.28 1.46 -0.02	75.65 1.55 -0.44	76.19 1.27 -0.97	71.70 0.39 -1.46	55.41 -0.31 0.00
LINDEN COGEN____ 23786	45.73 2.99 0.00	40.21 2.64 0.00	38.97 2.37 0.00	39.35 2.21 0.00	36.14 2.18 0.00	29.61 1.96 0.00	27.83 1.86 0.00	25.50 1.89 0.00	26.40 2.00 0.00	29.84 1.92 -0.32	43.85 1.64 -16.65	27.49 1.45 0.00	30.77 1.65 0.00	47.49 2.76 0.00	55.54 2.45 0.00	54.20 2.99 0.00	52.28 3.76 0.00	53.57 4.20 0.00	59.98 4.35 0.00	85.75 4.96 0.00	77.38 3.71 0.00	77.20 3.25 0.00	72.27 2.43 0.00	57.77 2.05 0.00
LINDHRST_69_KV_BK1 356055	46.80 4.06 0.00	41.06 3.49 0.00	39.61 3.02 0.00	39.82 2.68 0.00	36.66 2.71 0.00	29.94 2.29 0.00	28.24 2.27 0.00	25.89 2.28 0.00	26.84 2.44 0.00	30.35 2.43 -0.32	44.42 2.27 -16.59	27.97 1.93 0.00	31.17 2.05 0.00	48.13 3.40 0.00	56.28 3.20 0.00	55.04 3.83 0.00	52.94 4.42 0.00	55.02 5.65 0.00	61.54 5.90 0.00	87.77 7.15 0.17	78.25 5.45 0.87	78.79 4.84 0.00	73.74 3.90 0.00	58.76 3.04 0.00
LIPA_MISC_IPP 23656	46.04 3.30 0.00	40.37 2.80 0.00	38.92 2.33 0.00	39.08 1.94 0.00	35.99 2.04 0.00	29.44 1.79 0.00	27.80 1.83 0.00	25.49 1.88 0.00	26.44 2.04 0.00	29.84 1.91 -0.32	44.00 1.85 -16.59	27.48 1.45 0.00	30.64 1.52 0.00	47.28 2.56 0.00	55.29 2.20 0.00	54.12 2.91 0.00	52.03 3.51 0.00	54.25 4.88 0.00	60.66 5.02 0.00	86.25 5.68 0.22	76.41 3.84 1.10	76.14 3.16 0.96	68.69 2.40 3.56	52.40 1.90 5.23
LISF____SOLAR 323691	46.15 3.41 0.00	40.46 2.89 0.00	39.01 2.41 0.00	39.16 2.02 0.00	36.06 2.11 0.00	29.49 1.84 0.00	27.86 1.89 0.00	25.54 1.93 0.00	26.50 2.10 0.00	29.91 1.98 -0.32	44.06 1.91 -16.59	27.52 1.48 0.00	30.68 1.57 0.00	47.35 2.62 0.00	55.41 2.33 0.00	54.27 3.06 0.00	52.20 3.67 0.00	54.44 5.07 0.00	60.91 5.28 0.00	86.61 6.03 0.22	76.67 4.11 1.10	76.44 3.44 0.95	68.97 2.65 3.52	52.64 2.08 5.16
LITTLE FALLS____HYD 24013	44.05 1.31 0.00	38.83 1.25 0.00	37.68 1.09 0.00	38.20 1.06 0.00	35.07 1.12 0.00	28.75 1.10 0.00	27.01 1.04 0.00	24.52 0.91 0.00	25.41 1.01 0.00	28.42 0.82 0.00	25.96 0.40 0.00	25.95 -0.09 0.00	28.94 -0.18 0.00	44.69 -0.04 0.00	52.59 -0.49 0.00	51.46 0.25 0.00	45.53 1.26 4.26	51.30 1.93 0.00	58.10 2.46 0.00	83.86 3.07 0.00	76.31 2.64 0.00	76.45 2.50 0.00	71.02 1.17 0.00	56.13 0.40 0.00

LITTLRIV_115KV_TB1 356100	43.31 0.57 0.00	37.96 0.39 0.00	36.91 0.32 0.00	37.45 0.31 0.00	33.93 -0.03 0.00	27.38 -0.27 0.00	25.71 -0.26 0.00	23.30 -0.31 0.00	24.13 -0.27 0.00	27.38 -0.23 0.00	25.38 -0.18 0.00	25.88 -0.16 0.00	28.75 -0.37 0.00	44.12 -0.61 0.00	52.79 -0.29 0.00	50.64 -0.57 0.00	-210.95 -1.98 257.50	46.88 -2.48 0.00	53.42 -2.22 0.00	78.91 -1.88 0.00	73.11 -0.55 0.00	75.00 1.05 0.00	71.31 1.47 0.00	57.12 1.40 0.00
LI_NEWBRDGE___DRP 323616	46.01 3.27 0.00	40.41 2.84 0.00	39.05 2.45 0.00	39.32 2.18 0.00	36.18 2.23 0.00	29.57 1.92 0.00	27.87 1.90 0.00	25.52 1.91 0.00	26.43 2.03 0.00	29.88 1.95 -0.32	43.96 1.81 -16.59	27.52 1.48 0.00	30.76 1.64 0.00	47.39 2.67 0.00	55.35 2.26 0.00	54.03 2.82 0.00	51.99 3.47 0.00	53.80 4.43 0.00	60.12 4.48 0.00	85.65 5.13 0.27	76.05 3.75 1.37	75.60 3.24 1.59	66.52 2.51 5.83	49.16 2.03 8.59
LOCKPORT_115KV_TB60_63_64 80432	41.51 -1.14 0.08	36.52 -1.06 0.00	35.40 -1.17 0.03	35.67 -1.33 0.14	29.72 -0.89 3.35	18.86 -0.74 8.05	17.25 -0.58 8.13	16.05 -0.39 7.17	16.98 -0.32 7.10	20.70 -0.16 6.74	22.33 -0.11 3.11	28.09 0.12 -1.94	29.72 0.41 -0.19	45.87 1.14 0.00	55.02 1.94 0.00	52.48 1.27 0.00	50.02 1.49 0.00	49.95 1.02 0.44	57.02 1.39 0.00	83.66 2.86 0.00	76.97 3.30 0.00	76.65 2.71 0.00	72.66 2.81 0.00	57.19 1.47 0.00
LOCKPORT___CC1 323769	41.41 -1.23 0.09	36.46 -1.11 0.00	35.33 -1.24 0.03	35.61 -1.37 0.16	29.27 -0.96 3.72	17.92 -0.78 8.94	16.30 -0.63 9.03	15.20 -0.45 7.96	16.15 -0.36 7.88	19.88 -0.24 7.49	21.90 -0.13 3.52	28.00 0.06 -1.90	29.63 0.32 -0.19	45.73 1.01 0.00	54.86 1.77 0.00	52.32 1.11 0.00	49.85 1.33 0.00	49.69 0.83 0.51	56.80 1.16 0.00	83.37 2.58 0.00	76.72 3.06 0.00	76.40 2.45 0.00	72.41 2.56 0.00	57.01 1.29 0.00
LOCKPORT___CC2 323770	41.41 -1.23 0.09	36.46 -1.11 0.00	35.33 -1.24 0.03	35.61 -1.37 0.16	29.27 -0.96 3.72	17.92 -0.78 8.94	16.30 -0.63 9.03	15.20 -0.45 7.96	16.15 -0.36 7.88	19.88 -0.24 7.49	21.90 -0.13 3.52	28.00 0.06 -1.90	29.63 0.32 -0.19	45.73 1.01 0.00	54.86 1.77 0.00	52.32 1.11 0.00	49.85 1.33 0.00	49.69 0.83 0.51	56.80 1.16 0.00	83.37 2.58 0.00	76.72 3.06 0.00	76.40 2.45 0.00	72.41 2.56 0.00	57.01 1.29 0.00
LOCKPORT___CC3 323771	41.41 -1.23 0.09	36.46 -1.11 0.00	35.33 -1.24 0.03	35.61 -1.37 0.16	29.27 -0.96 3.72	17.92 -0.78 8.94	16.30 -0.63 9.03	15.20 -0.45 7.96	16.15 -0.36 7.88	19.88 -0.24 7.49	21.90 -0.13 3.52	28.00 0.06 -1.90	29.63 0.32 -0.19	45.73 1.01 0.00	54.86 1.77 0.00	52.32 1.11 0.00	49.85 1.33 0.00	49.69 0.83 0.51	56.80 1.16 0.00	83.37 2.58 0.00	76.72 3.06 0.00	76.40 2.45 0.00	72.41 2.56 0.00	57.01 1.29 0.00
LOCUSVLY_69_KV_BK2 55797	46.58 3.84 0.00	40.89 3.31 0.00	39.54 2.94 0.00	39.80 2.66 0.00	36.60 2.65 0.00	29.92 2.27 0.00	28.18 2.21 0.00	25.82 2.21 0.00	26.74 2.33 0.00	30.25 2.32 -0.32	44.26 2.11 -16.59	27.85 1.81 0.00	31.19 2.07 0.00	48.14 3.42 0.00	56.24 3.16 0.00	54.88 3.67 0.00	52.85 4.32 0.00	54.62 5.25 0.00	61.05 5.42 0.00	87.24 6.53 0.08	78.35 5.09 0.41	79.73 4.59 -1.19	77.83 3.61 -4.38	65.01 2.84 -6.45
LONG_LAKE_PHOENIX 24014	41.96 -0.78 0.00	36.91 -0.66 0.00	36.04 -0.55 0.00	36.62 -0.52 0.00	33.52 -0.43 0.00	27.31 -0.34 0.00	25.65 -0.31 0.00	23.33 -0.28 0.00	24.10 -0.30 0.00	27.24 -0.37 0.00	25.22 -0.33 0.00	25.70 -0.34 0.00	28.82 -0.29 0.00	44.41 -0.32 0.00	52.69 -0.39 0.00	50.92 -0.29 0.00	39.87 0.01 8.66	49.52 0.15 0.00	55.99 0.35 0.00	81.40 0.58 -0.03	74.90 0.57 -0.66	75.60 0.17 -1.47	71.85 -0.20 -2.21	55.21 -0.51 0.00
LOVETT___3 23632	45.51 2.78 0.00	40.06 2.49 0.00	38.89 2.29 0.00	39.29 2.15 0.00	36.08 2.13 0.00	29.52 1.87 0.00	27.73 1.77 0.00	25.37 1.77 0.00	26.25 1.85 0.00	28.79 1.76 0.58	-3.41 1.43 30.40	27.26 1.22 0.00	30.56 1.44 0.00	47.19 2.46 0.00	55.28 2.19 0.00	53.96 2.75 0.00	52.00 3.48 0.00	53.35 3.98 0.00	59.80 4.16 0.00	85.79 5.00 0.00	77.56 3.90 0.00	77.41 3.46 0.00	72.51 2.67 0.00	57.75 2.03 0.00
LOVETT___4 23642	45.51 2.78 0.00	40.06 2.49 0.00	38.89 2.29 0.00	39.29 2.15 0.00	36.08 2.13 0.00	29.52 1.87 0.00	27.73 1.77 0.00	25.37 1.77 0.00	26.25 1.85 0.00	28.79 1.76 0.58	-3.41 1.43 30.40	27.26 1.22 0.00	30.56 1.44 0.00	47.19 2.46 0.00	55.28 2.19 0.00	53.96 2.75 0.00	52.00 3.48 0.00	53.35 3.98 0.00	59.80 4.16 0.00	85.79 5.00 0.00	77.56 3.90 0.00	77.41 3.46 0.00	72.51 2.67 0.00	57.75 2.03 0.00
LOVETT___5 23593	45.51 2.78 0.00	40.06 2.49 0.00	38.89 2.29 0.00	39.29 2.15 0.00	36.08 2.13 0.00	29.52 1.87 0.00	27.73 1.77 0.00	25.37 1.77 0.00	26.25 1.85 0.00	28.79 1.76 0.58	-3.41 1.43 30.40	27.26 1.22 0.00	30.56 1.44 0.00	47.19 2.46 0.00	55.28 2.19 0.00	53.96 2.75 0.00	52.00 3.48 0.00	53.35 3.98 0.00	59.80 4.16 0.00	85.79 5.00 0.00	77.56 3.90 0.00	77.41 3.46 0.00	72.51 2.67 0.00	57.75 2.03 0.00
LOWER RAQUET___HYD 24057	42.69 -0.05 0.00	37.43 -0.15 0.00	36.40 -0.19 0.00	37.01 -0.13 0.00	33.48 -0.47 0.00	27.00 -0.65 0.00	25.35 -0.62 0.00	22.95 -0.66 0.00	23.78 -0.62 0.00	27.03 -0.58 0.00	25.10 -0.46 0.00	25.68 -0.36 0.00	28.57 -0.55 0.00	43.88 -0.85 0.00	52.55 -0.54 0.00	50.37 -0.84 0.00	-199.55 -2.21 245.86	46.72 -2.65 0.00	53.09 -2.55 0.00	78.06 -2.73 0.00	72.03 -1.70 -0.06	73.82 -0.26 -0.13	70.26 0.23 -0.19	56.16 0.44 0.00
LOWER___HUDSON 24059	44.54 1.80 0.00	39.14 1.57 0.00	38.15 1.55 0.00	38.66 1.52 0.00	35.42 1.47 0.00	28.96 1.31 0.00	27.15 1.18 0.00	24.73 1.13 0.00	25.61 1.21 0.00	28.80 1.14 -0.05	29.06 0.88 -2.62	26.64 0.60 0.00	29.74 0.62 0.00	45.63 0.91 0.00	53.94 0.86 0.00	52.47 1.25 0.00	50.41 1.89 0.00	51.66 2.29 0.00	57.87 2.23 0.00	83.46 2.67 0.00	75.88 2.22 0.00	76.26 2.31 0.00	71.18 1.34 0.00	56.81 1.09 0.00
LOWVILLE_115KV_TB2 356335	42.18 -0.56 0.00	37.12 -0.45 0.00	36.38 -0.21 0.00	38.32 1.19 0.00	34.70 0.75 0.00	27.41 -0.24 0.00	25.33 -0.63 0.00	23.02 -0.58 0.00	23.84 -0.56 0.00	26.94 -0.67 0.00	24.87 -0.69 0.00	25.26 -0.77 0.00	28.54 -0.58 0.00	44.44 -0.29 0.00	52.89 -0.19 0.00	51.04 -0.17 0.00	-21.78 0.23 70.54	49.11 -0.26 0.00	56.34 0.70 0.00	83.62 2.82 -0.01	76.80 2.99 -0.14	76.94 2.69 -0.30	72.16 1.87 -0.44	56.27 0.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.22 2.48 0.00	39.68 2.11 0.00	38.66 2.06 0.00	39.19 2.06 0.00	35.89 1.94 0.00	29.32 1.67 0.00	27.49 1.53 0.00	25.07 1.46 0.00	25.97 1.57 0.00	29.25 1.60 -0.04	29.12 1.27 -2.29	27.05 1.01 0.00	30.22 1.10 0.00	46.52 1.79 0.00	55.04 1.95 0.00	53.53 2.31 0.00	51.52 3.00 0.00	52.72 3.35 0.00	59.26 3.62 0.00	85.68 4.89 0.00	77.92 4.25 0.00	78.19 4.24 0.00	72.99 3.15 0.00	58.14 2.41 0.00

LUTHERNY_35_KV_BK2 355980	45.25 2.51 0.00	39.66 2.09 0.00	38.68 2.09 0.00	39.20 2.06 0.00	35.88 1.93 0.00	29.31 1.66 0.00	27.49 1.52 0.00	25.10 1.49 0.00	26.01 1.62 0.00	29.28 1.63 -0.04	29.14 1.29 -2.29	27.07 1.03 0.00	30.25 1.14 0.00	46.59 1.87 0.00	55.10 2.01 0.00	53.68 2.47 0.00	51.62 3.10 0.00	52.78 3.41 0.00	59.36 3.72 0.00	85.83 5.04 0.00	78.03 4.37 0.00	78.17 4.22 0.00	72.99 3.15 0.00	58.20 2.47 0.00
LWR___OSWEGATCHIE_HYD 23850	42.44 -0.30 0.00	37.27 -0.31 0.00	36.38 -0.21 0.00	37.62 0.48 0.00	34.05 0.10 0.00	27.19 -0.46 0.00	25.34 -0.62 0.00	22.98 -0.63 0.00	23.79 -0.61 0.00	26.98 -0.63 0.00	24.95 -0.61 0.00	25.40 -0.64 0.00	28.45 -0.66 0.00	43.97 -0.76 0.00	52.50 -0.59 0.00	50.50 -0.71 0.00	-119.52 -1.16 166.88	47.79 -1.58 0.00	54.61 -1.03 0.00	80.76 -0.03 -0.01	74.38 0.61 -0.12	75.33 1.12 -0.25	71.13 0.91 -0.38	56.06 0.34 0.00
LYONS_FALL_HYD 23570	42.78 0.04 0.00	37.63 0.06 0.00	36.79 0.19 0.00	38.23 1.10 0.00	34.72 0.77 0.00	27.70 0.06 0.00	25.75 -0.21 0.00	23.43 -0.18 0.00	24.26 -0.14 0.00	27.42 -0.19 0.00	25.35 -0.21 0.00	25.78 -0.26 0.00	29.03 -0.09 0.00	45.00 0.27 0.00	53.49 0.40 0.00	51.70 0.49 0.00	2.10 0.82 47.24	49.93 0.56 0.00	56.99 1.35 0.00	83.94 3.14 -0.01	76.78 3.02 -0.10	76.84 2.67 -0.23	72.08 1.91 -0.33	56.56 0.84 0.00
MADISON___COUNTY_LFGE 323628	43.84 1.10 0.00	38.55 0.97 0.00	37.54 0.94 0.00	38.29 1.15 0.00	34.97 1.02 0.00	28.20 0.55 0.00	26.41 0.44 0.00	24.08 0.47 0.00	24.91 0.51 0.00	28.20 0.59 0.00	26.13 0.57 0.00	26.65 0.61 0.00	29.95 0.84 0.00	46.21 1.48 0.00	54.82 1.73 0.00	53.07 1.86 0.00	32.00 2.21 18.74	51.61 2.24 0.00	58.80 3.16 0.00	86.11 5.31 -0.01	78.26 4.46 -0.13	77.98 3.75 -0.28	73.04 2.84 -0.36	57.55 1.83 0.00
MALONE___115KV_TB1 356076	42.44 -0.30 0.00	36.99 -0.59 0.00	35.81 -0.78 0.00	36.23 -0.90 0.00	32.94 -1.01 0.00	26.69 -0.96 0.00	25.16 -0.81 0.00	22.81 -0.80 0.00	23.65 -0.75 0.00	27.05 -0.56 0.00	25.26 -0.30 0.00	25.98 -0.06 0.00	28.92 -0.20 0.00	44.32 -0.41 0.00	53.13 0.05 0.00	51.11 -0.10 0.00	-31.19 -0.90 78.81	47.97 -1.40 0.00	54.14 -1.50 0.00	79.75 -1.04 0.00	73.55 -0.11 0.00	74.63 0.68 0.00	70.84 1.00 0.00	57.01 1.29 0.00
MAPLEWOD_115KV_TB3 80458	44.55 1.80 0.00	39.16 1.59 0.00	38.12 1.52 0.00	38.64 1.49 0.00	35.42 1.47 0.00	28.93 1.28 0.00	27.08 1.11 0.00	24.65 1.04 0.00	25.51 1.11 0.00	28.73 1.07 -0.05	28.90 0.86 -2.48	26.67 0.63 0.00	29.76 0.65 0.00	45.62 0.90 0.00	53.90 0.82 0.00	52.44 1.23 0.00	50.34 1.81 0.00	51.60 2.23 0.00	57.83 2.19 0.00	83.44 2.65 0.00	75.80 2.14 0.00	76.07 2.12 0.00	71.09 1.25 0.00	56.66 0.93 0.00
MAPLE_RIDGE_WT_1 323574	41.69 -1.05 0.00	36.78 -0.80 0.00	35.91 -0.68 0.00	36.99 -0.15 0.00	33.78 -0.17 0.00	27.15 -0.50 0.00	25.38 -0.59 0.00	23.07 -0.53 0.00	23.90 -0.50 0.00	27.11 -0.49 0.00	25.11 -0.45 0.00	25.54 -0.50 0.00	28.63 -0.49 0.00	44.26 -0.46 0.00	52.71 -0.38 0.00	50.78 -0.42 0.00	54.40 -0.59 -6.46	48.67 -0.70 0.00	54.92 -0.72 0.00	80.04 -0.75 0.00	73.15 -0.52 0.00	73.35 -0.60 0.00	69.27 -0.57 0.00	55.20 -0.52 0.00
MAPLE_RIDGE_WT_2 323611	41.69 -1.05 0.00	36.78 -0.80 0.00	35.91 -0.68 0.00	36.99 -0.15 0.00	33.78 -0.17 0.00	27.15 -0.50 0.00	25.38 -0.59 0.00	23.07 -0.53 0.00	23.90 -0.50 0.00	27.11 -0.49 0.00	25.11 -0.45 0.00	25.54 -0.50 0.00	28.63 -0.49 0.00	44.26 -0.46 0.00	52.71 -0.38 0.00	50.78 -0.42 0.00	54.40 -0.59 -6.46	48.67 -0.70 0.00	54.92 -0.72 0.00	80.04 -0.75 0.00	73.15 -0.52 0.00	73.35 -0.60 0.00	69.27 -0.57 0.00	55.20 -0.52 0.00
MARBLE_RIVER_WT_PWR 323696	41.86 -0.88 0.00	36.39 -1.19 0.00	25.63 -1.45 9.52	20.74 -1.62 14.78	-0.55 -1.57 32.93	13.13 -1.31 13.22	24.88 -1.09 0.00	18.50 -1.11 4.01	23.31 -1.09 0.00	26.67 -0.94 0.00	24.96 -0.60 0.00	25.73 -0.31 0.00	28.65 -0.47 0.00	43.87 -0.86 0.00	52.59 -0.50 0.00	50.77 -0.44 0.00	47.51 -1.01 0.00	47.72 -1.65 0.00	53.83 -1.81 0.00	79.12 -1.67 0.00	72.90 -0.77 0.00	73.79 -0.16 0.00	70.16 0.32 0.00	56.50 0.78 0.00
MARSHVLE_115KV_TB1 80742	44.79 2.05 0.00	39.26 1.69 0.00	38.29 1.70 0.00	39.01 1.87 0.00	35.58 1.63 0.00	28.92 1.27 0.00	27.21 1.25 0.00	24.71 1.10 0.00	25.55 1.15 0.00	28.90 1.29 0.00	26.65 1.09 0.00	27.09 1.05 0.00	30.34 1.23 0.00	46.95 2.22 0.00	55.71 2.62 0.00	53.84 2.63 0.00	51.07 2.54 0.00	52.06 2.69 0.00	59.12 3.48 0.00	86.67 5.88 0.00	79.44 5.78 0.00	79.44 5.49 0.00	75.02 5.17 0.00	59.63 3.91 0.00
MARSH_HILL_WT_PWR 323713	40.66 -2.45 -0.37	35.33 -2.25 0.00	34.68 -2.03 -0.12	35.55 -2.20 -0.62	46.58 -2.07 -14.69	61.37 -1.62 -35.35	60.26 -1.41 -35.70	53.79 -1.29 -31.47	54.18 -1.37 -31.15	56.00 -1.31 -29.70	47.14 -0.70 -22.28	49.85 -0.40 -24.21	31.66 0.17 -2.37	45.58 0.86 0.00	53.93 0.84 0.00	51.57 0.36 0.00	48.60 0.08 0.00	53.14 -0.41 -4.18	56.70 1.06 0.00	84.64 3.84 0.00	78.97 5.22 -0.09	78.69 4.54 -0.19	73.96 3.83 -0.29	57.11 1.39 0.00
MCINTYRE_115KV_TB2 80467	43.60 0.86 0.00	38.22 0.65 0.00	37.15 0.56 0.00	37.62 0.48 0.00	34.11 0.16 0.00	27.58 -0.07 0.00	25.90 -0.07 0.00	23.48 -0.13 0.00	24.30 -0.10 0.00	27.54 -0.06 0.00	25.48 -0.08 0.00	26.00 -0.04 0.00	28.86 -0.25 0.00	44.28 -0.45 0.00	52.99 -0.09 0.00	50.78 -0.43 0.00	-229.55 -1.87 276.21	46.93 -2.44 0.00	53.44 -2.20 0.00	79.13 -1.67 0.00	73.50 -0.17 0.00	75.48 1.53 0.00	71.81 1.96 0.00	57.53 1.81 0.00
MECO_____69_KV_BK1 80468	45.60 2.86 0.00	39.98 2.41 0.00	38.92 2.33 0.00	39.56 2.42 0.00	36.15 2.20 0.00	29.44 1.79 0.00	27.67 1.70 0.00	25.12 1.51 0.00	26.01 1.62 0.00	29.29 1.68 0.00	26.82 1.27 0.00	27.13 1.09 0.00	30.24 1.12 0.00	47.04 2.31 0.00	55.92 2.84 0.00	54.18 2.96 0.00	51.60 3.07 0.00	53.04 3.67 0.00	60.19 4.55 0.00	88.00 7.21 0.00	80.62 6.95 0.00	80.68 6.74 0.00	75.78 5.93 0.00	60.09 4.37 0.00
MENANDS___115KV_TB5 355628	44.28 1.54 0.00	38.96 1.38 0.00	37.93 1.34 0.00	38.45 1.31 0.00	35.27 1.32 0.00	28.81 1.15 0.00	26.94 0.97 0.00	24.53 0.91 0.00	25.38 0.99 0.00	28.56 0.90 -0.05	28.74 0.70 -2.49	26.50 0.46 0.00	29.56 0.44 0.00	45.27 0.54 0.00	53.45 0.36 0.00	52.00 0.78 0.00	49.90 1.38 0.00	51.15 1.79 0.00	57.30 1.66 0.00	82.62 1.83 0.00	75.06 1.39 0.00	75.31 1.36 0.00	70.40 0.55 0.00	56.16 0.44 0.00
MG INDUSTRY___DRP 24185	44.18 1.44 0.00	38.87 1.30 0.00	37.86 1.27 0.00	38.44 1.30 0.00	35.24 1.29 0.00	28.78 1.13 0.00	26.93 0.96 0.00	24.47 0.86 0.00	25.29 0.89 0.00	28.43 0.82 0.00	26.18 0.63 0.00	26.47 0.43 0.00	29.49 0.37 0.00	45.17 0.45 0.00	53.40 0.31 0.00	52.01 0.80 0.00	49.74 1.21 0.00	50.94 1.57 0.00	57.24 1.61 0.00	82.69 1.90 0.00	75.14 1.48 0.00	75.36 1.41 0.00	70.66 0.82 0.00	56.32 0.60 0.00

MID___OSWEGATCHIE_HYD 23849	42.44 -0.30 0.00	37.27 -0.31 0.00	36.38 -0.21 0.00	37.62 0.48 0.00	34.05 0.10 0.00	27.19 -0.46 0.00	25.34 -0.62 0.00	22.98 -0.63 0.00	23.79 -0.61 0.00	26.98 -0.63 0.00	24.95 -0.61 0.00	25.40 -0.64 0.00	28.45 -0.66 0.00	43.97 -0.76 0.00	52.50 -0.59 0.00	50.50 -0.71 0.00	-119.52 -1.16 166.88	47.79 -1.58 0.00	54.61 -1.03 0.00	80.76 -0.03 -0.01	74.38 0.61 -0.12	75.33 1.12 -0.25	71.13 0.91 -0.38	56.06 0.34 0.00
MID___RAQUETTE_HYD 23851	42.69 -0.05 0.00	37.43 -0.15 0.00	36.40 -0.19 0.00	37.01 -0.13 0.00	33.48 -0.47 0.00	27.00 -0.65 0.00	25.35 -0.62 0.00	22.95 -0.66 0.00	23.77 -0.62 0.00	27.03 -0.58 0.00	25.11 -0.45 0.00	25.68 -0.36 0.00	28.57 -0.55 0.00	43.88 -0.85 0.00	52.55 -0.54 0.00	50.37 -0.83 0.00	-199.55 -2.22 245.86	46.72 -2.64 0.00	53.09 -2.55 0.00	78.07 -2.73 0.00	72.03 -1.70 -0.06	73.82 -0.26 -0.13	70.26 0.23 -0.19	56.16 0.44 0.00
MILLIKEN___1 23584	43.63 0.86 -0.03	38.26 0.69 0.00	37.28 0.68 -0.01	37.87 0.68 -0.05	35.76 0.73 -1.08	30.82 0.58 -2.59	29.23 0.65 -2.62	26.54 0.63 -2.31	27.35 0.66 -2.29	30.59 0.77 -2.21	27.44 0.70 -1.19	26.80 0.76 0.00	30.14 1.03 0.00	46.39 1.67 0.00	54.72 1.63 0.00	52.78 1.57 0.00	45.69 1.99 4.82	51.69 2.13 -0.19	58.68 3.04 0.00	85.74 4.93 -0.01	78.55 4.65 -0.23	78.73 4.26 -0.52	74.02 3.40 -0.77	57.90 2.17 0.00
MILLIKEN___2 23585	43.63 0.86 -0.03	38.26 0.69 0.00	37.28 0.68 -0.01	37.87 0.68 -0.05	35.76 0.73 -1.08	30.82 0.58 -2.59	29.23 0.65 -2.62	26.54 0.63 -2.31	27.35 0.66 -2.29	30.59 0.77 -2.21	27.44 0.70 -1.19	26.80 0.76 0.00	30.14 1.03 0.00	46.39 1.67 0.00	54.72 1.63 0.00	52.78 1.57 0.00	45.69 1.99 4.82	51.69 2.13 -0.19	58.68 3.04 0.00	85.74 4.93 -0.01	78.55 4.65 -0.23	78.73 4.26 -0.52	74.02 3.40 -0.77	57.90 2.17 0.00
MILLIKEN___DIESEL 23629	43.63 0.86 -0.03	38.26 0.69 0.00	37.28 0.68 -0.01	37.87 0.68 -0.05	35.76 0.73 -1.08	30.82 0.58 -2.59	29.23 0.65 -2.62	26.54 0.63 -2.31	27.35 0.66 -2.29	30.59 0.77 -2.21	27.44 0.70 -1.19	26.80 0.76 0.00	30.14 1.03 0.00	46.39 1.67 0.00	54.72 1.63 0.00	52.78 1.57 0.00	45.69 1.99 4.82	51.69 2.13 -0.19	58.68 3.04 0.00	85.74 4.93 -0.01	78.55 4.65 -0.23	78.73 4.26 -0.52	74.02 3.40 -0.77	57.90 2.17 0.00
MILLSEAT___LFGE 323607	42.61 -0.06 0.07	37.44 -0.14 0.00	36.29 -0.28 0.02	36.62 -0.41 0.12	31.09 -0.08 2.78	20.93 -0.04 6.68	19.28 0.06 6.75	17.85 0.19 5.95	18.81 0.30 5.89	22.50 0.48 5.60	23.58 0.48 2.45	28.90 0.75 -2.11	30.38 1.06 -0.21	46.80 2.08 0.00	56.11 3.02 0.00	53.62 2.41 0.00	51.19 2.66 0.00	51.49 2.46 0.33	58.82 3.18 0.00	86.53 5.74 0.00	79.63 5.97 0.00	79.27 5.32 0.00	74.88 5.03 0.00	58.81 3.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.67 2.93 0.00	40.18 2.60 0.00	38.99 2.39 0.00	39.38 2.24 0.00	36.16 2.21 0.00	29.59 1.94 0.00	27.81 1.84 0.00	25.44 1.83 0.00	26.32 1.93 0.00	29.80 1.86 -0.33	44.53 1.56 -17.41	27.37 1.33 0.00	30.68 1.56 0.00	47.33 2.60 0.00	55.46 2.37 0.00	54.10 2.89 0.00	52.15 3.62 0.00	53.51 4.13 0.00	59.97 4.33 0.00	86.05 5.26 0.00	77.79 4.12 0.00	77.65 3.70 0.00	72.71 2.87 0.00	57.94 2.21 0.00
MILLWOOD_13_KV_LOAD 356217	45.76 3.02 0.00	40.25 2.68 0.00	39.05 2.46 0.00	39.44 2.30 0.00	36.22 2.27 0.00	29.65 1.99 0.00	27.85 1.88 0.00	25.48 1.88 0.00	26.37 1.97 0.00	29.86 1.92 -0.33	44.59 1.62 -17.41	27.43 1.39 0.00	30.73 1.62 0.00	47.43 2.70 0.00	55.59 2.51 0.00	54.23 3.01 0.00	52.28 3.76 0.00	53.66 4.29 0.00	60.16 4.52 0.00	86.31 5.52 0.00	78.03 4.37 0.00	77.88 3.93 0.00	72.90 3.06 0.00	58.09 2.37 0.00
MODEL_CITY_ENERGY 24167	41.09 -1.56 0.08	36.16 -1.42 0.00	35.03 -1.53 0.03	35.31 -1.68 0.14	29.38 -1.14 3.43	18.48 -0.92 8.25	16.87 -0.77 8.33	15.71 -0.56 7.34	16.65 -0.48 7.27	20.35 -0.36 6.91	22.11 -0.21 3.23	27.77 -0.11 -1.84	29.45 0.15 -0.18	45.44 0.72 0.00	54.57 1.48 0.00	52.04 0.82 0.00	49.61 1.08 0.00	49.54 0.63 0.46	56.48 0.84 0.00	82.81 2.02 0.00	76.14 2.48 0.00	75.85 1.90 0.00	71.93 2.09 0.00	56.70 0.98 0.00
MODERN_LFGE___ 323580	41.09 -1.56 0.08	36.16 -1.42 0.00	35.03 -1.53 0.03	35.31 -1.68 0.14	29.38 -1.14 3.43	18.48 -0.92 8.25	16.87 -0.77 8.33	15.71 -0.56 7.34	16.65 -0.48 7.27	20.35 -0.36 6.91	22.11 -0.21 3.23	27.77 -0.11 -1.84	29.45 0.15 -0.18	45.44 0.72 0.00	54.57 1.48 0.00	52.04 0.82 0.00	49.61 1.08 0.00	49.54 0.63 0.46	56.48 0.84 0.00	82.81 2.02 0.00	76.14 2.48 0.00	75.85 1.90 0.00	71.93 2.09 0.00	56.70 0.98 0.00
MOHAWK_PAPER___DRP 24187	44.55 1.80 0.00	39.16 1.59 0.00	38.12 1.52 0.00	38.64 1.49 0.00	35.42 1.47 0.00	28.93 1.28 0.00	27.08 1.11 0.00	24.65 1.04 0.00	25.51 1.11 0.00	28.73 1.07 -0.05	28.90 0.86 -2.48	26.67 0.63 0.00	29.76 0.65 0.00	45.62 0.90 0.00	53.90 0.82 0.00	52.44 1.23 0.00	50.34 1.81 0.00	51.60 2.23 0.00	57.83 2.19 0.00	83.44 2.65 0.00	75.80 2.14 0.00	76.07 2.12 0.00	71.09 1.25 0.00	56.66 0.93 0.00
MOHICAN___35_KV_115KV_LD 80490	45.75 3.01 0.00	40.10 2.53 0.00	39.06 2.47 0.00	39.60 2.46 0.00	36.28 2.32 0.00	29.64 1.99 0.00	27.76 1.79 0.00	25.33 1.72 0.00	26.29 1.89 0.00	29.60 1.95 -0.04	29.31 1.49 -2.27	27.12 1.08 0.00	30.28 1.16 0.00	46.64 1.91 0.00	55.27 2.18 0.00	53.76 2.55 0.00	52.15 3.62 0.00	53.45 4.08 0.00	60.11 4.47 0.00	86.82 6.03 0.00	79.06 5.39 0.00	79.57 5.62 0.00	73.91 4.06 0.00	58.89 3.17 0.00
MONGAUP___HYD 23641	45.89 3.15 0.00	40.31 2.74 0.00	39.10 2.51 0.00	39.54 2.40 0.00	36.27 2.32 0.00	29.65 2.00 0.00	27.87 1.90 0.00	25.47 1.86 0.00	26.38 1.98 0.00	29.16 1.99 0.44	4.28 1.70 22.97	27.42 1.38 0.00	30.67 1.55 0.00	47.09 2.37 0.00	54.98 1.90 0.00	53.41 2.20 0.00	51.62 3.10 0.00	52.89 3.52 0.00	59.78 4.14 0.00	86.68 5.89 0.00	78.61 4.95 0.00	78.63 4.69 0.00	74.20 4.35 0.00	58.79 3.06 0.00
MONTAUK___DIESEL 23721	45.85 3.10 0.00	40.03 2.46 0.00	38.52 1.92 0.00	38.64 1.50 0.00	35.54 1.59 0.00	29.07 1.42 0.00	27.48 1.51 0.00	25.25 1.65 0.00	26.26 1.86 0.00	29.73 1.81 -0.32	43.94 1.79 -16.59	27.39 1.36 0.00	30.62 1.50 0.00	47.43 2.71 0.00	55.60 2.52 0.00	54.34 3.13 0.00	52.38 3.86 0.00	54.85 5.49 0.00	61.31 5.67 0.00	86.88 6.30 0.22	76.49 3.93 1.10	77.37 4.38 0.96	70.94 4.64 3.55	54.25 3.74 5.21
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.45 -2.22 0.07	35.56 -2.02 0.00	34.85 -1.73 0.02	35.50 -1.52 0.11	29.86 -1.42 2.68	20.18 -1.03 6.44	18.67 -0.79 6.50	17.27 -0.60 5.73	18.03 -0.70 5.67	21.56 -0.65 5.39	22.80 -0.51 2.24	28.36 -0.07 -2.40	29.87 0.52 -0.23	46.76 2.03 0.00	56.30 3.22 0.00	54.40 3.19 0.00	51.88 3.36 0.00	51.47 2.40 0.30	59.05 3.41 0.00	85.55 4.76 0.00	79.30 5.64 0.00	79.37 5.42 0.00	75.38 5.54 0.00	58.74 3.02 0.00

MORRIS_RIDGE___SOLAR 323848	40.23 -1.91 0.59	35.89 -1.69 0.00	34.77 -1.64 0.19	34.40 -1.75 1.00	8.57 -1.55 23.84	-30.90 -1.21 57.35	-33.00 -1.06 57.91	-28.39 -0.94 51.06	-27.12 -0.99 50.53	-21.46 -1.05 48.02	-10.80 -0.73 35.63	-11.99 -0.58 37.45	25.25 -0.20 3.67	45.07 0.34 0.00	53.60 0.52 0.00	51.32 0.11 0.00	48.64 0.11 0.00	42.24 -0.48 6.65	56.19 0.56 0.00	83.37 2.57 0.00	77.43 3.70 -0.07	77.14 3.04 -0.15	72.65 2.58 -0.22	56.66 0.93 0.00
MORTIMER_115KV_TB3 55949	42.77 0.03 0.00	37.56 -0.01 0.00	36.50 -0.09 0.00	36.98 -0.16 0.00	33.90 -0.05 0.00	27.61 -0.04 0.00	26.02 0.05 0.00	23.77 0.16 0.00	24.63 0.23 0.00	28.02 0.41 0.00	26.81 0.51 -0.74	29.72 0.86 -2.82	30.54 1.14 -0.28	46.75 2.02 0.00	55.80 2.72 0.00	53.66 2.45 0.00	51.26 2.73 0.00	52.10 2.53 -0.19	58.84 3.20 0.00	86.04 5.25 0.00	78.75 5.08 0.00	78.46 4.51 0.00	73.85 4.01 0.00	58.20 2.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.97 3.23 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.57 2.43 0.00	36.34 2.39 0.00	29.76 2.11 0.00	27.97 2.00 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.98 2.06 -0.32	43.94 1.76 -16.62	27.58 1.54 0.00	30.89 1.77 0.00	47.63 2.91 0.00	55.78 2.69 0.00	54.39 3.18 0.00	52.45 3.93 0.00	53.74 4.38 0.00	60.22 4.58 0.00	86.27 5.48 0.00	77.94 4.27 0.00	77.78 3.84 0.00	72.81 2.96 0.00	58.16 2.44 0.00
MUNSVILLE_WIND_PWR 323609	44.64 1.89 -0.02	39.01 1.44 0.00	37.77 1.17 -0.01	38.24 1.07 -0.03	36.06 1.34 -0.77	30.74 1.23 -1.86	29.47 1.62 -1.88	26.67 1.40 -1.66	27.09 1.05 -1.64	30.57 1.42 -1.53	25.17 1.43 1.83	26.70 1.67 1.01	30.90 1.88 0.10	47.78 3.06 0.00	56.48 3.40 0.00	54.56 3.35 0.00	52.32 3.79 0.00	53.91 4.48 -0.06	61.84 6.20 0.00	91.05 10.25 -0.01	83.64 9.82 -0.15	83.38 9.09 -0.34	78.02 7.67 -0.51	60.87 5.15 0.00
N SALMON___HYD 24042	42.44 -0.30 0.00	36.99 -0.59 0.00	35.81 -0.79 0.00	36.23 -0.90 0.00	32.94 -1.01 0.00	26.69 -0.96 0.00	25.16 -0.81 0.00	22.81 -0.80 0.00	23.65 -0.75 0.00	27.05 -0.56 0.00	25.26 -0.30 0.00	25.98 -0.06 0.00	28.92 -0.20 0.00	44.32 -0.41 0.00	53.13 0.05 0.00	51.11 -0.10 0.00	-31.19 -0.90 78.81	47.97 -1.41 0.00	54.14 -1.50 0.00	79.76 -1.04 0.00	73.55 -0.11 0.00	74.63 0.68 0.00	70.85 1.00 0.00	57.01 1.29 0.00
N.AKRON__115KV_KNAPP 355671	42.30 -0.37 0.07	37.17 -0.41 0.00	36.04 -0.53 0.02	36.33 -0.68 0.13	30.64 -0.31 3.00	20.16 -0.26 7.23	18.53 -0.14 7.30	17.20 0.02 6.43	18.14 0.11 6.37	21.86 0.30 6.05	23.12 0.28 2.71	28.66 0.58 -2.04	30.22 0.90 -0.20	46.59 1.87 0.00	55.86 2.78 0.00	53.35 2.14 0.00	50.89 2.36 0.00	51.03 2.03 0.37	58.28 2.64 0.00	85.65 4.86 0.00	78.82 5.15 0.00	78.46 4.52 0.00	74.21 4.37 0.00	58.33 2.61 0.00
N.E_GEN_SANDY PD 24062	45.86 1.99 -1.14	39.34 1.77 0.00	38.33 1.73 0.00	38.76 1.62 0.00	35.57 1.62 0.00	29.11 1.46 0.00	27.22 1.34 0.09	24.93 1.33 0.00	25.81 1.41 0.00	29.05 1.32 -0.12	34.14 1.03 -7.56	24.29 0.70 2.44	29.85 0.74 0.00	45.46 1.06 0.33	53.92 0.83 0.00	52.42 1.33 0.12	50.22 2.08 0.39	51.70 2.64 0.31	57.43 2.49 0.70	83.50 2.71 0.00	72.17 2.03 3.53	78.09 2.05 -2.09	70.89 1.04 0.00	54.83 0.88 1.77
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.68 2.94 0.00	40.20 2.63 0.00	39.00 2.41 0.00	39.40 2.26 0.00	36.19 2.24 0.00	29.60 1.95 0.00	27.81 1.84 0.00	25.44 1.83 0.00	26.33 1.93 0.00	28.89 1.85 0.57	-2.68 1.52 29.76	27.34 1.30 0.00	30.68 1.56 0.00	47.41 2.69 0.00	55.58 2.50 0.00	54.26 3.05 0.00	52.31 3.79 0.00	53.68 4.31 0.00	60.17 4.53 0.00	86.34 5.55 0.00	78.04 4.38 0.00	77.87 3.92 0.00	72.92 3.08 0.00	58.03 2.30 0.00
N.QUEENS_27_KV_LOAD 356247	46.07 3.33 0.00	40.54 2.96 0.00	39.24 2.64 0.00	39.63 2.49 0.00	36.42 2.47 0.00	29.97 2.31 0.00	28.06 2.09 0.00	25.66 2.05 0.00	26.53 2.13 0.00	30.03 2.10 -0.32	43.95 1.76 -16.64	27.59 1.55 0.00	31.01 1.89 0.00	47.84 3.12 0.00	55.92 2.83 0.00	54.52 3.31 0.00	52.65 4.13 0.00	53.92 4.55 0.00	60.32 4.67 -0.01	86.62 5.74 -0.09	78.61 4.52 -0.43	78.00 4.04 -0.01	72.98 3.13 -0.01	58.42 2.70 0.00
N.TROY___115KV_TB1 355778	44.54 1.79 0.00	39.14 1.57 0.00	38.15 1.55 0.00	38.66 1.52 0.00	35.42 1.47 0.00	28.96 1.31 0.00	27.15 1.18 0.00	24.74 1.13 0.00	25.61 1.21 0.00	28.80 1.15 -0.05	29.06 0.89 -2.62	26.64 0.60 0.00	29.74 0.62 0.00	45.64 0.91 0.00	53.95 0.86 0.00	52.47 1.26 0.00	50.41 1.89 0.00	51.66 2.29 0.00	57.87 2.23 0.00	83.46 2.67 0.00	75.88 2.22 0.00	76.27 2.32 0.00	71.19 1.34 0.00	56.81 1.09 0.00
NARROWS_GT1_1 24228	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT1_2 24229	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT1_3 24230	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT1_4 24231	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT1_5 24232	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00

NARROWS_GT1_6 24233	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT1_7 24234	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT1_8 24235	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT2_1 24236	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT2_2 24237	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT2_3 24238	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT2_4 24239	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT2_5 24240	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT2_6 24241	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT2_7 24242	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NARROWS_GT2_8 24243	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.67 2.07 0.00	26.59 2.19 0.00	30.08 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.05 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.57 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.85 4.20 0.01	77.70 3.76 0.01	72.73 2.89 0.01	58.09 2.37 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.18 2.44 0.00	39.68 2.10 0.00	38.62 2.03 0.00	39.16 2.02 0.00	35.89 1.94 0.00	29.30 1.65 0.00	27.40 1.43 0.00	24.94 1.33 0.00	25.81 1.41 0.00	28.99 1.38 0.00	26.72 1.16 0.00	26.92 0.89 0.00	29.88 0.76 0.00	45.78 1.05 0.00	54.16 1.08 0.00	52.99 1.78 0.00	50.76 2.23 0.00	52.32 2.95 0.00	59.01 3.37 0.00	85.36 4.57 0.00	77.56 3.90 0.00	77.69 3.74 0.00	72.56 2.72 0.00	57.62 1.90 0.00
NCHELSEA_115KV_TR2 355582	46.00 3.27 0.00	40.44 2.87 0.00	39.25 2.66 0.00	39.67 2.53 0.00	36.41 2.46 0.00	29.78 2.13 0.00	27.99 2.02 0.00	25.60 1.99 0.00	26.49 2.09 0.00	29.70 2.09 0.00	27.33 1.77 0.00	27.58 1.54 0.00	30.92 1.81 0.00	47.71 2.98 0.00	56.05 2.96 0.00	54.69 3.48 0.00	52.80 4.27 0.00	54.26 4.89 0.00	60.86 5.22 0.00	87.44 6.65 0.00	79.06 5.40 0.00	78.91 4.96 0.00	73.76 3.91 0.00	58.63 2.91 0.00
NEG CAPITAL____MECHNVIL 23645	45.31 2.57 0.00	39.77 2.19 0.00	38.73 2.14 0.00	39.26 2.12 0.00	35.95 2.00 0.00	29.37 1.72 0.00	27.54 1.58 0.00	25.10 1.50 0.00	26.00 1.60 0.00	29.31 1.65 -0.05	29.29 1.33 -2.40	27.12 1.08 0.00	30.31 1.20 0.00	46.64 1.92 0.00	55.19 2.10 0.00	53.67 2.46 0.00	51.67 3.14 0.00	52.89 3.52 0.00	59.38 3.74 0.00	85.84 5.05 0.00	78.09 4.43 0.00	78.34 4.39 0.00	73.08 3.24 0.00	58.19 2.47 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.04 -0.71 0.00	36.91 -0.67 0.00	35.90 -0.70 0.00	36.40 -0.74 0.00	33.35 -0.60 0.00	27.19 -0.46 0.00	25.61 -0.36 0.00	23.38 -0.22 0.00	24.25 -0.15 0.00	27.57 -0.04 0.00	26.22 0.09 -0.57	28.60 0.39 -2.17	29.93 0.60 -0.21	45.86 1.14 0.00	54.65 1.56 0.00	52.66 1.44 0.00	46.05 1.80 4.27	51.14 1.62 -0.15	57.85 2.21 0.00	84.48 3.68 0.00	77.22 3.56 0.00	76.94 2.99 0.00	72.30 2.46 0.00	56.98 1.26 0.00



NEG CENTRAL___DRP 24199	42.95 0.18 -0.03	37.68 0.11 0.00	36.72 0.11 -0.01	37.32 0.12 -0.06	35.52 0.18 -1.39	31.15 0.16 -3.34	29.58 0.24 -3.37	26.86 0.27 -2.98	27.66 0.32 -2.94	30.84 0.40 -2.83	28.23 0.42 -2.25	29.39 0.57 -2.78	30.30 0.91 -0.27	46.31 1.58 0.00	54.67 1.59 0.00	52.83 1.61 0.00	45.47 2.02 5.07	51.73 1.93 -0.43	58.43 2.79 0.00	85.32 4.51 -0.01	78.25 4.36 -0.24	78.31 3.84 -0.52	73.68 3.06 -0.78	57.47 1.75 0.00
NEG CENTRAL___INDECK 23768	43.77 0.66 -0.38	38.07 0.49 0.00	37.13 0.42 -0.12	38.07 0.30 -0.63	49.34 0.32 -15.07	64.21 0.32 -36.24	62.97 0.40 -36.60	56.13 0.25 -32.27	56.30 -0.03 -31.93	57.91 -0.11 -30.41	49.33 0.53 -23.24	52.89 0.48 -26.37	32.27 0.57 -2.58	45.78 1.06 0.00	54.73 1.64 0.00	52.37 1.16 0.00	49.80 1.28 0.00	54.76 0.99 -4.39	57.59 1.96 0.00	85.73 4.93 0.00	79.79 6.12 0.00	79.60 5.65 0.00	74.64 4.79 0.00	58.39 2.67 0.00
NEG CENTRAL___SENECA 23627	43.02 0.23 -0.06	37.74 0.16 0.00	36.72 0.11 -0.02	37.35 0.12 -0.09	36.34 0.17 -2.22	33.17 0.18 -5.33	31.60 0.25 -5.39	28.65 0.30 -4.75	29.45 0.36 -4.70	32.60 0.47 -4.52	29.61 0.53 -3.52	30.93 0.72 -4.17	30.66 1.13 -0.41	46.70 1.98 0.00	55.03 1.95 0.00	53.14 1.93 0.00	46.37 2.34 4.50	52.25 2.21 -0.67	58.91 3.27 0.00	86.10 5.30 -0.01	78.97 5.17 -0.13	78.80 4.56 -0.29	74.01 3.74 -0.43	57.84 2.12 0.00
NEG CENTRAL___STATE_STREET 24147	43.21 0.47 0.00	37.84 0.27 0.00	36.99 0.39 0.00	37.48 0.34 0.00	34.42 0.47 0.00	27.95 0.30 0.00	26.38 0.41 0.00	24.02 0.41 0.00	24.84 0.44 0.00	28.11 0.51 0.00	26.28 0.40 -0.32	27.73 0.47 -1.23	29.99 0.75 -0.12	46.01 1.28 0.00	54.33 1.24 0.00	52.62 1.41 0.00	44.89 1.83 5.46	51.15 1.70 -0.08	58.07 2.43 0.00	84.87 4.06 -0.02	77.82 3.85 -0.31	78.15 3.52 -0.68	73.42 2.55 -1.02	57.38 1.65 0.00
NEG MILLWOOD___DRP 24198	46.14 3.40 0.00	40.54 2.97 0.00	39.33 2.73 0.00	39.73 2.60 0.00	36.47 2.52 0.00	29.83 2.18 0.00	28.04 2.08 0.00	25.66 2.05 0.00	26.57 2.17 0.00	29.92 2.18 -0.13	34.28 1.87 -6.85	27.69 1.65 0.00	31.06 1.94 0.00	47.96 3.23 0.00	56.33 3.24 0.00	54.97 3.76 0.00	53.06 4.54 0.00	54.54 5.17 0.00	61.15 5.51 0.00	87.79 7.00 0.00	79.36 5.70 0.00	79.18 5.23 0.00	73.98 4.14 0.00	58.80 3.08 0.00
NEG NORTH_FLCN_SEA 23793	42.37 -0.37 0.00	36.73 -0.85 0.00	35.48 -1.11 0.00	35.83 -1.31 0.00	32.69 -1.26 0.00	26.63 -1.02 0.00	25.16 -0.80 0.00	22.72 -0.89 0.00	23.49 -0.91 0.00	26.96 -0.65 0.00	25.23 -0.33 0.00	25.93 -0.11 0.00	28.93 -0.19 0.00	44.34 -0.39 0.00	53.14 0.05 0.00	51.42 0.20 0.00	48.21 -0.31 0.00	48.40 -0.97 0.00	54.61 -1.03 0.00	80.14 -0.66 0.00	73.95 0.29 0.00	74.84 0.89 0.00	71.01 1.17 0.00	57.38 1.66 0.00
NEG NORTH_KES_CHATEGAY 23792	41.88 -0.86 0.00	36.45 -1.13 0.00	35.25 -1.35 0.00	35.62 -1.52 0.00	32.43 -1.53 0.00	26.38 -1.27 0.00	24.91 -1.06 0.00	22.54 -1.07 0.00	23.36 -1.04 0.00	26.71 -0.90 0.00	24.96 -0.60 0.00	25.72 -0.32 0.00	28.60 -0.52 0.00	43.79 -0.94 0.00	52.51 -0.57 0.00	50.63 -0.58 0.00	24.99 -1.20 22.33	47.52 -1.84 0.00	53.62 -2.02 0.00	79.01 -1.78 0.00	72.89 -0.77 0.00	73.83 -0.12 0.00	70.26 0.41 0.00	56.56 0.84 0.00
NEG NORTH___ALICE_FALLS 23915	42.49 -0.25 0.00	36.85 -0.72 0.00	35.59 -1.01 0.00	35.94 -1.20 0.00	32.77 -1.18 0.00	26.69 -0.97 0.00	25.22 -0.75 0.00	22.77 -0.84 0.00	23.56 -0.84 0.00	27.06 -0.55 0.00	25.29 -0.27 0.00	26.02 -0.02 0.00	28.99 -0.13 0.00	44.43 -0.30 0.00	53.27 0.18 0.00	51.55 0.33 0.00	43.37 -0.23 4.92	48.49 -0.88 0.00	54.86 -0.78 0.00	80.54 -0.25 0.00	74.37 0.70 0.00	75.24 1.29 0.00	71.36 1.52 0.00	57.64 1.92 0.00
NEG NORTH___LWR_SARANAC 23913	42.49 -0.25 0.00	36.85 -0.72 0.00	35.59 -1.01 0.00	35.94 -1.20 0.00	32.77 -1.18 0.00	26.69 -0.97 0.00	25.22 -0.75 0.00	22.77 -0.84 0.00	23.56 -0.84 0.00	27.06 -0.55 0.00	25.29 -0.27 0.00	26.02 -0.02 0.00	28.99 -0.13 0.00	44.43 -0.30 0.00	53.27 0.18 0.00	51.55 0.33 0.00	43.37 -0.23 4.92	48.49 -0.88 0.00	54.86 -0.78 0.00	80.54 -0.25 0.00	74.37 0.70 0.00	75.24 1.29 0.00	71.36 1.52 0.00	57.64 1.92 0.00
NEG NORTH___PLATTSBURG 23628	42.49 -0.25 0.00	36.85 -0.72 0.00	35.59 -1.01 0.00	35.94 -1.20 0.00	32.77 -1.18 0.00	26.69 -0.97 0.00	25.22 -0.75 0.00	22.77 -0.84 0.00	23.56 -0.84 0.00	27.06 -0.55 0.00	25.29 -0.27 0.00	26.02 -0.02 0.00	28.99 -0.13 0.00	44.43 -0.30 0.00	53.27 0.18 0.00	51.54 0.33 0.00	43.37 -0.23 4.92	48.49 -0.88 0.00	54.86 -0.78 0.00	80.54 -0.25 0.00	74.37 0.70 0.00	75.24 1.29 0.00	71.36 1.52 0.00	57.63 1.91 0.00
NEG WEST_LEA_LOCKPORT 23791	41.43 -1.22 0.09	36.47 -1.11 0.00	35.35 -1.22 0.03	35.61 -1.38 0.16	29.26 -0.97 3.72	17.90 -0.81 8.94	16.28 -0.66 9.03	15.19 -0.45 7.96	16.13 -0.39 7.88	19.87 -0.25 7.49	21.84 -0.19 3.52	28.00 0.06 -1.90	29.63 0.32 -0.19	45.73 1.01 0.00	54.86 1.77 0.00	52.32 1.11 0.00	49.85 1.33 0.00	49.67 0.81 0.51	56.80 1.16 0.00	83.36 2.57 0.00	76.71 3.04 0.00	76.39 2.44 0.00	72.39 2.55 0.00	57.02 1.30 0.00
NEG WEST___LANCASTR 23811	41.37 -1.29 0.08	36.47 -1.10 0.00	35.38 -1.19 0.03	35.67 -1.32 0.14	29.52 -1.08 3.35	18.70 -0.90 8.05	17.09 -0.75 8.13	15.88 -0.55 7.17	16.84 -0.47 7.10	20.54 -0.32 6.75	22.11 -0.20 3.25	27.72 0.09 -1.58	29.73 0.46 -0.15	45.92 1.20 0.00	54.77 1.69 0.00	52.62 1.41 0.00	50.21 1.68 0.00	50.04 1.14 0.46	57.33 1.69 0.00	83.84 3.05 0.00	76.90 3.23 0.00	76.52 2.57 0.00	72.44 2.59 0.00	56.86 1.13 0.00
NEG_PENN_ALLEGHNY 23528	43.15 0.40 0.00	37.94 0.37 0.00	36.91 0.31 0.00	37.49 0.35 0.00	34.36 0.40 0.00	28.02 0.37 0.00	26.38 0.41 0.00	24.00 0.40 0.00	24.81 0.41 0.00	27.99 0.42 0.05	22.82 0.41 3.15	23.95 0.45 2.54	29.58 0.71 0.25	46.00 1.27 0.00	54.29 1.21 0.00	52.58 1.37 0.00	50.32 1.80 0.00	51.10 1.91 0.17	58.12 2.48 0.00	84.41 3.61 -0.01	77.09 3.28 -0.15	77.07 2.79 -0.33	72.64 2.31 -0.49	56.93 1.20 0.00
NEG___GEN_MONROE 24207	43.08 0.34 0.00	37.80 0.22 0.00	36.72 0.12 0.00	37.18 0.04 0.00	34.13 0.17 0.00	27.79 0.14 0.00	26.19 0.22 0.00	23.93 0.32 0.00	24.80 0.40 0.00	28.22 0.61 0.00	26.96 0.67 -0.73	29.85 1.02 -2.78	30.67 1.28 -0.27	47.01 2.28 0.00	56.18 3.09 0.00	53.98 2.77 0.00	51.56 3.04 0.00	52.45 2.89 -0.19	59.29 3.65 0.00	86.91 6.11 0.00	79.71 6.05 0.00	87.68 5.47 -8.26	74.74 4.90 0.00	58.86 3.14 0.00
NEPA___ENERGY 23901	41.78 -0.88 0.08	36.80 -0.78 0.00	35.74 -0.83 0.03	36.24 -0.77 0.13	30.23 -0.57 3.15	19.60 -0.46 7.59	17.96 -0.34 7.66	16.64 -0.21 6.76	17.53 -0.18 6.68	21.10 -0.14 6.36	22.44 -0.08 3.04	27.46 0.18 -1.24	29.99 0.75 -0.12	46.58 1.85 0.00	55.41 2.33 0.00	53.58 2.38 0.00	51.14 2.62 0.00	50.86 1.95 0.45	58.39 2.75 0.00	85.01 4.22 0.00	78.02 4.35 0.00	77.71 3.76 0.00	73.67 3.83 0.00	57.52 1.80 0.00

NEVERSINK___HYD 23608	45.15 2.41 0.00	39.68 2.10 0.00	38.49 1.90 0.00	38.92 1.78 0.00	35.71 1.76 0.00	29.20 1.54 0.00	27.45 1.48 0.00	25.09 1.48 0.00	25.99 1.59 0.00	28.96 1.54 0.19	16.56 1.14 10.14	26.25 0.21 0.00	29.43 0.31 0.00	45.35 0.62 0.00	53.19 0.10 0.00	51.80 0.59 0.00	50.29 1.77 0.00	53.07 3.70 0.00	59.68 4.04 0.00	86.01 5.22 0.00	77.81 4.15 0.00	77.65 3.70 0.00	72.72 2.87 0.00	57.72 2.00 0.00
NEWKRMKL_115KV_TB1 55635	44.23 1.49 0.00	38.92 1.35 0.00	37.88 1.29 0.00	38.41 1.27 0.00	35.22 1.27 0.00	28.75 1.10 0.00	26.85 0.89 0.00	24.44 0.83 0.00	25.29 0.89 0.00	28.47 0.82 -0.05	28.56 0.62 -2.37	26.44 0.40 0.00	29.51 0.39 0.00	45.19 0.46 0.00	53.34 0.25 0.00	51.91 0.70 0.00	49.80 1.28 0.00	51.04 1.67 0.00	57.20 1.56 0.00	82.49 1.70 0.00	74.92 1.26 0.00	75.14 1.19 0.00	70.29 0.44 0.00	56.03 0.31 0.00
NEWTON___FALLS_HYD 23847	42.44 -0.30 0.00	37.27 -0.31 0.00	36.38 -0.21 0.00	37.62 0.48 0.00	34.05 0.10 0.00	27.19 -0.46 0.00	25.34 -0.62 0.00	22.98 -0.63 0.00	23.79 -0.61 0.00	26.98 -0.63 0.00	24.95 -0.61 0.00	25.40 -0.64 0.00	28.45 -0.66 0.00	43.97 -0.76 0.00	52.50 -0.59 0.00	50.50 -0.71 0.00	-119.52 -1.16 166.88	47.79 -1.58 0.00	54.61 -1.03 0.00	80.76 -0.03 -0.01	74.38 0.61 -0.12	75.33 1.12 -0.25	71.13 0.91 -0.38	56.06 0.34 0.00
NGRID_A1_DSASP 323792	40.89 -1.76 0.08	36.03 -1.55 0.00	34.90 -1.67 0.03	35.19 -1.80 0.14	29.18 -1.35 3.42	18.31 -1.12 8.23	16.70 -0.96 8.31	15.56 -0.72 7.32	16.51 -0.64 7.25	20.22 -0.50 6.89	22.03 -0.28 3.25	27.51 -0.21 -1.68	29.54 0.25 -0.16	45.70 0.98 0.00	54.60 1.51 0.00	51.88 0.66 0.00	49.28 0.76 0.00	49.01 0.11 0.47	56.00 0.36 0.00	81.95 1.16 0.00	75.33 1.67 0.00	75.03 1.09 0.00	71.22 1.38 0.00	56.25 0.53 0.00
NGRID_A2_DSASP 323793	40.89 -1.76 0.08	36.03 -1.55 0.00	34.90 -1.67 0.03	35.19 -1.80 0.14	29.18 -1.35 3.42	18.31 -1.12 8.23	16.70 -0.96 8.31	15.56 -0.72 7.32	16.51 -0.64 7.25	20.22 -0.50 6.89	22.03 -0.28 3.25	27.51 -0.21 -1.68	29.54 0.25 -0.16	45.70 0.98 0.00	54.60 1.51 0.00	51.88 0.66 0.00	49.28 0.76 0.00	49.01 0.11 0.47	56.00 0.36 0.00	81.95 1.16 0.00	75.33 1.67 0.00	75.03 1.09 0.00	71.22 1.38 0.00	56.25 0.53 0.00
NGRID_A4_DSASP 323807	40.89 -1.76 0.08	36.03 -1.55 0.00	34.90 -1.67 0.03	35.19 -1.80 0.14	29.18 -1.35 3.42	18.31 -1.12 8.23	16.70 -0.96 8.31	15.56 -0.72 7.32	16.51 -0.64 7.25	20.22 -0.50 6.89	22.03 -0.28 3.25	27.51 -0.21 -1.68	29.54 0.25 -0.16	45.70 0.98 0.00	54.60 1.51 0.00	51.88 0.66 0.00	49.28 0.76 0.00	49.01 0.11 0.47	56.00 0.36 0.00	81.95 1.16 0.00	75.33 1.67 0.00	75.03 1.09 0.00	71.22 1.38 0.00	56.25 0.53 0.00
NIAGARA_115E_LBMP 323715	40.88 -1.77 0.09	35.96 -1.62 0.00	34.85 -1.72 0.03	35.12 -1.88 0.14	29.20 -1.29 3.47	18.27 -1.03 8.34	16.66 -0.88 8.43	15.53 -0.65 7.43	16.47 -0.58 7.35	20.17 -0.45 6.99	21.97 -0.31 3.29	27.59 -0.24 -1.79	29.29 0.00 -0.17	45.22 0.49 0.00	54.32 1.23 0.00	51.80 0.59 0.00	49.39 0.86 0.00	49.31 0.41 0.47	56.18 0.54 0.00	82.31 1.52 0.00	75.70 2.03 0.00	75.40 1.45 0.00	71.56 1.71 0.00	56.43 0.71 0.00
NIAGARA_115W_LBMP 323714	40.81 -1.84 0.08	35.95 -1.62 0.00	34.83 -1.74 0.03	35.12 -1.87 0.14	29.15 -1.39 3.40	18.31 -1.16 8.19	16.71 -1.00 8.26	15.57 -0.76 7.29	16.51 -0.68 7.21	20.21 -0.54 6.85	22.00 -0.33 3.23	27.42 -0.30 -1.68	29.48 0.20 -0.16	45.62 0.89 0.00	54.47 1.39 0.00	51.74 0.53 0.00	49.14 0.62 0.00	48.88 -0.02 0.47	55.85 0.21 0.00	81.74 0.95 0.00	75.11 1.45 0.00	74.83 0.88 0.00	71.04 1.20 0.00	56.11 0.39 0.00
NIAGARA_230_LBMP 323716	41.10 -1.56 0.08	36.22 -1.35 0.00	35.11 -1.46 0.03	35.42 -1.58 0.14	29.39 -1.30 3.25	18.75 -1.08 7.83	17.14 -0.92 7.90	15.95 -0.69 6.97	16.88 -0.62 6.90	20.56 -0.49 6.55	22.19 -0.29 3.07	27.70 0.04 -1.62	29.58 0.31 -0.16	45.64 0.92 0.00	54.68 1.59 0.00	52.22 1.01 0.00	49.77 1.25 0.00	49.56 0.64 0.45	56.64 1.00 0.00	82.93 2.14 0.00	76.19 2.53 0.00	75.92 1.97 0.00	71.97 2.13 0.00	56.77 1.05 0.00
NIAGARA___115KV_198_GIBSON 55903	40.83 -1.83 0.08	35.96 -1.62 0.00	34.83 -1.74 0.03	35.12 -1.87 0.14	29.15 -1.39 3.40	18.28 -1.18 8.19	16.69 -1.01 8.26	15.55 -0.77 7.29	16.48 -0.71 7.21	20.21 -0.54 6.85	21.97 -0.36 3.23	27.41 -0.30 -1.68	29.47 0.19 -0.16	45.62 0.90 0.00	54.47 1.39 0.00	51.74 0.53 0.00	49.14 0.62 0.00	48.90 -0.01 0.47	55.84 0.20 0.00	81.73 0.94 0.00	75.11 1.45 0.00	74.82 0.87 0.00	71.04 1.19 0.00	56.12 0.40 0.00
NIAGARA____ 23760	41.10 -1.56 0.08	36.22 -1.35 0.00	35.11 -1.46 0.03	35.41 -1.58 0.14	29.33 -1.30 3.32	18.61 -1.08 7.97	17.01 -0.92 8.04	15.82 -0.69 7.09	16.79 -0.62 6.99	20.48 -0.49 6.64	22.15 -0.29 3.11	27.79 0.04 -1.71	29.59 0.31 -0.17	45.64 0.92 0.00	54.68 1.59 0.00	52.22 1.01 0.00	49.77 1.25 0.00	49.55 0.64 0.45	56.64 1.00 0.00	82.93 2.14 0.00	76.19 2.53 0.00	75.92 1.97 0.00	71.97 2.13 0.00	56.77 1.05 0.00
NINE_MILE_1 23575	41.52 -1.23 0.00	36.52 -1.05 0.00	35.68 -0.91 0.00	36.24 -0.90 0.00	33.17 -0.78 0.00	27.03 -0.62 0.00	25.41 -0.56 0.00	23.10 -0.50 0.00	23.86 -0.54 0.00	26.95 -0.66 0.00	24.96 -0.60 0.00	25.46 -0.57 0.00	28.52 -0.60 0.00	43.89 -0.84 0.00	52.06 -1.03 0.00	50.26 -0.95 0.00	47.87 -0.65 0.00	48.74 -0.63 0.00	55.06 -0.58 0.00	79.96 -0.74 0.10	70.94 -0.66 2.06	68.49 -0.89 4.58	61.84 -1.11 6.89	54.62 -1.11 0.00
NINE_MILE_2 23744	41.52 -1.22 0.00	36.52 -1.05 0.00	35.68 -0.91 0.00	36.25 -0.89 0.00	33.17 -0.78 0.00	27.03 -0.62 0.00	25.41 -0.56 0.00	23.10 -0.50 0.00	23.86 -0.54 0.00	26.95 -0.66 0.00	24.96 -0.60 0.00	25.46 -0.57 0.00	28.52 -0.60 0.00	43.89 -0.84 0.00	52.06 -1.03 0.00	50.26 -0.95 0.00	47.87 -0.65 0.00	48.74 -0.63 0.00	55.05 -0.59 0.00	79.95 -0.74 0.10	70.91 -0.66 2.09	68.42 -0.89 4.64	61.74 -1.11 6.99	54.62 -1.11 0.00
NM_CAPITAL___DRP 24208	44.21 1.47 0.00	38.90 1.32 0.00	37.88 1.28 0.00	38.40 1.26 0.00	35.20 1.25 0.00	28.76 1.11 0.00	26.89 0.92 0.00	24.48 0.87 0.00	25.33 0.93 0.00	28.50 0.84 -0.05	28.69 0.64 -2.49	26.44 0.40 0.00	29.50 0.38 0.00	45.16 0.44 0.00	53.32 0.23 0.00	51.87 0.66 0.00	49.78 1.25 0.00	51.03 1.66 0.00	57.14 1.50 0.00	82.39 1.60 0.00	74.84 1.17 0.00	75.11 1.16 0.00	70.21 0.37 0.00	56.02 0.29 0.00
NM_CENTRAL___DRP 24181	42.53 -0.21 0.00	37.40 -0.17 0.00	36.49 -0.10 0.00	37.06 -0.08 0.00	33.95 0.00 0.00	27.64 -0.02 0.00	25.97 0.00 0.00	23.62 0.02 0.00	24.41 0.01 0.00	27.60 -0.02 0.00	25.57 0.01 0.00	26.09 0.05 0.00	29.28 0.17 0.00	45.12 0.39 0.00	53.50 0.42 0.00	51.69 0.48 0.00	41.09 0.83 8.26	50.31 0.95 0.00	56.91 1.27 0.00	82.80 2.00 -0.01	75.65 1.78 -0.21	75.83 1.43 -0.45	71.47 0.95 -0.67	56.10 0.38 0.00

NM_FRONTIER___DRP 24179	40.83 -1.83 0.08	35.96 -1.62 0.00	34.83 -1.74 0.03	35.12 -1.87 0.14	29.15 -1.39 3.40	18.28 -1.18 8.19	16.69 -1.01 8.26	15.55 -0.77 7.29	16.48 -0.71 7.21	20.21 -0.54 6.85	21.97 -0.36 3.23	27.41 -0.30 -1.68	29.47 0.19 -0.16	45.62 0.90 0.00	54.47 1.39 0.00	51.74 0.53 0.00	49.14 0.62 0.00	48.90 -0.01 0.47	55.84 0.20 0.00	81.73 0.94 0.00	75.11 1.45 0.00	74.82 0.87 0.00	71.04 1.19 0.00	56.12 0.40 0.00
NM_ST_REGIS___HYD 24053	42.64 -0.10 0.00	37.33 -0.25 0.00	36.25 -0.35 0.00	36.81 -0.33 0.00	33.34 -0.61 0.00	26.91 -0.73 0.00	25.30 -0.67 0.00	22.90 -0.70 0.00	23.74 -0.66 0.00	27.03 -0.58 0.00	25.14 -0.42 0.00	25.75 -0.29 0.00	28.64 -0.48 0.00	43.98 -0.75 0.00	52.69 -0.40 0.00	50.54 -0.66 0.00	-164.85 -1.90 211.47	47.02 -2.35 0.00	53.32 -2.32 0.00	78.48 -2.31 0.00	72.40 -1.26 0.00	73.99 0.04 0.00	70.32 0.47 0.00	56.44 0.72 0.00
NORTHPORT___1 23551	45.91 3.17 0.00	40.38 2.81 0.00	38.96 2.37 0.00	39.15 2.01 0.00	36.10 2.14 0.00	29.46 1.80 0.00	27.84 1.87 0.00	25.48 1.87 0.00	26.37 1.97 0.00	29.77 1.84 -0.32	43.94 1.79 -16.59	27.44 1.41 0.00	30.65 1.53 0.00	47.19 2.46 0.00	54.91 1.83 0.00	53.52 2.31 0.00	51.31 2.78 0.00	53.37 4.00 0.00	59.60 3.96 0.00	84.63 4.05 0.21	75.07 2.49 1.09	74.78 1.92 1.09	67.05 1.32 4.12	51.07 1.24 5.89
NORTHPORT___2 23552	45.91 3.17 0.00	40.38 2.81 0.00	38.96 2.37 0.00	39.15 2.01 0.00	36.10 2.14 0.00	29.46 1.80 0.00	27.84 1.87 0.00	25.48 1.87 0.00	26.37 1.97 0.00	29.77 1.84 -0.32	43.94 1.79 -16.59	27.44 1.41 0.00	30.65 1.53 0.00	47.19 2.46 0.00	54.91 1.83 0.00	53.52 2.31 0.00	51.31 2.78 0.00	53.37 4.00 0.00	59.60 3.96 0.00	84.63 4.05 0.21	75.07 2.49 1.09	74.78 1.92 1.09	67.05 1.32 4.12	51.07 1.24 5.89
NORTHPORT___3 23553	45.97 3.23 0.00	40.43 2.86 0.00	39.03 2.44 0.00	39.23 2.09 0.00	36.11 2.16 0.00	29.49 1.83 0.00	27.83 1.86 0.00	25.50 1.89 0.00	26.38 1.98 0.00	29.82 1.89 -0.32	43.98 1.83 -16.59	27.49 1.45 0.00	30.73 1.61 0.00	47.27 2.54 0.00	54.98 1.89 0.00	53.57 2.36 0.00	51.36 2.83 0.00	53.21 3.84 0.00	59.43 3.79 0.00	84.50 3.93 0.22	74.97 2.44 1.13	74.73 1.89 1.11	66.87 1.23 4.19	50.93 1.22 6.01
NORTHPORT___4 23650	45.97 3.23 0.00	40.43 2.86 0.00	39.03 2.44 0.00	39.23 2.09 0.00	36.11 2.16 0.00	29.49 1.83 0.00	27.83 1.86 0.00	25.50 1.89 0.00	26.38 1.98 0.00	29.82 1.89 -0.32	43.98 1.83 -16.59	27.49 1.45 0.00	30.73 1.61 0.00	47.27 2.54 0.00	54.98 1.89 0.00	53.57 2.36 0.00	51.36 2.83 0.00	53.21 3.84 0.00	59.43 3.79 0.00	84.50 3.93 0.22	74.97 2.44 1.13	74.73 1.89 1.11	66.87 1.23 4.19	50.93 1.22 6.01
NORTHPORT___IC 23718	45.91 3.18 0.00	40.38 2.81 0.00	38.96 2.37 0.00	39.16 2.02 0.00	36.08 2.13 0.00	29.46 1.80 0.00	27.84 1.87 0.00	25.48 1.87 0.00	26.37 1.97 0.00	29.77 1.84 -0.32	43.94 1.79 -16.59	27.46 1.42 0.00	30.64 1.53 0.00	47.19 2.46 0.00	54.92 1.84 0.00	53.52 2.31 0.00	51.31 2.78 0.00	53.38 4.01 0.00	59.60 3.96 0.00	84.66 4.08 0.21	75.14 2.56 1.09	74.79 1.93 1.09	67.05 1.32 4.12	51.06 1.23 5.89
NORTH___COUNTRY_ESR 323785	41.77 -0.97 0.00	36.34 -1.24 0.00	35.12 -1.48 0.00	35.50 -1.64 0.00	32.34 -1.61 0.00	26.30 -1.35 0.00	24.83 -1.14 0.00	22.48 -1.13 0.00	23.28 -1.12 0.00	26.65 -0.96 0.00	24.92 -0.64 0.00	25.71 -0.33 0.00	28.60 -0.52 0.00	43.78 -0.95 0.00	52.50 -0.58 0.00	50.62 -0.59 0.00	24.51 -1.22 22.79	47.52 -1.85 0.00	53.60 -2.04 0.00	78.82 -1.97 0.00	72.61 -1.06 0.00	73.52 -0.44 0.00	69.97 0.12 0.00	56.35 0.63 0.00
NPX_GEN_1385_PROXY 323591	45.77 3.03 0.00	40.42 2.85 0.00	38.99 2.40 0.00	38.94 1.80 0.00	36.21 2.26 0.00	29.39 1.74 0.00	28.19 2.22 0.00	25.72 2.11 0.00	23.49 1.95 2.86	29.50 1.57 -0.32	43.61 1.46 -16.59	27.05 1.01 0.00	30.21 1.09 0.00	46.34 1.61 0.00	54.06 0.97 0.00	58.50 1.77 -5.52	54.11 2.31 -3.28	53.06 3.69 0.00	59.43 3.79 0.00	84.23 3.65 0.21	74.46 1.88 1.09	74.15 1.29 1.09	66.23 0.50 4.12	50.59 0.75 5.89
NPX_GEN_CSC 323557	45.80 3.06 0.00	40.16 2.58 0.00	38.70 2.10 0.00	38.85 1.71 0.00	35.78 1.83 0.00	29.25 1.60 0.00	27.63 1.67 0.00	25.35 1.74 0.00	23.44 1.90 2.86	29.69 1.77 -0.32	43.87 1.72 -16.59	27.31 1.28 0.00	30.48 1.36 0.00	47.06 2.34 0.00	55.09 2.00 0.00	59.48 2.75 -5.52	55.18 3.38 -3.28	54.16 4.79 0.00	60.58 4.94 0.00	86.08 5.50 0.22	76.14 3.58 1.10	75.94 2.96 0.96	68.50 2.21 3.55	52.23 1.74 5.22
NSINS_S_GLNS_FALLS 23858	45.64 2.90 0.00	40.01 2.44 0.00	38.97 2.38 0.00	39.50 2.36 0.00	36.19 2.24 0.00	29.57 1.92 0.00	27.70 1.73 0.00	25.27 1.66 0.00	26.24 1.84 0.00	29.54 1.89 -0.04	29.24 1.43 -2.26	27.08 1.03 0.00	30.23 1.11 0.00	46.57 1.84 0.00	55.20 2.11 0.00	53.66 2.45 0.00	52.06 3.54 0.00	53.37 4.00 0.00	60.02 4.38 0.00	86.73 5.94 0.00	78.92 5.25 0.00	79.44 5.49 0.00	73.76 3.92 0.00	58.77 3.05 0.00
NUCOR_STEEL___DRP 24197	43.18 0.45 0.00	37.81 0.23 0.00	36.97 0.37 0.00	37.46 0.32 0.00	34.42 0.47 0.00	27.93 0.28 0.00	26.36 0.39 0.00	24.01 0.40 0.00	24.82 0.42 0.00	28.09 0.48 0.00	26.16 0.36 -0.25	27.41 0.42 -0.95	29.91 0.70 -0.09	45.91 1.19 0.00	54.22 1.13 0.00	52.56 1.35 0.00	44.70 1.75 5.58	51.06 1.63 -0.06	57.85 2.21 0.00	84.54 3.73 -0.02	77.50 3.51 -0.33	77.90 3.22 -0.73	73.23 2.29 -1.09	57.26 1.54 0.00
NUMBER_THREE_WT_PWR 323818	42.07 -0.67 0.00	37.03 -0.54 0.00	36.30 -0.30 0.00	38.29 1.15 0.00	34.66 0.71 0.00	27.35 -0.30 0.00	25.26 -0.71 0.00	22.96 -0.65 0.00	23.77 -0.63 0.00	26.86 -0.75 0.00	24.80 -0.76 0.00	25.20 -0.84 0.00	28.46 -0.65 0.00	44.37 -0.36 0.00	52.83 -0.26 0.00	50.97 -0.24 0.00	-24.29 0.14 72.95	49.00 -0.37 0.00	56.25 0.61 0.00	83.49 2.69 -0.01	76.69 2.89 -0.14	76.84 2.58 -0.31	72.04 1.74 -0.46	56.16 0.44 0.00
NYISO_LBMP_REFERENCE 24008	42.74 0.00 0.00	37.57 0.00 0.00	36.60 0.00 0.00	37.14 0.00 0.00	33.95 0.00 0.00	27.65 0.00 0.00	25.97 0.00 0.00	23.61 0.00 0.00	24.40 0.00 0.00	27.61 0.00 0.00	25.56 0.00 0.00	26.04 0.00 0.00	29.12 0.00 0.00	44.72 0.00 0.00	53.08 0.00 0.00	51.21 0.00 0.00	48.53 0.00 0.00	49.37 0.00 0.00	55.64 0.00 0.00	80.79 0.00 0.00	73.66 0.00 0.00	73.95 0.00 0.00	69.84 0.00 0.00	55.72 0.00 0.00
NYPA_BRENTWD____GT 24164	46.61 3.87 0.00	40.91 3.34 0.00	39.47 2.87 0.00	39.66 2.52 0.00	36.52 2.57 0.00	29.83 2.18 0.00	28.18 2.21 0.00	25.81 2.20 0.00	26.76 2.36 0.00	30.22 2.30 -0.32	44.36 2.21 -16.59	27.86 1.82 0.00	31.08 1.97 0.00	48.00 3.28 0.00	56.02 2.93 0.00	54.73 3.52 0.00	52.44 3.92 0.00	54.55 5.18 0.00	60.98 5.34 0.00	86.77 6.19 0.21	77.03 4.43 1.06	76.93 3.79 0.81	69.95 3.10 2.99	53.91 2.59 4.40



OAKDALE___35_KV_LOAD 356122	43.08 0.34 0.00	37.90 0.32 0.00	36.87 0.28 0.00	37.47 0.33 0.00	34.34 0.39 0.00	28.00 0.35 0.00	26.37 0.40 0.00	23.99 0.38 0.00	24.79 0.39 0.00	27.95 0.39 0.05	22.74 0.35 3.18	23.74 0.38 2.68	29.50 0.64 0.26	45.88 1.16 0.00	54.17 1.08 0.00	52.47 1.26 0.00	50.18 1.65 0.00	50.89 1.71 0.18	57.85 2.22 0.00	84.01 3.21 -0.01	76.72 2.91 -0.14	76.74 2.47 -0.32	72.35 2.04 -0.48	56.78 1.05 0.00
OCC_CHEM___DRP 24175	40.91 -1.75 0.08	36.03 -1.55 0.00	34.90 -1.67 0.03	35.19 -1.80 0.14	29.18 -1.35 3.42	18.28 -1.15 8.23	16.69 -0.97 8.31	15.55 -0.73 7.32	16.48 -0.67 7.25	20.21 -0.51 6.89	22.00 -0.31 3.25	27.49 -0.23 -1.68	29.53 0.25 -0.16	45.71 0.98 0.00	54.59 1.51 0.00	51.88 0.66 0.00	49.29 0.76 0.00	49.02 0.12 0.47	55.99 0.35 0.00	81.95 1.16 0.00	75.32 1.66 0.00	75.02 1.08 0.00	71.23 1.38 0.00	56.25 0.52 0.00
OH_GEN_PROXY 24063	41.17 -1.50 0.07	36.26 -1.31 0.00	35.15 -1.42 0.02	35.48 -1.53 0.12	29.77 -1.25 2.93	19.56 -1.04 7.05	17.96 -0.89 7.12	16.67 -0.66 6.28	14.75 -0.58 9.07	21.26 -0.44 5.90	22.55 -0.26 2.75	27.62 0.07 -1.51	29.61 0.35 -0.15	45.69 0.96 0.00	54.72 1.63 0.00	86.08 1.09 -33.78	86.05 1.34 -36.18	49.71 0.74 0.40	56.75 1.11 0.00	83.08 2.29 0.00	76.31 2.65 0.00	76.04 2.09 0.00	72.04 2.20 0.00	56.80 1.07 0.00
OLIN_CORP_DRP 24177	40.97 -1.68 0.09	36.03 -1.54 0.00	34.95 -1.62 0.03	35.19 -1.80 0.15	29.19 -1.25 3.50	18.17 -1.04 8.43	16.58 -0.87 8.51	15.46 -0.64 7.51	16.38 -0.59 7.43	20.12 -0.43 7.06	21.86 -0.36 3.33	27.64 -0.17 -1.77	29.37 0.08 -0.17	45.34 0.61 0.00	54.43 1.35 0.00	51.93 0.72 0.00	49.52 0.99 0.00	49.38 0.49 0.48	56.32 0.68 0.00	82.50 1.71 0.00	75.89 2.23 0.00	75.58 1.63 0.00	71.71 1.87 0.00	56.56 0.83 0.00
OLIN_CORP_DSASP 323712	40.89 -1.76 0.08	36.03 -1.55 0.00	34.90 -1.67 0.03	35.19 -1.80 0.14	29.18 -1.35 3.42	18.31 -1.12 8.23	16.70 -0.96 8.31	15.56 -0.72 7.32	16.51 -0.64 7.25	20.22 -0.50 6.89	22.03 -0.28 3.25	27.51 -0.21 -1.68	29.54 0.25 -0.16	45.70 0.98 0.00	54.60 1.51 0.00	51.88 0.66 0.00	49.28 0.76 0.00	49.01 0.11 0.47	56.00 0.36 0.00	81.95 1.16 0.00	75.33 1.67 0.00	75.03 1.09 0.00	71.22 1.38 0.00	56.25 0.53 0.00
ONEIDA_HERK_LFGE 323681	43.14 0.40 0.00	37.94 0.37 0.00	37.04 0.45 0.00	38.21 1.07 0.00	34.76 0.81 0.00	27.90 0.25 0.00	26.02 0.05 0.00	23.68 0.07 0.00	24.51 0.11 0.00	27.71 0.10 0.00	25.63 0.07 0.00	26.08 0.04 0.00	29.32 0.20 0.00	45.33 0.60 0.00	53.85 0.76 0.00	52.07 0.86 0.00	15.58 1.16 34.10	50.41 1.04 0.00	57.36 1.72 0.00	84.14 3.34 0.00	76.81 3.07 -0.08	76.84 2.71 -0.18	72.12 2.03 -0.25	56.79 1.07 0.00
ONEIDA___115KV_TB4 55905	43.84 1.10 0.00	38.55 0.97 0.00	37.54 0.94 0.00	38.29 1.15 0.00	34.97 1.02 0.00	28.20 0.55 0.00	26.41 0.44 0.00	24.08 0.47 0.00	24.91 0.51 0.00	28.20 0.59 0.00	26.13 0.57 0.00	26.65 0.61 0.00	29.95 0.84 0.00	46.21 1.48 0.00	54.82 1.73 0.00	53.07 1.86 0.00	32.00 2.21 18.74	51.61 2.24 0.00	58.80 3.16 0.00	86.11 5.31 -0.01	78.26 4.46 -0.13	77.98 3.75 -0.28	73.04 2.84 -0.36	57.55 1.83 0.00
ONONDAGA_REF_OCCRA 23987	42.83 0.09 0.00	37.66 0.08 0.00	36.72 0.13 0.00	37.30 0.16 0.00	34.16 0.20 0.00	27.81 0.16 0.00	26.14 0.17 0.00	23.78 0.17 0.00	24.57 0.17 0.00	27.78 0.17 0.00	25.74 0.18 0.00	26.26 0.22 0.00	29.48 0.37 0.00	45.43 0.70 0.00	53.83 0.74 0.00	51.99 0.78 0.00	42.54 1.15 7.13	50.66 1.29 0.00	57.35 1.71 0.00	83.46 2.65 -0.01	76.33 2.43 -0.24	76.52 2.04 -0.54	72.16 1.51 -0.80	56.51 0.79 0.00
ONONDAGA___COGEN 23986	42.74 0.00 0.00	37.57 0.00 0.00	36.66 0.07 0.00	37.22 0.08 0.00	34.09 0.14 0.00	27.76 0.11 0.00	26.10 0.13 0.00	23.74 0.14 0.00	24.54 0.14 0.00	27.73 0.12 0.00	25.68 0.12 0.00	26.21 0.17 0.00	29.42 0.30 0.00	45.33 0.60 0.00	53.72 0.64 0.00	51.94 0.73 0.00	43.03 1.09 6.58	50.54 1.17 0.00	57.17 1.53 0.00	83.20 2.39 -0.02	76.20 2.17 -0.37	76.58 1.82 -0.81	72.34 1.28 -1.21	56.38 0.66 0.00
ONTARIO___LFGE 23819	43.03 0.23 -0.06	37.74 0.16 0.00	36.72 0.11 -0.02	37.36 0.12 -0.09	36.34 0.17 -2.22	33.16 0.18 -5.33	31.60 0.25 -5.39	28.65 0.30 -4.75	29.45 0.35 -4.70	32.59 0.46 -4.52	29.61 0.53 -3.52	30.93 0.72 -4.17	30.66 1.13 -0.41	46.70 1.97 0.00	55.03 1.94 0.00	53.14 1.93 0.00	46.36 2.33 4.50	52.26 2.22 -0.67	58.90 3.26 0.00	86.12 5.32 -0.01	79.00 5.21 -0.13	78.81 4.57 -0.29	74.00 3.73 -0.43	57.84 2.12 0.00
ORANGEVILLE_WT_PWR 323706	40.18 -2.13 0.43	35.72 -1.86 0.00	34.64 -1.82 0.14	34.49 -1.93 0.72	14.98 -1.69 17.28	-15.24 -1.33 41.56	-17.19 -1.18 41.97	-14.43 -1.04 37.00	-13.27 -1.04 36.62	-8.22 -1.03 34.80	-3.69 -0.69 28.55	-11.82 -0.43 37.43	25.41 -0.04 3.67	45.36 0.63 0.00	54.12 1.04 0.00	51.79 0.58 0.00	49.15 0.63 0.00	43.71 -0.13 5.52	56.35 0.71 0.00	83.31 2.51 0.00	77.16 3.50 0.00	76.77 2.82 0.00	72.36 2.52 0.00	56.68 0.96 0.00
ORANGEVILLE___ESR 323794	40.18 -2.13 0.43	35.72 -1.86 0.00	34.64 -1.82 0.14	34.49 -1.93 0.72	14.98 -1.69 17.28	-15.24 -1.33 41.56	-17.19 -1.18 41.97	-14.43 -1.04 37.00	-13.27 -1.04 36.62	-8.22 -1.03 34.80	-3.69 -0.69 28.55	-11.82 -0.43 37.43	25.41 -0.04 3.67	45.36 0.63 0.00	54.12 1.04 0.00	51.79 0.58 0.00	49.15 0.63 0.00	43.71 -0.13 5.52	56.35 0.71 0.00	83.31 2.51 0.00	77.16 3.50 0.00	76.77 2.82 0.00	72.36 2.52 0.00	56.68 0.96 0.00
OSWEGATCHIE___HYD 24044	42.44 -0.30 0.00	37.27 -0.31 0.00	36.38 -0.21 0.00	37.62 0.48 0.00	34.05 0.10 0.00	27.19 -0.46 0.00	25.35 -0.62 0.00	22.98 -0.63 0.00	23.79 -0.61 0.00	26.98 -0.63 0.00	24.95 -0.61 0.00	25.40 -0.64 0.00	28.45 -0.66 0.00	43.97 -0.76 0.00	52.50 -0.59 0.00	50.50 -0.71 0.00	-119.52 -1.16 166.88	47.79 -1.58 0.00	54.61 -1.03 0.00	80.77 -0.03 -0.01	74.38 0.60 -0.12	75.33 1.12 -0.25	71.13 0.90 -0.38	56.06 0.34 0.00
OSWEGO___5 23606	41.86 -0.88 0.00	36.82 -0.75 0.00	35.95 -0.64 0.00	36.51 -0.63 0.00	33.42 -0.53 0.00	27.23 -0.42 0.00	25.59 -0.38 0.00	23.28 -0.33 0.00	24.04 -0.36 0.00	27.16 -0.44 0.00	25.16 -0.39 0.00	25.67 -0.37 0.00	28.76 -0.35 0.00	44.27 -0.45 0.00	52.49 -0.60 0.00	50.70 -0.51 0.00	48.29 -0.24 0.00	49.17 -0.20 0.00	55.55 -0.09 0.00	80.86 -0.01 -0.08	75.21 0.01 -1.54	77.14 -0.23 -3.42	74.49 -0.49 -5.14	55.08 -0.64 0.00
OSWEGO___6 23613	41.86 -0.88 0.00	36.82 -0.75 0.00	35.95 -0.64 0.00	36.51 -0.63 0.00	33.42 -0.53 0.00	27.23 -0.42 0.00	25.59 -0.38 0.00	23.28 -0.33 0.00	24.04 -0.36 0.00	27.16 -0.44 0.00	25.16 -0.39 0.00	25.67 -0.37 0.00	28.76 -0.35 0.00	44.27 -0.45 0.00	52.49 -0.60 0.00	50.70 -0.51 0.00	48.29 -0.24 0.00	49.17 -0.20 0.00	55.55 -0.09 0.00	80.86 -0.01 -0.08	75.21 0.01 -1.54	77.14 -0.23 -3.42	74.49 -0.49 -5.14	55.08 -0.64 0.00

OUTOKUMPU-AB___DRP 24206	41.73 -0.92 0.09	36.71 -0.87 0.00	35.57 -1.00 0.03	35.86 -1.12 0.15	29.52 -0.76 3.67	18.18 -0.64 8.83	16.55 -0.50 8.92	15.44 -0.30 7.87	16.39 -0.22 7.79	20.20 -0.02 7.40	22.17 0.13 3.52	28.19 0.38 -1.78	30.08 0.79 -0.17	46.50 1.78 0.00	55.65 2.57 0.00	52.99 1.78 0.00	50.39 1.87 0.00	50.17 1.31 0.51	57.45 1.81 0.00	84.14 3.35 0.00	77.31 3.65 0.00	76.95 3.00 0.00	72.94 3.10 0.00	57.46 1.74 0.00
OXBOW___BTM 323836	41.32 -1.33 0.09	36.38 -1.19 0.00	35.24 -1.33 0.03	35.53 -1.46 0.15	29.36 -1.04 3.55	18.25 -0.86 8.53	16.64 -0.71 8.62	15.51 -0.50 7.60	16.47 -0.41 7.52	20.23 -0.24 7.15	22.14 -0.03 3.39	27.88 0.11 -1.73	29.76 0.47 -0.17	46.02 1.29 0.00	55.02 1.94 0.00	52.35 1.13 0.00	49.76 1.24 0.00	49.52 0.64 0.49	56.64 1.00 0.00	82.93 2.14 0.00	76.21 2.55 0.00	75.85 1.90 0.00	72.03 2.19 0.00	56.91 1.18 0.00
OXBOW___ 24026	41.34 -1.31 0.09	36.38 -1.19 0.00	35.24 -1.33 0.03	35.54 -1.46 0.15	29.36 -1.04 3.55	18.23 -0.88 8.53	16.62 -0.73 8.62	15.49 -0.52 7.60	16.44 -0.44 7.52	20.22 -0.24 7.15	22.11 -0.06 3.39	27.88 0.11 -1.73	29.76 0.47 -0.17	46.02 1.29 0.00	55.03 1.94 0.00	52.34 1.13 0.00	49.76 1.24 0.00	49.53 0.64 0.49	56.64 1.01 0.00	82.92 2.13 0.00	76.20 2.53 0.00	75.84 1.88 0.00	72.03 2.19 0.00	56.92 1.19 0.00
OXY_CHEM_DSASP 323612	40.91 -1.75 0.08	36.03 -1.55 0.00	34.90 -1.67 0.03	35.19 -1.80 0.14	29.18 -1.35 3.42	18.28 -1.15 8.23	16.69 -0.97 8.31	15.55 -0.73 7.32	16.48 -0.67 7.25	20.21 -0.51 6.89	22.00 -0.31 3.25	27.49 -0.23 -1.68	29.53 0.25 -0.16	45.71 0.98 0.00	54.59 1.51 0.00	51.88 0.66 0.00	49.29 0.76 0.00	49.02 0.12 0.47	55.99 0.35 0.00	81.95 1.16 0.00	75.32 1.66 0.00	75.02 1.08 0.00	71.23 1.38 0.00	56.25 0.52 0.00
OZONE_PARK_ESR 323760	46.57 3.83 0.00	40.94 3.36 0.00	39.67 3.07 0.00	40.03 2.89 0.00	36.74 2.79 0.00	30.09 2.44 0.00	28.28 2.32 0.00	25.92 2.31 0.00	26.82 2.42 0.00	30.36 2.43 -0.32	44.33 2.11 -16.65	27.96 1.92 0.00	31.30 2.18 0.00	48.31 3.59 0.00	56.59 3.50 0.00	55.25 4.04 0.00	53.32 4.79 0.00	54.65 5.28 0.00	61.25 5.62 0.00	87.77 6.97 0.00	79.31 5.64 0.00	79.19 5.24 0.00	74.09 4.25 0.00	59.16 3.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.91 -1.75 0.08	36.03 -1.55 0.00	34.90 -1.67 0.03	35.19 -1.80 0.14	29.18 -1.35 3.42	18.28 -1.15 8.23	16.69 -0.97 8.31	15.55 -0.73 7.32	16.48 -0.67 7.25	20.21 -0.51 6.89	22.00 -0.31 3.25	27.49 -0.23 -1.68	29.53 0.25 -0.16	45.71 0.98 0.00	54.59 1.51 0.00	51.88 0.66 0.00	49.29 0.76 0.00	49.02 0.12 0.47	55.99 0.35 0.00	81.95 1.16 0.00	75.32 1.66 0.00	75.02 1.08 0.00	71.23 1.38 0.00	56.25 0.52 0.00
PACKARD___115KV_DUPONT_184 80571	40.91 -1.75 0.08	36.03 -1.55 0.00	34.90 -1.67 0.03	35.19 -1.80 0.14	29.18 -1.35 3.42	18.28 -1.15 8.23	16.69 -0.97 8.31	15.55 -0.73 7.32	16.48 -0.67 7.25	20.21 -0.51 6.89	22.00 -0.31 3.25	27.49 -0.23 -1.68	29.53 0.25 -0.16	45.71 0.98 0.00	54.59 1.51 0.00	51.88 0.66 0.00	49.29 0.76 0.00	49.02 0.12 0.47	55.99 0.35 0.00	81.95 1.16 0.00	75.32 1.66 0.00	75.02 1.08 0.00	71.23 1.38 0.00	56.25 0.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.99 3.25 0.00	40.46 2.89 0.00	39.19 2.60 0.00	39.58 2.44 0.00	36.38 2.43 0.00	29.87 2.21 0.00	27.98 2.02 0.00	25.60 1.99 0.00	26.50 2.10 0.00	29.98 2.05 -0.32	43.92 1.73 -16.64	27.55 1.51 0.00	30.87 1.75 0.00	47.65 2.92 0.00	55.74 2.65 0.00	54.38 3.17 0.00	52.49 3.97 0.00	53.75 4.38 0.00	60.16 4.51 -0.01	86.11 5.31 -0.01	77.76 4.09 -0.01	77.58 3.63 -0.01	72.59 2.74 -0.01	58.08 2.36 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.44 4.70 0.00	41.76 4.19 0.00	40.46 3.87 0.00	40.87 3.74 0.00	37.56 3.60 0.00	30.84 3.19 0.00	28.89 2.92 0.00	26.43 2.82 0.00	27.25 2.85 0.00	30.85 2.92 -0.32	44.75 2.55 -16.64	28.39 2.35 0.00	31.82 2.70 0.00	49.12 4.39 0.00	57.44 4.36 0.00	55.99 4.78 0.00	53.99 5.47 0.00	55.30 5.93 0.00	61.93 6.29 -0.01	88.72 7.92 -0.01	80.34 6.66 -0.01	80.33 6.37 -0.01	75.08 5.23 -0.01	60.03 4.31 0.00
PATROON___115KV_TB1 80586	44.36 1.62 0.00	39.02 1.45 0.00	37.98 1.39 0.00	38.52 1.38 0.00	35.31 1.35 0.00	28.83 1.18 0.00	26.93 0.97 0.00	24.51 0.90 0.00	25.37 0.97 0.00	28.56 0.90 -0.05	28.65 0.71 -2.38	26.52 0.49 0.00	29.61 0.50 0.00	45.36 0.63 0.00	53.57 0.49 0.00	52.13 0.92 0.00	50.02 1.50 0.00	51.26 1.89 0.00	57.45 1.82 0.00	82.86 2.07 0.00	75.26 1.59 0.00	75.48 1.53 0.00	70.59 0.74 0.00	56.26 0.53 0.00
PATTRSNVILLE___SOLAR 323815	44.49 1.75 0.00	39.09 1.52 0.00	38.06 1.47 0.00	38.64 1.50 0.00	35.37 1.42 0.00	28.86 1.21 0.00	27.09 1.12 0.00	24.62 1.01 0.00	25.45 1.05 0.00	28.70 1.06 -0.04	28.21 0.78 -1.87	26.67 0.63 0.00	29.83 0.71 0.00	46.02 1.29 0.00	54.50 1.41 0.00	52.82 1.60 0.00	50.49 1.97 0.00	51.70 2.33 0.00	58.21 2.57 0.00	84.56 3.76 0.00	77.10 3.44 0.00	77.26 3.32 0.00	72.53 2.68 0.00	57.72 2.00 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.70 -0.95 0.09	36.73 -0.84 0.00	35.61 -0.95 0.03	35.89 -1.09 0.15	29.40 -0.85 3.71	18.03 -0.70 8.91	16.40 -0.57 9.00	15.29 -0.38 7.94	16.25 -0.29 7.86	20.05 -0.09 7.47	21.98 0.04 3.62	28.05 0.35 -1.66	30.01 0.73 -0.16	46.43 1.70 0.00	55.46 2.38 0.00	53.25 2.04 0.00	50.81 2.29 0.00	50.60 1.76 0.52	58.04 2.40 0.00	84.94 4.15 0.00	77.93 4.26 0.00	77.48 3.53 0.00	73.32 3.48 0.00	57.53 1.80 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.14 3.40 0.00	40.54 2.97 0.00	39.33 2.73 0.00	39.73 2.60 0.00	36.47 2.52 0.00	29.83 2.18 0.00	28.04 2.08 0.00	25.66 2.05 0.00	26.57 2.17 0.00	29.92 2.18 -0.13	34.28 1.87 -6.85	27.69 1.65 0.00	31.06 1.94 0.00	47.96 3.23 0.00	56.33 3.24 0.00	54.97 3.76 0.00	53.06 4.54 0.00	54.54 5.17 0.00	61.15 5.51 0.00	87.79 7.00 0.00	79.36 5.70 0.00	79.18 5.23 0.00	73.98 4.14 0.00	58.80 3.08 0.00
PEEKSKILL___ 23653	45.65 2.91 0.00	40.17 2.59 0.00	38.96 2.37 0.00	39.36 2.22 0.00	36.15 2.20 0.00	29.58 1.93 0.00	27.79 1.82 0.00	25.43 1.82 0.00	26.31 1.91 0.00	29.79 1.84 -0.34	45.03 1.54 -17.93	27.35 1.31 0.00	30.65 1.54 0.00	47.31 2.59 0.00	55.44 2.35 0.00	54.10 2.89 0.00	52.15 3.63 0.00	53.50 4.13 0.00	59.99 4.35 0.00	86.05 5.26 0.00	77.79 4.13 0.00	77.65 3.70 0.00	72.72 2.88 0.00	57.94 2.21 0.00
PGE MADISON___WINDPWR 24146	44.64 1.89 -0.02	39.01 1.44 0.00	37.77 1.17 -0.01	38.24 1.07 -0.03	36.06 1.34 -0.77	30.74 1.23 -1.86	29.47 1.62 -1.88	26.67 1.40 -1.66	27.09 1.05 -1.64	30.57 1.42 -1.53	25.17 1.43 1.83	26.70 1.67 1.01	30.90 1.88 0.10	47.78 3.06 0.00	56.48 3.40 0.00	54.56 3.35 0.00	52.32 3.79 0.00	53.91 4.48 -0.06	61.84 6.20 0.00	91.05 10.25 -0.01	83.64 9.82 -0.15	83.38 9.09 -0.34	78.02 7.67 -0.51	60.87 5.15 0.00

PIERCEFIELD___HYD 23852	42.69 -0.05 0.00	37.43 -0.15 0.00	36.40 -0.19 0.00	37.01 -0.13 0.00	33.48 -0.47 0.00	27.00 -0.65 0.00	25.35 -0.62 0.00	22.95 -0.66 0.00	23.77 -0.62 0.00	27.03 -0.58 0.00	25.11 -0.45 0.00	25.68 -0.36 0.00	28.57 -0.55 0.00	43.88 -0.85 0.00	52.55 -0.54 0.00	50.37 -0.83 0.00	-199.55 -2.22 245.86	46.72 -2.64 0.00	53.09 -2.55 0.00	78.07 -2.73 0.00	72.03 -1.70 -0.06	73.82 -0.26 -0.13	70.26 0.23 -0.19	56.16 0.44 0.00
PINELAWN_CC_1 323563	46.49 3.76 0.00	40.82 3.24 0.00	39.39 2.79 0.00	39.59 2.45 0.00	36.45 2.50 0.00	29.77 2.12 0.00	28.08 2.12 0.00	25.74 2.13 0.00	26.68 2.28 0.00	30.16 2.24 -0.32	44.26 2.11 -16.59	27.76 1.72 0.00	30.75 1.64 0.00	47.38 2.66 0.00	55.29 2.21 0.00	53.96 2.74 0.00	51.79 3.26 0.00	53.82 4.45 0.00	60.21 4.57 0.00	85.81 5.20 0.18	76.36 3.63 0.93	77.11 3.16 0.00	72.38 2.54 0.00	57.80 2.07 0.00
PJM_GEN_HTTP_PROXY 323702	45.94 3.20 0.00	40.39 2.82 0.00	39.16 2.57 0.00	39.54 2.40 0.00	36.31 2.36 0.00	29.73 2.08 0.00	27.95 1.98 0.00	25.60 1.99 0.00	26.49 2.09 0.00	29.97 2.04 -0.32	43.97 1.75 -16.67	27.57 1.53 0.00	30.87 1.76 0.00	47.29 2.90 0.33	55.77 2.68 0.00	54.39 3.18 0.00	52.48 3.95 0.00	53.74 4.38 0.00	60.22 4.58 0.00	86.25 5.45 0.00	76.03 4.24 1.88	78.45 3.81 -0.70	72.78 2.94 0.00	58.15 2.43 0.00
PJM_GEN_KEystone 24065	43.69 0.97 0.02	38.47 0.90 0.00	37.34 0.75 0.01	37.78 0.67 0.03	34.00 0.76 0.72	26.62 0.70 1.73	24.91 0.69 1.75	22.82 0.75 1.54	23.70 0.83 1.52	26.46 0.78 1.94	0.42 0.65 25.79	26.67 0.63 0.00	30.06 0.95 0.00	46.18 1.79 0.33	54.76 1.68 0.00	53.15 1.94 0.00	51.03 2.50 0.00	51.77 2.52 0.12	58.50 2.86 0.00	84.49 3.70 0.00	74.94 3.15 1.88	77.30 2.65 -0.70	72.12 2.27 0.00	57.03 1.32 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.98 3.24 0.00	40.40 2.83 0.00	39.03 2.43 0.00	39.29 2.15 0.00	36.16 2.21 0.00	29.55 1.90 0.00	27.85 1.88 0.00	25.50 1.89 0.00	26.41 2.01 0.00	29.86 1.93 -0.32	43.95 1.80 -16.59	27.49 1.45 0.00	30.73 1.62 0.00	47.03 2.64 0.33	55.31 2.23 0.00	54.00 2.78 0.00	51.95 3.43 0.00	53.76 4.39 0.00	60.07 4.43 0.00	85.57 5.04 0.27	74.05 3.64 3.25	76.24 3.18 0.89	66.45 2.44 5.83	49.12 1.99 8.59
PJM_GEN_VFT_PROXY 323633	45.73 2.99 0.00	40.21 2.64 0.00	38.97 2.37 0.00	39.35 2.21 0.00	36.14 2.18 0.00	29.61 1.96 0.00	27.83 1.86 0.00	25.50 1.89 0.00	26.40 2.00 0.00	29.84 1.92 -0.32	43.85 1.64 -16.65	27.49 1.45 0.00	30.77 1.65 0.00	47.15 2.76 0.33	55.54 2.45 0.00	54.20 2.99 0.00	52.28 3.76 0.00	53.57 4.20 0.00	59.98 4.35 0.00	85.75 4.96 0.00	75.50 3.71 1.88	77.89 3.25 -0.70	72.27 2.43 0.00	57.77 2.05 0.00
PLATSBURG_115KV_PMLD1 355749	42.34 -0.39 0.00	36.71 -0.87 0.00	35.46 -1.13 0.00	35.82 -1.32 0.00	32.67 -1.28 0.00	26.61 -1.04 0.00	25.15 -0.81 0.00	22.71 -0.90 0.00	23.50 -0.90 0.00	26.94 -0.66 0.00	25.20 -0.35 0.00	25.92 -0.12 0.00	28.91 -0.21 0.00	44.30 -0.42 0.00	53.10 0.01 0.00	51.37 0.16 0.00	48.18 -0.35 0.00	48.35 -1.02 0.00	54.56 -1.08 0.00	80.06 -0.73 0.00	73.86 0.19 0.00	74.77 0.82 0.00	70.95 1.11 0.00	57.33 1.61 0.00
PLEASANTVLY___LBMP 24000	45.29 2.55 0.00	39.84 2.27 0.00	38.71 2.11 0.00	39.12 1.99 0.00	35.91 1.96 0.00	29.39 1.74 0.00	27.61 1.64 0.00	25.23 1.62 0.00	26.10 1.70 0.00	29.43 1.63 -0.19	36.94 1.35 -10.03	27.15 1.12 0.00	30.39 1.28 0.00	46.81 2.08 0.00	54.91 1.83 0.00	53.54 2.33 0.00	51.58 3.05 0.00	52.96 3.59 0.00	59.35 3.71 0.00	85.21 4.42 0.00	77.07 3.40 0.00	77.01 3.06 0.00	72.08 2.23 0.00	57.44 1.72 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.78 3.05 0.00	40.26 2.69 0.00	39.06 2.47 0.00	39.46 2.32 0.00	36.23 2.28 0.00	29.65 2.00 0.00	27.86 1.89 0.00	25.49 1.88 0.00	26.38 1.98 0.00	29.82 1.93 -0.28	42.07 1.64 -14.88	27.47 1.43 0.00	30.77 1.65 0.00	47.42 2.70 0.00	55.62 2.54 0.00	54.23 3.01 0.00	52.27 3.74 0.00	53.65 4.28 0.00	60.14 4.50 0.00	86.29 5.49 0.00	78.00 4.34 0.00	77.89 3.94 0.00	72.87 3.03 0.00	58.09 2.37 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.78 3.05 0.00	40.26 2.69 0.00	39.06 2.47 0.00	39.46 2.32 0.00	36.23 2.28 0.00	29.65 2.00 0.00	27.86 1.89 0.00	25.49 1.88 0.00	26.38 1.98 0.00	29.82 1.93 -0.28	42.07 1.64 -14.88	27.47 1.43 0.00	30.77 1.65 0.00	47.42 2.70 0.00	55.62 2.54 0.00	54.23 3.01 0.00	52.27 3.74 0.00	53.65 4.28 0.00	60.14 4.50 0.00	86.29 5.49 0.00	78.00 4.34 0.00	77.89 3.94 0.00	72.87 3.03 0.00	58.09 2.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.79 3.05 0.00	40.25 2.67 0.00	39.08 2.48 0.00	39.50 2.37 0.00	36.25 2.30 0.00	29.65 2.00 0.00	27.86 1.89 0.00	25.47 1.86 0.00	26.37 1.97 0.00	29.62 1.96 -0.06	30.28 1.66 -3.06	27.45 1.41 0.00	30.76 1.65 0.00	47.40 2.67 0.00	55.70 2.61 0.00	54.35 3.14 0.00	52.47 3.95 0.00	53.96 4.59 0.00	60.56 4.92 0.00	87.03 6.24 0.00	78.66 5.00 0.00	78.50 4.56 0.00	73.39 3.55 0.00	58.33 2.60 0.00
POLETTI_____ 23519	45.55 2.81 0.00	40.07 2.50 0.00	38.80 2.20 0.00	39.18 2.04 0.00	36.04 2.09 0.00	29.70 2.06 0.00	27.81 1.84 0.00	25.43 1.82 0.00	26.23 1.83 0.00	29.68 1.75 -0.32	43.63 1.43 -16.64	27.29 1.25 0.00	30.85 1.74 0.00	47.58 2.85 0.00	55.68 2.59 0.00	54.32 3.11 0.00	52.40 3.88 0.00	53.69 4.32 0.00	60.14 4.50 0.00	86.11 5.32 0.00	77.80 4.14 0.00	77.69 3.74 0.00	72.72 2.88 0.00	58.11 2.39 0.00
POMONA___ESR 323819	45.68 2.94 0.00	40.20 2.62 0.00	39.00 2.41 0.00	39.40 2.26 0.00	36.19 2.24 0.00	29.60 1.95 0.00	27.81 1.84 0.00	25.44 1.83 0.00	26.33 1.93 0.00	28.89 1.84 0.57	-2.69 1.52 29.76	27.34 1.30 0.00	30.68 1.56 0.00	47.42 2.69 0.00	55.58 2.49 0.00	54.26 3.04 0.00	52.31 3.79 0.00	53.67 4.30 0.00	60.16 4.53 0.00	86.33 5.54 0.00	78.04 4.38 0.00	77.86 3.91 0.00	72.92 3.08 0.00	58.02 2.30 0.00
PORT_JEFF_3 23555	46.27 3.53 0.00	40.60 3.02 0.00	39.15 2.55 0.00	39.32 2.19 0.00	36.22 2.27 0.00	29.60 1.95 0.00	27.95 1.99 0.00	25.61 2.00 0.00	26.56 2.16 0.00	29.98 2.06 -0.32	44.15 2.00 -16.59	27.64 1.60 0.00	30.85 1.73 0.00	47.60 2.87 0.00	55.58 2.50 0.00	54.27 3.06 0.00	51.97 3.45 0.00	54.08 4.71 0.00	60.38 4.74 0.00	85.81 5.24 0.22	76.03 3.47 1.10	75.83 2.85 0.96	68.52 2.23 3.56	52.43 1.93 5.23
PORT_JEFF_4 23616	46.27 3.53 0.00	40.60 3.02 0.00	39.15 2.55 0.00	39.32 2.19 0.00	36.22 2.27 0.00	29.60 1.95 0.00	27.95 1.99 0.00	25.61 2.00 0.00	26.56 2.16 0.00	29.98 2.06 -0.32	44.15 2.00 -16.59	27.64 1.60 0.00	30.85 1.73 0.00	47.60 2.87 0.00	55.58 2.50 0.00	54.27 3.06 0.00	51.97 3.45 0.00	54.08 4.71 0.00	60.38 4.74 0.00	85.81 5.24 0.22	76.03 3.47 1.10	75.83 2.85 0.96	68.52 2.23 3.56	52.43 1.93 5.23

PORT_JEFF_IC 23713	46.34 3.60 0.00	40.66 3.09 0.00	39.21 2.61 0.00	39.38 2.24 0.00	36.24 2.29 0.00	29.64 1.99 0.00	27.99 2.02 0.00	25.65 2.04 0.00	26.61 2.21 0.00	30.04 2.11 -0.32	44.22 2.07 -16.59	27.71 1.67 0.00	30.91 1.80 0.00	47.73 3.00 0.00	55.77 2.69 0.00	54.49 3.28 0.00	52.03 3.50 0.00	54.18 4.81 0.00	60.49 4.85 0.00	85.99 5.41 0.22	76.21 3.64 1.10	75.97 2.95 0.94	68.95 2.57 3.46	52.76 2.12 5.07
PPL PILGRIM_ST_GT1 24216	46.61 3.87 0.00	40.91 3.34 0.00	39.47 2.87 0.00	39.66 2.52 0.00	36.52 2.57 0.00	29.83 2.18 0.00	28.18 2.21 0.00	25.81 2.20 0.00	26.76 2.36 0.00	30.22 2.30 -0.32	44.36 2.21 -16.59	27.86 1.82 0.00	31.08 1.97 0.00	48.00 3.28 0.00	56.02 2.93 0.00	54.73 3.52 0.00	52.44 3.92 0.00	54.55 5.18 0.00	60.98 5.34 0.00	86.77 6.19 0.21	77.03 4.43 1.06	76.93 3.79 0.81	69.95 3.10 2.99	53.91 2.59 4.40
PPL PILGRIM_ST_GT2 24217	46.61 3.87 0.00	40.91 3.34 0.00	39.47 2.87 0.00	39.66 2.52 0.00	36.52 2.57 0.00	29.83 2.18 0.00	28.18 2.21 0.00	25.81 2.20 0.00	26.76 2.36 0.00	30.22 2.30 -0.32	44.36 2.21 -16.59	27.86 1.82 0.00	31.08 1.97 0.00	48.00 3.28 0.00	56.02 2.93 0.00	54.73 3.52 0.00	52.44 3.92 0.00	54.55 5.18 0.00	60.98 5.34 0.00	86.77 6.19 0.21	77.03 4.43 1.06	76.93 3.79 0.81	69.95 3.10 2.99	53.91 2.59 4.40
PPL_SHRM_GT3 24213	45.86 3.12 0.00	40.20 2.63 0.00	38.74 2.15 0.00	38.89 1.75 0.00	35.81 1.86 0.00	29.28 1.63 0.00	27.67 1.70 0.00	25.38 1.77 0.00	26.33 1.93 0.00	29.72 1.79 -0.32	43.90 1.75 -16.59	27.34 1.30 0.00	30.50 1.38 0.00	47.08 2.36 0.00	55.12 2.03 0.00	54.01 2.80 0.00	51.98 3.45 0.00	54.26 4.89 0.00	60.70 5.06 0.00	86.24 5.67 0.22	76.33 3.77 1.10	76.10 3.10 0.95	68.62 2.29 3.51	52.36 1.79 5.15
PPL_SHRM_GT4 24214	45.86 3.12 0.00	40.20 2.63 0.00	38.74 2.15 0.00	38.89 1.75 0.00	35.81 1.86 0.00	29.28 1.63 0.00	27.67 1.70 0.00	25.38 1.77 0.00	26.33 1.93 0.00	29.72 1.79 -0.32	43.90 1.75 -16.59	27.34 1.30 0.00	30.50 1.38 0.00	47.08 2.36 0.00	55.12 2.03 0.00	54.01 2.80 0.00	51.98 3.45 0.00	54.26 4.89 0.00	60.70 5.06 0.00	86.24 5.67 0.22	76.33 3.77 1.10	76.10 3.10 0.95	68.62 2.29 3.51	52.36 1.79 5.15
PROJECT___ORANGE 1 24174	42.55 -0.19 0.00	37.42 -0.15 0.00	36.51 -0.08 0.00	37.08 -0.07 0.00	33.96 0.01 0.00	27.66 0.01 0.00	25.99 0.02 0.00	23.64 0.03 0.00	24.42 0.02 0.00	27.62 0.01 0.00	25.59 0.03 0.00	26.11 0.07 0.00	29.30 0.18 0.00	45.16 0.44 0.00	53.54 0.46 0.00	51.71 0.50 0.00	41.36 0.87 8.04	50.35 0.99 0.00	56.96 1.32 0.00	82.83 2.03 -0.01	75.71 1.84 -0.21	75.86 1.46 -0.45	71.53 1.01 -0.67	56.14 0.41 0.00
PROJECT___ORANGE 2 24166	42.55 -0.19 0.00	37.42 -0.15 0.00	36.51 -0.08 0.00	37.08 -0.07 0.00	33.96 0.01 0.00	27.66 0.01 0.00	25.99 0.02 0.00	23.64 0.03 0.00	24.42 0.02 0.00	27.62 0.01 0.00	25.59 0.03 0.00	26.11 0.07 0.00	29.30 0.18 0.00	45.16 0.44 0.00	53.54 0.46 0.00	51.71 0.50 0.00	41.36 0.87 8.04	50.35 0.99 0.00	56.96 1.32 0.00	82.83 2.03 -0.01	75.71 1.84 -0.21	75.86 1.46 -0.45	71.53 1.01 -0.67	56.14 0.41 0.00
PUCKETT___SOLAR 323809	43.32 0.58 0.00	38.06 0.48 0.00	37.02 0.42 0.00	37.56 0.42 0.00	34.44 0.48 0.00	28.09 0.44 0.00	26.66 0.69 0.00	24.25 0.64 0.00	24.94 0.54 0.00	28.25 0.69 0.05	23.06 0.64 3.14	24.52 0.69 2.21	29.82 0.92 0.22	46.26 1.54 0.00	54.60 1.52 0.00	52.95 1.74 0.00	50.79 2.26 0.00	51.75 2.54 0.15	58.94 3.30 0.00	85.75 4.95 -0.01	78.38 4.58 -0.14	78.21 3.95 -0.31	73.54 3.22 -0.47	57.63 1.90 0.00
PYRITES___HYD 24023	43.53 0.78 0.00	38.15 0.57 0.00	37.10 0.50 0.00	37.61 0.47 0.00	34.07 0.12 0.00	27.51 -0.14 0.00	25.84 -0.13 0.00	23.41 -0.20 0.00	24.24 -0.16 0.00	27.50 -0.11 0.00	25.45 -0.10 0.00	25.93 -0.11 0.00	28.79 -0.33 0.00	44.17 -0.56 0.00	52.85 -0.23 0.00	50.67 -0.54 0.00	-214.35 -1.95 260.93	46.88 -2.48 0.00	53.50 -2.14 0.00	79.16 -1.64 0.00	73.47 -0.19 0.00	75.43 1.48 0.00	71.72 1.88 0.00	57.43 1.71 0.00
QUAKERRD_115KV_BK1 80622	41.86 -0.87 0.00	36.77 -0.81 0.00	35.76 -0.84 0.00	36.26 -0.88 0.00	33.21 -0.74 0.00	27.05 -0.60 0.00	25.49 -0.48 0.00	23.27 -0.34 0.00	24.12 -0.29 0.00	27.41 -0.20 0.00	26.10 -0.07 -0.61	28.58 0.23 -2.31	29.76 0.41 -0.23	45.59 0.87 0.00	54.31 1.22 0.00	52.30 1.09 0.00	49.96 1.44 0.00	50.79 1.26 -0.16	57.40 1.76 0.00	83.81 3.02 0.00	76.61 2.94 0.00	76.33 2.38 0.00	71.82 1.98 0.00	56.67 0.95 0.00
QUENSBRY_115KV_TB8 356137	45.77 3.03 0.00	40.11 2.54 0.00	39.06 2.47 0.00	39.60 2.47 0.00	36.28 2.32 0.00	29.64 1.99 0.00	27.75 1.79 0.00	25.33 1.72 0.00	26.32 1.92 0.00	29.63 1.98 -0.04	29.29 1.49 -2.24	27.11 1.08 0.00	30.27 1.15 0.00	46.64 1.91 0.00	55.27 2.19 0.00	53.76 2.55 0.00	52.25 3.72 0.00	53.58 4.21 0.00	60.30 4.66 0.00	87.05 6.26 0.00	79.25 5.58 0.00	79.78 5.83 0.00	74.05 4.21 0.00	58.99 3.28 0.00
RAMAPO___LBMP 323565	45.47 2.73 0.00	40.01 2.44 0.00	38.82 2.23 0.00	39.23 2.09 0.00	36.02 2.07 0.00	29.48 1.83 0.00	27.69 1.72 0.00	25.33 1.72 0.00	26.21 1.81 0.00	28.77 1.71 0.54	-1.72 1.39 28.67	27.21 1.17 0.00	30.53 1.41 0.00	47.16 2.43 0.00	55.27 2.19 0.00	53.94 2.73 0.00	51.97 3.45 0.00	53.32 3.95 0.00	59.78 4.14 0.00	85.78 4.99 0.00	77.57 3.91 0.00	77.41 3.46 0.00	72.53 2.69 0.00	57.72 2.00 0.00
RANKINE___ 23646	41.63 -1.01 0.11	36.68 -0.90 0.00	35.56 -1.01 0.03	35.84 -1.12 0.18	28.77 -0.88 4.30	16.56 -0.73 10.35	14.92 -0.60 10.45	13.98 -0.41 9.22	14.94 -0.34 9.12	18.79 -0.15 8.67	21.34 0.03 4.25	28.19 0.41 -1.75	30.07 0.78 -0.17	46.48 1.76 0.00	55.65 2.57 0.00	53.32 2.11 0.00	50.84 2.32 0.00	50.45 1.70 0.62	58.02 2.38 0.00	85.01 4.22 0.00	78.10 4.44 0.00	77.74 3.79 0.00	73.61 3.76 0.00	57.80 2.08 0.00
RAVENSWOOD_GT2_1 24244	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.77 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.77 0.00	47.64 2.92 0.00	55.76 2.68 0.00	54.38 3.17 0.00	52.45 3.93 0.00	53.73 4.36 0.00	60.18 4.54 0.00	86.19 5.39 0.00	77.84 4.18 0.00	77.68 3.73 0.00	72.72 2.87 0.00	58.12 2.40 0.00
RAVENSWOOD_GT2_2 24245	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.77 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.77 0.00	47.64 2.92 0.00	55.76 2.68 0.00	54.38 3.17 0.00	52.45 3.93 0.00	53.73 4.36 0.00	60.18 4.54 0.00	86.19 5.39 0.00	77.84 4.18 0.00	77.68 3.73 0.00	72.72 2.87 0.00	58.12 2.40 0.00



RAVENSWOOD_GT2_3 24246	46.00 3.26 0.00	40.45 2.88 0.00	39.20 2.61 0.00	39.58 2.44 0.00	36.36 2.41 0.00	29.79 2.13 0.00	27.99 2.02 0.00	25.63 2.03 0.00	26.52 2.13 0.00	30.01 2.09 -0.32	43.98 1.78 -16.64	27.61 1.57 0.00	30.92 1.80 0.00	47.68 2.95 0.00	55.80 2.71 0.00	54.43 3.22 0.00	52.49 3.96 0.00	53.77 4.40 0.00	60.22 4.58 0.00	86.25 5.46 0.00	77.91 4.25 0.00	77.74 3.79 0.00	72.76 2.92 0.00	58.17 2.45 0.00
RAVENSWOOD_GT2_4 24247	46.00 3.26 0.00	40.45 2.88 0.00	39.20 2.61 0.00	39.58 2.44 0.00	36.36 2.41 0.00	29.79 2.13 0.00	27.99 2.02 0.00	25.63 2.03 0.00	26.52 2.13 0.00	30.01 2.09 -0.32	43.98 1.78 -16.64	27.61 1.57 0.00	30.92 1.80 0.00	47.68 2.95 0.00	55.80 2.71 0.00	54.43 3.22 0.00	52.49 3.96 0.00	53.77 4.40 0.00	60.22 4.58 0.00	86.25 5.46 0.00	77.91 4.25 0.00	77.74 3.79 0.00	72.76 2.92 0.00	58.17 2.45 0.00
RAVENSWOOD_GT3_1 24248	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.77 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.64 2.92 0.00	55.76 2.68 0.00	54.38 3.17 0.00	52.45 3.93 0.00	53.73 4.36 0.00	60.18 4.54 0.00	86.19 5.40 0.00	77.85 4.18 0.00	77.68 3.73 0.00	72.72 2.87 0.00	58.12 2.40 0.00
RAVENSWOOD_GT3_2 24249	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.77 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.64 2.92 0.00	55.76 2.68 0.00	54.38 3.17 0.00	52.45 3.93 0.00	53.73 4.36 0.00	60.18 4.54 0.00	86.19 5.40 0.00	77.85 4.18 0.00	77.68 3.73 0.00	72.72 2.87 0.00	58.12 2.40 0.00
RAVENSWOOD_GT3_3 24250	46.06 3.32 0.00	40.50 2.93 0.00	39.26 2.67 0.00	39.64 2.50 0.00	36.40 2.45 0.00	29.82 2.17 0.00	28.02 2.05 0.00	25.67 2.06 0.00	26.56 2.16 0.00	30.05 2.12 -0.32	44.02 1.83 -16.64	27.65 1.61 0.00	30.96 1.84 0.00	47.76 3.03 0.00	55.89 2.81 0.00	54.51 3.30 0.00	52.57 4.04 0.00	53.85 4.48 0.00	60.33 4.69 0.00	86.41 5.62 0.00	78.06 4.40 0.00	77.89 3.94 0.00	72.90 3.05 0.00	58.27 2.55 0.00
RAVENSWOOD_GT3_4 24251	46.06 3.32 0.00	40.50 2.93 0.00	39.26 2.67 0.00	39.64 2.50 0.00	36.40 2.45 0.00	29.82 2.17 0.00	28.02 2.05 0.00	25.67 2.06 0.00	26.56 2.16 0.00	30.05 2.12 -0.32	44.02 1.83 -16.64	27.65 1.61 0.00	30.96 1.84 0.00	47.76 3.03 0.00	55.89 2.81 0.00	54.51 3.30 0.00	52.57 4.04 0.00	53.85 4.48 0.00	60.33 4.69 0.00	86.41 5.62 0.00	78.06 4.40 0.00	77.89 3.94 0.00	72.90 3.05 0.00	58.27 2.55 0.00
RAVENSWOOD_GT_1 23729	46.04 3.30 0.00	40.50 2.92 0.00	39.24 2.64 0.00	39.61 2.47 0.00	36.40 2.45 0.00	29.84 2.19 0.00	28.03 2.06 0.00	25.66 2.05 0.00	26.56 2.16 0.00	30.05 2.12 -0.32	44.00 1.80 -16.64	27.63 1.59 0.00	30.93 1.81 0.00	47.68 2.95 0.00	55.66 2.58 0.00	54.30 3.08 0.00	52.37 3.85 0.00	53.60 4.23 0.00	55.86 4.35 4.12	70.38 5.10 15.50	62.07 3.91 15.50	67.10 3.46 10.30	65.10 2.60 7.35	57.97 2.25 0.00
RAVENSWOOD_GT_10 24258	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.76 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.66 2.93 0.00	55.78 2.69 0.00	54.39 3.18 0.00	52.46 3.94 0.00	53.74 4.37 0.00	59.81 4.56 0.39	84.75 5.43 1.47	76.42 4.22 1.46	76.73 3.76 0.97	72.04 2.89 0.69	58.14 2.42 0.00
RAVENSWOOD_GT_11 24259	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.76 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.66 2.93 0.00	55.78 2.69 0.00	54.39 3.18 0.00	52.46 3.94 0.00	53.74 4.37 0.00	59.81 4.56 0.39	84.75 5.43 1.47	76.42 4.22 1.46	76.73 3.76 0.97	72.04 2.89 0.69	58.14 2.42 0.00
RAVENSWOOD_GT_4 24252	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.57 2.43 0.00	36.33 2.38 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.67 2.94 0.00	55.82 2.73 0.00	54.43 3.22 0.00	52.49 3.96 0.00	53.79 4.42 0.00	57.12 4.61 3.14	74.51 5.53 11.80	66.16 4.30 11.80	69.95 3.85 7.85	67.21 2.97 5.59	58.20 2.48 0.00
RAVENSWOOD_GT_5 24254	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.57 2.43 0.00	36.33 2.38 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.67 2.94 0.00	55.82 2.73 0.00	54.43 3.22 0.00	52.49 3.96 0.00	53.79 4.42 0.00	57.12 4.61 3.14	74.51 5.53 11.80	66.16 4.30 11.80	69.95 3.85 7.85	67.21 2.97 5.59	58.20 2.48 0.00
RAVENSWOOD_GT_6 24253	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.57 2.43 0.00	36.33 2.38 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.67 2.94 0.00	55.82 2.73 0.00	54.43 3.22 0.00	52.49 3.96 0.00	53.79 4.42 0.00	57.12 4.61 3.14	74.51 5.53 11.80	66.16 4.30 11.80	69.95 3.85 7.85	67.21 2.97 5.59	58.20 2.48 0.00
RAVENSWOOD_GT_7 24255	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.57 2.43 0.00	36.33 2.38 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.67 2.94 0.00	55.82 2.73 0.00	54.43 3.22 0.00	52.49 3.96 0.00	53.79 4.42 0.00	57.12 4.61 3.14	74.51 5.53 11.80	66.16 4.30 11.80	69.95 3.85 7.85	67.21 2.97 5.59	58.20 2.48 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.76 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.66 2.93 0.00	55.78 2.69 0.00	54.39 3.18 0.00	52.46 3.94 0.00	53.74 4.37 0.00	59.81 4.56 0.39	84.75 5.43 1.47	76.42 4.22 1.46	76.73 3.76 0.97	72.04 2.89 0.69	58.14 2.42 0.00
RAVENSWOOD_GT_9 24257	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.76 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.06 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.66 2.93 0.00	55.78 2.69 0.00	54.39 3.18 0.00	52.46 3.94 0.00	53.74 4.37 0.00	59.81 4.56 0.39	84.75 5.43 1.47	76.42 4.22 1.46	76.73 3.76 0.97	72.04 2.89 0.69	58.14 2.42 0.00

RAVENSWOOD___1 23533	46.01 3.28 0.00	40.47 2.90 0.00	39.21 2.61 0.00	39.59 2.45 0.00	36.39 2.44 0.00	29.82 2.17 0.00	28.01 2.04 0.00	25.64 2.03 0.00	26.55 2.15 0.00	30.03 2.10 -0.32	43.98 1.78 -16.64	27.61 1.57 0.00	30.91 1.79 0.00	47.65 2.92 0.00	55.64 2.55 0.00	54.26 3.05 0.00	52.36 3.84 0.00	53.57 4.21 0.00	54.10 4.32 5.86	63.80 5.04 22.04	55.49 3.87 22.04	62.71 3.41 14.65	61.97 2.57 10.44	57.95 2.23 0.00
RAVENSWOOD___2 23534	45.99 3.25 0.00	40.45 2.88 0.00	39.19 2.59 0.00	39.55 2.41 0.00	36.36 2.41 0.00	29.77 2.12 0.00	27.96 1.99 0.00	25.59 1.98 0.00	26.49 2.09 0.00	29.96 2.03 -0.32	43.92 1.72 -16.64	27.55 1.51 0.00	30.84 1.73 0.00	47.53 2.80 0.00	55.34 2.26 0.00	53.99 2.78 0.00	52.10 3.58 0.00	53.20 3.84 0.00	53.59 3.86 5.91	62.88 4.31 22.22	54.64 3.20 22.22	62.01 2.82 14.77	61.39 2.08 10.53	57.68 1.95 0.00
RAVENSWOOD___3 23535	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.42 0.00	36.34 2.39 0.00	29.77 2.12 0.00	27.97 2.01 0.00	25.62 2.01 0.00	26.51 2.11 0.00	29.99 2.07 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.65 2.93 0.00	55.77 2.68 0.00	54.39 3.18 0.00	52.45 3.93 0.00	53.73 4.36 0.00	60.18 4.54 0.00	86.19 5.40 0.00	77.85 4.18 0.00	77.68 3.73 0.00	72.72 2.88 0.00	58.13 2.41 0.00
RAVENSWOOD___4 23820	45.99 3.25 0.00	40.45 2.88 0.00	39.19 2.60 0.00	39.57 2.43 0.00	36.37 2.42 0.00	29.81 2.16 0.00	28.00 2.03 0.00	25.63 2.02 0.00	26.53 2.13 0.00	30.01 2.09 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.78 0.00	47.62 2.89 0.00	55.60 2.52 0.00	54.24 3.03 0.00	52.33 3.80 0.00	53.54 4.17 0.00	52.30 4.28 7.62	57.11 4.99 28.67	48.80 3.81 28.67	58.26 3.36 19.06	58.79 2.53 13.59	57.91 2.19 0.00
RCPL_TRUST___DRP 24196	45.98 3.24 0.00	40.43 2.86 0.00	39.19 2.60 0.00	39.56 2.43 0.00	36.34 2.39 0.00	29.76 2.11 0.00	27.97 2.01 0.00	25.63 2.03 0.00	26.52 2.13 0.00	30.01 2.08 -0.32	44.01 1.78 -16.67	27.61 1.57 0.00	30.91 1.79 0.00	47.68 2.95 0.00	55.83 2.74 0.00	54.47 3.26 0.00	52.54 4.01 0.00	53.82 4.46 0.00	60.29 4.65 0.00	86.36 5.57 0.00	78.02 4.36 0.00	77.86 3.91 0.00	72.87 3.02 0.00	58.21 2.49 0.00
RED___ROCHESTER 323720	43.18 0.43 0.00	37.90 0.33 0.00	36.82 0.22 0.00	37.30 0.16 0.00	34.20 0.25 0.00	27.88 0.23 0.00	26.27 0.30 0.00	24.01 0.40 0.00	24.90 0.50 0.00	28.32 0.71 0.00	27.11 0.83 -0.72	30.00 1.21 -2.74	30.94 1.55 -0.27	47.39 2.66 0.00	56.57 3.49 0.00	54.46 3.25 0.00	52.04 3.52 0.00	52.91 3.35 -0.19	59.81 4.17 0.00	87.46 6.67 0.00	79.97 6.31 0.00	79.60 5.65 0.00	74.86 5.01 0.00	58.91 3.19 0.00
REGAN___SOLAR 323812	45.45 2.71 0.00	39.85 2.28 0.00	38.80 2.21 0.00	39.42 2.28 0.00	36.04 2.09 0.00	29.35 1.70 0.00	27.58 1.62 0.00	25.03 1.42 0.00	25.91 1.51 0.00	29.10 1.49 0.00	26.62 1.07 0.00	26.76 0.72 0.00	29.68 0.56 0.00	46.47 1.74 0.00	55.30 2.22 0.00	53.59 2.38 0.00	51.01 2.48 0.00	52.60 3.23 0.00	59.82 4.18 0.00	87.40 6.61 0.00	80.06 6.40 0.00	80.15 6.20 0.00	75.25 5.40 0.00	59.72 4.00 0.00
RENSSELAER___COGEN 23796	44.07 1.33 0.00	38.77 1.20 0.00	37.75 1.15 0.00	38.29 1.15 0.00	35.11 1.15 0.00	28.66 1.01 0.00	26.78 0.81 0.00	24.37 0.76 0.00	25.21 0.81 0.00	28.36 0.71 -0.05	28.45 0.51 -2.39	26.31 0.27 0.00	29.33 0.21 0.00	44.90 0.17 0.00	52.99 -0.10 0.00	51.55 0.34 0.00	49.44 0.91 0.00	50.67 1.30 0.00	56.79 1.16 0.00	81.89 1.10 0.00	74.36 0.69 0.00	74.62 0.67 0.00	69.80 -0.05 0.00	55.69 -0.03 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.86 6.12 0.00	42.55 4.98 0.00	41.39 4.80 0.00	41.92 4.78 0.00	38.47 4.52 0.00	31.48 3.83 0.00	29.23 3.26 0.00	26.91 3.30 0.00	28.06 3.66 0.00	31.58 3.93 -0.04	31.09 3.27 -2.26	28.56 2.52 0.00	31.84 2.72 0.00	49.28 4.55 0.00	58.27 5.18 0.00	56.61 5.40 0.00	55.55 7.02 0.00	57.47 8.10 0.00	64.33 8.70 0.00	92.66 11.86 0.00	85.06 11.40 0.00	86.02 12.07 0.00	79.08 9.24 0.00	63.17 7.44 0.00
REVERE_CPPR_DRP 24186	44.04 1.30 0.00	38.72 1.15 0.00	37.73 1.13 0.00	38.62 1.49 0.00	35.13 1.18 0.00	28.28 0.63 0.00	26.44 0.47 0.00	24.08 0.48 0.00	24.94 0.54 0.00	28.22 0.61 0.00	26.14 0.58 0.00	26.66 0.62 0.00	29.96 0.84 0.00	46.26 1.53 0.00	54.90 1.81 0.00	53.19 1.98 0.00	26.32 2.29 24.49	51.64 2.27 0.00	58.85 3.21 0.00	86.30 5.50 -0.01	78.54 4.76 -0.12	78.33 4.14 -0.25	73.41 3.23 -0.33	57.79 2.06 0.00
REYNLDPA_13_KV_LD 356490	42.70 -0.05 0.00	37.48 -0.09 0.00	36.43 -0.16 0.00	36.84 -0.29 0.00	33.53 -0.42 0.00	27.23 -0.42 0.00	25.59 -0.38 0.00	23.24 -0.37 0.00	24.01 -0.39 0.00	27.37 -0.24 0.00	25.46 -0.10 0.00	26.14 0.10 0.00	29.05 -0.07 0.00	44.55 -0.17 0.00	53.28 0.20 0.00	51.08 -0.13 0.00	81.05 -1.01 -33.53	47.97 -1.40 0.00	54.13 -1.51 0.00	79.06 -1.74 0.00	72.44 -1.22 0.00	73.34 -0.61 0.00	69.83 -0.02 0.00	55.69 -0.03 0.00
REYNOLDS_115KV_TB3 80639	44.22 1.48 0.00	38.89 1.32 0.00	37.88 1.29 0.00	38.40 1.26 0.00	35.21 1.26 0.00	28.79 1.14 0.00	26.94 0.97 0.00	24.53 0.92 0.00	25.38 0.98 0.00	28.55 0.88 -0.05	28.84 0.68 -2.60	26.46 0.42 0.00	29.51 0.39 0.00	45.18 0.45 0.00	53.33 0.25 0.00	51.89 0.68 0.00	49.81 1.29 0.00	51.06 1.69 0.00	57.16 1.52 0.00	82.39 1.60 0.00	74.85 1.18 0.00	75.14 1.19 0.00	70.23 0.39 0.00	56.06 0.33 0.00
RIVERBAY____ 323610	47.44 4.70 0.00	41.76 4.19 0.00	40.46 3.87 0.00	40.87 3.74 0.00	37.56 3.60 0.00	30.84 3.19 0.00	28.89 2.92 0.00	26.43 2.82 0.00	27.25 2.85 0.00	30.85 2.92 -0.32	44.75 2.55 -16.64	28.39 2.35 0.00	31.82 2.70 0.00	49.12 4.39 0.00	57.44 4.36 0.00	55.99 4.78 0.00	53.99 5.47 0.00	55.30 5.93 0.00	61.93 6.29 -0.01	88.72 7.92 -0.01	80.34 6.66 -0.01	80.33 6.37 -0.01	75.08 5.23 -0.01	60.03 4.31 0.00
RIVERSDE_115KV_TB3 55908	44.21 1.47 0.00	38.90 1.32 0.00	37.88 1.28 0.00	38.40 1.26 0.00	35.20 1.25 0.00	28.76 1.11 0.00	26.89 0.92 0.00	24.48 0.87 0.00	25.33 0.93 0.00	28.50 0.84 -0.05	28.69 0.64 -2.49	26.44 0.40 0.00	29.50 0.38 0.00	45.16 0.44 0.00	53.32 0.23 0.00	51.87 0.66 0.00	49.78 1.25 0.00	51.03 1.66 0.00	57.14 1.50 0.00	82.39 1.60 0.00	74.84 1.17 0.00	75.11 1.16 0.00	70.21 0.37 0.00	56.02 0.29 0.00
ROARING___BROOK_WT_PWR 323790	41.69 -1.05 0.00	36.78 -0.80 0.00	35.91 -0.68 0.00	36.99 -0.15 0.00	33.78 -0.17 0.00	27.15 -0.50 0.00	25.38 -0.59 0.00	23.07 -0.53 0.00	23.90 -0.50 0.00	27.11 -0.49 0.00	25.11 -0.45 0.00	25.54 -0.50 0.00	28.63 -0.49 0.00	44.26 -0.46 0.00	52.71 -0.38 0.00	50.78 -0.42 0.00	54.40 -0.59 -6.46	48.67 -0.70 0.00	54.92 -0.72 0.00	80.04 -0.75 0.00	73.15 -0.52 0.00	73.35 -0.60 0.00	69.27 -0.57 0.00	55.20 -0.52 0.00

ROCHESRG_115KV_T4 355643	42.54 -0.20 0.00	37.38 -0.20 0.00	36.33 -0.26 0.00	36.81 -0.33 0.00	33.74 -0.21 0.00	27.48 -0.17 0.00	25.89 -0.08 0.00	23.64 0.04 0.00	24.50 0.10 0.00	27.87 0.25 0.00	26.61 0.37 -0.68	29.31 0.70 -2.57	30.32 0.95 -0.25	46.47 1.75 0.00	55.44 2.36 0.00	53.30 2.09 0.00	50.89 2.37 0.00	51.70 2.15 -0.18	58.39 2.75 0.00	85.36 4.57 0.00	78.12 4.46 0.00	77.85 3.91 0.00	73.32 3.48 0.00	57.82 2.10 0.00
ROCHESTER_9_IC 23652	42.89 0.14 0.00	37.65 0.07 0.00	36.58 -0.01 0.00	37.06 -0.08 0.00	33.97 0.02 0.00	27.68 0.03 0.00	26.08 0.11 0.00	23.83 0.22 0.00	24.70 0.30 0.00	28.10 0.49 0.00	26.87 0.59 -0.72	29.74 0.96 -2.74	30.64 1.26 -0.27	46.92 2.20 0.00	56.02 2.94 0.00	53.88 2.67 0.00	51.47 2.95 0.00	52.30 2.74 -0.19	59.10 3.46 0.00	86.41 5.62 0.00	79.06 5.40 0.00	78.75 4.81 0.00	74.10 4.26 0.00	58.38 2.66 0.00
ROCKVIEW_13_KV_LD 356306	46.07 3.33 0.00	40.51 2.93 0.00	39.27 2.68 0.00	39.65 2.51 0.00	36.41 2.46 0.00	29.81 2.16 0.00	28.02 2.05 0.00	25.65 2.04 0.00	26.53 2.13 0.00	30.03 2.11 -0.32	44.00 1.80 -16.65	27.64 1.60 0.00	30.98 1.86 0.00	47.80 3.07 0.00	55.97 2.89 0.00	54.58 3.36 0.00	52.62 4.09 0.00	54.01 4.64 0.00	60.53 4.89 0.00	86.84 6.05 0.00	78.50 4.83 0.00	78.36 4.42 0.00	73.33 3.48 0.00	58.46 2.73 0.00
ROME____115KV_TB2 80656	44.04 1.30 0.00	38.72 1.15 0.00	37.73 1.13 0.00	38.62 1.49 0.00	35.13 1.18 0.00	28.28 0.63 0.00	26.44 0.47 0.00	24.08 0.48 0.00	24.94 0.54 0.00	28.22 0.61 0.00	26.14 0.58 0.00	26.66 0.62 0.00	29.96 0.84 0.00	46.26 1.53 0.00	54.90 1.81 0.00	53.19 1.98 0.00	26.32 2.29 24.49	51.64 2.27 0.00	58.85 3.21 0.00	86.30 5.50 -0.01	78.54 4.76 -0.12	78.33 4.14 -0.25	73.41 3.23 -0.33	57.79 2.06 0.00
ROSETON____1 23587	45.26 2.52 0.00	39.82 2.25 0.00	38.67 2.08 0.00	39.10 1.96 0.00	35.90 1.94 0.00	29.37 1.72 0.00	27.59 1.62 0.00	25.21 1.60 0.00	26.07 1.67 0.00	28.85 1.59 0.35	8.58 1.32 18.30	27.13 1.09 0.00	30.37 1.26 0.00	46.80 2.07 0.00	54.90 1.81 0.00	53.49 2.28 0.00	51.49 2.97 0.00	52.85 3.48 0.00	59.24 3.61 0.00	85.09 4.29 0.00	76.97 3.31 0.00	76.92 2.96 0.00	72.08 2.24 0.00	57.43 1.70 0.00
ROSETON____2 23588	45.26 2.52 0.00	39.82 2.25 0.00	38.67 2.08 0.00	39.10 1.96 0.00	35.90 1.94 0.00	29.37 1.72 0.00	27.59 1.62 0.00	25.21 1.60 0.00	26.07 1.67 0.00	28.85 1.59 0.35	8.58 1.32 18.30	27.13 1.09 0.00	30.37 1.26 0.00	46.80 2.07 0.00	54.90 1.81 0.00	53.49 2.28 0.00	51.49 2.97 0.00	52.85 3.48 0.00	59.24 3.61 0.00	85.09 4.29 0.00	76.97 3.31 0.00	76.92 2.96 0.00	72.08 2.24 0.00	57.43 1.70 0.00
ROTRRDAM_115KV_TB3 80664	44.24 1.50 0.00	38.88 1.31 0.00	37.87 1.27 0.00	38.42 1.28 0.00	35.19 1.24 0.00	28.73 1.08 0.00	26.96 0.99 0.00	24.53 0.92 0.00	25.37 0.97 0.00	28.60 0.96 -0.04	28.33 0.75 -2.02	26.63 0.59 0.00	29.77 0.65 0.00	45.81 1.08 0.00	54.15 1.06 0.00	52.54 1.33 0.00	50.31 1.79 0.00	51.47 2.10 0.00	57.86 2.22 0.00	83.73 2.94 0.00	76.16 2.49 0.00	76.37 2.42 0.00	71.61 1.77 0.00	57.05 1.33 0.00
RUSSELL____1 23602	43.18 0.44 0.00	37.90 0.33 0.00	36.82 0.22 0.00	37.30 0.16 0.00	34.20 0.25 0.00	27.86 0.21 0.00	26.26 0.29 0.00	24.00 0.39 0.00	24.89 0.49 0.00	28.32 0.71 0.00	27.10 0.82 -0.72	29.99 1.21 -2.74	30.94 1.55 -0.27	47.39 2.66 0.00	56.57 3.49 0.00	54.45 3.24 0.00	52.04 3.52 0.00	52.91 3.35 -0.19	59.81 4.17 0.00	87.45 6.66 0.00	79.97 6.31 0.00	79.59 5.64 0.00	74.86 5.01 0.00	58.91 3.19 0.00
RUSSELL____2 23532	43.18 0.44 0.00	37.90 0.33 0.00	36.82 0.22 0.00	37.30 0.16 0.00	34.20 0.25 0.00	27.86 0.21 0.00	26.26 0.29 0.00	24.00 0.39 0.00	24.89 0.49 0.00	28.32 0.71 0.00	27.10 0.82 -0.72	29.99 1.21 -2.74	30.94 1.55 -0.27	47.39 2.66 0.00	56.57 3.49 0.00	54.45 3.24 0.00	52.04 3.52 0.00	52.91 3.35 -0.19	59.81 4.17 0.00	87.45 6.66 0.00	79.97 6.31 0.00	79.59 5.64 0.00	74.86 5.01 0.00	58.91 3.19 0.00
RUSSELL____3 23549	43.18 0.44 0.00	37.90 0.33 0.00	36.82 0.22 0.00	37.30 0.16 0.00	34.20 0.25 0.00	27.86 0.21 0.00	26.26 0.29 0.00	24.00 0.39 0.00	24.89 0.49 0.00	28.32 0.71 0.00	27.10 0.82 -0.72	29.99 1.21 -2.74	30.94 1.55 -0.27	47.39 2.66 0.00	56.57 3.49 0.00	54.45 3.24 0.00	52.04 3.52 0.00	52.91 3.35 -0.19	59.81 4.17 0.00	87.45 6.66 0.00	79.97 6.31 0.00	79.59 5.64 0.00	74.86 5.01 0.00	58.91 3.19 0.00
RUSSELL____4 23556	43.18 0.44 0.00	37.90 0.33 0.00	36.82 0.22 0.00	37.30 0.16 0.00	34.20 0.25 0.00	27.86 0.21 0.00	26.26 0.29 0.00	24.00 0.39 0.00	24.89 0.49 0.00	28.32 0.71 0.00	27.10 0.82 -0.72	29.99 1.21 -2.74	30.94 1.55 -0.27	47.39 2.66 0.00	56.57 3.49 0.00	54.45 3.24 0.00	52.04 3.52 0.00	52.91 3.35 -0.19	59.81 4.17 0.00	87.45 6.66 0.00	79.97 6.31 0.00	79.59 5.64 0.00	74.86 5.01 0.00	58.91 3.19 0.00
RUSSELL____STATION 23914	43.18 0.44 0.00	37.90 0.33 0.00	36.82 0.22 0.00	37.30 0.16 0.00	34.20 0.25 0.00	27.86 0.21 0.00	26.26 0.29 0.00	24.00 0.39 0.00	24.89 0.49 0.00	28.32 0.71 0.00	27.10 0.82 -0.72	29.99 1.21 -2.74	30.94 1.55 -0.27	47.39 2.66 0.00	56.57 3.49 0.00	54.45 3.24 0.00	52.04 3.52 0.00	52.91 3.35 -0.19	59.81 4.17 0.00	87.45 6.66 0.00	79.97 6.31 0.00	79.59 5.64 0.00	74.86 5.01 0.00	58.91 3.19 0.00
S SALMON____HYD 24043	42.22 -0.52 0.00	37.13 -0.44 0.00	36.32 -0.28 0.00	37.33 0.19 0.00	34.00 0.05 0.00	27.42 -0.23 0.00	25.59 -0.37 0.00	23.30 -0.31 0.00	24.09 -0.31 0.00	27.22 -0.39 0.00	25.20 -0.36 0.00	25.68 -0.36 0.00	28.82 -0.29 0.00	44.48 -0.24 0.00	52.78 -0.30 0.00	50.95 -0.26 0.00	23.76 0.01 24.78	49.31 -0.05 0.00	56.07 0.43 0.00	82.28 1.46 -0.02	75.65 1.55 -0.44	76.19 1.27 -0.97	71.70 0.40 -1.46	55.41 -0.31 0.00
S.PERRY__115KV_TB1 80734	43.78 0.66 -0.38	38.07 0.49 0.00	37.13 0.41 -0.12	38.07 0.30 -0.63	49.34 0.32 -15.07	64.20 0.31 -36.24	62.97 0.40 -36.60	56.13 0.25 -32.27	56.29 -0.04 -31.93	57.91 -0.11 -30.41	49.30 0.51 -23.24	52.89 0.47 -26.37	32.27 0.57 -2.58	45.78 1.06 0.00	54.73 1.65 0.00	52.38 1.17 0.00	49.80 1.28 0.00	54.75 0.99 -4.39	57.60 1.96 0.00	85.71 4.92 0.00	79.78 6.12 0.00	79.58 5.63 0.00	74.64 4.80 0.00	58.40 2.68 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.52 -1.13 0.09	36.56 -1.02 0.00	35.43 -1.13 0.03	35.74 -1.25 0.15	29.34 -0.99 3.63	18.09 -0.83 8.72	16.47 -0.68 8.81	15.36 -0.48 7.77	16.30 -0.41 7.69	20.07 -0.23 7.31	22.08 -0.06 3.42	28.00 0.30 -1.65	29.93 0.65 -0.16	46.26 1.53 0.00	55.40 2.32 0.00	53.00 1.79 0.00	50.55 2.02 0.00	50.27 1.41 0.51	57.58 1.94 0.00	84.32 3.52 0.00	77.49 3.82 0.00	77.17 3.22 0.00	73.10 3.25 0.00	57.53 1.80 0.00

SAWYER___23_KV_LOAD 55526	41.52 -1.13 0.09	36.56 -1.02 0.00	35.43 -1.13 0.03	35.74 -1.25 0.15	29.34 -0.99 3.63	18.09 -0.83 8.72	16.47 -0.68 8.81	15.36 -0.48 7.77	16.30 -0.41 7.69	20.07 -0.23 7.31	22.08 -0.06 3.42	28.00 0.30 -1.65	29.93 0.65 -0.16	46.26 1.53 0.00	55.40 2.32 0.00	53.00 1.79 0.00	50.55 2.02 0.00	50.27 1.41 0.51	57.58 1.94 0.00	84.32 3.52 0.00	77.49 3.82 0.00	77.17 3.22 0.00	73.10 3.25 0.00	57.53 1.80 0.00
SELKIRK___I 23801	44.18 1.44 0.00	38.87 1.30 0.00	37.86 1.27 0.00	38.44 1.30 0.00	35.24 1.29 0.00	28.78 1.13 0.00	26.93 0.96 0.00	24.47 0.86 0.00	25.28 0.88 0.00	28.43 0.82 0.00	26.18 0.62 0.00	26.46 0.43 0.00	29.49 0.37 0.00	45.18 0.45 0.00	53.40 0.32 0.00	52.00 0.79 0.00	49.73 1.21 0.00	50.94 1.57 0.00	57.24 1.60 0.00	82.69 1.90 0.00	75.13 1.47 0.00	75.36 1.41 0.00	70.67 0.82 0.00	56.33 0.61 0.00
SELKIRK___II 23799	44.07 1.33 0.00	38.77 1.20 0.00	37.75 1.15 0.00	38.30 1.16 0.00	35.11 1.16 0.00	28.67 1.02 0.00	26.83 0.87 0.00	24.42 0.81 0.00	25.26 0.86 0.00	28.42 0.77 -0.04	28.28 0.59 -2.13	26.42 0.38 0.00	29.48 0.36 0.00	45.19 0.47 0.00	53.34 0.25 0.00	51.88 0.66 0.00	49.69 1.16 0.00	50.90 1.54 0.00	57.11 1.47 0.00	82.40 1.61 0.00	74.84 1.17 0.00	75.04 1.09 0.00	70.30 0.46 0.00	56.07 0.35 0.00
SENECA OSWGO___HYD 24041	41.96 -0.78 0.00	36.91 -0.66 0.00	36.05 -0.55 0.00	36.62 -0.52 0.00	33.52 -0.43 0.00	27.31 -0.34 0.00	25.66 -0.31 0.00	23.33 -0.28 0.00	24.10 -0.30 0.00	27.23 -0.38 0.00	25.23 -0.33 0.00	25.70 -0.34 0.00	28.82 -0.29 0.00	44.41 -0.31 0.00	52.69 -0.39 0.00	50.92 -0.29 0.00	39.87 0.01 8.66	49.52 0.15 0.00	55.99 0.35 0.00	81.40 0.58 -0.03	74.90 0.57 -0.66	75.60 0.17 -1.47	71.85 -0.20 -2.21	55.21 -0.51 0.00
SENECA___115KV_TB3 355854	41.70 -0.93 0.11	36.74 -0.83 0.00	35.62 -0.94 0.03	35.90 -1.06 0.18	28.83 -0.82 4.30	16.61 -0.68 10.35	14.97 -0.55 10.45	14.02 -0.37 9.22	14.99 -0.29 9.12	18.83 -0.11 8.67	21.39 0.08 4.25	28.24 0.45 -1.75	30.13 0.84 -0.17	46.57 1.84 0.00	55.76 2.67 0.00	53.43 2.22 0.00	50.94 2.42 0.00	50.57 1.82 0.62	58.14 2.50 0.00	85.18 4.39 0.00	78.27 4.61 0.00	77.89 3.94 0.00	73.76 3.92 0.00	57.92 2.19 0.00
SENECA___ENERGY 23797	42.73 -0.04 -0.03	37.49 -0.09 0.00	36.56 -0.05 -0.01	37.10 -0.08 -0.04	34.97 0.01 -1.01	30.11 0.03 -2.43	28.53 0.11 -2.45	25.93 0.16 -2.16	26.76 0.22 -2.14	29.96 0.29 -2.06	27.54 0.33 -1.66	28.63 0.51 -2.09	30.17 0.85 -0.20	46.21 1.48 0.00	54.63 1.55 0.00	52.78 1.57 0.00	45.21 1.93 5.24	51.58 1.90 -0.32	58.29 2.65 0.00	85.08 4.28 -0.01	78.06 4.13 -0.27	78.15 3.61 -0.59	73.57 2.85 -0.89	57.33 1.61 0.00
SHOEMAKER___GT 23640	45.22 2.48 0.00	39.79 2.21 0.00	38.62 2.02 0.00	39.07 1.93 0.00	35.85 1.90 0.00	29.32 1.67 0.00	27.55 1.58 0.00	25.17 1.56 0.00	26.04 1.64 0.00	28.76 1.59 0.44	3.90 1.31 22.97	27.13 1.09 0.00	30.39 1.27 0.00	46.81 2.08 0.00	54.89 1.80 0.00	53.45 2.24 0.00	51.50 2.98 0.00	52.87 3.51 0.00	59.43 3.79 0.00	85.57 4.77 0.00	77.47 3.81 0.00	77.40 3.45 0.00	72.54 2.70 0.00	57.70 1.98 0.00
SHOEMAKR_138KV_BK 111 55601	45.20 2.47 0.00	39.77 2.20 0.00	38.60 2.01 0.00	39.05 1.91 0.00	35.84 1.89 0.00	29.31 1.66 0.00	27.53 1.57 0.00	25.16 1.55 0.00	26.04 1.64 0.00	28.75 1.57 0.43	4.33 1.30 22.53	27.12 1.08 0.00	30.38 1.26 0.00	46.81 2.09 0.00	54.92 1.83 0.00	53.50 2.29 0.00	51.53 3.00 0.00	52.90 3.53 0.00	59.43 3.79 0.00	85.52 4.72 0.00	77.41 3.74 0.00	77.33 3.38 0.00	72.46 2.62 0.00	57.64 1.92 0.00
SHOREHAM_IC_1 23715	45.86 3.12 0.00	40.20 2.63 0.00	38.74 2.15 0.00	38.89 1.75 0.00	35.81 1.86 0.00	29.28 1.63 0.00	27.67 1.70 0.00	25.38 1.77 0.00	26.33 1.93 0.00	29.72 1.79 -0.32	43.90 1.75 -16.59	27.34 1.30 0.00	30.50 1.38 0.00	47.08 2.36 0.00	55.12 2.03 0.00	54.01 2.80 0.00	51.98 3.45 0.00	54.26 4.89 0.00	60.70 5.06 0.00	86.24 5.67 0.22	76.33 3.77 1.10	76.10 3.10 0.95	68.62 2.29 3.51	52.36 1.79 5.15
SHOREHAM_IC_2 23716	45.85 3.11 0.00	40.20 2.62 0.00	38.74 2.15 0.00	38.89 1.75 0.00	35.80 1.85 0.00	29.29 1.63 0.00	27.67 1.70 0.00	25.38 1.77 0.00	26.33 1.93 0.00	29.71 1.79 -0.32	43.90 1.75 -16.59	27.36 1.32 0.00	30.49 1.37 0.00	47.09 2.36 0.00	55.12 2.03 0.00	54.01 2.80 0.00	51.97 3.45 0.00	54.27 4.90 0.00	60.69 5.05 0.00	86.26 5.68 0.22	76.38 3.82 1.10	76.10 3.11 0.95	68.62 2.29 3.51	52.35 1.78 5.15
SISSONVILLE___ 23735	42.69 -0.05 0.00	37.43 -0.15 0.00	36.40 -0.19 0.00	37.01 -0.13 0.00	33.48 -0.47 0.00	27.00 -0.65 0.00	25.35 -0.62 0.00	22.95 -0.66 0.00	23.77 -0.62 0.00	27.03 -0.58 0.00	25.11 -0.45 0.00	25.68 -0.36 0.00	28.57 -0.55 0.00	43.88 -0.85 0.00	52.55 -0.54 0.00	50.37 -0.83 0.00	-199.55 -2.22 245.86	46.72 -2.64 0.00	53.09 -2.55 0.00	78.07 -2.73 0.00	72.03 -1.70 -0.06	73.82 -0.26 -0.13	70.26 0.23 -0.19	56.16 0.44 0.00
SITHE_IND_GS1 24169	41.49 -1.25 0.00	36.51 -1.06 0.00	35.69 -0.90 0.00	36.25 -0.89 0.00	33.17 -0.78 0.00	27.04 -0.61 0.00	25.42 -0.55 0.00	23.11 -0.50 0.00	23.86 -0.54 0.00	26.94 -0.67 0.00	24.96 -0.60 0.00	25.46 -0.57 0.00	28.52 -0.60 0.00	43.89 -0.84 0.00	52.05 -1.03 0.00	50.26 -0.95 0.00	47.87 -0.65 0.00	48.74 -0.63 0.00	55.05 -0.59 0.00	79.96 -0.74 0.09	71.08 -0.66 1.92	68.79 -0.89 4.27	62.30 -1.11 6.43	54.61 -1.11 0.00
SITHE_IND_GS2 24170	41.49 -1.25 0.00	36.51 -1.06 0.00	35.69 -0.90 0.00	36.25 -0.89 0.00	33.17 -0.78 0.00	27.04 -0.61 0.00	25.42 -0.55 0.00	23.11 -0.50 0.00	23.86 -0.54 0.00	26.94 -0.67 0.00	24.96 -0.60 0.00	25.46 -0.57 0.00	28.52 -0.60 0.00	43.89 -0.84 0.00	52.05 -1.03 0.00	50.26 -0.95 0.00	47.87 -0.65 0.00	48.74 -0.63 0.00	55.05 -0.59 0.00	79.96 -0.74 0.09	71.08 -0.66 1.92	68.79 -0.89 4.27	62.30 -1.11 6.43	54.61 -1.11 0.00
SITHE_IND_GS3 24171	41.49 -1.25 0.00	36.51 -1.06 0.00	35.69 -0.90 0.00	36.25 -0.89 0.00	33.17 -0.78 0.00	27.04 -0.61 0.00	25.42 -0.55 0.00	23.11 -0.50 0.00	23.86 -0.54 0.00	26.94 -0.67 0.00	24.96 -0.60 0.00	25.46 -0.57 0.00	28.52 -0.60 0.00	43.89 -0.84 0.00	52.05 -1.03 0.00	50.26 -0.95 0.00	47.87 -0.65 0.00	48.74 -0.63 0.00	55.05 -0.59 0.00	79.96 -0.74 0.09	71.08 -0.66 1.92	68.79 -0.89 4.27	62.30 -1.11 6.43	54.61 -1.11 0.00
SITHE_IND_GS4 24172	41.49 -1.25 0.00	36.51 -1.06 0.00	35.69 -0.90 0.00	36.25 -0.89 0.00	33.17 -0.78 0.00	27.04 -0.61 0.00	25.42 -0.55 0.00	23.11 -0.50 0.00	23.86 -0.54 0.00	26.94 -0.67 0.00	24.96 -0.60 0.00	25.46 -0.57 0.00	28.52 -0.60 0.00	43.89 -0.84 0.00	52.05 -1.03 0.00	50.26 -0.95 0.00	47.87 -0.65 0.00	48.74 -0.63 0.00	55.05 -0.59 0.00	79.96 -0.74 0.09	71.08 -0.66 1.92	68.79 -0.89 4.27	62.30 -1.11 6.43	54.61 -1.11 0.00

SITHE___BATAVIA 24024	43.16 0.48 0.06	37.90 0.33 0.00	36.76 0.18 0.02	37.10 0.06 0.10	31.90 0.31 2.36	22.25 0.28 5.68	20.60 0.37 5.74	19.02 0.47 5.06	19.99 0.59 5.00	23.65 0.79 4.75	24.34 0.75 1.97	29.35 1.08 -2.24	30.72 1.39 -0.22	47.26 2.54 0.00	56.66 3.57 0.00	54.20 2.99 0.00	51.76 3.24 0.00	52.26 3.14 0.25	59.66 4.01 0.00	87.85 7.06 0.00	80.84 7.17 0.00	112.23 6.52 -31.76	75.90 6.05 0.00	59.56 3.84 0.00
SITHE___INDEPEND 23800	41.49 -1.25 0.00	36.51 -1.06 0.00	35.69 -0.90 0.00	36.25 -0.89 0.00	33.17 -0.78 0.00	27.04 -0.61 0.00	25.42 -0.55 0.00	23.11 -0.50 0.00	23.86 -0.54 0.00	26.94 -0.67 0.00	24.96 -0.60 0.00	25.47 -0.57 0.00	28.52 -0.60 0.00	43.89 -0.84 0.00	52.05 -1.04 0.00	50.26 -0.95 0.00	47.87 -0.65 0.00	48.74 -0.62 0.00	55.05 -0.58 0.00	79.96 -0.73 0.09	71.08 -0.66 1.92	68.78 -0.89 4.27	62.30 -1.11 6.43	54.62 -1.11 0.00
SITHE___MASSENA 23902	42.69 -0.05 0.00	37.47 -0.11 0.00	36.42 -0.17 0.00	36.86 -0.27 0.00	33.51 -0.44 0.00	27.18 -0.47 0.00	25.54 -0.43 0.00	23.18 -0.43 0.00	23.97 -0.43 0.00	27.31 -0.30 0.00	25.38 -0.18 0.00	26.04 0.00 0.00	28.94 -0.18 0.00	44.41 -0.31 0.00	53.13 0.04 0.00	50.91 -0.30 0.00	-312.80 -1.65 359.68	47.38 -1.99 0.00	53.54 -2.10 0.00	78.33 -2.46 0.00	71.88 -1.78 0.00	73.42 -0.53 0.00	69.88 0.04 0.00	56.14 0.42 0.00
SITHE___OGDNSBRG 24021	43.48 0.74 0.00	38.13 0.55 0.00	37.06 0.47 0.00	37.53 0.39 0.00	34.04 0.08 0.00	27.53 -0.12 0.00	25.86 -0.11 0.00	23.45 -0.16 0.00	24.26 -0.14 0.00	27.51 -0.10 0.00	25.46 -0.10 0.00	26.00 -0.04 0.00	28.88 -0.24 0.00	44.30 -0.43 0.00	53.01 -0.07 0.00	50.82 -0.39 0.00	-243.36 -1.82 290.07	47.01 -2.36 0.00	53.47 -2.17 0.00	79.06 -1.73 0.00	73.32 -0.35 0.00	75.24 1.29 0.00	71.56 1.72 0.00	57.35 1.63 0.00
SITHE___STERLING 23777	43.84 1.10 0.00	38.55 0.97 0.00	37.54 0.95 0.00	38.29 1.15 0.00	34.97 1.02 0.00	28.20 0.55 0.00	26.41 0.44 0.00	24.08 0.47 0.00	24.91 0.51 0.00	28.19 0.58 0.00	26.13 0.57 0.00	26.65 0.61 0.00	29.95 0.84 0.00	46.21 1.48 0.00	54.82 1.73 0.00	53.07 1.86 0.00	32.00 2.21 18.74	51.61 2.24 0.00	58.79 3.15 0.00	86.11 5.31 -0.01	78.26 4.46 -0.13	77.98 3.76 -0.28	73.05 2.84 -0.36	57.55 1.83 0.00
SLEIGHT__34_KV_TB1 80719	42.70 -0.04 0.00	37.46 -0.12 0.00	36.44 -0.15 0.00	36.97 -0.17 0.00	33.87 -0.08 0.00	27.58 -0.07 0.00	26.00 0.03 0.00	23.72 0.12 0.00	24.58 0.18 0.00	27.91 0.30 0.00	26.43 0.35 -0.53	28.66 0.61 -2.01	30.18 0.86 -0.20	46.29 1.56 0.00	54.98 1.89 0.00	53.09 1.88 0.00	46.24 2.17 4.45	51.53 2.03 -0.14	58.42 2.78 0.00	85.43 4.63 0.00	78.19 4.45 -0.08	78.07 3.94 -0.18	73.37 3.26 -0.27	57.66 1.93 0.00
SMITHTWN_69_KV_BK 1 55830	46.56 3.82 0.00	40.85 3.28 0.00	39.38 2.79 0.00	39.55 2.41 0.00	36.41 2.46 0.00	29.76 2.11 0.00	28.10 2.13 0.00	25.77 2.16 0.00	26.72 2.32 0.00	30.21 2.28 -0.32	44.37 2.22 -16.59	27.86 1.82 0.00	31.10 1.98 0.00	48.06 3.33 0.00	56.20 3.11 0.00	54.98 3.77 0.00	52.69 4.17 0.00	54.84 5.47 0.00	61.27 5.63 0.00	87.12 6.54 0.22	77.24 4.67 1.10	76.95 3.92 0.92	69.62 3.18 3.40	53.26 2.52 4.98
SOUTH CAIRO___GT 23612	45.76 3.02 0.00	40.17 2.59 0.00	39.08 2.48 0.00	39.61 2.47 0.00	36.30 2.35 0.00	29.63 1.98 0.00	27.71 1.75 0.00	25.24 1.63 0.00	26.14 1.73 0.00	29.35 1.74 0.00	27.09 1.53 0.00	27.26 1.22 0.00	30.17 1.05 0.00	46.24 1.51 0.00	54.71 1.63 0.00	53.63 2.42 0.00	51.42 2.89 0.00	53.18 3.81 0.00	60.14 4.50 0.00	87.11 6.31 0.00	79.14 5.47 0.00	79.20 5.25 0.00	73.89 4.04 0.00	58.57 2.84 0.00
SOUTH HAMPTN___IC 23720	46.24 3.50 0.00	40.48 2.90 0.00	38.99 2.40 0.00	39.13 1.99 0.00	36.03 2.08 0.00	29.45 1.80 0.00	27.83 1.86 0.00	25.54 1.94 0.00	26.54 2.14 0.00	30.00 2.07 -0.32	44.16 2.01 -16.59	27.62 1.58 0.00	30.86 1.74 0.00	47.70 2.97 0.00	55.88 2.80 0.00	54.78 3.57 0.00	52.74 4.22 0.00	55.09 5.72 0.00	61.59 5.95 0.00	87.45 6.87 0.22	77.22 4.66 1.10	77.20 4.21 0.96	69.86 3.57 3.55	53.30 2.79 5.21
SOUTHDOW_115KV_TB1 355954	41.91 -0.77 0.05	36.85 -0.73 0.00	35.93 -0.65 0.02	36.49 -0.57 0.09	31.45 -0.47 2.03	22.46 -0.30 4.89	20.87 -0.16 4.94	19.25 -0.01 4.35	20.11 0.01 4.31	23.74 0.23 4.09	24.45 0.33 1.43	29.63 0.71 -2.88	30.76 1.36 -0.28	47.76 3.03 0.00	57.12 4.03 0.00	55.11 3.90 0.00	52.63 4.10 0.00	52.58 3.36 0.15	60.06 4.42 0.00	87.36 6.57 0.00	80.61 6.95 0.00	80.43 6.48 0.00	76.19 6.35 0.00	59.35 3.63 0.00
SOUTHOLD_69_KV_BK 2 55809	46.28 3.54 0.00	40.44 2.86 0.00	38.92 2.32 0.00	39.05 1.91 0.00	35.94 1.98 0.00	29.37 1.72 0.00	27.77 1.80 0.00	25.52 1.91 0.00	26.53 2.13 0.00	30.05 2.13 -0.32	44.23 2.08 -16.59	27.67 1.63 0.00	30.96 1.84 0.00	47.96 3.24 0.00	56.25 3.16 0.00	55.08 3.87 0.00	53.10 4.57 0.00	55.55 6.18 0.00	62.14 6.49 0.00	88.11 7.53 0.22	77.68 5.12 1.10	78.16 5.17 0.96	71.23 4.93 3.54	54.37 3.86 5.21
SOUTHOLD___IC 23719	46.28 3.54 0.00	40.44 2.86 0.00	38.92 2.33 0.00	39.05 1.91 0.00	35.94 1.99 0.00	29.37 1.72 0.00	27.77 1.80 0.00	25.52 1.91 0.00	26.53 2.13 0.00	30.05 2.13 -0.32	44.23 2.08 -16.59	27.67 1.63 0.00	30.96 1.84 0.00	47.96 3.24 0.00	56.25 3.16 0.00	55.08 3.87 0.00	53.10 4.57 0.00	55.55 6.18 0.00	62.14 6.50 0.00	88.07 7.50 0.22	77.62 5.06 1.10	78.15 5.16 0.96	71.23 4.93 3.54	54.38 3.87 5.21
SOUTH_FORK_WT_PWR 323839	45.71 2.97 0.00	39.91 2.34 0.00	38.40 1.81 0.00	38.51 1.38 0.00	35.45 1.50 0.00	28.97 1.32 0.00	27.40 1.43 0.00	25.17 1.57 0.00	26.17 1.77 0.00	29.65 1.72 -0.32	43.86 1.71 -16.59	27.29 1.25 0.00	30.54 1.42 0.00	47.29 2.56 0.00	55.43 2.34 0.00	54.19 2.98 0.00	52.24 3.71 0.00	54.71 5.34 0.00	61.15 5.51 0.00	86.61 6.03 0.22	76.21 3.65 1.10	77.20 4.21 0.96	70.84 4.54 3.55	54.21 3.70 5.21
SPIERFLS_115KV_TB 1 80737	45.37 2.63 0.00	39.78 2.21 0.00	38.74 2.15 0.00	39.28 2.14 0.00	35.98 2.03 0.00	29.39 1.75 0.00	27.54 1.57 0.00	25.12 1.51 0.00	26.08 1.68 0.00	29.36 1.71 -0.04	29.02 1.23 -2.23	26.90 0.86 0.00	30.02 0.91 0.00	46.24 1.52 0.00	54.80 1.71 0.00	53.27 2.06 0.00	51.73 3.20 0.00	53.02 3.65 0.00	59.71 4.07 0.00	86.26 5.47 0.00	78.45 4.78 0.00	78.96 5.01 0.00	73.39 3.54 0.00	58.44 2.72 0.00
ST LAWRENCE____ 23600	42.25 -0.49 0.00	37.07 -0.50 0.00	36.03 -0.57 0.00	36.45 -0.69 0.00	33.19 -0.76 0.00	26.96 -0.69 0.00	25.34 -0.63 0.00	23.01 -0.60 0.00	23.77 -0.63 0.00	27.09 -0.52 0.00	25.20 -0.36 0.00	25.85 -0.19 0.00	28.75 -0.36 0.00	44.11 -0.61 0.00	52.73 -0.36 0.00	50.56 -0.65 0.00	74.87 -1.40 -27.73	47.59 -1.78 0.00	53.70 -1.94 0.00	78.40 -2.39 0.00	71.80 -1.86 0.00	72.60 -1.35 0.00	69.14 -0.70 0.00	55.47 -0.25 0.00

STATE_CA_115KV_115_LB 55624	44.36 1.62 0.00	39.03 1.45 0.00	37.98 1.39 0.00	38.52 1.38 0.00	35.31 1.36 0.00	28.83 1.18 0.00	26.94 0.97 0.00	24.51 0.90 0.00	25.37 0.97 0.00	28.56 0.91 -0.05	28.65 0.71 -2.38	26.53 0.49 0.00	29.62 0.50 0.00	45.37 0.64 0.00	53.58 0.50 0.00	52.14 0.92 0.00	50.03 1.51 0.00	51.27 1.90 0.00	57.46 1.82 0.00	82.87 2.08 0.00	75.26 1.60 0.00	75.49 1.55 0.00	70.59 0.75 0.00	56.26 0.53 0.00
STATE_ST_34_KV_LOAD 55959	43.21 0.47 0.00	37.84 0.27 0.00	36.99 0.39 0.00	37.48 0.34 0.00	34.42 0.47 0.00	27.95 0.30 0.00	26.38 0.41 0.00	24.02 0.41 0.00	24.84 0.44 0.00	28.11 0.51 0.00	26.28 0.40 -0.32	27.73 0.47 -1.23	29.99 0.75 -0.12	46.01 1.28 0.00	54.33 1.24 0.00	52.62 1.41 0.00	44.89 1.83 5.46	51.15 1.70 -0.08	58.07 2.43 0.00	84.87 4.06 -0.02	77.82 3.85 -0.31	78.15 3.52 -0.68	73.42 2.55 -1.02	57.38 1.65 0.00
STATION_5_MISC_HYD 23604	42.88 0.14 0.00	37.64 0.07 0.00	36.59 -0.01 0.00	37.07 -0.07 0.00	33.98 0.03 0.00	27.69 0.04 0.00	26.09 0.12 0.00	23.83 0.22 0.00	24.72 0.32 0.00	28.10 0.49 0.00	26.90 0.61 -0.72	29.74 0.96 -2.74	30.64 1.26 -0.27	46.93 2.20 0.00	56.02 2.93 0.00	53.88 2.66 0.00	51.47 2.94 0.00	52.31 2.76 -0.19	59.11 3.47 0.00	86.42 5.63 0.00	79.07 5.40 0.00	78.76 4.81 0.00	74.11 4.26 0.00	58.37 2.65 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.77 0.03 0.00	37.55 -0.02 0.00	36.53 -0.07 0.00	37.04 -0.10 0.00	33.94 -0.02 0.00	27.66 0.01 0.00	26.05 0.08 0.00	23.77 0.16 0.00	24.64 0.24 0.00	27.98 0.37 0.00	26.71 0.45 -0.70	29.40 0.72 -2.64	30.40 1.02 -0.26	46.52 1.79 0.00	55.27 2.19 0.00	53.29 2.08 0.00	46.54 2.40 4.38	51.86 2.31 -0.18	58.70 3.06 0.00	85.74 4.95 0.00	78.47 4.73 -0.08	78.26 4.14 -0.17	73.58 3.48 -0.25	57.79 2.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.64 -0.10 0.00	37.45 -0.13 0.00	36.38 -0.21 0.00	36.86 -0.28 0.00	33.79 -0.15 0.00	27.53 -0.13 0.00	25.94 -0.03 0.00	23.69 0.09 0.00	24.56 0.16 0.00	27.94 0.33 0.00	26.71 0.45 -0.70	29.49 0.80 -2.66	30.45 1.07 -0.26	46.64 1.91 0.00	55.65 2.56 0.00	53.55 2.34 0.00	51.16 2.64 0.00	52.02 2.47 -0.18	58.76 3.13 0.00	85.86 5.07 0.00	78.55 4.88 0.00	78.24 4.29 0.00	73.59 3.74 0.00	57.99 2.27 0.00
STA_56___34_KV_BUS2 355983	42.64 -0.10 0.00	37.45 -0.13 0.00	36.38 -0.21 0.00	36.86 -0.28 0.00	33.79 -0.15 0.00	27.53 -0.13 0.00	25.94 -0.03 0.00	23.69 0.09 0.00	24.56 0.16 0.00	27.94 0.33 0.00	26.71 0.45 -0.70	29.49 0.80 -2.66	30.45 1.07 -0.26	46.64 1.91 0.00	55.65 2.56 0.00	53.55 2.34 0.00	51.16 2.64 0.00	52.02 2.47 -0.18	58.76 3.13 0.00	85.86 5.07 0.00	78.55 4.88 0.00	78.24 4.29 0.00	73.59 3.74 0.00	57.99 2.27 0.00
STA_67___115KV_BK2 355882	42.75 0.02 0.00	37.54 -0.04 0.00	36.48 -0.12 0.00	36.97 -0.17 0.00	33.88 -0.07 0.00	27.60 -0.05 0.00	26.00 0.04 0.00	23.75 0.14 0.00	24.62 0.22 0.00	28.00 0.39 0.00	26.78 0.51 -0.72	29.61 0.85 -2.72	30.52 1.13 -0.27	46.75 2.02 0.00	55.78 2.69 0.00	53.65 2.44 0.00	51.23 2.71 0.00	52.06 2.50 -0.19	58.80 3.17 0.00	85.98 5.19 0.00	78.69 5.02 0.00	78.39 4.44 0.00	73.79 3.95 0.00	58.15 2.43 0.00
STA_7___115KV_9TRANS 80674	43.18 0.44 0.00	37.90 0.33 0.00	36.82 0.22 0.00	37.30 0.16 0.00	34.20 0.25 0.00	27.86 0.21 0.00	26.26 0.29 0.00	24.00 0.39 0.00	24.89 0.49 0.00	28.32 0.71 0.00	27.10 0.82 -0.72	29.99 1.21 -2.74	30.94 1.55 -0.27	47.39 2.66 0.00	56.57 3.49 0.00	54.45 3.24 0.00	52.04 3.52 0.00	52.91 3.35 -0.19	59.81 4.17 0.00	87.45 6.66 0.00	79.97 6.31 0.00	79.59 5.64 0.00	74.86 5.01 0.00	58.91 3.19 0.00
STA_82___115KV_TB1 80780	42.76 0.02 0.00	37.55 -0.03 0.00	36.49 -0.10 0.00	36.97 -0.17 0.00	33.90 -0.05 0.00	27.60 -0.05 0.00	26.01 0.04 0.00	23.76 0.15 0.00	24.63 0.22 0.00	28.01 0.40 0.00	26.82 0.51 -0.75	29.75 0.85 -2.86	30.53 1.13 -0.28	46.75 2.02 0.00	55.78 2.69 0.00	53.65 2.44 0.00	51.23 2.71 0.00	52.07 2.50 -0.20	58.81 3.17 0.00	86.00 5.21 0.00	78.71 5.05 0.00	78.41 4.46 0.00	73.83 3.98 0.00	58.16 2.44 0.00
STEEL___WIND 323596	41.59 -1.04 0.11	36.66 -0.92 0.00	35.54 -1.02 0.03	35.79 -1.17 0.18	28.74 -0.90 4.30	16.57 -0.73 10.35	14.92 -0.60 10.45	13.98 -0.41 9.22	14.94 -0.33 9.12	18.75 -0.18 8.67	21.36 0.05 4.25	28.20 0.42 -1.75	30.06 0.77 -0.17	46.44 1.72 0.00	55.61 2.52 0.00	53.28 2.07 0.00	50.81 2.28 0.00	50.43 1.68 0.62	58.01 2.37 0.00	85.02 4.23 0.00	78.11 4.45 0.00	77.72 3.77 0.00	73.63 3.78 0.00	57.79 2.07 0.00
STEPHTWN_115KV_BK_2 55603	44.62 1.89 0.00	39.15 1.58 0.00	38.20 1.60 0.00	38.69 1.55 0.00	35.40 1.45 0.00	28.90 1.25 0.00	27.05 1.08 0.00	24.61 1.00 0.00	25.56 1.16 0.00	28.77 1.12 -0.05	28.82 0.88 -2.39	26.62 0.58 0.00	29.77 0.65 0.00	45.55 0.83 0.00	53.82 0.74 0.00	52.44 1.23 0.00	50.31 1.79 0.00	51.59 2.22 0.00	58.05 2.41 0.00	83.59 2.80 0.00	75.72 2.06 0.00	75.97 2.02 0.00	70.80 0.96 0.00	56.52 0.79 0.00
STEBEN_REC_LFGE 323667	41.16 -1.83 -0.25	35.87 -1.70 0.00	35.16 -1.51 -0.08	35.84 -1.71 -0.41	42.16 -1.60 -9.81	50.00 -1.25 -23.60	48.79 -1.01 -23.84	43.68 -0.94 -21.02	44.21 -0.98 -20.79	46.70 -0.82 -19.91	39.60 -0.31 -14.36	40.07 0.01 -14.03	31.11 0.62 -1.37	46.20 1.48 0.00	54.62 1.54 0.00	52.29 1.08 0.00	49.37 0.85 0.00	52.50 0.48 -2.65	57.62 1.99 0.00	85.78 4.98 -0.01	79.86 6.08 -0.11	79.57 5.38 -0.24	74.88 4.68 -0.36	57.79 2.07 0.00
STILLWATER___SOLAR 323814	45.17 2.43 0.00	39.64 2.07 0.00	38.62 2.03 0.00	39.15 2.01 0.00	35.86 1.91 0.00	29.30 1.65 0.00	27.47 1.50 0.00	25.05 1.44 0.00	25.95 1.54 0.00	29.22 1.56 -0.04	29.13 1.23 -2.34	26.99 0.95 0.00	30.16 1.04 0.00	46.39 1.67 0.00	54.91 1.82 0.00	53.41 2.20 0.00	51.42 2.90 0.00	52.62 3.25 0.00	59.12 3.48 0.00	85.47 4.68 0.00	77.75 4.09 0.00	78.04 4.09 0.00	72.82 2.98 0.00	58.02 2.30 0.00
STONY___BROOK 24151	46.44 3.70 0.00	40.74 3.16 0.00	39.28 2.69 0.00	39.45 2.31 0.00	36.32 2.37 0.00	29.68 2.03 0.00	28.03 2.06 0.00	25.70 2.09 0.00	26.66 2.26 0.00	30.12 2.19 -0.32	44.29 2.14 -16.59	27.77 1.73 0.00	31.01 1.89 0.00	47.89 3.16 0.00	55.99 2.90 0.00	54.74 3.53 0.00	52.38 3.85 0.00	54.53 5.16 0.00	60.90 5.26 0.00	86.56 5.99 0.22	76.67 4.10 1.10	76.45 3.43 0.93	69.27 2.86 3.43	53.02 2.33 5.04
STURGEON_POOL_HYD 23609	45.54 2.80 0.00	40.03 2.46 0.00	38.86 2.27 0.00	39.30 2.16 0.00	36.08 2.13 0.00	29.51 1.86 0.00	27.75 1.78 0.00	25.36 1.76 0.00	26.26 1.86 0.00	29.33 1.81 0.09	22.23 1.53 4.86	27.33 1.30 0.00	30.66 1.55 0.00	47.24 2.52 0.00	55.47 2.38 0.00	54.04 2.83 0.00	52.16 3.63 0.00	53.63 4.26 0.00	60.16 4.52 0.00	86.42 5.63 0.00	78.14 4.47 0.00	78.00 4.05 0.00	73.03 3.19 0.00	58.07 2.35 0.00

ST_LAW_115_BK7_LBMP 345037	42.24 -0.50 0.00	37.06 -0.51 0.00	36.01 -0.58 0.00	36.43 -0.70 0.00	33.17 -0.78 0.00	26.94 -0.72 0.00	25.31 -0.66 0.00	22.98 -0.62 0.00	23.75 -0.65 0.00	27.06 -0.55 0.00	25.17 -0.39 0.00	25.83 -0.21 0.00	28.72 -0.40 0.00	44.05 -0.67 0.00	52.68 -0.40 0.00	50.49 -0.72 0.00	80.50 -1.56 -33.53	47.40 -1.96 0.00	53.51 -2.14 0.00	78.14 -2.65 0.00	71.59 -2.07 0.00	72.51 -1.44 0.00	69.08 -0.77 0.00	55.45 -0.28 0.00
ST_LAW_115_BK8_LBMP 345038	42.24 -0.50 0.00	37.06 -0.51 0.00	36.01 -0.58 0.00	36.43 -0.70 0.00	33.17 -0.78 0.00	26.94 -0.72 0.00	25.31 -0.66 0.00	22.98 -0.62 0.00	23.75 -0.65 0.00	27.06 -0.55 0.00	25.17 -0.39 0.00	25.83 -0.21 0.00	28.72 -0.40 0.00	44.05 -0.67 0.00	52.68 -0.40 0.00	50.49 -0.72 0.00	80.50 -1.56 -33.53	47.40 -1.96 0.00	53.51 -2.14 0.00	78.14 -2.65 0.00	71.59 -2.07 0.00	72.51 -1.44 0.00	69.08 -0.77 0.00	55.45 -0.28 0.00
ST_LAW_230_BK5_LBMP 345035	42.25 -0.49 0.00	37.07 -0.50 0.00	36.03 -0.57 0.00	36.45 -0.69 0.00	33.19 -0.76 0.00	26.96 -0.69 0.00	25.34 -0.63 0.00	23.01 -0.60 0.00	23.77 -0.63 0.00	27.09 -0.52 0.00	25.20 -0.36 0.00	25.85 -0.19 0.00	28.75 -0.36 0.00	44.11 -0.61 0.00	52.73 -0.36 0.00	50.56 -0.65 0.00	66.54 -1.40 -19.41	47.59 -1.78 0.00	53.70 -1.94 0.00	78.40 -2.39 0.00	71.80 -1.86 0.00	72.60 -1.35 0.00	69.14 -0.70 0.00	55.47 -0.25 0.00
ST_LAW_230_BK6_LBMP 345036	42.25 -0.49 0.00	37.07 -0.50 0.00	36.03 -0.57 0.00	36.45 -0.69 0.00	33.19 -0.76 0.00	26.96 -0.69 0.00	25.34 -0.63 0.00	23.01 -0.60 0.00	23.77 -0.63 0.00	27.09 -0.52 0.00	25.20 -0.36 0.00	25.85 -0.19 0.00	28.75 -0.36 0.00	44.11 -0.61 0.00	52.73 -0.36 0.00	50.56 -0.65 0.00	66.54 -1.40 -19.41	47.59 -1.78 0.00	53.70 -1.94 0.00	78.40 -2.39 0.00	71.80 -1.86 0.00	72.60 -1.35 0.00	69.14 -0.70 0.00	55.47 -0.25 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.41 2.67 0.00	39.96 2.38 0.00	38.78 2.18 0.00	39.20 2.06 0.00	35.98 2.03 0.00	29.43 1.78 0.00	27.65 1.68 0.00	25.27 1.67 0.00	26.15 1.75 0.00	28.83 1.69 0.46	2.52 1.39 24.43	27.22 1.18 0.00	30.51 1.39 0.00	47.10 2.37 0.00	55.24 2.15 0.00	53.91 2.69 0.00	51.96 3.43 0.00	53.32 3.96 0.00	59.81 4.17 0.00	85.89 5.10 0.00	77.69 4.02 0.00	77.55 3.61 0.00	72.65 2.80 0.00	57.80 2.08 0.00
SWANROAD_115KV_TB1 355699	41.03 -1.63 0.08	36.09 -1.49 0.00	34.99 -1.58 0.03	35.24 -1.76 0.14	29.32 -1.19 3.44	18.39 -0.99 8.27	16.80 -0.82 8.35	15.65 -0.60 7.36	16.57 -0.54 7.29	20.30 -0.39 6.92	21.98 -0.34 3.24	27.70 -0.16 -1.83	29.39 0.10 -0.18	45.37 0.64 0.00	54.48 1.40 0.00	51.95 0.74 0.00	49.54 1.01 0.00	49.45 0.55 0.46	56.38 0.74 0.00	82.61 1.82 0.00	76.01 2.35 0.00	75.68 1.73 0.00	71.84 1.99 0.00	56.63 0.91 0.00
SYNERGY___BIOGAS 323694	43.18 0.50 0.06	37.90 0.33 0.00	36.77 0.20 0.02	37.10 0.06 0.10	31.90 0.32 2.36	22.23 0.26 5.68	20.59 0.36 5.74	19.02 0.47 5.06	19.96 0.57 5.00	23.64 0.79 4.75	24.29 0.70 1.97	29.35 1.07 -2.24	30.72 1.38 -0.22	47.27 2.54 0.00	56.65 3.57 0.00	54.20 2.99 0.00	51.77 3.24 0.00	52.24 3.13 0.25	59.64 4.01 0.00	87.83 7.04 0.00	80.83 7.17 0.00	112.22 6.51 -31.76	75.90 6.05 0.00	59.56 3.84 0.00
SYRACUSE___ENERGY_ST1 323597	42.74 0.00 0.00	37.57 0.00 0.00	36.66 0.07 0.00	37.22 0.08 0.00	34.09 0.14 0.00	27.76 0.11 0.00	26.10 0.13 0.00	23.74 0.14 0.00	24.54 0.14 0.00	27.73 0.12 0.00	25.68 0.12 0.00	26.21 0.17 0.00	29.42 0.30 0.00	45.33 0.60 0.00	53.72 0.64 0.00	51.94 0.73 0.00	43.03 1.09 6.58	50.54 1.17 0.00	57.17 1.53 0.00	83.20 2.39 -0.02	76.20 2.17 -0.37	76.58 1.82 -0.81	72.34 1.28 -1.21	56.38 0.66 0.00
SYRACUSE___ENERGY_ST2 323598	42.74 0.00 0.00	37.57 0.00 0.00	36.66 0.07 0.00	37.22 0.08 0.00	34.09 0.14 0.00	27.76 0.11 0.00	26.10 0.13 0.00	23.74 0.14 0.00	24.54 0.14 0.00	27.73 0.12 0.00	25.68 0.12 0.00	26.21 0.17 0.00	29.42 0.30 0.00	45.33 0.60 0.00	53.72 0.64 0.00	51.94 0.73 0.00	43.03 1.09 6.58	50.54 1.17 0.00	57.17 1.53 0.00	83.20 2.39 -0.02	76.20 2.17 -0.37	76.58 1.82 -0.81	72.34 1.28 -1.21	56.38 0.66 0.00
SYRACUSE___POWER 24017	42.77 0.03 0.00	37.61 0.03 0.00	36.68 0.09 0.00	37.26 0.12 0.00	34.12 0.17 0.00	27.78 0.13 0.00	26.11 0.14 0.00	23.75 0.14 0.00	24.54 0.14 0.00	27.75 0.15 0.00	25.71 0.15 0.00	26.23 0.19 0.00	29.44 0.32 0.00	45.37 0.65 0.00	53.78 0.69 0.00	51.94 0.73 0.00	42.46 1.08 7.14	50.60 1.23 0.00	57.27 1.63 0.00	83.33 2.53 -0.01	76.21 2.30 -0.25	76.44 1.94 -0.54	72.07 1.42 -0.81	56.44 0.72 0.00
TALLMAN__138KV_BK151 55660	45.63 2.89 0.00	40.16 2.58 0.00	38.96 2.36 0.00	39.36 2.22 0.00	36.14 2.18 0.00	29.57 1.92 0.00	27.78 1.81 0.00	25.41 1.80 0.00	26.30 1.90 0.00	28.88 1.81 0.54	-1.52 1.48 28.56	27.31 1.27 0.00	30.65 1.53 0.00	47.38 2.65 0.00	55.53 2.45 0.00	54.21 3.00 0.00	52.26 3.73 0.00	53.60 4.23 0.00	60.09 4.45 0.00	86.21 5.42 0.00	77.94 4.27 0.00	77.76 3.81 0.00	72.82 2.98 0.00	57.95 2.23 0.00
TEALLAVE_115KV_TB7 355573	42.53 -0.21 0.00	37.40 -0.17 0.00	36.49 -0.10 0.00	37.06 -0.08 0.00	33.95 0.00 0.00	27.64 -0.02 0.00	25.97 0.00 0.00	23.62 0.02 0.00	24.41 0.01 0.00	27.60 -0.02 0.00	25.57 0.01 0.00	26.09 0.05 0.00	29.28 0.17 0.00	45.12 0.39 0.00	53.50 0.42 0.00	51.69 0.48 0.00	41.09 0.83 8.26	50.31 0.95 0.00	56.91 1.27 0.00	82.80 2.00 -0.01	75.65 1.78 -0.21	75.83 1.43 -0.45	71.47 0.95 -0.67	56.10 0.38 0.00
TELGRAPH_34_KV_EAST 80808	42.06 -0.61 0.07	36.98 -0.60 0.00	35.85 -0.72 0.02	36.15 -0.87 0.12	30.52 -0.48 2.95	20.16 -0.40 7.09	18.53 -0.27 7.16	17.19 -0.11 6.31	18.12 -0.03 6.25	21.82 0.14 5.93	23.08 0.17 2.65	28.54 0.45 -2.06	30.09 0.77 -0.20	46.42 1.69 0.00	55.62 2.54 0.00	53.10 1.89 0.00	50.65 2.12 0.00	50.74 1.74 0.36	57.90 2.26 0.00	85.00 4.21 0.00	78.20 4.53 0.00	77.85 3.90 0.00	73.66 3.81 0.00	57.93 2.21 0.00
TEMPLE___115KV_TB 2 55572	42.55 -0.19 0.00	37.42 -0.15 0.00	36.51 -0.08 0.00	37.08 -0.07 0.00	33.96 0.01 0.00	27.66 0.01 0.00	25.99 0.02 0.00	23.64 0.03 0.00	24.42 0.02 0.00	27.62 0.01 0.00	25.59 0.03 0.00	26.11 0.07 0.00	29.30 0.18 0.00	45.16 0.44 0.00	53.54 0.46 0.00	51.71 0.50 0.00	41.36 0.87 8.04	50.35 0.99 0.00	56.96 1.32 0.00	82.83 2.03 -0.01	75.71 1.84 -0.21	75.86 1.46 -0.45	71.53 1.01 -0.67	56.14 0.41 0.00
TIANA____69_KV_BK 1 55817	46.27 3.53 0.00	40.52 2.94 0.00	39.03 2.43 0.00	39.18 2.04 0.00	36.06 2.11 0.00	29.49 1.84 0.00	27.87 1.90 0.00	25.57 1.96 0.00	26.55 2.15 0.00	30.02 2.09 -0.32	44.18 2.03 -16.59	27.65 1.61 0.00	30.84 1.72 0.00	47.69 2.96 0.00	55.88 2.79 0.00	54.77 3.56 0.00	52.73 4.21 0.00	55.06 5.69 0.00	61.58 5.94 0.00	87.47 6.89 0.22	77.34 4.77 1.10	77.13 4.14 0.96	69.67 3.37 3.55	53.13 2.62 5.21

TILDEN___115KV_TB1 80814	42.77 0.03 0.00	37.61 0.03 0.00	36.68 0.09 0.00	37.26 0.12 0.00	34.12 0.17 0.00	27.78 0.13 0.00	26.11 0.14 0.00	23.75 0.14 0.00	24.54 0.14 0.00	27.75 0.15 0.00	25.71 0.15 0.00	26.23 0.19 0.00	29.44 0.32 0.00	45.37 0.65 0.00	53.78 0.69 0.00	51.94 0.73 0.00	42.46 1.08 7.14	50.60 1.23 0.00	57.27 1.63 0.00	83.33 2.53 -0.01	76.21 2.30 -0.25	76.44 1.94 -0.54	72.07 1.42 -0.81	56.44 0.72 0.00
TRIGEN___CC 323695	46.19 3.45 0.00	40.58 3.00 0.00	39.22 2.62 0.00	39.52 2.39 0.00	36.35 2.40 0.00	29.72 2.07 0.00	27.99 2.02 0.00	25.63 2.02 0.00	26.55 2.15 0.00	30.02 2.09 -0.32	44.06 1.91 -16.59	27.63 1.59 0.00	30.91 1.79 0.00	47.64 2.91 0.00	55.68 2.59 0.00	54.37 3.16 0.00	52.36 3.84 0.00	54.10 4.73 0.00	60.48 4.84 0.00	86.51 5.72 0.00	78.02 4.35 0.00	82.04 3.91 -4.19	88.36 3.11 -15.41	80.88 2.48 -22.68
TRINITY___115KV___4 BK 55933	44.13 1.39 0.00	38.83 1.25 0.00	37.80 1.21 0.00	38.33 1.19 0.00	35.15 1.20 0.00	28.71 1.06 0.00	26.82 0.85 0.00	24.41 0.80 0.00	25.26 0.86 0.00	28.42 0.76 -0.05	28.54 0.57 -2.41	26.37 0.33 0.00	29.42 0.30 0.00	45.04 0.32 0.00	53.17 0.08 0.00	51.74 0.52 0.00	49.63 1.11 0.00	50.87 1.50 0.00	56.97 1.33 0.00	82.17 1.37 0.00	74.62 0.95 0.00	74.88 0.93 0.00	70.02 0.17 0.00	55.86 0.14 0.00
UNION___PROCESSING_DRP 323587	42.77 0.03 0.00	37.56 -0.01 0.00	36.50 -0.09 0.00	36.98 -0.16 0.00	33.90 -0.05 0.00	27.61 -0.04 0.00	26.02 0.05 0.00	23.77 0.16 0.00	24.63 0.23 0.00	28.02 0.41 0.00	26.81 0.51 -0.74	29.72 0.86 -2.82	30.54 1.14 -0.28	46.75 2.02 0.00	55.80 2.72 0.00	53.66 2.45 0.00	51.26 2.73 0.00	52.10 2.53 -0.19	58.84 3.20 0.00	86.04 5.25 0.00	78.75 5.08 0.00	78.46 4.51 0.00	73.85 4.01 0.00	58.20 2.48 0.00
UPPER HUDSON___HYD 24058	45.37 2.63 0.00	39.78 2.21 0.00	38.74 2.15 0.00	39.28 2.14 0.00	35.98 2.03 0.00	29.39 1.74 0.00	27.53 1.57 0.00	25.12 1.51 0.00	26.08 1.68 0.00	29.36 1.71 -0.04	29.02 1.23 -2.23	26.90 0.86 0.00	30.02 0.91 0.00	46.24 1.51 0.00	54.80 1.71 0.00	53.27 2.06 0.00	51.73 3.20 0.00	53.02 3.65 0.00	59.71 4.07 0.00	86.26 5.47 0.00	78.45 4.78 0.00	78.95 5.01 0.00	73.39 3.54 0.00	58.44 2.72 0.00
UPPER RAQUET___HYD 24056	42.69 -0.05 0.00	37.43 -0.15 0.00	36.40 -0.19 0.00	37.01 -0.13 0.00	33.48 -0.47 0.00	27.00 -0.65 0.00	25.35 -0.62 0.00	22.95 -0.66 0.00	23.78 -0.62 0.00	27.03 -0.58 0.00	25.10 -0.46 0.00	25.68 -0.36 0.00	28.57 -0.55 0.00	43.88 -0.85 0.00	52.55 -0.54 0.00	50.37 -0.84 0.00	-199.55 -2.21 245.86	46.72 -2.65 0.00	53.09 -2.55 0.00	78.06 -2.73 0.00	72.03 -1.70 -0.06	73.82 -0.26 -0.13	70.26 0.23 -0.19	56.16 0.44 0.00
VALLEY44_115KV_TB2 355964	42.10 -0.60 0.04	37.14 -0.44 0.00	36.09 -0.49 0.01	36.49 -0.58 0.07	31.87 -0.42 1.66	23.32 -0.34 4.00	21.69 -0.24 4.04	19.93 -0.12 3.56	20.83 -0.05 3.52	24.39 0.13 3.35	24.62 0.15 1.09	29.22 0.39 -2.79	30.26 0.87 -0.27	46.46 1.74 0.00	54.88 1.80 0.00	52.78 1.57 0.00	50.46 1.93 0.00	50.67 1.39 0.09	57.65 2.01 0.00	84.12 3.33 0.00	77.15 3.49 0.00	76.85 2.90 0.00	72.85 3.00 0.00	57.03 1.31 0.00
VALLEY___115KV_TB 1-4 80826	43.65 0.91 0.00	38.46 0.88 0.00	37.38 0.79 0.00	37.97 0.83 0.00	34.78 0.82 0.00	28.43 0.78 0.00	26.70 0.73 0.00	24.25 0.64 0.00	25.13 0.73 0.00	28.22 0.61 0.00	25.88 0.32 0.00	26.04 0.00 0.00	29.09 -0.02 0.00	44.85 0.12 0.00	52.99 -0.10 0.00	51.62 0.41 0.00	45.32 1.05 4.26	50.85 1.48 0.00	57.48 1.85 0.00	83.18 2.39 0.00	75.78 2.12 0.00	75.91 1.96 0.00	70.90 1.05 0.00	56.17 0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.83 2.09 0.00	39.38 1.81 0.00	38.28 1.69 0.00	38.89 1.75 0.00	35.62 1.67 0.00	29.06 1.41 0.00	27.39 1.43 0.00	24.92 1.31 0.00	25.77 1.37 0.00	29.03 1.49 0.06	23.24 1.32 3.65	26.20 1.30 1.14	30.54 1.53 0.11	47.17 2.44 0.00	55.69 2.61 0.00	54.02 2.81 0.00	51.60 3.07 0.00	52.70 3.41 0.08	59.55 3.91 0.00	86.25 5.45 0.00	78.42 4.69 -0.07	78.41 4.30 -0.16	73.73 3.65 -0.24	58.28 2.55 0.00
VISCHER___FERRY HYD 24020	44.54 1.80 0.00	39.14 1.57 0.00	38.15 1.55 0.00	38.66 1.52 0.00	35.42 1.47 0.00	28.96 1.31 0.00	27.15 1.18 0.00	24.73 1.13 0.00	25.61 1.21 0.00	28.80 1.14 -0.05	29.06 0.88 -2.62	26.64 0.60 0.00	29.74 0.62 0.00	45.63 0.91 0.00	53.94 0.86 0.00	52.47 1.25 0.00	50.41 1.89 0.00	51.66 2.29 0.00	57.87 2.23 0.00	83.46 2.67 0.00	75.88 2.22 0.00	76.26 2.31 0.00	71.18 1.34 0.00	56.81 1.09 0.00
V_A_10_SYNC_DSASP 323832	41.83 -0.85 0.06	36.82 -0.75 0.00	35.73 -0.84 0.02	36.11 -0.94 0.09	31.02 -0.73 2.20	21.75 -0.61 5.29	20.14 -0.49 5.34	18.58 -0.31 4.71	19.49 -0.25 4.66	23.10 -0.09 4.43	23.70 0.05 1.91	28.17 0.40 -1.74	29.97 0.68 -0.17	46.13 1.40 0.00	55.13 2.05 0.00	52.81 1.59 0.00	50.39 1.86 0.00	50.48 1.37 0.26	57.48 1.84 0.00	84.07 3.28 0.00	77.14 3.47 0.00	76.86 2.91 0.00	72.71 2.87 0.00	57.33 1.61 0.00
V_CMM_10_SYNC_DSASP 323787	42.47 -0.27 0.00	37.28 -0.30 0.00	36.23 -0.37 0.00	36.65 -0.49 0.00	33.35 -0.60 0.00	27.08 -0.57 0.00	25.45 -0.52 0.00	23.11 -0.50 0.00	23.88 -0.52 0.00	27.22 -0.39 0.00	25.31 -0.24 0.00	25.99 -0.05 0.00	28.89 -0.23 0.00	44.30 -0.42 0.00	52.99 -0.09 0.00	50.78 -0.43 0.00	80.78 -1.28 -33.53	47.70 -1.67 0.00	53.82 -1.82 0.00	78.61 -2.18 0.00	72.03 -1.63 0.00	72.93 -1.02 0.00	69.46 -0.38 0.00	55.57 -0.15 0.00
V_CMP_10_SYNC_DSASP 323788	42.35 -0.39 0.00	36.71 -0.87 0.00	35.46 -1.13 0.00	35.82 -1.32 0.00	32.67 -1.28 0.00	26.61 -1.04 0.00	25.16 -0.81 0.00	22.71 -0.90 0.00	23.50 -0.90 0.00	26.95 -0.66 0.00	25.20 -0.35 0.00	25.92 -0.12 0.00	28.91 -0.20 0.00	44.30 -0.42 0.00	53.10 0.01 0.00	51.37 0.16 0.00	48.18 -0.35 0.00	48.35 -1.02 0.00	54.56 -1.08 0.00	80.06 -0.73 0.00	73.86 0.20 0.00	74.77 0.82 0.00	70.95 1.11 0.00	57.33 1.61 0.00
V_D_10_SYNC_DSASP 323841	42.69 -0.05 0.00	37.46 -0.11 0.00	36.42 -0.17 0.00	36.86 -0.27 0.00	33.51 -0.44 0.00	27.18 -0.47 0.00	25.54 -0.43 0.00	23.18 -0.43 0.00	23.97 -0.43 0.00	27.31 -0.30 0.00	25.38 -0.18 0.00	26.04 0.00 0.00	28.94 -0.17 0.00	44.42 -0.31 0.00	53.14 0.05 0.00	50.92 -0.30 0.00	102.34 -1.60 -55.41	47.41 -1.96 0.00	53.57 -2.07 0.00	78.38 -2.42 0.00	71.91 -1.76 0.00	73.41 -0.54 0.00	69.87 0.03 0.00	56.14 0.42 0.00
V_E_10_SYNC_DSASP 323830	44.64 1.89 -0.02	39.01 1.44 0.00	37.77 1.17 -0.01	38.24 1.07 -0.03	36.06 1.34 -0.77	30.74 1.23 -1.86	29.47 1.62 -1.88	26.67 1.40 -1.66	27.09 1.05 -1.64	30.57 1.42 -1.53	25.17 1.43 1.83	26.70 1.67 1.01	30.90 1.88 0.10	47.78 3.06 0.00	56.48 3.40 0.00	54.56 3.35 0.00	52.32 3.79 0.00	53.91 4.48 -0.06	61.84 6.20 0.00	91.05 10.25 -0.01	83.64 9.82 -0.15	83.38 9.09 -0.34	78.02 7.67 -0.51	60.87 5.15 0.00



V_F_30_NSYNC___DSASP 323816	45.22 2.48 0.00	39.68 2.11 0.00	38.66 2.06 0.00	39.19 2.05 0.00	35.89 1.94 0.00	29.32 1.67 0.00	27.49 1.53 0.00	25.07 1.46 0.00	25.97 1.57 0.00	29.25 1.60 -0.04	29.12 1.27 -2.29	27.05 1.01 0.00	30.22 1.11 0.00	46.52 1.79 0.00	55.03 1.95 0.00	53.53 2.32 0.00	51.52 3.00 0.00	52.72 3.35 0.00	59.26 3.62 0.00	85.68 4.89 0.00	77.92 4.25 0.00	78.18 4.24 0.00	72.99 3.15 0.00	58.13 2.41 0.00
V_F_30_SYNC_DSASP 323786	44.36 1.62 0.00	39.02 1.45 0.00	37.98 1.39 0.00	38.52 1.38 0.00	35.31 1.35 0.00	28.83 1.18 0.00	26.93 0.97 0.00	24.51 0.90 0.00	25.37 0.97 0.00	28.56 0.90 -0.05	28.65 0.71 -2.38	26.52 0.49 0.00	29.61 0.50 0.00	45.36 0.63 0.00	53.57 0.49 0.00	52.13 0.92 0.00	50.02 1.50 0.00	51.26 1.89 0.00	57.45 1.82 0.00	82.86 2.07 0.00	75.26 1.59 0.00	75.48 1.53 0.00	70.59 0.74 0.00	56.26 0.53 0.00
V_XM_10_SYNC_DSASP 323789	42.35 -0.39 0.00	36.71 -0.87 0.00	35.46 -1.13 0.00	35.82 -1.32 0.00	32.67 -1.28 0.00	26.61 -1.04 0.00	25.16 -0.81 0.00	22.71 -0.90 0.00	23.50 -0.90 0.00	26.95 -0.66 0.00	25.20 -0.35 0.00	25.92 -0.12 0.00	28.91 -0.20 0.00	44.30 -0.42 0.00	53.10 0.01 0.00	51.37 0.16 0.00	48.18 -0.35 0.00	48.35 -1.02 0.00	54.56 -1.08 0.00	80.06 -0.73 0.00	73.86 0.20 0.00	74.77 0.82 0.00	70.95 1.11 0.00	57.33 1.61 0.00
W.BABYLN_69_KV_BK1 56697	46.92 4.18 0.00	41.16 3.58 0.00	39.70 3.10 0.00	39.90 2.76 0.00	36.73 2.78 0.00	30.00 2.35 0.00	28.30 2.33 0.00	25.95 2.34 0.00	26.91 2.51 0.00	30.43 2.50 -0.32	44.51 2.36 -16.59	28.04 2.01 0.00	31.23 2.11 0.00	48.25 3.52 0.00	56.40 3.31 0.00	55.17 3.96 0.00	53.04 4.52 0.00	55.14 5.77 0.00	61.69 6.05 0.00	87.96 7.35 0.18	78.35 5.60 0.91	78.87 4.92 0.00	73.86 4.02 0.00	58.85 3.13 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.79 3.05 0.00	40.30 2.72 0.00	39.11 2.52 0.00	39.51 2.37 0.00	36.27 2.32 0.00	29.68 2.03 0.00	27.88 1.92 0.00	25.51 1.90 0.00	26.40 2.01 0.00	28.97 1.93 0.57	-2.66 1.60 29.82	27.42 1.38 0.00	30.76 1.64 0.00	47.56 2.83 0.00	55.76 2.67 0.00	54.44 3.23 0.00	52.49 3.96 0.00	53.84 4.48 0.00	60.37 4.74 0.00	86.63 5.84 0.00	78.31 4.65 0.00	78.13 4.18 0.00	73.16 3.31 0.00	58.19 2.47 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.99 3.25 0.00	40.43 2.86 0.00	39.20 2.61 0.00	39.58 2.44 0.00	36.34 2.39 0.00	29.76 2.12 0.00	27.98 2.01 0.00	25.64 2.03 0.00	26.53 2.13 0.00	30.01 2.09 -0.32	44.02 1.79 -16.67	27.62 1.58 0.00	30.92 1.80 0.00	47.69 2.96 0.00	55.84 2.75 0.00	54.48 3.27 0.00	52.55 4.02 0.00	53.84 4.47 0.00	60.32 4.68 0.00	86.38 5.59 0.00	78.04 4.38 0.00	77.88 3.93 0.00	72.89 3.04 0.00	58.23 2.51 0.00
W50THST__13_KV_LOAD 356117	46.19 3.45 0.00	40.62 3.05 0.00	39.37 2.78 0.00	39.74 2.61 0.00	36.50 2.55 0.00	29.90 2.25 0.00	28.11 2.15 0.00	25.78 2.17 0.00	26.69 2.29 0.00	30.19 2.26 -0.32	44.18 1.95 -16.67	27.79 1.75 0.00	31.10 1.98 0.00	47.98 3.25 0.00	56.16 3.08 0.00	54.82 3.61 0.00	52.89 4.37 0.00	54.17 4.80 0.00	60.68 5.04 0.00	86.91 6.11 0.00	78.50 4.84 0.00	78.37 4.42 0.00	73.33 3.49 0.00	58.59 2.87 0.00
WADING RIVER_IC_1 23522	45.80 3.06 0.00	40.14 2.57 0.00	38.68 2.09 0.00	38.82 1.69 0.00	35.75 1.80 0.00	29.24 1.59 0.00	27.62 1.65 0.00	25.34 1.73 0.00	26.30 1.90 0.00	29.68 1.76 -0.32	43.86 1.71 -16.59	27.31 1.27 0.00	30.46 1.35 0.00	47.05 2.32 0.00	55.06 1.98 0.00	53.96 2.75 0.00	51.90 3.38 0.00	54.16 4.79 0.00	60.58 4.94 0.00	86.08 5.50 0.22	76.16 3.60 1.10	75.95 2.97 0.96	68.50 2.21 3.56	52.23 1.74 5.23
WADING RIVER_IC_2 23547	45.80 3.06 0.00	40.14 2.57 0.00	38.68 2.09 0.00	38.82 1.69 0.00	35.75 1.80 0.00	29.24 1.59 0.00	27.62 1.65 0.00	25.34 1.73 0.00	26.30 1.90 0.00	29.68 1.76 -0.32	43.86 1.71 -16.59	27.31 1.27 0.00	30.46 1.35 0.00	47.05 2.32 0.00	55.06 1.98 0.00	53.96 2.75 0.00	51.90 3.38 0.00	54.16 4.79 0.00	60.58 4.94 0.00	86.08 5.50 0.22	76.16 3.60 1.10	75.95 2.97 0.96	68.50 2.21 3.56	52.23 1.74 5.23
WADING RIVER_IC_3 23601	45.80 3.06 0.00	40.14 2.57 0.00	38.68 2.09 0.00	38.82 1.69 0.00	35.75 1.80 0.00	29.24 1.59 0.00	27.62 1.65 0.00	25.34 1.73 0.00	26.30 1.90 0.00	29.68 1.76 -0.32	43.86 1.71 -16.59	27.31 1.27 0.00	30.46 1.35 0.00	47.05 2.32 0.00	55.06 1.98 0.00	53.96 2.75 0.00	51.90 3.38 0.00	54.16 4.79 0.00	60.58 4.94 0.00	86.08 5.50 0.22	76.16 3.60 1.10	75.95 2.97 0.96	68.50 2.21 3.56	52.23 1.74 5.23
WALDENNY_12_KV_BK2 80841	41.77 -0.86 0.10	36.79 -0.78 0.00	35.66 -0.90 0.03	35.94 -1.03 0.18	29.00 -0.75 4.20	16.91 -0.63 10.11	15.25 -0.50 10.21	14.29 -0.32 9.00	15.25 -0.24 8.91	19.11 -0.03 8.47	21.56 0.13 4.14	28.29 0.50 -1.75	30.17 0.88 -0.17	46.66 1.93 0.00	55.87 2.78 0.00	53.51 2.30 0.00	51.05 2.52 0.00	50.71 1.95 0.60	58.25 2.61 0.00	85.32 4.53 0.00	78.37 4.71 0.00	77.98 4.03 0.00	73.83 3.99 0.00	57.98 2.25 0.00
WALDEN___HYDRO 24148	45.65 2.91 0.00	40.15 2.57 0.00	38.96 2.37 0.00	39.39 2.25 0.00	36.15 2.20 0.00	29.57 1.92 0.00	27.79 1.82 0.00	25.41 1.80 0.00	26.29 1.90 0.00	29.26 1.85 0.20	16.68 1.55 10.43	27.35 1.31 0.00	30.67 1.55 0.00	47.30 2.57 0.00	55.55 2.46 0.00	54.14 2.93 0.00	52.25 3.72 0.00	53.68 4.31 0.00	60.25 4.61 0.00	86.59 5.80 0.00	78.34 4.67 0.00	78.19 4.25 0.00	73.18 3.34 0.00	58.17 2.45 0.00
WARRENSBURG____ 23737	45.37 2.63 0.00	39.78 2.21 0.00	38.74 2.15 0.00	39.28 2.14 0.00	35.98 2.03 0.00	29.39 1.75 0.00	27.54 1.57 0.00	25.12 1.51 0.00	26.08 1.68 0.00	29.36 1.71 -0.04	29.02 1.23 -2.23	26.90 0.86 0.00	30.02 0.91 0.00	46.24 1.52 0.00	54.80 1.71 0.00	53.27 2.06 0.00	51.73 3.20 0.00	53.02 3.65 0.00	59.71 4.07 0.00	86.26 5.47 0.00	78.45 4.78 0.00	78.96 5.01 0.00	73.39 3.54 0.00	58.44 2.72 0.00
WATERSIDE___6 8 9 23538	45.99 3.25 0.00	40.46 2.88 0.00	39.20 2.60 0.00	39.57 2.43 0.00	36.37 2.42 0.00	29.81 2.16 0.00	28.00 2.03 0.00	25.63 2.02 0.00	26.53 2.13 0.00	30.01 2.09 -0.32	43.97 1.77 -16.64	27.60 1.56 0.00	30.89 1.77 0.00	47.62 2.90 0.00	55.61 2.52 0.00	54.24 3.03 0.00	52.32 3.80 0.00	53.54 4.18 0.00	56.30 4.29 3.63	72.16 5.00 13.64	63.85 3.82 13.63	68.26 3.37 9.06	65.91 2.53 6.46	57.91 2.19 0.00
WATKINRD_115KV_LN8_ILLION 55919	43.43 0.69 0.00	38.24 0.66 0.00	37.20 0.61 0.00	37.79 0.65 0.00	34.59 0.64 0.00	28.25 0.60 0.00	26.53 0.56 0.00	24.11 0.50 0.00	24.95 0.56 0.00	28.07 0.46 0.00	25.81 0.25 0.00	26.07 0.03 0.00	29.13 0.01 0.00	44.88 0.15 0.00	53.05 -0.04 0.00	51.55 0.34 0.00	45.12 0.85 4.26	50.57 1.20 0.00	57.11 1.47 0.00	82.66 1.87 0.00	75.25 1.59 0.00	75.40 1.45 0.00	70.63 0.79 0.00	56.07 0.35 0.00

WDELAWARE___HYD 323627	44.95 2.21 0.00	39.50 1.93 0.00	38.32 1.73 0.00	38.75 1.61 0.00	35.55 1.60 0.00	29.07 1.42 0.00	27.33 1.36 0.00	24.98 1.37 0.00	25.88 1.48 0.00	28.83 1.41 0.19	16.61 1.03 9.98	26.20 0.16 0.00	29.37 0.25 0.00	45.26 0.54 0.00	53.08 -0.01 0.00	51.70 0.49 0.00	50.19 1.67 0.00	52.85 3.48 0.00	59.42 3.78 0.00	85.62 4.83 0.00	77.44 3.78 0.00	77.30 3.35 0.00	72.36 2.52 0.00	57.44 1.72 0.00
WEST BABYLON___IC 23714	46.92 4.18 0.00	41.16 3.58 0.00	39.70 3.10 0.00	39.90 2.76 0.00	36.73 2.78 0.00	30.00 2.35 0.00	28.30 2.33 0.00	25.95 2.34 0.00	26.91 2.51 0.00	30.43 2.50 -0.32	44.51 2.36 -16.59	28.04 2.01 0.00	31.23 2.11 0.00	48.25 3.52 0.00	56.40 3.31 0.00	55.17 3.96 0.00	53.04 4.52 0.00	55.14 5.77 0.00	61.69 6.05 0.00	87.96 7.35 0.18	78.35 5.60 0.91	78.87 4.92 0.00	73.86 4.02 0.00	58.85 3.13 0.00
WEST CANADA___HYD 24049	42.96 0.22 0.00	37.79 0.22 0.00	36.82 0.23 0.00	37.43 0.29 0.00	34.22 0.27 0.00	27.87 0.22 0.00	26.17 0.20 0.00	23.79 0.18 0.00	24.59 0.19 0.00	27.77 0.16 0.00	25.65 0.09 0.00	26.09 0.05 0.00	29.19 0.07 0.00	44.88 0.15 0.00	53.17 0.08 0.00	51.42 0.21 0.00	44.69 0.42 4.26	49.91 0.54 0.00	56.20 0.56 0.00	81.52 0.72 0.00	74.25 0.58 0.00	74.46 0.51 0.00	70.12 0.27 0.00	55.84 0.12 0.00
WESTERN_NY_WIND 24143	43.11 0.43 0.06	37.85 0.27 0.00	36.70 0.13 0.02	37.03 0.00 0.11	31.67 0.26 2.55	21.75 0.22 6.12	20.10 0.32 6.18	18.58 0.43 5.45	19.54 0.53 5.40	23.23 0.74 5.12	24.03 0.65 2.18	29.24 1.02 -2.18	30.67 1.34 -0.21	47.21 2.48 0.00	56.57 3.49 0.00	54.12 2.91 0.00	51.68 3.15 0.00	52.10 3.02 0.29	59.53 3.89 0.00	87.66 6.87 0.00	80.68 7.02 0.00	80.31 6.37 0.00	75.76 5.92 0.00	59.47 3.75 0.00
WESTOVER___LESR 323668	43.17 0.43 0.00	37.97 0.40 0.00	36.94 0.35 0.00	37.53 0.40 0.00	34.40 0.45 0.00	28.06 0.41 0.00	26.41 0.45 0.00	24.04 0.43 0.00	24.84 0.44 0.00	28.01 0.45 0.05	22.82 0.41 3.15	23.92 0.45 2.56	29.59 0.73 0.25	46.01 1.29 0.00	54.29 1.20 0.00	52.59 1.37 0.00	50.31 1.79 0.00	51.02 1.83 0.18	58.03 2.39 0.00	84.30 3.50 -0.01	77.00 3.19 -0.15	77.00 2.73 -0.32	72.61 2.29 -0.48	56.92 1.19 0.00
WETHRSFD_WT_PWR 323626	40.15 -2.14 0.45	35.71 -1.87 0.00	34.63 -1.82 0.14	34.45 -1.93 0.75	14.28 -1.70 17.97	-16.92 -1.34 43.23	-18.88 -1.19 43.66	-15.93 -1.05 38.49	-14.76 -1.06 38.10	-9.65 -1.06 36.20	-4.45 -0.71 29.30	-11.85 -0.46 37.43	25.39 -0.06 3.67	45.32 0.59 0.00	54.05 0.97 0.00	51.73 0.52 0.00	49.07 0.55 0.00	43.53 -0.19 5.64	56.31 0.67 0.00	83.29 2.50 0.00	77.17 3.51 0.00	76.77 2.82 0.00	72.36 2.52 0.00	56.66 0.93 0.00
WHAVSTOR_138KV_BK127 55557	45.53 2.79 0.00	40.08 2.51 0.00	38.90 2.30 0.00	39.30 2.16 0.00	36.09 2.14 0.00	29.53 1.88 0.00	27.75 1.78 0.00	25.38 1.78 0.00	26.27 1.86 0.00	28.80 1.76 0.57	-3.08 1.44 30.08	27.26 1.22 0.00	30.58 1.46 0.00	47.23 2.50 0.00	55.34 2.25 0.00	54.02 2.81 0.00	52.06 3.54 0.00	53.41 4.04 0.00	59.87 4.23 0.00	85.89 5.11 0.00	77.66 4.00 0.00	77.50 3.56 0.00	72.60 2.76 0.00	57.80 2.08 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.53 2.79 0.00	40.08 2.51 0.00	38.90 2.30 0.00	39.30 2.16 0.00	36.09 2.14 0.00	29.53 1.88 0.00	27.75 1.78 0.00	25.38 1.78 0.00	26.27 1.86 0.00	28.80 1.76 0.57	-3.08 1.44 30.08	27.26 1.22 0.00	30.58 1.46 0.00	47.23 2.50 0.00	55.34 2.25 0.00	54.02 2.81 0.00	52.06 3.54 0.00	53.41 4.04 0.00	59.87 4.23 0.00	85.89 5.11 0.00	77.66 4.00 0.00	77.50 3.56 0.00	72.60 2.76 0.00	57.80 2.08 0.00
WHITEHAL_115KV_TB1 80871	47.12 4.38 0.00	41.13 3.55 0.00	40.06 3.47 0.00	40.59 3.45 0.00	37.20 3.25 0.00	30.46 2.81 0.00	28.40 2.43 0.00	26.02 2.41 0.00	27.09 2.69 0.00	30.42 2.76 -0.04	30.07 2.25 -2.26	27.45 1.41 0.00	30.60 1.49 0.00	47.30 2.58 0.00	56.07 2.99 0.00	54.50 3.29 0.00	53.33 4.80 0.00	55.00 5.63 0.00	61.55 5.91 0.00	88.47 7.68 0.00	81.09 7.43 0.00	82.05 8.10 0.00	75.74 5.90 0.00	60.69 4.97 0.00
WHITEPLN_13_KV_LOAD 356215	46.31 3.57 0.00	40.70 3.13 0.00	39.46 2.87 0.00	39.85 2.71 0.00	36.58 2.63 0.00	29.94 2.29 0.00	28.14 2.17 0.00	25.76 2.15 0.00	26.67 2.26 0.00	30.19 2.26 -0.33	44.67 1.95 -17.16	27.76 1.72 0.00	31.12 2.00 0.00	48.06 3.33 0.00	56.36 3.27 0.00	55.04 3.83 0.00	53.09 4.57 0.00	54.51 5.14 0.00	61.14 5.50 0.00	87.73 6.94 0.00	79.30 5.63 0.00	79.12 5.17 0.00	74.01 4.17 0.00	58.90 3.18 0.00
WM_FLOYD_69_KV_BK2 356380	46.27 3.53 0.00	40.57 3.00 0.00	39.10 2.51 0.00	39.26 2.13 0.00	36.14 2.19 0.00	29.56 1.91 0.00	27.92 1.96 0.00	25.61 2.00 0.00	26.57 2.17 0.00	29.99 2.07 -0.32	44.14 1.99 -16.59	27.61 1.57 0.00	30.76 1.65 0.00	47.49 2.77 0.00	55.59 2.51 0.00	54.46 3.25 0.00	52.39 3.87 0.00	54.66 5.29 0.00	61.15 5.51 0.00	86.98 6.40 0.22	77.05 4.49 1.10	76.77 3.77 0.94	69.26 2.91 3.49	52.87 2.27 5.12
WOODARD___115KV_TB2 355635	42.43 -0.31 0.00	37.31 -0.26 0.00	36.42 -0.18 0.00	36.99 -0.15 0.00	33.87 -0.08 0.00	27.58 -0.07 0.00	25.91 -0.05 0.00	23.57 -0.04 0.00	24.35 -0.05 0.00	27.53 -0.08 0.00	25.50 -0.06 0.00	26.02 -0.02 0.00	29.19 0.07 0.00	44.98 0.25 0.00	53.31 0.23 0.00	51.51 0.29 0.00	41.55 0.65 7.63	50.13 0.76 0.00	56.68 1.04 0.00	82.43 1.62 -0.01	75.40 1.47 -0.27	75.68 1.13 -0.60	71.41 0.68 -0.89	55.92 0.19 0.00
WOODMERE_69_KV_BK1 55827	46.83 4.10 0.00	41.11 3.54 0.00	39.72 3.12 0.00	39.99 2.85 0.00	36.77 2.82 0.00	30.06 2.41 0.00	28.32 2.35 0.00	25.92 2.31 0.00	26.87 2.47 0.00	30.39 2.47 -0.32	44.44 2.29 -16.59	28.02 1.98 0.00	31.39 2.27 0.00	48.38 3.65 0.00	56.58 3.49 0.00	55.30 4.09 0.00	53.22 4.69 0.00	55.00 5.63 0.00	61.39 5.75 0.00	88.10 7.04 -0.27	80.58 5.53 -1.39	90.61 5.07 -11.58	116.68 4.19 -42.64	121.72 3.23 -62.77
YORK___WARBASSE 23770	46.17 3.43 0.00	40.57 2.99 0.00	39.28 2.69 0.00	39.65 2.51 0.00	36.43 2.48 0.00	29.86 2.21 0.00	28.04 2.07 0.00	25.68 2.07 0.00	26.59 2.19 0.00	30.07 2.15 -0.32	44.05 1.85 -16.64	27.71 1.67 0.00	31.04 1.93 0.00	47.93 3.21 0.00	55.93 2.84 0.00	54.58 3.36 0.00	52.65 4.13 0.00	53.82 4.45 0.00	60.19 4.56 0.01	86.20 5.42 0.01	77.87 4.21 0.01	77.71 3.77 0.01	72.73 2.89 0.01	58.08 2.36 0.00