

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/04/2025

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	39.22	35.40	32.29	29.87	30.07	34.19	37.72	40.70	39.65	39.05	43.46	48.13	50.62	54.15	55.55	59.30	72.34	84.53	85.63	83.43	77.72	63.41	56.33	49.29
24138	1.97	1.65	1.51	1.37	1.21	1.35	1.49	2.09	2.49	2.59	2.99	2.92	3.13	2.97	2.90	2.88	3.77	4.93	4.62	3.90	2.85	1.43	1.59	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.04	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	39.29	35.46	32.36	29.93	30.12	34.23	37.72	40.70	39.65	39.05	43.46	48.17	50.62	54.15	55.55	59.25	72.34	84.53	85.71	83.51	77.80	63.54	56.44	49.39
24260	2.05	1.72	1.57	1.43	1.27	1.38	1.49	2.09	2.49	2.59	2.99	2.96	3.13	2.97	2.90	2.82	3.77	4.93	4.70	3.98	2.92	1.55	1.70	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.04	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	39.29	35.46	32.36	29.93	30.12	34.23	37.72	40.70	39.65	39.05	43.46	48.17	50.62	54.15	55.55	59.25	72.34	84.53	85.71	83.51	77.80	63.54	56.44	49.39
24261	2.05	1.72	1.57	1.43	1.27	1.38	1.49	2.09	2.49	2.59	2.99	2.96	3.13	2.97	2.90	2.82	3.77	4.93	4.70	3.98	2.92	1.55	1.70	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.00	35.26	32.17	29.75	30.09	34.19	37.54	39.97	38.46	37.63	41.44	45.68	48.51	52.51	54.13	58.12	71.17	84.13	86.60	85.10	79.90	65.64	57.59	49.82
24011	1.75	1.52	1.39	1.25	1.24	1.35	1.30	1.35	1.30	1.17	0.97	1.08	1.09	1.33	1.47	1.69	2.61	4.54	5.59	5.57	5.02	3.66	2.85	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.11	35.40	32.26	29.84	30.18	34.33	37.65	40.09	38.49	37.74	41.52	45.77	48.60	52.66	54.34	58.34	71.51	84.69	87.17	85.82	80.57	66.14	57.92	50.05
23798	1.86	1.65	1.48	1.34	1.33	1.48	1.41	1.47	1.34	1.28	1.05	1.17	1.19	1.49	1.68	1.92	2.95	5.10	6.15	6.28	5.69	4.15	3.17	2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.00	35.26	32.17	29.75	30.09	34.19	37.54	39.97	38.46	37.63</														

ALBANY___2 23572	37.36 0.11 0.00	33.88 0.13 0.00	31.09 0.31 0.00	28.81 0.31 0.00	29.06 0.20 0.00	32.98 0.13 0.00	36.16 -0.07 0.00	38.73 0.12 0.00	37.38 0.22 0.00	36.57 0.11 0.00	40.55 0.08 0.00	44.52 -0.13 0.24	47.28 -0.14 0.03	50.77 -0.41 0.00	52.18 -0.47 0.00	55.80 -0.62 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	81.17 0.16 0.00	79.37 -0.16 0.00	74.28 -0.60 0.00	61.24 -0.74 0.00	53.98 -0.77 0.00	47.15 -0.52 0.00
ALBANY___3 23573	37.36 0.11 0.00	33.88 0.13 0.00	31.09 0.31 0.00	28.81 0.31 0.00	29.06 0.20 0.00	32.98 0.13 0.00	36.16 -0.07 0.00	38.73 0.12 0.00	37.38 0.22 0.00	36.57 0.11 0.00	40.55 0.08 0.00	44.52 -0.13 0.24	47.28 -0.14 0.03	50.77 -0.41 0.00	52.18 -0.47 0.00	55.80 -0.62 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	81.17 0.16 0.00	79.37 -0.16 0.00	74.28 -0.60 0.00	61.24 -0.74 0.00	53.98 -0.77 0.00	47.15 -0.52 0.00
ALBANY___4 23574	37.36 0.11 0.00	33.88 0.13 0.00	31.09 0.31 0.00	28.81 0.31 0.00	29.06 0.20 0.00	32.98 0.13 0.00	36.16 -0.07 0.00	38.73 0.12 0.00	37.38 0.22 0.00	36.57 0.11 0.00	40.55 0.08 0.00	44.52 -0.13 0.24	47.28 -0.14 0.03	50.77 -0.41 0.00	52.18 -0.47 0.00	55.80 -0.62 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	81.17 0.16 0.00	79.37 -0.16 0.00	74.28 -0.60 0.00	61.24 -0.74 0.00	53.98 -0.77 0.00	47.15 -0.52 0.00
ALBANY___LFGE 323615	37.77 0.52 0.00	34.25 0.51 0.00	31.37 0.58 0.00	29.07 0.57 0.00	29.34 0.49 0.00	33.27 0.43 0.00	36.53 0.29 0.00	39.08 0.47 0.00	37.68 0.52 0.00	36.94 0.47 0.00	40.95 0.49 0.00	45.03 0.40 0.27	47.76 0.33 0.03	51.43 0.26 0.00	52.92 0.26 0.00	56.65 0.23 0.00	69.05 0.48 0.00	80.86 1.27 0.00	82.15 1.13 0.00	80.57 1.03 0.00	75.41 0.53 0.00	62.11 0.12 0.00	54.75 0.00 0.00	47.67 0.00 0.00
ALCOA_PA_115KV_PL-6C 55860	37.43 0.19 0.00	33.78 0.03 0.00	30.76 -0.03 0.00	28.50 0.00 0.00	28.91 0.06 0.00	33.31 0.46 0.00	37.14 0.91 0.00	39.55 0.93 0.00	37.90 0.74 0.00	37.19 0.73 0.00	41.15 0.69 0.00	45.80 0.90 0.00	48.45 1.00 0.00	52.25 1.07 0.00	53.60 0.95 0.00	57.38 0.96 0.00	69.05 0.48 0.00	79.51 -0.08 0.00	80.85 -0.16 0.00	79.53 0.00 0.00	75.85 0.97 0.00	66.68 1.49 -3.21	67.08 1.48 -10.85	58.41 1.43 -9.31
ALCOA_RYNLDS___DRP 24188	37.43 0.19 0.00	33.78 0.03 0.00	30.76 -0.03 0.00	28.50 0.00 0.00	28.91 0.06 0.00	33.31 0.46 0.00	37.14 0.91 0.00	39.55 0.93 0.00	37.90 0.74 0.00	37.19 0.73 0.00	41.15 0.69 0.00	45.80 0.90 0.00	48.45 1.00 0.00	52.25 1.07 0.00	53.60 0.95 0.00	57.38 0.96 0.00	69.05 0.48 0.00	79.51 -0.08 0.00	80.85 -0.16 0.00	79.53 0.00 0.00	75.85 0.97 0.00	66.68 1.49 -3.21	67.08 1.48 -10.85	58.41 1.43 -9.31
ALCOA___DSASP 323711	37.43 0.19 0.00	33.78 0.03 0.00	30.76 -0.03 0.00	28.50 0.00 0.00	28.91 0.06 0.00	33.31 0.46 0.00	37.14 0.91 0.00	39.54 0.93 0.00	37.90 0.74 0.00	37.19 0.73 0.00	41.15 0.69 0.00	45.84 0.94 0.00	48.45 1.00 0.00	52.25 1.08 0.00	53.65 1.00 0.00	57.38 0.96 0.00	69.05 0.48 0.00	79.52 -0.08 0.00	80.85 -0.16 0.00	79.53 0.00 0.00	75.85 0.97 0.00	66.64 1.49 -3.17	66.93 1.48 -10.71	58.29 1.43 -9.19
ALLEGHENY___COGEN 23514	39.78 2.53 0.00	36.31 2.56 0.00	33.16 2.37 0.00	30.64 2.14 0.00	30.87 2.02 0.00	34.16 1.32 0.00	37.36 1.12 0.00	39.16 0.54 0.00	37.08 -0.07 0.00	36.14 -0.33 0.00	39.86 -0.61 0.00	44.67 -0.22 0.00	46.08 -1.38 0.00	50.00 -1.18 0.00	52.13 -0.53 0.00	56.20 -0.22 0.00	68.16 -0.41 0.00	80.39 0.80 0.00	84.90 3.89 0.00	84.06 4.53 0.00	78.32 3.45 0.00	64.84 2.85 0.00	57.27 2.52 0.00	49.87 2.19 0.00
ALTAMONT_115KV_TB 2 55880	37.88 0.63 0.00	34.28 0.54 0.00	31.40 0.62 0.00	29.10 0.60 0.00	29.37 0.52 0.00	33.31 0.46 0.00	36.60 0.36 0.00	39.12 0.50 0.00	37.75 0.59 0.00	36.98 0.51 0.00	41.03 0.57 0.00	45.18 0.45 0.16	47.91 0.47 0.02	51.48 0.31 0.00	52.92 0.26 0.00	56.65 0.23 0.00	69.05 0.48 0.00	80.71 1.11 0.00	82.23 1.22 0.00	80.49 0.95 0.00	75.40 0.52 0.00	62.23 0.25 0.00	54.86 0.11 0.00	47.91 0.24 0.00
ALTONA_WT_PWR 323606	36.84 -0.41 0.00	33.27 -0.47 0.00	30.35 -0.43 0.00	28.16 -0.34 0.00	28.65 -0.20 0.00	33.04 0.20 0.00	36.74 0.51 0.00	39.27 0.66 0.00	37.71 0.56 0.00	37.05 0.58 0.00	41.03 0.57 0.00	45.71 0.81 0.00	48.02 0.57 0.00	51.79 0.62 0.00	53.18 0.53 0.00	56.93 0.51 0.00	68.91 0.34 0.00	79.44 -0.16 0.00	80.77 -0.24 0.00	79.38 -0.16 0.00	75.63 0.75 0.00	63.06 0.93 -0.14	56.09 0.87 -0.47	48.88 0.81 -0.40
AMERICAN_REF_FUEL 24010	37.43 0.19 0.00	34.42 0.67 0.00	31.68 0.89 0.00	29.01 0.51 0.00	29.17 0.32 0.00	31.89 -0.95 0.00	34.13 -2.10 0.00	35.80 -2.82 0.00	34.74 -2.41 0.00	34.13 -2.33 0.00	37.87 -2.59 0.00	42.79 -2.11 0.00	45.75 -1.71 0.00	49.39 -1.79 0.00	51.34 -1.31 0.00	55.13 -1.30 0.00	65.69 -2.88 0.00	76.81 -2.79 0.00	80.45 -0.56 0.00	78.18 -1.35 0.00	71.74 -3.14 0.00	59.76 -2.23 0.00	53.82 -0.93 0.00	47.96 0.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.70 1.45 0.00	35.43 1.69 0.00	32.36 1.57 0.00	29.87 1.37 0.00	30.06 1.21 0.00	32.78 -0.07 0.00	35.69 -0.54 0.00	37.65 -0.96 0.00	36.49 -0.67 0.00	36.03 -0.44 0.00	39.94 -0.53 0.00	45.30 0.40 0.00	48.50 1.04 0.00	52.30 1.12 0.00	54.29 1.63 0.00	58.45 2.03 0.00	69.52 0.96 0.00	81.10 1.51 0.00	84.82 3.81 0.00	82.63 3.10 0.00	75.47 0.60 0.00	63.04 1.05 0.00	56.61 1.86 0.00	49.77 2.10 0.00
ARTHUR KILL_GT_1 23520	39.37 2.12 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.91 2.44 0.00	43.34 2.87 0.00	47.59 2.38 -0.31	48.23 2.33 1.55	48.40 2.15 4.93	50.39 2.11 4.37	50.77 1.69 7.34	58.45 2.47 12.58	69.83 3.50 13.26	68.14 3.16 16.03	56.21 2.55 25.87	51.15 1.57 25.30	51.18 0.43 11.24	50.20 0.88 5.43	48.71 1.05 0.01
ARTHUR_KILL_2 23512	39.23 1.97 -0.01	35.37 1.62 -0.01	32.24 1.45 -0.01	29.79 1.28 -0.01	30.02 1.16 -0.01	34.10 1.25 -0.01	37.54 1.30 0.00	40.40 1.78 0.00	39.31 2.15 0.00	38.81 2.34 -0.01	43.18 2.71 -0.01	47.50 2.29 -0.31	47.90 1.99 1.55	48.25 1.99 4.93	50.24 1.95 4.37	50.60 1.52 7.35	58.10 2.13 12.59	69.43 3.10 13.27	67.56 2.59 16.04	55.88 2.22 25.88	50.85 1.27 25.30	50.93 0.19 11.24	49.98 0.66 5.43	48.52 0.86 0.01
ARTHUR_KILL_3 23513	38.88 1.64 0.00	35.09 1.35 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.80 0.95 0.00	33.87 1.02 0.00	37.36 1.12 0.00	40.32 1.70 0.00	39.24 2.08 0.00	38.69 2.22 0.00	43.02 2.55 0.00	47.50 2.29 -0.31	48.19 2.28 1.54	48.46 2.20 4.92	50.40 2.11 4.36	51.04 1.97 7.36	58.64 2.67 12.60	69.98 3.66 13.28	68.12 3.16 16.05	56.35 2.71 25.88	51.29 1.72 25.31	51.29 0.56 11.25	50.19 0.87 5.43	48.46 0.81 0.02

ARTHUR_KILL_COGEN 323718	39.38 2.12 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.88 1.37 -0.01	30.10 1.24 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.92 2.44 -0.01	43.30 2.83 -0.01	47.63 2.42 -0.31	48.04 2.14 1.55	48.40 2.15 4.93	50.45 2.16 4.37	50.83 1.75 7.35	58.44 2.46 12.59	69.82 3.50 13.27	67.97 3.00 16.04	56.20 2.54 25.88	51.15 1.57 25.30	51.18 0.44 11.24	50.19 0.87 5.43	48.71 1.05 0.01
ASHOKAN____ 23654	38.77 1.53 0.00	35.06 1.31 0.00	31.96 1.17 0.00	29.56 1.06 0.00	29.83 0.98 0.00	33.80 0.95 0.00	37.11 0.87 0.00	39.74 1.12 0.00	37.60 0.45 0.00	37.08 0.62 0.00	41.15 0.69 0.00	46.92 2.02 0.00	48.17 0.71 0.00	52.10 0.92 0.00	53.81 1.16 0.00	57.89 1.46 0.00	71.24 2.67 0.00	83.73 4.14 0.00	85.22 4.21 0.00	83.75 4.21 0.00	78.02 3.14 0.00	64.09 2.11 0.00	56.50 1.75 0.00	49.06 1.38 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.30 2.05 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.10 1.24 -0.01	34.20 1.35 -0.01	37.58 1.34 0.00	40.31 1.70 0.01	39.34 2.19 0.01	38.83 2.37 0.01	43.17 2.71 0.01	47.67 2.47 -0.31	49.86 2.37 -0.03	53.53 2.36 0.01	54.91 2.26 0.01	58.28 1.86 0.01	71.16 2.60 0.01	83.25 3.66 0.01	84.25 3.24 0.01	82.38 2.86 0.01	76.81 1.94 0.01	62.91 0.93 0.01	56.06 1.31 0.00	48.97 1.29 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	39.30 2.05 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.10 1.24 -0.01	34.20 1.35 -0.01	37.58 1.34 0.00	40.31 1.70 0.01	39.34 2.19 0.01	38.83 2.37 0.01	43.17 2.71 0.01	47.67 2.47 -0.31	49.86 2.37 -0.03	53.53 2.36 0.01	54.91 2.26 0.01	58.28 1.86 0.01	71.16 2.60 0.01	83.25 3.66 0.01	84.25 3.24 0.01	82.38 2.86 0.01	76.81 1.94 0.01	62.91 0.93 0.01	56.06 1.31 0.00	48.97 1.29 -0.01
ASTORIA_GT2_1 24094	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT2_2 24095	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT2_3 24096	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT2_4 24097	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT3_1 24098	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT3_2 24099	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT3_3 24100	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT3_4 24101	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT4_1 24102	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT4_2 24103	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT4_3 24104	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01

ASTORIA_GT4_4 24105	39.29 2.05 0.00	35.50 1.75 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.36 1.74 0.00	39.39 2.23 0.00	38.82 2.37 0.02	43.24 2.79 0.02	47.77 2.56 -0.31	50.05 2.56 -0.04	53.53 2.35 0.00	54.92 2.26 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
ASTORIA_GT_1 23523	39.37 2.12 0.00	35.53 1.79 0.00	32.42 1.63 0.00	29.95 1.45 0.00	30.15 1.30 0.00	34.29 1.45 0.00	37.69 1.45 0.00	40.43 1.82 0.00	39.50 2.34 0.00	38.93 2.48 0.02	43.32 2.87 0.02	47.86 2.65 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.40 1.97 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.74 3.73 0.00	82.64 3.10 0.00	77.05 2.17 0.00	63.10 1.12 0.00	56.23 1.48 0.00	49.30 1.62 -0.01
ASTORIA_GT_10 24110	39.22 1.97 0.00	35.43 1.69 0.00	32.33 1.54 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.47 1.85 0.00	39.46 2.30 0.00	38.91 2.44 0.00	43.34 2.87 0.00	47.81 2.60 -0.31	50.15 2.66 -0.04	53.63 2.46 0.00	54.97 2.32 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.41 3.40 0.00	82.24 2.70 0.00	76.68 1.80 0.00	62.67 0.68 0.00	55.90 1.15 0.00	49.05 1.38 0.00
ASTORIA_GT_11 24225	39.22 1.97 0.00	35.43 1.69 0.00	32.33 1.54 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.47 1.85 0.00	39.46 2.30 0.00	38.91 2.44 0.00	43.34 2.87 0.00	47.81 2.60 -0.31	50.15 2.66 -0.04	53.63 2.46 0.00	54.97 2.32 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.41 3.40 0.00	82.24 2.70 0.00	76.68 1.80 0.00	62.67 0.68 0.00	55.90 1.15 0.00	49.05 1.38 0.00
ASTORIA_GT_12 24226	39.22 1.97 0.00	35.43 1.69 0.00	32.33 1.54 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.47 1.85 0.00	39.46 2.30 0.00	38.91 2.44 0.00	43.34 2.87 0.00	47.81 2.60 -0.31	50.15 2.66 -0.04	53.63 2.46 0.00	54.97 2.32 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.41 3.40 0.00	82.24 2.70 0.00	76.68 1.80 0.00	62.67 0.68 0.00	55.90 1.15 0.00	49.05 1.38 0.00
ASTORIA_GT_13 24227	39.22 1.97 0.00	35.43 1.69 0.00	32.33 1.54 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.47 1.85 0.00	39.46 2.30 0.00	38.91 2.44 0.00	43.34 2.87 0.00	47.81 2.60 -0.31	50.15 2.66 -0.04	53.63 2.46 0.00	54.97 2.32 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.41 3.40 0.00	82.24 2.70 0.00	76.68 1.80 0.00	62.67 0.68 0.00	55.90 1.15 0.00	49.05 1.38 0.00
ASTORIA_GT_5 24106	39.37 2.12 0.00	35.53 1.79 0.00	32.42 1.63 0.00	29.95 1.45 0.00	30.15 1.30 0.00	34.29 1.45 0.00	37.69 1.45 0.00	40.43 1.82 0.00	39.50 2.34 0.00	38.93 2.48 0.02	43.32 2.87 0.02	47.86 2.65 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.40 1.97 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.74 3.73 0.00	82.64 3.10 0.00	77.05 2.17 0.00	63.10 1.12 0.00	56.23 1.48 0.00	49.30 1.62 -0.01
ASTORIA_GT_7 24107	39.37 2.12 0.00	35.53 1.79 0.00	32.42 1.63 0.00	29.95 1.45 0.00	30.15 1.30 0.00	34.29 1.45 0.00	37.69 1.45 0.00	40.43 1.82 0.00	39.50 2.34 0.00	38.93 2.48 0.02	43.32 2.87 0.02	47.86 2.65 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.40 1.97 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.74 3.73 0.00	82.64 3.10 0.00	77.05 2.17 0.00	63.10 1.12 0.00	56.23 1.48 0.00	49.30 1.62 -0.01
ASTORIA_GT_8 24108	39.37 2.12 0.00	35.53 1.79 0.00	32.42 1.63 0.00	29.95 1.45 0.00	30.15 1.30 0.00	34.29 1.45 0.00	37.69 1.45 0.00	40.43 1.82 0.00	39.50 2.34 0.00	38.93 2.48 0.02	43.32 2.87 0.02	47.86 2.65 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.40 1.97 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.74 3.73 0.00	82.64 3.10 0.00	77.05 2.17 0.00	63.10 1.12 0.00	56.23 1.48 0.00	49.30 1.62 -0.01
ASTORIA___2 24149	39.30 2.05 -0.01	35.51 1.75 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.61 1.38 0.00	40.35 1.74 0.01	39.34 2.19 0.01	38.83 2.37 0.01	43.21 2.75 0.01	47.72 2.51 -0.31	49.86 2.37 -0.03	53.58 2.41 0.01	54.96 2.31 0.01	58.28 1.86 0.01	71.23 2.67 0.01	83.33 3.74 0.01	84.33 3.32 0.01	82.38 2.86 0.01	76.81 1.94 0.01	62.91 0.93 0.01	56.06 1.31 0.00	49.01 1.33 -0.01
ASTORIA___3 23516	39.23 1.97 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.47 1.85 0.00	39.42 2.27 0.00	38.92 2.44 -0.01	43.26 2.79 -0.01	47.77 2.56 -0.31	49.96 2.47 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.39 1.97 0.01	71.23 2.67 0.01	83.25 3.66 0.01	84.16 3.16 0.01	82.31 2.78 0.01	76.66 1.79 0.01	62.66 0.68 0.01	55.90 1.15 0.00	48.86 1.19 0.00
ASTORIA___4 23517	39.22 1.97 0.00	35.43 1.69 0.00	32.33 1.54 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.47 1.85 0.00	39.46 2.30 0.00	38.91 2.44 0.00	43.34 2.87 0.00	47.81 2.60 -0.31	50.15 2.66 -0.04	53.63 2.46 0.00	54.97 2.32 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.41 3.40 0.00	82.24 2.70 0.00	76.68 1.80 0.00	62.67 0.68 0.00	55.90 1.15 0.00	49.05 1.38 0.00
ASTORIA___5 23518	39.23 1.97 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.47 1.85 0.00	39.42 2.27 0.00	38.92 2.44 -0.01	43.26 2.79 -0.01	47.77 2.56 -0.31	49.96 2.47 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.39 1.97 0.01	71.23 2.67 0.01	83.25 3.66 0.01	84.16 3.16 0.01	82.31 2.78 0.01	76.66 1.79 0.01	62.66 0.68 0.01	55.90 1.15 0.00	48.86 1.19 0.00
AST_ENERGY_2_CC3 323677	32.30 1.75 6.70	32.30 1.45 2.89	32.11 1.32 0.00	29.70 1.20 0.00	29.89 1.04 0.00	32.30 1.12 1.66	32.30 1.19 5.13	32.30 1.78 8.10	32.30 2.12 6.97	32.30 2.26 6.43	34.39 2.59 8.67	34.39 2.42 12.93	34.39 2.47 15.53	34.39 2.41 19.19	34.39 2.31 20.58	35.43 2.26 23.26	47.10 3.01 24.48	58.44 4.06 25.21	59.35 3.56 25.22	58.38 3.10 24.25	55.14 2.09 21.83	41.02 0.87 21.83	34.84 1.15 21.06	34.56 1.05 14.16
AST_ENERGY_2_CC4 323678	32.30 1.75 6.70	32.30 1.45 2.89	32.11 1.32 0.00	29.70 1.20 0.00	29.89 1.04 0.00	32.30 1.12 1.66	32.30 1.19 5.13	32.30 1.78 8.10	32.30 2.12 6.97	32.30 2.26 6.43	34.39 2.59 8.67	34.39 2.42 12.93	34.39 2.47 15.53	34.39 2.41 19.19	34.39 2.31 20.58	35.43 2.26 23.26	47.10 3.01 24.48	58.44 4.06 25.21	59.35 3.56 25.22	58.38 3.10 24.25	55.14 2.09 21.83	41.02 0.87 21.83	34.84 1.15 21.06	34.56 1.05 14.16

ATHENS_STG_1 23668	38.03 0.78 0.00	34.38 0.64 0.00	31.46 0.68 0.00	29.18 0.68 0.00	29.43 0.58 0.00	33.37 0.52 0.00	36.67 0.44 0.00	39.31 0.70 0.00	37.97 0.82 0.00	37.30 0.84 0.00	41.43 0.97 0.00	45.83 0.81 -0.12	48.27 0.81 -0.01	51.95 0.77 0.00	53.34 0.68 0.00	57.05 0.62 0.00	69.52 0.96 0.00	81.19 1.59 0.00	82.30 1.29 0.00	80.73 1.19 0.00	75.47 0.60 0.00	62.17 0.19 0.00	54.91 0.16 0.00	47.82 0.14 0.00
ATHENS_STG_2 23670	38.03 0.78 0.00	34.38 0.64 0.00	31.46 0.68 0.00	29.18 0.68 0.00	29.43 0.58 0.00	33.37 0.52 0.00	36.67 0.44 0.00	39.31 0.70 0.00	37.97 0.82 0.00	37.30 0.84 0.00	41.43 0.97 0.00	45.83 0.81 -0.12	48.27 0.81 -0.01	51.95 0.77 0.00	53.34 0.68 0.00	57.05 0.62 0.00	69.52 0.96 0.00	81.19 1.59 0.00	82.30 1.29 0.00	80.73 1.19 0.00	75.47 0.60 0.00	62.17 0.19 0.00	54.91 0.16 0.00	47.82 0.14 0.00
ATHENS_STG_3 23677	38.03 0.78 0.00	34.38 0.64 0.00	31.46 0.68 0.00	29.18 0.68 0.00	29.43 0.58 0.00	33.37 0.52 0.00	36.67 0.44 0.00	39.31 0.70 0.00	37.97 0.82 0.00	37.30 0.84 0.00	41.43 0.97 0.00	45.83 0.81 -0.12	48.27 0.81 -0.01	51.95 0.77 0.00	53.34 0.68 0.00	57.05 0.62 0.00	69.52 0.96 0.00	81.19 1.59 0.00	82.30 1.29 0.00	80.73 1.19 0.00	75.47 0.60 0.00	62.17 0.19 0.00	54.91 0.16 0.00	47.82 0.14 0.00
AUBURN____LFGE 323710	37.58 0.34 0.00	34.25 0.51 0.00	31.28 0.49 0.00	28.87 0.37 0.00	29.20 0.35 0.00	32.95 0.10 0.00	36.31 0.07 0.00	38.50 -0.12 0.00	36.90 -0.26 0.00	36.21 -0.26 0.00	40.22 -0.24 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.54 0.36 0.00	53.18 0.53 0.00	57.22 0.79 0.00	69.39 0.82 0.00	81.19 1.59 0.00	83.04 2.03 0.00	82.00 2.47 0.00	76.45 1.57 0.00	63.10 1.12 0.00	55.57 0.82 0.00	48.01 0.33 0.00
BABYLON_RES_REC 323704	39.70 2.46 0.00	35.77 2.02 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.42 1.58 0.00	37.69 1.45 0.00	40.86 2.24 0.00	39.83 2.68 0.00	39.24 2.77 0.00	43.87 3.40 -0.01	47.45 2.24 -0.31	49.01 1.52 -0.04	52.40 1.23 0.00	54.13 1.47 0.00	58.23 1.81 0.00	70.62 2.06 0.00	83.09 3.50 0.00	84.01 3.00 0.00	80.79 1.27 0.01	68.05 0.38 7.21	61.47 -0.50 0.01	49.36 -0.22 5.17	47.48 -0.19 0.00
BALL_HILL_WT_PWR 323825	38.21 0.97 0.00	34.99 1.25 0.00	31.99 1.20 0.00	29.53 1.02 0.00	29.69 0.84 0.00	32.35 -0.49 0.00	35.08 -1.16 0.00	36.96 -1.66 0.00	35.78 -1.37 0.00	35.30 -1.17 0.00	39.17 -1.30 0.00	44.31 -0.58 0.00	47.41 -0.05 0.00	51.18 0.00 0.00	53.13 0.47 0.00	57.16 0.73 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	83.36 2.35 0.00	81.21 1.67 0.00	74.28 -0.60 0.00	61.99 0.00 0.00	55.68 0.93 0.00	49.10 1.43 0.00
BARON_WINDS____WT_PWR 323822	38.10 0.86 0.00	34.76 1.01 0.00	31.74 0.96 0.00	29.30 0.80 0.00	29.57 0.72 0.00	32.72 -0.13 0.00	35.76 -0.47 0.00	37.73 -0.89 0.00	36.15 -1.00 0.00	35.44 -1.02 0.00	39.29 -1.17 0.00	44.18 -0.72 0.00	46.93 -0.52 0.00	50.82 -0.36 0.00	52.60 -0.05 0.00	56.65 0.23 0.00	68.09 -0.48 0.00	79.83 0.24 0.00	83.04 2.03 0.00	81.60 2.06 0.00	75.33 0.45 0.00	62.54 0.56 0.00	55.62 0.87 0.00	48.67 1.00 0.00
BARRETT_IC_1 23704	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.18 3.59 0.00	84.26 3.24 0.00	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_10 23701	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.16 3.59 0.02	84.24 3.24 0.02	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_11 23702	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.16 3.59 0.02	84.24 3.24 0.02	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_12 23703	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.16 3.59 0.02	84.24 3.24 0.02	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_2 23705	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.18 3.59 0.00	84.26 3.24 0.00	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_3 23706	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.18 3.59 0.00	84.26 3.24 0.00	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_4 23707	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.18 3.59 0.00	84.26 3.24 0.00	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_5 23708	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.18 3.59 0.00	84.26 3.24 0.00	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01

BARRETT_IC_6 23709	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.18 3.59 0.00	84.26 3.24 0.00	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_7 23710	39.41 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.13 0.00	34.19 1.35 0.00	37.51 1.27 0.00	40.63 2.01 0.00	39.61 2.45 0.00	38.94 2.48 0.00	43.50 3.03 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.17 2.00 0.00	54.24 1.58 0.00	58.06 1.64 0.00	71.03 2.47 0.00	83.50 3.90 0.00	84.42 3.40 0.00	81.59 2.07 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.27 0.24	48.82 1.14 0.00
BARRETT_IC_8 23711	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.18 3.59 0.00	84.26 3.24 0.00	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT_IC_9 23700	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.16 3.59 0.02	84.24 3.24 0.02	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT___1 23545	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.18 3.59 0.00	84.26 3.24 0.00	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BARRETT___2 23546	39.40 2.16 0.00	35.50 1.75 0.00	32.29 1.51 0.00	29.75 1.25 0.00	29.98 1.12 0.00	34.19 1.35 0.00	37.50 1.27 0.00	40.63 2.01 0.00	39.54 2.38 0.00	38.95 2.48 0.00	43.47 2.99 -0.01	47.54 2.33 -0.31	49.34 1.85 -0.04	52.77 1.59 0.00	54.45 1.79 0.00	58.45 2.03 0.00	71.03 2.46 0.00	83.16 3.59 0.02	84.24 3.24 0.02	81.59 2.06 0.01	75.60 1.05 0.33	62.10 0.12 0.01	54.78 0.28 0.24	47.58 -0.10 -0.01
BATAVIA__115KV_TB1 55881	38.77 1.53 0.00	35.53 1.79 0.00	32.45 1.66 0.00	29.95 1.45 0.00	30.15 1.30 0.00	33.04 0.20 0.00	35.69 -0.54 0.00	37.65 -0.97 0.00	36.04 -1.11 0.00	35.59 -0.88 0.00	39.37 -1.09 0.00	44.67 -0.22 0.00	47.07 -0.38 0.00	51.74 0.56 0.00	53.87 1.21 0.00	58.12 1.69 0.00	69.32 0.75 0.00	81.19 1.59 0.00	83.04 2.03 0.00	82.95 3.42 0.00	76.45 1.57 0.00	63.41 1.43 0.00	56.61 1.86 0.00	49.20 1.53 0.00
BAYONEEC___CTG1 323682	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BAYONEEC___CTG10 323750	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BAYONEEC___CTG2 323683	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BAYONEEC___CTG3 323684	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BAYONEEC___CTG4 323685	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BAYONEEC___CTG5 323686	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BAYONEEC___CTG6 323687	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BAYONEEC___CTG7 323688	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00

BAYONEEC___CTG8 323689	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BAYONEEC___CTG9 323749	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.22 0.00	29.92 1.07 0.00	34.00 1.15 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.58 3.01 0.00	83.65 4.06 0.00	84.57 3.56 0.00	82.63 3.10 0.00	76.97 2.09 0.00	62.85 0.87 0.00	55.95 1.20 0.00	48.72 1.05 0.00
BEACON___LESR 323632	37.95 0.71 0.00	34.38 0.64 0.00	31.49 0.71 0.00	29.16 0.66 0.00	29.43 0.58 0.00	33.40 0.56 0.00	36.67 0.44 0.00	39.23 0.62 0.00	37.79 0.63 0.00	37.05 0.58 0.00	41.11 0.65 0.00	45.22 0.58 0.26	47.90 0.47 0.03	51.54 0.36 0.00	53.03 0.37 0.00	56.82 0.40 0.00	69.32 0.76 0.00	81.34 1.75 0.00	82.55 1.54 0.00	80.97 1.43 0.00	75.78 0.90 0.00	62.42 0.44 0.00	54.97 0.22 0.00	47.86 0.19 0.00
BEAVER RIVER___HYD 24048	38.47 1.23 0.00	34.82 1.08 0.00	31.74 0.96 0.00	29.44 0.94 0.00	29.80 0.95 0.00	34.09 1.25 0.00	37.79 1.56 0.00	40.12 1.50 0.00	38.16 1.00 0.00	37.30 0.84 0.00	41.23 0.77 0.00	45.93 1.03 0.00	48.55 1.09 0.00	52.66 1.49 0.00	54.08 1.42 0.00	58.00 1.58 0.00	70.35 1.78 0.00	82.30 2.71 0.00	84.90 3.89 0.00	84.23 4.69 0.00	79.37 4.49 0.00	66.83 4.03 -0.81	60.68 3.17 -2.75	52.75 2.72 -2.36
BEEBEE_GT_13 23619	38.03 0.78 0.00	34.76 1.01 0.00	31.74 0.95 0.00	29.33 0.83 0.00	29.57 0.72 0.00	32.78 -0.07 0.00	35.87 -0.36 0.00	37.96 -0.66 0.00	36.41 -0.74 0.00	35.88 -0.58 0.00	39.86 -0.61 0.00	44.85 -0.04 0.00	47.36 -0.09 0.00	51.69 0.51 0.00	53.60 0.95 0.00	57.78 1.35 0.00	69.53 0.96 0.00	81.19 1.59 0.00	82.79 1.78 0.00	82.00 2.47 0.00	76.15 1.27 0.00	63.04 1.05 0.00	55.79 1.04 0.00	48.43 0.76 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.52 2.27 0.00	35.63 1.89 0.00	32.48 1.69 0.00	30.04 1.54 0.00	30.24 1.38 0.00	34.36 1.51 0.00	37.83 1.59 0.00	40.70 2.09 0.00	39.72 2.56 0.00	39.16 2.70 0.00	43.62 3.16 0.00	48.08 2.87 -0.31	50.43 2.94 -0.04	53.99 2.81 0.00	55.45 2.79 0.00	58.85 2.43 0.00	71.86 3.29 0.00	84.05 4.46 0.00	85.22 4.21 0.00	83.11 3.58 0.00	77.42 2.55 0.00	63.23 1.24 0.00	56.33 1.59 0.00	49.34 1.67 0.00
BETHLEHEM___GRP 23843	37.36 0.11 0.00	33.88 0.13 0.00	31.09 0.31 0.00	28.81 0.31 0.00	29.06 0.20 0.00	32.98 0.13 0.00	36.16 -0.07 0.00	38.73 0.12 0.00	37.38 0.22 0.00	36.57 0.11 0.00	40.55 0.08 0.00	44.52 -0.13 0.24	47.28 -0.14 0.03	50.77 -0.41 0.00	52.18 -0.47 0.00	55.80 -0.62 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	81.17 0.16 0.00	79.37 -0.16 0.00	74.28 -0.60 0.00	61.24 -0.74 0.00	53.98 -0.77 0.00	47.15 -0.52 0.00
BETHLEHEM___GS1 323560	37.36 0.11 0.00	33.88 0.14 0.00	31.09 0.31 0.00	28.81 0.31 0.00	29.06 0.20 0.00	32.95 0.10 0.00	36.16 -0.07 0.00	38.73 0.12 0.00	37.31 0.15 0.00	36.57 0.11 0.00	40.55 0.08 0.00	44.52 -0.13 0.24	47.19 -0.24 0.03	50.77 -0.41 0.00	52.18 -0.47 0.00	55.86 -0.56 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	80.85 -0.16 0.00	79.38 -0.16 0.00	74.28 -0.60 0.00	61.24 -0.74 0.00	53.98 -0.77 0.00	47.05 -0.62 0.00
BETHLEHEM___GS2 323561	37.36 0.11 0.00	33.88 0.14 0.00	31.09 0.31 0.00	28.81 0.31 0.00	29.06 0.20 0.00	32.95 0.10 0.00	36.16 -0.07 0.00	38.73 0.12 0.00	37.31 0.15 0.00	36.57 0.11 0.00	40.55 0.08 0.00	44.52 -0.13 0.24	47.19 -0.24 0.03	50.77 -0.41 0.00	52.18 -0.47 0.00	55.86 -0.56 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	80.85 -0.16 0.00	79.38 -0.16 0.00	74.28 -0.60 0.00	61.24 -0.74 0.00	53.98 -0.77 0.00	47.05 -0.62 0.00
BETHLEHEM___GS3 323562	37.36 0.11 0.00	33.88 0.14 0.00	31.09 0.31 0.00	28.81 0.31 0.00	29.06 0.20 0.00	32.95 0.10 0.00	36.16 -0.07 0.00	38.73 0.12 0.00	37.31 0.15 0.00	36.57 0.11 0.00	40.55 0.08 0.00	44.52 -0.13 0.24	47.19 -0.24 0.03	50.77 -0.41 0.00	52.18 -0.47 0.00	55.86 -0.56 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	80.85 -0.16 0.00	79.38 -0.16 0.00	74.28 -0.60 0.00	61.24 -0.74 0.00	53.98 -0.77 0.00	47.05 -0.62 0.00
BETHLEHEM___STEEL 23779	38.18 0.93 0.00	35.03 1.28 0.00	31.99 1.20 0.00	29.50 1.00 0.00	29.69 0.84 0.00	32.32 -0.53 0.00	34.97 -1.27 0.00	36.84 -1.78 0.00	35.41 -1.75 0.00	35.12 -1.35 0.00	38.77 -1.70 0.00	44.09 -0.81 0.00	46.27 -1.19 0.00	50.87 -0.31 0.00	53.02 0.37 0.00	57.22 0.79 0.00	67.81 -0.75 0.00	79.28 -0.32 0.00	80.69 -0.32 0.00	80.73 1.19 0.00	73.98 -0.90 0.00	61.68 -0.31 0.00	55.46 0.71 0.00	48.20 0.52 0.00
BETHLHEM_115KV_TB1 79974	37.47 0.22 0.00	33.98 0.24 0.00	31.16 0.37 0.00	28.87 0.37 0.00	29.11 0.26 0.00	33.04 0.20 0.00	36.27 0.04 0.00	38.81 0.19 0.00	37.45 0.30 0.00	36.68 0.22 0.00	40.67 0.20 0.00	44.67 0.00 0.23	47.43 0.00 0.03	50.92 -0.26 0.00	52.34 -0.32 0.00	55.97 -0.45 0.00	68.29 -0.27 0.00	79.83 0.24 0.00	81.34 0.32 0.00	79.53 0.00 0.00	74.43 -0.45 0.00	61.37 -0.62 0.00	54.14 -0.60 0.00	47.29 -0.38 0.00
BETHPAGE_CC_5 323564	39.48 2.23 0.00	35.67 1.92 0.00	32.42 1.63 0.00	29.84 1.34 0.00	30.06 1.21 0.00	34.33 1.48 0.00	37.61 1.38 0.00	40.66 2.05 0.00	39.57 2.41 0.00	39.02 2.55 0.00	43.55 3.07 -0.01	47.50 2.29 -0.31	49.25 1.76 -0.04	52.71 1.53 0.00	54.39 1.74 0.00	58.45 2.03 0.00	70.96 2.40 0.00	83.41 3.82 0.00	84.26 3.24 0.00	81.51 1.99 0.01	69.23 0.97 6.62	62.03 0.06 0.01	49.95 -0.05 4.75	47.29 -0.38 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.18 0.93 0.00	34.99 1.25 0.00	31.96 1.17 0.00	29.50 1.00 0.00	29.66 0.81 0.00	32.29 -0.56 0.00	35.00 -1.23 0.00	36.88 -1.74 0.00	35.45 -1.71 0.00	35.19 -1.28 0.00	38.85 -1.62 0.00	44.18 -0.72 0.00	46.36 -1.09 0.00	50.97 -0.20 0.00	53.13 0.47 0.00	57.33 0.90 0.00	67.95 -0.62 0.00	79.44 -0.16 0.00	80.93 -0.08 0.00	80.89 1.35 0.00	74.05 -0.82 0.00	61.80 -0.19 0.00	55.57 0.82 0.00	48.24 0.57 0.00
BINGHAMTON___COGEN 23790	37.73 0.48 0.00	34.28 0.54 0.00	31.31 0.52 0.00	28.96 0.46 0.00	29.26 0.40 0.00	32.88 0.03 0.00	36.16 -0.07 0.00	38.46 -0.15 0.00	36.93 -0.22 0.00	36.32 -0.15 0.00	40.26 -0.20 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.54 0.36 0.00	53.18 0.53 0.00	57.16 0.73 0.00	69.25 0.69 0.00	80.87 1.27 0.00	82.55 1.54 0.00	81.52 1.99 0.00	75.85 0.97 0.00	62.67 0.68 0.00	55.40 0.66 0.00	48.01 0.33 0.00

BIXINCNT_115KV_LOAD 355685	38.06 0.82 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.36 0.86 0.00	29.55 0.69 0.00	32.22 -0.62 0.00	35.11 -1.12 0.00	37.07 -1.54 0.00	35.67 -1.49 0.00	35.37 -1.09 0.00	39.05 -1.42 0.00	44.45 -0.45 0.00	46.60 -0.85 0.00	51.23 0.05 0.00	53.34 0.68 0.00	57.67 1.24 0.00	68.15 -0.41 0.00	79.59 0.00 0.00	81.09 0.08 0.00	81.04 1.51 0.00	74.05 -0.82 0.00	61.86 -0.12 0.00	55.73 0.99 0.00	48.20 0.52 0.00
BLACK RIVER___HYD 24047	38.92 1.68 0.00	35.26 1.52 0.00	32.14 1.35 0.00	29.81 1.31 0.00	30.18 1.33 0.00	34.46 1.61 0.00	38.16 1.92 0.00	40.47 1.85 0.00	38.34 1.19 0.00	37.41 0.95 0.00	41.35 0.89 0.00	46.15 1.26 0.00	48.78 1.33 0.00	53.02 1.84 0.00	54.45 1.79 0.00	58.51 2.09 0.00	71.10 2.54 0.00	83.49 3.90 0.00	86.60 5.59 0.00	86.22 6.68 0.00	81.09 6.21 0.00	67.76 5.21 -0.56	60.70 4.05 -1.90	52.69 3.39 -1.63
BLACKRVR_115KV_TB2 79977	38.92 1.68 0.00	35.26 1.52 0.00	32.14 1.35 0.00	29.81 1.31 0.00	30.18 1.33 0.00	34.46 1.61 0.00	38.16 1.92 0.00	40.47 1.85 0.00	38.31 1.15 0.00	37.41 0.95 0.00	41.36 0.89 0.00	46.11 1.21 0.00	48.73 1.28 0.00	52.97 1.79 0.00	54.45 1.79 0.00	58.51 2.09 0.00	71.10 2.54 0.00	83.49 3.90 0.00	86.36 5.35 0.00	86.21 6.68 0.00	81.09 6.21 0.00	67.76 5.21 -0.57	60.72 4.05 -1.93	52.57 3.24 -1.65
BLDWN_LI_69_KV_BK4 356085	39.67 2.42 0.00	35.73 1.99 0.00	32.48 1.69 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.39 1.54 0.00	37.69 1.45 0.00	40.82 2.20 0.00	39.83 2.68 0.00	39.16 2.70 0.00	43.82 3.36 0.00	48.31 3.10 -0.31	50.62 3.13 -0.04	53.74 2.56 0.00	54.87 2.21 0.00	58.74 2.31 0.00	71.72 3.15 0.00	84.37 4.78 0.00	85.31 4.29 0.00	82.47 2.94 0.01	72.72 1.87 4.03	62.91 0.93 0.01	52.62 0.77 2.89	49.15 1.48 0.00
BLISS_WT_PWR 323608	38.06 0.82 0.00	34.82 1.08 0.00	31.83 1.05 0.00	29.35 0.85 0.00	29.54 0.69 0.00	32.26 -0.59 0.00	35.11 -1.12 0.00	37.07 -1.55 0.00	35.93 -1.23 0.00	35.37 -1.09 0.00	39.25 -1.21 0.00	44.45 -0.45 0.00	47.60 0.14 0.00	51.33 0.15 0.00	53.29 0.63 0.00	57.44 1.02 0.00	68.16 -0.41 0.00	79.67 0.08 0.00	83.28 2.27 0.00	81.04 1.51 0.00	74.06 -0.82 0.00	61.86 -0.12 0.00	55.73 0.99 0.00	49.01 1.33 0.00
BLUESTONE___WT_PWR 323821	39.22 1.97 0.00	35.56 1.82 0.00	32.48 1.69 0.00	30.07 1.57 0.00	30.41 1.56 0.00	34.36 1.51 0.00	37.94 1.70 0.00	40.40 1.78 0.00	38.42 1.26 0.00	37.56 1.09 0.00	41.56 1.09 0.00	46.43 1.48 -0.06	49.26 1.80 -0.01	53.63 2.46 0.00	55.34 2.68 0.00	59.64 3.21 0.00	72.61 4.04 0.00	85.25 5.65 0.00	88.06 7.04 0.00	86.61 7.08 0.00	80.57 5.69 0.00	66.39 4.40 0.00	58.25 3.51 0.00	50.63 2.96 0.00
BLUE_CIRC_CHEM_DRP 24182	37.95 0.71 0.00	34.38 0.64 0.00	31.49 0.71 0.00	29.18 0.68 0.00	29.46 0.61 0.00	33.41 0.56 0.00	36.64 0.40 0.00	39.08 0.46 0.00	37.60 0.45 0.00	36.79 0.33 0.00	40.79 0.32 0.00	44.91 0.18 0.16	47.62 0.19 0.02	50.97 -0.20 0.00	52.45 -0.21 0.00	56.14 -0.28 0.00	67.26 -1.30 0.00	78.72 -0.88 0.00	80.36 -0.65 0.00	78.74 -0.80 0.00	73.90 -0.97 0.00	60.99 -0.99 0.00	53.76 -0.99 0.00	47.15 -0.52 0.00
BOC_GAS_DRP 24189	37.69 0.45 0.00	34.15 0.40 0.00	31.28 0.49 0.00	28.99 0.48 0.00	29.26 0.40 0.00	33.21 0.36 0.00	36.45 0.22 0.00	39.00 0.39 0.00	37.64 0.48 0.00	36.90 0.44 0.00	40.95 0.49 0.00	45.10 0.36 0.16	47.81 0.38 0.02	51.33 0.15 0.00	52.71 0.05 0.00	56.43 0.00 0.00	68.70 0.14 0.00	80.15 0.56 0.00	81.66 0.65 0.00	79.85 0.32 0.00	74.80 -0.07 0.00	61.74 -0.25 0.00	54.47 -0.27 0.00	47.62 -0.05 0.00
BOONVILLE_115KV_TB1 79983	38.25 1.01 0.00	34.65 0.91 0.00	31.65 0.86 0.00	29.33 0.83 0.00	29.69 0.84 0.00	33.80 0.95 0.00	37.36 1.12 0.00	39.74 1.12 0.00	37.94 0.78 0.00	37.12 0.66 0.00	41.11 0.65 0.00	45.75 0.85 0.00	48.40 0.95 0.00	52.46 1.28 0.00	53.97 1.32 0.00	57.95 1.52 0.00	70.69 2.13 0.00	82.62 3.02 0.00	84.66 3.65 0.00	83.67 4.14 0.00	78.55 3.67 0.00	65.27 2.98 -0.31	58.16 2.35 -1.05	50.48 1.91 -0.90
BORALEX_4TH_BRANCH 23824	38.77 1.53 0.00	35.09 1.35 0.00	32.08 1.29 0.00	29.70 1.20 0.00	29.98 1.13 0.00	34.00 1.15 0.00	37.32 1.09 0.00	39.97 1.35 0.00	38.57 1.41 0.00	37.67 1.20 0.00	41.84 1.38 0.00	45.47 1.21 0.64	48.66 1.28 0.08	52.51 1.33 0.00	53.97 1.32 0.00	57.84 1.41 0.00	70.83 2.26 0.00	83.18 3.58 0.00	84.90 3.89 0.00	82.87 3.34 0.00	77.35 2.47 0.00	63.72 1.74 0.00	56.06 1.31 0.00	48.67 1.00 0.00
BOWLINE___1 23526	38.66 1.41 0.00	34.89 1.15 0.00	31.83 1.05 0.00	29.47 0.97 0.00	29.69 0.84 0.00	33.73 0.89 0.00	37.14 0.91 0.00	40.01 1.39 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.45 1.98 0.00	47.08 1.89 -0.29	49.39 1.90 -0.04	53.07 1.89 0.00	54.39 1.74 0.00	58.18 1.75 0.00	70.96 2.40 0.00	83.01 3.42 0.00	84.01 3.00 0.00	82.15 2.62 0.00	76.52 1.65 0.00	62.67 0.68 0.00	55.51 0.77 0.00	48.29 0.62 0.00
BOWLINE___2 23595	38.66 1.41 0.00	34.89 1.15 0.00	31.83 1.05 0.00	29.47 0.97 0.00	29.69 0.84 0.00	33.73 0.89 0.00	37.14 0.91 0.00	40.01 1.39 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.45 1.98 0.00	47.08 1.89 -0.29	49.39 1.90 -0.04	53.02 1.84 0.00	54.34 1.68 0.00	58.06 1.64 0.00	70.90 2.33 0.00	82.86 3.26 0.00	83.85 2.83 0.00	82.00 2.47 0.00	76.38 1.50 0.00	62.54 0.56 0.00	55.41 0.66 0.00	48.20 0.53 0.00
BRADY___115KV_TB2 356060	37.84 0.60 0.00	34.15 0.40 0.00	31.06 0.28 0.00	28.79 0.29 0.00	29.23 0.38 0.00	33.70 0.85 0.00	37.61 1.38 0.00	39.97 1.35 0.00	38.16 1.00 0.00	37.38 0.91 0.00	41.36 0.89 0.00	45.98 1.08 0.00	48.64 1.19 0.00	52.51 1.33 0.00	53.87 1.21 0.00	57.55 1.13 0.00	69.25 0.69 0.00	79.99 0.40 0.00	81.66 0.65 0.00	80.73 1.19 0.00	77.12 2.25 0.00	67.46 2.60 -2.87	66.92 2.46 -9.71	58.24 2.24 -8.33
BRANSCOMB___SOLAR 323811	38.77 1.53 0.00	35.09 1.35 0.00	32.05 1.26 0.00	29.64 1.14 0.00	29.98 1.12 0.00	34.03 1.18 0.00	37.36 1.12 0.00	39.82 1.20 0.00	38.19 1.04 0.00	37.38 0.91 0.00	41.32 0.85 0.00	45.42 0.85 0.33	48.27 0.86 0.04	52.20 1.02 0.00	53.76 1.11 0.00	57.72 1.30 0.00	70.62 2.06 0.00	83.18 3.59 0.00	85.06 4.05 0.00	83.75 4.21 0.00	78.55 3.67 0.00	64.71 2.72 0.00	56.88 2.13 0.00	49.29 1.62 0.00
BRDGHMPT_69_KV_BK1 55812	40.67 3.43 0.00	36.58 2.83 0.00	33.19 2.40 0.00	30.52 2.02 0.00	30.73 1.88 0.00	35.15 2.30 0.00	38.34 2.10 0.00	41.75 3.13 0.00	40.98 3.83 0.00	40.26 3.79 0.00	45.28 4.82 0.00	50.10 4.89 -0.31	52.57 5.08 -0.04	55.83 4.66 0.00	56.87 4.21 0.00	61.05 4.63 0.00	74.80 6.24 0.00	88.43 8.83 0.00	89.19 8.18 0.00	85.56 6.04 0.02	71.02 4.27 8.13	64.70 2.73 0.02	50.78 1.86 5.83	50.53 2.86 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	39.96 2.72 0.00	35.97 2.23 0.00	32.69 1.91 0.00	30.10 1.60 0.00	30.30 1.44 0.00	34.62 1.77 0.00	37.87 1.63 0.00	41.13 2.51 0.00	40.20 3.05 0.00	39.49 3.03 0.00	44.23 3.76 0.00	48.62 3.41 -0.31	50.77 3.27 -0.04	53.63 2.46 0.00	54.50 1.84 0.00	58.34 1.92 0.00	71.17 2.61 0.00	83.65 4.06 0.00	84.58 3.56 0.00	81.35 1.83 0.02	68.02 1.12 7.98	62.34 0.37 0.02	49.30 0.27 5.72	49.20 1.53 0.00
BRISTLHL_115KV_TB1 79998	36.72 -0.52 0.00	33.51 -0.24 0.00	30.60 -0.18 0.00	28.30 -0.20 0.00	28.59 -0.26 0.00	32.35 -0.49 0.00	35.66 -0.58 0.00	37.81 -0.81 0.00	36.30 -0.85 0.00	35.63 -0.84 0.00	39.58 -0.89 0.00	44.09 -0.81 0.00	46.50 -0.95 0.00	50.36 -0.82 0.00	51.92 -0.74 0.00	55.75 -0.68 0.00	67.74 -0.82 0.00	79.04 -0.56 0.00	80.69 -0.32 0.00	79.45 -0.08 0.00	74.28 -0.60 0.00	61.37 -0.62 0.00	54.09 -0.66 0.00	46.86 -0.81 0.00
BROOKHAVEN___DRP 24191	39.48 2.23 0.00	35.50 1.75 0.00	32.23 1.45 0.00	29.70 1.20 0.00	29.92 1.07 0.00	34.16 1.31 0.00	37.36 1.12 0.00	40.63 2.01 0.00	39.72 2.56 0.00	39.02 2.55 0.00	43.70 3.24 0.00	48.08 2.87 -0.31	50.24 2.75 -0.04	53.22 2.05 0.00	54.08 1.42 0.00	57.84 1.41 0.00	70.76 2.19 0.00	83.57 3.98 0.00	84.41 3.40 0.00	81.19 1.67 0.02	67.35 0.60 8.13	61.78 -0.19 0.02	48.59 -0.33 5.83	48.63 0.95 0.00
BROOKLYN_NAVY_YARD 23515	39.00 1.75 0.00	35.19 1.45 0.00	32.11 1.32 0.00	29.70 1.20 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.39 2.23 0.00	38.80 2.34 0.00	43.09 2.63 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.63 2.46 0.00	55.08 2.42 0.00	58.79 2.37 0.00	71.72 3.16 0.00	83.81 4.22 0.00	84.74 3.73 0.00	82.80 3.26 0.00	77.05 2.17 0.00	62.92 0.93 0.00	56.01 1.26 0.00	48.77 1.10 0.00
BROOKLYN___ARMY_DRP 323595	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
BROOME_2_LFGE 323671	37.73 0.48 0.00	34.28 0.54 0.00	31.31 0.52 0.00	28.96 0.45 0.00	29.26 0.40 0.00	32.88 0.03 0.00	36.16 -0.07 0.00	38.46 -0.15 0.00	36.97 -0.18 0.00	36.32 -0.15 0.00	40.30 -0.16 0.00	44.94 0.04 0.00	47.64 0.19 0.00	51.54 0.36 0.00	53.18 0.53 0.00	57.10 0.68 0.00	69.25 0.69 0.00	80.95 1.35 0.00	83.11 2.10 0.00	81.52 1.99 0.00	75.85 0.97 0.00	62.67 0.68 0.00	55.41 0.66 0.00	48.20 0.53 0.00
BROOME___LFGE 323600	37.73 0.48 0.00	34.28 0.54 0.00	31.31 0.52 0.00	28.96 0.45 0.00	29.26 0.40 0.00	32.88 0.03 0.00	36.16 -0.07 0.00	38.46 -0.15 0.00	36.97 -0.18 0.00	36.32 -0.15 0.00	40.30 -0.16 0.00	44.94 0.04 0.00	47.64 0.19 0.00	51.54 0.36 0.00	53.18 0.53 0.00	57.10 0.68 0.00	69.25 0.69 0.00	80.95 1.35 0.00	83.11 2.10 0.00	81.52 1.99 0.00	75.85 0.97 0.00	62.67 0.68 0.00	55.41 0.66 0.00	48.20 0.53 0.00
BROWNFLS_115KV_TB 3_5 80003	38.06 0.82 0.00	34.42 0.67 0.00	31.34 0.55 0.00	29.04 0.54 0.00	29.46 0.61 0.00	33.83 0.99 0.00	37.65 1.41 0.00	40.01 1.39 0.00	38.12 0.97 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.93 1.03 0.00	48.59 1.14 0.00	52.61 1.43 0.00	53.92 1.26 0.00	57.67 1.24 0.00	69.59 1.03 0.00	80.95 1.35 0.00	82.96 1.94 0.00	82.24 2.70 0.00	77.95 3.07 0.00	66.58 3.10 -1.49	62.47 2.68 -5.04	54.34 2.34 -4.33
BROWNSV1_27_KV_LOAD 356125	39.37 2.12 0.00	35.53 1.79 0.00	32.42 1.63 0.00	29.98 1.48 0.00	30.15 1.30 0.00	34.26 1.41 0.00	37.79 1.56 0.00	40.78 2.16 0.00	39.72 2.56 0.00	39.13 2.66 0.00	43.58 3.12 0.00	48.26 3.05 -0.31	50.72 3.23 -0.04	54.30 3.12 0.00	55.66 3.00 0.00	59.42 2.99 0.00	72.54 3.98 0.00	84.77 5.17 0.00	85.87 4.86 0.00	83.75 4.22 0.00	78.02 3.14 0.00	63.72 1.74 0.00	56.61 1.86 0.00	49.53 1.86 0.00
BURROWS___LYONSDAL 23803	38.29 1.04 0.00	34.69 0.94 0.00	31.65 0.86 0.00	29.33 0.83 0.00	29.72 0.87 0.00	33.86 1.02 0.00	37.43 1.20 0.00	39.82 1.20 0.00	37.97 0.82 0.00	37.16 0.69 0.00	41.11 0.65 0.00	45.75 0.85 0.00	48.40 0.95 0.00	52.46 1.28 0.00	53.97 1.32 0.00	57.95 1.52 0.00	70.62 2.06 0.00	82.54 2.94 0.00	84.74 3.73 0.00	83.83 4.29 0.00	78.77 3.89 0.00	65.62 3.22 -0.41	58.66 2.52 -1.40	50.92 2.05 -1.20
CAITHNESS_CC_1 323624	39.48 2.23 0.00	35.53 1.79 0.00	32.23 1.45 0.00	29.70 1.20 0.00	29.92 1.07 0.00	34.16 1.32 0.00	37.36 1.12 0.00	40.63 2.01 0.00	39.61 2.45 0.00	39.02 2.55 0.00	43.63 3.16 -0.01	47.59 2.38 -0.31	49.11 1.61 -0.04	52.51 1.33 0.00	54.29 1.63 0.00	58.45 2.03 0.00	70.62 2.06 0.00	83.26 3.66 0.00	83.92 2.91 0.00	80.95 1.43 0.02	67.12 0.38 8.13	61.60 -0.37 0.02	48.47 -0.44 5.83	46.86 -0.81 0.00
CALPINE BETH_PAGE_GT4 24209	39.44 2.20 0.00	35.57 1.82 0.00	32.33 1.54 0.00	29.78 1.28 0.00	30.01 1.15 0.00	34.26 1.41 0.00	37.54 1.30 0.00	40.63 2.01 0.00	39.65 2.49 0.00	38.98 2.52 0.00	43.50 3.03 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.17 2.00 0.00	54.24 1.58 0.00	58.06 1.64 0.00	70.97 2.40 0.00	83.49 3.90 0.00	84.41 3.40 0.00	81.51 1.99 0.01	69.90 0.97 5.95	62.04 0.06 0.01	50.48 0.00 4.27	48.53 0.86 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.44 2.20 0.00	35.56 1.82 0.00	32.32 1.54 0.00	29.78 1.28 0.00	30.01 1.16 0.00	34.26 1.41 0.00	37.54 1.30 0.00	40.63 2.01 0.00	39.57 2.41 0.00	38.98 2.51 0.00	43.47 2.99 -0.01	47.45 2.24 -0.31	49.25 1.76 -0.04	52.71 1.53 0.00	54.39 1.74 0.00	58.45 2.03 0.00	70.96 2.40 0.00	83.41 3.82 0.00	84.26 3.24 0.00	81.51 1.99 0.01	69.90 0.97 5.95	62.04 0.06 0.01	50.48 0.00 4.27	47.29 -0.38 0.00
CALPINE_BP_GT1 23823	39.44 2.20 0.00	35.56 1.82 0.00	32.32 1.54 0.00	29.78 1.28 0.00	30.01 1.16 0.00	34.26 1.41 0.00	37.54 1.30 0.00	40.63 2.01 0.00	39.57 2.41 0.00	38.98 2.51 0.00	43.47 2.99 -0.01	47.45 2.24 -0.31	49.25 1.76 -0.04	52.71 1.53 0.00	54.39 1.74 0.00	58.45 2.03 0.00	70.96 2.40 0.00	83.41 3.82 0.00	84.26 3.24 0.00	81.51 1.99 0.01	69.90 0.97 5.95	62.04 0.06 0.01	50.48 0.00 4.27	47.29 -0.38 0.00
CALSPAN___DRP 24200	38.18 0.93 0.00	35.03 1.28 0.00	31.99 1.20 0.00	29.50 1.00 0.00	29.69 0.84 0.00	32.32 -0.53 0.00	34.97 -1.27 0.00	36.84 -1.78 0.00	35.41 -1.75 0.00	35.12 -1.35 0.00	38.77 -1.70 0.00	44.09 -0.81 0.00	46.27 -1.19 0.00	50.87 -0.31 0.00	53.02 0.37 0.00	57.22 0.79 0.00	67.81 -0.75 0.00	79.28 -0.32 0.00	80.69 -0.32 0.00	80.73 1.19 0.00	73.98 -0.90 0.00	61.68 -0.31 0.00	55.46 0.71 0.00	48.20 0.52 0.00

CALVERTON___SOLAR 323806	39.56 2.31 0.00	35.56 1.82 0.00	32.29 1.51 0.00	29.73 1.22 0.00	29.95 1.10 0.00	34.23 1.38 0.00	37.40 1.16 0.00	40.66 2.05 0.00	39.68 2.53 0.00	39.09 2.63 0.00	43.71 3.24 -0.01	47.77 2.56 -0.31	49.29 1.80 -0.04	52.82 1.64 0.00	54.61 1.95 0.00	58.85 2.42 0.00	71.10 2.54 0.00	83.97 4.37 0.00	84.66 3.65 0.00	81.58 2.06 0.02	67.72 0.97 8.13	62.03 0.06 0.02	48.75 -0.16 5.83	47.05 -0.62 0.00
CANDIGU_WT_PWR 323617	38.10 0.86 0.00	34.76 1.01 0.00	31.74 0.96 0.00	29.30 0.80 0.00	29.57 0.72 0.00	32.72 -0.13 0.00	35.76 -0.47 0.00	37.73 -0.89 0.00	36.15 -1.00 0.00	35.44 -1.02 0.00	39.29 -1.17 0.00	44.18 -0.72 0.00	46.93 -0.52 0.00	50.82 -0.36 0.00	52.60 -0.05 0.00	56.65 0.23 0.00	68.09 -0.48 0.00	79.83 0.24 0.00	83.04 2.03 0.00	81.60 2.06 0.00	75.33 0.45 0.00	62.54 0.56 0.00	55.62 0.87 0.00	48.67 1.00 0.00
CARR STREET_E_SYR 24060	36.80 -0.45 0.00	33.64 -0.10 0.00	30.82 0.03 0.00	28.47 -0.03 0.00	28.80 -0.06 0.00	32.52 -0.33 0.00	35.76 -0.47 0.00	37.81 -0.81 0.00	36.37 -0.78 0.00	35.70 -0.77 0.00	39.66 -0.81 0.00	44.18 -0.72 0.00	46.79 -0.66 0.00	50.62 -0.56 0.00	52.18 -0.47 0.00	56.03 -0.39 0.00	68.01 -0.55 0.00	79.36 -0.24 0.00	81.26 0.24 0.00	79.77 0.24 0.00	74.51 -0.37 0.00	61.49 -0.50 0.00	54.20 -0.55 0.00	47.15 -0.52 0.00
CARTHAGE___PAPER 23857	38.66 1.41 0.00	34.99 1.25 0.00	31.89 1.11 0.00	29.58 1.08 0.00	29.98 1.12 0.00	34.29 1.44 0.00	38.01 1.78 0.00	40.36 1.74 0.00	38.27 1.11 0.00	37.38 0.91 0.00	41.32 0.85 0.00	46.02 1.12 0.00	48.69 1.23 0.00	52.82 1.64 0.00	54.23 1.58 0.00	58.18 1.75 0.00	70.69 2.13 0.00	82.86 3.26 0.00	85.63 4.62 0.00	85.18 5.65 0.00	80.27 5.39 0.00	67.35 4.71 -0.66	60.65 3.67 -2.23	52.68 3.10 -1.91
CASSADAGA_WT_PWR 323784	38.81 1.56 0.00	35.50 1.75 0.00	32.45 1.66 0.00	29.92 1.42 0.00	30.12 1.27 0.00	32.88 0.03 0.00	35.98 -0.25 0.00	38.00 -0.62 0.00	36.82 -0.34 0.00	36.36 -0.11 0.00	40.30 -0.16 0.00	45.75 0.85 0.00	49.02 1.56 0.00	52.82 1.64 0.00	54.82 2.16 0.00	59.08 2.65 0.00	70.07 1.51 0.00	81.50 1.91 0.00	85.30 4.29 0.00	83.03 3.50 0.00	75.85 0.97 0.00	63.35 1.36 0.00	56.94 2.19 0.00	50.01 2.34 0.00
CE_DUNWOOD___DRP 24194	38.85 1.60 0.00	35.06 1.32 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.83 0.98 0.00	33.90 1.05 0.00	37.32 1.09 0.00	40.24 1.62 0.00	39.13 1.97 0.00	38.43 1.97 0.00	42.81 2.35 0.00	47.45 2.24 -0.31	49.91 2.42 -0.04	53.43 2.25 0.00	54.76 2.11 0.00	58.51 2.09 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.74 3.73 0.00	82.64 3.10 0.00	76.97 2.10 0.00	62.98 0.99 0.00	55.79 1.04 0.00	48.82 1.14 0.00
CE_MILLWOOD___DRP 24193	38.77 1.53 0.00	35.03 1.28 0.00	31.96 1.17 0.00	29.56 1.05 0.00	29.81 0.95 0.00	33.83 0.99 0.00	37.25 1.01 0.00	40.12 1.51 0.00	38.98 1.82 0.00	38.32 1.86 0.00	42.65 2.19 0.00	47.32 2.11 -0.31	49.77 2.28 -0.04	53.28 2.10 0.00	54.66 2.00 0.00	58.34 1.92 0.00	71.31 2.74 0.00	83.42 3.82 0.00	84.58 3.56 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	55.68 0.93 0.00	48.72 1.05 0.00
CE_NYC2_DRP 24202	39.26 2.01 0.00	35.43 1.69 0.00	32.33 1.54 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.94 2.48 0.00	43.38 2.91 0.00	47.86 2.65 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.46 2.03 0.00	71.31 2.74 0.00	83.42 3.82 0.00	84.50 3.48 0.00	82.40 2.86 0.00	76.75 1.87 0.00	62.67 0.68 0.00	55.95 1.20 0.00	49.05 1.38 0.00
CE_NYC_DRP 24195	39.07 1.83 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.54 1.30 0.00	40.51 1.89 0.00	39.42 2.27 0.00	38.84 2.37 0.00	43.22 2.75 0.00	47.86 2.65 -0.31	50.29 2.80 -0.04	53.84 2.66 0.00	55.18 2.53 0.00	58.91 2.48 0.00	71.86 3.29 0.00	83.97 4.38 0.00	85.06 4.05 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.10 1.12 0.00	56.06 1.31 0.00	49.10 1.43 0.00
CHAFFEE___LFGE 323603	38.21 0.97 0.00	35.03 1.28 0.00	32.02 1.23 0.00	29.53 1.02 0.00	29.69 0.84 0.00	32.35 -0.49 0.00	35.04 -1.19 0.00	36.92 -1.70 0.00	35.78 -1.37 0.00	35.23 -1.24 0.00	39.09 -1.38 0.00	44.27 -0.63 0.00	47.41 -0.05 0.00	51.18 0.00 0.00	53.13 0.47 0.00	57.21 0.79 0.00	68.09 -0.48 0.00	79.59 0.00 0.00	83.36 2.35 0.00	81.12 1.59 0.00	74.20 -0.68 0.00	61.92 -0.06 0.00	55.68 0.93 0.00	49.15 1.48 0.00
CHATEAUG_35_KV_LOAD 355732	36.84 -0.41 0.00	33.27 -0.47 0.00	30.32 -0.46 0.00	28.13 -0.37 0.00	28.62 -0.23 0.00	33.01 0.16 0.00	36.71 0.47 0.00	39.16 0.54 0.00	37.60 0.45 0.00	36.90 0.44 0.00	40.87 0.40 0.00	45.30 0.40 0.00	47.93 0.47 0.00	51.59 0.41 0.00	53.02 0.37 0.00	56.82 0.39 0.00	68.77 0.21 0.00	79.20 -0.40 0.00	80.61 -0.41 0.00	79.37 -0.16 0.00	75.70 0.82 0.00	63.31 0.99 -0.33	56.79 0.93 -1.12	49.49 0.86 -0.96
CHATEAUG_WT_PWR 323614	36.80 -0.45 0.00	33.24 -0.51 0.00	30.29 -0.49 0.00	28.10 -0.40 0.00	28.59 -0.26 0.00	32.98 0.13 0.00	36.64 0.40 0.00	39.12 0.50 0.00	37.60 0.45 0.00	36.94 0.47 0.00	40.91 0.45 0.00	45.53 0.63 0.00	47.93 0.47 0.00	51.64 0.46 0.00	53.08 0.42 0.00	56.82 0.40 0.00	68.70 0.14 0.00	79.20 -0.40 0.00	80.53 -0.48 0.00	79.14 -0.40 0.00	75.41 0.53 0.00	62.92 0.80 -0.13	55.95 0.77 -0.44	48.77 0.72 -0.38
CHAT_HIGH_FALL_HYD 323578	36.84 -0.41 0.00	33.27 -0.47 0.00	30.32 -0.46 0.00	28.13 -0.37 0.00	28.62 -0.23 0.00	33.01 0.16 0.00	36.71 0.47 0.00	39.16 0.54 0.00	37.60 0.45 0.00	36.90 0.44 0.00	40.87 0.40 0.00	45.30 0.40 0.00	47.93 0.47 0.00	51.59 0.41 0.00	53.02 0.37 0.00	56.82 0.39 0.00	68.77 0.21 0.00	79.20 -0.40 0.00	80.61 -0.41 0.00	79.37 -0.16 0.00	75.70 0.82 0.00	63.31 0.99 -0.33	56.79 0.93 -1.12	49.49 0.86 -0.96
CHAUTAUQUA___LFGE 323629	38.55 1.30 0.00	35.30 1.55 0.00	32.23 1.45 0.00	29.75 1.25 0.00	29.95 1.10 0.00	32.65 -0.20 0.00	35.40 -0.83 0.00	37.34 -1.27 0.00	36.15 -1.00 0.00	35.74 -0.73 0.00	39.61 -0.85 0.00	44.90 0.00 0.00	48.02 0.57 0.00	51.79 0.62 0.00	53.76 1.11 0.00	57.89 1.46 0.00	68.91 0.34 0.00	80.71 1.11 0.00	84.41 3.40 0.00	82.24 2.71 0.00	75.25 0.38 0.00	62.79 0.80 0.00	56.39 1.64 0.00	49.63 1.96 0.00
CHERRYST_13_KV_LD 356241	39.18 1.94 0.00	35.36 1.62 0.00	32.26 1.48 0.00	29.87 1.37 0.00	30.04 1.18 0.00	34.13 1.28 0.00	37.65 1.41 0.00	40.67 2.05 0.00	39.61 2.45 0.00	39.02 2.55 0.00	43.42 2.95 0.00	48.08 2.87 -0.31	50.53 3.04 -0.04	54.09 2.92 0.00	55.45 2.79 0.00	59.19 2.76 0.00	72.20 3.63 0.00	84.37 4.78 0.00	85.39 4.37 0.00	83.27 3.74 0.00	77.57 2.70 0.00	63.35 1.36 0.00	56.28 1.53 0.00	49.25 1.57 0.00

CHESTROR_138KV_BK263 355645	38.44 1.19 0.00	34.72 0.98 0.00	31.71 0.92 0.00	29.33 0.83 0.00	29.57 0.72 0.00	33.57 0.72 0.00	36.96 0.72 0.00	39.74 1.12 0.00	38.46 1.30 0.00	37.81 1.35 0.00	42.04 1.58 0.00	46.69 1.53 -0.27	49.15 1.66 -0.03	52.71 1.54 0.00	54.13 1.47 0.00	57.89 1.47 0.00	70.69 2.13 0.00	82.70 3.10 0.00	84.01 3.00 0.00	82.08 2.55 0.00	76.45 1.57 0.00	62.73 0.74 0.00	55.46 0.71 0.00	48.43 0.76 0.00
CH_MIDHUDSON___DRP 24192	38.70 1.45 0.00	34.96 1.21 0.00	31.92 1.14 0.00	29.56 1.05 0.00	29.78 0.92 0.00	33.80 0.95 0.00	37.22 0.98 0.00	40.05 1.43 0.00	38.72 1.56 0.00	38.07 1.60 0.00	42.37 1.90 0.00	47.01 1.89 -0.23	49.47 1.99 -0.03	53.17 2.00 0.00	54.60 1.95 0.00	58.40 1.97 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.98 3.97 0.00	82.87 3.34 0.00	77.20 2.32 0.00	63.29 1.30 0.00	55.95 1.20 0.00	48.82 1.14 0.00
CH_MISC_IPPS 23765	38.88 1.64 0.00	35.13 1.38 0.00	32.05 1.26 0.00	29.67 1.17 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.24 1.62 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.49 2.02 0.00	47.17 2.02 -0.25	49.57 2.09 -0.03	53.43 2.25 0.00	54.97 2.31 0.00	58.85 2.42 0.00	71.99 3.43 0.00	84.21 4.61 0.00	85.38 4.37 0.00	83.59 4.05 0.00	77.80 2.92 0.00	63.72 1.73 0.00	56.28 1.53 0.00	48.86 1.19 0.00
CH_RES_BVR_FALLS 23983	36.91 -0.34 0.00	33.44 -0.30 0.00	30.51 -0.28 0.00	28.27 -0.23 0.00	28.68 -0.17 0.00	32.78 -0.07 0.00	36.27 0.04 0.00	38.70 0.08 0.00	37.19 0.04 0.00	36.54 0.07 0.00	40.51 0.04 0.00	44.99 0.09 0.00	47.50 0.05 0.00	51.23 0.05 0.00	52.71 0.05 0.00	56.43 0.00 0.00	68.50 -0.07 0.00	79.28 -0.32 0.00	80.61 -0.40 0.00	79.22 -0.32 0.00	74.80 -0.07 0.00	62.11 0.12 0.00	54.86 0.11 0.00	47.82 0.14 0.00
CH_RES_NIAGARA 23895	37.80 0.56 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.66 -1.18 0.00	34.17 -2.07 0.00	35.84 -2.78 0.00	34.44 -2.71 0.00	34.17 -2.30 0.00	37.71 -2.75 0.00	42.79 -2.11 0.00	44.94 -2.52 0.00	49.34 -1.84 0.00	51.44 -1.21 0.00	55.41 -1.02 0.00	65.62 -2.95 0.00	76.65 -2.95 0.00	77.93 -3.08 0.00	78.02 -1.51 0.00	71.58 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.99 0.00	47.20 -0.48 0.00
CH_RES_SYRACUSE 23985	37.17 -0.07 0.00	33.88 0.14 0.00	30.97 0.19 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.72 -0.13 0.00	36.06 -0.18 0.00	38.23 -0.39 0.00	36.75 -0.41 0.00	36.03 -0.44 0.00	40.06 -0.40 0.00	44.63 -0.27 0.00	47.26 -0.19 0.00	51.13 -0.05 0.00	52.71 0.05 0.00	56.60 0.17 0.00	68.70 0.14 0.00	80.23 0.63 0.00	82.23 1.22 0.00	80.73 1.19 0.00	75.41 0.53 0.00	62.23 0.25 0.00	54.86 0.11 0.00	47.67 0.00 0.00
CLINTON_WT_PWR 323605	36.80 -0.45 0.00	33.24 -0.51 0.00	30.29 -0.49 0.00	28.10 -0.40 0.00	28.59 -0.26 0.00	32.98 0.13 0.00	36.64 0.40 0.00	39.12 0.50 0.00	37.60 0.45 0.00	36.94 0.47 0.00	40.91 0.45 0.00	45.53 0.63 0.00	47.93 0.47 0.00	51.64 0.46 0.00	53.08 0.42 0.00	56.82 0.40 0.00	68.70 0.14 0.00	79.20 -0.40 0.00	80.53 -0.48 0.00	79.14 -0.40 0.00	75.41 0.53 0.00	62.92 0.80 -0.13	55.95 0.77 -0.44	48.77 0.72 -0.38
CLINTON___LFGE 323618	37.13 -0.11 0.00	33.58 -0.17 0.00	30.63 -0.15 0.00	28.42 -0.09 0.00	28.85 0.00 0.00	33.31 0.46 0.00	37.03 0.80 0.00	39.54 0.93 0.00	37.97 0.82 0.00	37.30 0.84 0.00	41.27 0.81 0.00	46.02 1.12 0.00	48.35 0.90 0.00	52.15 0.97 0.00	53.60 0.95 0.00	57.38 0.96 0.00	69.39 0.83 0.00	80.16 0.56 0.00	81.58 0.57 0.00	80.25 0.71 0.00	76.45 1.57 0.00	63.72 1.55 -0.18	56.73 1.37 -0.62	49.39 1.19 -0.53
COBBLENY_34_KV_TB1 80064	38.21 0.97 0.00	35.03 1.28 0.00	31.99 1.20 0.00	29.53 1.03 0.00	29.69 0.84 0.00	32.32 -0.53 0.00	35.04 -1.20 0.00	36.92 -1.70 0.00	35.52 -1.63 0.00	35.23 -1.24 0.00	38.89 -1.58 0.00	44.27 -0.63 0.00	46.46 -1.00 0.00	51.08 -0.10 0.00	53.24 0.58 0.00	57.44 1.02 0.00	68.09 -0.48 0.00	79.59 0.00 0.00	81.09 0.08 0.00	81.04 1.51 0.00	74.20 -0.67 0.00	61.92 -0.06 0.00	55.68 0.93 0.00	48.34 0.67 0.00
COFFEEN___115KV_TB3 355620	39.14 1.90 0.00	35.46 1.72 0.00	32.33 1.54 0.00	29.98 1.48 0.00	30.35 1.50 0.00	34.65 1.81 0.00	38.34 2.10 0.00	40.70 2.09 0.00	38.46 1.30 0.00	37.56 1.09 0.00	41.48 1.01 0.00	46.29 1.39 0.00	48.88 1.42 0.00	53.17 2.00 0.00	54.60 1.95 0.00	58.74 2.31 0.00	71.45 2.88 0.00	83.97 4.38 0.00	86.93 5.91 0.00	87.01 7.48 0.00	81.84 6.96 0.00	68.36 5.83 -0.55	61.10 4.49 -1.87	52.90 3.62 -1.60
COLDSPRG_115KV_BK1 355956	38.59 1.34 0.00	35.23 1.48 0.00	32.20 1.42 0.00	29.73 1.23 0.00	29.89 1.04 0.00	32.68 -0.16 0.00	35.95 -0.29 0.00	38.04 -0.58 0.00	36.60 -0.56 0.00	36.36 -0.11 0.00	40.10 -0.36 0.00	45.75 0.85 0.00	47.93 0.47 0.00	52.71 1.54 0.00	54.87 2.21 0.00	59.30 2.88 0.00	69.80 1.23 0.00	80.95 1.35 0.00	82.47 1.46 0.00	82.48 2.94 0.00	75.33 0.45 0.00	62.98 0.99 0.00	56.77 2.03 0.00	48.96 1.29 0.00
COLONIE_LFGE___ 323577	38.36 1.12 0.00	34.76 1.01 0.00	31.77 0.98 0.00	29.41 0.91 0.00	29.72 0.86 0.00	33.70 0.85 0.00	37.00 0.76 0.00	39.58 0.97 0.00	38.09 0.93 0.00	37.30 0.84 0.00	41.35 0.89 0.00	45.32 0.81 0.38	48.21 0.81 0.05	52.10 0.92 0.00	53.60 0.95 0.00	57.44 1.02 0.00	70.14 1.58 0.00	82.30 2.71 0.00	83.77 2.76 0.00	82.24 2.71 0.00	76.97 2.09 0.00	63.41 1.43 0.00	55.78 1.04 0.00	48.43 0.76 0.00
COOPERNY_115KV_TB1 80082	38.10 0.86 0.00	34.45 0.71 0.00	31.46 0.68 0.00	29.10 0.60 0.00	29.37 0.52 0.00	33.34 0.49 0.00	36.71 0.47 0.00	39.39 0.77 0.00	38.05 0.89 0.00	37.38 0.91 0.00	41.56 1.09 0.00	46.16 1.08 -0.19	48.62 1.14 -0.02	52.30 1.13 0.00	53.71 1.05 0.00	57.50 1.07 0.00	70.14 1.58 0.00	81.90 2.31 0.00	83.28 2.27 0.00	81.52 1.99 0.00	76.08 1.20 0.00	62.54 0.56 0.00	55.29 0.55 0.00	48.20 0.52 0.00
COPENHAGEN_WT_PWR 323753	38.70 1.45 0.00	35.09 1.35 0.00	31.99 1.20 0.00	29.67 1.17 0.00	30.04 1.18 0.00	34.26 1.41 0.00	37.90 1.67 0.00	40.20 1.58 0.00	38.16 1.00 0.00	37.23 0.77 0.00	41.19 0.73 0.00	45.93 1.03 0.00	48.59 1.14 0.00	52.77 1.59 0.00	54.18 1.53 0.00	58.18 1.75 0.00	70.76 2.19 0.00	83.01 3.42 0.00	85.95 4.94 0.00	85.50 5.97 0.00	80.42 5.54 0.00	67.15 4.65 -0.51	60.10 3.61 -1.74	52.12 2.96 -1.49
CORNELL_____ 23752	38.06 0.82 0.00	34.65 0.91 0.00	31.62 0.83 0.00	29.24 0.74 0.00	29.55 0.69 0.00	33.34 0.49 0.00	36.78 0.54 0.00	39.04 0.42 0.00	37.34 0.19 0.00	36.57 0.11 0.00	40.51 0.04 0.00	45.21 0.31 0.00	47.79 0.33 0.00	51.89 0.72 0.00	53.55 0.90 0.00	57.67 1.24 0.00	70.01 1.44 0.00	82.14 2.55 0.00	84.25 3.24 0.00	83.27 3.74 0.00	77.65 2.77 0.00	64.03 2.05 0.00	56.39 1.64 0.00	48.72 1.05 0.00

CORONA__69_KV_TB1 355595	39.59 2.35 0.00	35.70 1.96 0.00	32.45 1.66 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.39 1.54 0.00	37.69 1.45 0.00	40.82 2.20 0.00	39.83 2.68 0.00	39.16 2.70 0.00	43.82 3.36 0.00	48.35 3.14 -0.31	50.67 3.18 -0.04	53.79 2.61 0.00	54.92 2.26 0.00	58.80 2.37 0.00	71.99 3.43 0.00	84.61 5.01 0.00	85.63 4.62 0.00	82.87 3.34 0.01	76.32 2.25 0.81	63.03 1.05 0.01	55.10 0.93 0.58	49.29 1.62 0.00
CORTLAND__115KV_TB3 80093	37.73 0.48 0.00	34.32 0.57 0.00	31.34 0.55 0.00	28.99 0.48 0.00	29.29 0.43 0.00	33.08 0.23 0.00	36.45 0.22 0.00	38.73 0.12 0.00	37.12 -0.04 0.00	36.39 -0.07 0.00	40.38 -0.08 0.00	45.03 0.13 0.00	47.60 0.14 0.00	51.64 0.46 0.00	53.29 0.63 0.00	57.27 0.85 0.00	69.53 0.96 0.00	81.35 1.75 0.00	83.20 2.19 0.00	82.08 2.55 0.00	76.60 1.72 0.00	63.16 1.18 0.00	55.68 0.93 0.00	48.24 0.57 0.00
COXSACKIE__GT 23611	39.00 1.75 0.00	35.30 1.55 0.00	32.26 1.48 0.00	29.84 1.34 0.00	30.15 1.30 0.00	34.23 1.38 0.00	37.58 1.34 0.00	40.12 1.50 0.00	37.90 0.74 0.00	37.16 0.69 0.00	41.11 0.65 0.00	45.86 1.08 0.11	48.15 0.71 0.01	51.89 0.72 0.00	53.65 1.00 0.00	57.72 1.30 0.00	70.90 2.33 0.00	83.57 3.98 0.00	85.46 4.45 0.00	84.31 4.77 0.00	78.92 4.04 0.00	64.90 2.91 0.00	56.94 2.19 0.00	49.48 1.81 0.00
CPV_VALLEY__CC1 323721	38.18 0.93 0.00	34.52 0.78 0.00	31.49 0.71 0.00	29.16 0.66 0.00	29.40 0.55 0.00	33.37 0.52 0.00	36.74 0.51 0.00	39.47 0.85 0.00	38.16 1.00 0.00	37.56 1.09 0.00	41.72 1.26 0.00	46.30 1.17 -0.24	48.67 1.19 -0.03	52.36 1.18 0.00	53.76 1.11 0.00	57.49 1.07 0.00	70.14 1.58 0.00	81.98 2.39 0.00	83.11 2.10 0.00	81.36 1.83 0.00	75.85 0.97 0.00	62.30 0.31 0.00	55.08 0.33 0.00	47.91 0.24 0.00
CPV_VALLEY__CC2 323722	38.18 0.93 0.00	34.52 0.78 0.00	31.49 0.71 0.00	29.16 0.66 0.00	29.40 0.55 0.00	33.37 0.52 0.00	36.74 0.51 0.00	39.47 0.85 0.00	38.16 1.00 0.00	37.56 1.09 0.00	41.72 1.26 0.00	46.30 1.17 -0.24	48.67 1.19 -0.03	52.36 1.18 0.00	53.76 1.11 0.00	57.49 1.07 0.00	70.14 1.58 0.00	81.98 2.39 0.00	83.11 2.10 0.00	81.36 1.83 0.00	75.85 0.97 0.00	62.30 0.31 0.00	55.08 0.33 0.00	47.91 0.24 0.00
CRESCENT__HYD 24018	38.36 1.12 0.00	34.76 1.01 0.00	31.77 0.98 0.00	29.41 0.91 0.00	29.72 0.86 0.00	33.70 0.85 0.00	37.00 0.76 0.00	39.58 0.97 0.00	38.09 0.93 0.00	37.30 0.84 0.00	41.35 0.89 0.00	45.32 0.81 0.38	48.21 0.81 0.05	52.10 0.92 0.00	53.60 0.95 0.00	57.44 1.02 0.00	70.14 1.58 0.00	82.30 2.71 0.00	83.77 2.76 0.00	82.24 2.71 0.00	76.97 2.09 0.00	63.41 1.43 0.00	55.78 1.04 0.00	48.43 0.76 0.00
CRICKET__VALLEY_CC1 323756	38.25 1.01 0.00	34.59 0.84 0.00	31.59 0.80 0.00	29.30 0.80 0.00	29.52 0.66 0.00	33.47 0.62 0.00	36.81 0.58 0.00	39.58 0.97 0.00	38.27 1.11 0.00	37.60 1.13 0.00	41.76 1.29 0.00	42.01 1.08 3.96	48.06 1.09 0.48	52.20 1.02 0.00	53.60 0.95 0.00	57.33 0.90 0.00	70.01 1.44 0.00	81.98 2.39 0.00	83.11 2.10 0.00	81.36 1.83 0.00	75.85 0.97 0.00	62.23 0.25 0.00	54.97 0.22 0.00	47.82 0.14 0.00
CRICKET__VALLEY_CC2 323757	38.25 1.01 0.00	34.59 0.84 0.00	31.59 0.80 0.00	29.30 0.80 0.00	29.52 0.66 0.00	33.47 0.62 0.00	36.81 0.58 0.00	39.58 0.97 0.00	38.27 1.11 0.00	37.60 1.13 0.00	41.76 1.29 0.00	42.01 1.08 3.96	48.06 1.09 0.48	52.20 1.02 0.00	53.60 0.95 0.00	57.33 0.90 0.00	70.01 1.44 0.00	81.98 2.39 0.00	83.11 2.10 0.00	81.36 1.83 0.00	75.85 0.97 0.00	62.23 0.25 0.00	54.97 0.22 0.00	47.82 0.14 0.00
CRICKET__VALLEY_CC3 323758	38.25 1.01 0.00	34.59 0.84 0.00	31.59 0.80 0.00	29.30 0.80 0.00	29.52 0.66 0.00	33.47 0.62 0.00	36.81 0.58 0.00	39.58 0.97 0.00	38.27 1.11 0.00	37.60 1.13 0.00	41.76 1.29 0.00	42.01 1.08 3.96	48.06 1.09 0.48	52.20 1.02 0.00	53.60 0.95 0.00	57.33 0.90 0.00	70.01 1.44 0.00	81.98 2.39 0.00	83.11 2.10 0.00	81.36 1.83 0.00	75.85 0.97 0.00	62.23 0.25 0.00	54.97 0.22 0.00	47.82 0.14 0.00
CRUCIBLE_METL_DRP 24180	37.17 -0.07 0.00	33.88 0.13 0.00	30.97 0.18 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.72 -0.13 0.00	36.06 -0.18 0.00	38.23 -0.39 0.00	36.71 -0.45 0.00	36.03 -0.44 0.00	40.02 -0.45 0.00	44.63 -0.27 0.00	47.17 -0.28 0.00	51.13 -0.05 0.00	52.71 0.05 0.00	56.65 0.23 0.00	68.70 0.14 0.00	80.23 0.64 0.00	81.98 0.97 0.00	80.73 1.19 0.00	75.40 0.52 0.00	62.23 0.25 0.00	54.86 0.11 0.00	47.53 -0.14 0.00
DAHOWA__HYDRO 323763	38.88 1.64 0.00	35.19 1.45 0.00	32.11 1.32 0.00	29.73 1.22 0.00	30.04 1.18 0.00	34.13 1.28 0.00	37.43 1.19 0.00	39.89 1.27 0.00	38.31 1.15 0.00	37.48 1.02 0.00	41.40 0.93 0.00	45.52 0.94 0.32	48.36 0.95 0.04	52.36 1.18 0.00	53.92 1.26 0.00	57.89 1.46 0.00	70.90 2.33 0.00	83.57 3.98 0.00	85.63 4.62 0.00	84.31 4.77 0.00	79.07 4.19 0.00	65.08 3.10 0.00	57.15 2.41 0.00	49.48 1.81 0.00
DANC__LFGE 323619	37.92 0.67 0.00	34.45 0.71 0.00	31.46 0.68 0.00	29.13 0.63 0.00	29.49 0.63 0.00	33.54 0.69 0.00	37.03 0.80 0.00	39.27 0.66 0.00	37.42 0.26 0.00	36.61 0.15 0.00	40.55 0.08 0.00	45.17 0.27 0.00	47.74 0.29 0.00	51.79 0.62 0.00	53.24 0.58 0.00	57.16 0.73 0.00	69.39 0.83 0.00	81.34 1.75 0.00	83.92 2.91 0.00	83.03 3.50 0.00	77.95 3.07 0.00	64.93 2.60 -0.35	57.88 1.97 -1.17	50.24 1.57 -1.00
DANSKAMMER__1 23586	38.88 1.64 0.00	35.13 1.38 0.00	32.05 1.26 0.00	29.67 1.17 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.24 1.62 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.49 2.02 0.00	47.17 2.02 -0.25	49.57 2.09 -0.03	53.43 2.25 0.00	54.97 2.31 0.00	58.85 2.42 0.00	71.99 3.43 0.00	84.21 4.61 0.00	85.38 4.37 0.00	83.59 4.05 0.00	77.80 2.92 0.00	63.72 1.73 0.00	56.28 1.53 0.00	48.86 1.19 0.00
DANSKAMMER__2 23589	38.88 1.64 0.00	35.13 1.38 0.00	32.05 1.26 0.00	29.67 1.17 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.24 1.62 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.49 2.02 0.00	47.17 2.02 -0.25	49.57 2.09 -0.03	53.43 2.25 0.00	54.97 2.31 0.00	58.85 2.42 0.00	71.99 3.43 0.00	84.21 4.61 0.00	85.38 4.37 0.00	83.59 4.05 0.00	77.80 2.92 0.00	63.72 1.73 0.00	56.28 1.53 0.00	48.86 1.19 0.00
DANSKAMMER__3 23590	38.88 1.64 0.00	35.13 1.38 0.00	32.05 1.26 0.00	29.67 1.17 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.24 1.62 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.49 2.02 0.00	47.17 2.02 -0.25	49.57 2.09 -0.03	53.43 2.25 0.00	54.97 2.31 0.00	58.85 2.42 0.00	71.99 3.43 0.00	84.21 4.61 0.00	85.38 4.37 0.00	83.59 4.05 0.00	77.80 2.92 0.00	63.72 1.73 0.00	56.28 1.53 0.00	48.86 1.19 0.00

DANSKAMMER___4 23591	38.88 1.64 0.00	35.13 1.38 0.00	32.05 1.26 0.00	29.67 1.17 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.24 1.62 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.49 2.02 0.00	47.17 2.02 -0.25	49.57 2.09 -0.03	53.43 2.25 0.00	54.97 2.31 0.00	58.85 2.42 0.00	71.99 3.43 0.00	84.21 4.61 0.00	85.38 4.37 0.00	83.59 4.05 0.00	77.80 2.92 0.00	63.72 1.73 0.00	56.28 1.53 0.00	48.86 1.19 0.00
DANSKAMMER___DIESEL 23592	38.88 1.64 0.00	35.13 1.38 0.00	32.05 1.26 0.00	29.67 1.17 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.24 1.62 0.00	38.79 1.63 0.00	38.18 1.71 0.00	42.49 2.02 0.00	47.21 2.07 -0.25	49.71 2.23 -0.03	53.48 2.30 0.00	54.97 2.32 0.00	58.80 2.37 0.00	71.99 3.43 0.00	84.29 4.70 0.00	85.55 4.54 0.00	83.59 4.06 0.00	77.80 2.92 0.00	63.72 1.74 0.00	56.28 1.53 0.00	49.10 1.43 0.00
DARBY___SOLAR 323810	38.77 1.53 0.00	35.09 1.35 0.00	32.05 1.26 0.00	29.64 1.14 0.00	29.98 1.12 0.00	34.03 1.18 0.00	37.36 1.12 0.00	39.82 1.20 0.00	38.23 1.08 0.00	37.41 0.95 0.00	41.32 0.85 0.00	45.38 0.81 0.33	48.27 0.86 0.04	52.20 1.02 0.00	53.76 1.11 0.00	57.72 1.30 0.00	70.62 2.06 0.00	83.26 3.66 0.00	85.22 4.21 0.00	83.83 4.29 0.00	78.62 3.74 0.00	64.71 2.72 0.00	56.88 2.13 0.00	49.29 1.62 0.00
DASHVILLE___HYD 23610	38.55 1.30 0.00	34.82 1.08 0.00	31.77 0.99 0.00	29.41 0.91 0.00	29.66 0.81 0.00	33.64 0.79 0.00	37.00 0.76 0.00	39.82 1.20 0.00	38.31 1.15 0.00	37.70 1.24 0.00	41.96 1.50 0.00	46.84 1.80 -0.15	49.42 1.95 -0.02	52.71 1.54 0.00	54.13 1.47 0.00	57.89 1.47 0.00	70.97 2.40 0.00	83.02 3.42 0.00	84.33 3.32 0.00	82.32 2.78 0.00	76.75 1.87 0.00	62.98 0.99 0.00	55.68 0.93 0.00	48.58 0.91 0.00
DELAWARE___LFGE 323621	38.18 0.93 0.00	34.62 0.88 0.00	31.59 0.80 0.00	29.21 0.71 0.00	29.55 0.69 0.00	33.47 0.62 0.00	36.85 0.62 0.00	39.31 0.70 0.00	37.71 0.56 0.00	37.05 0.58 0.00	41.07 0.61 0.00	45.74 0.76 -0.07	48.27 0.81 -0.01	52.15 0.97 0.00	53.71 1.05 0.00	57.61 1.18 0.00	70.07 1.51 0.00	81.82 2.23 0.00	83.36 2.35 0.00	81.92 2.39 0.00	76.45 1.57 0.00	63.04 1.05 0.00	55.62 0.88 0.00	48.39 0.72 0.00
DERFIELD_115KV_TB7 355931	37.32 0.07 0.00	33.85 0.10 0.00	30.91 0.12 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.91 0.07 0.00	36.24 0.00 0.00	38.66 0.04 0.00	37.19 0.04 0.00	36.50 0.04 0.00	40.51 0.04 0.00	44.90 0.00 0.00	47.45 0.00 0.00	51.23 0.05 0.00	52.71 0.05 0.00	56.48 0.06 0.00	68.70 0.14 0.00	79.99 0.40 0.00	81.42 0.41 0.00	79.93 0.40 0.00	75.03 0.15 0.00	62.05 0.06 0.00	54.75 0.00 0.00	47.67 0.00 0.00
DOGLEVILLE___HYD 23807	36.72 -0.52 0.00	33.24 -0.51 0.00	30.35 -0.43 0.00	28.10 -0.40 0.00	28.42 -0.43 0.00	32.39 -0.46 0.00	35.73 -0.51 0.00	38.12 -0.50 0.00	36.60 -0.56 0.00	35.85 -0.62 0.00	39.78 -0.69 0.00	44.13 -0.76 0.00	46.69 -0.76 0.00	50.41 -0.77 0.00	51.87 -0.79 0.00	55.58 -0.85 0.00	67.54 -1.03 0.00	78.64 -0.96 0.00	80.20 -0.81 0.00	78.66 -0.87 0.00	73.83 -1.05 0.00	61.12 -0.87 0.00	53.87 -0.88 0.00	46.91 -0.76 0.00
DUNKIRK__115KV_TB_200 55889	38.47 1.23 0.00	35.23 1.48 0.00	32.17 1.39 0.00	29.70 1.20 0.00	29.89 1.04 0.00	32.55 -0.30 0.00	35.33 -0.91 0.00	37.27 -1.35 0.00	35.82 -1.34 0.00	35.63 -0.84 0.00	39.33 -1.13 0.00	44.72 -0.18 0.00	46.93 -0.52 0.00	51.59 0.41 0.00	53.71 1.05 0.00	58.01 1.58 0.00	68.77 0.21 0.00	80.55 0.96 0.00	81.98 0.97 0.00	82.08 2.55 0.00	75.10 0.22 0.00	62.67 0.68 0.00	56.28 1.53 0.00	48.77 1.10 0.00
DUNKIRK___1 23563	38.47 1.23 0.00	35.23 1.48 0.00	32.17 1.39 0.00	29.70 1.20 0.00	29.89 1.04 0.00	32.55 -0.30 0.00	35.33 -0.91 0.00	37.27 -1.35 0.00	35.82 -1.34 0.00	35.63 -0.84 0.00	39.33 -1.13 0.00	44.72 -0.18 0.00	46.93 -0.52 0.00	51.59 0.41 0.00	53.71 1.05 0.00	58.01 1.58 0.00	68.77 0.21 0.00	80.55 0.96 0.00	81.98 0.97 0.00	82.08 2.55 0.00	75.10 0.22 0.00	62.67 0.68 0.00	56.28 1.53 0.00	48.77 1.10 0.00
DUNKIRK___2 23564	38.47 1.23 0.00	35.23 1.48 0.00	32.17 1.39 0.00	29.70 1.20 0.00	29.89 1.04 0.00	32.55 -0.30 0.00	35.33 -0.91 0.00	37.27 -1.35 0.00	35.82 -1.34 0.00	35.63 -0.84 0.00	39.33 -1.13 0.00	44.72 -0.18 0.00	46.93 -0.52 0.00	51.59 0.41 0.00	53.71 1.05 0.00	58.01 1.58 0.00	68.77 0.21 0.00	80.55 0.96 0.00	81.98 0.97 0.00	82.08 2.55 0.00	75.10 0.22 0.00	62.67 0.68 0.00	56.28 1.53 0.00	48.77 1.10 0.00
DUNKIRK___3 23565	38.25 1.01 0.00	35.03 1.28 0.00	31.99 1.20 0.00	29.53 1.03 0.00	29.72 0.87 0.00	32.39 -0.46 0.00	35.11 -1.12 0.00	37.03 -1.58 0.00	35.60 -1.56 0.00	35.41 -1.06 0.00	39.05 -1.42 0.00	44.40 -0.49 0.00	46.60 -0.85 0.00	51.23 0.05 0.00	53.34 0.68 0.00	57.61 1.18 0.00	68.29 -0.27 0.00	79.91 0.32 0.00	81.42 0.41 0.00	81.44 1.91 0.00	74.50 -0.37 0.00	62.17 0.19 0.00	55.84 1.09 0.00	48.43 0.76 0.00
DUNKIRK___4 23566	38.25 1.01 0.00	35.03 1.28 0.00	31.99 1.20 0.00	29.53 1.03 0.00	29.72 0.87 0.00	32.39 -0.46 0.00	35.11 -1.12 0.00	37.03 -1.58 0.00	35.60 -1.56 0.00	35.41 -1.06 0.00	39.05 -1.42 0.00	44.40 -0.49 0.00	46.60 -0.85 0.00	51.23 0.05 0.00	53.34 0.68 0.00	57.61 1.18 0.00	68.29 -0.27 0.00	79.91 0.32 0.00	81.42 0.41 0.00	81.44 1.91 0.00	74.50 -0.37 0.00	62.17 0.19 0.00	55.84 1.09 0.00	48.43 0.76 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.92 1.68 0.00	35.13 1.38 0.00	32.08 1.29 0.00	29.67 1.17 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.32 1.70 0.00	39.24 2.08 0.00	38.58 2.11 0.00	42.93 2.47 0.00	47.59 2.38 -0.31	50.05 2.56 -0.04	53.58 2.41 0.00	54.92 2.26 0.00	58.63 2.20 0.00	71.65 3.09 0.00	83.73 4.14 0.00	84.98 3.97 0.00	82.79 3.26 0.00	77.12 2.25 0.00	63.10 1.12 0.00	55.90 1.15 0.00	48.91 1.24 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.62 1.38 0.00	34.92 1.18 0.00	31.86 1.08 0.00	29.47 0.97 0.00	29.72 0.87 0.00	33.73 0.89 0.00	37.14 0.91 0.00	39.97 1.35 0.00	38.61 1.45 0.00	38.00 1.53 0.00	42.29 1.82 0.00	46.94 1.80 -0.25	49.43 1.95 -0.03	53.07 1.89 0.00	54.50 1.84 0.00	58.29 1.86 0.00	71.31 2.74 0.00	83.42 3.82 0.00	84.74 3.73 0.00	82.72 3.18 0.00	77.05 2.17 0.00	63.16 1.18 0.00	55.84 1.09 0.00	48.72 1.05 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.37 2.12 0.00	35.53 1.79 0.00	32.42 1.63 0.00	29.95 1.45 0.00	30.15 1.30 0.00	34.26 1.41 0.00	37.65 1.41 0.00	40.36 1.74 0.00	39.35 2.19 0.00	38.78 2.33 0.02	43.16 2.71 0.02	47.68 2.47 -0.31	49.96 2.47 -0.04	53.43 2.25 0.00	54.81 2.16 0.00	58.17 1.75 0.00	71.10 2.54 0.00	83.18 3.58 0.00	84.33 3.32 0.00	82.24 2.70 0.00	76.68 1.80 0.00	62.85 0.87 0.00	56.06 1.31 0.00	49.21 1.53 -0.01

E179THST_13_KV_LOAD 356214	39.55 2.31 0.00	35.70 1.96 0.00	32.57 1.79 0.00	30.10 1.60 0.00	30.30 1.44 0.00	34.39 1.54 0.00	37.83 1.59 0.00	40.55 1.93 0.00	39.53 2.38 0.00	38.97 2.52 0.02	43.40 2.95 0.02	47.95 2.74 -0.31	50.24 2.75 -0.04	53.79 2.61 0.00	55.18 2.53 0.00	58.57 2.14 0.00	71.58 3.02 0.00	83.73 4.14 0.00	84.90 3.89 0.00	82.87 3.34 0.00	77.20 2.32 0.00	63.23 1.24 0.00	56.44 1.70 0.00	49.49 1.81 -0.01
EAST HAMPTON___GT 23717	41.16 3.91 0.00	37.02 3.27 0.00	33.59 2.80 0.00	30.86 2.36 0.00	31.08 2.22 0.00	35.54 2.69 0.00	38.74 2.50 0.00	42.21 3.59 0.00	41.35 4.20 0.00	40.73 4.26 0.00	45.81 5.34 -0.01	50.37 5.16 -0.31	52.28 4.79 -0.04	56.14 4.96 0.00	58.13 5.48 0.00	62.80 6.37 0.00	76.11 7.54 0.00	89.94 10.34 0.00	90.65 9.64 0.00	86.99 7.47 0.02	72.22 5.46 8.13	65.69 3.72 0.02	51.55 2.63 5.83	49.53 1.86 0.00
EAST RIVER___6 23660	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.92 1.07 0.00	33.96 1.12 0.00	37.47 1.23 0.00	40.43 1.82 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.72 2.51 -0.31	50.05 2.56 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.85 2.42 0.00	71.72 3.16 0.00	83.73 4.14 0.00	84.66 3.65 0.00	82.80 3.26 0.00	77.12 2.24 0.00	63.04 1.05 0.00	56.06 1.31 0.00	48.81 1.14 0.00
EAST RIVER___7 23524	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.92 1.07 0.00	33.96 1.12 0.00	37.47 1.23 0.00	40.43 1.82 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.72 2.51 -0.31	50.05 2.56 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.85 2.42 0.00	71.72 3.16 0.00	83.73 4.14 0.00	84.66 3.65 0.00	82.80 3.26 0.00	77.12 2.24 0.00	63.04 1.05 0.00	56.06 1.31 0.00	48.81 1.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.85 1.60 0.00	35.06 1.32 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.83 0.98 0.00	33.90 1.05 0.00	37.32 1.09 0.00	40.24 1.62 0.00	39.13 1.97 0.00	38.43 1.97 0.00	42.81 2.35 0.00	47.45 2.24 -0.31	49.91 2.42 -0.04	53.43 2.25 0.00	54.76 2.11 0.00	58.51 2.09 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.74 3.73 0.00	82.64 3.10 0.00	76.97 2.10 0.00	62.98 0.99 0.00	55.79 1.04 0.00	48.82 1.14 0.00
EAST_HAMPTON___DIESEL 23722	41.19 3.95 0.00	37.02 3.27 0.00	33.59 2.80 0.00	30.86 2.36 0.00	31.11 2.25 0.00	35.57 2.72 0.00	38.74 2.50 0.00	42.25 3.63 0.00	41.35 4.20 0.00	40.77 4.30 0.00	45.81 5.34 -0.01	50.37 5.16 -0.31	52.28 4.79 -0.04	56.14 4.96 0.00	58.18 5.53 0.00	62.86 6.43 0.00	76.11 7.54 0.00	90.02 10.42 0.00	90.73 9.72 0.00	86.99 7.47 0.02	72.22 5.46 8.13	65.69 3.72 0.02	51.55 2.63 5.83	49.58 1.91 0.00
EAST_POINT___SOLAR 323840	40.48 3.24 0.00	36.61 2.87 0.00	33.37 2.59 0.00	30.84 2.34 0.00	31.28 2.42 0.00	35.54 2.69 0.00	38.52 2.28 0.00	39.74 1.12 0.00	37.90 0.74 0.00	36.83 0.36 0.00	40.71 0.24 0.00	44.80 0.14 0.23	47.62 0.19 0.03	51.69 0.51 0.00	53.39 0.74 0.00	57.49 1.07 0.00	70.35 1.78 0.00	83.81 4.22 0.00	88.22 7.21 0.00	89.64 10.10 0.00	85.14 10.26 0.00	70.17 8.18 0.00	61.37 6.62 0.00	52.96 5.29 0.00
EAST_PULASKI___ESR 323781	37.21 -0.04 0.00	33.88 0.14 0.00	30.94 0.15 0.00	28.64 0.14 0.00	28.97 0.12 0.00	32.85 0.00 0.00	36.24 0.00 0.00	38.43 -0.19 0.00	36.78 -0.37 0.00	36.03 -0.44 0.00	39.98 -0.48 0.00	44.49 -0.40 0.00	46.93 -0.52 0.00	50.77 -0.41 0.00	52.29 -0.37 0.00	56.09 -0.34 0.00	68.09 -0.48 0.00	79.67 0.08 0.00	81.82 0.81 0.00	80.65 1.11 0.00	75.55 0.67 0.00	62.66 0.49 -0.18	55.63 0.28 -0.61	48.34 0.14 -0.52
EAST_RIVER___1 323558	39.07 1.82 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.54 1.30 0.00	40.51 1.89 0.00	39.39 2.23 0.00	38.83 2.37 0.00	43.18 2.71 0.00	47.77 2.56 -0.31	50.10 2.61 -0.04	53.79 2.61 0.00	55.18 2.53 0.00	58.91 2.48 0.00	71.86 3.29 0.00	83.97 4.37 0.00	84.90 3.89 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.10 1.12 0.00	56.06 1.31 0.00	48.81 1.14 0.00
EAST_RIVER___2 323559	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.92 1.07 0.00	33.96 1.12 0.00	37.47 1.23 0.00	40.43 1.82 0.00	39.35 2.19 0.00	38.80 2.34 0.00	43.14 2.67 0.00	47.72 2.51 -0.31	50.05 2.56 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.85 2.42 0.00	71.72 3.16 0.00	83.73 4.14 0.00	84.66 3.65 0.00	82.80 3.26 0.00	77.12 2.24 0.00	63.04 1.05 0.00	56.06 1.31 0.00	48.81 1.14 0.00
EAST___DELAWARE_HYD 23607	38.47 1.23 0.00	34.76 1.01 0.00	31.71 0.92 0.00	29.33 0.83 0.00	29.57 0.72 0.00	33.60 0.76 0.00	37.03 0.80 0.00	39.82 1.20 0.00	38.27 1.11 0.00	37.71 1.24 0.00	41.92 1.45 0.00	46.53 1.44 -0.20	49.00 1.52 -0.02	52.92 1.74 0.00	54.45 1.79 0.00	58.34 1.92 0.00	71.44 2.88 0.00	83.65 4.06 0.00	84.98 3.97 0.00	83.27 3.74 0.00	77.57 2.69 0.00	63.54 1.55 0.00	56.06 1.31 0.00	48.63 0.95 0.00
EIGHT_POINT___WT_PWR 323820	38.70 1.45 0.00	35.30 1.55 0.00	32.23 1.45 0.00	29.75 1.25 0.00	30.01 1.16 0.00	33.14 0.29 0.00	36.31 0.07 0.00	38.23 -0.39 0.00	36.56 -0.60 0.00	35.81 -0.66 0.00	39.70 -0.77 0.00	44.67 -0.22 0.00	47.45 0.00 0.00	51.43 0.26 0.00	53.29 0.63 0.00	57.38 0.96 0.00	68.98 0.41 0.00	81.03 1.43 0.00	84.57 3.56 0.00	83.12 3.58 0.00	76.67 1.79 0.00	63.59 1.61 0.00	56.61 1.86 0.00	49.44 1.76 0.00
ELBRIDGE_115KV_TB2 80188	37.06 -0.19 0.00	33.78 0.03 0.00	30.88 0.09 0.00	28.53 0.03 0.00	28.85 0.00 0.00	32.58 -0.26 0.00	35.87 -0.36 0.00	38.04 -0.58 0.00	36.52 -0.63 0.00	35.85 -0.62 0.00	39.82 -0.65 0.00	44.40 -0.49 0.00	46.88 -0.57 0.00	50.82 -0.36 0.00	52.39 -0.26 0.00	56.31 -0.11 0.00	68.36 -0.21 0.00	79.83 0.24 0.00	81.50 0.49 0.00	80.25 0.72 0.00	74.95 0.07 0.00	61.92 -0.06 0.00	54.64 -0.11 0.00	47.34 -0.33 0.00
ELEC_TRO_TEK 24086	39.37 2.12 0.00	35.46 1.72 0.00	32.26 1.48 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.16 1.31 0.00	37.47 1.23 0.00	40.59 1.97 0.00	39.57 2.42 0.00	38.91 2.44 0.00	43.50 3.03 0.00	47.99 2.78 -0.31	50.29 2.80 -0.04	53.43 2.25 0.00	54.50 1.84 0.00	58.34 1.92 0.00	71.31 2.74 0.00	83.81 4.22 0.00	84.74 3.73 0.00	82.07 2.55 0.01	74.47 1.50 1.91	62.47 0.50 0.01	53.82 0.44 1.37	48.77 1.10 0.00
ELLENBURG_WT_PWR 323604	36.80 -0.45 0.00	33.24 -0.51 0.00	30.29 -0.49 0.00	28.10 -0.40 0.00	28.59 -0.26 0.00	32.98 0.13 0.00	36.64 0.40 0.00	39.12 0.50 0.00	37.60 0.45 0.00	36.94 0.47 0.00	40.91 0.45 0.00	45.53 0.63 0.00	47.93 0.47 0.00	51.64 0.46 0.00	53.08 0.42 0.00	56.82 0.40 0.00	68.70 0.14 0.00	79.20 -0.40 0.00	80.53 -0.48 0.00	79.14 -0.40 0.00	75.41 0.53 0.00	62.92 0.80 -0.13	55.95 0.77 -0.44	48.77 0.72 -0.38

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.10 0.86 0.00	34.96 1.21 0.00	31.92 1.14 0.00	29.47 0.97 0.00	29.63 0.78 0.00	32.22 -0.62 0.00	34.86 -1.38 0.00	36.69 -1.93 0.00	35.26 -1.89 0.00	34.97 -1.50 0.00	38.60 -1.86 0.00	43.91 -0.99 0.00	46.08 -1.38 0.00	50.61 -0.56 0.00	52.76 0.11 0.00	56.88 0.45 0.00	67.47 -1.10 0.00	78.80 -0.80 0.00	80.28 -0.73 0.00	80.25 0.72 0.00	73.53 -1.35 0.00	61.30 -0.68 0.00	55.13 0.38 0.00	48.01 0.33 0.00
EMPIRE_CC_1 323656	37.77 0.52 0.00	34.25 0.51 0.00	31.40 0.62 0.00	29.10 0.60 0.00	29.34 0.49 0.00	33.24 0.40 0.00	36.46 0.22 0.00	39.00 0.39 0.00	37.60 0.45 0.00	36.83 0.36 0.00	40.87 0.40 0.00	44.54 0.14 0.49	47.49 0.10 0.06	51.23 0.05 0.00	52.60 -0.05 0.00	56.31 -0.11 0.00	68.70 0.14 0.00	80.47 0.88 0.00	81.66 0.65 0.00	80.09 0.56 0.00	74.95 0.07 0.00	61.80 -0.19 0.00	54.47 -0.27 0.00	47.39 -0.28 0.00
EMPIRE_CC_2 323658	37.77 0.52 0.00	34.25 0.51 0.00	31.40 0.62 0.00	29.10 0.60 0.00	29.34 0.49 0.00	33.24 0.40 0.00	36.46 0.22 0.00	39.00 0.39 0.00	37.60 0.45 0.00	36.83 0.36 0.00	40.87 0.40 0.00	44.54 0.14 0.49	47.49 0.10 0.06	51.23 0.05 0.00	52.60 -0.05 0.00	56.31 -0.11 0.00	68.70 0.14 0.00	80.47 0.88 0.00	81.66 0.65 0.00	80.09 0.56 0.00	74.95 0.07 0.00	61.80 -0.19 0.00	54.47 -0.27 0.00	47.39 -0.28 0.00
ENORWICH_115KV_TB1 80156	39.82 2.57 0.00	36.11 2.36 0.00	32.97 2.19 0.00	30.52 2.02 0.00	30.90 2.05 0.00	34.95 2.10 0.00	38.63 2.39 0.00	41.05 2.43 0.00	38.79 1.63 0.00	37.81 1.35 0.00	41.72 1.25 0.00	46.69 1.80 0.00	49.45 1.99 0.00	54.04 2.87 0.00	55.92 3.26 0.00	60.38 3.95 0.00	73.57 5.01 0.00	86.76 7.16 0.00	89.52 8.51 0.00	88.92 9.38 0.00	82.74 7.86 0.00	68.06 6.07 0.00	59.62 4.87 0.00	51.53 3.86 0.00
ERIE_ST__34_KV_TB1-2 80199	37.95 0.71 0.00	34.76 1.01 0.00	31.74 0.95 0.00	29.27 0.77 0.00	29.46 0.61 0.00	32.12 -0.72 0.00	34.86 -1.38 0.00	36.76 -1.85 0.00	35.37 -1.78 0.00	35.12 -1.35 0.00	38.77 -1.70 0.00	44.18 -0.72 0.00	46.31 -1.14 0.00	50.97 -0.20 0.00	53.13 0.47 0.00	57.38 0.96 0.00	68.02 -0.55 0.00	79.51 -0.08 0.00	80.93 -0.08 0.00	80.97 1.43 0.00	73.98 -0.90 0.00	61.74 -0.25 0.00	55.46 0.71 0.00	48.05 0.38 0.00
ERIE_WT_PWR 323693	38.21 0.97 0.00	35.03 1.28 0.00	32.02 1.23 0.00	29.53 1.02 0.00	29.69 0.84 0.00	32.35 -0.49 0.00	35.00 -1.23 0.00	36.84 -1.78 0.00	35.71 -1.45 0.00	35.15 -1.31 0.00	39.01 -1.46 0.00	44.13 -0.76 0.00	47.22 -0.24 0.00	50.97 -0.20 0.00	52.97 0.32 0.00	56.99 0.56 0.00	67.88 -0.69 0.00	79.36 -0.24 0.00	83.04 2.03 0.00	80.80 1.27 0.00	73.98 -0.90 0.00	61.68 -0.31 0.00	55.51 0.77 0.00	49.06 1.38 0.00
ESPRGFLD_115KV_TB1 80157	39.63 2.38 0.00	35.90 2.16 0.00	32.73 1.94 0.00	30.27 1.77 0.00	30.64 1.79 0.00	34.75 1.91 0.00	38.19 1.96 0.00	40.43 1.82 0.00	39.76 2.60 0.00	38.62 2.15 0.00	42.65 2.19 0.00	47.09 2.42 0.23	50.08 2.66 0.03	54.40 3.22 0.00	56.18 3.53 0.00	60.49 4.06 0.00	73.91 5.35 0.00	88.11 8.52 0.00	91.95 10.94 0.00	91.86 12.33 0.00	86.41 11.53 0.00	71.22 9.24 0.00	62.19 7.45 0.00	53.68 6.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.03 0.78 0.00	34.59 0.84 0.00	31.59 0.80 0.00	29.18 0.68 0.00	29.52 0.66 0.00	33.31 0.46 0.00	36.71 0.47 0.00	38.97 0.35 0.00	37.27 0.11 0.00	36.54 0.07 0.00	40.47 0.00 0.00	45.17 0.27 0.00	47.74 0.28 0.00	51.84 0.67 0.00	53.50 0.84 0.00	57.55 1.13 0.00	69.94 1.37 0.00	81.98 2.39 0.00	84.01 3.00 0.00	83.03 3.50 0.00	77.42 2.55 0.00	63.85 1.86 0.00	56.28 1.53 0.00	48.63 0.95 0.00
ETNA____115KV_TB2 80207	38.03 0.78 0.00	34.59 0.84 0.00	31.59 0.80 0.00	29.18 0.68 0.00	29.52 0.66 0.00	33.31 0.46 0.00	36.71 0.47 0.00	38.97 0.35 0.00	37.27 0.11 0.00	36.54 0.07 0.00	40.47 0.00 0.00	45.17 0.27 0.00	47.74 0.28 0.00	51.84 0.67 0.00	53.50 0.84 0.00	57.55 1.13 0.00	69.94 1.37 0.00	81.98 2.39 0.00	84.01 3.00 0.00	83.03 3.50 0.00	77.42 2.55 0.00	63.85 1.86 0.00	56.28 1.53 0.00	48.63 0.95 0.00
EUCLID__115KV_TB2 356179	36.76 -0.48 0.00	33.54 -0.20 0.00	30.66 -0.12 0.00	28.36 -0.14 0.00	28.65 -0.20 0.00	32.39 -0.46 0.00	35.66 -0.58 0.00	37.81 -0.81 0.00	36.30 -0.85 0.00	35.66 -0.80 0.00	39.62 -0.85 0.00	44.13 -0.76 0.00	46.65 -0.81 0.00	50.51 -0.67 0.00	52.08 -0.58 0.00	55.92 -0.51 0.00	67.88 -0.69 0.00	79.20 -0.40 0.00	80.77 -0.24 0.00	79.53 0.00 0.00	74.35 -0.52 0.00	61.37 -0.62 0.00	54.14 -0.60 0.00	46.96 -0.72 0.00
E_CANADA_CAP_HY 24051	40.34 3.09 0.00	36.51 2.77 0.00	33.28 2.49 0.00	30.78 2.28 0.00	31.16 2.31 0.00	35.41 2.56 0.00	38.70 2.47 0.00	40.70 2.08 0.00	39.24 2.08 0.00	38.11 1.64 0.00	42.09 1.62 0.00	46.37 1.71 0.23	49.33 1.90 0.03	53.53 2.36 0.00	55.24 2.58 0.00	59.47 3.04 0.00	72.61 4.04 0.00	86.52 6.92 0.00	90.32 9.31 0.00	90.35 10.81 0.00	85.14 10.26 0.00	70.29 8.31 0.00	61.53 6.79 0.00	53.15 5.48 0.00
E_CANADA_MHWK_HY 24050	36.72 -0.52 0.00	33.24 -0.51 0.00	30.35 -0.43 0.00	28.10 -0.40 0.00	28.42 -0.43 0.00	32.39 -0.46 0.00	35.73 -0.51 0.00	38.12 -0.50 0.00	36.56 -0.60 0.00	35.84 -0.62 0.00	39.78 -0.69 0.00	44.13 -0.76 0.00	46.65 -0.81 0.00	50.41 -0.77 0.00	51.87 -0.79 0.00	55.58 -0.84 0.00	67.54 -1.03 0.00	78.64 -0.95 0.00	80.12 -0.89 0.00	78.66 -0.87 0.00	73.83 -1.05 0.00	61.12 -0.87 0.00	53.87 -0.88 0.00	46.91 -0.76 0.00
E_FISHKILL__LBMP 23776	38.55 1.30 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.44 0.94 0.00	29.69 0.84 0.00	33.70 0.85 0.00	37.07 0.83 0.00	39.89 1.27 0.00	38.68 1.52 0.00	38.03 1.57 0.00	42.29 1.82 0.00	46.97 1.75 -0.32	49.30 1.80 -0.04	52.82 1.64 0.00	54.18 1.53 0.00	57.89 1.47 0.00	70.69 2.13 0.00	82.70 3.10 0.00	84.01 3.00 0.00	81.92 2.39 0.00	76.38 1.50 0.00	62.61 0.62 0.00	55.40 0.66 0.00	48.48 0.81 0.00
FALCON__SEABRD_CC1 323796	36.91 -0.34 0.00	33.34 -0.40 0.00	30.42 -0.37 0.00	28.22 -0.28 0.00	28.68 -0.17 0.00	33.11 0.26 0.00	36.81 0.58 0.00	39.31 0.70 0.00	37.79 0.63 0.00	37.08 0.62 0.00	41.07 0.61 0.00	45.80 0.90 0.00	47.98 0.52 0.00	51.74 0.56 0.00	53.13 0.47 0.00	56.93 0.51 0.00	68.77 0.21 0.00	79.36 -0.24 0.00	80.69 -0.32 0.00	79.38 -0.16 0.00	75.63 0.75 0.00	63.01 0.87 -0.15	56.09 0.82 -0.52	48.84 0.72 -0.45
FALCON__SEABRD_CC2 323797	36.91 -0.34 0.00	33.34 -0.40 0.00	30.42 -0.37 0.00	28.22 -0.28 0.00	28.68 -0.17 0.00	33.11 0.26 0.00	36.81 0.58 0.00	39.31 0.70 0.00	37.79 0.63 0.00	37.08 0.62 0.00	41.07 0.61 0.00	45.80 0.90 0.00	47.98 0.52 0.00	51.74 0.56 0.00	53.13 0.47 0.00	56.93 0.51 0.00	68.77 0.21 0.00	79.36 -0.24 0.00	80.69 -0.32 0.00	79.38 -0.16 0.00	75.63 0.75 0.00	63.01 0.87 -0.15	56.09 0.82 -0.52	48.84 0.72 -0.45

FAR ROCKAWAY___4 23548	39.96 2.72 0.00	36.00 2.26 0.00	32.73 1.94 0.00	30.13 1.62 0.00	30.35 1.50 0.00	34.65 1.81 0.00	37.94 1.70 0.00	41.13 2.51 0.00	40.13 2.97 0.00	39.46 2.99 0.00	44.19 3.72 0.00	48.85 3.64 -0.31	51.19 3.70 -0.04	54.45 3.28 0.00	55.60 2.95 0.00	59.59 3.16 0.00	72.95 4.39 0.00	85.80 6.21 0.00	86.76 5.75 0.00	83.90 4.37 0.01	77.25 3.22 0.85	63.84 1.86 0.01	55.62 1.48 0.61	49.77 2.10 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.11 1.86 0.00	35.30 1.55 0.00	32.20 1.42 0.00	29.78 1.28 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.54 1.30 0.00	40.55 1.93 0.00	39.46 2.30 0.00	38.87 2.41 0.00	43.26 2.79 0.00	47.90 2.69 -0.31	50.34 2.85 -0.04	53.84 2.66 0.00	55.18 2.53 0.00	58.91 2.48 0.00	71.86 3.29 0.00	84.05 4.46 0.00	85.14 4.13 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.10 1.12 0.00	56.12 1.37 0.00	49.10 1.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.11 1.86 0.00	35.30 1.55 0.00	32.20 1.42 0.00	29.78 1.28 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.58 1.34 0.00	40.55 1.93 0.00	39.46 2.30 0.00	38.87 2.41 0.00	43.26 2.79 0.00	47.90 2.69 -0.31	50.34 2.85 -0.04	53.84 2.66 0.00	55.18 2.53 0.00	58.91 2.48 0.00	71.86 3.29 0.00	84.05 4.46 0.00	85.14 4.13 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.10 1.12 0.00	56.12 1.37 0.00	49.15 1.48 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.07 1.83 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.54 1.30 0.00	40.51 1.89 0.00	39.42 2.27 0.00	38.84 2.37 0.00	43.22 2.75 0.00	47.86 2.65 -0.31	50.29 2.80 -0.04	53.79 2.61 0.00	55.13 2.47 0.00	58.85 2.43 0.00	71.79 3.22 0.00	83.97 4.38 0.00	85.06 4.05 0.00	82.87 3.34 0.00	77.20 2.32 0.00	63.04 1.05 0.00	56.06 1.31 0.00	49.05 1.38 0.00
FARRAGUT___LBMP 323566	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.47 1.85 0.00	39.39 2.23 0.00	38.80 2.33 0.00	43.18 2.71 0.00	47.81 2.60 -0.31	50.24 2.75 -0.04	53.74 2.56 0.00	55.08 2.42 0.00	58.80 2.37 0.00	71.72 3.15 0.00	83.81 4.22 0.00	84.98 3.97 0.00	82.79 3.26 0.00	77.12 2.25 0.00	62.98 0.99 0.00	56.01 1.26 0.00	49.05 1.38 0.00
FENNER___WINDPWR 24204	37.95 0.71 0.00	34.45 0.71 0.00	31.46 0.68 0.00	29.13 0.63 0.00	29.46 0.61 0.00	33.44 0.59 0.00	36.85 0.62 0.00	39.23 0.62 0.00	37.53 0.37 0.00	36.79 0.33 0.00	40.79 0.32 0.00	45.39 0.49 0.00	48.12 0.66 0.00	52.15 0.97 0.00	53.76 1.11 0.00	57.78 1.35 0.00	70.21 1.64 0.00	82.06 2.47 0.00	84.17 3.16 0.00	82.80 3.26 0.00	77.50 2.62 0.00	64.06 1.98 -0.09	56.57 1.53 -0.29	49.16 1.24 -0.25
FIBERTEK___ENERGY 23856	37.17 -0.07 0.00	33.88 0.13 0.00	30.97 0.18 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.72 -0.13 0.00	36.06 -0.18 0.00	38.23 -0.39 0.00	36.71 -0.45 0.00	36.03 -0.44 0.00	40.02 -0.45 0.00	44.63 -0.27 0.00	47.17 -0.28 0.00	51.13 -0.05 0.00	52.71 0.05 0.00	56.65 0.23 0.00	68.70 0.14 0.00	80.23 0.64 0.00	81.98 0.97 0.00	80.73 1.19 0.00	75.40 0.52 0.00	62.23 0.25 0.00	54.86 0.11 0.00	47.53 -0.14 0.00
FITZPATRICK___ 23598	36.24 -1.00 0.00	33.03 -0.71 0.00	30.20 -0.59 0.00	27.93 -0.57 0.00	28.22 -0.63 0.00	31.96 -0.89 0.00	35.18 -1.05 0.00	37.31 -1.31 0.00	35.85 -1.30 0.00	35.19 -1.28 0.00	39.09 -1.38 0.00	43.46 -1.44 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.18 -1.47 0.00	54.90 -1.52 0.00	66.72 -1.85 0.00	77.68 -1.91 0.00	79.47 -1.54 0.00	77.94 -1.59 0.00	73.01 -1.87 0.00	60.37 -1.61 0.00	53.27 -1.48 0.00	46.39 -1.28 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.96 1.71 0.00	35.19 1.45 0.00	32.11 1.32 0.00	29.70 1.20 0.00	29.95 1.10 0.00	34.00 1.15 0.00	37.43 1.20 0.00	40.32 1.70 0.00	38.87 1.71 0.00	38.25 1.79 0.00	42.57 2.10 0.00	47.31 2.16 -0.25	49.81 2.33 -0.03	53.58 2.41 0.00	55.08 2.42 0.00	58.96 2.54 0.00	72.20 3.63 0.00	84.53 4.93 0.00	85.87 4.86 0.00	83.83 4.29 0.00	78.02 3.14 0.00	63.91 1.92 0.00	56.44 1.70 0.00	49.20 1.53 0.00
FORT ORANGE___ 23900	37.80 0.56 0.00	34.25 0.51 0.00	31.37 0.58 0.00	29.07 0.57 0.00	29.34 0.49 0.00	33.27 0.43 0.00	36.53 0.29 0.00	39.04 0.43 0.00	37.57 0.41 0.00	36.79 0.33 0.00	40.79 0.32 0.00	44.88 0.23 0.24	47.47 0.05 0.03	51.02 -0.15 0.00	52.50 -0.16 0.00	56.26 -0.17 0.00	68.63 0.07 0.00	80.39 0.80 0.00	81.66 0.65 0.00	80.25 0.71 0.00	75.18 0.30 0.00	61.92 -0.06 0.00	54.53 -0.22 0.00	47.58 -0.10 0.00
FORT_DRUM_COGEN 23780	38.88 1.64 0.00	35.23 1.48 0.00	32.11 1.32 0.00	29.78 1.28 0.00	30.15 1.30 0.00	34.42 1.58 0.00	38.12 1.88 0.00	40.47 1.85 0.00	38.31 1.15 0.00	37.41 0.95 0.00	41.36 0.89 0.00	46.11 1.21 0.00	48.73 1.28 0.00	52.97 1.79 0.00	54.45 1.79 0.00	58.51 2.09 0.00	71.03 2.47 0.00	83.42 3.82 0.00	86.20 5.18 0.00	86.06 6.52 0.00	80.94 6.07 0.00	67.72 5.14 -0.59	60.73 4.00 -1.99	52.57 3.19 -1.71
FOX_HILLS___ESR 323835	39.29 2.05 0.00	35.40 1.65 0.00	32.29 1.51 0.00	29.84 1.34 0.00	30.04 1.18 0.00	34.16 1.31 0.00	37.61 1.38 0.00	40.43 1.82 0.00	39.42 2.27 0.00	38.87 2.41 0.00	43.30 2.83 0.00	47.64 2.42 -0.31	48.32 2.42 1.55	48.50 2.25 4.93	50.50 2.21 4.37	50.83 1.75 7.34	58.52 2.54 12.58	69.91 3.58 13.26	68.22 3.24 16.03	56.21 2.55 25.87	51.23 1.65 25.30	51.25 0.50 11.24	50.25 0.93 5.43	48.80 1.14 0.01
FPL_FAR_ROCK_GT1 24212	39.96 2.72 0.00	36.00 2.26 0.00	32.73 1.94 0.00	30.12 1.62 0.00	30.35 1.50 0.00	34.65 1.81 0.00	37.94 1.70 0.00	41.13 2.51 0.00	40.06 2.90 0.00	39.46 2.99 0.00	44.19 3.72 -0.01	48.49 3.28 -0.31	50.43 2.94 -0.04	54.04 2.86 0.00	55.76 3.11 0.00	59.93 3.50 0.00	72.96 4.39 0.00	85.64 6.05 0.00	86.60 5.59 0.00	83.90 4.37 0.01	77.25 3.22 0.85	63.84 1.86 0.01	55.62 1.48 0.61	48.63 0.95 0.00
FPL_FAR_ROCK_GT2 23815	39.96 2.72 0.00	36.00 2.26 0.00	32.73 1.94 0.00	30.12 1.62 0.00	30.35 1.50 0.00	34.65 1.81 0.00	37.94 1.70 0.00	41.13 2.51 0.00	40.06 2.90 0.00	39.46 2.99 0.00	44.19 3.72 -0.01	48.49 3.28 -0.31	50.43 2.94 -0.04	54.04 2.86 0.00	55.76 3.11 0.00	59.93 3.50 0.00	72.96 4.39 0.00	85.64 6.05 0.00	86.60 5.59 0.00	83.90 4.37 0.01	77.25 3.22 0.85	63.84 1.86 0.01	55.62 1.48 0.61	48.63 0.95 0.00
FRANKLIN_FALL_HYD 24054	37.43 0.19 0.00	33.81 0.07 0.00	30.82 0.03 0.00	28.56 0.06 0.00	29.03 0.17 0.00	33.54 0.69 0.00	37.32 1.09 0.00	39.85 1.24 0.00	38.20 1.04 0.00	37.52 1.06 0.00	41.52 1.05 0.00	46.15 1.26 0.00	48.83 1.38 0.00	52.71 1.54 0.00	54.08 1.42 0.00	57.84 1.41 0.00	69.73 1.17 0.00	80.55 0.96 0.00	82.06 1.05 0.00	80.81 1.27 0.00	77.05 2.17 0.00	64.96 2.17 -0.80	59.49 2.03 -2.72	51.77 1.76 -2.33



FREEPORT_EQUS_GT1 23764	39.63 2.39 0.00	35.73 1.99 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.39 1.54 0.00	37.69 1.45 0.00	40.82 2.20 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.75 3.28 -0.01	47.95 2.74 -0.31	49.82 2.32 -0.04	53.33 2.15 0.00	55.03 2.37 0.00	59.13 2.71 0.00	71.65 3.09 0.00	84.21 4.61 0.00	85.06 4.05 0.00	82.38 2.86 0.01	72.18 1.79 4.49	62.84 0.87 0.01	52.24 0.71 3.22	47.91 0.24 0.00
FREEPORT___CT2 23818	39.63 2.39 0.00	35.73 1.99 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.39 1.54 0.00	37.69 1.45 0.00	40.82 2.20 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.75 3.28 -0.01	47.95 2.74 -0.31	49.82 2.32 -0.04	53.33 2.15 0.00	55.03 2.37 0.00	59.13 2.71 0.00	71.65 3.09 0.00	84.21 4.61 0.00	85.06 4.05 0.00	82.38 2.86 0.01	72.18 1.79 4.49	62.84 0.87 0.01	52.24 0.71 3.22	47.91 0.24 0.00
FRESHKLS_33_KV_LOAD 356253	39.37 2.12 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.91 2.44 0.00	43.34 2.87 0.00	47.59 2.38 -0.31	48.23 2.33 1.55	48.40 2.15 4.93	50.39 2.11 4.37	50.77 1.69 7.34	58.45 2.47 12.58	69.83 3.50 13.26	68.14 3.16 16.03	56.21 2.55 25.87	51.15 1.57 25.30	51.18 0.43 11.24	50.20 0.88 5.43	48.71 1.05 0.01
FULTON COGEN____ 23766	36.72 -0.52 0.00	33.51 -0.24 0.00	30.60 -0.18 0.00	28.30 -0.20 0.00	28.59 -0.26 0.00	32.35 -0.49 0.00	35.66 -0.58 0.00	37.81 -0.81 0.00	36.30 -0.85 0.00	35.63 -0.84 0.00	39.58 -0.89 0.00	44.09 -0.81 0.00	46.50 -0.95 0.00	50.36 -0.82 0.00	51.92 -0.74 0.00	55.75 -0.68 0.00	67.74 -0.82 0.00	79.04 -0.56 0.00	80.69 -0.32 0.00	79.45 -0.08 0.00	74.28 -0.60 0.00	61.37 -0.62 0.00	54.09 -0.66 0.00	46.86 -0.81 0.00
FULTON___LFGE 323630	40.07 2.83 0.00	36.24 2.50 0.00	33.03 2.25 0.00	30.55 2.05 0.00	30.93 2.08 0.00	35.15 2.30 0.00	38.48 2.25 0.00	40.47 1.85 0.00	38.75 1.60 0.00	37.52 1.06 0.00	41.35 0.89 0.00	45.52 0.85 0.23	48.32 0.90 0.03	52.40 1.23 0.00	54.13 1.47 0.00	58.34 1.92 0.00	71.58 3.01 0.00	85.48 5.89 0.00	89.03 8.02 0.00	88.83 9.30 0.00	83.63 8.76 0.00	68.87 6.88 0.00	60.39 5.64 0.00	52.15 4.48 0.00
G.F.CEMENT___DRP 24184	39.00 1.75 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.75 1.25 0.00	30.09 1.24 0.00	34.19 1.35 0.00	37.54 1.30 0.00	39.97 1.35 0.00	38.46 1.30 0.00	37.63 1.17 0.00	41.44 0.97 0.00	45.68 1.08 0.30	48.51 1.09 0.04	52.51 1.33 0.00	54.13 1.47 0.00	58.12 1.69 0.00	71.17 2.61 0.00	84.13 4.54 0.00	86.60 5.59 0.00	85.10 5.57 0.00	79.90 5.02 0.00	65.64 3.66 0.00	57.59 2.85 0.00	49.82 2.15 0.00
GARDENVILLE___LBMP 24039	38.14 0.89 0.00	34.96 1.21 0.00	31.92 1.14 0.00	29.47 0.97 0.00	29.63 0.78 0.00	32.26 -0.59 0.00	34.93 -1.30 0.00	36.76 -1.85 0.00	35.34 -1.82 0.00	35.04 -1.42 0.00	38.68 -1.78 0.00	44.00 -0.90 0.00	46.17 -1.28 0.00	50.72 -0.46 0.00	52.87 0.21 0.00	57.05 0.62 0.00	67.61 -0.96 0.00	79.04 -0.56 0.00	80.53 -0.49 0.00	80.57 1.03 0.00	73.76 -1.12 0.00	61.49 -0.50 0.00	55.29 0.55 0.00	48.10 0.43 0.00
GARDNVLA_35_KV_LD 355827	38.29 1.04 0.00	35.09 1.35 0.00	32.05 1.26 0.00	29.56 1.05 0.00	29.75 0.89 0.00	32.35 -0.49 0.00	35.04 -1.20 0.00	36.92 -1.70 0.00	35.48 -1.67 0.00	35.19 -1.28 0.00	38.89 -1.58 0.00	44.22 -0.67 0.00	46.41 -1.04 0.00	51.02 -0.15 0.00	53.18 0.53 0.00	57.38 0.96 0.00	68.02 -0.55 0.00	79.51 -0.08 0.00	80.93 -0.08 0.00	80.97 1.43 0.00	74.13 -0.75 0.00	61.80 -0.19 0.00	55.62 0.88 0.00	48.34 0.67 0.00
GELCKHM___115KV_LOAD 80723	36.91 -0.34 0.00	33.68 -0.07 0.00	30.79 0.00 0.00	28.44 -0.06 0.00	28.77 -0.09 0.00	32.52 -0.33 0.00	35.80 -0.43 0.00	37.96 -0.66 0.00	36.45 -0.71 0.00	35.81 -0.66 0.00	39.78 -0.69 0.00	44.31 -0.58 0.00	46.84 -0.62 0.00	50.77 -0.41 0.00	52.34 -0.32 0.00	56.20 -0.23 0.00	68.22 -0.34 0.00	79.59 0.00 0.00	81.25 0.24 0.00	79.93 0.40 0.00	74.73 -0.15 0.00	61.68 -0.31 0.00	54.42 -0.33 0.00	47.15 -0.52 0.00
GENERAL___MILLS 23808	38.18 0.93 0.00	35.03 1.28 0.00	31.99 1.20 0.00	29.50 1.00 0.00	29.69 0.84 0.00	32.32 -0.53 0.00	34.97 -1.27 0.00	36.84 -1.78 0.00	35.41 -1.75 0.00	35.12 -1.35 0.00	38.77 -1.70 0.00	44.09 -0.81 0.00	46.27 -1.19 0.00	50.87 -0.31 0.00	53.02 0.37 0.00	57.22 0.79 0.00	67.81 -0.75 0.00	79.28 -0.32 0.00	80.69 -0.32 0.00	80.73 1.19 0.00	73.98 -0.90 0.00	61.68 -0.31 0.00	55.46 0.71 0.00	48.20 0.52 0.00
GE_PLASTICS___DRP 24183	37.73 0.48 0.00	34.18 0.44 0.00	31.31 0.52 0.00	29.01 0.51 0.00	29.29 0.43 0.00	33.21 0.36 0.00	36.45 0.22 0.00	39.00 0.39 0.00	37.60 0.45 0.00	36.87 0.40 0.00	40.91 0.45 0.00	44.98 0.27 0.19	47.71 0.28 0.02	50.87 -0.31 0.00	52.29 -0.37 0.00	55.92 -0.51 0.00	68.15 -0.41 0.00	79.51 -0.08 0.00	81.01 0.00 0.00	79.22 -0.32 0.00	74.28 -0.60 0.00	61.30 -0.68 0.00	54.04 -0.71 0.00	47.58 -0.10 0.00
GILBOA___1 23756	37.95 0.71 0.00	34.35 0.61 0.00	31.59 0.80 0.00	29.27 0.77 0.00	29.52 0.66 0.00	33.50 0.66 0.00	36.64 0.40 0.00	39.27 0.66 0.00	37.90 0.74 0.00	37.19 0.73 0.00	41.27 0.81 0.00	45.61 0.72 0.00	48.12 0.66 0.00	51.79 0.62 0.00	53.24 0.58 0.00	56.82 0.40 0.00	69.25 0.69 0.00	80.55 0.96 0.00	81.42 0.41 0.00	80.17 0.63 0.00	75.03 0.15 0.00	62.23 0.25 0.00	54.97 0.22 0.00	47.82 0.14 0.00
GILBOA___2 23757	37.95 0.71 0.00	34.35 0.61 0.00	31.59 0.80 0.00	29.27 0.77 0.00	29.52 0.66 0.00	33.50 0.66 0.00	36.64 0.40 0.00	39.27 0.66 0.00	37.90 0.74 0.00	37.19 0.73 0.00	41.27 0.81 0.00	45.61 0.72 0.00	48.12 0.66 0.00	51.79 0.62 0.00	53.24 0.58 0.00	56.82 0.40 0.00	69.25 0.69 0.00	80.55 0.96 0.00	81.42 0.41 0.00	80.17 0.63 0.00	75.03 0.15 0.00	62.23 0.25 0.00	54.97 0.22 0.00	47.82 0.14 0.00
GILBOA___3 23758	37.95 0.71 0.00	34.35 0.61 0.00	31.59 0.80 0.00	29.27 0.77 0.00	29.52 0.66 0.00	33.50 0.66 0.00	36.64 0.40 0.00	39.27 0.66 0.00	37.90 0.74 0.00	37.19 0.73 0.00	41.27 0.81 0.00	45.61 0.72 0.00	48.12 0.66 0.00	51.79 0.62 0.00	53.24 0.58 0.00	56.82 0.40 0.00	69.25 0.69 0.00	80.55 0.96 0.00	81.42 0.41 0.00	80.17 0.63 0.00	75.03 0.15 0.00	62.23 0.25 0.00	54.97 0.22 0.00	47.82 0.14 0.00
GILBOA___4 23759	37.95 0.71 0.00	34.35 0.61 0.00	31.59 0.80 0.00	29.27 0.77 0.00	29.52 0.66 0.00	33.50 0.66 0.00	36.64 0.40 0.00	39.27 0.66 0.00	37.90 0.74 0.00	37.19 0.73 0.00	41.27 0.81 0.00	45.61 0.72 0.00	48.12 0.66 0.00	51.79 0.62 0.00	53.24 0.58 0.00	56.82 0.40 0.00	69.25 0.69 0.00	80.55 0.96 0.00	81.42 0.41 0.00	80.17 0.63 0.00	75.03 0.15 0.00	62.23 0.25 0.00	54.97 0.22 0.00	47.82 0.14 0.00

GILBOA____ 23599	37.95 0.71 0.00	34.35 0.61 0.00	31.59 0.80 0.00	29.27 0.77 0.00	29.52 0.66 0.00	33.50 0.66 0.00	36.64 0.40 0.00	39.27 0.66 0.00	37.94 0.78 0.00	37.19 0.73 0.00	41.32 0.85 0.00	45.62 0.72 0.00	48.21 0.76 0.00	51.84 0.67 0.00	53.24 0.58 0.00	56.82 0.39 0.00	69.25 0.69 0.00	80.55 0.96 0.00	81.98 0.97 0.00	80.17 0.64 0.00	75.03 0.15 0.00	62.23 0.25 0.00	54.97 0.22 0.00	47.96 0.29 0.00
GINNA____ 23603	36.20 -1.04 0.00	33.03 -0.71 0.00	30.17 -0.62 0.00	27.90 -0.60 0.00	28.13 -0.72 0.00	31.34 -1.51 0.00	34.35 -1.89 0.00	36.42 -2.20 0.00	35.04 -2.12 0.00	34.35 -2.12 0.00	38.28 -2.19 0.00	42.92 -1.97 0.00	45.65 -1.80 0.00	49.49 -1.69 0.00	51.24 -1.42 0.00	55.13 -1.30 0.00	66.65 -1.92 0.00	77.92 -1.68 0.00	80.45 -0.56 0.00	78.58 -0.95 0.00	73.16 -1.72 0.00	60.37 -1.61 0.00	53.38 -1.37 0.00	46.58 -1.09 0.00
GLEN PARK____ 23778	39.07 1.82 0.00	35.40 1.65 0.00	32.29 1.51 0.00	29.92 1.42 0.00	30.32 1.47 0.00	34.59 1.74 0.00	38.30 2.06 0.00	40.63 2.01 0.00	38.46 1.30 0.00	37.52 1.06 0.00	41.43 0.97 0.00	46.24 1.35 0.00	48.93 1.47 0.00	53.17 1.99 0.00	54.55 1.89 0.00	58.62 2.20 0.00	71.38 2.81 0.00	83.89 4.30 0.00	87.01 5.99 0.00	86.77 7.24 0.00	81.69 6.81 0.00	68.23 5.70 -0.55	60.98 4.38 -1.86	52.89 3.62 -1.59
GLENDALE_27_KV_LOAD 356172	39.44 2.20 0.00	35.57 1.82 0.00	32.45 1.66 0.00	30.01 1.51 0.00	30.24 1.38 0.00	34.32 1.48 0.00	37.83 1.59 0.00	40.70 2.09 0.00	39.72 2.56 0.00	39.16 2.70 0.00	43.58 3.12 0.00	48.13 2.92 -0.31	50.48 2.99 -0.04	53.99 2.81 0.00	55.45 2.79 0.00	58.80 2.37 0.00	71.79 3.22 0.00	83.97 4.38 0.00	85.06 4.05 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.10 1.12 0.00	56.28 1.53 0.00	49.34 1.67 0.00
GLENWOOD_IC_1_G5 23712	39.33 2.09 0.00	35.50 1.75 0.00	32.33 1.54 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.23 1.38 0.00	37.58 1.34 0.00	40.63 2.01 0.00	39.35 2.19 0.00	38.69 2.22 0.00	43.26 2.79 0.00	47.86 2.65 -0.31	50.58 3.08 -0.04	53.94 2.76 0.00	55.18 2.53 0.00	58.63 2.20 0.00	71.65 3.09 0.00	83.97 4.38 0.00	85.06 4.05 0.00	82.47 2.94 0.01	74.14 1.95 2.69	62.79 0.81 0.01	53.86 1.04 1.93	49.10 1.43 0.00
GLENWOOD_IC_2_G1 23688	39.14 1.90 0.00	35.33 1.59 0.00	32.17 1.39 0.00	29.73 1.22 0.00	29.95 1.10 0.00	34.06 1.22 0.00	37.47 1.23 0.00	40.47 1.85 0.00	39.31 2.15 0.00	38.73 2.26 0.00	43.18 2.71 -0.01	47.63 2.42 -0.31	49.82 2.32 -0.04	53.43 2.25 0.00	54.97 2.31 0.00	58.79 2.37 0.00	71.65 3.09 0.00	83.89 4.30 0.00	84.82 3.81 0.00	82.63 3.10 0.00	76.95 2.09 0.03	62.92 0.93 0.00	55.66 0.93 0.02	48.34 0.67 0.00
GLENWOOD_IC_3_G1 23689	39.14 1.90 0.00	35.33 1.59 0.00	32.17 1.39 0.00	29.73 1.22 0.00	29.95 1.10 0.00	34.06 1.22 0.00	37.47 1.23 0.00	40.47 1.85 0.00	39.31 2.15 0.00	38.73 2.26 0.00	43.18 2.71 -0.01	47.63 2.42 -0.31	49.82 2.32 -0.04	53.43 2.25 0.00	54.97 2.31 0.00	58.79 2.37 0.00	71.65 3.09 0.00	83.89 4.30 0.00	84.82 3.81 0.00	82.63 3.10 0.00	76.95 2.09 0.03	62.92 0.93 0.00	55.66 0.93 0.02	48.34 0.67 0.00
GLENWOOD____4 23550	39.33 2.09 0.00	35.50 1.75 0.00	32.33 1.54 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.23 1.38 0.00	37.58 1.34 0.00	40.63 2.01 0.00	39.42 2.27 0.00	38.76 2.30 0.00	43.34 2.87 0.00	47.95 2.74 -0.31	50.58 3.08 -0.04	53.94 2.76 0.00	55.18 2.53 0.00	58.74 2.31 0.00	71.79 3.22 0.00	84.21 4.62 0.00	85.22 4.21 0.00	82.71 3.18 0.01	74.29 2.10 2.69	62.91 0.93 0.01	53.86 1.04 1.93	49.10 1.43 0.00
GLENWOOD____5 23614	39.33 2.09 0.00	35.50 1.75 0.00	32.33 1.54 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.23 1.38 0.00	37.58 1.34 0.00	40.63 2.01 0.00	39.42 2.27 0.00	38.76 2.30 0.00	43.34 2.87 0.00	47.95 2.74 -0.31	50.58 3.08 -0.04	53.94 2.76 0.00	55.18 2.53 0.00	58.74 2.31 0.00	71.79 3.22 0.00	84.21 4.62 0.00	85.22 4.21 0.00	82.71 3.18 0.01	74.29 2.10 2.69	62.91 0.93 0.01	53.86 1.04 1.93	49.10 1.43 0.00
GLOBAL GREEN_PORT_GT1 23814	40.97 3.72 0.00	36.85 3.10 0.00	33.43 2.65 0.00	30.72 2.22 0.00	30.96 2.11 0.00	35.38 2.53 0.00	38.59 2.35 0.00	42.05 3.44 0.00	41.17 4.01 0.00	40.55 4.08 0.00	45.57 5.10 -0.01	50.06 4.85 -0.31	51.95 4.46 -0.04	55.79 4.61 0.00	57.76 5.11 0.00	62.47 6.04 0.00	75.63 7.06 0.00	89.38 9.79 0.00	90.08 9.07 0.00	86.43 6.92 0.02	71.85 5.09 8.13	65.32 3.34 0.02	51.27 2.35 5.83	49.29 1.62 0.00
GLOBE____DSASP 323697	37.73 0.48 0.00	34.76 1.01 0.00	31.74 0.95 0.00	29.30 0.80 0.00	29.49 0.63 0.00	31.60 -1.25 0.00	34.06 -2.17 0.00	35.76 -2.86 0.00	34.37 -2.79 0.00	34.09 -2.37 0.00	37.59 -2.87 0.00	42.70 -2.20 0.00	44.80 -2.66 0.00	49.23 -1.94 0.00	51.34 -1.32 0.00	55.24 -1.18 0.00	65.48 -3.09 0.00	76.49 -3.10 0.00	77.77 -3.24 0.00	77.86 -1.67 0.00	71.43 -3.44 0.00	59.51 -2.48 0.00	53.65 -1.09 0.00	47.10 -0.57 0.00
GOETHSLN____LBMP 323567	38.88 1.64 0.00	35.09 1.35 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.81 0.95 0.00	33.86 1.02 0.00	37.36 1.12 0.00	40.32 1.70 0.00	39.24 2.08 0.00	38.65 2.19 0.00	43.06 2.59 0.00	47.55 2.33 -0.31	48.38 2.47 1.54	48.51 2.25 4.92	50.40 2.11 4.36	51.04 1.97 7.36	58.64 2.67 12.60	69.98 3.66 13.28	68.28 3.32 16.05	56.35 2.70 25.88	51.29 1.72 25.31	51.29 0.56 11.25	50.19 0.88 5.43	48.70 1.05 0.02
GOLAH____69_KV_TB 1_2 80279	38.10 0.86 0.00	34.79 1.05 0.00	31.77 0.99 0.00	29.36 0.86 0.00	29.60 0.75 0.00	32.78 -0.07 0.00	35.80 -0.43 0.00	37.81 -0.81 0.00	36.26 -0.89 0.00	35.74 -0.73 0.00	39.62 -0.85 0.00	44.63 -0.27 0.00	47.12 -0.33 0.00	51.43 0.26 0.00	53.34 0.68 0.00	57.50 1.07 0.00	69.18 0.62 0.00	80.79 1.19 0.00	82.55 1.54 0.00	82.00 2.47 0.00	76.00 1.12 0.00	62.92 0.93 0.00	55.90 1.15 0.00	48.58 0.91 0.00
GOODYEAR_LAKE_HYD 323669	38.70 1.45 0.00	35.06 1.32 0.00	31.96 1.17 0.00	29.58 1.08 0.00	29.92 1.07 0.00	33.93 1.08 0.00	37.36 1.12 0.00	39.82 1.20 0.00	37.90 0.74 0.00	37.23 0.77 0.00	41.27 0.81 0.00	45.96 0.99 -0.08	48.55 1.09 -0.01	52.51 1.33 0.00	54.08 1.42 0.00	58.01 1.58 0.00	70.55 1.99 0.00	82.46 2.87 0.00	84.09 3.08 0.00	82.64 3.10 0.00	77.12 2.25 0.00	63.54 1.55 0.00	56.01 1.26 0.00	48.72 1.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.73 0.48 0.00	34.32 0.57 0.00	31.34 0.55 0.00	28.99 0.48 0.00	29.26 0.40 0.00	32.88 0.03 0.00	36.16 -0.07 0.00	38.46 -0.15 0.00	36.90 -0.26 0.00	36.28 -0.18 0.00	40.22 -0.24 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.48 0.31 0.00	53.18 0.53 0.00	57.16 0.73 0.00	69.18 0.62 0.00	80.87 1.27 0.00	82.55 1.54 0.00	81.44 1.91 0.00	75.78 0.90 0.00	62.67 0.68 0.00	55.40 0.66 0.00	48.01 0.33 0.00

GOUDEY___7 23579	37.73 0.48 0.00	34.32 0.57 0.00	31.34 0.55 0.00	28.99 0.48 0.00	29.26 0.40 0.00	32.88 0.03 0.00	36.16 -0.07 0.00	38.46 -0.15 0.00	36.90 -0.26 0.00	36.28 -0.18 0.00	40.22 -0.24 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.48 0.31 0.00	53.18 0.53 0.00	57.16 0.73 0.00	69.18 0.62 0.00	80.87 1.27 0.00	82.55 1.54 0.00	81.44 1.91 0.00	75.78 0.90 0.00	62.67 0.68 0.00	55.40 0.66 0.00	48.01 0.33 0.00
GOUDEY___8 23580	37.73 0.48 0.00	34.32 0.57 0.00	31.34 0.55 0.00	28.99 0.48 0.00	29.26 0.40 0.00	32.88 0.03 0.00	36.16 -0.07 0.00	38.46 -0.15 0.00	36.90 -0.26 0.00	36.28 -0.18 0.00	40.22 -0.24 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.48 0.31 0.00	53.18 0.53 0.00	57.16 0.73 0.00	69.18 0.62 0.00	80.87 1.27 0.00	82.55 1.54 0.00	81.44 1.91 0.00	75.78 0.90 0.00	62.67 0.68 0.00	55.40 0.66 0.00	48.01 0.33 0.00
GOWANUS_GT1_1 24077	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GOWANUS_GT1_2 24078	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GOWANUS_GT1_3 24079	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GOWANUS_GT1_4 24080	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GOWANUS_GT1_5 24084	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GOWANUS_GT1_6 24111	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GOWANUS_GT1_7 24112	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GOWANUS_GT1_8 24113	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GOWANUS_GT2_1 24114	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	49.96 2.47 -0.04	53.68 2.51 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT2_2 24115	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	49.96 2.47 -0.04	53.68 2.51 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT2_3 24116	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	49.96 2.47 -0.04	53.68 2.51 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT2_4 24117	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	49.96 2.47 -0.04	53.68 2.51 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT2_5 24118	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	49.96 2.47 -0.04	53.68 2.51 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00

GOWANUS_GT2_6 24119	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	49.96 2.47 -0.04	53.68 2.51 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT2_7 24120	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	49.96 2.47 -0.04	53.68 2.51 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT2_8 24121	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	49.96 2.47 -0.04	53.68 2.51 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT3_1 24122	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT3_2 24123	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT3_3 24124	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT3_4 24125	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT3_5 24126	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT3_6 24127	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT3_7 24128	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT3_8 24129	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
GOWANUS_GT4_1 24130	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.49 3.90 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.79 0.81 0.00	56.01 1.26 0.00	49.05 1.38 0.00
GOWANUS_GT4_2 24131	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.49 3.90 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.79 0.81 0.00	56.01 1.26 0.00	49.05 1.38 0.00
GOWANUS_GT4_3 24132	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.49 3.90 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.79 0.81 0.00	56.01 1.26 0.00	49.05 1.38 0.00
GOWANUS_GT4_4 24133	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.49 3.90 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.79 0.81 0.00	56.01 1.26 0.00	49.05 1.38 0.00

GOWANUS_GT4_5 24134	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.49 3.90 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.79 0.81 0.00	56.01 1.26 0.00	49.05 1.38 0.00
GOWANUS_GT4_6 24135	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.49 3.90 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.79 0.81 0.00	56.01 1.26 0.00	49.05 1.38 0.00
GOWANUS_GT4_7 24136	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.49 3.90 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.79 0.81 0.00	56.01 1.26 0.00	49.05 1.38 0.00
GOWANUS_GT4_8 24137	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.49 3.90 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.79 0.81 0.00	56.01 1.26 0.00	49.05 1.38 0.00
GREATVRV_69_KV_BK1 356245	40.23 2.98 0.00	36.17 2.43 0.00	32.85 2.06 0.00	30.21 1.71 0.00	30.44 1.59 0.00	34.78 1.94 0.00	38.05 1.81 0.00	41.32 2.70 0.00	40.43 3.27 0.00	39.71 3.25 0.00	44.51 4.05 0.00	49.03 3.82 -0.31	51.29 3.80 -0.04	54.35 3.17 0.00	55.29 2.63 0.00	59.19 2.76 0.00	72.41 3.84 0.00	85.32 5.73 0.00	86.20 5.18 0.00	82.94 3.42 0.01	69.33 2.32 7.87	63.21 1.24 0.01	49.98 0.88 5.64	49.67 2.00 0.00
GREENBSH_115KV_TB3 55895	37.58 0.34 0.00	34.05 0.30 0.00	31.22 0.43 0.00	28.93 0.43 0.00	29.20 0.35 0.00	33.11 0.26 0.00	36.35 0.11 0.00	38.89 0.27 0.00	37.49 0.33 0.00	36.72 0.26 0.00	40.75 0.28 0.00	44.68 0.04 0.26	47.47 0.05 0.03	50.92 -0.26 0.00	52.34 -0.32 0.00	55.97 -0.45 0.00	68.29 -0.27 0.00	79.91 0.32 0.00	81.42 0.41 0.00	79.61 0.08 0.00	74.58 -0.30 0.00	61.43 -0.56 0.00	54.14 -0.60 0.00	47.34 -0.33 0.00
GREENDGE_115KV_TB5 80291	38.18 0.93 0.00	34.79 1.05 0.00	31.74 0.95 0.00	29.33 0.83 0.00	29.60 0.75 0.00	33.08 0.23 0.00	36.42 0.18 0.00	38.54 -0.08 0.00	36.82 -0.33 0.00	36.17 -0.29 0.00	40.10 -0.36 0.00	45.03 0.13 0.00	47.17 -0.28 0.00	51.43 0.26 0.00	53.24 0.58 0.00	57.38 0.96 0.00	69.32 0.75 0.00	81.35 1.75 0.00	83.20 2.19 0.00	82.79 3.26 0.00	76.75 1.87 0.00	63.35 1.36 0.00	56.01 1.26 0.00	48.29 0.62 0.00
GREENIDGE___3 23582	38.18 0.93 0.00	34.79 1.05 0.00	31.74 0.95 0.00	29.33 0.83 0.00	29.60 0.75 0.00	33.08 0.23 0.00	36.42 0.18 0.00	38.54 -0.08 0.00	36.82 -0.33 0.00	36.17 -0.29 0.00	40.10 -0.36 0.00	45.03 0.13 0.00	47.17 -0.28 0.00	51.43 0.26 0.00	53.24 0.58 0.00	57.38 0.96 0.00	69.32 0.75 0.00	81.35 1.75 0.00	83.20 2.19 0.00	82.79 3.26 0.00	76.75 1.87 0.00	63.35 1.36 0.00	56.01 1.26 0.00	48.29 0.62 0.00
GREENIDGE___4 23583	38.18 0.93 0.00	34.79 1.05 0.00	31.74 0.96 0.00	29.33 0.83 0.00	29.60 0.75 0.00	33.08 0.23 0.00	36.42 0.18 0.00	38.54 -0.08 0.00	36.93 -0.22 0.00	36.17 -0.29 0.00	40.14 -0.33 0.00	44.99 0.09 0.00	47.45 0.00 0.00	51.49 0.31 0.00	53.24 0.58 0.00	57.27 0.85 0.00	69.32 0.76 0.00	81.34 1.75 0.00	84.41 3.40 0.00	82.80 3.26 0.00	76.75 1.87 0.00	63.35 1.36 0.00	56.01 1.26 0.00	48.72 1.05 0.00
GREENLWN_69_KV_BK 3 55738	39.29 2.05 0.00	35.36 1.62 0.00	32.14 1.35 0.00	29.61 1.11 0.00	29.81 0.95 0.00	34.06 1.22 0.00	37.32 1.09 0.00	40.47 1.85 0.00	39.53 2.38 0.00	38.87 2.41 0.00	43.54 3.08 0.00	47.73 2.51 -0.31	49.77 2.28 -0.04	52.56 1.38 0.00	53.55 0.90 0.00	57.33 0.90 0.00	70.21 1.65 0.00	82.62 3.02 0.00	83.52 2.51 0.00	80.55 1.03 0.02	67.02 0.07 7.94	61.23 -0.74 0.02	48.29 -0.77 5.69	47.96 0.29 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00
GRISSOM___SOLAR 323813	39.81 2.57 0.00	36.04 2.30 0.00	32.88 2.09 0.00	30.38 1.88 0.00	30.76 1.90 0.00	34.95 2.10 0.00	38.26 2.03 0.00	40.32 1.70 0.00	38.53 1.38 0.00	37.27 0.80 0.00	41.03 0.57 0.00	45.12 0.45 0.23	47.90 0.47 0.03	51.89 0.72 0.00	53.60 0.95 0.00	57.78 1.35 0.00	71.03 2.46 0.00	84.77 5.17 0.00	88.22 7.21 0.00	87.96 8.43 0.00	82.67 7.79 0.00	68.12 6.14 0.00	59.73 4.98 0.00	51.68 4.00 0.00
GROVEVILLE___HYD 323602	38.96 1.71 0.00	35.19 1.45 0.00	32.11 1.32 0.00	29.70 1.20 0.00	29.95 1.10 0.00	34.00 1.15 0.00	37.43 1.20 0.00	40.32 1.70 0.00	38.87 1.71 0.00	38.25 1.79 0.00	42.57 2.10 0.00	47.31 2.16 -0.25	49.81 2.33 -0.03	53.58 2.41 0.00	55.08 2.42 0.00	58.96 2.54 0.00	72.20 3.63 0.00	84.53 4.93 0.00	85.87 4.86 0.00	83.83 4.29 0.00	78.02 3.14 0.00	63.91 1.92 0.00	56.44 1.70 0.00	49.20 1.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.17 -0.07 0.00	33.88 0.13 0.00	30.97 0.18 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.72 -0.13 0.00	36.06 -0.18 0.00	38.23 -0.39 0.00	36.71 -0.45 0.00	36.03 -0.44 0.00	40.02 -0.45 0.00	44.63 -0.27 0.00	47.17 -0.28 0.00	51.13 -0.05 0.00	52.71 0.05 0.00	56.65 0.23 0.00	68.70 0.14 0.00	80.23 0.64 0.00	81.98 0.97 0.00	80.73 1.19 0.00	75.40 0.52 0.00	62.23 0.25 0.00	54.86 0.11 0.00	47.53 -0.14 0.00
HAMLTNNY_34_KV_TB 80303	37.43 0.19 0.00	34.11 0.37 0.00	31.16 0.37 0.00	28.81 0.31 0.00	29.11 0.26 0.00	32.81 -0.03 0.00	36.16 -0.07 0.00	38.31 -0.31 0.00	36.78 -0.37 0.00	36.10 -0.36 0.00	40.14 -0.32 0.00	44.81 -0.09 0.00	47.36 -0.09 0.00	51.38 0.20 0.00	53.02 0.37 0.00	57.05 0.62 0.00	69.11 0.55 0.00	80.79 1.19 0.00	82.47 1.46 0.00	81.36 1.83 0.00	75.93 1.05 0.00	62.67 0.68 0.00	55.24 0.49 0.00	47.82 0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	38.06 0.82 0.00	34.42 0.67 0.00	31.34 0.55 0.00	29.04 0.54 0.00	29.46 0.61 0.00	33.83 0.98 0.00	37.65 1.41 0.00	40.01 1.39 0.00	38.12 0.96 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.97 1.08 0.00	48.59 1.14 0.00	52.61 1.43 0.00	53.92 1.26 0.00	57.67 1.24 0.00	69.60 1.03 0.00	80.95 1.35 0.00	83.04 2.03 0.00	82.24 2.71 0.00	77.95 3.07 0.00	66.56 3.10 -1.47	62.41 2.68 -4.98	54.32 2.38 -4.27
HARDSCRABBLE_WT_PWR 323673	36.91 -0.34 0.00	33.44 -0.30 0.00	30.51 -0.28 0.00	28.24 -0.26 0.00	28.59 -0.26 0.00	32.55 -0.30 0.00	35.91 -0.33 0.00	38.31 -0.31 0.00	36.78 -0.37 0.00	36.06 -0.40 0.00	40.02 -0.44 0.00	44.40 -0.49 0.00	46.93 -0.52 0.00	50.72 -0.46 0.00	52.13 -0.53 0.00	55.92 -0.51 0.00	67.95 -0.62 0.00	79.12 -0.47 0.00	80.61 -0.40 0.00	79.06 -0.47 0.00	74.20 -0.68 0.00	61.43 -0.56 0.00	54.15 -0.60 0.00	47.15 -0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.77 1.53 0.00	35.03 1.28 0.00	31.92 1.14 0.00	29.53 1.03 0.00	29.78 0.92 0.00	33.83 0.99 0.00	37.25 1.01 0.00	40.09 1.47 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.45 1.98 0.00	47.19 2.02 -0.27	49.67 2.18 -0.03	53.38 2.20 0.00	54.81 2.16 0.00	58.68 2.26 0.00	71.72 3.15 0.00	83.89 4.30 0.00	85.14 4.13 0.00	83.11 3.58 0.00	77.35 2.47 0.00	63.35 1.36 0.00	56.01 1.26 0.00	48.86 1.19 0.00
HARSNRAD_115KV_TB1 81005	37.92 0.67 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.36 0.86 0.00	29.55 0.69 0.00	32.19 -0.66 0.00	34.61 -1.63 0.00	36.38 -2.24 0.00	34.93 -2.23 0.00	34.61 -1.86 0.00	38.20 -2.27 0.00	43.42 -1.48 0.00	45.60 -1.85 0.00	50.10 -1.07 0.00	52.23 -0.42 0.00	56.31 -0.11 0.00	66.78 -1.78 0.00	78.08 -1.51 0.00	79.47 -1.54 0.00	79.53 0.00 0.00	73.01 -1.87 0.00	60.81 -1.18 0.00	54.69 -0.05 0.00	47.77 0.10 0.00
HARZA MOOSE___RIVER 24016	38.29 1.04 0.00	34.69 0.94 0.00	31.65 0.86 0.00	29.33 0.83 0.00	29.72 0.87 0.00	33.86 1.02 0.00	37.43 1.20 0.00	39.82 1.20 0.00	37.97 0.82 0.00	37.16 0.69 0.00	41.11 0.65 0.00	45.75 0.85 0.00	48.40 0.95 0.00	52.46 1.28 0.00	53.97 1.32 0.00	57.95 1.52 0.00	70.62 2.06 0.00	82.54 2.94 0.00	84.74 3.73 0.00	83.83 4.29 0.00	78.77 3.89 0.00	65.62 3.22 -0.41	58.66 2.52 -1.40	50.92 2.05 -1.20
HDSNBRDG_115KV_BRDG_TB1 355580	36.87 -0.37 0.00	33.68 -0.07 0.00	30.79 0.00 0.00	28.47 -0.03 0.00	28.77 -0.09 0.00	32.52 -0.33 0.00	35.77 -0.47 0.00	37.92 -0.70 0.00	36.41 -0.74 0.00	35.77 -0.69 0.00	39.74 -0.73 0.00	44.27 -0.63 0.00	46.79 -0.66 0.00	50.72 -0.46 0.00	52.29 -0.37 0.00	56.20 -0.23 0.00	68.15 -0.41 0.00	79.59 0.00 0.00	81.17 0.16 0.00	79.93 0.40 0.00	74.65 -0.22 0.00	61.61 -0.37 0.00	54.36 -0.38 0.00	47.10 -0.57 0.00
HELLGATE_13_KV_LD 55870	39.44 2.20 0.00	35.60 1.86 0.00	32.48 1.69 0.00	30.04 1.54 0.00	30.27 1.41 0.00	34.36 1.51 0.00	37.83 1.59 0.00	40.70 2.09 0.00	39.68 2.53 0.00	39.13 2.66 0.00	43.58 3.12 0.00	48.13 2.92 -0.31	50.43 2.94 -0.04	53.99 2.81 0.00	55.39 2.74 0.00	58.74 2.31 0.00	71.72 3.15 0.00	83.89 4.30 0.00	84.98 3.97 0.00	82.87 3.34 0.00	77.20 2.32 0.00	63.10 1.12 0.00	56.28 1.53 0.00	49.34 1.67 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.44 2.20 0.00	35.60 1.86 0.00	32.48 1.69 0.00	30.04 1.54 0.00	30.27 1.41 0.00	34.36 1.51 0.00	37.83 1.59 0.00	40.70 2.09 0.00	39.68 2.53 0.00	39.13 2.66 0.00	43.58 3.12 0.00	48.13 2.92 -0.31	50.43 2.94 -0.04	53.99 2.81 0.00	55.39 2.74 0.00	58.74 2.31 0.00	71.72 3.15 0.00	83.89 4.30 0.00	84.98 3.97 0.00	82.87 3.34 0.00	77.20 2.32 0.00	63.10 1.12 0.00	56.28 1.53 0.00	49.34 1.67 0.00
HEMPSTEAD___ 23647	39.29 2.05 0.00	35.43 1.69 0.00	32.23 1.45 0.00	29.70 1.20 0.00	29.92 1.07 0.00	34.13 1.28 0.00	37.43 1.19 0.00	40.55 1.93 0.00	39.39 2.23 0.00	38.80 2.34 0.00	43.39 2.92 -0.01	47.54 2.33 -0.31	49.53 2.04 -0.04	53.07 1.89 0.00	54.71 2.05 0.00	58.68 2.26 0.00	71.31 2.75 0.00	83.65 4.06 0.00	84.49 3.48 0.00	81.99 2.47 0.01	72.25 1.42 4.05	62.41 0.44 0.01	52.23 0.39 2.90	47.72 0.05 0.00
HICKLING___1 23621	38.18 0.93 0.00	34.76 1.01 0.00	31.71 0.92 0.00	29.30 0.80 0.00	29.57 0.72 0.00	32.91 0.07 0.00	36.16 -0.07 0.00	38.31 -0.31 0.00	36.60 -0.56 0.00	36.03 -0.44 0.00	39.90 -0.57 0.00	44.85 -0.04 0.00	47.26 -0.19 0.00	51.64 0.46 0.00	53.45 0.79 0.00	57.61 1.18 0.00	69.39 0.82 0.00	81.27 1.67 0.00	83.12 2.11 0.00	82.64 3.10 0.00	76.38 1.50 0.00	63.23 1.24 0.00	56.06 1.31 0.00	48.39 0.72 0.00
HICKLING___2 23622	38.18 0.93 0.00	34.76 1.01 0.00	31.71 0.92 0.00	29.30 0.80 0.00	29.57 0.72 0.00	32.91 0.07 0.00	36.16 -0.07 0.00	38.31 -0.31 0.00	36.60 -0.56 0.00	36.03 -0.44 0.00	39.90 -0.57 0.00	44.85 -0.04 0.00	47.26 -0.19 0.00	51.64 0.46 0.00	53.45 0.79 0.00	57.61 1.18 0.00	69.39 0.82 0.00	81.27 1.67 0.00	83.12 2.11 0.00	82.64 3.10 0.00	76.38 1.50 0.00	63.23 1.24 0.00	56.06 1.31 0.00	48.39 0.72 0.00
HIGH FALLS___HY 23754	38.88 1.64 0.00	35.13 1.38 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.86 1.01 0.00	33.90 1.05 0.00	37.40 1.16 0.00	40.24 1.62 0.00	38.75 1.60 0.00	38.18 1.71 0.00	42.49 2.02 0.00	47.13 2.07 -0.17	49.70 2.23 -0.02	53.58 2.41 0.00	55.08 2.42 0.00	59.02 2.60 0.00	72.47 3.91 0.00	84.77 5.17 0.00	86.12 5.10 0.00	84.23 4.69 0.00	78.32 3.44 0.00	64.09 2.11 0.00	56.61 1.86 0.00	49.25 1.57 0.00
HIGH_RIVER___SOLAR 323847	38.85 1.60 0.00	35.16 1.42 0.00	32.11 1.32 0.00	29.70 1.20 0.00	30.04 1.18 0.00	34.13 1.28 0.00	37.36 1.12 0.00	39.58 0.97 0.00	37.86 0.70 0.00	36.83 0.36 0.00	40.71 0.24 0.00	44.85 0.18 0.23	47.62 0.19 0.03	51.49 0.31 0.00	53.03 0.37 0.00	56.93 0.51 0.00	69.52 0.96 0.00	82.22 2.62 0.00	85.06 4.05 0.00	84.31 4.77 0.00	79.22 4.34 0.00	65.33 3.34 0.00	57.48 2.74 0.00	49.82 2.15 0.00
HILLBURN___GT 23639	38.77 1.53 0.00	34.99 1.25 0.00	31.93 1.14 0.00	29.53 1.02 0.00	29.78 0.92 0.00	33.80 0.95 0.00	37.25 1.01 0.00	40.09 1.47 0.00	38.87 1.71 0.00	38.29 1.82 0.00	42.57 2.10 0.00	47.20 2.02 -0.28	49.57 2.09 -0.03	53.28 2.10 0.00	54.71 2.05 0.00	58.51 2.09 0.00	71.38 2.81 0.00	83.49 3.90 0.00	84.49 3.48 0.00	82.63 3.10 0.00	76.90 2.02 0.00	62.97 0.99 0.00	55.73 0.99 0.00	48.48 0.81 0.00
HILLSIDE_115KV_TB1 80332	37.62 0.37 0.00	34.22 0.47 0.00	31.25 0.46 0.00	28.87 0.37 0.00	29.17 0.32 0.00	32.49 -0.36 0.00	35.69 -0.54 0.00	37.85 -0.77 0.00	36.23 -0.93 0.00	35.66 -0.80 0.00	39.49 -0.97 0.00	44.31 -0.58 0.00	46.69 -0.76 0.00	50.87 -0.31 0.00	52.66 0.00 0.00	56.71 0.28 0.00	68.36 -0.21 0.00	79.99 0.40 0.00	81.66 0.65 0.00	81.04 1.51 0.00	75.03 0.15 0.00	62.17 0.19 0.00	55.13 0.38 0.00	47.62 -0.05 0.00

HISHELDN_WT_PWR 323625	38.10 0.86 0.00	34.89 1.15 0.00	31.89 1.11 0.00	29.41 0.91 0.00	29.60 0.75 0.00	32.35 -0.49 0.00	35.11 -1.12 0.00	36.92 -1.70 0.00	35.60 -1.56 0.00	34.97 -1.50 0.00	38.80 -1.66 0.00	43.82 -1.08 0.00	46.79 -0.66 0.00	50.57 -0.61 0.00	52.45 -0.21 0.00	56.43 0.00 0.00	67.40 -1.17 0.00	78.88 -0.72 0.00	82.47 1.46 0.00	80.57 1.03 0.00	74.06 -0.82 0.00	61.62 -0.37 0.00	55.29 0.55 0.00	48.77 1.10 0.00
HOLTSVILLE_IC_1 23690	39.63 2.39 0.00	35.63 1.89 0.00	32.36 1.57 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.29 1.44 0.00	37.54 1.30 0.00	40.74 2.12 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.75 3.28 -0.01	47.68 2.47 -0.31	49.20 1.71 -0.04	52.61 1.43 0.00	54.39 1.74 0.00	58.45 2.03 0.00	70.62 2.06 0.00	83.18 3.59 0.00	83.92 2.91 0.00	80.95 1.43 0.02	67.19 0.45 8.14	61.66 -0.31 0.02	48.58 -0.33 5.84	46.96 -0.71 0.00
HOLTSVILLE_IC_10 23699	39.78 2.53 0.00	35.77 2.02 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.42 1.58 0.00	37.65 1.41 0.00	40.90 2.28 0.00	39.91 2.75 0.00	39.31 2.85 0.00	43.95 3.48 -0.01	48.00 2.78 -0.31	49.53 2.04 -0.04	53.02 1.84 0.00	54.87 2.21 0.00	59.02 2.60 0.00	71.17 2.60 0.00	83.89 4.30 0.00	84.66 3.65 0.00	81.58 2.06 0.02	67.77 0.97 8.08	62.16 0.19 0.02	49.01 0.05 5.79	47.29 -0.38 0.00
HOLTSVILLE_IC_2 23691	39.63 2.39 0.00	35.63 1.89 0.00	32.36 1.57 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.29 1.44 0.00	37.54 1.30 0.00	40.74 2.12 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.75 3.28 -0.01	47.68 2.47 -0.31	49.20 1.71 -0.04	52.61 1.43 0.00	54.39 1.74 0.00	58.45 2.03 0.00	70.62 2.06 0.00	83.18 3.59 0.00	83.92 2.91 0.00	80.95 1.43 0.02	67.19 0.45 8.14	61.66 -0.31 0.02	48.58 -0.33 5.84	46.96 -0.71 0.00
HOLTSVILLE_IC_3 23692	39.63 2.39 0.00	35.63 1.89 0.00	32.36 1.57 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.29 1.44 0.00	37.54 1.30 0.00	40.74 2.12 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.75 3.28 -0.01	47.68 2.47 -0.31	49.20 1.71 -0.04	52.61 1.43 0.00	54.39 1.74 0.00	58.45 2.03 0.00	70.62 2.06 0.00	83.18 3.59 0.00	83.92 2.91 0.00	80.95 1.43 0.02	67.19 0.45 8.14	61.66 -0.31 0.02	48.58 -0.33 5.84	46.96 -0.71 0.00
HOLTSVILLE_IC_4 23693	39.63 2.39 0.00	35.63 1.89 0.00	32.36 1.57 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.29 1.44 0.00	37.54 1.30 0.00	40.74 2.12 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.75 3.28 -0.01	47.68 2.47 -0.31	49.20 1.71 -0.04	52.61 1.43 0.00	54.39 1.74 0.00	58.45 2.03 0.00	70.62 2.06 0.00	83.18 3.59 0.00	83.92 2.91 0.00	80.95 1.43 0.02	67.19 0.45 8.14	61.66 -0.31 0.02	48.58 -0.33 5.84	46.96 -0.71 0.00
HOLTSVILLE_IC_5 23694	39.63 2.39 0.00	35.63 1.89 0.00	32.36 1.57 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.29 1.44 0.00	37.54 1.30 0.00	40.74 2.12 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.75 3.28 -0.01	47.68 2.47 -0.31	49.20 1.71 -0.04	52.61 1.43 0.00	54.39 1.74 0.00	58.45 2.03 0.00	70.62 2.06 0.00	83.18 3.59 0.00	83.92 2.91 0.00	80.95 1.43 0.02	67.19 0.45 8.14	61.66 -0.31 0.02	48.58 -0.33 5.84	46.96 -0.71 0.00
HOLTSVILLE_IC_6 23695	39.78 2.53 0.00	35.77 2.02 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.42 1.58 0.00	37.65 1.41 0.00	40.90 2.28 0.00	39.91 2.75 0.00	39.31 2.85 0.00	43.95 3.48 -0.01	48.00 2.78 -0.31	49.53 2.04 -0.04	53.02 1.84 0.00	54.87 2.21 0.00	59.02 2.60 0.00	71.17 2.60 0.00	83.89 4.30 0.00	84.66 3.65 0.00	81.58 2.06 0.02	67.77 0.97 8.08	62.16 0.19 0.02	49.01 0.05 5.79	47.29 -0.38 0.00
HOLTSVILLE_IC_7 23696	39.78 2.53 0.00	35.77 2.02 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.42 1.58 0.00	37.65 1.41 0.00	40.90 2.28 0.00	39.91 2.75 0.00	39.31 2.85 0.00	43.95 3.48 -0.01	48.00 2.78 -0.31	49.53 2.04 -0.04	53.02 1.84 0.00	54.87 2.21 0.00	59.02 2.60 0.00	71.17 2.60 0.00	83.89 4.30 0.00	84.66 3.65 0.00	81.58 2.06 0.02	67.77 0.97 8.08	62.16 0.19 0.02	49.01 0.05 5.79	47.29 -0.38 0.00
HOLTSVILLE_IC_8 23697	39.78 2.53 0.00	35.77 2.02 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.42 1.58 0.00	37.65 1.41 0.00	40.90 2.28 0.00	39.91 2.75 0.00	39.31 2.85 0.00	43.95 3.48 -0.01	48.00 2.78 -0.31	49.53 2.04 -0.04	53.02 1.84 0.00	54.87 2.21 0.00	59.02 2.60 0.00	71.17 2.60 0.00	83.89 4.30 0.00	84.66 3.65 0.00	81.58 2.06 0.02	67.77 0.97 8.08	62.16 0.19 0.02	49.01 0.05 5.79	47.29 -0.38 0.00
HOLTSVILLE_IC_9 23698	39.78 2.53 0.00	35.77 2.02 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.42 1.58 0.00	37.65 1.41 0.00	40.90 2.28 0.00	39.91 2.75 0.00	39.31 2.85 0.00	43.95 3.48 -0.01	48.00 2.78 -0.31	49.53 2.04 -0.04	53.02 1.84 0.00	54.87 2.21 0.00	59.02 2.60 0.00	71.17 2.60 0.00	83.89 4.30 0.00	84.66 3.65 0.00	81.58 2.06 0.02	67.77 0.97 8.08	62.16 0.19 0.02	49.01 0.05 5.79	47.29 -0.38 0.00
HOMER_HL_115KV_TB2 355744	37.36 0.11 0.00	34.05 0.30 0.00	31.12 0.34 0.00	28.76 0.26 0.00	28.94 0.09 0.00	31.63 -1.22 0.00	34.57 -1.67 0.00	36.57 -2.05 0.00	35.19 -1.97 0.00	34.90 -1.57 0.00	38.44 -2.02 0.00	43.73 -1.17 0.00	45.84 -1.61 0.00	50.36 -0.82 0.00	52.50 -0.16 0.00	56.76 0.34 0.00	66.65 -1.92 0.00	77.76 -1.83 0.00	79.15 -1.86 0.00	79.22 -0.32 0.00	72.33 -2.55 0.00	60.50 -1.49 0.00	54.80 0.05 0.00	47.29 -0.38 0.00
HOWARD_WT_PWR 323690	38.70 1.45 0.00	35.33 1.59 0.00	32.23 1.45 0.00	29.75 1.25 0.00	30.01 1.16 0.00	33.18 0.33 0.00	36.31 0.07 0.00	38.27 -0.35 0.00	36.60 -0.56 0.00	35.84 -0.62 0.00	39.74 -0.73 0.00	44.72 -0.18 0.00	47.55 0.10 0.00	51.54 0.36 0.00	53.39 0.74 0.00	57.49 1.07 0.00	69.11 0.55 0.00	81.10 1.51 0.00	84.74 3.73 0.00	83.27 3.74 0.00	76.82 1.94 0.00	63.66 1.67 0.00	56.66 1.92 0.00	49.48 1.81 0.00
HQ_GEN_CEDARS 23644	37.47 0.22 0.00	33.81 0.07 0.00	30.79 0.00 0.00	28.50 0.00 0.00	28.94 0.09 0.00	33.34 0.49 0.00	37.25 1.01 0.00	39.70 1.08 0.00	38.05 0.89 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.93 1.03 0.00	48.59 1.14 0.00	52.41 1.23 0.00	53.76 1.11 0.00	57.50 1.07 0.00	68.98 0.41 0.00	79.51 -0.08 0.00	80.85 -0.16 0.00	79.53 0.00 0.00	75.85 0.97 0.00	66.73 1.67 -3.07	66.83 1.70 -10.38	58.20 1.62 -8.91
HQ_GEN_CEDARS_PROXY 323590	37.47 0.22 0.00	33.81 0.07 0.00	30.79 0.00 0.00	28.50 0.00 0.00	28.94 0.09 0.00	33.34 0.49 0.00	37.25 1.01 0.00	39.70 1.08 0.00	38.05 0.89 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.97 1.08 0.00	48.59 1.14 0.00	52.40 1.23 0.00	53.81 1.16 0.00	57.49 1.07 0.00	68.98 0.41 0.00	79.52 -0.08 0.00	80.85 -0.16 0.00	79.53 0.00 0.00	75.85 0.97 0.00	66.69 1.67 -3.03	66.69 1.70 -10.24	58.08 1.62 -8.79

HQ_GEN_IMPORT 323601	37.17 -0.07 0.00	33.54 -0.20 0.00	30.51 -0.28 0.00	28.24 -0.26 0.00	28.71 -0.14 0.00	32.91 0.07 0.00	36.49 0.26 0.00	38.89 0.27 0.00	37.38 0.22 0.00	36.69 0.22 0.00	40.67 0.20 0.00	45.17 0.27 0.00	47.69 0.24 0.00	51.38 0.21 0.00	52.87 0.21 0.00	56.60 0.17 0.00	70.80 0.07 -2.16	76.88 -0.55 2.16	80.20 -0.81 0.00	76.89 -0.72 1.93	76.88 0.07 -1.93	62.26 0.37 0.10	54.84 0.44 0.34	47.81 0.43 0.29
HQ_GEN_WHEEL 23651	37.17 -0.07 0.00	33.54 -0.20 0.00	30.51 -0.28 0.00	28.24 -0.26 0.00	28.71 -0.14 0.00	32.91 0.07 0.00	36.49 0.26 0.00	38.89 0.27 0.00	37.38 0.22 0.00	36.69 0.22 0.00	40.67 0.20 0.00	45.17 0.27 0.00	47.69 0.24 0.00	51.38 0.21 0.00	52.87 0.21 0.00	56.60 0.17 0.00	70.80 0.07 -2.16	76.88 -0.55 2.16	80.20 -0.81 0.00	76.89 -0.72 1.93	76.88 0.07 -1.93	62.26 0.37 0.10	54.84 0.44 0.34	47.81 0.43 0.29
HUDSON AVE_GT_3 23810	39.11 1.86 0.00	35.30 1.55 0.00	32.20 1.42 0.00	29.78 1.28 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.58 1.34 0.00	40.55 1.93 0.00	39.46 2.30 0.00	38.87 2.41 0.00	43.26 2.79 0.00	47.90 2.69 -0.31	50.34 2.85 -0.04	53.89 2.71 0.00	55.24 2.58 0.00	58.91 2.48 0.00	71.93 3.36 0.00	84.05 4.46 0.00	85.14 4.13 0.00	83.03 3.50 0.00	77.35 2.47 0.00	63.16 1.18 0.00	56.12 1.37 0.00	49.15 1.48 0.00
HUDSON AVE_GT_4 23540	39.11 1.86 0.00	35.30 1.55 0.00	32.20 1.42 0.00	29.78 1.28 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.58 1.34 0.00	40.55 1.93 0.00	39.46 2.30 0.00	38.87 2.41 0.00	43.26 2.79 0.00	47.90 2.69 -0.31	50.34 2.85 -0.04	53.89 2.71 0.00	55.24 2.58 0.00	58.91 2.48 0.00	71.93 3.36 0.00	84.05 4.46 0.00	85.14 4.13 0.00	83.03 3.50 0.00	77.35 2.47 0.00	63.16 1.18 0.00	56.12 1.37 0.00	49.15 1.48 0.00
HUDSON AVE_GT_5 23657	39.11 1.86 0.00	35.30 1.55 0.00	32.20 1.42 0.00	29.78 1.28 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.58 1.34 0.00	40.55 1.93 0.00	39.46 2.30 0.00	38.87 2.41 0.00	43.26 2.79 0.00	47.90 2.69 -0.31	50.34 2.85 -0.04	53.89 2.71 0.00	55.24 2.58 0.00	58.91 2.48 0.00	71.93 3.36 0.00	84.05 4.46 0.00	85.14 4.13 0.00	83.03 3.50 0.00	77.35 2.47 0.00	63.16 1.18 0.00	56.12 1.37 0.00	49.15 1.48 0.00
HUDSON_AVE_10 24168	39.00 1.75 0.00	35.19 1.45 0.00	32.11 1.32 0.00	29.70 1.20 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.51 1.27 0.00	40.47 1.85 0.00	39.42 2.27 0.00	38.80 2.33 0.00	43.14 2.67 0.00	47.72 2.51 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.72 3.15 0.00	83.81 4.22 0.00	84.90 3.89 0.00	82.79 3.26 0.00	77.05 2.17 0.00	62.92 0.93 0.00	56.01 1.26 0.00	49.01 1.33 0.00
HUDSON___115KV_TB 4 355613	38.33 1.08 0.00	34.72 0.98 0.00	31.77 0.99 0.00	29.41 0.91 0.00	29.69 0.84 0.00	33.70 0.85 0.00	36.96 0.72 0.00	39.47 0.85 0.00	37.79 0.63 0.00	36.98 0.51 0.00	40.95 0.49 0.00	45.26 0.54 0.18	48.05 0.62 0.02	51.38 0.20 0.00	52.97 0.32 0.00	56.82 0.39 0.00	69.46 0.89 0.00	81.66 2.07 0.00	83.52 2.51 0.00	81.92 2.39 0.00	76.68 1.80 0.00	63.16 1.18 0.00	55.57 0.82 0.00	48.48 0.81 0.00
HUNTER MOUNT___DRP 323613	38.44 1.19 0.00	34.82 1.08 0.00	31.86 1.08 0.00	29.50 1.00 0.00	29.81 0.95 0.00	33.80 0.95 0.00	37.07 0.83 0.00	39.58 0.97 0.00	37.71 0.56 0.00	36.90 0.44 0.00	40.87 0.40 0.00	45.46 0.67 0.11	48.20 0.76 0.01	51.38 0.20 0.00	52.97 0.32 0.00	56.88 0.45 0.00	69.59 1.03 0.00	81.90 2.31 0.00	83.85 2.84 0.00	82.32 2.78 0.00	77.12 2.25 0.00	63.47 1.49 0.00	55.79 1.04 0.00	48.72 1.05 0.00
HUNTINGTON_RES_REC 323705	39.52 2.27 0.00	35.56 1.82 0.00	32.29 1.51 0.00	29.73 1.22 0.00	29.95 1.10 0.00	34.23 1.38 0.00	37.43 1.19 0.00	40.66 2.05 0.00	39.68 2.53 0.00	39.09 2.63 0.00	43.75 3.28 -0.01	47.50 2.29 -0.31	49.11 1.61 -0.04	52.56 1.38 0.00	54.34 1.68 0.00	58.45 2.03 0.00	70.69 2.13 0.00	83.26 3.66 0.00	84.01 3.00 0.00	81.03 1.51 0.02	67.36 0.53 8.05	61.66 -0.31 0.02	48.59 -0.38 5.77	46.91 -0.76 0.00
HUNTLEY___63 23557	38.33 1.08 0.00	35.19 1.45 0.00	32.14 1.35 0.00	29.67 1.17 0.00	29.81 0.95 0.00	32.32 -0.53 0.00	34.86 -1.38 0.00	36.65 -1.97 0.00	35.26 -1.89 0.00	34.97 -1.50 0.00	38.60 -1.86 0.00	43.95 -0.94 0.00	46.08 -1.38 0.00	50.72 -0.46 0.00	52.81 0.16 0.00	56.99 0.56 0.00	67.26 -1.30 0.00	78.64 -0.96 0.00	80.04 -0.97 0.00	80.09 0.56 0.00	73.38 -1.50 0.00	61.18 -0.81 0.00	55.24 0.49 0.00	48.24 0.57 0.00
HUNTLEY___64 23558	38.33 1.08 0.00	35.19 1.45 0.00	32.14 1.35 0.00	29.67 1.17 0.00	29.81 0.95 0.00	32.32 -0.53 0.00	34.86 -1.38 0.00	36.65 -1.97 0.00	35.26 -1.89 0.00	34.97 -1.50 0.00	38.60 -1.86 0.00	43.95 -0.94 0.00	46.08 -1.38 0.00	50.72 -0.46 0.00	52.81 0.16 0.00	56.99 0.56 0.00	67.26 -1.30 0.00	78.64 -0.96 0.00	80.04 -0.97 0.00	80.09 0.56 0.00	73.38 -1.50 0.00	61.18 -0.81 0.00	55.24 0.49 0.00	48.24 0.57 0.00
HUNTLEY___65 23559	38.33 1.08 0.00	35.19 1.45 0.00	32.14 1.35 0.00	29.67 1.17 0.00	29.81 0.95 0.00	32.32 -0.53 0.00	34.86 -1.38 0.00	36.65 -1.97 0.00	35.26 -1.89 0.00	34.97 -1.50 0.00	38.60 -1.86 0.00	43.95 -0.94 0.00	46.08 -1.38 0.00	50.72 -0.46 0.00	52.81 0.16 0.00	56.99 0.56 0.00	67.26 -1.30 0.00	78.64 -0.96 0.00	80.04 -0.97 0.00	80.09 0.56 0.00	73.38 -1.50 0.00	61.18 -0.81 0.00	55.24 0.49 0.00	48.24 0.57 0.00
HUNTLEY___66 23560	38.33 1.08 0.00	35.19 1.45 0.00	32.14 1.35 0.00	29.67 1.17 0.00	29.81 0.95 0.00	32.32 -0.53 0.00	34.86 -1.38 0.00	36.65 -1.97 0.00	35.26 -1.89 0.00	34.97 -1.50 0.00	38.60 -1.86 0.00	43.95 -0.94 0.00	46.08 -1.38 0.00	50.72 -0.46 0.00	52.81 0.16 0.00	56.99 0.56 0.00	67.26 -1.30 0.00	78.64 -0.96 0.00	80.04 -0.97 0.00	80.09 0.56 0.00	73.38 -1.50 0.00	61.18 -0.81 0.00	55.24 0.49 0.00	48.24 0.57 0.00
HUNTLEY___67 23561	37.95 0.71 0.00	34.82 1.08 0.00	31.83 1.05 0.00	29.36 0.86 0.00	29.55 0.69 0.00	32.09 -0.76 0.00	34.68 -1.56 0.00	36.46 -2.16 0.00	35.04 -2.12 0.00	34.75 -1.71 0.00	38.36 -2.10 0.00	43.55 -1.35 0.00	45.70 -1.76 0.00	50.21 -0.97 0.00	52.34 -0.32 0.00	56.43 0.00 0.00	66.92 -1.65 0.00	78.24 -1.35 0.00	79.63 -1.38 0.00	79.61 0.08 0.00	73.01 -1.87 0.00	60.81 -1.18 0.00	54.75 0.00 0.00	47.77 0.10 0.00
HUNTLEY___68 23562	37.95 0.71 0.00	34.82 1.08 0.00	31.83 1.05 0.00	29.36 0.86 0.00	29.55 0.69 0.00	32.09 -0.76 0.00	34.68 -1.56 0.00	36.46 -2.16 0.00	35.04 -2.12 0.00	34.75 -1.71 0.00	38.36 -2.10 0.00	43.55 -1.35 0.00	45.70 -1.76 0.00	50.21 -0.97 0.00	52.34 -0.32 0.00	56.43 0.00 0.00	66.92 -1.65 0.00	78.24 -1.35 0.00	79.63 -1.38 0.00	79.61 0.08 0.00	73.01 -1.87 0.00	60.81 -1.18 0.00	54.75 0.00 0.00	47.77 0.10 0.00



HYLAND___LFGE 323620	39.96 2.72 0.00	36.48 2.73 0.00	33.31 2.52 0.00	30.78 2.28 0.00	31.02 2.17 0.00	34.33 1.48 0.00	37.54 1.30 0.00	39.27 0.66 0.00	37.08 -0.07 0.00	36.06 -0.40 0.00	39.70 -0.77 0.00	44.49 -0.40 0.00	45.84 -1.61 0.00	49.75 -1.43 0.00	51.97 -0.69 0.00	56.03 -0.39 0.00	68.01 -0.55 0.00	80.39 0.80 0.00	85.22 4.21 0.00	84.63 5.09 0.00	78.92 4.04 0.00	65.33 3.34 0.00	57.65 2.90 0.00	50.15 2.48 0.00
INDECK___CORINTH 23802	38.47 1.23 0.00	34.86 1.11 0.00	31.80 1.01 0.00	29.38 0.88 0.00	29.75 0.90 0.00	33.80 0.95 0.00	37.11 0.87 0.00	39.47 0.85 0.00	37.97 0.82 0.00	37.23 0.77 0.00	40.91 0.45 0.00	45.06 0.45 0.29	47.84 0.43 0.03	51.84 0.66 0.00	53.39 0.74 0.00	57.38 0.96 0.00	70.21 1.64 0.00	83.01 3.42 0.00	85.38 4.37 0.00	84.06 4.53 0.00	78.92 4.04 0.00	64.84 2.85 0.00	56.88 2.13 0.00	49.20 1.53 0.00
INDECK___ILION 23567	37.13 -0.11 0.00	33.64 -0.10 0.00	30.72 -0.06 0.00	28.44 -0.06 0.00	28.80 -0.06 0.00	32.75 -0.10 0.00	36.09 -0.14 0.00	38.50 -0.12 0.00	37.01 -0.15 0.00	36.28 -0.18 0.00	40.26 -0.20 0.00	44.67 -0.22 0.00	47.26 -0.19 0.00	51.02 -0.15 0.00	52.50 -0.16 0.00	56.26 -0.17 0.00	68.43 -0.14 0.00	79.67 0.08 0.00	81.17 0.16 0.00	79.61 0.08 0.00	74.80 -0.07 0.00	61.86 -0.12 0.00	54.53 -0.22 0.00	47.48 -0.19 0.00
INDECK___OLEAN 23982	37.36 0.11 0.00	34.05 0.30 0.00	31.16 0.37 0.00	28.76 0.26 0.00	28.97 0.12 0.00	31.63 -1.21 0.00	34.57 -1.67 0.00	36.57 -2.05 0.00	35.37 -1.78 0.00	34.90 -1.57 0.00	38.60 -1.86 0.00	43.73 -1.17 0.00	46.74 -0.71 0.00	50.46 -0.72 0.00	52.39 -0.26 0.00	56.54 0.11 0.00	66.65 -1.92 0.00	77.77 -1.83 0.00	81.17 0.16 0.00	79.22 -0.32 0.00	72.33 -2.55 0.00	60.50 -1.49 0.00	54.80 0.05 0.00	48.01 0.34 0.00
INDECK___OSWEGO 23783	36.54 -0.71 0.00	33.34 -0.40 0.00	30.45 -0.34 0.00	28.16 -0.34 0.00	28.48 -0.38 0.00	32.22 -0.63 0.00	35.51 -0.72 0.00	37.65 -0.96 0.00	36.15 -1.00 0.00	35.44 -1.02 0.00	39.37 -1.09 0.00	43.78 -1.12 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.13 -1.53 0.00	54.90 -1.52 0.00	66.72 -1.85 0.00	77.84 -1.75 0.00	79.71 -1.30 0.00	78.26 -1.28 0.00	73.30 -1.58 0.00	60.65 -1.42 -0.09	53.69 -1.37 -0.31	46.70 -1.24 -0.27
INDECK___YERKES 23781	38.33 1.08 0.00	35.23 1.48 0.00	32.11 1.32 0.00	29.67 1.17 0.00	29.83 0.98 0.00	32.35 -0.49 0.00	34.90 -1.34 0.00	36.69 -1.93 0.00	35.60 -1.56 0.00	35.01 -1.46 0.00	38.89 -1.58 0.00	44.00 -0.90 0.00	47.07 -0.38 0.00	50.82 -0.36 0.00	52.81 0.16 0.00	56.77 0.34 0.00	67.26 -1.30 0.00	78.64 -0.95 0.00	82.39 1.38 0.00	80.09 0.56 0.00	73.38 -1.50 0.00	61.18 -0.81 0.00	55.35 0.60 0.00	49.06 1.38 0.00
INDIAN POINT_GT_1 24139	38.74 1.49 0.00	34.99 1.25 0.00	31.92 1.14 0.00	29.53 1.03 0.00	29.75 0.89 0.00	33.80 0.95 0.00	37.22 0.98 0.00	40.09 1.47 0.00	38.94 1.78 0.00	38.29 1.82 0.00	42.61 2.14 0.00	47.27 2.07 -0.31	49.72 2.23 -0.04	53.22 2.05 0.00	54.60 1.95 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.58 3.56 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.85 0.87 0.00	55.68 0.93 0.00	48.67 1.00 0.00
INDIAN POINT_GT_2 23659	38.74 1.49 0.00	34.99 1.25 0.00	31.92 1.14 0.00	29.53 1.03 0.00	29.75 0.89 0.00	33.80 0.95 0.00	37.22 0.98 0.00	40.09 1.47 0.00	38.94 1.78 0.00	38.29 1.82 0.00	42.61 2.14 0.00	47.27 2.07 -0.31	49.72 2.23 -0.04	53.22 2.05 0.00	54.60 1.95 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.58 3.56 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.85 0.87 0.00	55.68 0.93 0.00	48.67 1.00 0.00
INDIAN POINT_GT_3 24019	38.74 1.49 0.00	34.99 1.25 0.00	31.92 1.14 0.00	29.53 1.03 0.00	29.75 0.89 0.00	33.80 0.95 0.00	37.22 0.98 0.00	40.09 1.47 0.00	38.94 1.78 0.00	38.29 1.82 0.00	42.61 2.14 0.00	47.27 2.07 -0.31	49.72 2.23 -0.04	53.22 2.05 0.00	54.60 1.95 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.58 3.56 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.85 0.87 0.00	55.68 0.93 0.00	48.67 1.00 0.00
INDIAN POINT___2 23530	38.70 1.45 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.75 0.90 0.00	33.77 0.92 0.00	37.18 0.94 0.00	40.05 1.43 0.00	38.87 1.71 0.00	38.25 1.79 0.00	42.53 2.06 0.00	47.17 1.97 -0.30	49.48 1.99 -0.04	53.17 1.99 0.00	54.55 1.89 0.00	58.28 1.86 0.00	71.17 2.60 0.00	83.18 3.59 0.00	84.17 3.16 0.00	82.32 2.78 0.00	76.67 1.79 0.00	62.79 0.80 0.00	55.62 0.87 0.00	48.39 0.72 0.00
INDIAN POINT___3 23531	38.70 1.45 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.53 1.03 0.00	29.75 0.89 0.00	33.77 0.92 0.00	37.22 0.98 0.00	40.09 1.47 0.00	38.90 1.75 0.00	38.25 1.79 0.00	42.57 2.10 0.00	47.23 2.02 -0.31	49.63 2.14 -0.04	53.17 2.00 0.00	54.50 1.84 0.00	58.23 1.81 0.00	71.10 2.54 0.00	83.18 3.58 0.00	84.33 3.32 0.00	82.32 2.78 0.00	76.68 1.80 0.00	62.79 0.81 0.00	55.57 0.82 0.00	48.63 0.95 0.00
INGHAM_C_115KV_TB7 356103	36.72 -0.52 0.00	33.24 -0.51 0.00	30.35 -0.43 0.00	28.10 -0.40 0.00	28.42 -0.43 0.00	32.39 -0.46 0.00	35.73 -0.51 0.00	38.12 -0.50 0.00	36.60 -0.56 0.00	35.85 -0.62 0.00	39.78 -0.69 0.00	44.13 -0.76 0.00	46.69 -0.76 0.00	50.41 -0.77 0.00	51.87 -0.79 0.00	55.58 -0.85 0.00	67.54 -1.03 0.00	78.64 -0.96 0.00	80.20 -0.81 0.00	78.66 -0.87 0.00	73.83 -1.05 0.00	61.12 -0.87 0.00	53.87 -0.88 0.00	46.91 -0.76 0.00
IP CORINTH___1 23988	38.70 1.45 0.00	35.03 1.28 0.00	31.96 1.17 0.00	29.56 1.05 0.00	29.89 1.04 0.00	34.00 1.15 0.00	37.29 1.05 0.00	39.70 1.08 0.00	38.23 1.08 0.00	37.41 0.95 0.00	41.15 0.69 0.29	45.37 0.76 0.03	48.18 0.76 0.00	52.10 0.92 0.00	53.71 1.05 0.00	57.67 1.24 0.00	70.62 2.06 0.00	83.42 3.82 0.00	86.03 5.02 0.00	84.46 4.93 0.00	79.37 4.49 0.00	65.21 3.22 0.00	57.21 2.46 0.00	49.53 1.86 0.00
IP___TICONDEROGA 23804	40.37 3.13 0.00	36.48 2.73 0.00	33.22 2.43 0.00	30.64 2.14 0.00	31.07 2.22 0.00	35.31 2.46 0.00	38.66 2.43 0.00	41.09 2.47 0.00	39.42 2.27 0.00	38.62 2.15 0.00	42.49 2.02 0.00	46.94 2.33 0.29	49.84 2.42 0.04	54.15 2.97 0.00	55.87 3.21 0.00	60.09 3.67 0.00	73.71 5.14 0.00	87.87 8.28 0.00	90.73 9.72 0.00	89.48 9.94 0.00	84.09 9.21 0.00	68.93 6.94 0.00	60.28 5.53 0.00	51.96 4.29 0.00
ISLIP_RES_REC 323679	39.96 2.72 0.00	35.94 2.19 0.00	32.60 1.82 0.00	30.01 1.51 0.00	30.24 1.38 0.00	34.55 1.71 0.00	37.79 1.56 0.00	41.09 2.47 0.00	40.09 2.93 0.00	39.53 3.06 0.00	44.19 3.72 -0.01	48.31 3.10 -0.31	49.91 2.42 -0.04	53.43 2.25 0.00	55.29 2.63 0.00	59.53 3.10 0.00	71.79 3.22 0.00	84.69 5.10 0.00	85.38 4.37 0.00	82.30 2.78 0.02	68.42 1.57 8.03	62.65 0.68 0.02	49.37 0.39 5.76	47.58 -0.10 0.00

JAMAICA__27_KV_LOAD 355505	39.26 2.01 0.00	35.40 1.65 0.00	32.26 1.48 0.00	29.84 1.34 0.00	30.01 1.15 0.00	34.19 1.35 0.00	37.76 1.52 0.00	40.82 2.20 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.38 2.91 0.00	47.95 2.74 -0.31	50.39 2.89 -0.04	53.99 2.81 0.00	55.34 2.69 0.00	59.08 2.65 0.00	72.20 3.63 0.00	84.37 4.78 0.00	85.55 4.54 0.00	83.43 3.90 0.00	77.65 2.77 0.00	63.23 1.24 0.00	56.50 1.75 0.00	49.34 1.67 0.00
JANIS__SOLAR 323808	38.92 1.68 0.00	35.36 1.62 0.00	32.29 1.51 0.00	29.87 1.37 0.00	30.21 1.36 0.00	34.13 1.28 0.00	37.69 1.45 0.00	39.93 1.31 0.00	37.90 0.74 0.00	36.87 0.40 0.00	40.71 0.24 0.00	45.39 0.49 0.00	48.17 0.71 0.00	52.40 1.23 0.00	54.13 1.47 0.00	58.34 1.92 0.00	71.17 2.60 0.00	84.05 4.45 0.00	87.25 6.24 0.00	86.22 6.68 0.00	80.27 5.39 0.00	66.14 4.15 0.00	58.09 3.34 0.00	50.39 2.72 0.00
JARVIS____ 23743	37.32 0.07 0.00	33.85 0.10 0.00	30.91 0.12 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.91 0.07 0.00	36.24 0.00 0.00	38.66 0.04 0.00	37.19 0.04 0.00	36.50 0.04 0.00	40.51 0.04 0.00	44.90 0.00 0.00	47.45 0.00 0.00	51.23 0.05 0.00	52.71 0.05 0.00	56.48 0.06 0.00	68.70 0.14 0.00	79.99 0.40 0.00	81.42 0.41 0.00	79.93 0.40 0.00	75.03 0.15 0.00	62.05 0.06 0.00	54.75 0.00 0.00	47.67 0.00 0.00
JENNISON____1 23625	39.07 1.83 0.00	35.43 1.69 0.00	32.36 1.57 0.00	29.95 1.45 0.00	30.30 1.44 0.00	34.23 1.38 0.00	37.76 1.52 0.00	40.16 1.54 0.00	38.20 1.04 0.00	37.41 0.95 0.00	41.36 0.89 0.00	46.26 1.30 -0.06	48.93 1.47 -0.01	53.28 2.10 0.00	55.08 2.42 0.00	59.30 2.88 0.00	72.13 3.57 0.00	84.69 5.09 0.00	86.93 5.91 0.00	86.06 6.52 0.00	80.05 5.17 0.00	65.95 3.97 0.00	57.98 3.23 0.00	50.15 2.48 0.00
JENNISON____2 23626	39.07 1.83 0.00	35.43 1.69 0.00	32.36 1.57 0.00	29.95 1.45 0.00	30.30 1.44 0.00	34.23 1.38 0.00	37.76 1.52 0.00	40.16 1.54 0.00	38.20 1.04 0.00	37.41 0.95 0.00	41.36 0.89 0.00	46.26 1.30 -0.06	48.93 1.47 -0.01	53.28 2.10 0.00	55.08 2.42 0.00	59.30 2.88 0.00	72.13 3.57 0.00	84.69 5.09 0.00	86.93 5.91 0.00	86.06 6.52 0.00	80.05 5.17 0.00	65.95 3.97 0.00	57.98 3.23 0.00	50.15 2.48 0.00
JERICOHO_RISE_WT_PWR 323719	36.76 -0.49 0.00	33.20 -0.54 0.00	30.26 -0.52 0.00	28.07 -0.43 0.00	28.56 -0.29 0.00	32.95 0.10 0.00	36.64 0.40 0.00	39.12 0.50 0.00	37.60 0.45 0.00	36.94 0.47 0.00	40.91 0.45 0.00	45.53 0.63 0.00	47.93 0.47 0.00	51.69 0.51 0.00	53.08 0.42 0.00	56.82 0.40 0.00	68.77 0.21 0.00	79.20 -0.40 0.00	80.45 -0.56 0.00	79.14 -0.40 0.00	75.41 0.53 0.00	63.12 0.80 -0.33	56.68 0.82 -1.11	49.34 0.72 -0.96
KATONAH__115KV_46KV_TB4 355592	38.88 1.64 0.00	35.13 1.38 0.00	32.08 1.29 0.00	29.64 1.14 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.28 1.66 0.00	39.09 1.93 0.00	38.40 1.93 0.00	42.77 2.31 0.00	47.50 2.29 -0.31	49.96 2.47 -0.04	53.58 2.41 0.00	55.03 2.37 0.00	58.80 2.37 0.00	71.99 3.43 0.00	84.13 4.54 0.00	85.39 4.37 0.00	83.27 3.74 0.00	77.50 2.62 0.00	63.41 1.43 0.00	56.06 1.31 0.00	48.96 1.29 0.00
KCE_NY_1 323755	38.88 1.64 0.00	35.19 1.45 0.00	32.14 1.35 0.00	29.73 1.22 0.00	30.06 1.21 0.00	34.13 1.28 0.00	37.43 1.19 0.00	39.93 1.31 0.00	38.38 1.22 0.00	37.60 1.13 0.00	41.60 1.13 0.00	45.76 1.17 0.30	48.65 1.23 0.04	52.61 1.43 0.00	54.23 1.58 0.00	58.18 1.75 0.00	71.10 2.54 0.00	83.73 4.14 0.00	85.55 4.53 0.00	84.14 4.61 0.00	78.84 3.97 0.00	64.90 2.91 0.00	57.10 2.35 0.00	49.48 1.81 0.00
KCE_NY_6_ESR 323823	38.21 0.97 0.00	35.03 1.28 0.00	32.02 1.23 0.00	29.53 1.02 0.00	29.69 0.84 0.00	32.35 -0.49 0.00	35.00 -1.23 0.00	36.84 -1.78 0.00	35.71 -1.45 0.00	35.15 -1.31 0.00	39.01 -1.46 0.00	44.13 -0.76 0.00	47.22 -0.24 0.00	50.97 -0.20 0.00	52.97 0.32 0.00	56.99 0.56 0.00	67.88 -0.69 0.00	79.36 -0.24 0.00	83.04 2.03 0.00	80.80 1.27 0.00	73.98 -0.90 0.00	61.68 -0.31 0.00	55.51 0.77 0.00	49.06 1.38 0.00
KEDC PORT_JEFF_GT2 24210	39.74 2.50 0.00	35.73 1.99 0.00	32.45 1.66 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.39 1.54 0.00	37.61 1.38 0.00	40.86 2.24 0.00	39.87 2.71 0.00	39.27 2.81 0.00	43.91 3.44 -0.01	47.90 2.69 -0.31	49.48 1.99 -0.04	52.92 1.74 0.00	54.76 2.11 0.00	58.85 2.42 0.00	70.42 1.85 0.00	83.01 3.42 0.00	83.77 2.76 0.00	80.71 1.19 0.02	66.93 0.15 8.10	61.79 -0.19 0.02	48.83 -0.11 5.81	47.15 -0.52 0.00
KEDC PORT_JEFF_GT3 24211	39.74 2.50 0.00	35.73 1.99 0.00	32.45 1.66 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.39 1.54 0.00	37.61 1.38 0.00	40.86 2.24 0.00	39.87 2.71 0.00	39.27 2.81 0.00	43.91 3.44 -0.01	47.90 2.69 -0.31	49.48 1.99 -0.04	52.92 1.74 0.00	54.76 2.11 0.00	58.85 2.42 0.00	70.42 1.85 0.00	83.01 3.42 0.00	83.77 2.76 0.00	80.71 1.19 0.02	66.93 0.15 8.10	61.79 -0.19 0.02	48.83 -0.11 5.81	47.15 -0.52 0.00
KEDC_GLWD_GT4 24219	39.33 2.08 0.00	35.50 1.75 0.00	32.32 1.54 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.23 1.38 0.00	37.58 1.34 0.00	40.63 2.01 0.00	39.27 2.12 0.00	38.69 2.22 0.00	43.23 2.75 -0.01	47.59 2.38 -0.31	50.05 2.56 -0.04	53.68 2.51 0.00	55.29 2.63 0.00	58.85 2.42 0.00	71.65 3.09 0.00	83.97 4.37 0.00	84.82 3.81 0.00	82.47 2.94 0.01	74.14 1.94 2.69	62.78 0.80 0.01	53.86 1.04 1.93	48.39 0.72 0.00
KEDC_GLWD_GT5 24220	39.33 2.08 0.00	35.50 1.75 0.00	32.32 1.54 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.23 1.38 0.00	37.58 1.34 0.00	40.63 2.01 0.00	39.27 2.12 0.00	38.69 2.22 0.00	43.23 2.75 -0.01	47.59 2.38 -0.31	50.05 2.56 -0.04	53.68 2.51 0.00	55.29 2.63 0.00	58.85 2.42 0.00	71.65 3.09 0.00	83.97 4.37 0.00	84.82 3.81 0.00	82.47 2.94 0.01	74.14 1.94 2.69	62.78 0.80 0.01	53.86 1.04 1.93	48.39 0.72 0.00
KENSICO____ 23655	38.85 1.60 0.00	35.06 1.32 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.83 0.98 0.00	33.90 1.05 0.00	37.32 1.09 0.00	40.24 1.62 0.00	39.13 1.97 0.00	38.43 1.97 0.00	42.81 2.35 0.00	47.45 2.24 -0.31	49.91 2.42 -0.04	53.43 2.25 0.00	54.76 2.11 0.00	58.51 2.09 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.74 3.73 0.00	82.64 3.10 0.00	76.97 2.10 0.00	62.98 0.99 0.00	55.79 1.04 0.00	48.82 1.14 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.88 1.64 0.00	35.13 1.38 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.86 1.01 0.00	33.90 1.05 0.00	37.36 1.12 0.00	40.20 1.58 0.00	38.68 1.52 0.00	38.11 1.64 0.00	42.37 1.90 0.00	47.06 1.98 -0.19	49.61 2.14 -0.02	53.43 2.25 0.00	54.97 2.32 0.00	58.91 2.48 0.00	72.20 3.63 0.00	84.61 5.01 0.00	86.03 5.02 0.00	84.07 4.53 0.00	78.25 3.37 0.00	64.09 2.11 0.00	56.61 1.86 0.00	49.25 1.57 0.00

KIAC_JFK_GT1 23816	39.00 1.75 0.00	35.19 1.45 0.00	32.08 1.29 0.00	29.67 1.17 0.00	29.86 1.01 0.00	34.00 1.15 0.00	37.58 1.34 0.00	40.63 2.01 0.00	39.53 2.38 0.00	38.94 2.48 0.00	43.14 2.67 0.00	47.50 2.29 -0.31	49.96 2.47 -0.04	53.48 2.30 0.00	54.81 2.16 0.00	58.51 2.09 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.83 1.95 0.00	62.61 0.62 0.00	55.95 1.20 0.00	48.86 1.19 0.00
KIAC_JFK_GT2 23817	39.00 1.75 0.00	35.19 1.45 0.00	32.08 1.29 0.00	29.67 1.17 0.00	29.86 1.01 0.00	34.00 1.15 0.00	37.58 1.34 0.00	40.63 2.01 0.00	39.53 2.38 0.00	38.94 2.48 0.00	43.14 2.67 0.00	47.50 2.29 -0.31	49.96 2.47 -0.04	53.48 2.30 0.00	54.81 2.16 0.00	58.51 2.09 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.83 1.95 0.00	62.61 0.62 0.00	55.95 1.20 0.00	48.86 1.19 0.00
KIAC_JFK____ 323774	39.00 1.75 0.00	35.19 1.45 0.00	32.08 1.29 0.00	29.67 1.17 0.00	29.86 1.01 0.00	34.00 1.15 0.00	37.58 1.34 0.00	40.63 2.01 0.00	39.50 2.34 0.00	38.95 2.48 0.00	43.09 2.63 0.00	47.41 2.20 -0.31	49.77 2.28 -0.04	53.43 2.25 0.00	54.87 2.21 0.00	58.51 2.09 0.00	71.44 2.88 0.00	83.57 3.98 0.00	84.49 3.48 0.00	82.56 3.02 0.00	76.82 1.94 0.00	62.61 0.62 0.00	55.95 1.20 0.00	48.63 0.95 0.00
KINTIGH__24_KV_GSU 356498	37.80 0.56 0.00	34.72 0.98 0.00	31.71 0.92 0.00	29.27 0.77 0.00	29.46 0.61 0.00	32.12 -0.72 0.00	34.79 -1.45 0.00	36.57 -2.05 0.00	35.41 -1.75 0.00	34.79 -1.68 0.00	38.65 -1.82 0.00	43.55 -1.35 0.00	46.45 -1.00 0.00	50.20 -0.97 0.00	52.13 -0.53 0.00	55.97 -0.45 0.00	66.92 -1.65 0.00	78.16 -1.43 0.00	81.58 0.57 0.00	79.38 -0.16 0.00	73.08 -1.80 0.00	60.75 -1.24 0.00	54.47 -0.27 0.00	48.25 0.57 0.00
KINTIGH____ 23543	37.80 0.56 0.00	34.72 0.98 0.00	31.71 0.92 0.00	29.27 0.77 0.00	29.46 0.61 0.00	32.12 -0.72 0.00	34.79 -1.45 0.00	36.57 -2.05 0.00	35.15 -2.01 0.00	34.79 -1.68 0.00	38.44 -2.02 0.00	43.51 -1.39 0.00	45.75 -1.71 0.00	50.15 -1.02 0.00	52.18 -0.47 0.00	56.20 -0.23 0.00	66.92 -1.65 0.00	78.16 -1.43 0.00	79.55 -1.46 0.00	79.37 -0.16 0.00	73.08 -1.80 0.00	60.75 -1.24 0.00	54.47 -0.27 0.00	47.58 -0.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.13 -0.11 0.00	33.58 -0.17 0.00	30.63 -0.15 0.00	28.41 -0.09 0.00	28.85 0.00 0.00	33.31 0.46 0.00	37.03 0.80 0.00	39.55 0.93 0.00	37.97 0.82 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.71 0.81 0.00	48.36 0.90 0.00	52.15 0.97 0.00	53.60 0.95 0.00	57.38 0.96 0.00	69.39 0.82 0.00	80.15 0.56 0.00	81.58 0.57 0.00	80.25 0.72 0.00	76.45 1.57 0.00	63.72 1.55 -0.18	56.74 1.37 -0.62	49.40 1.19 -0.54
LACHUTE____HYDRO 323717	40.37 3.13 0.00	36.48 2.73 0.00	33.22 2.43 0.00	30.64 2.14 0.00	31.08 2.22 0.00	35.31 2.46 0.00	38.66 2.43 0.00	41.09 2.47 0.00	39.39 2.23 0.00	38.62 2.15 0.00	42.49 2.02 0.00	46.89 2.29 0.29	49.79 2.37 0.04	54.14 2.97 0.00	55.87 3.21 0.00	60.09 3.67 0.00	73.71 5.14 0.00	87.87 8.28 0.00	90.65 9.64 0.00	89.47 9.94 0.00	84.09 9.21 0.00	68.93 6.94 0.00	60.27 5.53 0.00	51.91 4.24 0.00
LAWRNCV_115KV_TB1 80681	37.66 0.41 0.00	33.95 0.20 0.00	30.91 0.12 0.00	28.64 0.14 0.00	29.08 0.23 0.00	33.54 0.69 0.00	37.51 1.27 0.00	39.89 1.27 0.00	38.16 1.00 0.00	37.41 0.95 0.00	41.36 0.89 0.00	46.02 1.12 0.00	48.73 1.28 0.00	52.56 1.38 0.00	53.81 1.16 0.00	57.38 0.96 0.00	68.77 0.21 0.00	79.36 5.14 0.00	80.93 -0.08 0.00	79.77 0.24 0.00	76.15 1.27 0.00	66.32 1.92 -2.41	64.98 2.08 -8.16	56.67 2.00 -7.00
LEDERLE____ 23769	38.92 1.68 0.00	35.13 1.38 0.00	32.05 1.26 0.00	29.67 1.17 0.00	29.89 1.04 0.00	33.93 1.08 0.00	37.40 1.16 0.00	40.28 1.66 0.00	39.05 1.89 0.00	38.43 1.97 0.00	42.77 2.31 0.00	47.52 2.33 -0.29	49.96 2.47 -0.04	53.58 2.41 0.00	54.97 2.32 0.00	58.74 2.31 0.00	71.79 3.22 0.00	83.89 4.30 0.00	85.14 4.13 0.00	83.03 3.50 0.00	77.27 2.40 0.00	63.29 1.30 0.00	56.01 1.26 0.00	48.91 1.24 0.00
LIGHTHSE_115KV_TB6 355974	37.39 0.15 0.00	34.01 0.27 0.00	31.06 0.28 0.00	28.76 0.26 0.00	29.08 0.23 0.00	33.01 0.16 0.00	36.42 0.18 0.00	38.62 0.00 0.00	36.90 -0.26 0.00	36.17 -0.29 0.00	40.10 -0.36 0.00	44.67 -0.22 0.00	47.12 -0.33 0.00	51.08 -0.10 0.00	52.60 -0.05 0.00	56.43 0.00 0.00	68.43 -0.14 0.00	80.07 0.48 0.00	82.15 1.13 0.00	81.20 1.67 0.00	76.15 1.27 0.00	63.19 0.99 -0.22	56.19 0.71 -0.73	48.68 0.38 -0.63
LINDEN COGEN____ 23786	38.85 1.60 0.00	35.06 1.31 0.00	31.99 1.20 0.00	29.58 1.08 0.00	29.78 0.92 0.00	33.83 0.98 0.00	37.32 1.09 0.00	40.28 1.66 0.00	39.20 2.04 0.00	38.65 2.19 0.00	42.98 2.51 0.00	47.45 2.24 -0.31	48.14 2.23 1.54	50.35 2.15 4.92	51.04 2.05 4.36	51.04 1.97 7.36	58.64 2.67 12.60	69.98 3.66 13.28	68.04 3.08 16.05	56.27 2.62 25.88	51.21 1.65 25.31	51.29 0.56 11.25	50.19 0.87 5.43	48.41 0.76 0.02
LINDHRST_69_KV_BK1 356055	39.96 2.72 0.00	35.97 2.23 0.00	32.66 1.88 0.00	30.07 1.57 0.00	30.30 1.44 0.00	34.59 1.74 0.00	37.87 1.63 0.00	41.09 2.47 0.00	40.17 3.01 0.00	39.46 2.99 0.00	44.19 3.72 0.00	48.62 3.41 -0.31	50.86 3.37 -0.04	53.89 2.71 0.00	54.87 2.21 0.00	58.80 2.37 0.00	71.86 3.29 0.00	84.69 5.09 0.00	85.63 4.62 0.00	82.46 2.94 0.01	69.83 1.95 7.00	62.84 0.87 0.01	50.39 0.66 5.02	49.34 1.67 0.00
LIPA_MISC_IPP 23656	39.48 2.23 0.00	35.50 1.75 0.00	32.23 1.45 0.00	29.70 1.20 0.00	29.92 1.07 0.00	34.16 1.31 0.00	37.36 1.12 0.00	40.63 2.01 0.00	39.72 2.56 0.00	39.02 2.55 0.00	43.70 3.24 0.00	48.08 2.87 -0.31	50.24 2.75 -0.04	53.22 2.05 0.00	54.08 1.42 0.00	57.84 1.41 0.00	70.76 2.19 0.00	83.57 3.98 0.00	84.41 3.40 0.00	81.19 1.67 0.02	67.35 0.60 8.13	61.78 -0.19 0.02	48.59 -0.33 5.83	48.63 0.95 0.00
LISF____SOLAR 323691	39.52 2.27 0.00	35.56 1.82 0.00	32.26 1.48 0.00	29.73 1.22 0.00	29.95 1.10 0.00	34.19 1.35 0.00	37.40 1.16 0.00	40.66 2.05 0.00	39.65 2.49 0.00	39.05 2.59 0.00	43.67 3.20 -0.01	47.68 2.47 -0.31	49.20 1.71 -0.04	52.66 1.49 0.00	54.45 1.79 0.00	58.62 2.20 0.00	70.90 2.33 0.00	83.65 4.06 0.00	84.41 3.40 0.00	81.42 1.91 0.02	67.51 0.75 8.12	61.91 -0.06 0.02	48.65 -0.27 5.82	47.00 -0.67 0.00
LITTLE FALLS____HYD 24013	36.72 -0.52 0.00	33.24 -0.51 0.00	30.35 -0.43 0.00	28.10 -0.40 0.00	28.42 -0.43 0.00	32.39 -0.46 0.00	35.73 -0.51 0.00	38.12 -0.50 0.00	36.60 -0.56 0.00	35.85 -0.62 0.00	39.78 -0.69 0.00	44.13 -0.76 0.00	46.69 -0.76 0.00	50.41 -0.77 0.00	51.87 -0.79 0.00	55.58 -0.85 0.00	67.54 -1.03 0.00	78.64 -0.96 0.00	80.20 -0.81 0.00	78.66 -0.87 0.00	73.83 -1.05 0.00	61.12 -0.87 0.00	53.87 -0.88 0.00	46.91 -0.76 0.00

LITTLRIV_115KV_TB1 356100	38.06 0.82 0.00	34.32 0.57 0.00	31.22 0.43 0.00	28.96 0.46 0.00	29.40 0.55 0.00	33.96 1.12 0.00	37.98 1.74 0.00	40.32 1.70 0.00	38.42 1.26 0.00	37.63 1.17 0.00	41.56 1.09 0.00	46.24 1.35 0.00	48.97 1.52 0.00	52.92 1.74 0.00	54.18 1.53 0.00	57.72 1.30 0.00	69.32 0.75 0.00	80.15 0.56 0.00	81.98 0.97 0.00	81.12 1.59 0.00	77.57 2.70 0.00	67.39 3.10 -2.30	65.55 3.01 -7.79	57.12 2.76 -6.69
LI_NEWBRDGE___DRP 323616	39.26 2.01 0.00	35.36 1.62 0.00	32.17 1.39 0.00	29.64 1.14 0.00	29.86 1.01 0.00	34.06 1.22 0.00	37.36 1.12 0.00	40.47 1.85 0.00	39.50 2.34 0.00	38.84 2.37 0.00	43.46 2.99 0.00	47.81 2.60 -0.31	50.05 2.56 -0.04	53.07 1.89 0.00	54.08 1.42 0.00	57.84 1.41 0.00	70.76 2.19 0.00	83.18 3.58 0.00	84.17 3.16 0.00	81.27 1.75 0.02	66.95 0.82 8.76	61.91 -0.06 0.02	48.41 -0.05 6.28	48.48 0.81 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.92 0.67 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.36 0.86 0.00	29.52 0.66 0.00	32.22 -0.62 0.00	34.61 -1.63 0.00	36.38 -2.24 0.00	34.93 -2.23 0.00	34.61 -1.86 0.00	38.20 -2.27 0.00	43.42 -1.48 0.00	45.60 -1.85 0.00	50.15 -1.02 0.00	52.23 -0.42 0.00	56.31 -0.11 0.00	66.78 -1.78 0.00	78.16 -1.43 0.00	79.63 -1.38 0.00	79.61 0.08 0.00	73.08 -1.80 0.00	60.87 -1.12 0.00	54.75 0.00 0.00	47.77 0.10 0.00
LOCKPORT___CC1 323769	37.92 0.67 0.00	34.82 1.08 0.00	31.96 1.17 0.00	29.35 0.85 0.00	29.54 0.69 0.00	32.19 -0.66 0.00	34.61 -1.63 0.00	36.38 -2.24 0.00	35.22 -1.93 0.00	34.61 -1.86 0.00	38.44 -2.02 0.00	43.46 -1.44 0.00	46.45 -1.00 0.00	50.20 -0.97 0.00	52.18 -0.47 0.00	56.03 -0.39 0.00	66.78 -1.78 0.00	78.08 -1.51 0.00	81.82 0.81 0.00	79.53 0.00 0.00	73.01 -1.87 0.00	60.81 -1.18 0.00	54.69 -0.05 0.00	48.63 0.95 0.00
LOCKPORT___CC2 323770	37.92 0.67 0.00	34.82 1.08 0.00	31.96 1.17 0.00	29.35 0.85 0.00	29.54 0.69 0.00	32.19 -0.66 0.00	34.61 -1.63 0.00	36.38 -2.24 0.00	35.22 -1.93 0.00	34.61 -1.86 0.00	38.44 -2.02 0.00	43.46 -1.44 0.00	46.45 -1.00 0.00	50.20 -0.97 0.00	52.18 -0.47 0.00	56.03 -0.39 0.00	66.78 -1.78 0.00	78.08 -1.51 0.00	81.82 0.81 0.00	79.53 0.00 0.00	73.01 -1.87 0.00	60.81 -1.18 0.00	54.69 -0.05 0.00	48.63 0.95 0.00
LOCKPORT___CC3 323771	37.92 0.67 0.00	34.82 1.08 0.00	31.96 1.17 0.00	29.35 0.85 0.00	29.54 0.69 0.00	32.19 -0.66 0.00	34.61 -1.63 0.00	36.38 -2.24 0.00	35.22 -1.93 0.00	34.61 -1.86 0.00	38.44 -2.02 0.00	43.46 -1.44 0.00	46.45 -1.00 0.00	50.20 -0.97 0.00	52.18 -0.47 0.00	56.03 -0.39 0.00	66.78 -1.78 0.00	78.08 -1.51 0.00	81.82 0.81 0.00	79.53 0.00 0.00	73.01 -1.87 0.00	60.81 -1.18 0.00	54.69 -0.05 0.00	48.63 0.95 0.00
LOCUSVLY_69_KV_BK2 55797	39.52 2.27 0.00	35.63 1.89 0.00	32.42 1.63 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.29 1.45 0.00	37.65 1.41 0.00	40.78 2.16 0.00	39.68 2.53 0.00	39.02 2.55 0.00	43.66 3.20 0.00	48.22 3.01 -0.31	50.67 3.18 -0.04	53.89 2.71 0.00	55.08 2.42 0.00	58.80 2.37 0.00	71.93 3.36 0.00	84.45 4.86 0.00	85.47 4.46 0.00	82.63 3.10 0.01	72.79 2.02 4.11	62.85 0.87 0.01	52.62 0.82 2.95	49.05 1.38 0.00
LONG_LAKE_PHOENIX 24014	36.72 -0.52 0.00	33.51 -0.24 0.00	30.60 -0.18 0.00	28.30 -0.20 0.00	28.59 -0.26 0.00	32.35 -0.49 0.00	35.66 -0.58 0.00	37.81 -0.81 0.00	36.30 -0.85 0.00	35.63 -0.84 0.00	39.58 -0.89 0.00	44.09 -0.81 0.00	46.50 -0.95 0.00	50.36 -0.82 0.00	51.92 -0.74 0.00	55.75 -0.68 0.00	67.74 -0.82 0.00	79.04 -0.56 0.00	80.69 -0.32 0.00	79.45 -0.08 0.00	74.28 -0.60 0.00	61.37 -0.62 0.00	54.09 -0.66 0.00	46.86 -0.81 0.00
LOVETT___3 23632	38.66 1.42 0.00	34.92 1.18 0.00	31.86 1.08 0.00	29.50 1.00 0.00	29.72 0.87 0.00	33.73 0.89 0.00	37.18 0.94 0.00	40.05 1.43 0.00	38.87 1.71 0.00	38.22 1.75 0.00	42.53 2.06 0.00	47.17 1.98 -0.30	49.62 2.14 -0.04	53.12 1.94 0.00	54.39 1.74 0.00	58.12 1.69 0.00	70.97 2.40 0.00	83.02 3.42 0.00	84.17 3.16 0.00	82.16 2.62 0.00	76.53 1.65 0.00	62.67 0.68 0.00	55.46 0.71 0.00	48.53 0.86 0.00
LOVETT___4 23642	38.66 1.42 0.00	34.92 1.18 0.00	31.86 1.08 0.00	29.50 1.00 0.00	29.72 0.87 0.00	33.73 0.89 0.00	37.18 0.94 0.00	40.05 1.43 0.00	38.87 1.71 0.00	38.22 1.75 0.00	42.53 2.06 0.00	47.17 1.98 -0.30	49.62 2.14 -0.04	53.12 1.94 0.00	54.39 1.74 0.00	58.12 1.69 0.00	70.97 2.40 0.00	83.02 3.42 0.00	84.17 3.16 0.00	82.16 2.62 0.00	76.53 1.65 0.00	62.67 0.68 0.00	55.46 0.71 0.00	48.53 0.86 0.00
LOVETT___5 23593	38.66 1.42 0.00	34.92 1.18 0.00	31.86 1.08 0.00	29.50 1.00 0.00	29.72 0.87 0.00	33.73 0.89 0.00	37.18 0.94 0.00	40.05 1.43 0.00	38.87 1.71 0.00	38.22 1.75 0.00	42.53 2.06 0.00	47.17 1.98 -0.30	49.62 2.14 -0.04	53.12 1.94 0.00	54.39 1.74 0.00	58.12 1.69 0.00	70.97 2.40 0.00	83.02 3.42 0.00	84.17 3.16 0.00	82.16 2.62 0.00	76.53 1.65 0.00	62.67 0.68 0.00	55.46 0.71 0.00	48.53 0.86 0.00
LOWER RAQUET___HYD 24057	37.69 0.45 0.00	34.01 0.27 0.00	30.94 0.15 0.00	28.70 0.20 0.00	29.14 0.29 0.00	33.60 0.76 0.00	37.58 1.34 0.00	39.97 1.35 0.00	38.19 1.04 0.00	37.45 0.98 0.00	41.40 0.93 0.00	46.15 1.26 0.00	48.74 1.28 0.00	52.61 1.43 0.00	53.87 1.21 0.00	57.33 0.90 0.00	68.70 0.14 0.00	79.36 -0.24 0.00	80.93 -0.08 0.00	79.85 0.32 0.00	76.23 1.35 0.00	66.20 2.04 -2.17	64.29 2.19 -7.35	56.12 2.15 -6.31
LOWER___HUDSON 24059	38.36 1.12 0.00	34.76 1.01 0.00	31.77 0.98 0.00	29.41 0.91 0.00	29.72 0.86 0.00	33.70 0.85 0.00	37.00 0.76 0.00	39.58 0.97 0.00	38.09 0.93 0.00	37.30 0.84 0.00	41.35 0.89 0.00	45.32 0.81 0.38	48.21 0.81 0.05	52.10 0.92 0.00	53.60 0.95 0.00	57.44 1.02 0.00	70.14 1.58 0.00	82.30 2.71 0.00	83.77 2.76 0.00	82.24 2.71 0.00	76.97 2.09 0.00	63.41 1.43 0.00	55.78 1.04 0.00	48.43 0.76 0.00
LOWVILLE_115KV_TB2 356335	38.47 1.23 0.00	34.86 1.11 0.00	31.77 0.99 0.00	29.47 0.97 0.00	29.83 0.98 0.00	34.09 1.25 0.00	37.72 1.49 0.00	40.09 1.47 0.00	38.12 0.97 0.00	37.27 0.80 0.00	41.23 0.77 0.00	45.89 0.99 0.00	48.54 1.09 0.00	52.61 1.43 0.00	54.13 1.47 0.00	58.06 1.64 0.00	70.62 2.06 0.00	82.70 3.10 0.00	84.98 3.97 0.00	84.31 4.77 0.00	79.37 4.49 0.00	66.51 3.91 -0.62	59.92 3.07 -2.11	52.01 2.53 -1.81
LUTHERFT_115KV_GLOB_FND_222 355753	38.85 1.60 0.00	35.16 1.42 0.00	32.11 1.32 0.00	29.70 1.20 0.00	30.04 1.18 0.00	34.09 1.25 0.00	37.40 1.16 0.00	39.89 1.27 0.00	38.42 1.26 0.00	37.56 1.09 0.00	41.60 1.13 0.00	45.76 1.17 0.30	48.65 1.23 0.04	52.61 1.43 0.00	54.18 1.53 0.00	58.12 1.69 0.00	71.03 2.47 0.00	83.65 4.06 0.00	85.63 4.62 0.00	84.07 4.53 0.00	78.77 3.89 0.00	64.84 2.85 0.00	56.99 2.24 0.00	49.48 1.81 0.00

LUTHERNY_35_KV_BK2 355980	38.88 1.64 0.00	35.19 1.45 0.00	32.14 1.35 0.00	29.73 1.23 0.00	30.07 1.21 0.00	34.13 1.28 0.00	37.43 1.20 0.00	39.93 1.31 0.00	38.42 1.26 0.00	37.60 1.13 0.00	41.60 1.13 0.00	45.81 1.21 0.30	48.70 1.28 0.04	52.66 1.48 0.00	54.18 1.53 0.00	58.17 1.75 0.00	71.10 2.54 0.00	83.73 4.14 0.00	85.79 4.78 0.00	84.15 4.61 0.00	78.85 3.97 0.00	64.90 2.91 0.00	57.10 2.35 0.00	49.53 1.86 0.00
LWR___OSWEGATCHIE_HYD 23850	38.06 0.82 0.00	34.42 0.67 0.00	31.34 0.55 0.00	29.04 0.54 0.00	29.46 0.61 0.00	33.83 0.99 0.00	37.65 1.41 0.00	40.01 1.39 0.00	38.12 0.97 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.93 1.03 0.00	48.59 1.14 0.00	52.61 1.43 0.00	53.92 1.26 0.00	57.67 1.24 0.00	69.59 1.03 0.00	80.95 1.35 0.00	82.96 1.94 0.00	82.24 2.70 0.00	77.95 3.07 0.00	66.58 3.10 -1.49	62.47 2.68 -5.04	54.34 2.34 -4.33
LYONS_FALL_HYD 23570	38.29 1.04 0.00	34.69 0.94 0.00	31.65 0.86 0.00	29.33 0.83 0.00	29.72 0.86 0.00	33.87 1.02 0.00	37.43 1.19 0.00	39.82 1.20 0.00	37.97 0.82 0.00	37.16 0.69 0.00	41.11 0.65 0.00	45.75 0.85 0.00	48.45 1.00 0.00	52.51 1.33 0.00	53.97 1.32 0.00	57.95 1.52 0.00	70.62 2.06 0.00	82.54 2.95 0.00	84.82 3.81 0.00	83.83 4.29 0.00	78.77 3.89 0.00	65.61 3.22 -0.41	58.64 2.52 -1.38	50.95 2.10 -1.18
MADISON___COUNTY_LFGE 323628	38.18 0.93 0.00	34.65 0.91 0.00	31.65 0.86 0.00	29.30 0.80 0.00	29.66 0.81 0.00	33.67 0.82 0.00	37.14 0.91 0.00	39.55 0.93 0.00	37.79 0.63 0.00	37.01 0.55 0.00	41.03 0.57 0.00	45.66 0.76 0.00	48.36 0.90 0.00	52.51 1.33 0.00	54.13 1.47 0.00	58.17 1.75 0.00	70.76 2.19 0.00	82.70 3.10 0.00	84.74 3.73 0.00	83.59 4.06 0.00	78.25 3.37 0.00	64.71 2.60 -0.12	57.19 2.03 -0.42	49.61 1.57 -0.36
MALONE___115KV_TB1 356076	37.43 0.19 0.00	33.81 0.07 0.00	30.82 0.03 0.00	28.56 0.06 0.00	29.03 0.17 0.00	33.54 0.69 0.00	37.32 1.09 0.00	39.85 1.24 0.00	38.20 1.04 0.00	37.52 1.06 0.00	41.52 1.05 0.00	46.15 1.26 0.00	48.83 1.38 0.00	52.71 1.54 0.00	54.08 1.42 0.00	57.84 1.41 0.00	69.73 1.17 0.00	80.55 0.96 0.00	82.06 1.05 0.00	80.81 1.27 0.00	77.05 2.17 0.00	64.96 2.17 -0.80	59.49 2.03 -2.72	51.77 1.76 -2.33
MAPLEWOD_115KV_TB3 80458	38.06 0.82 0.00	34.49 0.74 0.00	31.59 0.80 0.00	29.24 0.74 0.00	29.52 0.66 0.00	33.47 0.62 0.00	36.74 0.51 0.00	39.31 0.70 0.00	37.94 0.78 0.00	37.12 0.66 0.00	41.23 0.77 0.00	45.24 0.63 0.29	48.13 0.71 0.04	51.79 0.61 0.00	53.29 0.63 0.00	57.05 0.62 0.00	69.66 1.10 0.00	81.66 2.07 0.00	83.28 2.27 0.00	81.44 1.91 0.00	76.15 1.27 0.00	62.73 0.74 0.00	55.29 0.55 0.00	48.15 0.48 0.00
MAPLE_RIDGE_WT_1 323574	36.76 -0.49 0.00	33.34 -0.40 0.00	30.48 -0.31 0.00	28.27 -0.23 0.00	28.68 -0.17 0.00	32.75 -0.10 0.00	36.20 -0.04 0.00	38.62 0.00 0.00	37.16 0.00 0.00	36.50 0.04 0.00	40.51 0.04 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.18 0.00 0.00	52.66 0.00 0.00	56.43 0.00 0.00	68.50 -0.07 0.00	79.36 -0.24 0.00	80.77 -0.24 0.00	79.30 -0.24 0.00	74.80 -0.07 0.00	61.99 0.00 0.00	54.75 0.00 0.00	47.72 0.05 0.00
MAPLE_RIDGE_WT_2 323611	36.76 -0.49 0.00	33.34 -0.40 0.00	30.48 -0.31 0.00	28.27 -0.23 0.00	28.68 -0.17 0.00	32.75 -0.10 0.00	36.20 -0.04 0.00	38.62 0.00 0.00	37.16 0.00 0.00	36.50 0.04 0.00	40.51 0.04 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.18 0.00 0.00	52.66 0.00 0.00	56.43 0.00 0.00	68.50 -0.07 0.00	79.36 -0.24 0.00	80.77 -0.24 0.00	79.30 -0.24 0.00	74.80 -0.07 0.00	61.99 0.00 0.00	54.75 0.00 0.00	47.72 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	36.80 -0.45 0.00	33.24 -0.51 0.00	30.29 -0.49 0.00	28.10 -0.40 0.00	28.59 -0.26 0.00	32.95 0.10 0.00	36.64 0.40 0.00	39.12 0.50 0.00	37.60 0.45 0.00	36.94 0.47 0.00	40.91 0.45 0.00	45.53 0.63 0.00	47.93 0.47 0.00	51.64 0.46 0.00	53.08 0.42 0.00	56.82 0.40 0.00	68.77 0.21 0.00	79.20 -0.40 0.00	80.53 -0.48 0.00	79.22 -0.32 0.00	75.41 0.53 0.00	62.92 0.80 -0.13	55.96 0.77 -0.44	48.77 0.72 -0.38
MARSHVLE_115KV_TB1 80742	40.37 3.13 0.00	36.51 2.77 0.00	33.28 2.49 0.00	30.78 2.28 0.00	31.16 2.31 0.00	35.41 2.56 0.00	38.70 2.46 0.00	40.63 2.01 0.00	39.09 1.93 0.00	37.92 1.46 0.00	41.92 1.46 0.00	46.24 1.57 0.23	49.13 1.71 0.03	53.28 2.10 0.00	55.03 2.37 0.00	59.25 2.82 0.00	72.41 3.84 0.00	86.28 6.69 0.00	90.17 9.15 0.00	90.27 10.74 0.00	85.06 10.18 0.00	70.17 8.18 0.00	61.43 6.68 0.00	53.06 5.39 0.00
MARSH_HILL_WT_PWR 323713	38.70 1.45 0.00	35.30 1.55 0.00	32.23 1.45 0.00	29.75 1.25 0.00	30.01 1.16 0.00	33.14 0.29 0.00	36.31 0.07 0.00	38.23 -0.39 0.00	36.56 -0.60 0.00	35.81 -0.66 0.00	39.70 -0.77 0.00	44.67 -0.22 0.00	47.45 0.00 0.00	51.43 0.26 0.00	53.29 0.63 0.00	57.38 0.96 0.00	68.98 0.41 0.00	81.03 1.43 0.00	84.57 3.56 0.00	83.12 3.58 0.00	76.67 1.79 0.00	63.59 1.61 0.00	56.61 1.86 0.00	49.44 1.76 0.00
MCINTYRE_115KV_TB2 80467	38.18 0.93 0.00	34.42 0.67 0.00	31.31 0.52 0.00	29.01 0.51 0.00	29.49 0.63 0.00	34.06 1.22 0.00	38.05 1.81 0.00	40.39 1.78 0.00	38.42 1.26 0.00	37.63 1.17 0.00	41.56 1.09 0.00	46.20 1.30 0.00	48.92 1.47 0.00	52.82 1.64 0.00	54.18 1.53 0.00	57.78 1.35 0.00	69.53 0.96 0.00	80.39 0.80 0.00	82.23 1.22 0.00	81.52 1.99 0.00	78.10 3.22 0.00	67.92 3.47 -2.47	66.32 3.23 -8.34	57.79 2.96 -7.16
MECO_____69_KV_BK1 80468	40.49 3.24 0.00	36.58 2.83 0.00	33.34 2.56 0.00	30.81 2.31 0.00	31.22 2.37 0.00	35.47 2.63 0.00	38.85 2.61 0.00	40.94 2.32 0.00	39.16 2.01 0.00	37.89 1.42 0.00	41.76 1.29 0.00	46.06 1.39 0.23	48.94 1.52 0.03	53.02 1.84 0.00	54.76 2.11 0.00	59.08 2.65 0.00	72.54 3.98 0.00	86.84 7.24 0.00	90.41 9.40 0.00	90.03 10.50 0.00	84.61 9.73 0.00	69.67 7.69 0.00	60.99 6.24 0.00	52.68 5.01 0.00
MENANDS___115KV_TB5 355628	37.84 0.60 0.00	34.28 0.54 0.00	31.40 0.62 0.00	29.10 0.60 0.00	29.37 0.52 0.00	33.31 0.46 0.00	36.56 0.33 0.00	39.12 0.50 0.00	37.75 0.59 0.00	36.98 0.51 0.00	41.03 0.57 0.00	45.01 0.40 0.29	47.85 0.43 0.04	51.48 0.31 0.00	52.92 0.26 0.00	56.59 0.17 0.00	69.11 0.55 0.00	80.95 1.35 0.00	82.47 1.46 0.00	80.57 1.03 0.00	75.40 0.52 0.00	62.11 0.12 0.00	54.75 0.00 0.00	47.77 0.10 0.00
MG INDUSTRY___DRP 24185	37.95 0.71 0.00	34.38 0.64 0.00	31.49 0.71 0.00	29.18 0.68 0.00	29.46 0.61 0.00	33.41 0.56 0.00	36.64 0.40 0.00	39.08 0.46 0.00	37.60 0.45 0.00	36.79 0.33 0.00	40.79 0.32 0.00	44.91 0.18 0.16	47.62 0.19 0.02	50.97 -0.20 0.00	52.45 -0.21 0.00	56.14 -0.28 0.00	67.26 -1.30 0.00	78.72 -0.88 0.00	80.36 -0.65 0.00	78.74 -0.80 0.00	73.90 -0.97 0.00	60.99 -0.99 0.00	53.76 -0.99 0.00	47.15 -0.52 0.00

MID___OSWEGATCHIE_HYD 23849	38.06 0.82 0.00	34.42 0.67 0.00	31.34 0.55 0.00	29.04 0.54 0.00	29.46 0.61 0.00	33.83 0.99 0.00	37.65 1.41 0.00	40.01 1.39 0.00	38.12 0.97 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.93 1.03 0.00	48.59 1.14 0.00	52.61 1.43 0.00	53.92 1.26 0.00	57.67 1.24 0.00	69.59 1.03 0.00	80.95 1.35 0.00	82.96 1.94 0.00	82.24 2.70 0.00	77.95 3.07 0.00	66.58 3.10 -1.49	62.47 2.68 -5.04	54.34 2.34 -4.33
MID___RAQUETTE_HYD 23851	37.69 0.45 0.00	34.01 0.27 0.00	30.94 0.15 0.00	28.70 0.20 0.00	29.14 0.29 0.00	33.60 0.76 0.00	37.58 1.34 0.00	39.97 1.35 0.00	38.20 1.04 0.00	37.45 0.98 0.00	41.40 0.93 0.00	46.06 1.17 0.00	48.73 1.28 0.00	52.61 1.43 0.00	53.87 1.21 0.00	57.33 0.90 0.00	68.70 0.14 0.00	79.36 -0.24 0.00	80.93 -0.08 0.00	79.85 0.32 0.00	76.23 1.35 0.00	66.23 2.05 -2.20	64.39 2.19 -7.45	56.21 2.15 -6.39
MILLIKEN___1 23584	38.03 0.78 0.00	34.62 0.88 0.00	31.59 0.80 0.00	29.21 0.71 0.00	29.52 0.66 0.00	33.31 0.46 0.00	36.74 0.51 0.00	39.00 0.39 0.00	37.30 0.15 0.00	36.54 0.07 0.00	40.55 0.08 0.00	45.21 0.31 0.00	47.79 0.33 0.00	51.89 0.72 0.00	53.55 0.90 0.00	57.61 1.18 0.00	70.01 1.44 0.00	82.06 2.47 0.00	84.09 3.08 0.00	83.11 3.58 0.00	77.50 2.62 0.00	63.91 1.92 0.00	56.28 1.53 0.00	48.67 1.00 0.00
MILLIKEN___2 23585	38.03 0.78 0.00	34.62 0.88 0.00	31.59 0.80 0.00	29.21 0.71 0.00	29.52 0.66 0.00	33.31 0.46 0.00	36.74 0.51 0.00	39.00 0.39 0.00	37.30 0.15 0.00	36.54 0.07 0.00	40.55 0.08 0.00	45.21 0.31 0.00	47.79 0.33 0.00	51.89 0.72 0.00	53.55 0.90 0.00	57.61 1.18 0.00	70.01 1.44 0.00	82.06 2.47 0.00	84.09 3.08 0.00	83.11 3.58 0.00	77.50 2.62 0.00	63.91 1.92 0.00	56.28 1.53 0.00	48.67 1.00 0.00
MILLIKEN___DIESEL 23629	38.03 0.78 0.00	34.62 0.88 0.00	31.59 0.80 0.00	29.21 0.71 0.00	29.52 0.66 0.00	33.31 0.46 0.00	36.74 0.51 0.00	39.00 0.39 0.00	37.30 0.15 0.00	36.54 0.07 0.00	40.55 0.08 0.00	45.21 0.31 0.00	47.79 0.33 0.00	51.89 0.72 0.00	53.55 0.90 0.00	57.61 1.18 0.00	70.01 1.44 0.00	82.06 2.47 0.00	84.09 3.08 0.00	83.11 3.58 0.00	77.50 2.62 0.00	63.91 1.92 0.00	56.28 1.53 0.00	48.67 1.00 0.00
MILLSEAT___LFGE 323607	38.55 1.30 0.00	35.33 1.59 0.00	32.42 1.63 0.00	29.81 1.31 0.00	29.98 1.12 0.00	32.81 -0.03 0.00	35.37 -0.87 0.00	37.27 -1.35 0.00	36.00 -1.15 0.00	35.30 -1.17 0.00	39.25 -1.21 0.00	44.36 -0.54 0.00	47.45 0.00 0.00	51.38 0.21 0.00	53.34 0.68 0.00	57.38 0.96 0.00	68.63 0.07 0.00	80.39 0.80 0.00	84.26 3.24 0.00	82.08 2.54 0.00	75.47 0.60 0.00	62.73 0.75 0.00	56.12 1.37 0.00	49.63 1.96 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.77 1.53 0.00	35.03 1.28 0.00	31.96 1.17 0.00	29.56 1.05 0.00	29.81 0.95 0.00	33.83 0.99 0.00	37.25 1.01 0.00	40.12 1.51 0.00	38.98 1.82 0.00	38.32 1.86 0.00	42.65 2.19 0.00	47.32 2.11 -0.31	49.77 2.28 -0.04	53.28 2.10 0.00	54.66 2.00 0.00	58.34 1.92 0.00	71.31 2.74 0.00	83.42 3.82 0.00	84.58 3.56 0.00	82.48 2.94 0.00	76.83 1.95 0.00	62.92 0.93 0.00	55.68 0.93 0.00	48.72 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	38.85 1.60 0.00	35.09 1.35 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.83 0.98 0.00	33.90 1.05 0.00	37.32 1.09 0.00	40.20 1.58 0.00	39.05 1.89 0.00	38.40 1.93 0.00	42.73 2.27 0.00	47.45 2.24 -0.31	49.86 2.37 -0.04	53.43 2.25 0.00	54.81 2.16 0.00	58.57 2.14 0.00	71.58 3.02 0.00	83.73 4.14 0.00	84.98 3.97 0.00	82.79 3.26 0.00	77.12 2.25 0.00	63.10 1.12 0.00	55.90 1.15 0.00	48.86 1.19 0.00
MODEL_CITY_ENERGY 24167	37.54 0.30 0.00	34.52 0.78 0.00	31.77 0.98 0.00	29.10 0.60 0.00	29.26 0.40 0.00	31.96 -0.89 0.00	34.24 -1.99 0.00	35.95 -2.66 0.00	34.85 -2.30 0.00	34.24 -2.23 0.00	38.04 -2.43 0.00	42.97 -1.93 0.00	45.93 -1.52 0.00	49.64 -1.53 0.00	51.60 -1.05 0.00	55.35 -1.07 0.00	65.96 -2.61 0.00	77.21 -2.39 0.00	80.85 -0.16 0.00	78.58 -0.95 0.00	72.11 -2.77 0.00	60.06 -1.92 0.00	54.09 -0.65 0.00	48.15 0.48 0.00
MODERN_LFGE___ 323580	37.54 0.30 0.00	34.52 0.78 0.00	31.77 0.98 0.00	29.10 0.60 0.00	29.26 0.40 0.00	31.96 -0.89 0.00	34.24 -1.99 0.00	35.95 -2.66 0.00	34.85 -2.30 0.00	34.24 -2.23 0.00	38.04 -2.43 0.00	42.97 -1.93 0.00	45.93 -1.52 0.00	49.64 -1.53 0.00	51.60 -1.05 0.00	55.35 -1.07 0.00	65.96 -2.61 0.00	77.21 -2.39 0.00	80.85 -0.16 0.00	78.58 -0.95 0.00	72.11 -2.77 0.00	60.06 -1.92 0.00	54.09 -0.65 0.00	48.15 0.48 0.00
MOHAWK_PAPER___DRP 24187	38.06 0.82 0.00	34.49 0.74 0.00	31.59 0.80 0.00	29.24 0.74 0.00	29.52 0.66 0.00	33.47 0.62 0.00	36.74 0.51 0.00	39.31 0.70 0.00	37.94 0.78 0.00	37.12 0.66 0.00	41.23 0.77 0.29	45.24 0.63 0.04	48.13 0.71 0.00	51.79 0.61 0.00	53.29 0.63 0.00	57.05 0.62 0.00	69.66 1.10 0.00	81.66 2.07 0.00	83.28 2.27 0.00	81.44 1.91 0.00	76.15 1.27 0.00	62.73 0.74 0.00	55.29 0.55 0.00	48.15 0.48 0.00
MOHICAN___35_KV_115KV_LD 80490	39.00 1.75 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.75 1.25 0.00	30.09 1.24 0.00	34.19 1.35 0.00	37.54 1.30 0.00	39.97 1.35 0.00	38.46 1.30 0.00	37.63 1.17 0.00	41.44 0.97 0.00	45.68 1.08 0.30	48.51 1.09 0.04	52.51 1.33 0.00	54.13 1.47 0.00	58.12 1.69 0.00	71.17 2.61 0.00	84.13 4.54 0.00	86.60 5.59 0.00	85.10 5.57 0.00	79.90 5.02 0.00	65.64 3.66 0.00	57.59 2.85 0.00	49.82 2.15 0.00
MONGAUP___HYD 23641	38.70 1.45 0.00	34.99 1.25 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.78 0.92 0.00	33.80 0.95 0.00	37.25 1.01 0.00	39.93 1.31 0.00	38.34 1.19 0.00	37.74 1.28 0.00	41.88 1.42 -0.26	46.55 1.39 -0.03	48.96 1.47 0.00	52.77 1.59 0.00	54.23 1.58 0.00	58.23 1.81 0.00	71.24 2.67 0.00	83.57 3.98 0.00	85.14 4.13 0.00	83.59 4.05 0.00	77.95 3.07 0.00	63.91 1.92 0.00	56.39 1.64 0.00	48.91 1.24 0.00
MONTAUK___DIESEL 23721	41.16 3.91 0.00	37.02 3.27 0.00	33.59 2.80 0.00	30.87 2.37 0.00	31.07 2.22 0.00	35.54 2.69 0.00	38.74 2.50 0.00	42.21 3.59 0.00	41.47 4.31 0.00	40.73 4.27 0.00	45.85 5.38 0.00	50.82 5.61 -0.31	53.33 5.84 -0.04	56.76 5.58 0.00	57.82 5.16 0.00	62.07 5.64 0.00	76.11 7.54 0.00	90.02 10.43 0.00	90.73 9.72 0.00	86.92 7.40 0.02	72.22 5.47 8.13	65.69 3.72 0.02	51.55 2.63 5.83	51.25 3.58 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.81 1.56 0.00	35.50 1.75 0.00	32.42 1.63 0.00	29.93 1.43 0.00	30.12 1.27 0.00	32.85 0.00 0.00	35.98 -0.25 0.00	38.00 -0.62 0.00	36.56 -0.59 0.00	36.36 -0.11 0.00	40.10 -0.36 0.00	45.75 0.85 0.00	47.93 0.47 0.00	52.71 1.54 0.00	54.87 2.21 0.00	59.30 2.88 0.00	70.07 1.51 0.00	81.50 1.91 0.00	83.04 2.03 0.00	83.03 3.50 0.00	75.85 0.97 0.00	63.35 1.36 0.00	56.94 2.19 0.00	49.15 1.48 0.00

MORRIS_RIDGE___SOLAR 323848	38.18 0.93 0.00	34.89 1.15 0.00	31.86 1.08 0.00	29.41 0.91 0.00	29.63 0.78 0.00	32.62 -0.23 0.00	35.55 -0.69 0.00	37.38 -1.24 0.00	35.78 -1.37 0.00	35.08 -1.39 0.00	38.93 -1.54 0.00	43.78 -1.12 0.00	46.65 -0.81 0.00	50.46 -0.72 0.00	52.29 -0.37 0.00	56.26 -0.17 0.00	67.54 -1.03 0.00	79.12 -0.47 0.00	82.72 1.70 0.00	81.21 1.67 0.00	74.95 0.07 0.00	62.30 0.31 0.00	55.62 0.87 0.00	48.77 1.10 0.00
MORTIMER_115KV_TB3 55949	37.95 0.71 0.00	34.69 0.94 0.00	31.68 0.89 0.00	29.27 0.77 0.00	29.52 0.66 0.00	32.75 -0.10 0.00	35.80 -0.43 0.00	37.88 -0.73 0.00	36.34 -0.82 0.00	35.81 -0.66 0.00	39.74 -0.73 0.00	44.72 -0.18 0.00	47.22 -0.24 0.00	51.54 0.36 0.00	53.45 0.79 0.00	57.55 1.13 0.00	69.32 0.75 0.00	80.95 1.35 0.00	82.55 1.54 0.00	81.76 2.23 0.00	76.00 1.12 0.00	62.85 0.87 0.00	55.68 0.93 0.00	48.29 0.62 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.23 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.43 1.82 0.00	39.35 2.19 0.00	38.73 2.26 0.00	43.10 2.63 0.00	47.77 2.56 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.03 2.37 0.00	58.74 2.31 0.00	71.72 3.15 0.00	83.81 4.22 0.00	84.98 3.97 0.00	82.87 3.34 0.00	77.12 2.25 0.00	63.04 1.05 0.00	56.01 1.26 0.00	49.01 1.33 0.00
MUNSVILLE_WIND_PWR 323609	40.00 2.76 0.00	36.28 2.53 0.00	33.12 2.34 0.00	30.70 2.19 0.00	31.08 2.22 0.00	35.15 2.30 0.00	38.85 2.61 0.00	41.32 2.70 0.00	39.05 1.89 0.00	38.03 1.57 0.00	41.96 1.50 0.00	46.96 2.07 0.00	49.87 2.42 0.00	54.46 3.28 0.00	56.29 3.63 0.00	60.77 4.35 0.00	74.12 5.55 0.00	87.40 7.80 0.00	90.81 9.80 0.00	89.72 10.18 0.00	83.41 8.53 0.00	68.62 6.64 0.00	60.06 5.31 0.00	52.15 4.48 0.00
N SALMON___HYD 24042	37.43 0.19 0.00	33.81 0.07 0.00	30.82 0.03 0.00	28.56 0.06 0.00	29.03 0.17 0.00	33.54 0.69 0.00	37.32 1.09 0.00	39.85 1.24 0.00	38.19 1.04 0.00	37.52 1.06 0.00	41.52 1.05 0.00	46.33 1.44 0.00	48.88 1.42 0.00	52.71 1.53 0.00	54.08 1.42 0.00	57.84 1.41 0.00	69.73 1.16 0.00	80.55 0.96 0.00	82.06 1.05 0.00	80.80 1.27 0.00	77.05 2.17 0.00	64.95 2.17 -0.79	59.45 2.03 -2.68	51.74 1.76 -2.30
N.AKRON__115KV_KNAPP 355671	38.47 1.23 0.00	35.30 1.55 0.00	32.23 1.45 0.00	29.78 1.28 0.00	29.95 1.10 0.00	32.75 -0.10 0.00	35.33 -0.91 0.00	37.19 -1.43 0.00	35.67 -1.49 0.00	35.26 -1.20 0.00	38.97 -1.50 0.00	44.27 -0.63 0.00	46.55 -0.90 0.00	51.18 0.00 0.00	53.34 0.68 0.00	57.55 1.13 0.00	68.43 -0.14 0.00	80.15 0.56 0.00	81.82 0.81 0.00	81.76 2.23 0.00	75.25 0.37 0.00	62.48 0.50 0.00	56.01 1.26 0.00	48.72 1.05 0.00
N.E_GEN_SANDY PD 24062	38.33 1.08 0.00	34.69 0.94 0.00	31.71 0.92 0.00	29.38 0.88 0.00	29.63 0.78 0.00	33.60 0.76 0.00	36.89 0.65 0.00	39.58 0.97 0.00	38.19 1.04 0.00	37.45 0.98 0.00	41.60 1.13 0.00	43.76 0.94 2.08	48.10 0.90 0.25	52.10 0.92 0.00	53.50 0.84 0.00	57.27 0.85 0.00	69.94 1.37 0.00	81.98 2.39 0.00	83.20 2.19 0.00	81.52 1.99 0.00	76.07 1.19 0.00	62.61 0.62 0.00	55.18 0.44 0.00	47.96 0.29 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.77 1.53 0.00	34.99 1.25 0.00	31.92 1.14 0.00	29.56 1.05 0.00	29.78 0.92 0.00	33.80 0.95 0.00	37.25 1.01 0.00	40.09 1.47 0.00	38.90 1.75 0.00	38.29 1.82 0.00	42.61 2.14 0.00	47.30 2.11 -0.29	49.72 2.23 -0.04	53.28 2.10 0.00	54.60 1.95 0.00	58.40 1.97 0.00	71.31 2.74 0.00	83.42 3.82 0.00	84.58 3.56 0.00	82.56 3.02 0.00	76.83 1.95 0.00	62.92 0.93 0.00	55.68 0.93 0.00	48.67 1.00 0.00
N.QUEENS_27_KV_LOAD 356247	39.37 2.12 0.00	35.53 1.79 0.00	32.42 1.63 0.00	29.95 1.45 0.00	30.15 1.30 0.00	34.29 1.45 0.00	37.69 1.45 0.00	40.43 1.82 0.00	39.50 2.34 0.00	38.93 2.48 0.02	43.32 2.87 0.02	47.86 2.65 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.40 1.97 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.74 3.73 0.00	82.64 3.10 0.00	77.05 2.17 0.00	63.10 1.12 0.00	56.23 1.48 0.00	49.30 1.62 -0.01
N.TROY___115KV_TB1 355778	38.36 1.12 0.00	34.76 1.01 0.00	31.77 0.99 0.00	29.41 0.91 0.00	29.72 0.87 0.00	33.70 0.85 0.00	37.00 0.76 0.00	39.58 0.97 0.00	38.12 0.97 0.00	37.30 0.84 0.00	41.40 0.93 0.00	45.37 0.85 0.38	48.31 0.90 0.05	52.10 0.92 0.00	53.55 0.90 0.00	57.38 0.96 0.00	70.14 1.58 0.00	82.30 2.71 0.00	84.09 3.08 0.00	82.24 2.70 0.00	76.97 2.10 0.00	63.41 1.43 0.00	55.79 1.04 0.00	48.53 0.86 0.00
NARROWS_GT1_1 24228	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT1_2 24229	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT1_3 24230	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT1_4 24231	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT1_5 24232	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00

NARROWS_GT1_6 24233	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT1_7 24234	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT1_8 24235	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT2_1 24236	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT2_2 24237	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT2_3 24238	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT2_4 24239	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT2_5 24240	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT2_6 24241	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT2_7 24242	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NARROWS_GT2_8 24243	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.44 2.88 0.01	83.49 3.90 0.01	84.48 3.48 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.85 0.87 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.44 1.19 0.00	34.82 1.08 0.00	31.86 1.08 0.00	29.50 1.00 0.00	29.81 0.95 0.00	33.80 0.95 0.00	37.07 0.83 0.00	39.58 0.97 0.00	37.71 0.56 0.00	36.90 0.44 0.00	40.87 0.40 0.00	45.46 0.67 0.11	48.20 0.76 0.01	51.38 0.20 0.00	52.97 0.32 0.00	56.88 0.45 0.00	69.59 1.03 0.00	81.90 2.31 0.00	83.85 2.84 0.00	82.32 2.78 0.00	77.12 2.25 0.00	63.47 1.49 0.00	55.79 1.04 0.00	48.72 1.05 0.00
NCHELSEA_115KV_TR2 355582	38.88 1.64 0.00	35.16 1.42 0.00	32.08 1.29 0.00	29.67 1.17 0.00	29.92 1.07 0.00	33.96 1.12 0.00	37.40 1.16 0.00	40.24 1.62 0.00	38.83 1.67 0.00	38.22 1.75 0.00	42.53 2.06 0.00	47.26 2.11 -0.25	49.76 2.28 -0.03	53.53 2.35 0.00	55.03 2.37 0.00	58.85 2.43 0.00	72.06 3.50 0.00	84.37 4.78 0.00	85.71 4.70 0.00	83.67 4.14 0.00	77.87 3.00 0.00	63.78 1.80 0.00	56.33 1.59 0.00	49.10 1.43 0.00
NEG CAPITAL___MECHNVIL 23645	38.92 1.68 0.00	35.23 1.48 0.00	32.17 1.39 0.00	29.75 1.25 0.00	30.09 1.24 0.00	34.16 1.32 0.00	37.47 1.23 0.00	40.01 1.39 0.00	38.46 1.30 0.00	37.71 1.24 0.00	41.72 1.26 0.00	45.91 1.35 0.33	48.79 1.38 0.04	52.82 1.64 0.00	54.39 1.74 0.00	58.40 1.97 0.00	71.38 2.81 0.00	84.05 4.45 0.00	85.79 4.78 0.00	84.31 4.77 0.00	78.92 4.04 0.00	64.96 2.98 0.00	57.10 2.35 0.00	49.48 1.81 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.13 -0.11 0.00	33.91 0.17 0.00	30.97 0.19 0.00	28.61 0.11 0.00	28.88 0.03 0.00	32.19 -0.66 0.00	35.29 -0.94 0.00	37.42 -1.20 0.00	36.00 -1.15 0.00	35.30 -1.17 0.00	39.33 -1.13 0.00	44.09 -0.81 0.00	46.89 -0.57 0.00	50.82 -0.36 0.00	52.55 -0.11 0.00	56.54 0.11 0.00	68.36 -0.21 0.00	79.91 0.32 0.00	82.55 1.54 0.00	80.65 1.11 0.00	75.03 0.15 0.00	61.92 -0.06 0.00	54.75 0.00 0.00	47.77 0.10 0.00



NEG CENTRAL___DRP 24199	37.80 0.56 0.00	34.45 0.71 0.00	31.43 0.65 0.00	29.04 0.54 0.00	29.34 0.49 0.00	32.98 0.13 0.00	36.31 0.07 0.00	38.50 -0.12 0.00	36.86 -0.30 0.00	36.17 -0.29 0.00	40.18 -0.28 0.00	44.99 0.09 0.00	47.41 -0.05 0.00	51.59 0.41 0.00	53.29 0.63 0.00	57.38 0.96 0.00	69.46 0.89 0.00	81.35 1.75 0.00	83.20 2.19 0.00	82.32 2.78 0.00	76.53 1.65 0.00	63.16 1.18 0.00	55.73 0.99 0.00	48.15 0.48 0.00
NEG CENTRAL___INDECK 23768	39.40 2.16 0.00	35.97 2.23 0.00	32.85 2.06 0.00	30.35 1.85 0.00	30.58 1.73 0.00	33.87 1.02 0.00	37.03 0.80 0.00	38.93 0.31 0.00	37.08 -0.07 0.00	36.21 -0.25 0.00	40.14 -0.33 0.00	45.08 0.18 0.00	46.55 -0.90 0.00	50.46 -0.72 0.00	52.50 -0.16 0.00	56.54 0.11 0.00	68.36 -0.21 0.00	80.31 0.71 0.00	84.33 3.32 0.00	83.12 3.58 0.00	77.20 2.32 0.00	63.91 1.92 0.00	56.50 1.75 0.00	49.29 1.62 0.00
NEG CENTRAL___SENECA 23627	38.18 0.93 0.00	34.76 1.01 0.00	31.71 0.92 0.00	29.30 0.80 0.00	29.60 0.75 0.00	33.11 0.26 0.00	36.45 0.22 0.00	38.62 0.00 0.00	36.93 -0.22 0.00	36.28 -0.18 0.00	40.26 -0.20 0.00	45.17 0.27 0.00	47.50 0.05 0.00	51.79 0.61 0.00	53.60 0.95 0.00	57.78 1.35 0.00	69.80 1.23 0.00	81.82 2.23 0.00	83.77 2.75 0.00	83.11 3.58 0.00	77.05 2.17 0.00	63.60 1.61 0.00	56.17 1.42 0.00	48.43 0.76 0.00
NEG CENTRAL___STATE_STREET 24147	37.58 0.34 0.00	34.25 0.51 0.00	31.28 0.49 0.00	28.87 0.37 0.00	29.20 0.35 0.00	32.95 0.10 0.00	36.31 0.07 0.00	38.50 -0.12 0.00	36.90 -0.26 0.00	36.21 -0.26 0.00	40.22 -0.24 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.54 0.36 0.00	53.18 0.53 0.00	57.22 0.79 0.00	69.39 0.82 0.00	81.19 1.59 0.00	83.04 2.03 0.00	82.00 2.47 0.00	76.45 1.57 0.00	63.10 1.12 0.00	55.57 0.82 0.00	48.01 0.33 0.00
NEG MILLWOOD___DRP 24198	39.00 1.75 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.73 1.23 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.51 1.27 0.00	40.36 1.74 0.00	39.05 1.89 0.00	38.40 1.93 0.00	42.77 2.31 0.00	47.51 2.33 -0.28	50.05 2.56 -0.03	53.79 2.61 0.00	55.29 2.63 0.00	59.13 2.71 0.00	72.54 3.98 0.00	84.85 5.25 0.00	86.12 5.10 0.00	83.99 4.45 0.00	78.17 3.29 0.00	63.97 1.98 0.00	56.44 1.70 0.00	49.25 1.57 0.00
NEG NORTH_FLCN_SEA 23793	36.91 -0.34 0.00	33.34 -0.40 0.00	30.42 -0.37 0.00	28.22 -0.29 0.00	28.68 -0.17 0.00	33.11 0.26 0.00	36.82 0.58 0.00	39.31 0.70 0.00	37.79 0.63 0.00	37.09 0.62 0.00	41.07 0.61 0.00	45.35 0.45 0.00	47.98 0.52 0.00	51.74 0.56 0.00	53.13 0.47 0.00	56.88 0.45 0.00	68.77 0.21 0.00	79.36 -0.24 0.00	80.69 -0.32 0.00	79.37 -0.16 0.00	75.63 0.75 0.00	63.01 0.87 -0.16	56.10 0.82 -0.53	48.84 0.72 -0.46
NEG NORTH_KES_CHATEGAY 23792	36.84 -0.41 0.00	33.27 -0.47 0.00	30.32 -0.46 0.00	28.13 -0.37 0.00	28.62 -0.23 0.00	33.01 0.16 0.00	36.71 0.47 0.00	39.16 0.54 0.00	37.60 0.45 0.00	36.90 0.44 0.00	40.87 0.40 0.00	45.30 0.40 0.00	47.93 0.47 0.00	51.59 0.41 0.00	53.02 0.37 0.00	56.82 0.39 0.00	68.77 0.21 0.00	79.20 -0.40 0.00	80.61 -0.41 0.00	79.37 -0.16 0.00	75.70 0.82 0.00	63.31 0.99 -0.33	56.79 0.93 -1.12	49.49 0.86 -0.96
NEG NORTH___ALICE_FALLS 23915	37.13 -0.11 0.00	33.58 -0.17 0.00	30.63 -0.15 0.00	28.41 -0.09 0.00	28.85 0.00 0.00	33.31 0.46 0.00	37.03 0.80 0.00	39.55 0.93 0.00	37.97 0.82 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.71 0.81 0.00	48.36 0.90 0.00	52.15 0.97 0.00	53.60 0.95 0.00	57.38 0.96 0.00	69.39 0.82 0.00	80.15 0.56 0.00	81.58 0.57 0.00	80.25 0.72 0.00	76.45 1.57 0.00	63.72 1.55 -0.18	56.74 1.37 -0.62	49.40 1.19 -0.54
NEG NORTH___LWR_SARANAC 23913	37.13 -0.11 0.00	33.58 -0.17 0.00	30.63 -0.15 0.00	28.41 -0.09 0.00	28.85 0.00 0.00	33.31 0.46 0.00	37.03 0.80 0.00	39.55 0.93 0.00	37.97 0.82 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.71 0.81 0.00	48.36 0.90 0.00	52.15 0.97 0.00	53.60 0.95 0.00	57.38 0.96 0.00	69.39 0.82 0.00	80.15 0.56 0.00	81.58 0.57 0.00	80.25 0.72 0.00	76.45 1.57 0.00	63.72 1.55 -0.18	56.74 1.37 -0.62	49.40 1.19 -0.54
NEG NORTH___PLATTSBURG 23628	37.13 -0.11 0.00	33.58 -0.17 0.00	30.63 -0.15 0.00	28.42 -0.09 0.00	28.85 0.00 0.00	33.31 0.46 0.00	37.03 0.80 0.00	39.54 0.93 0.00	37.97 0.82 0.00	37.30 0.84 0.00	41.27 0.81 0.00	46.02 1.12 0.00	48.35 0.90 0.00	52.15 0.97 0.00	53.60 0.95 0.00	57.38 0.96 0.00	69.39 0.83 0.00	80.16 0.56 0.00	81.58 0.57 0.00	80.25 0.71 0.00	76.45 1.57 0.00	63.72 1.55 -0.18	56.73 1.37 -0.62	49.39 1.19 -0.53
NEG WEST_LEA_LOCKPORT 23791	37.92 0.67 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.36 0.86 0.00	29.55 0.69 0.00	32.19 -0.66 0.00	34.61 -1.63 0.00	36.38 -2.24 0.00	34.93 -2.23 0.00	34.61 -1.86 0.00	38.20 -2.27 0.00	43.42 -1.48 0.00	45.60 -1.85 0.00	50.10 -1.07 0.00	52.23 -0.42 0.00	56.31 -0.11 0.00	66.78 -1.78 0.00	78.08 -1.51 0.00	79.47 -1.54 0.00	79.53 0.00 0.00	73.01 -1.87 0.00	60.81 -1.18 0.00	54.69 -0.05 0.00	47.77 0.10 0.00
NEG WEST___LANCASTR 23811	37.36 0.11 0.00	34.18 0.44 0.00	31.22 0.43 0.00	28.81 0.31 0.00	29.00 0.14 0.00	31.63 -1.22 0.00	34.39 -1.85 0.00	36.34 -2.28 0.00	34.93 -2.23 0.00	34.68 -1.79 0.00	38.24 -2.23 0.00	43.51 -1.39 0.00	45.65 -1.80 0.00	50.15 -1.02 0.00	52.23 -0.42 0.00	56.43 0.00 0.00	66.85 -1.71 0.00	78.16 -1.43 0.00	79.55 -1.46 0.00	79.53 0.00 0.00	72.78 -2.10 0.00	60.75 -1.24 0.00	54.58 -0.16 0.00	47.24 -0.43 0.00
NEG_PENN_ALLEGHNY 23528	37.80 0.56 0.00	34.38 0.64 0.00	31.40 0.62 0.00	29.01 0.51 0.00	29.31 0.46 0.00	32.98 0.13 0.00	36.27 0.04 0.00	38.58 -0.04 0.00	37.08 -0.07 0.00	36.43 -0.04 0.00	40.42 -0.04 0.00	45.08 0.18 0.00	47.83 0.38 0.00	51.74 0.56 0.00	53.39 0.74 0.00	57.38 0.96 0.00	69.52 0.96 0.00	81.27 1.67 0.00	83.53 2.51 0.00	81.84 2.31 0.00	76.15 1.27 0.00	62.92 0.93 0.00	55.57 0.82 0.00	48.39 0.72 0.00
NEG___GEN_MONROE 24207	38.10 0.86 0.00	34.79 1.05 0.00	31.77 0.99 0.00	29.36 0.86 0.00	29.60 0.75 0.00	32.78 -0.07 0.00	35.80 -0.43 0.00	37.81 -0.81 0.00	36.26 -0.89 0.00	35.74 -0.73 0.00	39.62 -0.85 0.00	44.63 -0.27 0.00	47.12 -0.33 0.00	51.43 0.26 0.00	53.34 0.68 0.00	57.50 1.07 0.00	69.18 0.62 0.00	80.79 1.19 0.00	82.55 1.54 0.00	82.00 2.47 0.00	76.00 1.12 0.00	62.92 0.93 0.00	55.90 1.15 0.00	48.58 0.91 0.00
NEPA___ENERGY 23901	38.03 0.78 0.00	34.76 1.01 0.00	31.74 0.95 0.00	29.33 0.83 0.00	29.52 0.66 0.00	32.19 -0.66 0.00	34.97 -1.27 0.00	36.92 -1.70 0.00	35.48 -1.67 0.00	35.41 -1.06 0.00	39.05 -1.42 0.00	44.36 -0.54 0.00	46.60 -0.85 0.00	51.13 -0.05 0.00	53.29 0.63 0.00	57.55 1.13 0.00	68.29 -0.27 0.00	79.83 0.24 0.00	81.34 0.32 0.00	81.28 1.75 0.00	74.43 -0.45 0.00	62.11 0.12 0.00	55.73 0.99 0.00	48.29 0.62 0.00

NEVERSINK___HYD 23608	38.55 1.30 0.00	34.82 1.08 0.00	31.74 0.96 0.00	29.38 0.88 0.00	29.63 0.78 0.00	33.63 0.79 0.00	37.07 0.83 0.00	39.85 1.24 0.00	38.34 1.19 0.00	37.78 1.31 0.00	41.96 1.50 0.00	46.57 1.48 -0.20	49.09 1.61 -0.02	52.97 1.79 0.00	54.50 1.84 0.00	58.45 2.03 0.00	71.51 2.95 0.00	83.73 4.14 0.00	85.14 4.13 0.00	83.43 3.90 0.00	77.65 2.77 0.00	63.66 1.67 0.00	56.17 1.42 0.00	48.72 1.05 0.00
NEWKRMKL_115KV_TB1 55635	37.66 0.41 0.00	34.15 0.40 0.00	31.28 0.49 0.00	28.99 0.48 0.00	29.26 0.40 0.00	33.18 0.33 0.00	36.42 0.18 0.00	39.00 0.39 0.00	37.60 0.45 0.00	36.83 0.36 0.00	40.87 0.40 0.00	44.86 0.22 0.26	47.66 0.24 0.03	51.23 0.05 0.00	52.71 0.05 0.00	56.37 -0.06 0.00	68.77 0.21 0.00	80.55 0.96 0.00	82.06 1.05 0.00	80.25 0.72 0.00	75.10 0.22 0.00	61.86 -0.12 0.00	54.53 -0.22 0.00	47.58 -0.10 0.00
NEWTON___FALLS_HYD 23847	38.06 0.82 0.00	34.42 0.67 0.00	31.34 0.55 0.00	29.04 0.54 0.00	29.46 0.61 0.00	33.83 0.99 0.00	37.65 1.41 0.00	40.01 1.39 0.00	38.12 0.97 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.93 1.03 0.00	48.59 1.14 0.00	52.61 1.43 0.00	53.92 1.26 0.00	57.67 1.24 0.00	69.59 1.03 0.00	80.95 1.35 0.00	82.96 1.94 0.00	82.24 2.70 0.00	77.95 3.07 0.00	66.58 3.10 -1.49	62.47 2.68 -5.04	54.34 2.34 -4.33
NGRID_A1_DSASP 323792	37.80 0.56 0.00	34.82 1.08 0.00	31.49 0.71 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.67 -1.18 0.00	34.17 -2.06 0.00	35.84 -2.78 0.00	34.78 -2.38 0.00	34.17 -2.30 0.00	37.92 -2.55 0.00	42.83 -2.06 0.00	45.79 -1.66 0.00	49.44 -1.74 0.00	51.39 -1.26 0.00	55.13 -1.30 0.00	65.62 -2.95 0.00	76.73 -2.86 0.00	80.28 -0.73 0.00	78.02 -1.51 0.00	71.59 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.98 0.00	47.86 0.19 0.00
NGRID_A2_DSASP 323793	37.80 0.56 0.00	34.82 1.08 0.00	31.49 0.71 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.67 -1.18 0.00	34.17 -2.06 0.00	35.84 -2.78 0.00	34.78 -2.38 0.00	34.17 -2.30 0.00	37.92 -2.55 0.00	42.83 -2.06 0.00	45.79 -1.66 0.00	49.44 -1.74 0.00	51.39 -1.26 0.00	55.13 -1.30 0.00	65.62 -2.95 0.00	76.73 -2.86 0.00	80.28 -0.73 0.00	78.02 -1.51 0.00	71.59 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.98 0.00	47.86 0.19 0.00
NGRID_A4_DSASP 323807	37.80 0.56 0.00	34.82 1.08 0.00	31.49 0.71 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.67 -1.18 0.00	34.17 -2.06 0.00	35.84 -2.78 0.00	34.78 -2.38 0.00	34.17 -2.30 0.00	37.92 -2.55 0.00	42.83 -2.06 0.00	45.79 -1.66 0.00	49.44 -1.74 0.00	51.39 -1.26 0.00	55.13 -1.30 0.00	65.62 -2.95 0.00	76.73 -2.86 0.00	80.28 -0.73 0.00	78.02 -1.51 0.00	71.59 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.98 0.00	47.86 0.19 0.00
NIAGARA_115E_LBMP 323715	37.36 0.11 0.00	34.35 0.61 0.00	31.65 0.86 0.00	28.93 0.43 0.00	29.11 0.26 0.00	31.83 -1.02 0.00	34.03 -2.21 0.00	35.72 -2.90 0.00	34.63 -2.53 0.00	34.02 -2.44 0.00	37.79 -2.67 0.00	42.70 -2.20 0.00	45.65 -1.80 0.00	49.29 -1.89 0.00	51.24 -1.42 0.00	55.02 -1.41 0.00	65.55 -3.02 0.00	76.57 -3.02 0.00	80.20 -0.81 0.00	78.02 -1.51 0.00	71.59 -3.29 0.00	59.57 -2.42 0.00	53.71 -1.04 0.00	47.86 0.19 0.00
NIAGARA_115W_LBMP 323714	37.73 0.48 0.00	34.76 1.01 0.00	31.43 0.65 0.00	29.30 0.80 0.00	29.49 0.63 0.00	31.60 -1.25 0.00	34.06 -2.17 0.00	35.76 -2.86 0.00	34.70 -2.45 0.00	34.10 -2.37 0.00	37.84 -2.63 0.00	42.74 -2.15 0.00	45.65 -1.80 0.00	49.29 -1.89 0.00	51.24 -1.42 0.00	54.96 -1.47 0.00	65.48 -3.08 0.00	76.49 -3.11 0.00	80.12 -0.89 0.00	77.86 -1.67 0.00	71.44 -3.44 0.00	59.50 -2.48 0.00	53.65 -1.09 0.00	47.72 0.05 0.00
NIAGARA_230_LBMP 323716	37.66 0.41 0.00	34.62 0.88 0.00	31.62 0.83 0.00	29.18 0.68 0.00	29.37 0.52 0.00	31.86 -0.98 0.00	34.35 -1.89 0.00	36.07 -2.55 0.00	34.96 -2.19 0.00	34.35 -2.12 0.00	38.12 -2.35 0.00	43.05 -1.84 0.00	45.98 -1.47 0.00	49.64 -1.53 0.00	51.60 -1.05 0.00	55.35 -1.07 0.00	66.03 -2.54 0.00	77.21 -2.39 0.00	80.69 -0.32 0.00	78.50 -1.04 0.00	72.03 -2.85 0.00	60.00 -1.99 0.00	53.98 -0.77 0.00	48.01 0.34 0.00
NIAGARA___115KV_198_GIBSON 55903	37.73 0.48 0.00	34.76 1.01 0.00	31.74 0.95 0.00	29.30 0.80 0.00	29.49 0.63 0.00	31.60 -1.25 0.00	34.06 -2.17 0.00	35.76 -2.86 0.00	34.37 -2.79 0.00	34.09 -2.37 0.00	37.59 -2.87 0.00	42.70 -2.20 0.00	44.80 -2.66 0.00	49.23 -1.94 0.00	51.34 -1.32 0.00	55.24 -1.18 0.00	65.48 -3.09 0.00	76.49 -3.10 0.00	77.77 -3.24 0.00	77.86 -1.67 0.00	71.43 -3.44 0.00	59.51 -2.48 0.00	53.65 -1.09 0.00	47.10 -0.57 0.00
NIAGARA____ 23760	37.66 0.41 0.00	34.62 0.88 0.00	31.62 0.83 0.00	29.18 0.68 0.00	29.37 0.52 0.00	31.86 -0.98 0.00	34.35 -1.89 0.00	36.07 -2.55 0.00	34.96 -2.19 0.00	34.35 -2.12 0.00	38.12 -2.35 0.00	43.05 -1.84 0.00	45.98 -1.47 0.00	49.64 -1.53 0.00	51.60 -1.05 0.00	55.35 -1.07 0.00	66.03 -2.54 0.00	77.21 -2.39 0.00	80.69 -0.32 0.00	78.50 -1.04 0.00	72.03 -2.85 0.00	60.00 -1.99 0.00	53.98 -0.77 0.00	48.01 0.34 0.00
NINE_MILE_1 23575	36.24 -1.00 0.00	33.03 -0.71 0.00	30.20 -0.59 0.00	27.93 -0.57 0.00	28.22 -0.63 0.00	31.96 -0.89 0.00	35.18 -1.05 0.00	37.31 -1.31 0.00	35.85 -1.30 0.00	35.19 -1.28 0.00	39.09 -1.38 0.00	43.46 -1.44 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.18 -1.47 0.00	54.90 -1.52 0.00	66.72 -1.85 0.00	77.68 -1.91 0.00	79.47 -1.54 0.00	77.94 -1.59 0.00	73.01 -1.87 0.00	60.37 -1.61 0.00	53.27 -1.48 0.00	46.39 -1.28 0.00
NINE_MILE_2 23744	36.24 -1.00 0.00	33.03 -0.71 0.00	30.20 -0.59 0.00	27.93 -0.57 0.00	28.25 -0.61 0.00	31.96 -0.89 0.00	35.18 -1.05 0.00	37.31 -1.31 0.00	35.85 -1.30 0.00	35.19 -1.28 0.00	39.09 -1.38 0.00	43.46 -1.44 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.18 -1.47 0.00	54.90 -1.52 0.00	66.72 -1.85 0.00	77.68 -1.91 0.00	79.47 -1.54 0.00	77.94 -1.59 0.00	73.01 -1.87 0.00	60.37 -1.61 0.00	53.27 -1.48 0.00	46.39 -1.28 0.00
NM_CAPITAL___DRP 24208	37.73 0.48 0.00	34.22 0.47 0.00	31.34 0.55 0.00	29.04 0.54 0.00	29.31 0.46 0.00	33.24 0.39 0.00	36.49 0.25 0.00	39.04 0.42 0.00	37.68 0.52 0.00	36.90 0.44 0.00	40.95 0.49 0.00	44.88 0.27 0.29	47.75 0.33 0.03	51.33 0.15 0.00	52.76 0.11 0.00	56.43 0.00 0.00	68.91 0.34 0.00	80.63 1.03 0.00	82.23 1.22 0.00	80.33 0.80 0.00	75.18 0.30 0.00	61.92 -0.06 0.00	54.58 -0.16 0.00	47.62 -0.05 0.00
NM_CENTRAL___DRP 24181	36.95 -0.30 0.00	33.71 -0.03 0.00	30.85 0.06 0.00	28.50 0.00 0.00	28.80 -0.06 0.00	32.55 -0.30 0.00	35.84 -0.40 0.00	37.96 -0.66 0.00	36.45 -0.71 0.00	35.81 -0.66 0.00	39.78 -0.69 0.00	44.36 -0.54 0.00	46.88 -0.57 0.00	50.82 -0.36 0.00	52.39 -0.26 0.00	56.26 -0.17 0.00	68.29 -0.27 0.00	79.67 0.08 0.00	81.34 0.32 0.00	80.09 0.56 0.00	74.80 -0.07 0.00	61.74 -0.25 0.00	54.42 -0.33 0.00	47.20 -0.48 0.00

NM_FRONTIER___DRP 24179	37.73 0.48 0.00	34.76 1.01 0.00	31.74 0.95 0.00	29.30 0.80 0.00	29.49 0.63 0.00	31.60 -1.25 0.00	34.06 -2.17 0.00	35.76 -2.86 0.00	34.37 -2.79 0.00	34.09 -2.37 0.00	37.59 -2.87 0.00	42.70 -2.20 0.00	44.80 -2.66 0.00	49.23 -1.94 0.00	51.34 -1.32 0.00	55.24 -1.18 0.00	65.48 -3.09 0.00	76.49 -3.10 0.00	77.77 -3.24 0.00	77.86 -1.67 0.00	71.43 -3.44 0.00	59.51 -2.48 0.00	53.65 -1.09 0.00	47.10 -0.57 0.00
NM_ST_REGIS___HYD 24053	37.66 0.41 0.00	33.98 0.24 0.00	30.94 0.15 0.00	28.67 0.17 0.00	29.11 0.26 0.00	33.60 0.76 0.00	37.54 1.30 0.00	39.97 1.35 0.00	38.23 1.08 0.00	37.49 1.02 0.00	41.44 0.97 0.00	46.11 1.21 0.00	48.83 1.38 0.00	52.66 1.48 0.00	53.92 1.26 0.00	57.50 1.07 0.00	69.05 0.48 0.00	79.67 0.08 0.00	81.25 0.24 0.00	80.17 0.64 0.00	76.53 1.65 0.00	66.07 2.17 -1.91	63.41 2.19 -6.47	55.28 2.05 -5.56
NORTHPORT___1 23551	39.63 2.39 0.00	35.70 1.96 0.00	32.42 1.63 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.36 1.51 0.00	37.61 1.38 0.00	40.82 2.20 0.00	39.76 2.60 0.00	39.20 2.74 0.00	43.79 3.32 -0.01	47.59 2.38 -0.31	48.72 1.23 -0.04	51.79 0.62 0.00	48.65 0.84 4.85	49.85 1.07 7.65	57.43 1.09 12.23	69.80 2.31 12.10	71.99 1.62 10.64	70.30 0.32 9.56	64.16 -0.52 10.20	49.60 -1.11 11.27	48.01 -0.82 5.92	46.58 -1.09 0.00
NORTHPORT___2 23552	39.63 2.39 0.00	35.70 1.96 0.00	32.42 1.63 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.36 1.51 0.00	37.61 1.38 0.00	40.82 2.20 0.00	39.76 2.60 0.00	39.20 2.74 0.00	43.79 3.32 -0.01	47.59 2.38 -0.31	48.72 1.23 -0.04	51.79 0.62 0.00	48.65 0.84 4.85	49.85 1.07 7.65	57.43 1.09 12.23	69.80 2.31 12.10	71.99 1.62 10.64	70.30 0.32 9.56	64.16 -0.52 10.20	49.60 -1.11 11.27	48.01 -0.82 5.92	46.58 -1.09 0.00
NORTHPORT___3 23553	39.14 1.90 0.00	35.23 1.48 0.00	32.02 1.23 0.00	29.50 1.00 0.00	29.72 0.86 0.00	33.93 1.08 0.00	37.18 0.94 0.00	40.36 1.74 0.00	39.31 2.15 0.00	38.73 2.26 0.00	43.30 2.83 -0.01	46.69 1.48 -0.31	48.30 0.81 -0.04	51.68 0.51 0.01	48.48 0.68 4.85	49.67 0.90 7.65	57.36 1.03 12.24	69.71 2.23 12.11	71.90 1.54 10.65	70.29 0.32 9.57	64.20 -0.52 10.16	49.47 -1.24 11.28	47.65 -1.20 5.89	46.24 -1.43 0.00
NORTHPORT___4 23650	39.14 1.90 0.00	35.23 1.48 0.00	32.02 1.23 0.00	29.50 1.00 0.00	29.72 0.86 0.00	33.93 1.08 0.00	37.18 0.94 0.00	40.36 1.74 0.00	39.31 2.15 0.00	38.73 2.26 0.00	43.30 2.83 -0.01	46.69 1.48 -0.31	48.30 0.81 -0.04	51.68 0.51 0.01	48.48 0.68 4.85	49.67 0.90 7.65	57.36 1.03 12.24	69.71 2.23 12.11	71.90 1.54 10.65	70.29 0.32 9.57	64.20 -0.52 10.16	49.47 -1.24 11.28	47.65 -1.20 5.89	46.24 -1.43 0.00
NORTHPORT___IC 23718	39.63 2.38 0.00	35.70 1.96 0.00	32.42 1.63 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.36 1.51 0.00	37.61 1.38 0.00	40.82 2.20 0.00	39.87 2.71 0.00	39.20 2.73 0.00	43.86 3.40 0.00	48.04 2.83 -0.31	49.96 2.47 -0.04	52.56 1.38 0.00	48.39 0.58 4.85	49.29 0.51 7.65	57.43 1.10 12.23	69.88 2.39 12.10	72.24 1.86 10.64	70.29 0.32 9.56	64.16 -0.52 10.20	49.60 -1.12 11.27	48.01 -0.82 5.92	48.43 0.76 0.00
NORTH___COUNTRY_ESR 323785	36.76 -0.49 0.00	33.20 -0.54 0.00	30.26 -0.52 0.00	28.07 -0.43 0.00	28.56 -0.29 0.00	32.95 0.10 0.00	36.64 0.40 0.00	39.12 0.50 0.00	37.60 0.45 0.00	36.94 0.47 0.00	40.91 0.45 0.00	45.53 0.63 0.00	47.93 0.47 0.00	51.69 0.51 0.00	53.08 0.42 0.00	56.82 0.40 0.00	68.77 0.21 0.00	79.20 -0.40 0.00	80.45 -0.56 0.00	79.14 -0.40 0.00	75.41 0.53 0.00	63.12 0.80 -0.33	56.68 0.82 -1.11	49.34 0.72 -0.96
NPX_GEN_1385_PROXY 323591	39.48 2.23 0.00	35.70 1.96 0.00	32.42 1.63 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.36 1.51 0.00	37.61 1.38 0.00	40.66 2.05 0.00	39.46 2.30 0.00	39.05 2.59 0.00	43.51 3.04 -0.01	47.23 2.02 -0.31	48.44 0.95 -0.04	51.49 0.31 0.00	48.49 0.68 4.85	50.19 1.41 7.65	57.78 1.44 12.23	70.20 2.71 12.10	72.40 2.03 10.64	70.69 0.71 9.56	64.53 -0.15 10.20	49.85 -0.87 11.27	47.79 -1.04 5.92	46.19 -1.48 0.00
NPX_GEN_CSC 323557	39.29 2.05 0.00	35.33 1.59 0.00	32.08 1.29 0.00	29.53 1.02 0.00	29.75 0.90 0.00	34.00 1.15 0.00	37.18 0.94 0.00	40.43 1.82 0.00	39.46 2.30 0.00	38.83 2.37 0.00	43.47 2.99 -0.01	47.50 2.29 -0.31	49.01 1.52 -0.04	52.46 1.28 0.00	54.29 1.63 0.00	58.51 2.09 0.00	70.69 2.13 0.00	83.41 3.82 0.00	84.17 3.16 0.00	81.11 1.59 0.02	67.20 0.45 8.13	61.66 -0.31 0.02	48.37 -0.55 5.83	46.76 -0.91 0.00
NSINS_S_GLNS_FALLS 23858	38.92 1.68 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.23 0.00	30.07 1.21 0.00	34.16 1.31 0.00	37.47 1.23 0.00	39.89 1.27 0.00	38.42 1.26 0.00	37.60 1.13 0.00	41.40 0.93 0.00	45.59 0.99 0.29	48.46 1.04 0.04	52.46 1.28 0.00	54.08 1.42 0.00	58.06 1.64 0.00	71.10 2.54 0.00	84.05 4.46 0.00	86.60 5.59 0.00	85.02 4.94 0.00	79.82 4.94 0.00	65.58 3.60 0.00	57.54 2.79 0.00	49.82 2.15 0.00
NUCOR_STEEL___DRP 24197	37.58 0.34 0.00	34.25 0.51 0.00	31.28 0.49 0.00	28.90 0.40 0.00	29.23 0.38 0.00	32.98 0.13 0.00	36.35 0.11 0.00	38.54 -0.08 0.00	36.93 -0.22 0.00	36.21 -0.26 0.00	40.22 -0.24 0.00	44.90 0.00 0.00	47.45 0.00 0.00	51.48 0.31 0.00	53.08 0.42 0.00	57.10 0.68 0.00	69.25 0.69 0.00	81.03 1.43 0.00	82.88 1.86 0.00	81.76 2.23 0.00	76.30 1.42 0.00	62.98 0.99 0.00	55.51 0.77 0.00	48.01 0.33 0.00
NUMBER_THREE_WT_PWR 323818	38.47 1.23 0.00	34.82 1.08 0.00	31.77 0.98 0.00	29.44 0.94 0.00	29.83 0.98 0.00	34.06 1.22 0.00	37.72 1.49 0.00	40.09 1.47 0.00	38.12 0.96 0.00	37.27 0.80 0.00	41.23 0.77 0.00	45.88 0.99 0.00	48.55 1.09 0.00	52.66 1.49 0.00	54.08 1.42 0.00	58.06 1.64 0.00	70.56 1.99 0.00	82.62 3.02 0.00	85.14 4.13 0.00	84.31 4.77 0.00	79.37 4.49 0.00	66.47 3.84 -0.64	59.96 3.06 -2.15	52.09 2.57 -1.85
NYISO_LBMP_REFERENCE 24008	37.25 0.00 0.00	33.74 0.00 0.00	30.79 0.00 0.00	28.50 0.00 0.00	28.85 0.00 0.00	32.85 0.00 0.00	36.24 0.00 0.00	38.62 0.00 0.00	37.16 0.00 0.00	36.47 0.00 0.00	40.47 0.00 0.00	44.90 0.00 0.00	47.45 0.00 0.00	51.18 0.00 0.00	52.66 0.00 0.00	56.43 0.00 0.00	68.57 0.00 0.00	79.59 0.00 0.00	81.01 0.00 0.00	79.53 0.00 0.00	74.88 0.00 0.00	61.99 0.00 0.00	54.75 0.00 0.00	47.67 0.00 0.00
NYPA_BRENTWD____GT 24164	39.96 2.72 0.00	35.97 2.23 0.00	32.70 1.91 0.00	30.10 1.60 0.00	30.30 1.44 0.00	34.62 1.77 0.00	37.87 1.63 0.00	41.13 2.51 0.00	40.09 2.93 0.00	39.49 3.02 0.00	44.19 3.72 -0.01	48.17 2.96 -0.31	49.68 2.18 -0.04	53.02 1.84 0.00	54.82 2.16 0.00	58.97 2.54 0.00	71.17 2.60 0.00	83.57 3.98 0.00	84.33 3.32 0.00	81.35 1.83 0.02	68.03 1.12 7.98	62.35 0.37 0.02	49.30 0.28 5.72	47.48 -0.19 0.00

NYPA_GOWANUS____GT5 24156	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.37 2.81 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NYPA_GOWANUS____GT6 24157	39.34 2.08 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.39 2.92 -0.01	47.86 2.65 -0.31	49.96 2.47 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.37 2.81 0.01	83.49 3.90 0.01	84.41 3.40 0.01	82.55 3.02 0.01	76.89 2.02 0.01	62.78 0.80 0.01	56.01 1.26 0.00	48.96 1.29 0.00
NYPA_HARLEM__RVR__GT1 24160	39.34 2.08 -0.01	35.51 1.75 -0.01	32.39 1.60 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.61 1.38 0.00	40.35 1.74 0.01	39.34 2.19 0.01	38.83 2.37 0.01	43.17 2.71 0.01	47.67 2.47 -0.31	49.86 2.37 -0.03	53.53 2.36 0.01	54.91 2.26 0.01	58.22 1.81 0.01	71.16 2.60 0.01	83.25 3.66 0.01	84.16 3.16 0.01	82.31 2.78 0.01	76.74 1.87 0.01	62.85 0.87 0.01	56.06 1.31 0.00	49.01 1.33 -0.01
NYPA_HARLEM__RVR__GT2 24161	39.34 2.08 -0.01	35.51 1.75 -0.01	32.39 1.60 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.61 1.38 0.00	40.35 1.74 0.01	39.34 2.19 0.01	38.83 2.37 0.01	43.17 2.71 0.01	47.67 2.47 -0.31	49.86 2.37 -0.03	53.53 2.36 0.01	54.91 2.26 0.01	58.22 1.81 0.01	71.16 2.60 0.01	83.25 3.66 0.01	84.16 3.16 0.01	82.31 2.78 0.01	76.74 1.87 0.01	62.85 0.87 0.01	56.06 1.31 0.00	49.01 1.33 -0.01
NYPA_KENT____GT 24152	39.30 2.05 -0.01	35.47 1.72 -0.01	32.36 1.57 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.69 1.45 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.99 2.51 -0.01	43.35 2.87 -0.01	47.86 2.65 -0.31	50.00 2.51 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.45 2.03 0.01	71.37 2.81 0.01	83.41 3.82 0.01	84.33 3.32 0.01	82.47 2.94 0.01	76.81 1.94 0.01	62.72 0.75 0.01	55.95 1.20 0.00	48.91 1.24 0.00
NYPA_POUCH1____GT 24155	39.30 2.05 -0.01	35.40 1.65 -0.01	32.30 1.51 -0.01	29.85 1.34 -0.01	30.04 1.18 -0.01	34.17 1.32 -0.01	37.61 1.38 0.00	40.43 1.82 0.00	39.39 2.23 0.00	38.88 2.41 -0.01	43.26 2.79 -0.01	47.63 2.42 -0.31	48.14 2.23 1.55	48.50 2.25 4.93	50.50 2.21 4.37	50.88 1.81 7.35	58.52 2.54 12.59	69.82 3.50 13.27	67.97 3.00 16.04	56.28 2.62 25.88	51.22 1.65 25.30	51.23 0.49 11.24	50.25 0.93 5.43	48.76 1.10 0.01
NYPA_VERNON____GT2 24162	39.26 2.01 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.95 2.48 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	50.00 2.51 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.37 2.81 0.01	83.41 3.82 0.01	84.33 3.32 0.01	82.38 2.86 0.01	76.74 1.87 0.01	62.72 0.75 0.01	55.95 1.20 0.00	48.91 1.24 0.00
NYPA_VERNON____GT3 24163	39.26 2.01 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.95 2.48 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	50.00 2.51 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.37 2.81 0.01	83.41 3.82 0.01	84.33 3.32 0.01	82.38 2.86 0.01	76.74 1.87 0.01	62.72 0.75 0.01	55.95 1.20 0.00	48.91 1.24 0.00
NYPA____ASTORIA_CC1 323568	39.23 1.97 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.47 1.85 0.00	39.42 2.27 0.00	38.92 2.44 -0.01	43.26 2.79 -0.01	47.77 2.56 -0.31	49.96 2.47 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.39 1.97 0.01	71.23 2.67 0.01	83.25 3.66 0.01	84.16 3.16 0.01	82.31 2.78 0.01	76.66 1.79 0.01	62.66 0.68 0.01	55.90 1.15 0.00	48.86 1.19 0.00
NYPA____ASTORIA_CC2 323569	39.23 1.97 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.47 1.85 0.00	39.42 2.27 0.00	38.92 2.44 -0.01	43.26 2.79 -0.01	47.77 2.56 -0.31	49.96 2.47 -0.04	53.63 2.46 0.00	55.03 2.37 0.00	58.39 1.97 0.01	71.23 2.67 0.01	83.25 3.66 0.01	84.16 3.16 0.01	82.31 2.78 0.01	76.66 1.79 0.01	62.66 0.68 0.01	55.90 1.15 0.00	48.86 1.19 0.00
NYPA____HOLTSVILL 23794	39.63 2.39 0.00	35.63 1.89 0.00	32.36 1.57 0.00	29.81 1.31 0.00	30.04 1.18 0.00	34.29 1.44 0.00	37.54 1.30 0.00	40.74 2.12 0.00	39.76 2.60 0.00	39.16 2.70 0.00	43.71 3.24 -0.01	47.68 2.47 -0.31	49.20 1.71 -0.04	52.56 1.38 0.00	54.34 1.68 0.00	58.45 2.03 0.00	70.56 1.99 0.00	83.18 3.59 0.00	83.85 2.83 0.00	80.95 1.43 0.02	67.11 0.38 8.14	61.66 -0.31 0.02	48.58 -0.33 5.84	46.96 -0.71 0.00
NYPA____HELLGATE_GT1 24158	39.34 2.08 -0.01	35.51 1.75 -0.01	32.39 1.60 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.61 1.38 0.00	40.35 1.74 0.01	39.34 2.19 0.01	38.83 2.37 0.01	43.17 2.71 0.01	47.67 2.47 -0.31	49.86 2.37 -0.03	53.53 2.36 0.01	54.91 2.26 0.01	58.22 1.81 0.01	71.16 2.60 0.01	83.25 3.66 0.01	84.16 3.16 0.01	82.31 2.78 0.01	76.74 1.87 0.01	62.85 0.87 0.01	56.06 1.31 0.00	49.01 1.33 -0.01
NYPA____HELLGATE_GT2 24159	39.34 2.08 -0.01	35.51 1.75 -0.01	32.39 1.60 -0.01	29.93 1.42 -0.01	30.13 1.27 -0.01	34.23 1.38 -0.01	37.61 1.38 0.00	40.35 1.74 0.01	39.34 2.19 0.01	38.83 2.37 0.01	43.17 2.71 0.01	47.67 2.47 -0.31	49.86 2.37 -0.03	53.53 2.36 0.01	54.91 2.26 0.01	58.22 1.81 0.01	71.16 2.60 0.01	83.25 3.66 0.01	84.16 3.16 0.01	82.31 2.78 0.01	76.74 1.87 0.01	62.85 0.87 0.01	56.06 1.31 0.00	49.01 1.33 -0.01
NYS_BARGE____HYD 23848	37.92 0.67 0.00	34.82 1.08 0.00	31.99 1.20 0.00	29.35 0.85 0.00	29.52 0.66 0.00	32.22 -0.63 0.00	34.61 -1.63 0.00	36.38 -2.24 0.00	35.22 -1.93 0.00	34.61 -1.86 0.00	38.44 -2.02 0.00	43.46 -1.44 0.00	46.50 -0.95 0.00	50.20 -0.97 0.00	52.18 -0.47 0.00	56.09 -0.34 0.00	66.85 -1.71 0.00	78.16 -1.43 0.00	81.90 0.89 0.00	79.61 0.08 0.00	73.08 -1.80 0.00	60.87 -1.11 0.00	54.75 0.00 0.00	48.63 0.95 0.00
OAK ORCHARD____HYD 24046	37.95 0.71 0.00	34.69 0.94 0.00	31.68 0.89 0.00	29.27 0.77 0.00	29.52 0.66 0.00	32.75 -0.10 0.00	35.80 -0.43 0.00	37.88 -0.73 0.00	36.49 -0.67 0.00	35.81 -0.66 0.00	39.86 -0.61 0.00	44.72 -0.18 0.00	47.60 0.14 0.00	51.54 0.36 0.00	53.39 0.74 0.00	57.44 1.02 0.00	69.32 0.76 0.00	80.95 1.35 0.00	83.77 2.76 0.00	81.84 2.31 0.00	75.93 1.05 0.00	62.85 0.87 0.00	55.68 0.93 0.00	48.72 1.05 0.00

OAKDALE___35_KV_LOAD 356122	37.66 0.41 0.00	34.25 0.51 0.00	31.28 0.49 0.00	28.90 0.40 0.00	29.20 0.35 0.00	32.81 -0.03 0.00	36.09 -0.14 0.00	38.39 -0.23 0.00	36.86 -0.30 0.00	36.25 -0.22 0.00	40.18 -0.28 0.00	44.85 -0.04 0.00	47.41 -0.05 0.00	51.38 0.20 0.00	53.08 0.42 0.00	57.05 0.62 0.00	69.05 0.48 0.00	80.71 1.11 0.00	82.31 1.30 0.00	81.20 1.67 0.00	75.63 0.75 0.00	62.48 0.50 0.00	55.24 0.49 0.00	47.86 0.19 0.00
OCC_CHEM___DRP 24175	37.80 0.56 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.66 -1.18 0.00	34.17 -2.07 0.00	35.84 -2.78 0.00	34.44 -2.71 0.00	34.17 -2.30 0.00	37.71 -2.75 0.00	42.79 -2.11 0.00	44.94 -2.52 0.00	49.34 -1.84 0.00	51.44 -1.21 0.00	55.41 -1.02 0.00	65.62 -2.95 0.00	76.65 -2.95 0.00	77.93 -3.08 0.00	78.02 -1.51 0.00	71.58 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.99 0.00	47.20 -0.48 0.00
OH_GEN_PROXY 24063	37.62 0.37 0.00	34.59 0.84 0.00	31.59 0.80 0.00	29.16 0.66 0.00	29.34 0.49 0.00	31.83 -1.02 0.00	34.35 -1.89 0.00	36.11 -2.51 0.00	35.00 -2.16 0.00	34.42 -2.04 0.00	38.20 -2.27 0.00	43.05 -1.84 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.65 -1.00 0.00	55.47 -0.96 0.00	66.16 -2.40 0.00	77.28 -2.31 0.00	80.85 -0.16 0.00	78.58 -0.95 0.00	72.19 -2.69 0.00	60.06 -1.92 0.00	54.03 -0.71 0.00	47.96 0.29 0.00
OLIN_CORP_DRP 24177	37.43 0.19 0.00	34.42 0.67 0.00	31.43 0.65 0.00	29.01 0.51 0.00	29.17 0.32 0.00	31.86 -0.99 0.00	34.14 -2.10 0.00	35.80 -2.82 0.00	34.41 -2.75 0.00	34.13 -2.33 0.00	37.67 -2.79 0.00	42.79 -2.11 0.00	44.89 -2.56 0.00	49.34 -1.84 0.00	51.44 -1.21 0.00	55.41 -1.02 0.00	65.69 -2.88 0.00	76.73 -2.87 0.00	78.10 -2.92 0.00	78.18 -1.35 0.00	71.73 -3.14 0.00	59.75 -2.23 0.00	53.82 -0.93 0.00	47.05 -0.62 0.00
OLIN_CORP_DSASP 323712	37.80 0.56 0.00	34.82 1.08 0.00	31.49 0.71 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.67 -1.18 0.00	34.17 -2.06 0.00	35.84 -2.78 0.00	34.78 -2.38 0.00	34.17 -2.30 0.00	37.92 -2.55 0.00	42.83 -2.06 0.00	45.79 -1.66 0.00	49.44 -1.74 0.00	51.39 -1.26 0.00	55.13 -1.30 0.00	65.62 -2.95 0.00	76.73 -2.86 0.00	80.28 -0.73 0.00	78.02 -1.51 0.00	71.59 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.98 0.00	47.86 0.19 0.00
ONEIDA_HERK_LFGE 323681	38.21 0.97 0.00	34.62 0.88 0.00	31.59 0.80 0.00	29.27 0.77 0.00	29.63 0.78 0.00	33.77 0.92 0.00	37.29 1.05 0.00	39.66 1.04 0.00	37.90 0.74 0.00	37.08 0.62 0.00	41.07 0.61 0.00	45.71 0.81 0.00	48.35 0.90 0.00	52.40 1.23 0.00	53.92 1.26 0.00	57.89 1.46 0.00	70.62 2.06 0.00	82.46 2.86 0.00	84.66 3.65 0.00	83.51 3.98 0.00	78.40 3.52 0.00	65.13 2.85 -0.29	57.92 2.19 -0.98	50.33 1.81 -0.84
ONEIDA___115KV_TB4 55905	38.18 0.93 0.00	34.65 0.91 0.00	31.65 0.86 0.00	29.30 0.80 0.00	29.66 0.81 0.00	33.67 0.82 0.00	37.14 0.91 0.00	39.55 0.93 0.00	37.79 0.63 0.00	37.01 0.55 0.00	41.03 0.57 0.00	45.66 0.76 0.00	48.36 0.90 0.00	52.51 1.33 0.00	54.13 1.47 0.00	58.17 1.75 0.00	70.76 2.19 0.00	82.70 3.10 0.00	84.74 3.73 0.00	83.59 4.06 0.00	78.25 3.37 0.00	64.71 2.60 -0.12	57.19 2.03 -0.42	49.61 1.57 -0.36
ONONDAGA_REF_OCCRA 23987	37.10 -0.15 0.00	33.81 0.07 0.00	30.91 0.12 0.00	28.59 0.09 0.00	28.88 0.03 0.00	32.65 -0.20 0.00	35.98 -0.25 0.00	38.15 -0.46 0.00	36.64 -0.52 0.00	35.95 -0.51 0.00	39.94 -0.53 0.00	44.54 -0.36 0.00	47.07 -0.38 0.00	51.02 -0.15 0.00	52.60 -0.05 0.00	56.54 0.11 0.00	68.63 0.07 0.00	80.15 0.56 0.00	81.82 0.81 0.00	80.57 1.03 0.00	75.25 0.37 0.00	62.11 0.12 0.00	54.75 0.00 0.00	47.43 -0.24 0.00
ONONDAGA___COGEN 23986	37.17 -0.07 0.00	33.88 0.13 0.00	30.97 0.18 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.72 -0.13 0.00	36.06 -0.18 0.00	38.23 -0.39 0.00	36.71 -0.45 0.00	36.03 -0.44 0.00	40.02 -0.45 0.00	44.63 -0.27 0.00	47.17 -0.28 0.00	51.13 -0.05 0.00	52.71 0.05 0.00	56.65 0.23 0.00	68.70 0.14 0.00	80.23 0.64 0.00	81.98 0.97 0.00	80.73 1.19 0.00	75.40 0.52 0.00	62.23 0.25 0.00	54.86 0.11 0.00	47.53 -0.14 0.00
ONTARIO___LFGE 23819	38.18 0.93 0.00	34.76 1.01 0.00	31.71 0.92 0.00	29.30 0.80 0.00	29.60 0.75 0.00	33.11 0.26 0.00	36.46 0.22 0.00	38.62 0.00 0.00	37.01 -0.15 0.00	36.28 -0.18 0.00	40.30 -0.16 0.00	45.17 0.27 0.00	47.79 0.33 0.00	51.84 0.66 0.00	53.55 0.89 0.00	57.67 1.24 0.00	69.80 1.24 0.00	81.82 2.23 0.00	84.74 3.73 0.00	83.12 3.58 0.00	77.05 2.17 0.00	63.59 1.61 0.00	56.17 1.42 0.00	48.86 1.19 0.00
ORANGEVILLE_WT_PWR 323706	38.10 0.86 0.00	34.89 1.15 0.00	31.86 1.08 0.00	29.41 0.91 0.00	29.60 0.75 0.00	32.45 -0.39 0.00	35.22 -1.01 0.00	37.03 -1.59 0.00	35.67 -1.49 0.00	35.01 -1.46 0.00	38.85 -1.62 0.00	43.82 -1.08 0.00	46.74 -0.71 0.00	50.51 -0.67 0.00	52.39 -0.26 0.00	56.37 -0.06 0.00	67.40 -1.17 0.00	78.96 -0.64 0.00	82.55 1.54 0.00	80.80 1.27 0.00	74.28 -0.60 0.00	61.80 -0.19 0.00	55.35 0.60 0.00	48.77 1.10 0.00
ORANGEVILLE___ESR 323794	38.10 0.86 0.00	34.89 1.15 0.00	31.86 1.08 0.00	29.41 0.91 0.00	29.60 0.75 0.00	32.45 -0.39 0.00	35.22 -1.01 0.00	37.03 -1.59 0.00	35.67 -1.49 0.00	35.01 -1.46 0.00	38.85 -1.62 0.00	43.82 -1.08 0.00	46.74 -0.71 0.00	50.51 -0.67 0.00	52.39 -0.26 0.00	56.37 -0.06 0.00	67.40 -1.17 0.00	78.96 -0.64 0.00	82.55 1.54 0.00	80.80 1.27 0.00	74.28 -0.60 0.00	61.80 -0.19 0.00	55.35 0.60 0.00	48.77 1.10 0.00
OSWEGATCHIE___HYD 24044	38.06 0.82 0.00	34.42 0.67 0.00	31.34 0.55 0.00	29.04 0.54 0.00	29.46 0.61 0.00	33.83 0.98 0.00	37.65 1.41 0.00	40.01 1.39 0.00	38.12 0.96 0.00	37.30 0.84 0.00	41.27 0.81 0.00	45.97 1.08 0.00	48.59 1.14 0.00	52.61 1.43 0.00	53.92 1.26 0.00	57.67 1.24 0.00	69.60 1.03 0.00	80.95 1.35 0.00	83.04 2.03 0.00	82.24 2.71 0.00	77.95 3.07 0.00	66.56 3.10 -1.47	62.41 2.68 -4.98	54.32 2.38 -4.27
OSWEGO___5 23606	36.54 -0.71 0.00	33.30 -0.44 0.00	30.42 -0.37 0.00	28.13 -0.37 0.00	28.45 -0.40 0.00	32.19 -0.66 0.00	35.44 -0.80 0.00	37.58 -1.04 0.00	36.15 -1.00 0.00	35.44 -1.02 0.00	39.37 -1.09 0.00	43.82 -1.08 0.00	46.36 -1.09 0.00	50.10 -1.08 0.00	51.60 -1.05 0.00	55.35 -1.07 0.00	67.26 -1.30 0.00	78.40 -1.19 0.00	80.20 -0.81 0.00	78.66 -0.87 0.00	73.68 -1.20 0.00	60.87 -1.11 0.00	53.71 -1.04 0.00	46.76 -0.91 0.00
OSWEGO___6 23613	36.54 -0.71 0.00	33.30 -0.44 0.00	30.42 -0.37 0.00	28.13 -0.37 0.00	28.45 -0.40 0.00	32.19 -0.66 0.00	35.44 -0.80 0.00	37.58 -1.04 0.00	36.15 -1.00 0.00	35.44 -1.02 0.00	39.37 -1.09 0.00	43.82 -1.08 0.00	46.36 -1.09 0.00	50.10 -1.08 0.00	51.60 -1.05 0.00	55.35 -1.07 0.00	67.26 -1.30 0.00	78.40 -1.19 0.00	80.20 -0.81 0.00	78.66 -0.87 0.00	73.68 -1.20 0.00	60.87 -1.11 0.00	53.71 -1.04 0.00	46.76 -0.91 0.00

OUTOKUMPU-AB___DRP 24206	38.33 1.08 0.00	35.19 1.45 0.00	32.14 1.35 0.00	29.67 1.17 0.00	29.81 0.95 0.00	32.32 -0.53 0.00	34.86 -1.38 0.00	36.65 -1.97 0.00	35.26 -1.89 0.00	34.97 -1.50 0.00	38.60 -1.86 0.00	43.95 -0.94 0.00	46.08 -1.38 0.00	50.72 -0.46 0.00	52.81 0.16 0.00	56.99 0.56 0.00	67.26 -1.30 0.00	78.64 -0.96 0.00	80.04 -0.97 0.00	80.09 0.56 0.00	73.38 -1.50 0.00	61.18 -0.81 0.00	55.24 0.49 0.00	48.24 0.57 0.00
OXBOW___BTM 323836	38.14 0.89 0.00	35.06 1.31 0.00	31.83 1.05 0.00	29.56 1.06 0.00	29.72 0.86 0.00	32.06 -0.79 0.00	34.57 -1.67 0.00	36.34 -2.28 0.00	35.26 -1.89 0.00	34.64 -1.82 0.00	38.48 -1.98 0.00	43.51 -1.39 0.00	46.55 -0.90 0.00	50.26 -0.92 0.00	52.23 -0.42 0.00	56.09 -0.34 0.00	66.65 -1.92 0.00	77.92 -1.68 0.00	81.58 0.57 0.00	79.30 -0.24 0.00	72.70 -2.17 0.00	60.56 -1.42 0.00	54.64 -0.11 0.00	48.53 0.86 0.00
OXBOW___ 24026	38.14 0.89 0.00	35.06 1.32 0.00	32.02 1.23 0.00	29.56 1.05 0.00	29.72 0.87 0.00	32.03 -0.82 0.00	34.57 -1.67 0.00	36.34 -2.28 0.00	34.93 -2.23 0.00	34.64 -1.82 0.00	38.24 -2.23 0.00	43.46 -1.44 0.00	45.60 -1.85 0.00	50.15 -1.02 0.00	52.29 -0.37 0.00	56.37 -0.06 0.00	66.65 -1.92 0.00	77.84 -1.75 0.00	79.23 -1.78 0.00	79.30 -0.24 0.00	72.71 -2.17 0.00	60.56 -1.43 0.00	54.64 -0.11 0.00	47.82 0.14 0.00
OXY_CHEM_DSASP 323612	37.80 0.56 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.66 -1.18 0.00	34.17 -2.07 0.00	35.84 -2.78 0.00	34.44 -2.71 0.00	34.17 -2.30 0.00	37.71 -2.75 0.00	42.79 -2.11 0.00	44.94 -2.52 0.00	49.34 -1.84 0.00	51.44 -1.21 0.00	55.41 -1.02 0.00	65.62 -2.95 0.00	76.65 -2.95 0.00	77.93 -3.08 0.00	78.02 -1.51 0.00	71.58 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.99 0.00	47.20 -0.48 0.00
OZONE_PARK_ESR 323760	39.41 2.16 0.00	35.53 1.79 0.00	32.42 1.63 0.00	29.98 1.48 0.00	30.18 1.33 0.00	34.29 1.45 0.00	37.83 1.59 0.00	40.82 2.20 0.00	39.76 2.60 0.00	39.13 2.66 0.00	43.58 3.12 0.00	48.26 3.05 -0.31	50.72 3.23 -0.04	54.30 3.12 0.00	55.71 3.05 0.00	59.47 3.05 0.00	72.54 3.98 0.00	84.85 5.25 0.00	85.95 4.94 0.00	83.83 4.29 0.00	78.10 3.22 0.00	63.72 1.74 0.00	56.66 1.92 0.00	49.53 1.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.80 0.56 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.66 -1.18 0.00	34.17 -2.07 0.00	35.84 -2.78 0.00	34.44 -2.71 0.00	34.17 -2.30 0.00	37.71 -2.75 0.00	42.79 -2.11 0.00	44.94 -2.52 0.00	49.34 -1.84 0.00	51.44 -1.21 0.00	55.41 -1.02 0.00	65.62 -2.95 0.00	76.65 -2.95 0.00	77.93 -3.08 0.00	78.02 -1.51 0.00	71.58 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.99 0.00	47.20 -0.48 0.00
PACKARD___115KV_DUPONT_184 80571	37.80 0.56 0.00	34.82 1.08 0.00	31.80 1.02 0.00	29.33 0.83 0.00	29.52 0.66 0.00	31.66 -1.18 0.00	34.17 -2.07 0.00	35.84 -2.78 0.00	34.44 -2.71 0.00	34.17 -2.30 0.00	37.71 -2.75 0.00	42.79 -2.11 0.00	44.94 -2.52 0.00	49.34 -1.84 0.00	51.44 -1.21 0.00	55.41 -1.02 0.00	65.62 -2.95 0.00	76.65 -2.95 0.00	77.93 -3.08 0.00	78.02 -1.51 0.00	71.58 -3.29 0.00	59.63 -2.36 0.00	53.76 -0.99 0.00	47.20 -0.48 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.33 2.09 0.00	35.50 1.75 0.00	32.42 1.63 0.00	29.95 1.45 0.00	30.15 1.30 0.00	34.23 1.38 0.00	37.61 1.38 0.00	40.32 1.70 0.00	39.31 2.16 0.00	38.75 2.30 0.02	43.16 2.71 0.02	47.64 2.42 -0.31	49.96 2.47 -0.04	53.43 2.25 0.00	54.81 2.16 0.00	58.12 1.69 0.00	71.03 2.47 0.00	83.10 3.50 0.00	84.33 3.32 0.00	82.24 2.70 0.00	76.68 1.80 0.00	62.79 0.81 0.00	56.06 1.31 0.00	49.21 1.53 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.93 2.68 0.00	36.07 2.33 0.00	32.91 2.12 0.00	30.38 1.88 0.00	30.61 1.76 0.00	34.78 1.94 0.00	38.19 1.96 0.00	40.94 2.32 0.00	39.91 2.75 0.00	39.29 2.84 0.02	43.77 3.32 0.02	48.31 3.10 -0.31	50.67 3.18 -0.04	54.25 3.07 0.00	55.66 3.00 0.00	59.08 2.65 0.00	72.20 3.63 0.00	84.53 4.93 0.00	85.79 4.78 0.00	83.75 4.22 0.00	78.02 3.14 0.00	63.91 1.92 0.00	57.05 2.30 0.00	50.02 2.34 -0.01
PATROON___115KV_TB1 80586	37.77 0.52 0.00	34.25 0.51 0.00	31.37 0.58 0.00	29.07 0.57 0.00	29.34 0.49 0.00	33.27 0.43 0.00	36.53 0.29 0.00	39.08 0.46 0.00	37.71 0.56 0.00	36.94 0.47 0.00	40.99 0.53 0.00	44.99 0.36 0.27	47.85 0.43 0.03	51.43 0.26 0.00	52.92 0.26 0.00	56.59 0.17 0.00	69.05 0.48 0.00	80.87 1.27 0.00	82.39 1.38 0.00	80.57 1.03 0.00	75.40 0.52 0.00	62.11 0.12 0.00	54.75 0.00 0.00	47.77 0.10 0.00
PATTRSNVILLE___SOLAR 323815	38.66 1.41 0.00	34.99 1.25 0.00	31.99 1.20 0.00	29.58 1.08 0.00	29.92 1.07 0.00	33.96 1.12 0.00	37.25 1.01 0.00	39.58 0.97 0.00	37.97 0.82 0.00	37.05 0.58 0.00	40.99 0.52 0.00	45.16 0.49 0.23	47.95 0.52 0.03	51.84 0.66 0.00	53.39 0.74 0.00	57.27 0.85 0.00	70.01 1.44 0.00	82.46 2.86 0.00	84.74 3.73 0.00	83.75 4.21 0.00	78.62 3.74 0.00	64.84 2.85 0.00	57.05 2.30 0.00	49.48 1.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.77 0.52 0.00	34.55 0.81 0.00	31.56 0.77 0.00	29.13 0.63 0.00	29.31 0.46 0.00	31.96 -0.89 0.00	34.68 -1.56 0.00	36.61 -2.01 0.00	35.22 -1.93 0.00	34.93 -1.53 0.00	38.56 -1.90 0.00	43.91 -0.99 0.00	46.08 -1.38 0.00	50.67 -0.51 0.00	52.81 0.16 0.00	57.05 0.62 0.00	67.54 -1.03 0.00	78.96 -0.64 0.00	80.44 -0.57 0.00	80.41 0.87 0.00	73.53 -1.35 0.00	61.37 -0.62 0.00	55.13 0.38 0.00	47.77 0.10 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.00 1.75 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.73 1.23 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.51 1.27 0.00	40.36 1.74 0.00	39.05 1.89 0.00	38.40 1.93 0.00	42.77 2.31 0.00	47.51 2.33 -0.28	50.05 2.56 -0.03	53.79 2.61 0.00	55.29 2.63 0.00	59.13 2.71 0.00	72.54 3.98 0.00	84.85 5.25 0.00	86.12 5.10 0.00	83.99 4.45 0.00	78.17 3.29 0.00	63.97 1.98 0.00	56.44 1.70 0.00	49.25 1.57 0.00
PEEKSKILL___ 23653	38.74 1.49 0.00	34.99 1.25 0.00	31.93 1.14 0.00	29.53 1.02 0.00	29.75 0.90 0.00	33.80 0.95 0.00	37.22 0.98 0.00	40.09 1.47 0.00	38.90 1.75 0.00	38.29 1.82 0.00	42.57 2.10 0.00	47.18 1.97 -0.31	49.53 2.04 -0.04	53.23 2.05 0.00	54.61 1.95 0.00	58.40 1.97 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.33 3.32 0.00	82.48 2.94 0.00	76.82 1.94 0.00	62.85 0.87 0.00	55.68 0.93 0.00	48.43 0.76 0.00
PGE MADISON___WINDPWR 24146	40.00 2.76 0.00	36.28 2.53 0.00	33.12 2.34 0.00	30.70 2.19 0.00	31.08 2.22 0.00	35.15 2.30 0.00	38.85 2.61 0.00	41.32 2.70 0.00	39.05 1.89 0.00	38.03 1.57 0.00	41.96 1.50 0.00	46.96 2.07 0.00	49.87 2.42 0.00	54.46 3.28 0.00	56.29 3.63 0.00	60.77 4.35 0.00	74.12 5.55 0.00	87.40 7.80 0.00	90.81 9.80 0.00	89.72 10.18 0.00	83.41 8.53 0.00	68.62 6.64 0.00	60.06 5.31 0.00	52.15 4.48 0.00

PIERCEFIELD___HYD 23852	37.69 0.45 0.00	34.01 0.27 0.00	30.94 0.15 0.00	28.70 0.20 0.00	29.14 0.29 0.00	33.60 0.76 0.00	37.58 1.34 0.00	39.97 1.35 0.00	38.20 1.04 0.00	37.45 0.98 0.00	41.40 0.93 0.00	46.06 1.17 0.00	48.73 1.28 0.00	52.61 1.43 0.00	53.87 1.21 0.00	57.33 0.90 0.00	68.70 0.14 0.00	79.36 -0.24 0.00	80.93 -0.08 0.00	79.85 0.32 0.00	76.23 1.35 0.00	66.23 2.05 -2.20	64.39 2.19 -7.45	56.21 2.15 -6.39
PINELAWN_CC_1 323563	39.70 2.46 0.00	35.77 2.02 0.00	32.48 1.69 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.42 1.58 0.00	37.69 1.45 0.00	40.86 2.24 0.00	39.83 2.68 0.00	39.24 2.77 0.00	43.87 3.40 -0.01	47.45 2.24 -0.31	49.01 1.52 -0.04	52.40 1.23 0.00	54.13 1.47 0.00	58.23 1.81 0.00	70.62 2.06 0.00	83.09 3.50 0.00	84.01 3.00 0.00	80.79 1.27 0.01	68.05 0.38 7.21	61.47 -0.50 0.01	49.36 -0.22 5.17	47.48 -0.19 0.00
PJM_GEN_HTTP_PROXY 323702	39.00 1.75 0.00	35.19 1.45 0.00	32.11 1.32 0.00	29.70 1.20 0.00	29.92 1.07 0.00	33.96 1.12 0.00	37.47 1.23 0.00	40.43 1.82 0.00	39.31 2.15 0.00	38.73 2.26 0.00	43.09 2.63 0.00	47.68 2.47 -0.31	50.00 2.51 -0.04	53.68 2.51 0.00	55.08 2.42 0.00	58.79 2.37 0.00	71.72 3.16 0.00	83.81 4.22 0.00	84.74 3.73 0.00	82.80 3.26 0.00	77.12 2.24 0.00	62.97 0.99 0.00	55.95 1.20 0.00	48.72 1.05 0.00
PJM_GEN_KEystone 24065	37.95 0.71 0.00	34.45 0.71 0.00	31.46 0.68 0.00	29.10 0.60 0.00	29.31 0.46 0.00	32.72 -0.13 0.00	35.84 -0.40 0.00	38.27 -0.35 0.00	37.08 -0.07 0.00	36.47 0.00 0.00	40.47 0.00 0.00	45.20 0.14 -0.17	47.65 0.29 0.09	51.09 0.26 0.34	52.77 0.42 0.31	56.36 0.45 0.52	67.89 0.21 0.88	79.46 0.80 0.93	81.26 1.38 1.12	78.68 0.96 1.81	72.66 -0.45 1.77	60.64 -0.56 0.79	54.37 0.00 0.38	47.86 0.19 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.26 2.01 0.00	35.36 1.62 0.00	32.14 1.35 0.00	29.61 1.11 0.00	29.83 0.98 0.00	34.06 1.22 0.00	37.32 1.09 0.00	40.47 1.85 0.00	39.39 2.23 0.00	38.80 2.34 0.00	43.39 2.92 -0.01	47.41 2.20 -0.31	49.15 1.66 -0.04	52.56 1.38 0.00	54.23 1.58 0.00	58.23 1.81 0.00	70.69 2.13 0.00	83.09 3.50 0.00	83.85 2.83 0.00	81.27 1.75 0.02	66.95 0.83 8.76	61.85 -0.12 0.02	48.36 -0.11 6.28	47.24 -0.43 0.00
PJM_GEN_VFT_PROXY 323633	38.85 1.60 0.00	35.06 1.31 0.00	31.99 1.20 0.00	29.58 1.08 0.00	29.78 0.92 0.00	33.83 0.98 0.00	37.32 1.09 0.00	40.28 1.66 0.00	39.20 2.04 0.00	38.65 2.19 0.00	42.98 2.51 0.00	47.45 2.24 -0.31	48.14 2.23 1.54	48.41 2.15 4.92	50.35 2.05 4.36	51.04 1.97 7.36	58.64 2.67 12.60	69.98 3.66 13.28	68.04 3.08 16.05	56.27 2.62 25.88	51.21 1.65 25.31	51.29 0.56 11.25	50.19 0.87 5.43	48.41 0.76 0.02
PLATSBRG_115KV_PMLD1 355749	36.95 -0.30 0.00	33.41 -0.34 0.00	30.45 -0.34 0.00	28.24 -0.26 0.00	28.74 -0.12 0.00	33.14 0.30 0.00	36.85 0.62 0.00	39.39 0.77 0.00	37.82 0.67 0.00	37.16 0.69 0.00	41.15 0.69 0.00	45.48 0.58 0.00	48.12 0.66 0.00	51.84 0.67 0.00	53.29 0.63 0.00	57.05 0.62 0.00	68.98 0.41 0.00	79.59 0.00 0.00	80.93 -0.08 0.00	79.53 0.00 0.00	75.78 0.90 0.00	63.20 1.05 -0.16	56.26 0.99 -0.53	48.98 0.86 -0.45
PLEASANTVLY___LBMP 24000	38.51 1.27 0.00	34.79 1.05 0.00	31.77 0.99 0.00	29.44 0.94 0.00	29.66 0.81 0.00	33.67 0.82 0.00	37.03 0.80 0.00	39.85 1.24 0.00	38.64 1.49 0.00	37.96 1.50 0.00	42.21 1.74 0.00	46.91 1.66 -0.35	49.25 1.76 -0.04	52.76 1.59 0.00	54.13 1.47 0.00	57.84 1.41 0.00	70.62 2.06 0.00	82.62 3.02 0.00	83.93 2.92 0.00	81.92 2.39 0.00	76.38 1.50 0.00	62.61 0.62 0.00	55.40 0.66 0.00	48.43 0.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.85 1.60 0.00	35.09 1.35 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.86 1.01 0.00	33.90 1.05 0.00	37.32 1.09 0.00	40.24 1.62 0.00	39.13 1.97 0.00	38.43 1.97 0.00	42.77 2.31 0.00	47.46 2.24 -0.32	49.91 2.42 -0.04	53.43 2.25 0.00	54.81 2.16 0.00	58.57 2.14 0.00	71.51 2.95 0.00	83.65 4.06 0.00	84.90 3.89 0.00	82.72 3.18 0.00	77.05 2.17 0.00	63.04 1.05 0.00	55.84 1.09 0.00	48.86 1.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.85 1.60 0.00	35.09 1.35 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.86 1.01 0.00	33.90 1.05 0.00	37.32 1.09 0.00	40.24 1.62 0.00	39.13 1.97 0.00	38.43 1.97 0.00	42.77 2.31 0.00	47.46 2.24 -0.32	49.91 2.42 -0.04	53.43 2.25 0.00	54.81 2.16 0.00	58.57 2.14 0.00	71.51 2.95 0.00	83.65 4.06 0.00	84.90 3.89 0.00	82.72 3.18 0.00	77.05 2.17 0.00	63.04 1.05 0.00	55.84 1.09 0.00	48.86 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.74 1.49 0.00	35.03 1.28 0.00	31.96 1.17 0.00	29.58 1.08 0.00	29.83 0.98 0.00	33.86 1.02 0.00	37.29 1.05 0.00	40.09 1.47 0.00	38.75 1.60 0.00	38.11 1.64 0.00	42.41 1.94 0.00	46.83 1.93 0.00	49.54 2.09 0.00	53.28 2.10 0.00	54.71 2.05 0.00	58.57 2.14 0.00	71.72 3.15 0.00	83.97 4.38 0.00	85.31 4.29 0.00	83.27 3.74 0.00	77.57 2.70 0.00	63.54 1.55 0.00	56.12 1.37 0.00	48.91 1.24 0.00
POLETTI_____ 23519	39.00 1.75 0.00	35.19 1.45 0.00	32.11 1.32 0.00	29.70 1.20 0.00	29.89 1.04 0.00	33.96 1.12 0.00	37.43 1.20 0.00	40.39 1.78 0.00	39.30 2.16 0.02	38.71 2.26 0.02	43.08 2.63 0.02	47.71 2.51 -0.30	50.13 2.66 -0.02	53.62 2.46 0.02	54.96 2.32 0.02	58.61 2.20 0.02	71.57 3.02 0.02	83.64 4.06 0.02	84.72 3.73 0.02	82.62 3.10 0.02	76.96 2.10 0.02	62.85 0.87 0.00	55.90 1.15 0.00	48.96 1.29 0.00
POMONA___ESR 323819	38.77 1.53 0.00	34.99 1.25 0.00	31.93 1.14 0.00	29.53 1.02 0.00	29.78 0.92 0.00	33.80 0.95 0.00	37.25 1.01 0.00	40.09 1.47 0.00	38.87 1.71 0.00	38.29 1.82 0.00	42.57 2.10 0.00	47.21 2.02 -0.29	49.57 2.09 -0.04	53.28 2.10 0.00	54.66 2.00 0.00	58.45 2.03 0.00	71.31 2.75 0.00	83.42 3.82 0.00	84.41 3.40 0.00	82.56 3.02 0.00	76.82 1.94 0.00	62.92 0.93 0.00	55.68 0.93 0.00	48.43 0.76 0.00
PORT_JEFF_3 23555	39.70 2.46 0.00	35.73 1.99 0.00	32.45 1.66 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.36 1.51 0.00	37.58 1.34 0.00	40.86 2.24 0.00	39.83 2.68 0.00	39.24 2.77 0.00	43.87 3.40 -0.01	47.86 2.65 -0.31	49.39 1.90 -0.04	52.82 1.64 0.00	54.61 1.95 0.00	58.62 2.20 0.00	70.42 1.85 0.00	82.94 3.34 0.00	83.68 2.67 0.00	80.71 1.19 0.02	66.90 0.15 8.13	61.54 -0.43 0.02	48.70 -0.22 5.83	47.10 -0.57 0.00
PORT_JEFF_4 23616	39.70 2.46 0.00	35.73 1.99 0.00	32.45 1.66 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.36 1.51 0.00	37.58 1.34 0.00	40.86 2.24 0.00	39.83 2.68 0.00	39.24 2.77 0.00	43.87 3.40 -0.01	47.86 2.65 -0.31	49.39 1.90 -0.04	52.82 1.64 0.00	54.61 1.95 0.00	58.62 2.20 0.00	70.42 1.85 0.00	82.94 3.34 0.00	83.68 2.67 0.00	80.71 1.19 0.02	66.90 0.15 8.13	61.54 -0.43 0.02	48.70 -0.22 5.83	47.10 -0.57 0.00

PORT_JEFF_IC 23713	39.74 2.50 0.00	35.73 1.99 0.00	32.45 1.66 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.39 1.54 0.00	37.61 1.38 0.00	40.86 2.24 0.00	39.98 2.82 0.00	39.27 2.81 0.00	43.95 3.48 0.00	48.35 3.14 -0.31	50.58 3.08 -0.04	53.53 2.35 0.00	54.34 1.68 0.00	57.89 1.47 0.00	70.42 1.85 0.00	83.10 3.50 0.00	83.93 2.92 0.00	80.71 1.19 0.02	66.93 0.15 8.10	61.78 -0.19 0.02	48.83 -0.11 5.81	48.82 1.14 0.00
PPL PILGRIM_ST_GT1 24216	39.96 2.72 0.00	35.97 2.23 0.00	32.70 1.91 0.00	30.10 1.60 0.00	30.30 1.44 0.00	34.62 1.77 0.00	37.87 1.63 0.00	41.13 2.51 0.00	40.09 2.93 0.00	39.49 3.02 0.00	44.19 3.72 -0.01	48.17 2.96 -0.31	49.68 2.18 -0.04	53.02 1.84 0.00	54.82 2.16 0.00	58.97 2.54 0.00	71.17 2.60 0.00	83.57 3.98 0.00	84.33 3.32 0.00	81.35 1.83 0.02	68.03 1.12 7.98	62.35 0.37 0.02	49.30 0.28 5.72	47.48 -0.19 0.00
PPL PILGRIM_ST_GT2 24217	39.96 2.72 0.00	35.97 2.23 0.00	32.70 1.91 0.00	30.10 1.60 0.00	30.30 1.44 0.00	34.62 1.77 0.00	37.87 1.63 0.00	41.13 2.51 0.00	40.09 2.93 0.00	39.49 3.02 0.00	44.19 3.72 -0.01	48.17 2.96 -0.31	49.68 2.18 -0.04	53.02 1.84 0.00	54.82 2.16 0.00	58.97 2.54 0.00	71.17 2.60 0.00	83.57 3.98 0.00	84.33 3.32 0.00	81.35 1.83 0.02	68.03 1.12 7.98	62.35 0.37 0.02	49.30 0.28 5.72	47.48 -0.19 0.00
PPL_SHRM_GT3 24213	39.33 2.08 0.00	35.36 1.62 0.00	32.08 1.29 0.00	29.56 1.06 0.00	29.75 0.90 0.00	34.03 1.18 0.00	37.18 0.94 0.00	40.43 1.82 0.00	39.46 2.30 0.00	38.87 2.41 0.00	43.47 2.99 -0.01	47.50 2.29 -0.31	49.01 1.52 -0.04	52.51 1.33 0.00	54.29 1.63 0.00	58.51 2.09 0.00	70.76 2.19 0.00	83.49 3.90 0.00	84.26 3.24 0.00	81.19 1.67 0.02	67.29 0.53 8.12	61.66 -0.31 0.02	48.43 -0.49 5.82	46.76 -0.91 0.00
PPL_SHRM_GT4 24214	39.33 2.08 0.00	35.36 1.62 0.00	32.08 1.29 0.00	29.56 1.06 0.00	29.75 0.90 0.00	34.03 1.18 0.00	37.18 0.94 0.00	40.43 1.82 0.00	39.46 2.30 0.00	38.87 2.41 0.00	43.47 2.99 -0.01	47.50 2.29 -0.31	49.01 1.52 -0.04	52.51 1.33 0.00	54.29 1.63 0.00	58.51 2.09 0.00	70.76 2.19 0.00	83.49 3.90 0.00	84.26 3.24 0.00	81.19 1.67 0.02	67.29 0.53 8.12	61.66 -0.31 0.02	48.43 -0.49 5.82	46.76 -0.91 0.00
PROJECT___ORANGE 1 24174	36.95 -0.30 0.00	33.71 -0.03 0.00	30.85 0.06 0.00	28.53 0.03 0.00	28.82 -0.03 0.00	32.58 -0.26 0.00	35.84 -0.40 0.00	38.00 -0.62 0.00	36.49 -0.67 0.00	35.85 -0.62 0.00	39.82 -0.65 0.00	44.40 -0.49 0.00	46.93 -0.52 0.00	50.87 -0.31 0.00	52.45 -0.21 0.00	56.31 -0.11 0.00	68.36 -0.21 0.00	79.75 0.16 0.00	81.42 0.41 0.00	80.17 0.64 0.00	74.88 0.00 0.00	61.80 -0.19 0.00	54.47 -0.27 0.00	47.20 -0.48 0.00
PROJECT___ORANGE 2 24166	36.95 -0.30 0.00	33.71 -0.03 0.00	30.85 0.06 0.00	28.53 0.03 0.00	28.82 -0.03 0.00	32.58 -0.26 0.00	35.84 -0.40 0.00	38.00 -0.62 0.00	36.49 -0.67 0.00	35.85 -0.62 0.00	39.82 -0.65 0.00	44.40 -0.49 0.00	46.93 -0.52 0.00	50.87 -0.31 0.00	52.45 -0.21 0.00	56.31 -0.11 0.00	68.36 -0.21 0.00	79.75 0.16 0.00	81.42 0.41 0.00	80.17 0.64 0.00	74.88 0.00 0.00	61.80 -0.19 0.00	54.47 -0.27 0.00	47.20 -0.48 0.00
PUCKETT___SOLAR 323809	38.21 0.97 0.00	34.72 0.98 0.00	31.68 0.89 0.00	29.33 0.83 0.00	29.63 0.78 0.00	33.37 0.52 0.00	36.74 0.51 0.00	39.04 0.43 0.00	37.34 0.19 0.00	36.54 0.07 0.00	40.42 -0.04 0.00	45.08 0.14 -0.05	47.79 0.33 -0.01	51.79 0.62 0.00	53.45 0.79 0.00	57.49 1.07 0.00	69.86 1.30 0.00	81.98 2.39 0.00	84.57 3.56 0.00	83.12 3.58 0.00	77.35 2.47 0.00	63.84 1.86 0.00	56.34 1.59 0.00	49.01 1.33 0.00
PYRITES___HYD 24023	38.21 0.97 0.00	34.45 0.71 0.00	31.34 0.55 0.00	29.07 0.57 0.00	29.52 0.66 0.00	34.09 1.25 0.00	38.12 1.88 0.00	40.47 1.85 0.00	38.53 1.37 0.00	37.70 1.24 0.00	41.64 1.17 0.00	46.33 1.44 0.00	49.07 1.61 0.00	52.97 1.79 0.00	54.29 1.63 0.00	57.89 1.47 0.00	69.53 0.96 0.00	80.47 0.88 0.00	82.39 1.38 0.00	81.60 2.07 0.00	78.10 3.22 0.00	67.85 3.53 -2.33	65.92 3.28 -7.89	57.45 3.00 -6.77
QUAKERRD_115KV_BK1 80622	37.02 -0.22 0.00	33.81 0.07 0.00	30.85 0.06 0.00	28.53 0.03 0.00	28.77 -0.09 0.00	32.06 -0.79 0.00	35.15 -1.09 0.00	37.23 -1.39 0.00	35.71 -1.45 0.00	35.15 -1.31 0.00	39.05 -1.42 0.00	43.82 -1.08 0.00	46.31 -1.14 0.00	50.46 -0.72 0.00	52.23 -0.42 0.00	56.26 -0.17 0.00	67.88 -0.69 0.00	79.28 -0.32 0.00	80.93 -0.08 0.00	80.01 0.48 0.00	74.43 -0.45 0.00	61.49 -0.50 0.00	54.42 -0.33 0.00	47.20 -0.48 0.00
QUENSBRY_115KV_TB8 356137	38.92 1.68 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.70 1.20 0.00	30.07 1.21 0.00	34.16 1.31 0.00	37.51 1.27 0.00	39.93 1.31 0.00	38.42 1.26 0.00	37.63 1.17 0.00	41.40 0.93 0.00	45.64 1.03 0.29	48.51 1.09 0.04	52.51 1.33 0.00	54.13 1.47 0.00	58.12 1.69 0.00	71.17 2.61 0.00	84.21 4.62 0.00	86.76 5.75 0.00	85.26 5.73 0.00	80.05 5.17 0.00	65.71 3.72 0.00	57.65 2.90 0.00	49.87 2.19 0.00
RAMAPO___LBMP 323565	38.59 1.34 0.00	34.86 1.11 0.00	31.80 1.02 0.00	29.44 0.94 0.00	29.66 0.81 0.00	33.67 0.82 0.00	37.11 0.87 0.00	39.93 1.31 0.00	38.75 1.60 0.00	38.11 1.64 0.00	42.41 1.94 0.00	47.07 1.89 -0.29	49.48 1.99 -0.04	53.02 1.84 0.00	54.34 1.68 0.00	58.06 1.64 0.00	70.90 2.33 0.00	82.94 3.34 0.00	84.09 3.08 0.00	82.08 2.55 0.00	76.45 1.57 0.00	62.61 0.62 0.00	55.46 0.71 0.00	48.48 0.81 0.00
RANKINE____ 23646	38.18 0.93 0.00	35.03 1.28 0.00	31.99 1.20 0.00	29.50 1.00 0.00	29.69 0.84 0.00	32.32 -0.53 0.00	34.97 -1.27 0.00	36.84 -1.78 0.00	35.41 -1.75 0.00	35.12 -1.35 0.00	38.77 -1.70 0.00	44.09 -0.81 0.00	46.27 -1.19 0.00	50.87 -0.31 0.00	53.02 0.37 0.00	57.22 0.79 0.00	67.81 -0.75 0.00	79.28 -0.32 0.00	80.69 -0.32 0.00	80.73 1.19 0.00	73.98 -0.90 0.00	61.68 -0.31 0.00	55.46 0.71 0.00	48.20 0.52 0.00
RAVENSWOOD_GT2_1 24244	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.43 1.82 0.00	39.35 2.19 0.00	38.76 2.30 0.00	43.14 2.67 0.00	47.77 2.56 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.74 2.31 0.00	71.72 3.15 0.00	83.81 4.22 0.00	84.90 3.89 0.00	82.79 3.26 0.00	77.12 2.25 0.00	63.04 1.05 0.00	56.01 1.26 0.00	49.01 1.33 0.00
RAVENSWOOD_GT2_2 24245	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.43 1.82 0.00	39.35 2.19 0.00	38.76 2.30 0.00	43.14 2.67 0.00	47.77 2.56 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.74 2.31 0.00	71.72 3.15 0.00	83.81 4.22 0.00	84.90 3.89 0.00	82.79 3.26 0.00	77.12 2.25 0.00	63.04 1.05 0.00	56.01 1.26 0.00	49.01 1.33 0.00



RAVENSWOOD_GT2_3 24246	39.07 1.83 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.47 1.85 0.00	39.39 2.23 0.00	38.80 2.33 0.00	43.18 2.71 0.00	47.81 2.60 -0.31	50.24 2.75 -0.04	53.74 2.56 0.00	55.08 2.42 0.00	58.80 2.37 0.00	71.72 3.15 0.00	83.89 4.30 0.00	84.98 3.97 0.00	82.87 3.34 0.00	77.20 2.32 0.00	63.04 1.05 0.00	56.01 1.26 0.00	49.05 1.38 0.00
RAVENSWOOD_GT2_4 24247	39.07 1.83 0.00	35.26 1.52 0.00	32.17 1.39 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.47 1.85 0.00	39.39 2.23 0.00	38.80 2.33 0.00	43.18 2.71 0.00	47.81 2.60 -0.31	50.24 2.75 -0.04	53.74 2.56 0.00	55.08 2.42 0.00	58.80 2.37 0.00	71.72 3.15 0.00	83.89 4.30 0.00	84.98 3.97 0.00	82.87 3.34 0.00	77.20 2.32 0.00	63.04 1.05 0.00	56.01 1.26 0.00	49.05 1.38 0.00
RAVENSWOOD_GT3_1 24248	39.03 1.79 0.00	35.23 1.48 0.00	32.17 1.39 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.47 1.85 0.00	39.39 2.23 0.00	38.76 2.30 0.00	43.14 2.67 0.00	47.77 2.56 -0.31	50.20 2.70 -0.04	53.74 2.56 0.00	55.08 2.42 0.00	58.74 2.31 0.00	71.72 3.15 0.00	83.81 4.22 0.00	84.98 3.97 0.00	82.79 3.26 0.00	77.12 2.25 0.00	63.04 1.05 0.00	56.01 1.26 0.00	49.05 1.38 0.00
RAVENSWOOD_GT3_2 24249	39.03 1.79 0.00	35.23 1.48 0.00	32.17 1.39 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.47 1.85 0.00	39.39 2.23 0.00	38.76 2.30 0.00	43.14 2.67 0.00	47.77 2.56 -0.31	50.20 2.70 -0.04	53.74 2.56 0.00	55.08 2.42 0.00	58.74 2.31 0.00	71.72 3.15 0.00	83.81 4.22 0.00	84.98 3.97 0.00	82.79 3.26 0.00	77.12 2.25 0.00	63.04 1.05 0.00	56.01 1.26 0.00	49.05 1.38 0.00
RAVENSWOOD_GT3_3 24250	39.11 1.86 0.00	35.30 1.55 0.00	32.20 1.42 0.00	29.78 1.28 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.54 1.30 0.00	40.51 1.89 0.00	39.42 2.27 0.00	38.84 2.37 0.00	43.22 2.75 0.00	47.86 2.65 -0.31	50.29 2.80 -0.04	53.84 2.66 0.00	55.18 2.53 0.00	58.85 2.43 0.00	71.86 3.29 0.00	83.97 4.38 0.00	85.14 4.13 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.16 1.18 0.00	56.12 1.37 0.00	49.10 1.43 0.00
RAVENSWOOD_GT3_4 24251	39.11 1.86 0.00	35.30 1.55 0.00	32.20 1.42 0.00	29.78 1.28 0.00	29.98 1.13 0.00	34.06 1.22 0.00	37.54 1.30 0.00	40.51 1.89 0.00	39.42 2.27 0.00	38.84 2.37 0.00	43.22 2.75 0.00	47.86 2.65 -0.31	50.29 2.80 -0.04	53.84 2.66 0.00	55.18 2.53 0.00	58.85 2.43 0.00	71.86 3.29 0.00	83.97 4.38 0.00	85.14 4.13 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.16 1.18 0.00	56.12 1.37 0.00	49.10 1.43 0.00
RAVENSWOOD_GT_1 23729	39.26 2.01 0.00	35.43 1.69 0.00	32.33 1.54 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.94 2.48 0.00	43.38 2.91 0.00	47.86 2.65 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.46 2.03 0.00	71.38 2.81 0.00	83.42 3.82 0.00	84.50 3.48 0.00	82.40 2.86 0.00	76.75 1.87 0.00	62.73 0.74 0.00	55.95 1.20 0.00	49.10 1.43 0.00
RAVENSWOOD_GT_10 24258	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.51 1.27 0.00	40.43 1.82 0.00	39.39 2.23 0.00															

RAVENSWOOD___1 23533	39.26 2.01 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.95 2.48 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	50.00 2.51 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.37 2.81 0.01	83.41 3.82 0.01	84.33 3.32 0.01	82.38 2.86 0.01	76.74 1.87 0.01	62.72 0.75 0.01	55.95 1.20 0.00	48.91 1.24 0.00
RAVENSWOOD___2 23534	39.26 2.01 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.95 2.48 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	50.00 2.51 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.37 2.81 0.01	83.41 3.82 0.01	84.33 3.32 0.01	82.38 2.86 0.01	76.74 1.87 0.01	62.72 0.75 0.01	55.95 1.20 0.00	48.91 1.24 0.00
RAVENSWOOD___3 23535	39.03 1.79 0.00	35.23 1.48 0.00	32.17 1.39 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.50 1.27 0.00	40.47 1.85 0.00	39.35 2.19 0.00	38.76 2.30 0.00	43.09 2.63 0.00	47.72 2.51 -0.31	50.00 2.51 -0.04	53.68 2.51 0.00	55.08 2.42 0.00	58.79 2.37 0.00	71.72 3.16 0.00	83.81 4.22 0.00	84.74 3.73 0.00	82.80 3.26 0.00	77.12 2.24 0.00	63.04 1.05 0.00	56.01 1.26 0.00	48.77 1.10 0.00
RAVENSWOOD___4 23820	39.26 2.01 -0.01	35.44 1.69 -0.01	32.33 1.54 -0.01	29.90 1.40 -0.01	30.13 1.27 -0.01	34.20 1.35 -0.01	37.65 1.41 0.00	40.51 1.89 0.00	39.46 2.30 0.00	38.95 2.48 -0.01	43.35 2.87 -0.01	47.81 2.60 -0.31	50.00 2.51 -0.04	53.74 2.56 0.00	55.13 2.48 0.00	58.51 2.09 0.01	71.37 2.81 0.01	83.41 3.82 0.01	84.33 3.32 0.01	82.38 2.86 0.01	76.74 1.87 0.01	62.72 0.75 0.01	55.95 1.20 0.00	48.91 1.24 0.00
RCPL_TRUST___DRP 24196	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.54 1.30 0.00	40.51 1.89 0.00	39.42 2.27 0.00	38.84 2.37 0.00	43.22 2.75 0.00	47.86 2.65 -0.31	50.29 2.80 -0.04	53.84 2.66 0.00	55.18 2.53 0.00	58.91 2.48 0.00	71.86 3.29 0.00	84.05 4.46 0.00	85.06 4.05 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.10 1.12 0.00	56.06 1.31 0.00	49.05 1.38 0.00
RED___ROCHESTER 323720	38.29 1.04 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.72 0.86 0.00	32.98 0.13 0.00	36.06 -0.18 0.00	38.19 -0.42 0.00	36.75 -0.41 0.00	36.10 -0.36 0.00	40.18 -0.28 0.00	45.17 0.27 0.00	48.07 0.62 0.00	52.10 0.92 0.00	53.97 1.32 0.00	58.12 1.69 0.00	70.14 1.58 0.00	81.82 2.23 0.00	84.74 3.73 0.00	82.72 3.18 0.00	76.82 1.94 0.00	63.54 1.55 0.00	56.23 1.48 0.00	49.20 1.53 0.00
REGAN___SOLAR 323812	40.15 2.91 0.00	36.31 2.56 0.00	33.12 2.34 0.00	30.61 2.11 0.00	31.02 2.17 0.00	35.24 2.40 0.00	38.56 2.32 0.00	40.63 2.01 0.00	38.75 1.60 0.00	37.38 0.91 0.00	41.11 0.65 0.00	45.21 0.54 0.23	48.00 0.57 0.03	52.05 0.87 0.00	53.76 1.11 0.00	58.00 1.58 0.00	71.51 2.95 0.00	85.64 6.05 0.00	89.28 8.27 0.00	88.99 9.46 0.00	83.63 8.76 0.00	68.80 6.82 0.00	60.33 5.59 0.00	52.15 4.48 0.00
RENSSELAER___COGEN 23796	37.58 0.33 0.00	34.05 0.30 0.00	31.22 0.43 0.00	28.93 0.43 0.00	29.20 0.35 0.00	33.11 0.26 0.00	36.35 0.11 0.00	38.89 0.27 0.00	37.45 0.30 0.00	36.72 0.26 0.00	40.71 0.24 0.00	44.73 0.09 0.26	47.37 -0.05 0.03	50.92 -0.25 0.00	52.34 -0.31 0.00	56.03 -0.39 0.00	68.29 -0.27 0.00	79.91 0.32 0.00	81.09 0.08 0.00	79.61 0.08 0.00	74.58 -0.30 0.00	61.43 -0.56 0.00	54.15 -0.60 0.00	47.24 -0.43 0.00
REPUBLIC_115KV_BARTNBK 55605	40.71 3.46 0.00	36.78 3.04 0.00	33.46 2.68 0.00	30.87 2.37 0.00	31.31 2.45 0.00	35.61 2.76 0.00	38.99 2.75 0.00	41.44 2.82 0.00	39.76 2.60 0.00	38.94 2.48 0.00	42.85 2.39 0.00	47.39 2.78 0.29	50.27 2.85 0.04	54.66 3.48 0.00	56.45 3.79 0.00	60.71 4.29 0.00	74.46 5.90 0.00	88.83 9.23 0.00	91.79 10.77 0.00	90.51 10.98 0.00	85.06 10.18 0.00	69.73 7.75 0.00	60.93 6.19 0.00	52.44 4.77 0.00
REVERE_CPPR_DRP 24186	38.51 1.27 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.56 1.05 0.00	29.92 1.07 0.00	34.03 1.18 0.00	37.58 1.34 0.00	40.05 1.43 0.00	38.16 1.00 0.00	37.38 0.91 0.00	41.36 0.89 0.00	46.11 1.21 0.00	48.88 1.42 0.00	53.07 1.89 0.00	54.81 2.16 0.00	58.91 2.48 0.00	71.58 3.02 0.00	83.73 4.14 0.00	85.87 4.86 0.00	84.86 5.33 0.00	79.52 4.64 0.00	65.83 3.66 -0.19	58.23 2.85 -0.63	50.45 2.24 -0.54
REYNLDPA_13_KV_LD 356490	37.32 0.07 0.00	33.68 -0.07 0.00	30.63 -0.15 0.00	28.39 -0.11 0.00	28.82 -0.03 0.00	33.14 0.30 0.00	36.82 0.58 0.00	39.24 0.62 0.00	37.68 0.52 0.00	36.94 0.47 0.00	40.91 0.45 0.00	45.48 0.58 0.00	48.07 0.62 0.00	51.84 0.67 0.00	53.24 0.58 0.00	56.99 0.56 0.00	68.84 0.27 0.00	79.28 -0.32 0.00	80.44 -0.57 0.00	79.06 -0.48 0.00	75.40 0.52 0.00	62.62 0.93 0.30	54.73 0.99 1.00	47.76 0.95 0.86
REYNOLDS_115KV_TB3 80639	37.84 0.60 0.00	34.28 0.54 0.00	31.43 0.65 0.00	29.13 0.63 0.00	29.37 0.52 0.00	33.31 0.46 0.00	36.56 0.33 0.00	39.12 0.50 0.00	37.75 0.59 0.00	36.98 0.51 0.00	41.03 0.57 0.00	44.95 0.36 0.31	47.84 0.43 0.04	51.43 0.26 0.00	52.87 0.21 0.00	56.54 0.11 0.00	69.05 0.48 0.00	80.87 1.27 0.00	82.39 1.38 0.00	80.49 0.95 0.00	75.33 0.45 0.00	62.05 0.06 0.00	54.69 -0.05 0.00	47.72 0.05 0.00
RIVERBAY____ 323610	39.93 2.68 0.00	36.07 2.33 0.00	32.91 2.12 0.00	30.38 1.88 0.00	30.61 1.76 0.00	34.78 1.94 0.00	38.19 1.96 0.00	40.94 2.32 0.00	39.91 2.75 0.00	39.29 2.84 0.02	43.77 3.32 0.02	48.31 3.10 -0.31	50.67 3.18 -0.04	54.25 3.07 0.00	55.66 3.00 0.00	59.08 2.65 0.00	72.20 3.63 0.00	84.53 4.93 0.00	85.79 4.78 0.00	83.75 4.22 0.00	78.02 3.14 0.00	63.91 1.92 0.00	57.05 2.30 0.00	50.02 2.34 -0.01
RIVERSDE_115KV_TB3 55908	37.73 0.48 0.00	34.22 0.47 0.00	31.34 0.55 0.00	29.04 0.54 0.00	29.31 0.46 0.00	33.24 0.39 0.00	36.49 0.25 0.00	39.04 0.42 0.00	37.68 0.52 0.00	36.90 0.44 0.00	40.95 0.49 0.00	44.88 0.27 0.29	47.75 0.33 0.03	51.33 0.15 0.00	52.76 0.11 0.00	56.43 0.00 0.00	68.91 0.34 0.00	80.63 1.03 0.00	82.23 1.22 0.00	80.33 0.80 0.00	75.18 0.30 0.00	61.92 -0.06 0.00	54.58 -0.16 0.00	47.62 -0.05 0.00
ROARING___BROOK_WT_PWR 323790	36.76 -0.49 0.00	33.34 -0.40 0.00	30.48 -0.31 0.00	28.27 -0.23 0.00	28.68 -0.17 0.00	32.75 -0.10 0.00	36.20 -0.04 0.00	38.62 0.00 0.00	37.16 0.00 0.00	36.50 0.04 0.00	40.51 0.04 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.18 0.00 0.00	52.66 0.00 0.00	56.43 0.00 0.00	68.50 -0.07 0.00	79.36 -0.24 0.00	80.77 -0.24 0.00	79.30 -0.24 0.00	74.80 -0.07 0.00	61.99 0.00 0.00	54.75 0.00 0.00	47.72 0.05 0.00

ROCHESRG_115KV_T4 355643	37.80 0.56 0.00	34.52 0.78 0.00	31.52 0.74 0.00	29.16 0.66 0.00	29.37 0.52 0.00	32.62 -0.23 0.00	35.66 -0.58 0.00	37.73 -0.89 0.00	36.19 -0.97 0.00	35.66 -0.80 0.00	39.58 -0.89 0.00	44.54 -0.36 0.00	46.98 -0.47 0.00	51.23 0.05 0.00	53.13 0.47 0.00	57.22 0.79 0.00	68.84 0.27 0.00	80.39 0.80 0.00	82.06 1.05 0.00	81.28 1.75 0.00	75.48 0.60 0.00	62.42 0.43 0.00	55.35 0.60 0.00	48.05 0.38 0.00
ROCHESTER_9_IC 23652	38.03 0.78 0.00	34.76 1.01 0.00	31.74 0.95 0.00	29.33 0.83 0.00	29.57 0.72 0.00	32.78 -0.07 0.00	35.87 -0.36 0.00	37.96 -0.66 0.00	36.41 -0.74 0.00	35.88 -0.58 0.00	39.86 -0.61 0.00	44.85 -0.04 0.00	47.36 -0.09 0.00	51.69 0.51 0.00	53.60 0.95 0.00	57.78 1.35 0.00	69.53 0.96 0.00	81.19 1.59 0.00	82.79 1.78 0.00	82.00 2.47 0.00	76.15 1.27 0.00	63.04 1.05 0.00	55.79 1.04 0.00	48.43 0.76 0.00
ROCKVIEW_13_KV_LD 356306	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.73 1.23 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.47 1.23 0.00	40.43 1.82 0.00	39.39 2.23 0.00	38.69 2.22 0.00	43.06 2.59 0.00	47.77 2.56 -0.31	50.24 2.75 -0.04	53.79 2.61 0.00	55.18 2.53 0.00	58.91 2.48 0.00	71.93 3.36 0.00	84.13 4.54 0.00	85.39 4.37 0.00	83.19 3.66 0.00	77.50 2.62 0.00	63.35 1.36 0.00	56.12 1.37 0.00	49.10 1.43 0.00
ROME____115KV_TB2 80656	38.51 1.27 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.56 1.05 0.00	29.92 1.07 0.00	34.03 1.18 0.00	37.58 1.34 0.00	40.05 1.43 0.00	38.16 1.00 0.00	37.38 0.91 0.00	41.36 0.89 0.00	46.11 1.21 0.00	48.88 1.42 0.00	53.07 1.89 0.00	54.81 2.16 0.00	58.91 2.48 0.00	71.58 3.02 0.00	83.73 4.14 0.00	85.87 4.86 0.00	84.86 5.33 0.00	79.52 4.64 0.00	65.83 3.66 -0.19	58.23 2.85 -0.63	50.45 2.24 -0.54
ROSETON___1 23587	38.47 1.23 0.00	34.79 1.05 0.00	31.77 0.98 0.00	29.41 0.91 0.00	29.63 0.78 0.00	33.63 0.79 0.00	37.03 0.80 0.00	39.82 1.20 0.00	38.57 1.41 0.00	37.93 1.46 0.00	42.16 1.70 0.00	46.76 1.57 -0.29	49.01 1.52 -0.03	52.61 1.43 0.00	54.02 1.37 0.00	57.78 1.35 0.00	70.48 1.92 0.00	82.38 2.78 0.00	83.53 2.51 0.00	81.68 2.15 0.00	76.15 1.27 0.00	62.48 0.49 0.00	55.29 0.55 0.00	48.15 0.48 0.00
ROSETON___2 23588	38.47 1.23 0.00	34.79 1.05 0.00	31.77 0.98 0.00	29.41 0.91 0.00	29.63 0.78 0.00	33.63 0.79 0.00	37.03 0.80 0.00	39.82 1.20 0.00	38.57 1.41 0.00	37.93 1.46 0.00	42.16 1.70 0.00	46.76 1.57 -0.29	49.01 1.52 -0.03	52.61 1.43 0.00	54.02 1.37 0.00	57.78 1.35 0.00	70.48 1.92 0.00	82.38 2.78 0.00	83.53 2.51 0.00	81.68 2.15 0.00	76.15 1.27 0.00	62.48 0.49 0.00	55.29 0.55 0.00	48.15 0.48 0.00
ROTTRDAM_115KV_TB3 80664	38.18 0.93 0.00	34.55 0.81 0.00	31.59 0.80 0.00	29.24 0.74 0.00	29.57 0.72 0.00	33.57 0.72 0.00	36.85 0.62 0.00	39.35 0.73 0.00	37.90 0.74 0.00	37.12 0.66 0.00	41.15 0.69 0.00	45.34 0.67 0.23	48.14 0.71 0.03	51.95 0.77 0.00	53.45 0.79 0.00	57.22 0.79 0.00	69.80 1.23 0.00	81.74 2.15 0.00	83.52 2.51 0.00	82.00 2.47 0.00	76.83 1.95 0.00	63.41 1.43 0.00	55.90 1.15 0.00	48.63 0.95 0.00
RUSSELL___1 23602	38.29 1.04 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.72 0.87 0.00	32.95 0.10 0.00	36.06 -0.18 0.00	38.19 -0.42 0.00	36.60 -0.56 0.00	36.10 -0.36 0.00	40.10 -0.36 0.00	45.17 0.27 0.00	47.69 0.24 0.00	52.10 0.92 0.00	54.03 1.37 0.00	58.23 1.81 0.00	70.14 1.58 0.00	81.82 2.23 0.00	83.52 2.51 0.00	82.72 3.18 0.00	76.83 1.95 0.00	63.54 1.55 0.00	56.23 1.48 0.00	48.77 1.10 0.00
RUSSELL___2 23532	38.29 1.04 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.72 0.87 0.00	32.95 0.10 0.00	36.06 -0.18 0.00	38.19 -0.42 0.00	36.60 -0.56 0.00	36.10 -0.36 0.00	40.10 -0.36 0.00	45.17 0.27 0.00	47.69 0.24 0.00	52.10 0.92 0.00	54.03 1.37 0.00	58.23 1.81 0.00	70.14 1.58 0.00	81.82 2.23 0.00	83.52 2.51 0.00	82.72 3.18 0.00	76.83 1.95 0.00	63.54 1.55 0.00	56.23 1.48 0.00	48.77 1.10 0.00
RUSSELL___3 23549	38.29 1.04 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.72 0.87 0.00	32.95 0.10 0.00	36.06 -0.18 0.00	38.19 -0.42 0.00	36.60 -0.56 0.00	36.10 -0.36 0.00	40.10 -0.36 0.00	45.17 0.27 0.00	47.69 0.24 0.00	52.10 0.92 0.00	54.03 1.37 0.00	58.23 1.81 0.00	70.14 1.58 0.00	81.82 2.23 0.00	83.52 2.51 0.00	82.72 3.18 0.00	76.83 1.95 0.00	63.54 1.55 0.00	56.23 1.48 0.00	48.77 1.10 0.00
RUSSELL___4 23556	38.29 1.04 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.72 0.87 0.00	32.95 0.10 0.00	36.06 -0.18 0.00	38.19 -0.42 0.00	36.60 -0.56 0.00	36.10 -0.36 0.00	40.10 -0.36 0.00	45.17 0.27 0.00	47.69 0.24 0.00	52.10 0.92 0.00	54.03 1.37 0.00	58.23 1.81 0.00	70.14 1.58 0.00	81.82 2.23 0.00	83.52 2.51 0.00	82.72 3.18 0.00	76.83 1.95 0.00	63.54 1.55 0.00	56.23 1.48 0.00	48.77 1.10 0.00
RUSSELL___STATION 23914	38.29 1.04 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.72 0.87 0.00	32.95 0.10 0.00	36.06 -0.18 0.00	38.19 -0.42 0.00	36.60 -0.56 0.00	36.10 -0.36 0.00	40.10 -0.36 0.00	45.17 0.27 0.00	47.69 0.24 0.00	52.10 0.92 0.00	54.03 1.37 0.00	58.23 1.81 0.00	70.14 1.58 0.00	81.82 2.23 0.00	83.52 2.51 0.00	82.72 3.18 0.00	76.83 1.95 0.00	63.54 1.55 0.00	56.23 1.48 0.00	48.77 1.10 0.00
S SALMON___HYD 24043	37.39 0.15 0.00	34.01 0.27 0.00	31.06 0.28 0.00	28.76 0.26 0.00	29.08 0.23 0.00	33.01 0.17 0.00	36.42 0.18 0.00	38.62 0.00 0.00	36.93 -0.22 0.00	36.17 -0.29 0.00	40.10 -0.36 0.00	44.63 -0.27 0.00	47.17 -0.28 0.00	51.08 -0.10 0.00	52.60 -0.05 0.00	56.37 -0.06 0.00	68.43 -0.14 0.00	80.08 0.48 0.00	82.39 1.38 0.00	81.21 1.67 0.00	76.15 1.27 0.00	63.19 0.99 -0.21	56.18 0.71 -0.72	48.82 0.53 -0.62
S.PERRY__115KV_TB1 80734	39.41 2.16 0.00	35.97 2.23 0.00	32.85 2.06 0.00	30.35 1.85 0.00	30.58 1.73 0.00	33.86 1.02 0.00	37.03 0.80 0.00	38.93 0.31 0.00	36.90 -0.26 0.00	36.21 -0.26 0.00	40.02 -0.45 0.00	45.08 0.18 0.00	46.08 -1.38 0.00	50.46 -0.72 0.00	52.55 -0.11 0.00	56.71 0.28 0.00	68.36 -0.21 0.00	80.31 0.72 0.00	82.96 1.94 0.00	83.11 3.58 0.00	77.20 2.32 0.00	63.91 1.92 0.00	56.50 1.75 0.00	48.77 1.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.06 0.82 0.00	34.92 1.18 0.00	31.89 1.11 0.00	29.44 0.94 0.00	29.60 0.75 0.00	32.16 -0.69 0.00	34.75 -1.49 0.00	36.53 -2.09 0.00	35.15 -2.01 0.00	34.82 -1.64 0.00	38.44 -2.02 0.00	43.69 -1.21 0.00	45.89 -1.57 0.00	50.41 -0.77 0.00	52.50 -0.16 0.00	56.65 0.23 0.00	67.13 -1.44 0.00	78.48 -1.11 0.00	79.88 -1.13 0.00	79.93 0.40 0.00	73.31 -1.57 0.00	61.06 -0.93 0.00	54.91 0.16 0.00	47.91 0.24 0.00

SAWYER___23_KV_LOAD 55526	38.06 0.82 0.00	34.92 1.18 0.00	31.89 1.11 0.00	29.44 0.94 0.00	29.60 0.75 0.00	32.16 -0.69 0.00	34.75 -1.49 0.00	36.53 -2.09 0.00	35.15 -2.01 0.00	34.82 -1.64 0.00	38.44 -2.02 0.00	43.69 -1.21 0.00	45.89 -1.57 0.00	50.41 -0.77 0.00	52.50 -0.16 0.00	56.65 0.23 0.00	67.13 -1.44 0.00	78.48 -1.11 0.00	79.88 -1.13 0.00	79.93 0.40 0.00	73.31 -1.57 0.00	61.06 -0.93 0.00	54.91 0.16 0.00	47.91 0.24 0.00
SELKIRK___I 23801	37.95 0.71 0.00	34.38 0.64 0.00	31.49 0.71 0.00	29.18 0.68 0.00	29.46 0.61 0.00	33.40 0.56 0.00	36.64 0.40 0.00	39.08 0.47 0.00	37.57 0.41 0.00	36.79 0.33 0.00	40.75 0.29 0.00	44.92 0.18 0.16	47.53 0.10 0.02	50.97 -0.20 0.00	52.45 -0.21 0.00	56.14 -0.28 0.00	67.26 -1.30 0.00	78.72 -0.87 0.00	80.04 -0.97 0.00	78.74 -0.80 0.00	73.90 -0.98 0.00	60.99 -0.99 0.00	53.76 -0.98 0.00	47.00 -0.67 0.00
SELKIRK___II 23799	37.73 0.48 0.00	34.18 0.44 0.00	31.31 0.52 0.00	29.01 0.51 0.00	29.29 0.43 0.00	33.21 0.36 0.00	36.46 0.22 0.00	39.00 0.39 0.00	37.57 0.41 0.00	36.87 0.40 0.00	40.87 0.40 0.00	45.02 0.32 0.19	47.62 0.19 0.02	50.87 -0.31 0.00	52.29 -0.37 0.00	55.97 -0.45 0.00	68.16 -0.41 0.00	79.59 0.00 0.00	80.69 -0.32 0.00	79.22 -0.32 0.00	74.28 -0.60 0.00	61.31 -0.68 0.00	54.03 -0.71 0.00	47.48 -0.19 0.00
SENECA OSWGO___HYD 24041	36.72 -0.52 0.00	33.51 -0.23 0.00	30.60 -0.18 0.00	28.30 -0.20 0.00	28.59 -0.26 0.00	32.35 -0.49 0.00	35.66 -0.58 0.00	37.81 -0.81 0.00	36.34 -0.82 0.00	35.63 -0.84 0.00	39.61 -0.85 0.00	44.04 -0.85 0.00	46.60 -0.85 0.00	50.41 -0.77 0.00	51.92 -0.74 0.00	55.75 -0.67 0.00	67.75 -0.82 0.00	79.04 -0.55 0.00	80.93 -0.08 0.00	79.45 -0.08 0.00	74.28 -0.60 0.00	61.37 -0.62 0.00	54.09 -0.65 0.00	47.00 -0.67 0.00
SENECA___115KV_TB3 355854	38.25 1.01 0.00	35.06 1.32 0.00	32.02 1.23 0.00	29.56 1.05 0.00	29.72 0.87 0.00	32.35 -0.49 0.00	35.04 -1.20 0.00	36.88 -1.74 0.00	35.45 -1.71 0.00	35.19 -1.28 0.00	38.85 -1.62 0.00	44.18 -0.72 0.00	46.36 -1.09 0.00	50.97 -0.20 0.00	53.13 0.47 0.00	57.33 0.90 0.00	67.95 -0.62 0.00	79.44 -0.16 0.00	80.85 -0.16 0.00	80.89 1.35 0.00	74.05 -0.82 0.00	61.80 -0.19 0.00	55.57 0.82 0.00	48.29 0.62 0.00
SENECA___ENERGY 23797	37.58 0.33 0.00	34.25 0.51 0.00	31.25 0.46 0.00	28.87 0.37 0.00	29.20 0.35 0.00	32.81 -0.03 0.00	36.13 -0.11 0.00	38.31 -0.31 0.00	36.78 -0.37 0.00	36.06 -0.40 0.00	40.10 -0.36 0.00	44.81 -0.09 0.00	47.50 0.05 0.00	51.43 0.26 0.00	53.08 0.42 0.00	57.10 0.68 0.00	69.18 0.62 0.00	81.03 1.43 0.00	83.53 2.51 0.00	81.84 2.31 0.00	76.15 1.27 0.00	62.85 0.87 0.00	55.46 0.71 0.00	48.20 0.53 0.00
SHOEMAKER___GT 23640	38.33 1.08 0.00	34.66 0.91 0.00	31.65 0.86 0.00	29.27 0.77 0.00	29.54 0.69 0.00	33.54 0.69 0.00	36.92 0.69 0.00	39.62 1.00 0.00	38.23 1.08 0.00	37.63 1.17 0.00	41.80 1.33 0.00	46.41 1.26 -0.26	48.77 1.28 -0.03	52.51 1.33 0.00	53.97 1.32 0.00	57.78 1.35 0.00	70.56 1.99 0.00	82.46 2.86 0.00	83.77 2.76 0.00	82.00 2.47 0.00	76.52 1.65 0.00	62.79 0.80 0.00	55.51 0.77 0.00	48.25 0.57 0.00
SHOEMAKR_138KV_BK 111 55601	38.33 1.08 0.00	34.65 0.91 0.00	31.62 0.83 0.00	29.27 0.77 0.00	29.52 0.66 0.00	33.50 0.66 0.00	36.89 0.65 0.00	39.62 1.00 0.00	38.27 1.11 0.00	37.67 1.20 0.00	41.88 1.42 0.00	46.50 1.35 -0.26	48.91 1.42 -0.03	52.56 1.38 0.00	53.97 1.32 0.00	57.72 1.30 0.00	70.55 1.99 0.00	82.46 2.87 0.00	83.85 2.84 0.00	81.92 2.39 0.00	76.45 1.57 0.00	62.73 0.74 0.00	55.46 0.71 0.00	48.39 0.72 0.00
SHOREHAM_IC_1 23715	39.33 2.08 0.00	35.36 1.62 0.00	32.08 1.29 0.00	29.56 1.06 0.00	29.75 0.90 0.00	34.03 1.18 0.00	37.18 0.94 0.00	40.43 1.82 0.00	39.46 2.30 0.00	38.87 2.41 0.00	43.47 2.99 -0.01	47.50 2.29 -0.31	49.01 1.52 -0.04	52.51 1.33 0.00	54.29 1.63 0.00	58.51 2.09 0.00	70.76 2.19 0.00	83.49 3.90 0.00	84.26 3.24 0.00	81.19 1.67 0.02	67.29 0.53 8.12	61.66 -0.31 0.02	48.43 -0.49 5.82	46.76 -0.91 0.00
SHOREHAM_IC_2 23716	39.33 2.09 0.00	35.36 1.62 0.00	32.08 1.29 0.00	29.56 1.05 0.00	29.75 0.89 0.00	34.03 1.18 0.00	37.18 0.94 0.00	40.43 1.82 0.00	39.57 2.42 0.00	38.87 2.41 0.00	43.54 3.08 0.00	47.95 2.74 -0.31	50.15 2.66 -0.04	53.12 1.94 0.00	53.97 1.32 0.00	57.72 1.30 0.00	70.76 2.19 0.00	83.57 3.98 0.00	84.49 3.48 0.00	81.19 1.67 0.02	67.29 0.52 8.12	61.66 -0.31 0.02	48.44 -0.49 5.82	48.48 0.81 0.00
SISSONVILLE____ 23735	37.69 0.45 0.00	34.01 0.27 0.00	30.94 0.15 0.00	28.70 0.20 0.00	29.14 0.29 0.00	33.60 0.76 0.00	37.58 1.34 0.00	39.97 1.35 0.00	38.20 1.04 0.00	37.45 0.98 0.00	41.40 0.93 0.00	46.06 1.17 0.00	48.73 1.28 0.00	52.61 1.43 0.00	53.87 1.21 0.00	57.33 0.90 0.00	68.70 0.14 0.00	79.36 -0.24 0.00	80.93 -0.08 0.00	79.85 0.32 0.00	76.23 1.35 0.00	66.23 2.05 -2.20	64.39 2.19 -7.45	56.21 2.15 -6.39
SITHE_IND_GS1 24169	36.20 -1.04 0.00	33.07 -0.67 0.00	30.20 -0.59 0.00	27.93 -0.57 0.00	28.25 -0.61 0.00	31.96 -0.89 0.00	35.18 -1.05 0.00	37.27 -1.35 0.00	35.85 -1.30 0.00	35.19 -1.28 0.00	39.05 -1.42 0.00	43.46 -1.44 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.18 -1.47 0.00	54.90 -1.52 0.00	66.65 -1.92 0.00	77.68 -1.91 0.00	79.47 -1.54 0.00	77.94 -1.59 0.00	73.01 -1.87 0.00	60.32 -1.67 0.00	53.27 -1.48 0.00	46.34 -1.33 0.00
SITHE_IND_GS2 24170	36.20 -1.04 0.00	33.07 -0.67 0.00	30.20 -0.59 0.00	27.93 -0.57 0.00	28.25 -0.61 0.00	31.96 -0.89 0.00	35.18 -1.05 0.00	37.27 -1.35 0.00	35.85 -1.30 0.00	35.19 -1.28 0.00	39.05 -1.42 0.00	43.46 -1.44 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.18 -1.47 0.00	54.90 -1.52 0.00	66.65 -1.92 0.00	77.68 -1.91 0.00	79.47 -1.54 0.00	77.94 -1.59 0.00	73.01 -1.87 0.00	60.32 -1.67 0.00	53.27 -1.48 0.00	46.34 -1.33 0.00
SITHE_IND_GS3 24171	36.20 -1.04 0.00	33.07 -0.67 0.00	30.20 -0.59 0.00	27.93 -0.57 0.00	28.25 -0.61 0.00	31.96 -0.89 0.00	35.18 -1.05 0.00	37.27 -1.35 0.00	35.85 -1.30 0.00	35.19 -1.28 0.00	39.05 -1.42 0.00	43.46 -1.44 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.18 -1.47 0.00	54.90 -1.52 0.00	66.65 -1.92 0.00	77.68 -1.91 0.00	79.47 -1.54 0.00	77.94 -1.59 0.00	73.01 -1.87 0.00	60.32 -1.67 0.00	53.27 -1.48 0.00	46.34 -1.33 0.00
SITHE_IND_GS4 24172	36.20 -1.04 0.00	33.07 -0.67 0.00	30.20 -0.59 0.00	27.93 -0.57 0.00	28.25 -0.61 0.00	31.96 -0.89 0.00	35.18 -1.05 0.00	37.27 -1.35 0.00	35.85 -1.30 0.00	35.19 -1.28 0.00	39.05 -1.42 0.00	43.46 -1.44 0.00	45.98 -1.47 0.00	49.69 -1.49 0.00	51.18 -1.47 0.00	54.90 -1.52 0.00	66.65 -1.92 0.00	77.68 -1.91 0.00	79.47 -1.54 0.00	77.94 -1.59 0.00	73.01 -1.87 0.00	60.32 -1.67 0.00	53.27 -1.48 0.00	46.34 -1.33 0.00

SITHE___BATAVIA 24024	38.81 1.56 0.00	35.56 1.82 0.00	32.57 1.78 0.00	29.98 1.48 0.00	30.18 1.33 0.00	33.08 0.23 0.00	35.76 -0.47 0.00	37.73 -0.89 0.00	36.37 -0.78 0.00	35.66 -0.80 0.00	39.66 -0.81 0.00	44.76 -0.13 0.00	47.88 0.43 0.00	51.89 0.72 0.00	53.87 1.21 0.00	57.95 1.52 0.00	69.45 0.89 0.00	81.43 1.83 0.00	85.22 4.21 0.00	83.12 3.58 0.00	76.60 1.72 0.00	63.54 1.55 0.00	56.72 1.97 0.00	50.01 2.34 0.00
SITHE___INDEPEND 23800	36.20 -1.04 0.00	33.07 -0.67 0.00	30.20 -0.58 0.00	27.93 -0.57 0.00	28.25 -0.61 0.00	31.96 -0.89 0.00	35.19 -1.05 0.00	37.27 -1.35 0.00	35.82 -1.34 0.00	35.19 -1.28 0.00	39.05 -1.42 0.00	43.46 -1.44 0.00	45.89 -1.57 0.00	49.64 -1.54 0.00	51.18 -1.47 0.00	54.90 -1.52 0.00	66.65 -1.92 0.00	77.68 -1.91 0.00	79.23 -1.78 0.00	77.94 -1.59 0.00	73.01 -1.87 0.00	60.31 -1.67 0.00	53.27 -1.48 0.00	46.24 -1.43 0.00
SITHE___MASSENA 23902	37.43 0.19 0.00	33.78 0.03 0.00	30.76 -0.03 0.00	28.50 0.00 0.00	28.91 0.06 0.00	33.31 0.46 0.00	37.14 0.91 0.00	39.54 0.93 0.00	37.94 0.78 0.00	37.19 0.73 0.00	41.19 0.73 0.00	45.84 0.94 0.00	48.45 1.00 0.00	52.25 1.08 0.00	53.65 1.00 0.00	57.38 0.96 0.00	69.05 0.48 0.00	79.52 -0.08 0.00	80.85 -0.16 0.00	79.53 0.00 0.00	75.85 0.97 0.00	66.62 1.49 -3.15	66.94 1.53 -10.66	58.25 1.43 -9.15
SITHE___OGDNSBRG 24021	38.10 0.86 0.00	34.32 0.57 0.00	31.22 0.43 0.00	28.96 0.46 0.00	29.40 0.55 0.00	33.96 1.12 0.00	37.94 1.70 0.00	40.28 1.66 0.00	38.34 1.19 0.00	37.56 1.09 0.00	41.48 1.01 0.00	46.15 1.26 0.00	48.83 1.38 0.00	52.71 1.54 0.00	54.08 1.42 0.00	57.72 1.30 0.00	69.46 0.89 0.00	80.23 0.64 0.00	82.06 1.05 0.00	81.28 1.75 0.00	77.80 2.92 0.00	67.80 3.22 -2.59	66.51 3.01 -8.75	57.95 2.76 -7.51
SITHE___STERLING 23777	38.18 0.93 0.00	34.66 0.91 0.00	31.65 0.86 0.00	29.30 0.80 0.00	29.66 0.81 0.00	33.67 0.82 0.00	37.14 0.91 0.00	39.54 0.93 0.00	37.79 0.63 0.00	37.01 0.55 0.00	41.03 0.57 0.00	45.66 0.76 0.00	48.40 0.95 0.00	52.51 1.33 0.00	54.13 1.47 0.00	58.18 1.75 0.00	70.76 2.19 0.00	82.70 3.10 0.00	84.90 3.89 0.00	83.59 4.05 0.00	78.25 3.37 0.00	64.71 2.60 -0.12	57.19 2.03 -0.42	49.65 1.62 -0.36
SLEIGHT__34_KV_TB1 80719	37.54 0.30 0.00	34.25 0.51 0.00	31.25 0.46 0.00	28.90 0.40 0.00	29.17 0.32 0.00	32.62 -0.23 0.00	35.84 -0.40 0.00	37.96 -0.66 0.00	36.38 -0.78 0.00	35.77 -0.69 0.00	39.78 -0.69 0.00	44.63 -0.27 0.00	47.17 -0.28 0.00	51.43 0.26 0.00	53.18 0.53 0.00	57.27 0.85 0.00	69.18 0.62 0.00	80.95 1.35 0.00	82.71 1.70 0.00	81.76 2.23 0.00	76.08 1.20 0.00	62.79 0.81 0.00	55.40 0.66 0.00	47.96 0.29 0.00
SMITHTWN_69_KV_BK 1 55830	39.82 2.57 0.00	35.80 2.06 0.00	32.51 1.72 0.00	29.93 1.43 0.00	30.15 1.30 0.00	34.42 1.58 0.00	37.65 1.41 0.00	40.94 2.32 0.00	40.05 2.90 0.00	39.35 2.88 0.00	44.11 3.64 -0.31	48.53 3.32 -0.04	50.72 3.23 0.00	53.74 2.56 0.00	54.60 1.95 0.00	58.40 1.97 0.00	71.24 2.67 0.00	84.05 4.46 0.00	84.90 3.89 0.00	81.67 2.15 0.02	67.85 1.05 8.07	62.22 0.25 0.02	49.07 0.11 5.79	48.91 1.24 0.00
SOUTH CAIRO___GT 23612	38.81 1.56 0.00	35.13 1.38 0.00	32.14 1.35 0.00	29.73 1.23 0.00	30.04 1.18 0.00	34.09 1.25 0.00	37.40 1.16 0.00	39.93 1.31 0.00	37.86 0.71 0.00	37.09 0.62 0.00	41.07 0.61 0.11	45.68 0.90 0.01	48.48 1.04 0.00	51.74 0.56 0.00	53.39 0.74 0.00	57.44 1.02 0.00	70.42 1.85 0.00	83.02 3.42 0.00	85.06 4.05 0.00	83.67 4.14 0.00	78.32 3.44 0.00	64.47 2.48 0.00	56.55 1.81 0.00	49.29 1.62 0.00
SOUTH HAMPTN___IC 23720	40.34 3.09 0.00	36.28 2.53 0.00	32.91 2.12 0.00	30.27 1.77 0.00	30.50 1.64 0.00	34.85 2.00 0.00	38.05 1.81 0.00	41.44 2.82 0.00	40.54 3.38 0.00	39.93 3.47 0.00	44.81 4.33 -0.01	49.11 3.90 -0.31	50.86 3.37 -0.04	54.55 3.38 0.00	56.50 3.84 0.00	60.94 4.52 0.00	73.77 5.21 0.00	87.16 7.57 0.00	87.89 6.88 0.00	84.45 4.93 0.02	70.13 3.37 8.13	63.95 1.98 0.02	50.18 1.26 5.83	48.34 0.67 0.00
SOUTHDOWN_115KV_TB1 355954	38.92 1.68 0.00	35.57 1.82 0.00	32.48 1.69 0.00	29.98 1.48 0.00	30.18 1.33 0.00	32.98 0.13 0.00	36.31 0.07 0.00	38.46 -0.15 0.00	37.01 -0.15 0.00	36.76 0.29 0.00	40.55 0.08 0.00	46.33 1.44 0.00	48.50 1.04 0.00	53.38 2.20 0.00	55.50 2.84 0.00	60.04 3.61 0.00	70.69 2.13 0.00	81.82 2.23 0.00	83.36 2.35 0.00	83.35 3.82 0.00	76.08 1.20 0.00	63.66 1.67 0.00	57.27 2.52 0.00	49.39 1.72 0.00
SOUTHOLD_69_KV_BK 2 55809	40.97 3.72 0.00	36.85 3.10 0.00	33.43 2.65 0.00	30.72 2.22 0.00	30.96 2.11 0.00	35.38 2.53 0.00	38.59 2.36 0.00	42.06 3.44 0.00	41.24 4.09 0.00	40.55 4.08 0.00	45.60 5.14 -0.31	50.51 5.30 -0.04	53.00 5.50 0.00	56.40 5.22 0.00	57.45 4.79 0.00	61.73 5.30 0.00	75.63 7.06 0.00	89.46 9.87 0.00	90.17 9.15 0.00	86.44 6.92 0.02	71.84 5.09 8.13	65.32 3.35 0.02	51.27 2.35 5.83	50.96 3.29 0.00
SOUTHOLD___IC 23719	40.97 3.72 0.00	36.85 3.10 0.00	33.43 2.65 0.00	30.72 2.22 0.00	30.96 2.11 0.00	35.38 2.53 0.00	38.59 2.35 0.00	42.05 3.44 0.00	41.17 4.01 0.00	40.55 4.08 0.00	45.57 5.10 -0.01	50.06 4.85 -0.31	51.95 4.46 -0.04	55.79 4.61 0.00	57.76 5.11 0.00	62.47 6.04 0.00	75.63 7.06 0.00	89.38 9.79 0.00	90.08 9.07 0.00	86.43 6.92 0.02	71.85 5.09 8.13	65.32 3.34 0.02	51.27 2.35 5.83	49.29 1.62 0.00
SOUTH_FORK_WT_PWR 323839	41.19 3.95 0.00	37.02 3.27 0.00	33.59 2.80 0.00	30.86 2.36 0.00	31.11 2.25 0.00	35.57 2.72 0.00	38.74 2.50 0.00	42.25 3.63 0.00	41.35 4.20 0.00	40.77 4.30 0.00	45.81 5.34 -0.01	50.37 5.16 -0.31	52.28 4.79 -0.04	56.14 4.96 0.00	58.18 5.53 0.00	62.86 6.43 0.00	76.11 7.54 0.00	90.02 10.42 0.00	90.73 9.72 0.00	86.99 7.47 0.02	72.22 5.46 8.13	65.69 3.72 0.02	51.55 2.63 5.83	49.58 1.91 0.00
SPIERFLS_115KV_TB 1 80737	38.70 1.45 0.00	35.03 1.28 0.00	31.96 1.17 0.00	29.56 1.05 0.00	29.89 1.04 0.00	34.00 1.15 0.00	37.29 1.05 0.00	39.70 1.08 0.00	38.23 1.08 0.00	37.41 0.95 0.00	41.15 0.69 0.00	45.37 0.76 0.29	48.18 0.76 0.03	52.10 0.92 0.00	53.71 1.05 0.00	57.67 1.24 0.00	70.62 2.06 0.00	83.42 3.82 0.00	86.03 5.02 0.00	84.46 4.93 0.00	79.37 4.49 0.00	65.21 3.22 0.00	57.21 2.46 0.00	49.53 1.86 0.00
ST LAWRENCE____ 23600	37.02 -0.22 0.00	33.41 -0.34 0.00	30.38 -0.40 0.00	28.16 -0.34 0.00	28.59 -0.26 0.00	32.88 0.03 0.00	36.49 0.26 0.00	38.89 0.27 0.00	37.34 0.19 0.00	36.65 0.18 0.00	40.59 0.12 0.00	45.12 0.23 0.00	47.64 0.19 0.00	51.33 0.15 0.00	52.76 0.11 0.00	56.48 0.06 0.00	68.43 -0.14 0.00	78.72 -0.87 0.00	79.96 -1.06 0.00	78.58 -0.95 0.00	74.80 -0.07 0.00	62.10 0.37 0.26	54.36 0.44 0.82	47.46 0.48 0.69

STATE_CA_115KV_115_LB 55624	37.80 0.56 0.00	34.25 0.51 0.00	31.37 0.58 0.00	29.07 0.57 0.00	29.34 0.49 0.00	33.27 0.43 0.00	36.53 0.29 0.00	39.08 0.46 0.00	37.71 0.56 0.00	36.94 0.47 0.00	40.99 0.53 0.00	44.99 0.36 0.27	47.85 0.43 0.03	51.43 0.26 0.00	52.92 0.26 0.00	56.59 0.17 0.00	69.11 0.55 0.00	80.87 1.27 0.00	82.39 1.38 0.00	80.57 1.03 0.00	75.40 0.52 0.00	62.11 0.12 0.00	54.75 0.00 0.00	47.77 0.10 0.00
STATE_ST_34_KV_LOAD 55959	37.58 0.34 0.00	34.25 0.51 0.00	31.28 0.49 0.00	28.87 0.37 0.00	29.20 0.35 0.00	32.95 0.10 0.00	36.31 0.07 0.00	38.50 -0.12 0.00	36.90 -0.26 0.00	36.21 -0.26 0.00	40.22 -0.24 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.54 0.36 0.00	53.18 0.53 0.00	57.22 0.79 0.00	69.39 0.82 0.00	81.19 1.59 0.00	83.04 2.03 0.00	82.00 2.47 0.00	76.45 1.57 0.00	63.10 1.12 0.00	55.57 0.82 0.00	48.01 0.33 0.00
STATION_5_MISC_HYD 23604	38.03 0.78 0.00	34.76 1.01 0.00	31.74 0.96 0.00	29.33 0.83 0.00	29.57 0.72 0.00	32.81 -0.03 0.00	35.87 -0.36 0.00	37.96 -0.66 0.00	36.56 -0.60 0.00	35.88 -0.58 0.00	39.94 -0.53 0.00	44.85 -0.04 0.00	47.74 0.29 0.00	51.74 0.56 0.00	53.55 0.89 0.00	57.61 1.19 0.00	69.52 0.96 0.00	81.19 1.59 0.00	84.01 3.00 0.00	82.00 2.47 0.00	76.15 1.27 0.00	63.04 1.05 0.00	55.78 1.04 0.00	48.81 1.14 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.77 0.52 0.00	34.45 0.71 0.00	31.46 0.68 0.00	29.07 0.57 0.00	29.34 0.49 0.00	32.75 -0.10 0.00	35.98 -0.25 0.00	38.12 -0.50 0.00	36.52 -0.63 0.00	35.95 -0.51 0.00	39.90 -0.57 0.00	44.81 -0.09 0.00	47.26 -0.19 0.00	51.54 0.36 0.00	53.34 0.68 0.00	57.44 1.02 0.00	69.39 0.82 0.00	81.19 1.59 0.00	82.88 1.86 0.00	82.00 2.47 0.00	76.23 1.35 0.00	62.98 0.99 0.00	55.62 0.88 0.00	48.15 0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.77 0.52 0.00	34.49 0.74 0.00	31.49 0.71 0.00	29.13 0.63 0.00	29.34 0.49 0.00	32.62 -0.23 0.00	35.69 -0.54 0.00	37.81 -0.81 0.00	36.26 -0.89 0.00	35.74 -0.73 0.00	39.70 -0.77 0.00	44.63 -0.27 0.00	47.12 -0.33 0.00	51.43 0.26 0.00	53.34 0.68 0.00	57.44 1.02 0.00	69.25 0.69 0.00	80.87 1.27 0.00	82.47 1.46 0.00	81.60 2.07 0.00	75.85 0.97 0.00	62.67 0.68 0.00	55.46 0.71 0.00	48.10 0.43 0.00
STA_56___34_KV_BUS2 355983	37.77 0.52 0.00	34.49 0.74 0.00	31.49 0.71 0.00	29.13 0.63 0.00	29.34 0.49 0.00	32.62 -0.23 0.00	35.69 -0.54 0.00	37.81 -0.81 0.00	36.26 -0.89 0.00	35.74 -0.73 0.00	39.70 -0.77 0.00	44.63 -0.27 0.00	47.12 -0.33 0.00	51.43 0.26 0.00	53.34 0.68 0.00	57.44 1.02 0.00	69.25 0.69 0.00	80.87 1.27 0.00	82.47 1.46 0.00	81.60 2.07 0.00	75.85 0.97 0.00	62.67 0.68 0.00	55.46 0.71 0.00	48.10 0.43 0.00
STA_67___115KV_BK2 355882	37.95 0.71 0.00	34.65 0.91 0.00	31.65 0.86 0.00	29.27 0.77 0.00	29.49 0.63 0.00	32.72 -0.13 0.00	35.77 -0.47 0.00	37.88 -0.73 0.00	36.34 -0.82 0.00	35.81 -0.66 0.00	39.74 -0.73 0.00	44.72 -0.18 0.00	47.17 -0.28 0.00	51.48 0.31 0.00	53.39 0.74 0.00	57.55 1.13 0.00	69.25 0.69 0.00	80.87 1.27 0.00	82.55 1.54 0.00	81.76 2.23 0.00	75.93 1.05 0.00	62.79 0.81 0.00	55.62 0.88 0.00	48.29 0.62 0.00
STA_7___115KV_9TRANS 80674	38.29 1.04 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.72 0.87 0.00	32.95 0.10 0.00	36.06 -0.18 0.00	38.19 -0.42 0.00	36.60 -0.56 0.00	36.10 -0.36 0.00	40.10 -0.36 0.00	45.17 0.27 0.00	47.69 0.24 0.00	52.10 0.92 0.00	54.03 1.37 0.00	58.23 1.81 0.00	70.14 1.58 0.00	81.82 2.23 0.00	83.52 2.51 0.00	82.72 3.18 0.00	76.83 1.95 0.00	63.54 1.55 0.00	56.23 1.48 0.00	48.77 1.10 0.00
STA_82___115KV_TB1 80780	37.95 0.71 0.00	34.69 0.94 0.00	31.65 0.86 0.00	29.27 0.77 0.00	29.49 0.63 0.00	32.72 -0.13 0.00	35.80 -0.43 0.00	37.88 -0.73 0.00	36.34 -0.82 0.00	35.81 -0.66 0.00	39.74 -0.73 0.00	44.72 -0.18 0.00	47.17 -0.28 0.00	51.48 0.31 0.00	53.39 0.74 0.00	57.55 1.13 0.00	69.25 0.69 0.00	80.87 1.27 0.00	82.55 1.54 0.00	81.76 2.23 0.00	75.93 1.05 0.00	62.79 0.81 0.00	55.62 0.88 0.00	48.29 0.62 0.00
STEEL___WIND 323596	38.21 0.97 0.00	35.03 1.28 0.00	32.02 1.23 0.00	29.53 1.02 0.00	29.69 0.84 0.00	32.35 -0.49 0.00	35.00 -1.23 0.00	36.84 -1.78 0.00	35.71 -1.45 0.00	35.15 -1.31 0.00	39.01 -1.46 0.00	44.13 -0.76 0.00	47.22 -0.24 0.00	50.97 -0.20 0.00	52.97 0.32 0.00	56.99 0.56 0.00	67.88 -0.69 0.00	79.36 -0.24 0.00	83.04 2.03 0.00	80.80 1.27 0.00	73.98 -0.90 0.00	61.68 -0.31 0.00	55.51 0.77 0.00	49.06 1.38 0.00
STEPHTWN_115KV_BK_2 55603	37.95 0.71 0.00	34.38 0.64 0.00	31.49 0.71 0.00	29.16 0.66 0.00	29.43 0.58 0.00	33.41 0.56 0.00	36.67 0.43 0.00	39.24 0.62 0.00	37.82 0.67 0.00	37.05 0.58 0.00	41.11 0.65 0.00	45.13 0.49 0.26	47.99 0.57 0.03	51.54 0.36 0.00	53.02 0.37 0.00	56.76 0.34 0.00	69.32 0.75 0.00	81.35 1.75 0.00	82.88 1.86 0.00	80.97 1.43 0.00	75.78 0.90 0.00	62.42 0.43 0.00	54.97 0.22 0.00	47.96 0.29 0.00
STEUBEN_REC_LFGE 323667	38.77 1.53 0.00	35.40 1.65 0.00	32.29 1.51 0.00	29.81 1.31 0.00	30.07 1.21 0.00	33.21 0.36 0.00	36.42 0.18 0.00	38.35 -0.27 0.00	36.52 -0.63 0.00	35.99 -0.47 0.00	39.78 -0.69 0.00	44.94 0.04 0.00	47.17 -0.28 0.00	51.74 0.56 0.00	53.71 1.05 0.00	58.01 1.58 0.00	69.46 0.89 0.00	81.58 1.99 0.00	83.60 2.59 0.00	83.67 4.14 0.00	77.12 2.25 0.00	63.97 1.98 0.00	56.94 2.19 0.00	49.01 1.33 0.00
STILLWATER___SOLAR 323814	38.81 1.56 0.00	35.13 1.38 0.00	32.08 1.29 0.00	29.67 1.17 0.00	30.01 1.16 0.00	34.06 1.22 0.00	37.36 1.12 0.00	39.85 1.24 0.00	38.31 1.15 0.00	37.48 1.02 0.00	41.48 1.01 0.00	45.57 0.99 0.32	48.46 1.04 0.04	52.40 1.23 0.00	53.97 1.32 0.00	57.95 1.52 0.00	70.82 2.26 0.00	83.42 3.82 0.00	85.30 4.29 0.00	83.83 4.29 0.00	78.62 3.74 0.00	64.71 2.72 0.00	56.88 2.13 0.00	49.34 1.67 0.00
STONY___BROOK 24151	39.78 2.53 0.00	35.80 2.06 0.00	32.51 1.72 0.00	29.92 1.42 0.00	30.12 1.27 0.00	34.42 1.58 0.00	37.65 1.41 0.00	40.94 2.32 0.00	39.94 2.79 0.00	39.35 2.88 0.00	43.99 3.52 -0.01	48.00 2.78 -0.31	49.58 2.09 -0.04	53.07 1.89 0.00	54.92 2.26 0.00	59.02 2.60 0.00	70.90 2.33 0.00	83.57 3.98 0.00	84.26 3.24 0.00	81.27 1.75 0.02	67.46 0.67 8.09	62.03 0.06 0.02	49.00 0.05 5.80	47.29 -0.38 0.00
STURGEON_POOL_HYD 23609	38.59 1.34 0.00	34.86 1.11 0.00	31.83 1.05 0.00	29.47 0.97 0.00	29.69 0.84 0.00	33.70 0.85 0.00	37.11 0.87 0.00	39.93 1.31 0.00	38.49 1.34 0.00	37.92 1.46 0.00	42.21 1.74 0.00	46.89 1.84 -0.15	49.46 1.99 -0.02	52.97 1.79 0.00	54.39 1.74 0.00	58.17 1.75 0.00	71.24 2.67 0.00	83.26 3.66 0.00	84.58 3.56 0.00	82.56 3.02 0.00	76.83 1.95 0.00	63.04 1.05 0.00	55.79 1.04 0.00	48.67 1.00 0.00

ST_LAW_115_BK7_LBMP 345037	37.02 -0.22 0.00	33.41 -0.34 0.00	30.38 -0.40 0.00	28.13 -0.37 0.00	28.59 -0.26 0.00	32.88 0.03 0.00	36.56 0.33 0.00	38.97 0.35 0.00	37.38 0.22 0.00	36.69 0.22 0.00	40.63 0.16 0.00	45.17 0.27 0.00	47.69 0.24 0.00	51.43 0.26 0.00	52.81 0.16 0.00	56.54 0.11 0.00	68.36 -0.21 0.00	78.64 -0.95 0.00	79.88 -1.13 0.00	78.50 -1.04 0.00	74.80 -0.07 0.00	62.08 0.44 0.34	54.13 0.55 1.16	47.25 0.57 1.00
ST_LAW_115_BK8_LBMP 345038	37.02 -0.22 0.00	33.41 -0.34 0.00	30.38 -0.40 0.00	28.13 -0.37 0.00	28.59 -0.26 0.00	32.88 0.03 0.00	36.56 0.33 0.00	38.97 0.35 0.00	37.38 0.22 0.00	36.69 0.22 0.00	40.63 0.16 0.00	45.17 0.27 0.00	47.69 0.24 0.00	51.43 0.26 0.00	52.81 0.16 0.00	56.54 0.11 0.00	68.36 -0.21 0.00	78.64 -0.95 0.00	79.88 -1.13 0.00	78.50 -1.04 0.00	74.80 -0.07 0.00	62.08 0.44 0.34	54.13 0.55 1.16	47.25 0.57 1.00
ST_LAW_230_BK5_LBMP 345035	37.02 -0.22 0.00	33.41 -0.34 0.00	30.38 -0.40 0.00	28.16 -0.34 0.00	28.59 -0.26 0.00	32.88 0.03 0.00	36.49 0.26 0.00	38.89 0.27 0.00	37.34 0.19 0.00	36.65 0.18 0.00	40.59 0.12 0.00	45.12 0.23 0.00	47.64 0.19 0.00	51.33 0.15 0.00	52.76 0.11 0.00	56.48 0.06 0.00	68.43 -0.14 0.00	78.72 -0.87 0.00	79.96 -1.06 0.00	78.58 -0.95 0.00	74.80 -0.07 0.00	62.19 0.37 0.17	54.60 0.44 0.58	47.65 0.48 0.50
ST_LAW_230_BK6_LBMP 345036	37.02 -0.22 0.00	33.41 -0.34 0.00	30.38 -0.40 0.00	28.16 -0.34 0.00	28.59 -0.26 0.00	32.88 0.03 0.00	36.49 0.26 0.00	38.89 0.27 0.00	37.34 0.19 0.00	36.65 0.18 0.00	40.59 0.12 0.00	45.12 0.23 0.00	47.64 0.19 0.00	51.33 0.15 0.00	52.76 0.11 0.00	56.48 0.06 0.00	68.43 -0.14 0.00	78.72 -0.87 0.00	79.96 -1.06 0.00	78.58 -0.95 0.00	74.80 -0.07 0.00	62.19 0.37 0.17	54.60 0.44 0.58	47.65 0.48 0.50
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.51 1.27 0.00	34.79 1.05 0.00	31.74 0.95 0.00	29.38 0.88 0.00	29.60 0.75 0.00	33.64 0.79 0.00	37.03 0.80 0.00	39.82 1.20 0.00	38.53 1.37 0.00	37.92 1.46 0.00	42.16 1.70 0.00	46.83 1.66 -0.27	49.24 1.76 -0.03	52.87 1.69 0.00	54.24 1.58 0.00	58.01 1.58 0.00	70.90 2.33 0.00	82.86 3.26 0.00	84.17 3.16 0.00	82.16 2.62 0.00	76.53 1.65 0.00	62.79 0.81 0.00	55.51 0.77 0.00	48.48 0.81 0.00
SWANROAD_115KV_TB1 355699	37.47 0.22 0.00	34.45 0.71 0.00	31.46 0.68 0.00	29.01 0.51 0.00	29.20 0.35 0.00	31.89 -0.95 0.00	34.14 -2.10 0.00	35.84 -2.78 0.00	34.44 -2.71 0.00	34.13 -2.33 0.00	37.67 -2.79 0.00	42.83 -2.07 0.00	44.94 -2.52 0.00	49.39 -1.79 0.00	51.50 -1.16 0.00	55.47 -0.96 0.00	65.75 -2.81 0.00	76.89 -2.71 0.00	78.26 -2.75 0.00	78.34 -1.19 0.00	71.88 -3.00 0.00	59.82 -2.17 0.00	53.93 -0.82 0.00	47.10 -0.57 0.00
SYNERGY___BIOGAS 323694	38.81 1.56 0.00	35.57 1.82 0.00	32.45 1.66 0.00	29.98 1.48 0.00	30.15 1.30 0.00	33.08 0.23 0.00	35.77 -0.47 0.00	37.73 -0.89 0.00	36.12 -1.04 0.00	35.66 -0.80 0.00	39.45 -1.01 0.00	44.76 -0.13 0.00	47.17 -0.28 0.00	51.79 0.61 0.00	53.92 1.26 0.00	58.23 1.81 0.00	69.46 0.89 0.00	81.43 1.83 0.00	83.20 2.19 0.00	83.11 3.58 0.00	76.60 1.72 0.00	63.54 1.55 0.00	56.72 1.97 0.00	49.29 1.62 0.00
SYRACUSE___ENERGY_ST1 323597	37.17 -0.07 0.00	33.88 0.13 0.00	30.97 0.18 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.72 -0.13 0.00	36.06 -0.18 0.00	38.23 -0.39 0.00	36.71 -0.45 0.00	36.03 -0.44 0.00	40.02 -0.45 0.00	44.63 -0.27 0.00	47.17 -0.28 0.00	51.13 -0.05 0.00	52.71 0.05 0.00	56.65 0.23 0.00	68.70 0.14 0.00	80.23 0.64 0.00	81.98 0.97 0.00	80.73 1.19 0.00	75.40 0.52 0.00	62.23 0.25 0.00	54.86 0.11 0.00	47.53 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	37.17 -0.07 0.00	33.88 0.13 0.00	30.97 0.18 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.72 -0.13 0.00	36.06 -0.18 0.00	38.23 -0.39 0.00	36.71 -0.45 0.00	36.03 -0.44 0.00	40.02 -0.45 0.00	44.63 -0.27 0.00	47.17 -0.28 0.00	51.13 -0.05 0.00	52.71 0.05 0.00	56.65 0.23 0.00	68.70 0.14 0.00	80.23 0.64 0.00	81.98 0.97 0.00	80.73 1.19 0.00	75.40 0.52 0.00	62.23 0.25 0.00	54.86 0.11 0.00	47.53 -0.14 0.00
SYRACUSE___POWER 24017	37.06 -0.19 0.00	33.81 0.07 0.00	30.91 0.12 0.00	28.56 0.06 0.00	28.88 0.03 0.00	32.65 -0.20 0.00	35.95 -0.29 0.00	38.12 -0.50 0.00	36.60 -0.56 0.00	35.95 -0.51 0.00	39.94 -0.53 0.00	44.49 -0.40 0.00	47.03 -0.43 0.00	51.02 -0.15 0.00	52.60 -0.05 0.00	56.48 0.06 0.00	68.57 0.00 0.00	80.07 0.48 0.00	81.74 0.73 0.00	80.49 0.95 0.00	75.18 0.30 0.00	62.05 0.06 0.00	54.69 -0.05 0.00	47.39 -0.29 0.00
TALLMAN_138KV_BK151 55660	38.74 1.49 0.00	34.96 1.21 0.00	31.89 1.11 0.00	29.50 1.00 0.00	29.75 0.89 0.00	33.77 0.92 0.00	37.22 0.98 0.00	40.05 1.43 0.00	38.87 1.71 0.00	38.25 1.79 0.00	42.57 2.10 0.00	47.25 2.07 -0.29	49.67 2.18 -0.04	53.22 2.05 0.00	54.55 1.90 0.00	58.34 1.92 0.00	71.24 2.67 0.00	83.34 3.74 0.00	84.50 3.48 0.00	82.40 2.86 0.00	76.68 1.80 0.00	62.85 0.87 0.00	55.62 0.88 0.00	48.63 0.95 0.00
TEALLAVE_115KV_TB7 355573	36.95 -0.30 0.00	33.71 -0.03 0.00	30.85 0.06 0.00	28.50 0.00 0.00	28.80 -0.06 0.00	32.55 -0.30 0.00	35.84 -0.40 0.00	37.96 -0.66 0.00	36.45 -0.71 0.00	35.81 -0.66 0.00	39.78 -0.69 0.00	44.36 -0.54 0.00	46.88 -0.57 0.00	50.82 -0.36 0.00	52.39 -0.26 0.00	56.26 -0.17 0.00	68.29 -0.27 0.00	79.67 0.08 0.00	81.34 0.32 0.00	80.09 0.56 0.00	74.80 -0.07 0.00	61.74 -0.25 0.00	54.42 -0.33 0.00	47.20 -0.48 0.00
TELGRAPH_34_KV_EAST 80808	38.25 1.01 0.00	35.09 1.35 0.00	32.05 1.26 0.00	29.58 1.08 0.00	29.78 0.92 0.00	32.55 -0.30 0.00	35.08 -1.16 0.00	36.92 -1.70 0.00	35.41 -1.75 0.00	35.04 -1.42 0.00	38.77 -1.70 0.00	44.00 -0.90 0.00	46.27 -1.19 0.00	50.82 -0.36 0.00	52.97 0.32 0.00	57.10 0.68 0.00	67.95 -0.62 0.00	79.51 -0.08 0.00	81.09 0.08 0.00	81.04 1.51 0.00	74.50 -0.37 0.00	61.92 -0.06 0.00	55.51 0.77 0.00	48.34 0.67 0.00
TEMPLE___115KV_TB 2 55572	36.95 -0.30 0.00	33.71 -0.03 0.00	30.85 0.06 0.00	28.53 0.03 0.00	28.82 -0.03 0.00	32.58 -0.26 0.00	35.84 -0.40 0.00	38.00 -0.62 0.00	36.49 -0.67 0.00	35.85 -0.62 0.00	39.82 -0.65 0.00	44.40 -0.49 0.00	46.93 -0.52 0.00	50.87 -0.31 0.00	52.45 -0.21 0.00	56.31 -0.11 0.00	68.36 -0.21 0.00	79.75 0.16 0.00	81.42 0.41 0.00	80.17 0.64 0.00	74.88 0.00 0.00	61.80 -0.19 0.00	54.47 -0.27 0.00	47.20 -0.48 0.00
TIANA___69_KV_BK 1 55817	40.11 2.87 0.00	36.07 2.33 0.00	32.73 1.94 0.00	30.10 1.60 0.00	30.32 1.47 0.00	34.65 1.81 0.00	37.87 1.63 0.00	41.21 2.59 0.00	40.39 3.23 0.00	39.67 3.21 0.00	44.55 4.09 0.00	49.21 4.00 -0.31	51.52 4.03 -0.04	54.71 3.53 0.00	55.66 3.00 0.00	59.64 3.22 0.00	73.09 4.53 0.00	86.36 6.77 0.00	87.17 6.16 0.00	83.65 4.14 0.02	69.45 2.70 8.13	63.40 1.43 0.02	49.80 0.88 5.83	49.67 2.00 0.00

TILDEN___115KV_TB1 80814	37.06 -0.19 0.00	33.81 0.07 0.00	30.91 0.12 0.00	28.56 0.06 0.00	28.88 0.03 0.00	32.65 -0.20 0.00	35.95 -0.29 0.00	38.12 -0.50 0.00	36.60 -0.56 0.00	35.95 -0.51 0.00	39.94 -0.53 0.00	44.49 -0.40 0.00	47.03 -0.43 0.00	51.02 -0.15 0.00	52.60 -0.05 0.00	56.48 0.06 0.00	68.57 0.00 0.00	80.07 0.48 0.00	81.74 0.73 0.00	80.49 0.95 0.00	75.18 0.30 0.00	62.05 0.06 0.00	54.69 -0.05 0.00	47.39 -0.29 0.00
TRIGEN___CC 323695	39.37 2.12 0.00	35.46 1.72 0.00	32.26 1.48 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.16 1.31 0.00	37.47 1.23 0.00	40.59 1.97 0.00	39.57 2.42 0.00	38.91 2.44 0.00	43.50 3.03 0.00	47.99 2.78 -0.31	50.29 2.80 -0.04	53.43 2.25 0.00	54.50 1.84 0.00	58.34 1.92 0.00	71.31 2.74 0.00	83.81 4.22 0.00	84.74 3.73 0.00	82.07 2.55 0.01	74.47 1.50 1.91	62.47 0.50 0.01	53.82 0.44 1.37	48.77 1.10 0.00
TRINITY__115KV__4 BK 55933	37.62 0.37 0.00	34.11 0.37 0.00	31.28 0.49 0.00	28.99 0.48 0.00	29.23 0.38 0.00	33.14 0.30 0.00	36.38 0.14 0.00	38.97 0.35 0.00	37.56 0.41 0.00	36.79 0.33 0.00	40.83 0.36 0.00	44.77 0.13 0.26	47.61 0.19 0.03	51.13 -0.05 0.00	52.60 -0.05 0.00	56.26 -0.17 0.00	68.63 0.07 0.00	80.39 0.80 0.00	81.90 0.89 0.00	80.01 0.48 0.00	74.95 0.07 0.00	61.74 -0.25 0.00	54.42 -0.33 0.00	47.48 -0.19 0.00
UNION___PROCESSING_DRP 323587	37.95 0.71 0.00	34.69 0.94 0.00	31.68 0.89 0.00	29.27 0.77 0.00	29.52 0.66 0.00	32.75 -0.10 0.00	35.80 -0.43 0.00	37.88 -0.73 0.00	36.34 -0.82 0.00	35.81 -0.66 0.00	39.74 -0.73 0.00	44.72 -0.18 0.00	47.22 -0.24 0.00	51.54 0.36 0.00	53.45 0.79 0.00	57.55 1.13 0.00	69.32 0.75 0.00	80.95 1.35 0.00	82.55 1.54 0.00	81.76 2.23 0.00	76.00 1.12 0.00	62.85 0.87 0.00	55.68 0.93 0.00	48.29 0.62 0.00
UPPER HUDSON___HYD 24058	38.70 1.45 0.00	35.03 1.28 0.00	31.96 1.17 0.00	29.56 1.06 0.00	29.89 1.04 0.00	34.00 1.15 0.00	37.29 1.05 0.00	39.70 1.08 0.00	38.16 1.00 0.00	37.41 0.95 0.00	41.11 0.65 0.00	45.33 0.72 0.29	48.13 0.71 0.03	52.10 0.92 0.00	53.71 1.05 0.00	57.67 1.24 0.00	70.62 2.06 0.00	83.42 3.82 0.00	85.87 4.86 0.00	84.47 4.93 0.00	79.37 4.49 0.00	65.21 3.22 0.00	57.21 2.47 0.00	49.44 1.76 0.00
UPPER RAQUET___HYD 24056	37.69 0.45 0.00	34.01 0.27 0.00	30.94 0.15 0.00	28.70 0.20 0.00	29.14 0.29 0.00	33.60 0.76 0.00	37.58 1.34 0.00	39.97 1.35 0.00	38.19 1.04 0.00	37.45 0.98 0.00	41.40 0.93 0.00	46.15 1.26 0.00	48.74 1.28 0.00	52.61 1.43 0.00	53.87 1.21 0.00	57.33 0.90 0.00	68.70 0.14 0.00	79.36 -0.24 0.00	80.93 -0.08 0.00	79.85 0.32 0.00	76.23 1.35 0.00	66.20 2.04 -2.17	64.29 2.19 -7.35	56.12 2.15 -6.31
VALLEY44_115KV_TB2 355964	37.39 0.15 0.00	34.11 0.37 0.00	31.19 0.40 0.00	28.81 0.31 0.00	29.00 0.14 0.00	31.66 -1.18 0.00	34.57 -1.67 0.00	36.53 -2.09 0.00	35.15 -2.01 0.00	34.86 -1.60 0.00	38.40 -2.06 0.00	43.69 -1.21 0.00	45.79 -1.66 0.00	50.31 -0.87 0.00	52.45 -0.21 0.00	56.65 0.23 0.00	66.85 -1.71 0.00	78.08 -1.51 0.00	79.47 -1.54 0.00	79.45 -0.08 0.00	72.63 -2.25 0.00	60.75 -1.24 0.00	54.80 0.05 0.00	47.34 -0.33 0.00
VALLEY___115KV_TB 1-4 80826	37.10 -0.15 0.00	33.61 -0.13 0.00	30.69 -0.09 0.00	28.41 -0.09 0.00	28.74 -0.12 0.00	32.72 -0.13 0.00	36.09 -0.14 0.00	38.50 -0.12 0.00	36.97 -0.19 0.00	36.25 -0.22 0.00	40.22 -0.24 0.00	44.63 -0.27 0.00	47.22 -0.24 0.00	50.97 -0.20 0.00	52.45 -0.21 0.00	56.26 -0.17 0.00	68.43 -0.14 0.00	79.67 0.08 0.00	81.09 0.08 0.00	79.53 0.00 0.00	74.65 -0.22 0.00	61.80 -0.19 0.00	54.47 -0.27 0.00	47.43 -0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.62 1.38 0.00	34.99 1.25 0.00	31.92 1.14 0.00	29.56 1.05 0.00	29.89 1.04 0.00	33.86 1.02 0.00	37.29 1.05 0.00	39.85 1.24 0.00	38.12 0.97 0.00	37.45 0.98 0.00	41.52 1.05 0.00	46.23 1.26 -0.07	48.84 1.38 -0.01	52.87 1.69 0.00	54.50 1.84 0.00	58.51 2.09 0.00	71.24 2.67 0.00	83.26 3.66 0.00	84.90 3.89 0.00	83.43 3.90 0.00	77.87 3.00 0.00	64.09 2.11 0.00	56.50 1.75 0.00	49.10 1.43 0.00
VISCHER___FERRY HYD 24020	38.36 1.12 0.00	34.76 1.01 0.00	31.77 0.98 0.00	29.41 0.91 0.00	29.72 0.86 0.00	33.70 0.85 0.00	37.00 0.76 0.00	39.58 0.97 0.00	38.09 0.93 0.00	37.30 0.84 0.00	41.35 0.89 0.00	45.32 0.81 0.38	48.21 0.81 0.05	52.10 0.92 0.00	53.60 0.95 0.00	57.44 1.02 0.00	70.14 1.58 0.00	82.30 2.71 0.00	83.77 2.76 0.00	82.24 2.71 0.00	76.97 2.09 0.00	63.41 1.43 0.00	55.78 1.04 0.00	48.43 0.76 0.00
V_A_10_SYNC_DSASP 323832	37.80 0.56 0.00	34.72 0.98 0.00	31.71 0.92 0.00	29.27 0.77 0.00	29.46 0.61 0.00	32.12 -0.72 0.00	34.79 -1.45 0.00	36.57 -2.05 0.00	35.15 -2.01 0.00	34.79 -1.68 0.00	38.44 -2.02 0.00	43.51 -1.39 0.00	45.75 -1.71 0.00	50.15 -1.02 0.00	52.18 -0.47 0.00	56.20 -0.23 0.00	66.92 -1.65 0.00	78.16 -1.43 0.00	79.55 -1.46 0.00	79.37 -0.16 0.00	73.08 -1.80 0.00	60.75 -1.24 0.00	54.47 -0.27 0.00	47.58 -0.10 0.00
V_CMM_10_SYNC_DSASP 323787	37.17 -0.07 0.00	33.54 -0.20 0.00	30.51 -0.28 0.00	28.27 -0.23 0.00	28.71 -0.14 0.00	33.01 0.17 0.00	36.71 0.47 0.00	39.12 0.50 0.00	37.53 0.37 0.00	36.83 0.36 0.00	40.79 0.32 0.00	45.35 0.45 0.00	47.88 0.43 0.00	51.64 0.46 0.00	53.03 0.37 0.00	56.77 0.34 0.00	68.63 0.07 0.00	78.96 -0.64 0.00	80.20 -0.81 0.00	78.82 -0.72 0.00	75.10 0.23 0.00	62.33 0.68 0.34	54.35 0.77 1.16	47.43 0.76 1.00
V_CMP_10_SYNC_DSASP 323788	36.95 -0.30 0.00	33.41 -0.34 0.00	30.45 -0.34 0.00	28.24 -0.26 0.00	28.74 -0.11 0.00	33.14 0.29 0.00	36.85 0.62 0.00	39.39 0.77 0.00	37.83 0.67 0.00	37.16 0.69 0.00	41.15 0.69 0.00	45.84 0.94 0.00	48.12 0.66 0.00	51.84 0.66 0.00	53.29 0.63 0.00	57.05 0.62 0.00	68.98 0.41 0.00	79.59 0.00 0.00	80.93 -0.08 0.00	79.53 0.00 0.00	75.78 0.90 0.00	63.19 1.05 -0.15	56.26 0.99 -0.52	48.98 0.86 -0.45
V_D_10_SYNC_DSASP 323841	37.43 0.19 0.00	33.78 0.03 0.00	30.76 -0.03 0.00	28.50 0.00 0.00	28.91 0.06 0.00	33.31 0.46 0.00	37.14 0.91 0.00	39.54 0.93 0.00	37.90 0.74 0.00	37.19 0.73 0.00	41.15 0.69 0.00	45.84 0.94 0.00	48.45 1.00 0.00	52.25 1.08 0.00	53.65 1.00 0.00	57.38 0.96 0.00	69.05 0.48 0.00	79.52 -0.08 0.00	80.85 -0.16 0.00	79.53 0.00 0.00	75.85 0.97 0.00	66.64 1.49 -3.17	66.93 1.48 -10.71	58.29 1.43 -9.19
V_E_10_SYNC_DSASP 323830	40.00 2.76 0.00	36.28 2.53 0.00	33.12 2.34 0.00	30.70 2.19 0.00	31.08 2.22 0.00	35.15 2.30 0.00	38.85 2.61 0.00	41.32 2.70 0.00	39.05 1.89 0.00	38.03 1.57 0.00	41.96 1.50 0.00	46.96 2.07 0.00	49.87 2.42 0.00	54.46 3.28 0.00	56.29 3.63 0.00	60.77 4.35 0.00	74.12 5.55 0.00	87.40 7.80 0.00	90.81 9.80 0.00	89.72 10.18 0.00	83.41 8.53 0.00	68.62 6.64 0.00	60.06 5.31 0.00	52.15 4.48 0.00



V_F_30_NSYNC___DSASP 323816	38.85 1.60 0.00	35.16 1.42 0.00	32.11 1.32 0.00	29.70 1.20 0.00	30.04 1.18 0.00	34.09 1.25 0.00	37.40 1.16 0.00	39.89 1.27 0.00	38.38 1.22 0.00	37.56 1.09 0.00	41.56 1.09 0.00	45.72 1.12 0.30	48.60 1.19 0.04	52.61 1.43 0.00	54.18 1.53 0.00	58.12 1.69 0.00	71.03 2.46 0.00	83.65 4.06 0.00	85.46 4.45 0.00	84.06 4.53 0.00	78.77 3.89 0.00	64.84 2.85 0.00	56.99 2.25 0.00	49.44 1.76 0.00
V_F_30_SYNC_DSASP 323786	37.77 0.52 0.00	34.25 0.51 0.00	31.37 0.58 0.00	29.07 0.57 0.00	29.34 0.49 0.00	33.27 0.43 0.00	36.53 0.29 0.00	39.08 0.46 0.00	37.71 0.56 0.00	36.94 0.47 0.00	40.99 0.53 0.00	44.99 0.36 0.27	47.85 0.43 0.03	51.43 0.26 0.00	52.92 0.26 0.00	56.59 0.17 0.00	69.05 0.48 0.00	80.87 1.27 0.00	82.39 1.38 0.00	80.57 1.03 0.00	75.40 0.52 0.00	62.11 0.12 0.00	54.75 0.00 0.00	47.77 0.10 0.00
V_XM_10_SYNC_DSASP 323789	36.95 -0.30 0.00	33.41 -0.34 0.00	30.45 -0.34 0.00	28.24 -0.26 0.00	28.74 -0.11 0.00	33.14 0.29 0.00	36.85 0.62 0.00	39.39 0.77 0.00	37.83 0.67 0.00	37.16 0.69 0.00	41.15 0.69 0.00	45.84 0.94 0.00	48.12 0.66 0.00	51.84 0.66 0.00	53.29 0.63 0.00	57.05 0.62 0.00	68.98 0.41 0.00	79.59 0.00 0.00	80.93 -0.08 0.00	79.53 0.00 0.00	75.78 0.90 0.00	63.19 1.05 -0.15	56.26 0.99 -0.52	48.98 0.86 -0.45
W.BABYLN_69_KV_BK1 56697	40.08 2.83 0.00	36.07 2.33 0.00	32.76 1.97 0.00	30.15 1.65 0.00	30.38 1.53 0.00	34.69 1.84 0.00	37.98 1.74 0.00	41.21 2.59 0.00	40.28 3.12 0.00	39.56 3.10 0.00	44.35 3.88 0.00	48.71 3.50 -0.31	50.96 3.46 -0.04	53.99 2.81 0.00	54.97 2.32 0.00	58.91 2.48 0.00	71.99 3.43 0.00	84.85 5.25 0.00	85.79 4.78 0.00	82.54 3.02 0.01	69.72 2.02 7.18	62.90 0.93 0.01	50.31 0.71 5.15	49.48 1.81 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.88 1.64 0.00	35.09 1.35 0.00	32.02 1.23 0.00	29.61 1.11 0.00	29.86 1.01 0.00	33.90 1.05 0.00	37.32 1.09 0.00	40.24 1.62 0.00	38.98 1.82 0.00	38.40 1.93 0.00	42.73 2.27 0.00	47.44 2.24 -0.29	49.91 2.42 -0.04	53.48 2.30 0.00	54.81 2.16 0.00	58.57 2.14 0.00	71.58 3.02 0.00	83.73 4.14 0.00	84.90 3.89 0.00	82.79 3.26 0.00	77.05 2.17 0.00	63.10 1.12 0.00	55.84 1.09 0.00	48.82 1.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.03 1.79 0.00	35.23 1.48 0.00	32.14 1.35 0.00	29.75 1.25 0.00	29.95 1.10 0.00	34.03 1.18 0.00	37.54 1.30 0.00	40.51 1.89 0.00	39.42 2.27 0.00	38.84 2.37 0.00	43.22 2.75 0.00	47.86 2.65 -0.31	50.29 2.80 -0.04	53.84 2.66 0.00	55.18 2.53 0.00	58.91 2.48 0.00	71.86 3.29 0.00	84.05 4.46 0.00	85.06 4.05 0.00	82.95 3.42 0.00	77.27 2.40 0.00	63.10 1.12 0.00	56.06 1.31 0.00	49.05 1.38 0.00
W50THST__13_KV_LOAD 356117	39.22 1.97 0.00	35.40 1.65 0.00	32.29 1.51 0.00	29.87 1.37 0.00	30.09 1.24 0.00	34.19 1.35 0.00	37.72 1.49 0.00	40.70 2.09 0.00	39.65 2.49 0.00	39.05 2.59 0.00	43.50 3.03 0.00	48.17 2.96 -0.31	50.62 3.13 -0.04	54.20 3.02 0.00	55.55 2.90 0.00	59.30 2.88 0.00	72.41 3.84 0.00	84.61 5.01 0.00	85.63 4.62 0.00	83.43 3.90 0.00	77.65 2.77 0.00	63.41 1.43 0.00	56.33 1.59 0.00	49.29 1.62 0.00
WADING RIVER_IC_1 23522	39.29 2.05 0.00	35.33 1.59 0.00	32.05 1.26 0.00	29.53 1.02 0.00	29.72 0.86 0.00	34.00 1.15 0.00	37.14 0.91 0.00	40.40 1.78 0.00	39.42 2.27 0.00	38.83 2.37 0.00	43.47 2.99 -0.01	47.45 2.24 -0.31	49.01 1.52 -0.04	52.46 1.28 0.00	54.29 1.63 0.00	58.51 2.09 0.00	70.69 2.13 0.00	83.49 3.90 0.00	84.17 3.16 0.00	81.11 1.59 0.02	67.20 0.45 8.13	61.66 -0.31 0.02	48.37 -0.55 5.83	46.72 -0.95 0.00
WADING RIVER_IC_2 23547	39.29 2.05 0.00	35.33 1.59 0.00	32.05 1.26 0.00	29.53 1.02 0.00	29.72 0.86 0.00	34.00 1.15 0.00	37.14 0.91 0.00	40.40 1.78 0.00	39.42 2.27 0.00	38.83 2.37 0.00	43.47 2.99 -0.01	47.45 2.24 -0.31	49.01 1.52 -0.04	52.46 1.28 0.00	54.29 1.63 0.00	58.51 2.09 0.00	70.69 2.13 0.00	83.49 3.90 0.00	84.17 3.16 0.00	81.11 1.59 0.02	67.20 0.45 8.13	61.66 -0.31 0.02	48.37 -0.55 5.83	46.72 -0.95 0.00
WADING RIVER_IC_3 23601	39.29 2.05 0.00	35.33 1.59 0.00	32.05 1.26 0.00	29.53 1.02 0.00	29.72 0.86 0.00	34.00 1.15 0.00	37.14 0.91 0.00	40.40 1.78 0.00	39.42 2.27 0.00	38.83 2.37 0.00	43.47 2.99 -0.01	47.45 2.24 -0.31	49.01 1.52 -0.04	52.46 1.28 0.00	54.29 1.63 0.00	58.51 2.09 0.00	70.69 2.13 0.00	83.49 3.90 0.00	84.17 3.16 0.00	81.11 1.59 0.02	67.20 0.45 8.13	61.66 -0.31 0.02	48.37 -0.55 5.83	46.72 -0.95 0.00
WALDENNY_12_KV_BK2 80841	38.25 1.01 0.00	35.06 1.32 0.00	32.05 1.26 0.00	29.56 1.05 0.00	29.72 0.87 0.00	32.39 -0.46 0.00	35.04 -1.20 0.00	36.88 -1.74 0.00	35.45 -1.71 0.00	35.19 -1.28 0.00	38.85 -1.62 0.00	44.22 -0.67 0.00	46.41 -1.04 0.00	51.02 -0.15 0.00	53.13 0.47 0.00	57.38 0.96 0.00	68.02 -0.55 0.00	79.44 -0.16 0.00	80.93 -0.08 0.00	80.97 1.43 0.00	74.13 -0.75 0.00	61.80 -0.19 0.00	55.57 0.82 0.00	48.29 0.62 0.00
WALDEN__HYDRO 24148	38.66 1.42 0.00	34.92 1.18 0.00	31.86 1.08 0.00	29.50 1.00 0.00	29.75 0.89 0.00	33.77 0.92 0.00	37.18 0.94 0.00	39.97 1.35 0.00	38.61 1.45 0.00	38.00 1.53 0.00	42.29 1.82 0.00	46.94 1.80 -0.25	49.43 1.95 -0.03	53.07 1.89 0.00	54.50 1.84 0.00	58.34 1.92 0.00	71.38 2.81 0.00	83.49 3.90 0.00	84.82 3.81 0.00	82.79 3.26 0.00	77.12 2.25 0.00	63.23 1.24 0.00	55.90 1.15 0.00	48.77 1.10 0.00
WARRENSBURG____ 23737	38.70 1.45 0.00	35.03 1.28 0.00	31.96 1.17 0.00	29.56 1.05 0.00	29.89 1.04 0.00	34.00 1.15 0.00	37.29 1.05 0.00	39.70 1.08 0.00	38.23 1.08 0.00	37.41 0.95 0.00	41.15 0.69 0.00	45.37 0.76 0.29	48.18 0.76 0.03	52.10 0.92 0.00	53.71 1.05 0.00	57.67 1.24 0.00	70.62 2.06 0.00	83.42 3.82 0.00	86.03 5.02 0.00	84.46 4.93 0.00	79.37 4.49 0.00	65.21 3.22 0.00	57.21 2.46 0.00	49.53 1.86 0.00
WATERSIDE____6 8 9 23538	39.26 2.01 0.00	35.43 1.69 0.00	32.33 1.54 0.00	29.90 1.40 0.00	30.12 1.27 0.00	34.19 1.35 0.00	37.65 1.41 0.00	40.51 1.89 0.00	39.50 2.34 0.00	38.94 2.48 0.00	43.38 2.91 0.00	47.86 2.65 -0.31	50.20 2.70 -0.04	53.69 2.51 0.00	55.08 2.42 0.00	58.46 2.03 0.00	71.38 2.81 0.00	83.42 3.82 0.00	84.50 3.48 0.00	82.40 2.86 0.00	76.75 1.87 0.00	62.73 0.74 0.00	55.95 1.20 0.00	49.10 1.43 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.13 -0.11 0.00	33.64 -0.10 0.00	30.72 -0.06 0.00	28.44 -0.06 0.00	28.80 -0.06 0.00	32.75 -0.10 0.00	36.09 -0.14 0.00	38.50 -0.12 0.00	37.01 -0.15 0.00	36.28 -0.18 0.00	40.26 -0.20 0.00	44.67 -0.22 0.00	47.26 -0.19 0.00	51.02 -0.15 0.00	52.50 -0.16 0.00	56.26 -0.17 0.00	68.43 -0.14 0.00	79.67 0.08 0.00	81.17 0.16 0.00	79.61 0.08 0.00	74.80 -0.07 0.00	61.86 -0.12 0.00	54.53 -0.22 0.00	47.48 -0.19 0.00

WDELAWARE___HYD 323627	38.47 1.23 0.00	34.76 1.01 0.00	31.68 0.89 0.00	29.33 0.83 0.00	29.57 0.72 0.00	33.60 0.76 0.00	37.03 0.80 0.00	39.82 1.20 0.00	38.27 1.11 0.00	37.71 1.24 0.00	41.88 1.42 0.00	46.53 1.44 -0.20	49.00 1.52 -0.02	52.86 1.69 0.00	54.39 1.74 0.00	58.34 1.92 0.00	71.44 2.88 0.00	83.65 4.06 0.00	84.98 3.97 0.00	83.27 3.74 0.00	77.57 2.69 0.00	63.54 1.55 0.00	56.06 1.31 0.00	48.63 0.95 0.00
WEST BABYLON___IC 23714	40.08 2.83 0.00	36.07 2.33 0.00	32.76 1.97 0.00	30.15 1.65 0.00	30.38 1.53 0.00	34.69 1.84 0.00	37.98 1.74 0.00	41.21 2.59 0.00	40.28 3.12 0.00	39.56 3.10 0.00	44.35 3.88 0.00	48.71 3.50 -0.31	50.96 3.46 -0.04	53.99 2.81 0.00	54.97 2.32 0.00	58.91 2.48 0.00	71.99 3.43 0.00	84.85 5.25 0.00	85.79 4.78 0.00	82.54 3.02 0.01	69.72 2.02 7.18	62.90 0.93 0.01	50.31 0.71 5.15	49.48 1.81 0.00
WEST CANADA___HYD 24049	37.32 0.07 0.00	33.85 0.10 0.00	30.91 0.12 0.00	28.61 0.11 0.00	28.94 0.09 0.00	32.91 0.07 0.00	36.24 0.00 0.00	38.66 0.04 0.00	37.19 0.04 0.00	36.50 0.04 0.00	40.51 0.04 0.00	44.90 0.00 0.00	47.45 0.00 0.00	51.23 0.05 0.00	52.71 0.05 0.00	56.48 0.06 0.00	68.70 0.14 0.00	79.99 0.40 0.00	81.42 0.41 0.00	79.93 0.40 0.00	75.03 0.15 0.00	62.05 0.06 0.00	54.75 0.00 0.00	47.67 0.00 0.00
WESTERN_NY_WIND 24143	38.77 1.53 0.00	35.53 1.79 0.00	32.45 1.66 0.00	29.95 1.45 0.00	30.15 1.30 0.00	33.04 0.20 0.00	35.69 -0.54 0.00	37.65 -0.97 0.00	36.04 -1.11 0.00	35.59 -0.88 0.00	39.37 -1.09 0.00	44.67 -0.22 0.00	47.07 -0.38 0.00	51.74 0.56 0.00	53.87 1.21 0.00	58.12 1.69 0.00	69.32 0.75 0.00	81.19 1.59 0.00	83.04 2.03 0.00	82.95 3.42 0.00	76.45 1.57 0.00	63.41 1.43 0.00	56.61 1.86 0.00	49.20 1.53 0.00
WESTOVER___LESR 323668	37.73 0.48 0.00	34.32 0.57 0.00	31.34 0.55 0.00	28.99 0.48 0.00	29.26 0.40 0.00	32.88 0.03 0.00	36.16 -0.07 0.00	38.46 -0.15 0.00	36.90 -0.26 0.00	36.28 -0.18 0.00	40.22 -0.24 0.00	44.94 0.04 0.00	47.45 0.00 0.00	51.48 0.31 0.00	53.18 0.53 0.00	57.16 0.73 0.00	69.18 0.62 0.00	80.87 1.27 0.00	82.55 1.54 0.00	81.44 1.91 0.00	75.78 0.90 0.00	62.67 0.68 0.00	55.40 0.66 0.00	48.01 0.33 0.00
WETHRSFD_WT_PWR 323626	38.10 0.86 0.00	34.89 1.15 0.00	31.86 1.08 0.00	29.41 0.91 0.00	29.63 0.78 0.00	32.45 -0.39 0.00	35.26 -0.98 0.00	37.07 -1.55 0.00	35.67 -1.49 0.00	35.01 -1.46 0.00	38.85 -1.62 0.00	43.82 -1.08 0.00	46.74 -0.71 0.00	50.51 -0.67 0.00	52.39 -0.26 0.00	56.37 -0.06 0.00	67.40 -1.17 0.00	78.96 -0.64 0.00	82.55 1.54 0.00	80.80 1.27 0.00	74.36 -0.52 0.00	61.86 -0.12 0.00	55.41 0.66 0.00	48.77 1.10 0.00
WHAVSTOR_138KV_BK127 55557	38.70 1.45 0.00	34.92 1.18 0.00	31.86 1.08 0.00	29.50 1.00 0.00	29.72 0.87 0.00	33.73 0.89 0.00	37.18 0.94 0.00	40.05 1.43 0.00	38.87 1.71 0.00	38.22 1.75 0.00	42.53 2.06 0.00	47.17 1.98 -0.29	49.62 2.14 -0.04	53.12 1.94 0.00	54.45 1.79 0.00	58.17 1.75 0.00	71.03 2.47 0.00	83.10 3.50 0.00	84.25 3.24 0.00	82.24 2.70 0.00	76.53 1.65 0.00	62.67 0.68 0.00	55.51 0.77 0.00	48.53 0.86 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.70 1.45 0.00	34.92 1.18 0.00	31.86 1.08 0.00	29.50 1.00 0.00	29.72 0.87 0.00	33.73 0.89 0.00	37.18 0.94 0.00	40.05 1.43 0.00	38.87 1.71 0.00	38.22 1.75 0.00	42.53 2.06 0.00	47.17 1.98 -0.29	49.62 2.14 -0.04	53.12 1.94 0.00	54.45 1.79 0.00	58.17 1.75 0.00	71.03 2.47 0.00	83.10 3.50 0.00	84.25 3.24 0.00	82.24 2.70 0.00	76.53 1.65 0.00	62.67 0.68 0.00	55.51 0.77 0.00	48.53 0.86 0.00
WHITEHAL_115KV_TB1 80871	39.37 2.12 0.00	35.60 1.86 0.00	32.45 1.66 0.00	29.98 1.48 0.00	30.38 1.53 0.00	34.52 1.68 0.00	37.87 1.63 0.00	40.28 1.66 0.00	38.72 1.56 0.00	37.89 1.42 0.00	41.68 1.21 0.00	46.00 1.39 0.29	48.84 1.42 0.04	52.97 1.79 0.00	54.60 1.95 0.00	58.68 2.26 0.00	71.99 3.43 0.00	85.48 5.89 0.00	88.22 7.21 0.00	86.77 7.24 0.00	81.47 6.59 0.00	66.82 4.83 0.00	58.52 3.78 0.00	50.53 2.86 0.00
WHITEPLN_13_KV_LOAD 356215	39.18 1.94 0.00	35.40 1.65 0.00	32.29 1.51 0.00	29.84 1.34 0.00	30.09 1.24 0.00	34.19 1.35 0.00	37.61 1.38 0.00	40.59 1.97 0.00	39.68 2.53 0.00	38.91 2.44 0.00	43.30 2.83 0.00	48.08 2.87 -0.31	50.62 3.13 -0.04	54.25 3.07 0.00	55.60 2.95 0.00	59.42 2.99 0.00	72.54 3.98 0.00	84.93 5.33 0.00	86.20 5.18 0.00	83.91 4.37 0.00	78.17 3.29 0.00	63.85 1.86 0.00	56.50 1.75 0.00	49.39 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	39.63 2.38 0.00	35.63 1.89 0.00	32.36 1.57 0.00	29.78 1.28 0.00	30.01 1.15 0.00	34.29 1.45 0.00	37.51 1.27 0.00	40.74 2.12 0.00	39.87 2.71 0.00	39.16 2.70 0.00	43.82 3.36 0.00	48.26 3.05 -0.31	50.48 2.99 -0.04	53.48 2.30 0.00	54.29 1.63 0.00	58.12 1.69 0.00	71.17 2.61 0.00	84.05 4.46 0.00	84.98 3.97 0.00	81.67 2.15 0.02	67.82 1.05 8.11	62.09 0.12 0.02	48.88 -0.05 5.82	48.86 1.19 0.00
WOODARD__115KV_TB2 355635	36.91 -0.34 0.00	33.64 -0.10 0.00	30.79 0.00 0.00	28.44 -0.06 0.00	28.77 -0.09 0.00	32.52 -0.33 0.00	35.80 -0.43 0.00	37.96 -0.66 0.00	36.45 -0.71 0.00	35.81 -0.66 0.00	39.78 -0.69 0.00	44.31 -0.58 0.00	46.84 -0.62 0.00	50.77 -0.41 0.00	52.34 -0.32 0.00	56.20 -0.23 0.00	68.22 -0.34 0.00	79.59 0.00 0.00	81.17 0.16 0.00	79.93 0.40 0.00	74.73 -0.15 0.00	61.68 -0.31 0.00	54.36 -0.38 0.00	47.15 -0.52 0.00
WOODMERE_69_KV_BK1 55827	39.89 2.64 0.00	35.90 2.16 0.00	32.66 1.88 0.00	30.07 1.57 0.00	30.30 1.44 0.00	34.55 1.71 0.00	37.87 1.63 0.00	41.05 2.43 0.00	40.05 2.90 0.00	39.38 2.92 0.00	44.11 3.64 0.00	48.71 3.50 -0.31	51.10 3.61 -0.04	54.30 3.12 0.00	55.45 2.79 0.00	59.42 2.99 0.00	72.68 4.11 0.00	85.49 5.89 0.00	86.44 5.43 0.00	83.66 4.14 0.01	76.95 2.92 0.85	63.59 1.61 0.01	55.45 1.31 0.61	49.63 1.95 0.00
YORK___WARBASSE 23770	39.33 2.09 0.00	35.46 1.72 0.00	32.36 1.57 0.00	29.93 1.43 0.00	30.12 1.27 0.00	34.23 1.38 0.00	37.69 1.45 0.00	40.51 1.89 0.00	39.53 2.38 0.00	38.98 2.52 0.00	43.42 2.95 0.00	47.86 2.65 -0.31	50.15 2.66 -0.04	53.69 2.51 0.00	55.13 2.47 0.00	58.46 2.03 0.00	71.45 2.88 0.00	83.57 3.98 0.00	84.66 3.65 0.00	82.56 3.02 0.00	76.90 2.02 0.00	62.85 0.87 0.00	56.01 1.26 0.00	49.10 1.43 0.00