

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/21/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	23.85	22.74	21.13	20.52	21.40	25.17	35.89	45.41	40.50	30.91	28.33	27.96	28.46	29.49	30.68	35.45	42.08	56.00	61.79	52.95	42.83	36.55	31.87	28.86
24138	1.56	1.41	1.27	1.20	1.21	1.69	2.32	3.09	2.96	2.32	2.27	2.40	2.54	2.66	2.66	3.11	3.40	4.53	5.41	3.88	3.10	2.42	2.20	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.89	22.78	21.19	20.57	21.46	25.21	35.93	45.46	40.58	30.94	28.36	27.99	28.49	29.55	30.70	35.35	41.89	55.80	61.67	52.75	42.75	36.51	31.81	28.94
24260	1.60	1.45	1.33	1.26	1.27	1.74	2.35	3.13	3.04	2.35	2.29	2.43	2.57	2.71	2.69	3.01	3.21	4.32	5.30	3.68	3.02	2.39	2.14	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.89	22.78	21.19	20.57	21.46	25.21	35.93	45.46	40.58	30.94	28.36	27.99	28.49	29.55	30.70	35.35	41.89	55.80	61.67	52.75	42.75	36.51	31.81	28.94
24261	1.60	1.45	1.33	1.26	1.27	1.74	2.35	3.13	3.04	2.35	2.29	2.43	2.57	2.71	2.69	3.01	3.21	4.32	5.30	3.68	3.02	2.39	2.14	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.16	22.23	20.57	20.01	21.04	24.84	35.53	44.95	39.90	29.97	27.13	26.58	27.09	27.96	29.25	33.89	40.81	54.61	60.60	52.16	42.11	36.10	31.22	28.32
24011	0.87	0.90	0.71	0.70	0.85	1.36	1.95	2.62	2.36	1.37	1.07	1.02	1.17	1.13	1.23	1.55	2.13	3.14	4.23	3.09	2.38	1.98	1.54	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.20	22.29	20.61	20.05	21.10	24.91	35.66	45.16	40.09	30.09	27.21	26.66	27.17	28.02	29.33	34.09	41.08	55.08	61.00	52.61	42.39	36.31	31.40	28.40
23798	0.91	0.96	0.75	0.73	0.91	1.43	2.08	2.84	2.55	1.49	1.15	1.10	1.24	1.18	1.32	1.75	2.40	3.60	4.62	3.54	2.66	2.19	1.72	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.16	22.23	20.57	20.01	21.04	24.84	35.53	44.95	39.90	29.97</														

ALBANY___2 23572	22.56 0.27 0.00	21.59 0.26 0.00	20.13 0.28 0.00	19.59 0.27 0.00	20.47 0.28 0.00	24.09 0.61 0.00	34.35 0.77 0.00	43.43 1.10 0.00	38.55 1.01 0.00	29.14 0.54 0.00	26.59 0.52 0.00	26.05 0.49 0.00	26.49 0.57 0.00	27.40 0.56 0.00	28.60 0.59 0.00	33.08 0.74 0.00	39.69 1.01 0.00	52.91 1.44 0.00	58.46 2.09 0.00	50.25 1.18 0.00	40.68 0.95 0.00	34.87 0.75 0.00	30.27 0.59 0.00	27.54 0.54 0.00
ALBANY___3 23573	22.56 0.27 0.00	21.59 0.26 0.00	20.13 0.28 0.00	19.59 0.27 0.00	20.47 0.28 0.00	24.09 0.61 0.00	34.35 0.77 0.00	43.43 1.10 0.00	38.55 1.01 0.00	29.14 0.54 0.00	26.59 0.52 0.00	26.05 0.49 0.00	26.49 0.57 0.00	27.40 0.56 0.00	28.60 0.59 0.00	33.08 0.74 0.00	39.69 1.01 0.00	52.91 1.44 0.00	58.46 2.09 0.00	50.25 1.18 0.00	40.68 0.95 0.00	34.87 0.75 0.00	30.27 0.59 0.00	27.54 0.54 0.00
ALBANY___4 23574	22.56 0.27 0.00	21.59 0.26 0.00	20.13 0.28 0.00	19.59 0.27 0.00	20.47 0.28 0.00	24.09 0.61 0.00	34.35 0.77 0.00	43.43 1.10 0.00	38.55 1.01 0.00	29.14 0.54 0.00	26.59 0.52 0.00	26.05 0.49 0.00	26.49 0.57 0.00	27.40 0.56 0.00	28.60 0.59 0.00	33.08 0.74 0.00	39.69 1.01 0.00	52.91 1.44 0.00	58.46 2.09 0.00	50.25 1.18 0.00	40.68 0.95 0.00	34.87 0.75 0.00	30.27 0.59 0.00	27.54 0.54 0.00
ALBANY___LFGE 323615	22.76 0.47 0.00	21.78 0.45 0.00	20.29 0.44 0.00	19.76 0.44 0.00	20.65 0.46 0.00	24.30 0.82 0.00	34.68 1.11 0.00	43.85 1.52 0.00	38.93 1.39 0.00	29.43 0.83 0.00	26.82 0.76 0.00	26.28 0.71 0.00	26.73 0.80 0.00	27.64 0.80 0.00	28.85 0.84 0.00	33.47 1.13 0.00	40.19 1.51 0.00	53.63 2.16 0.00	59.14 2.76 0.00	50.94 1.86 0.00	41.20 1.47 0.00	35.28 1.16 0.00	30.62 0.95 0.00	27.78 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	22.90 -0.27 -0.88	22.01 -0.17 -0.85	20.44 -0.22 -0.80	19.89 -0.21 -0.79	20.56 -0.22 -0.59	23.15 -0.33 0.00	33.31 -0.27 0.00	41.99 -0.34 0.00	37.35 -0.19 0.00	28.43 -0.17 0.00	25.86 -0.21 0.00	25.36 -0.20 0.00	25.69 -0.23 0.00	26.62 -0.21 0.00	27.82 -0.20 0.00	32.18 -0.16 0.00	38.83 0.15 0.00	51.94 0.46 0.00	56.21 -0.17 0.00	49.32 0.25 0.00	40.04 0.32 0.00	34.33 0.20 0.00	29.88 0.21 0.00	27.29 0.30 0.00
ALCOA_RYNLDS___DRP 24188	22.90 -0.27 -0.88	22.01 -0.17 -0.85	20.44 -0.22 -0.80	19.89 -0.21 -0.79	20.56 -0.22 -0.59	23.15 -0.33 0.00	33.31 -0.27 0.00	41.99 -0.34 0.00	37.35 -0.19 0.00	28.43 -0.17 0.00	25.86 -0.21 0.00	25.36 -0.20 0.00	25.69 -0.23 0.00	26.62 -0.21 0.00	27.82 -0.20 0.00	32.18 -0.16 0.00	38.83 0.15 0.00	51.94 0.46 0.00	56.21 -0.17 0.00	49.32 0.25 0.00	40.04 0.32 0.00	34.33 0.20 0.00	29.88 0.21 0.00	27.29 0.30 0.00
ALCOA___DSASP 323711	22.90 -0.27 -0.88	22.01 -0.17 -0.85	20.44 -0.22 -0.80	19.90 -0.21 -0.79	20.56 -0.22 -0.59	23.15 -0.33 0.00	33.31 -0.27 0.00	41.99 -0.34 0.00	37.35 -0.19 0.00	28.43 -0.17 0.00	25.85 -0.21 0.00	25.36 -0.21 0.00	25.69 -0.23 0.00	26.62 -0.22 0.00	27.82 -0.19 0.00	31.99 -0.36 0.00	38.45 -0.23 0.00	51.42 -0.05 0.00	55.81 -0.56 0.00	48.83 -0.24 0.00	39.65 -0.08 0.00	34.12 0.00 0.00	29.71 0.03 0.00	27.30 0.30 0.00
ALLEGHENY___COGEN 23514	22.09 -0.20 0.00	21.14 -0.19 0.00	19.72 -0.14 0.00	19.20 -0.12 0.00	20.15 -0.04 0.00	23.71 0.23 0.00	34.49 0.91 0.00	43.34 1.01 0.00	38.36 0.82 0.00	29.46 0.86 0.00	26.79 0.73 0.00	26.10 0.54 0.00	26.26 0.34 0.00	27.37 0.54 0.00	28.66 0.64 0.00	32.89 0.55 0.00	39.41 0.73 0.00	52.09 0.62 0.00	58.69 2.31 0.00	50.61 1.57 0.04	41.00 1.27 0.00	35.28 1.16 0.00	30.54 0.86 0.00	27.70 0.70 0.00
ALTAMONT_115KV_TB 2 55880	22.82 0.53 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.76 0.44 0.00	20.67 0.48 0.00	24.35 0.87 0.00	34.75 1.18 0.00	43.89 1.57 0.00	38.96 1.43 0.00	29.51 0.92 0.00	26.92 0.86 0.00	26.41 0.84 0.00	26.86 0.93 0.00	27.78 0.94 0.00	28.97 0.95 0.00	33.51 1.16 0.00	40.11 1.43 0.00	53.48 2.01 0.00	59.02 2.65 0.00	50.79 1.72 0.00	41.16 1.43 0.00	35.28 1.16 0.00	30.65 0.98 0.00	27.89 0.89 0.00
ALTONA_WT_PWR 323606	-7.00 -0.76 28.53	-7.00 -0.68 27.65	-7.02 -0.70 26.18	-7.02 -0.68 25.66	0.20 -0.71 19.28	22.59 -0.89 0.00	32.60 -0.97 0.00	41.14 -1.18 0.00	36.71 -0.83 0.00	28.09 -0.51 0.00	25.62 -0.44 0.00	25.15 -0.41 0.00	25.51 -0.42 0.00	26.52 -0.32 0.00	27.73 -0.28 0.00	31.14 -1.20 0.00	37.02 -1.66 0.00	49.78 -1.70 0.00	53.90 -2.48 0.00	46.96 -2.11 0.00	38.06 -1.67 0.00	33.41 -0.72 0.00	29.11 -0.56 0.00	27.51 0.51 0.00
AMERICAN_REF_FUEL 24010	20.80 -1.49 0.00	19.97 -1.37 0.00	18.62 -1.23 0.00	18.16 -1.16 0.00	19.02 -1.17 0.00	22.30 -1.17 0.00	32.07 -1.51 0.00	39.79 -2.54 0.00	35.25 -2.29 0.00	27.54 -1.06 0.00	25.41 -0.65 0.00	24.85 -0.72 0.00	25.15 -0.78 0.00	26.09 -0.75 0.00	27.14 -0.87 0.00	30.85 -1.49 0.00	36.48 -2.20 0.00	46.84 -4.63 0.00	52.60 -3.78 0.00	45.45 -3.58 0.04	37.07 -2.66 0.00	32.28 -1.84 0.00	28.16 -1.51 0.00	25.78 -1.21 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.20 -1.09 0.00	20.33 -1.00 0.00	18.98 -0.87 0.00	18.49 -0.83 0.00	19.40 -0.79 0.00	22.82 -0.66 0.00	32.94 -0.64 0.00	41.19 -1.14 0.00	36.64 -0.90 0.00	28.66 0.06 0.00	26.66 0.60 0.00	26.17 0.61 0.00	26.44 0.52 0.00	27.45 0.62 0.00	28.52 0.50 0.00	32.37 0.03 0.00	38.29 -0.39 0.00	49.52 -1.96 0.00	55.53 -0.84 0.00	47.12 -1.91 0.04	38.61 -1.11 0.00	33.54 -0.58 0.00	29.32 -0.35 0.00	26.73 -0.27 0.00
ARTHUR KILL_GT_1 23520	23.99 1.69 -0.01	22.83 1.49 -0.01	21.25 1.39 -0.01	20.64 1.31 -0.01	21.53 1.33 -0.01	25.32 1.83 -0.01	35.63 2.05 0.00	44.93 2.63 0.02	37.15 2.63 3.01	30.69 2.09 -0.01	28.10 2.03 0.00	27.73 2.17 0.00	28.28 2.36 0.00	29.39 2.55 0.00	30.56 2.55 0.00	35.31 2.97 0.01	39.72 3.05 2.02	55.38 3.91 0.01	61.10 4.74 0.01	52.35 3.29 0.01	42.34 2.62 0.01	36.24 2.12 0.00	32.12 2.43 -0.01	29.14 2.13 -0.01
ARTHUR_KILL_2 23512	23.92 1.63 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.60 1.27 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.56 1.98 0.00	44.80 2.50 0.02	37.04 2.52 3.01	30.61 2.00 -0.01	28.02 1.96 0.00	27.66 2.10 0.00	28.20 2.28 0.00	29.30 2.47 0.00	30.48 2.47 0.00	35.21 2.88 0.01	39.60 2.94 2.02	55.17 3.71 0.01	60.88 4.51 0.01	52.21 3.14 0.01	42.22 2.50 0.01	36.14 2.01 0.00	32.03 2.34 -0.01	29.08 2.08 -0.01
ARTHUR_KILL_3 23513	23.67 1.38 0.00	22.57 1.24 0.00	20.99 1.13 0.00	20.40 1.08 0.00	21.26 1.07 0.00	24.98 1.50 0.00	35.56 1.98 0.00	44.98 2.67 0.01	37.12 2.59 3.00	30.63 2.03 0.00	28.12 2.06 0.00	27.73 2.17 0.00	28.23 2.31 0.00	29.25 2.42 0.00	30.39 2.38 0.00	35.15 2.81 0.00	39.65 2.98 2.01	55.44 3.96 0.00	61.16 4.79 0.00	52.46 3.38 0.00	42.43 2.70 0.00	36.28 2.15 0.00	31.60 1.93 0.00	28.64 1.65 0.00

ARTHUR_KILL_COGEN 323718	23.99 1.69 -0.01	22.83 1.49 -0.01	21.25 1.39 -0.01	20.64 1.31 -0.01	21.53 1.33 -0.01	25.32 1.83 -0.01	35.63 2.05 0.00	44.93 2.63 0.02	37.15 2.63 3.01	30.69 2.09 -0.01	28.10 2.03 0.00	27.73 2.17 0.00	28.28 2.36 0.00	29.39 2.55 0.00	30.56 2.55 0.00	35.31 2.97 0.01	39.72 3.05 2.02	55.38 3.91 0.01	61.10 4.74 0.01	52.35 3.29 0.01	42.34 2.62 0.01	36.24 2.12 0.00	32.12 2.43 -0.01	29.14 2.13 -0.01
ASHOKAN____ 23654	23.02 0.73 0.00	22.01 0.68 0.00	20.51 0.65 0.00	19.98 0.66 0.00	20.90 0.71 0.00	24.54 1.06 0.00	35.19 1.61 0.00	44.57 2.24 0.00	39.26 1.73 0.00	29.43 0.83 0.00	26.61 0.55 0.00	26.02 0.46 0.00	26.47 0.55 0.00	27.29 0.46 0.00	28.71 0.70 0.00	33.54 1.20 0.00	40.34 1.66 0.00	54.25 2.78 0.00	60.09 3.72 0.00	51.57 2.50 0.00	41.52 1.79 0.00	35.45 1.33 0.00	30.74 1.07 0.00	28.00 1.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.75 1.45 -0.01	22.72 1.39 -0.01	21.14 1.27 -0.01	20.53 1.20 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.01	40.31 2.78 0.01	30.82 2.23 0.01	28.19 2.14 0.01	27.83 2.27 0.01	28.35 2.44 0.01	29.38 2.55 0.01	30.55 2.55 0.01	35.31 2.97 0.01	41.69 3.02 0.01	55.38 3.91 0.01	61.04 4.68 0.01	52.40 3.34 0.01	42.38 2.66 0.01	36.23 2.12 0.01	31.91 2.23 -0.01	28.89 1.89 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	23.68 1.38 -0.01	22.72 1.39 -0.01	21.14 1.27 -0.01	20.53 1.20 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.01	40.31 2.78 0.01	30.82 2.23 0.01	28.19 2.14 0.01	27.83 2.27 0.01	28.35 2.44 0.01	29.38 2.55 0.01	30.55 2.55 0.01	35.31 2.97 0.01	41.69 3.02 0.01	55.38 3.91 0.01	61.04 4.68 0.01	52.40 3.34 0.01	42.38 2.66 0.01	36.20 2.08 0.01	31.91 2.23 -0.01	28.89 1.89 -0.01
ASTORIA_GT2_1 24094	23.77 1.47 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.17 2.05 0.00	31.79 2.11 -0.01	28.95 1.94 -0.01
ASTORIA_GT2_2 24095	23.77 1.47 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.17 2.05 0.00	31.79 2.11 -0.01	28.95 1.94 -0.01
ASTORIA_GT2_3 24096	23.77 1.47 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.17 2.05 0.00	31.79 2.11 -0.01	28.95 1.94 -0.01
ASTORIA_GT2_4 24097	23.77 1.47 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.17 2.05 0.00	31.79 2.11 -0.01	28.95 1.94 -0.01
ASTORIA_GT3_1 24098	23.68 1.38 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.14 2.01 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
ASTORIA_GT3_2 24099	23.68 1.38 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.14 2.01 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
ASTORIA_GT3_3 24100	23.68 1.38 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.14 2.01 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
ASTORIA_GT3_4 24101	23.68 1.38 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.14 2.01 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
ASTORIA_GT4_1 24102	23.68 1.38 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.14 2.01 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
ASTORIA_GT4_2 24103	23.68 1.38 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.14 2.01 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
ASTORIA_GT4_3 24104	23.68 1.38 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.14 2.01 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01

ASTORIA_GT4_4 24105	23.68 1.38 -0.01	22.75 1.41 -0.01	21.13 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.00	40.28 2.74 0.00	30.82 2.23 0.01	28.20 2.14 0.00	27.84 2.28 0.00	28.36 2.44 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.19 2.85 0.00	41.46 2.78 0.00	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.14 2.01 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
ASTORIA_GT_1 23523	23.77 1.47 -0.01	22.77 1.43 -0.01	21.17 1.31 -0.01	20.56 1.24 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.79 2.22 0.00	45.07 2.75 0.01	40.38 2.85 0.01	30.88 2.29 0.01	28.25 2.19 0.01	27.88 2.33 0.01	28.40 2.49 0.01	29.46 2.63 0.01	30.64 2.63 0.01	35.41 3.07 0.01	41.80 3.13 0.01	55.53 4.07 0.01	61.22 4.85 0.01	52.50 3.43 0.01	42.50 2.78 0.01	36.30 2.19 0.01	31.97 2.29 -0.01	28.95 1.94 -0.01
ASTORIA_GT_10 24110	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.20 2.88 0.00	40.39 2.85 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.58 2.90 0.00	55.33 3.86 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.39 2.66 0.00	36.31 2.18 0.00	31.76 2.08 -0.01	28.92 1.92 -0.01
ASTORIA_GT_11 24225	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.20 2.88 0.00	40.39 2.85 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.58 2.90 0.00	55.33 3.86 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.39 2.66 0.00	36.31 2.18 0.00	31.76 2.08 -0.01	28.92 1.92 -0.01
ASTORIA_GT_12 24226	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.20 2.88 0.00	40.39 2.85 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.58 2.90 0.00	55.33 3.86 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.39 2.66 0.00	36.31 2.18 0.00	31.76 2.08 -0.01	28.92 1.92 -0.01
ASTORIA_GT_13 24227	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.20 2.88 0.00	40.39 2.85 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.58 2.90 0.00	55.33 3.86 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.39 2.66 0.00	36.31 2.18 0.00	31.76 2.08 -0.01	28.92 1.92 -0.01
ASTORIA_GT_5 24106	23.77 1.47 -0.01	22.77 1.43 -0.01	21.17 1.31 -0.01	20.56 1.24 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.79 2.22 0.00	45.08 2.75 0.00	40.35 2.82 0.00	30.88 2.29 0.01	28.25 2.19 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.49 2.66 0.00	30.65 2.63 0.00	35.25 2.91 0.00	41.54 2.86 0.00	55.28 3.81 0.00	61.11 4.74 0.00	52.26 3.19 0.00	42.35 2.62 0.00	36.21 2.08 0.00	31.85 2.17 -0.01	28.98 1.97 -0.01
ASTORIA_GT_7 24107	23.77 1.47 -0.01	22.77 1.43 -0.01	21.17 1.31 -0.01	20.56 1.24 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.79 2.22 0.00	45.08 2.75 0.00	40.35 2.82 0.00	30.88 2.29 0.01	28.25 2.19 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.49 2.66 0.00	30.65 2.63 0.00	35.25 2.91 0.00	41.54 2.86 0.00	55.28 3.81 0.00	61.11 4.74 0.00	52.26 3.19 0.00	42.35 2.62 0.00	36.21 2.08 0.00	31.85 2.17 -0.01	28.98 1.97 -0.01
ASTORIA_GT_8 24108	23.77 1.47 -0.01	22.77 1.43 -0.01	21.17 1.31 -0.01	20.56 1.24 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.79 2.22 0.00	45.08 2.75 0.00	40.35 2.82 0.00	30.88 2.29 0.01	28.25 2.19 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.49 2.66 0.00	30.65 2.63 0.00	35.25 2.91 0.00	41.54 2.86 0.00	55.28 3.81 0.00	61.11 4.74 0.00	52.26 3.19 0.00	42.35 2.62 0.00	36.21 2.08 0.00	31.85 2.17 -0.01	28.98 1.97 -0.01
ASTORIA___2 24149	23.68 1.38 -0.01	22.75 1.41 -0.01	21.14 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.01	40.31 2.78 0.01	30.82 2.23 0.01	28.19 2.14 0.01	27.83 2.27 0.01	28.35 2.44 0.01	29.41 2.58 0.01	30.58 2.58 0.01	35.34 3.01 0.01	41.73 3.05 0.01	55.38 3.91 0.01	61.10 4.74 0.01	52.40 3.34 0.01	42.42 2.70 0.01	36.23 2.12 0.01	31.91 2.23 -0.01	28.89 1.89 -0.01
ASTORIA___3 23516	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.21 2.88 0.00	40.43 2.89 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.59 2.58 0.00	35.38 3.04 0.00	41.85 3.17 0.00	55.54 4.07 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.51 2.78 0.00	36.38 2.25 0.00	31.88 2.20 -0.01	28.89 1.89 -0.01
ASTORIA___4 23517	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.20 2.88 0.00	40.39 2.85 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.58 2.90 0.00	55.33 3.86 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.39 2.66 0.00	36.31 2.18 0.00	31.76 2.08 -0.01	28.92 1.92 -0.01
ASTORIA___5 23518	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.21 2.88 0.00	40.43 2.89 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.59 2.58 0.00	35.38 3.04 0.00	41.85 3.17 0.00	55.54 4.07 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.51 2.78 0.00	36.38 2.25 0.00	31.88 2.20 -0.01	28.89 1.89 -0.01
AST_ENERGY_2_CC3 323677	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.17 2.11 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.33 2.50 0.00	30.51 2.49 0.00	35.25 2.91 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
AST_ENERGY_2_CC4 323678	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.17 2.11 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.33 2.50 0.00	30.51 2.49 0.00	35.25 2.91 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00

ATHENS_STG_1 23668	23.00 0.71 0.00	21.97 0.64 0.00	20.45 0.60 0.00	19.88 0.56 0.00	20.75 0.56 0.00	24.44 0.96 0.00	34.85 1.28 0.00	44.02 1.69 0.00	39.15 1.61 0.00	29.74 1.15 0.00	27.18 1.12 0.00	26.71 1.15 0.00	27.17 1.24 0.00	28.10 1.26 0.00	29.30 1.29 0.00	33.89 1.55 0.00	40.50 1.82 0.00	53.99 2.52 0.00	59.42 3.04 0.00	51.23 2.16 0.00	41.43 1.71 0.00	35.49 1.37 0.00	30.86 1.19 0.00	28.00 1.00 0.00
ATHENS_STG_2 23670	23.00 0.71 0.00	21.97 0.64 0.00	20.45 0.60 0.00	19.88 0.56 0.00	20.75 0.56 0.00	24.44 0.96 0.00	34.85 1.28 0.00	44.02 1.69 0.00	39.15 1.61 0.00	29.74 1.15 0.00	27.18 1.12 0.00	26.71 1.15 0.00	27.17 1.24 0.00	28.10 1.26 0.00	29.30 1.29 0.00	33.89 1.55 0.00	40.50 1.82 0.00	53.99 2.52 0.00	59.42 3.04 0.00	51.23 2.16 0.00	41.43 1.71 0.00	35.49 1.37 0.00	30.86 1.19 0.00	28.00 1.00 0.00
ATHENS_STG_3 23677	23.00 0.71 0.00	21.97 0.64 0.00	20.45 0.60 0.00	19.88 0.56 0.00	20.75 0.56 0.00	24.44 0.96 0.00	34.85 1.28 0.00	44.02 1.69 0.00	39.15 1.61 0.00	29.74 1.15 0.00	27.18 1.12 0.00	26.71 1.15 0.00	27.17 1.24 0.00	28.10 1.26 0.00	29.30 1.29 0.00	33.89 1.55 0.00	40.50 1.82 0.00	53.99 2.52 0.00	59.42 3.04 0.00	51.23 2.16 0.00	41.43 1.71 0.00	35.49 1.37 0.00	30.86 1.19 0.00	28.00 1.00 0.00
AUBURN___LFGE 323710	22.11 -0.18 0.00	21.14 -0.19 0.00	19.70 -0.16 0.00	19.18 -0.14 0.00	20.05 -0.14 0.00	23.45 -0.02 0.00	33.68 0.10 0.00	42.33 0.00 0.00	37.31 -0.23 0.00	28.57 -0.03 0.00	25.96 -0.10 0.00	25.41 -0.15 0.00	25.77 -0.16 0.00	26.68 -0.16 0.00	27.90 -0.11 0.00	32.15 -0.19 0.00	38.37 -0.31 0.00	53.10 -0.46 -2.09	57.21 -0.11 -0.95	49.49 -0.20 -0.62	39.41 -0.32 0.00	33.95 -0.17 0.00	29.50 -0.18 0.00	26.73 -0.27 0.00
BABYLON_RES_REC 323704	23.92 1.63 0.00	22.87 1.54 0.00	21.21 1.35 0.00	20.57 1.26 0.00	21.52 1.33 0.00	25.26 1.78 0.00	35.35 1.78 0.01	43.87 2.12 0.57	35.56 2.06 4.04	30.13 1.54 0.01	27.97 1.90 0.00	27.63 2.07 0.00	28.05 2.13 0.00	29.04 2.20 0.00	30.14 2.13 0.00	32.20 2.26 2.41	41.04 2.59 0.23	55.12 3.66 0.01	61.04 4.68 0.01	52.10 3.04 0.01	42.05 2.34 0.01	35.99 1.88 0.01	31.43 1.75 0.00	28.86 1.86 0.00
BABYLON__69_KV_BK2 356345	24.12 1.83 0.00	23.06 1.73 0.00	21.36 1.51 0.00	20.75 1.43 0.00	21.70 1.51 0.00	25.47 2.00 0.00	35.59 2.01 0.00	44.16 2.41 0.58	35.73 2.33 4.14	30.31 1.72 0.01	28.15 2.09 0.00	27.81 2.25 0.00	28.20 2.28 0.00	29.39 2.55 0.00	30.34 2.33 0.00	32.24 2.36 2.46	41.00 2.55 0.23	55.12 3.65 0.01	61.10 4.74 0.01	52.16 3.09 0.01	42.26 2.54 0.01	36.20 2.08 0.01	31.49 1.81 0.00	29.21 2.21 0.00
BALL_HILL_WT_PWR 323825	21.44 -0.85 0.00	20.56 -0.77 0.00	19.18 -0.68 0.00	18.68 -0.64 0.00	19.60 -0.59 0.00	23.03 -0.45 0.00	33.14 -0.44 0.00	41.31 -1.02 0.00	36.64 -0.90 0.00	28.60 0.00 0.00	26.46 0.39 0.00	25.92 0.36 0.00	26.18 0.26 0.00	27.19 0.35 0.00	28.24 0.22 0.00	32.08 -0.26 0.00	37.98 -0.70 0.00	49.11 -2.37 0.00	55.13 -1.24 0.00	46.97 -2.06 0.04	38.57 -1.15 0.00	33.51 -0.61 0.00	29.26 -0.42 0.00	26.70 -0.30 0.00
BARON_WINDS___WT_PWR 323822	21.71 -0.58 0.00	20.76 -0.57 0.00	19.38 -0.48 0.00	18.86 -0.46 0.00	19.76 -0.42 0.00	23.24 -0.23 0.00	33.41 -0.17 0.00	41.77 -0.55 0.00	37.65 0.11 0.00	29.20 0.60 0.00	26.82 0.76 0.00	26.28 0.71 0.00	26.59 0.67 0.00	27.56 0.72 0.00	28.68 0.67 0.00	32.86 0.52 0.00	39.03 0.35 0.00	51.27 -0.21 0.00	57.11 0.73 0.00	48.90 -0.15 0.03	39.89 0.16 0.00	34.47 0.34 0.00	30.06 0.38 0.00	27.32 0.33 0.00
BARRETT_IC_1 23704	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.23 1.91 0.00	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_10 23701	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.13 1.91 0.10	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_11 23702	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.13 1.91 0.10	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_12 23703	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.13 1.91 0.10	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_2 23705	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.23 1.91 0.00	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_3 23706	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.23 1.91 0.00	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_4 23707	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.23 1.91 0.00	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00

BARRETT_IC_5 23708	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.23 1.91 0.00	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_6 23709	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.23 1.91 0.00	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_7 23710	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.29 1.71 0.00	44.24 1.90 -0.01	39.45 1.91 0.00	30.20 1.60 0.00	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.17 2.33 0.00	30.20 2.19 0.00	34.44 2.10 0.00	40.85 2.17 0.00	54.61 3.14 0.00	60.60 4.23 0.00	51.62 2.55 0.00	41.79 2.07 0.00	35.90 1.77 0.00	31.31 1.63 0.00	28.83 1.84 0.00
BARRETT_IC_8 23711	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.23 1.91 0.00	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT_IC_9 23700	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.13 1.91 0.10	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT___1 23545	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.23 1.91 0.00	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BARRETT___2 23546	23.78 1.49 0.00	22.70 1.37 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.28 1.71 0.01	44.13 1.91 0.10	39.44 1.91 0.01	30.19 1.60 0.01	27.99 1.93 0.00	27.63 2.07 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.20 2.19 0.00	34.56 2.23 0.01	41.15 2.48 0.01	55.02 3.55 0.00	60.89 4.51 0.00	51.96 2.89 0.01	41.90 2.18 0.01	35.97 1.84 0.00	31.49 1.81 0.00	28.75 1.75 0.00
BATAVIA__115KV_TB1 55881	21.46 -0.82 0.00	20.58 -0.75 0.00	19.20 -0.66 0.00	18.72 -0.60 0.00	19.62 -0.57 0.00	23.01 -0.47 0.00	33.34 -0.24 0.00	41.65 -0.68 0.00	36.82 -0.71 0.00	28.60 0.00 0.00	26.27 0.21 0.00	25.64 0.08 0.00	25.97 0.05 0.00	26.92 0.08 0.00	28.13 0.11 0.00	32.02 -0.32 0.00	37.98 -0.70 0.00	49.31 -2.16 0.00	55.36 -1.01 0.00	47.71 -1.32 0.04	38.46 -1.27 0.00	33.51 -0.61 0.00	29.20 -0.47 0.00	26.62 -0.38 0.00
BAYONEEC___CTG1 323682	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BAYONEEC___CTG10 323750	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BAYONEEC___CTG2 323683	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BAYONEEC___CTG3 323684	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BAYONEEC___CTG4 323685	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BAYONEEC___CTG5 323686	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BAYONEEC___CTG6 323687	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00

BAYONEEC___CTG7 323688	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BAYONEEC___CTG8 323689	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BAYONEEC___CTG9 323749	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.84 2.27 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.28 2.94 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.75 1.75 0.00
BEACON___LESR 323632	22.85 0.56 0.00	21.88 0.55 0.00	20.37 0.52 0.00	19.82 0.50 0.00	20.75 0.56 0.00	24.44 0.96 0.00	34.92 1.34 0.00	44.14 1.82 0.00	39.15 1.61 0.00	29.57 0.97 0.00	26.95 0.89 0.00	26.40 0.84 0.00	26.85 0.93 0.00	27.75 0.91 0.00	28.99 0.98 0.00	33.64 1.29 0.00	40.46 1.78 0.00	54.05 2.57 0.00	59.64 3.27 0.00	51.38 2.31 0.00	41.52 1.79 0.00	35.52 1.40 0.00	30.83 1.16 0.00	27.94 0.94 0.00
BEAVER RIVER___HYD 24048	23.57 -0.31 -1.59	22.62 -0.26 -1.54	21.06 -0.26 -1.46	20.54 -0.21 -1.43	21.06 -0.20 -1.08	23.38 -0.09 0.00	33.75 0.17 0.00	42.66 0.34 0.00	37.80 0.26 0.00	28.54 -0.06 0.00	25.91 -0.16 0.00	25.36 -0.21 0.00	25.61 -0.31 0.00	26.49 -0.35 0.00	27.71 -0.31 0.00	32.15 -0.19 0.00	38.56 -0.12 0.00	52.63 0.15 -1.00	57.39 0.56 -0.45	50.00 0.64 -0.29	40.16 0.44 0.00	34.47 0.34 0.00	29.97 0.30 0.00	27.27 0.27 0.00
BEEBEE_GT_13 23619	21.55 -0.74 0.00	20.65 -0.68 0.00	19.24 -0.62 0.00	18.74 -0.58 0.00	19.62 -0.57 0.00	22.96 -0.52 0.00	33.11 -0.47 0.00	41.52 -0.80 0.00	36.67 -0.86 0.00	28.31 -0.29 0.00	25.93 -0.13 0.00	25.33 -0.23 0.00	25.69 -0.23 0.00	26.60 -0.24 0.00	27.82 -0.20 0.00	31.79 -0.55 0.00	37.83 -0.85 0.00	49.57 -1.90 0.00	55.19 -1.18 0.00	48.00 -1.03 0.05	38.49 -1.23 0.00	33.37 -0.75 0.00	29.02 -0.65 0.00	26.40 -0.59 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.01 1.72 -0.01	22.88 1.54 -0.01	21.27 1.41 -0.01	20.68 1.35 -0.01	21.55 1.35 -0.01	25.34 1.85 -0.01	35.96 2.38 0.00	45.42 3.09 0.00	40.61 3.08 0.00	31.01 2.40 -0.01	28.38 2.32 0.00	28.02 2.45 0.00	28.57 2.64 0.00	29.65 2.82 0.00	30.81 2.80 0.00	35.48 3.14 0.00	41.85 3.17 0.00	55.75 4.27 0.00	61.62 5.24 0.00	52.61 3.53 0.00	42.67 2.94 0.00	36.55 2.42 0.00	32.03 2.34 -0.01	29.14 2.13 -0.01
BETHLEHEM___GRP 23843	22.56 0.27 0.00	21.59 0.26 0.00	20.13 0.28 0.00	19.59 0.27 0.00	20.47 0.28 0.00	24.09 0.61 0.00	34.35 0.77 0.00	43.43 1.10 0.00	38.55 1.01 0.00	29.14 0.54 0.00	26.59 0.52 0.00	26.05 0.49 0.00	26.49 0.57 0.00	27.40 0.56 0.00	28.60 0.59 0.00	33.08 0.74 0.00	39.69 1.01 0.00	52.91 1.44 0.00	58.46 2.09 0.00	50.25 1.18 0.00	40.68 0.95 0.00	34.87 0.75 0.00	30.27 0.59 0.00	27.54 0.54 0.00
BETHLEHEM___GS1 323560	22.56 0.27 0.00	21.59 0.26 0.00	20.13 0.28 0.00	19.59 0.27 0.00	20.47 0.28 0.00	24.06 0.59 0.00	34.35 0.77 0.00	43.38 1.06 0.00	38.51 0.97 0.00	29.14 0.54 0.00	26.59 0.52 0.00	26.05 0.48 0.00	26.49 0.57 0.00	27.40 0.56 0.00	28.60 0.59 0.00	33.18 0.84 0.00	39.84 1.16 0.00	53.12 1.65 0.00	58.52 2.14 0.00	50.44 1.37 0.00	40.80 1.07 0.00	34.91 0.79 0.00	30.33 0.65 0.00	27.51 0.51 0.00
BETHLEHEM___GS2 323561	22.56 0.27 0.00	21.59 0.26 0.00	20.13 0.28 0.00	19.59 0.27 0.00	20.47 0.28 0.00	24.06 0.59 0.00	34.35 0.77 0.00	43.38 1.06 0.00	38.51 0.97 0.00	29.14 0.54 0.00	26.59 0.52 0.00	26.05 0.48 0.00	26.49 0.57 0.00	27.40 0.56 0.00	28.60 0.59 0.00	33.18 0.84 0.00	39.84 1.16 0.00	53.12 1.65 0.00	58.52 2.14 0.00	50.44 1.37 0.00	40.80 1.07 0.00	34.91 0.79 0.00	30.33 0.65 0.00	27.51 0.51 0.00
BETHLEHEM___GS3 323562	22.56 0.27 0.00	21.59 0.26 0.00	20.13 0.28 0.00	19.59 0.27 0.00	20.47 0.28 0.00	24.06 0.59 0.00	34.35 0.77 0.00	43.38 1.06 0.00	38.51 0.97 0.00	29.14 0.54 0.00	26.59 0.52 0.00	26.05 0.48 0.00	26.49 0.57 0.00	27.40 0.56 0.00	28.60 0.59 0.00	33.18 0.84 0.00	39.84 1.16 0.00	53.12 1.65 0.00	58.52 2.14 0.00	50.44 1.37 0.00	40.80 1.07 0.00	34.91 0.79 0.00	30.33 0.65 0.00	27.51 0.51 0.00
BETHLEHEM___STEEL 23779	21.42 -0.87 0.00	20.54 -0.79 0.00	19.16 -0.69 0.00	18.68 -0.64 0.00	19.58 -0.61 0.00	22.96 -0.52 0.00	33.07 -0.50 0.00	41.18 -1.14 0.00	36.56 -0.98 0.00	28.51 -0.09 0.00	26.35 0.29 0.00	25.79 0.23 0.00	26.08 0.16 0.00	27.02 0.19 0.00	28.15 0.14 0.00	31.95 -0.39 0.00	37.79 -0.89 0.00	48.90 -2.57 0.00	54.80 -1.58 0.00	46.53 -2.50 0.04	38.06 -1.67 0.00	33.24 -0.89 0.00	29.14 -0.53 0.00	26.59 -0.40 0.00
BETHLHEM_115KV_TB1 79974	22.60 0.31 0.00	21.63 0.30 0.00	20.17 0.32 0.00	19.63 0.31 0.00	20.51 0.32 0.00	24.13 0.66 0.00	34.45 0.87 0.00	43.51 1.19 0.00	38.66 1.13 0.00	29.23 0.63 0.00	26.66 0.60 0.00	26.12 0.56 0.00	26.57 0.65 0.00	27.48 0.64 0.00	28.69 0.67 0.00	33.18 0.84 0.00	39.76 1.08 0.00	53.02 1.54 0.00	58.57 2.20 0.00	50.35 1.28 0.00	40.80 1.07 0.00	34.94 0.82 0.00	30.36 0.68 0.00	27.59 0.59 0.00
BETHPAGE_CC_5 323564	23.92 1.63 0.00	22.85 1.51 0.00	21.19 1.33 0.00	20.57 1.26 0.00	21.50 1.31 0.00	25.26 1.78 0.00	35.28 1.71 0.01	43.83 2.03 0.53	35.78 1.99 3.74	30.16 1.57 0.01	27.97 1.90 0.00	27.63 2.07 0.00	28.05 2.13 0.00	29.06 2.23 0.00	30.14 2.13 0.00	32.41 2.30 2.23	40.94 2.48 0.21	54.97 3.50 0.01	60.77 4.40 0.01	51.90 2.85 0.01	41.90 2.18 0.01	35.89 1.77 0.01	31.43 1.75 0.00	28.89 1.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.46 -0.82 0.00	20.58 -0.75 0.00	19.20 -0.66 0.00	18.72 -0.60 0.00	19.62 -0.57 0.00	23.01 -0.47 0.00	33.18 -0.40 0.00	41.31 -1.02 0.00	36.67 -0.86 0.00	28.60 0.00 0.00	26.46 0.39 0.00	25.89 0.33 0.00	26.18 0.26 0.00	27.11 0.27 0.00	28.27 0.25 0.00	32.08 -0.26 0.00	37.94 -0.73 0.00	49.11 -2.37 0.00	55.02 -1.35 0.00	46.48 -2.55 0.04	38.18 -1.55 0.00	33.34 -0.78 0.00	29.23 -0.45 0.00	26.67 -0.32 0.00

BINGHAMTON___COGEN 23790	22.31 0.02 0.00	21.35 0.02 0.00	19.90 0.04 0.00	19.36 0.04 0.00	20.23 0.04 0.00	23.74 0.26 0.00	34.05 0.47 0.00	42.79 0.47 0.00	38.66 1.13 0.00	29.66 1.06 0.00	27.13 1.07 0.00	26.61 1.05 0.00	26.96 1.04 0.00	27.86 1.02 0.00	29.02 1.01 0.00	33.34 1.00 0.00	39.69 1.01 0.00	52.66 1.18 0.00	58.46 2.09 0.00	49.99 0.93 0.02	40.72 0.99 0.00	35.05 0.92 0.00	30.57 0.89 0.00	27.81 0.81 0.00
BIXINCNT_115KV_LOAD 355685	21.20 -1.09 0.00	20.31 -1.02 0.00	18.98 -0.87 0.00	18.47 -0.85 0.00	19.44 -0.75 0.00	22.84 -0.63 0.00	33.01 -0.57 0.00	41.14 -1.19 0.00	36.56 -0.98 0.00	28.57 -0.03 0.00	26.56 0.50 0.00	26.00 0.43 0.00	26.26 0.34 0.00	27.24 0.40 0.00	28.41 0.39 0.00	32.18 -0.16 0.00	38.14 -0.54 0.00	49.47 -2.01 0.00	55.42 -0.96 0.00	46.04 -2.99 0.04	38.14 -1.59 0.00	33.24 -0.89 0.00	29.23 -0.45 0.00	26.65 -0.35 0.00
BLACK RIVER___HYD 24047	23.18 -0.22 -1.11	22.24 -0.17 -1.08	20.70 -0.18 -1.02	20.19 -0.13 -1.00	20.82 -0.12 -0.75	23.52 0.05 0.00	33.98 0.40 0.00	42.96 0.64 0.00	37.99 0.45 0.00	28.71 0.11 0.00	25.91 -0.16 0.00	25.36 -0.21 0.00	25.56 -0.36 0.00	26.46 -0.38 0.00	27.65 -0.36 0.00	32.15 -0.19 0.00	38.56 -0.12 0.00	53.28 0.15 -1.65	57.91 0.79 -0.75	50.45 0.88 -0.50	40.28 0.56 0.00	34.50 0.38 0.00	30.00 0.33 0.00	27.21 0.21 0.00
BLACKRVR_115KV_TB2 79977	23.18 -0.22 -1.11	22.24 -0.17 -1.08	20.70 -0.18 -1.02	20.19 -0.14 -1.00	20.82 -0.12 -0.75	23.52 0.05 0.00	33.98 0.40 0.00	42.96 0.63 0.00	37.99 0.45 0.00	28.71 0.11 0.00	25.91 -0.16 0.00	25.36 -0.20 0.00	25.56 -0.36 0.00	26.43 -0.40 0.00	27.65 -0.36 0.00	32.15 -0.19 0.00	38.56 -0.12 0.00	53.33 0.21 -1.65	57.97 0.85 -0.75	50.50 0.93 -0.50	40.32 0.60 0.00	34.53 0.41 0.00	30.00 0.33 0.00	27.21 0.22 0.00
BLISS_WT_PWR 323608	21.06 -1.23 0.00	20.16 -1.17 0.00	18.84 -1.01 0.00	18.35 -0.97 0.00	19.34 -0.85 0.00	22.75 -0.73 0.00	32.81 -0.77 0.00	40.93 -1.40 0.00	36.41 -1.13 0.00	28.49 -0.11 0.00	26.51 0.44 0.00	25.95 0.38 0.00	26.18 0.26 0.00	27.29 0.46 0.00	28.38 0.36 0.00	32.18 -0.16 0.00	38.22 -0.46 0.00	49.41 -2.06 0.00	55.36 -1.01 0.00	46.34 -2.70 0.04	38.42 -1.31 0.00	33.30 -0.82 0.00	29.20 -0.48 0.00	26.62 -0.38 0.00
BLUESTONE___WT_PWR 323821	23.25 0.96 0.00	22.27 0.94 0.00	20.71 0.85 0.00	20.19 0.87 0.00	21.14 0.95 0.00	24.86 1.38 0.00	36.00 2.42 0.00	45.38 3.05 0.00	40.54 3.00 0.00	30.80 2.20 0.00	27.76 1.69 0.00	27.20 1.64 0.00	27.42 1.50 0.00	28.39 1.56 0.00	29.64 1.62 0.00	34.41 2.07 0.00	41.08 2.40 0.00	54.98 3.50 0.00	61.16 4.79 0.00	52.89 3.83 0.01	42.79 3.06 0.00	36.51 2.39 0.00	31.84 2.17 0.00	28.83 1.84 0.00
BLUE_CIRC_CHEM_DRP 24182	22.80 0.51 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.69 0.50 0.00	24.37 0.89 0.00	34.79 1.21 0.00	43.93 1.61 0.00	38.93 1.39 0.00	29.37 0.77 0.00	26.72 0.65 0.00	26.15 0.59 0.00	26.57 0.65 0.00	27.51 0.67 0.00	28.71 0.70 0.00	33.28 0.94 0.00	39.99 1.32 0.00	53.38 1.90 0.00	59.02 2.65 0.00	50.79 1.72 0.00	41.16 1.43 0.00	35.28 1.16 0.00	30.65 0.98 0.00	27.86 0.86 0.00
BOC_GAS_DRP 24189	22.76 0.47 0.00	21.78 0.45 0.00	20.27 0.42 0.00	19.72 0.41 0.00	20.59 0.40 0.00	24.25 0.77 0.00	34.62 1.04 0.00	43.72 1.40 0.00	38.85 1.31 0.00	29.46 0.86 0.00	26.90 0.83 0.00	26.38 0.82 0.00	26.80 0.88 0.00	27.75 0.91 0.00	28.94 0.92 0.00	33.44 1.10 0.00	39.99 1.32 0.00	53.27 1.80 0.00	58.80 2.42 0.00	50.59 1.52 0.00	41.00 1.27 0.00	35.15 1.02 0.00	30.54 0.86 0.00	27.81 0.81 0.00
BOONVILLE_115KV_TB1 79983	23.02 0.13 -0.60	22.06 0.15 -0.58	20.53 0.12 -0.55	20.01 0.15 -0.54	20.78 0.18 -0.41	23.83 0.35 0.00	34.32 0.74 0.00	43.30 0.97 0.00	38.40 0.86 0.00	29.11 0.51 0.00	26.38 0.31 0.00	25.84 0.28 0.00	26.10 0.18 0.00	27.02 0.19 0.00	28.24 0.22 0.00	32.76 0.42 0.00	39.22 0.54 0.00	52.91 0.93 -0.51	58.02 1.41 -0.23	50.45 1.23 -0.15	40.64 0.91 0.00	34.81 0.68 0.00	30.30 0.62 0.00	27.51 0.51 0.00
BORALEX_4TH_BRANCH 23824	23.54 1.25 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.34 1.02 0.00	21.26 1.07 0.00	25.05 1.57 0.00	35.76 2.18 0.00	45.37 3.05 0.00	40.20 2.67 0.00	30.26 1.66 0.00	27.65 1.59 0.00	26.99 1.43 0.00	27.45 1.53 0.00	28.37 1.53 0.00	29.55 1.54 0.00	34.22 1.88 0.00	41.31 2.63 0.00	55.08 3.60 0.00	60.77 4.40 0.00	52.07 2.99 0.00	42.31 2.58 0.00	36.21 2.08 0.00	31.46 1.78 0.00	28.62 1.62 0.00
BOWLINE___1 23526	23.45 1.16 0.00	22.36 1.02 0.00	20.81 0.95 0.00	20.21 0.89 0.00	21.10 0.91 0.00	24.82 1.34 0.00	35.32 1.74 0.00	44.65 2.33 0.00	39.75 2.21 0.00	30.26 1.66 0.00	27.73 1.67 0.00	27.30 1.74 0.00	27.74 1.81 0.00	28.69 1.85 0.00	29.86 1.85 0.00	34.51 2.17 0.00	41.12 2.44 0.00	54.92 3.45 0.00	60.60 4.23 0.00	52.07 2.99 0.00	42.11 2.38 0.00	35.97 1.84 0.00	31.31 1.63 0.00	28.40 1.40 0.00
BOWLINE___2 23595	23.45 1.16 0.00	22.36 1.02 0.00	20.81 0.95 0.00	20.21 0.89 0.00	21.10 0.91 0.00	24.82 1.34 0.00	35.32 1.74 0.00	44.65 2.33 0.00	39.75 2.21 0.00	30.26 1.66 0.00	27.73 1.67 0.00	27.30 1.74 0.00	27.74 1.81 0.00	28.69 1.85 0.00	29.86 1.85 0.00	34.51 2.17 0.00	41.12 2.44 0.00	54.92 3.45 0.00	60.60 4.23 0.00	52.07 2.99 0.00	42.11 2.38 0.00	35.97 1.84 0.00	31.31 1.63 0.00	28.40 1.40 0.00
BRADY___115KV_TB2 356060	24.14 -0.16 -2.01	23.21 -0.06 -1.94	21.58 -0.12 -1.84	21.03 -0.10 -1.80	21.44 -0.10 -1.36	23.31 -0.16 0.00	33.65 0.07 0.00	42.45 0.13 0.00	37.69 0.15 0.00	28.63 0.03 0.00	25.96 -0.10 0.00	25.49 -0.08 0.00	25.77 -0.16 0.00	26.70 -0.13 0.00	27.90 -0.11 0.00	32.31 -0.03 0.00	39.07 0.39 0.00	52.35 0.88 0.00	56.77 0.39 0.00	49.91 0.83 0.00	40.48 0.75 0.00	34.64 0.51 0.00	30.15 0.47 0.00	27.51 0.51 0.00
BRANSCOMB___SOLAR 323811	23.14 0.85 0.00	22.19 0.85 0.00	20.57 0.71 0.00	20.01 0.69 0.00	21.00 0.81 0.00	24.74 1.27 0.00	35.36 1.78 0.00	44.69 2.37 0.00	39.60 2.06 0.00	29.83 1.23 0.00	27.11 1.04 0.00	26.56 1.00 0.00	27.04 1.11 0.00	27.91 1.07 0.00	29.16 1.15 0.00	33.83 1.49 0.00	40.73 2.05 0.00	54.56 3.09 0.00	60.32 3.94 0.00	52.02 2.94 0.00	41.99 2.26 0.00	35.97 1.84 0.00	31.19 1.51 0.00	28.27 1.27 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.03 1.74 0.00	22.97 1.64 0.00	21.30 1.45 0.00	20.67 1.35 0.00	21.64 1.45 0.00	25.38 1.90 0.00	35.43 1.85 0.00	43.87 2.16 0.62	35.20 2.10 4.44	30.14 1.54 0.01	28.02 1.95 0.00	27.68 2.12 0.00	28.07 2.15 0.00	29.23 2.39 0.00	30.17 2.16 0.00	31.84 2.13 2.64	40.60 2.17 0.25	54.45 2.99 0.01	60.37 4.00 0.01	51.67 2.60 0.01	41.94 2.22 0.01	35.96 1.84 0.01	31.31 1.63 0.00	29.08 2.08 0.00



BRISTLHL_115KV_TB1 79998	21.82 -0.47 0.00	20.88 -0.45 0.00	19.48 -0.38 0.00	18.95 -0.37 0.00	19.81 -0.38 0.00	23.13 -0.35 0.00	33.07 -0.50 0.00	41.65 -0.68 0.00	36.75 -0.79 0.00	28.08 -0.51 0.00	25.52 -0.55 0.00	25.00 -0.56 0.00	25.33 -0.60 0.00	26.25 -0.59 0.00	27.43 -0.59 0.00	31.63 -0.71 0.00	37.75 -0.93 0.00	53.73 -1.29 -3.54	56.91 -1.07 -1.61	49.12 -1.03 -1.08	38.81 -0.91 0.00	33.41 -0.72 0.00	29.02 -0.65 0.00	26.32 -0.67 0.00
BROOKHAVEN___DRP 24191	23.92 1.63 0.00	22.97 1.64 0.00	21.28 1.43 0.00	20.65 1.33 0.00	21.62 1.43 0.00	25.33 1.85 0.00	35.22 1.65 0.00	43.35 1.65 0.63	34.64 1.61 4.51	29.76 1.17 0.01	27.65 1.59 0.00	27.33 1.76 0.00	27.71 1.79 0.00	28.88 2.04 0.00	29.81 1.79 0.00	31.37 1.71 2.68	40.21 1.78 0.25	54.19 2.73 0.01	60.09 3.72 0.01	51.22 2.16 0.01	41.47 1.75 0.01	35.69 1.57 0.01	31.10 1.42 0.00	28.91 1.92 0.00
BROOKLYN_NAVY_YARD 23515	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.76 2.18 0.00	45.25 2.92 0.00	40.35 2.82 0.00	30.77 2.17 0.00	28.23 2.16 0.00	27.86 2.30 0.00	28.36 2.44 0.00	29.39 2.55 0.00	30.56 2.55 0.00	35.31 2.97 0.00	41.93 3.25 0.00	55.80 4.32 0.00	61.56 5.18 0.00	52.80 3.73 0.00	42.71 2.98 0.00	36.48 2.35 0.00	31.78 2.11 0.00	28.78 1.78 0.00
BROOKLYN___ARMY_DRP 323595	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
BROOKVLE_69_KV_TB1 55790	23.94 1.65 0.00	22.82 1.49 0.00	21.19 1.33 0.00	20.57 1.26 0.00	21.50 1.31 0.00	25.26 1.78 0.00	35.56 1.98 0.00	44.58 2.54 0.28	37.97 2.48 2.05	30.45 1.86 0.00	28.18 2.11 0.00	27.84 2.28 0.00	28.25 2.33 0.00	29.39 2.55 0.00	30.42 2.41 0.00	33.68 2.55 1.22	41.39 2.82 0.11	55.38 3.91 0.00	61.39 5.02 0.00	52.36 3.29 0.00	42.34 2.62 0.00	36.27 2.15 0.00	31.49 1.81 0.00	29.02 2.02 0.00
BROOME_2_LFGE 323671	22.31 0.02 0.00	21.35 0.02 0.00	19.90 0.04 0.00	19.36 0.04 0.00	20.23 0.04 0.00	23.74 0.26 0.00	34.05 0.47 0.00	42.79 0.47 0.00	38.66 1.13 0.00	29.66 1.06 0.00	27.13 1.07 0.00	26.61 1.05 0.00	26.96 1.04 0.00	27.88 1.05 0.00	29.02 1.01 0.00	33.41 1.07 0.00	39.80 1.12 0.00	52.81 1.34 0.00	58.52 2.14 0.00	50.28 1.23 0.02	40.92 1.19 0.00	35.15 1.02 0.00	30.62 0.95 0.00	27.84 0.84 0.00
BROOME___LFGE 323600	22.31 0.02 0.00	21.35 0.02 0.00	19.90 0.04 0.00	19.36 0.04 0.00	20.23 0.04 0.00	23.74 0.26 0.00	34.05 0.47 0.00	42.79 0.47 0.00	38.66 1.13 0.00	29.66 1.06 0.00	27.13 1.07 0.00	26.61 1.05 0.00	26.96 1.04 0.00	27.88 1.05 0.00	29.02 1.01 0.00	33.41 1.07 0.00	39.80 1.12 0.00	52.81 1.34 0.00	58.52 2.14 0.00	50.28 1.23 0.02	40.92 1.19 0.00	35.15 1.02 0.00	30.62 0.95 0.00	27.84 0.84 0.00
BROWNFLS_115KV_TB_3_5 80003	24.82 -0.33 -2.87	23.85 -0.26 -2.78	22.21 -0.28 -2.63	21.65 -0.25 -2.58	21.88 -0.24 -1.94	23.27 -0.21 0.00	33.58 0.00 0.00	42.41 0.08 0.00	37.65 0.11 0.00	28.48 -0.11 0.00	25.86 -0.21 0.00	25.33 -0.23 0.00	25.59 -0.34 0.00	26.52 -0.32 0.00	27.71 -0.31 0.00	32.15 -0.19 0.00	38.76 0.08 0.00	52.58 0.41 -0.69	57.08 0.39 -0.32	49.92 0.64 -0.21	40.20 0.48 0.00	34.47 0.34 0.00	30.00 0.33 0.00	27.29 0.30 0.00
BROWNSV1_27_KV_LOAD 356125	23.94 1.65 0.00	22.80 1.47 0.00	21.21 1.35 0.00	20.61 1.29 0.00	21.48 1.29 0.00	25.26 1.78 0.00	36.00 2.42 0.00	45.54 3.22 0.00	40.61 3.08 0.00	30.97 2.37 0.00	28.41 2.35 0.00	28.04 2.48 0.00	28.54 2.62 0.00	29.63 2.79 0.00	30.76 2.75 0.00	35.41 3.07 0.00	41.97 3.29 0.00	55.95 4.48 0.00	61.84 5.47 0.00	52.90 3.83 0.00	42.86 3.14 0.00	36.62 2.49 0.00	31.87 2.20 0.00	29.00 2.00 0.00
BURROWS___LYONSDAL 23803	23.08 0.00 -0.80	22.14 0.04 -0.77	20.61 0.02 -0.73	20.07 0.04 -0.72	20.79 0.06 -0.54	23.69 0.21 0.00	34.15 0.57 0.00	43.13 0.80 0.00	38.21 0.68 0.00	28.94 0.34 0.00	26.25 0.18 0.00	25.72 0.15 0.00	25.97 0.05 0.00	26.89 0.05 0.00	28.10 0.08 0.00	32.60 0.26 0.00	39.07 0.39 0.00	52.85 0.77 -0.61	57.89 1.24 -0.28	50.38 1.13 -0.18	40.56 0.83 0.00	34.70 0.58 0.00	30.21 0.53 0.00	27.46 0.46 0.00
CAITHNESS_CC_1 323624	23.90 1.61 0.00	22.93 1.60 0.00	21.24 1.39 0.00	20.61 1.29 0.00	21.58 1.39 0.00	25.29 1.81 0.00	35.15 1.58 0.01	43.30 1.61 0.64	34.67 1.65 4.52	29.76 1.17 0.02	27.65 1.59 0.00	27.32 1.76 0.00	27.71 1.79 0.00	28.72 1.88 0.00	29.81 1.79 0.00	31.46 1.81 2.69	40.47 2.05 0.26	54.50 3.04 0.01	60.37 4.00 0.01	51.46 2.40 0.02	41.50 1.79 0.02	35.69 1.57 0.01	31.22 1.54 0.00	28.67 1.67 0.00
CALPINE BETH_PAGE_GT4 24209	23.92 1.63 0.00	22.82 1.49 0.00	21.19 1.33 0.00	20.56 1.24 0.00	21.50 1.31 0.00	25.26 1.78 0.00	35.36 1.78 0.00	44.01 2.16 0.47	36.28 2.14 3.40	30.25 1.66 0.01	28.02 1.95 0.00	27.68 2.12 0.00	28.10 2.18 0.00	29.23 2.39 0.00	30.23 2.21 0.00	32.58 2.26 2.02	40.77 2.28 0.19	54.71 3.24 0.01	60.60 4.23 0.01	51.72 2.65 0.01	41.83 2.11 0.01	35.86 1.74 0.01	31.31 1.63 0.00	28.97 1.97 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.92 1.63 0.00	22.82 1.49 0.00	21.19 1.33 0.00	20.56 1.24 0.00	21.50 1.31 0.00	25.24 1.76 0.00	35.35 1.78 0.01	44.00 2.16 0.48	36.23 2.10 3.41	30.24 1.66 0.01	28.02 1.96 0.00	27.68 2.12 0.00	28.10 2.18 0.00	29.12 2.28 0.00	30.23 2.21 0.00	32.71 2.39 2.03	41.04 2.55 0.20	55.02 3.55 0.01	60.88 4.51 0.01	52.00 2.94 0.01	41.98 2.26 0.01	35.96 1.84 0.01	31.49 1.81 0.00	28.89 1.89 0.00
CALPINE_BP_GT1 23823	23.92 1.63 0.00	22.82 1.49 0.00	21.19 1.33 0.00	20.56 1.24 0.00	21.50 1.31 0.00	25.24 1.76 0.00	35.35 1.78 0.01	44.00 2.16 0.48	36.23 2.10 3.41	30.24 1.66 0.01	28.02 1.96 0.00	27.68 2.12 0.00	28.10 2.18 0.00	29.12 2.28 0.00	30.23 2.21 0.00	32.71 2.39 2.03	41.04 2.55 0.20	55.02 3.55 0.01	60.88 4.51 0.01	52.00 2.94 0.01	41.98 2.26 0.01	35.96 1.84 0.01	31.49 1.81 0.00	28.89 1.89 0.00
CALSPAN___DRP 24200	21.42 -0.87 0.00	20.54 -0.79 0.00	19.16 -0.69 0.00	18.68 -0.64 0.00	19.58 -0.61 0.00	22.96 -0.52 0.00	33.07 -0.50 0.00	41.18 -1.14 0.00	36.56 -0.98 0.00	28.51 -0.09 0.00	26.35 0.29 0.00	25.79 0.23 0.00	26.08 0.16 0.00	27.02 0.19 0.00	28.15 0.14 0.00	31.95 -0.39 0.00	37.79 -0.89 0.00	48.90 -2.57 0.00	54.80 -1.58 0.00	46.53 -2.50 0.04	38.06 -1.67 0.00	33.24 -0.89 0.00	29.14 -0.53 0.00	26.59 -0.40 0.00

CALVERTON___SOLAR 323806	23.96 1.67 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.71 1.39 0.00	21.68 1.49 0.00	25.38 1.90 0.00	35.32 1.74 0.01	43.39 1.69 0.64	34.79 1.76 4.52	29.78 1.20 0.02	27.68 1.62 0.00	27.35 1.79 0.00	27.74 1.81 0.00	28.72 1.88 0.00	29.83 1.82 0.00	31.53 1.88 2.69	40.63 2.20 0.26	54.71 3.24 0.01	60.65 4.28 0.01	51.66 2.60 0.02	41.66 1.95 0.02	35.89 1.77 0.01	31.34 1.66 0.00	28.70 1.70 0.00
CANDIGU_WT_PWR 323617	21.71 -0.58 0.00	20.76 -0.57 0.00	19.38 -0.48 0.00	18.86 -0.46 0.00	19.76 -0.42 0.00	23.24 -0.23 0.00	33.41 -0.17 0.00	41.77 -0.55 0.00	37.65 0.11 0.00	29.20 0.60 0.00	26.82 0.76 0.00	26.28 0.71 0.00	26.59 0.67 0.00	27.56 0.72 0.00	28.68 0.67 0.00	32.86 0.52 0.00	39.03 0.35 0.00	51.27 -0.21 0.00	57.11 0.73 0.00	48.90 -0.15 0.03	39.89 0.16 0.00	34.47 0.34 0.00	30.06 0.38 0.00	27.32 0.33 0.00
CARR STREET_E_SYR 24060	21.93 -0.36 0.00	20.99 -0.34 0.00	19.56 -0.30 0.00	19.05 -0.27 0.00	19.91 -0.28 0.00	23.27 -0.21 0.00	33.31 -0.27 0.00	41.94 -0.38 0.00	36.93 -0.60 0.00	28.23 -0.37 0.00	25.67 -0.39 0.00	25.13 -0.43 0.00	25.48 -0.44 0.00	26.38 -0.46 0.00	27.56 -0.45 0.00	31.82 -0.52 0.00	38.02 -0.66 0.00	51.56 -1.13 -1.22	56.03 -0.90 -0.56	48.54 -0.88 -0.35	38.97 -0.76 0.00	33.58 -0.55 0.00	29.17 -0.50 0.00	26.46 -0.54 0.00
CARTHAGE___PAPER 23857	23.30 -0.29 -1.30	22.36 -0.23 -1.26	20.79 -0.26 -1.19	20.28 -0.21 -1.17	20.87 -0.20 -0.88	23.41 -0.07 0.00	33.85 0.27 0.00	42.79 0.47 0.00	37.87 0.34 0.00	28.60 0.00 0.00	25.88 -0.18 0.00	25.33 -0.23 0.00	25.56 -0.36 0.00	26.46 -0.38 0.00	27.65 -0.36 0.00	32.12 -0.22 0.00	38.53 -0.15 0.00	53.03 0.15 -1.40	57.63 0.62 -0.63	50.28 0.78 -0.42	40.24 0.52 0.00	34.47 0.34 0.00	29.97 0.30 0.00	27.24 0.24 0.00
CASSADAGA_WT_PWR 323784	21.31 -0.98 0.00	20.41 -0.92 0.00	19.06 -0.79 0.00	18.57 -0.75 0.00	19.50 -0.69 0.00	22.94 -0.54 0.00	33.14 -0.44 0.00	41.57 -0.76 0.00	37.01 -0.53 0.00	28.91 0.32 0.00	26.92 0.86 0.00	26.43 0.87 0.00	26.67 0.75 0.00	27.70 0.86 0.00	28.74 0.73 0.00	32.63 0.29 0.00	38.56 -0.12 0.00	49.93 -1.54 0.00	56.04 -0.34 0.00	47.37 -1.67 0.04	38.89 -0.84 0.00	33.82 -0.31 0.00	29.56 -0.12 0.00	26.94 -0.05 0.00
CE_DUNWOOD___DRP 24194	23.65 1.36 0.00	22.55 1.22 0.00	20.97 1.11 0.00	20.36 1.04 0.00	21.26 1.07 0.00	24.98 1.50 0.00	35.56 1.98 0.00	44.99 2.67 0.00	40.09 2.55 0.00	30.52 1.92 0.00	27.97 1.90 0.00	27.58 2.02 0.00	28.05 2.13 0.00	29.06 2.23 0.00	30.23 2.21 0.00	34.83 2.49 0.00	41.39 2.71 0.00	55.18 3.71 0.00	61.05 4.68 0.00	52.21 3.14 0.00	42.31 2.58 0.00	36.17 2.05 0.00	31.46 1.78 0.00	28.64 1.65 0.00
CE_MILLWOOD___DRP 24193	23.60 1.32 0.00	22.50 1.17 0.00	20.93 1.07 0.00	20.34 1.02 0.00	21.22 1.03 0.00	24.96 1.48 0.00	35.53 1.95 0.00	44.95 2.62 0.00	40.05 2.51 0.00	30.46 1.86 0.00	27.91 1.85 0.00	27.53 1.97 0.00	28.00 2.07 0.00	29.01 2.17 0.00	30.17 2.16 0.00	34.73 2.39 0.00	41.31 2.63 0.00	55.08 3.60 0.00	60.94 4.57 0.00	52.12 3.04 0.00	42.23 2.50 0.00	36.10 1.98 0.00	31.43 1.75 0.00	28.62 1.62 0.00
CE_NYC2_DRP 24202	23.90 1.60 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.25 2.92 0.00	40.43 2.89 0.00	30.89 2.29 -0.01	28.25 2.19 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.47 2.63 0.00	30.62 2.61 0.00	35.25 2.91 0.00	41.66 2.98 0.00	55.44 3.96 0.00	61.22 4.85 0.00	52.36 3.29 0.00	42.43 2.70 0.00	36.34 2.22 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
CE_NYC_DRP 24195	23.83 1.54 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.29 2.96 0.00	40.43 2.89 0.00	30.83 2.23 0.00	28.25 2.19 0.00	27.89 2.33 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.74 3.06 0.00	55.59 4.12 0.00	61.45 5.07 0.00	52.56 3.48 0.00	42.59 2.86 0.00	36.41 2.29 0.00	31.69 2.02 0.00	28.83 1.84 0.00
CHAFFEE___LFGE 323603	21.47 -0.82 0.00	20.58 -0.75 0.00	19.20 -0.65 0.00	18.72 -0.60 0.00	19.62 -0.57 0.00	23.03 -0.45 0.00	33.21 -0.37 0.00	41.39 -0.93 0.00	36.71 -0.83 0.00	28.60 0.00 0.00	26.46 0.39 0.00	25.89 0.33 0.00	26.15 0.23 0.00	27.19 0.35 0.00	28.26 0.25 0.00	32.12 -0.22 0.00	38.02 -0.66 0.00	49.05 -2.42 0.00	55.13 -1.24 0.00	46.83 -2.21 0.04	38.57 -1.15 0.00	33.51 -0.61 0.00	29.26 -0.42 0.00	26.70 -0.30 0.00
CHATEAUG_35_KV_LOAD 355732	-9.00 -0.91 30.38	-8.92 -0.81 29.44	-8.84 -0.81 27.88	-8.80 -0.79 27.33	-1.15 -0.81 20.53	22.44 -1.03 0.00	32.37 -1.21 0.00	40.84 -1.48 0.00	36.41 -1.13 0.00	27.83 -0.77 0.00	25.39 -0.68 0.00	24.90 -0.66 0.00	25.22 -0.70 0.00	26.22 -0.62 0.00	27.43 -0.59 0.00	31.82 -0.52 0.00	38.72 0.04 0.00	51.99 0.51 0.00	56.15 -0.23 0.00	49.12 0.05 0.00	39.85 0.12 0.00	34.19 0.07 0.00	29.79 0.12 0.00	27.24 0.24 0.00
CHATEAUG_WT_PWR 323614	-7.01 -0.98 28.32	-6.99 -0.88 27.45	-7.01 -0.87 25.99	-7.01 -0.85 25.48	0.19 -0.87 19.14	22.40 -1.08 0.00	32.27 -1.31 0.00	40.72 -1.61 0.00	36.26 -1.28 0.00	27.74 -0.86 0.00	25.31 -0.76 0.00	24.82 -0.74 0.00	25.15 -0.78 0.00	26.14 -0.70 0.00	27.34 -0.67 0.00	31.14 -1.20 0.00	37.32 -1.35 0.00	50.13 -1.34 0.00	54.29 -2.08 0.00	47.35 -1.72 0.00	38.42 -1.31 0.00	33.41 -0.72 0.00	29.14 -0.53 0.00	27.13 0.14 0.00
CHAT_HIGH_FALL_HYD 323578	-9.00 -0.91 30.38	-8.92 -0.81 29.44	-8.84 -0.81 27.88	-8.80 -0.79 27.33	-1.15 -0.81 20.53	22.44 -1.03 0.00	32.37 -1.21 0.00	40.84 -1.48 0.00	36.41 -1.13 0.00	27.83 -0.77 0.00	25.39 -0.68 0.00	24.90 -0.66 0.00	25.22 -0.70 0.00	26.22 -0.62 0.00	27.43 -0.59 0.00	31.82 -0.52 0.00	38.72 0.04 0.00	51.99 0.51 0.00	56.15 -0.23 0.00	49.12 0.05 0.00	39.85 0.12 0.00	34.19 0.07 0.00	29.79 0.12 0.00	27.24 0.24 0.00
CHAUTAUQUA___LFGE 323629	21.44 -0.85 0.00	20.56 -0.77 0.00	19.20 -0.65 0.00	18.70 -0.62 0.00	19.62 -0.57 0.00	23.06 -0.42 0.00	33.24 -0.34 0.00	41.52 -0.81 0.00	36.86 -0.67 0.00	28.77 0.17 0.00	26.69 0.62 0.00	26.17 0.61 0.00	26.44 0.52 0.00	27.45 0.62 0.00	28.49 0.48 0.00	32.37 0.03 0.00	38.29 -0.39 0.00	49.52 -1.96 0.00	55.59 -0.79 0.00	47.32 -1.72 0.04	38.77 -0.95 0.00	33.72 -0.41 0.00	29.44 -0.24 0.00	26.86 -0.13 0.00
CHERRYST_13_KV_LD 356241	23.87 1.58 0.00	22.76 1.43 0.00	21.17 1.31 0.00	20.56 1.24 0.00	21.42 1.23 0.00	25.19 1.71 0.00	35.90 2.32 0.00	45.42 3.09 0.00	40.54 3.00 0.00	30.92 2.32 0.00	28.36 2.29 0.00	27.97 2.40 0.00	28.49 2.57 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.35 3.01 0.00	41.89 3.21 0.00	55.75 4.27 0.00	61.62 5.24 0.00	52.70 3.63 0.00	42.71 2.98 0.00	36.48 2.35 0.00	31.75 2.08 0.00	28.89 1.89 0.00

CHESTROR_138KV_BK263 355645	23.34 1.05 0.00	22.27 0.94 0.00	20.73 0.87 0.00	20.13 0.81 0.00	21.04 0.85 0.00	24.72 1.24 0.00	35.26 1.68 0.00	44.57 2.24 0.00	39.64 2.10 0.00	30.14 1.54 0.00	27.60 1.54 0.00	27.15 1.58 0.00	27.58 1.66 0.00	28.55 1.72 0.00	29.72 1.71 0.00	34.28 1.94 0.00	40.85 2.17 0.00	54.51 3.04 0.00	60.32 3.95 0.00	51.67 2.60 0.00	41.83 2.11 0.00	35.80 1.67 0.00	31.13 1.45 0.00	28.35 1.35 0.00
CH_MIDHUDSON___DRP 24192	23.52 1.23 0.00	22.42 1.09 0.00	20.87 1.01 0.00	20.29 0.97 0.00	21.16 0.97 0.00	24.91 1.43 0.00	35.49 1.91 0.00	44.91 2.58 0.00	39.98 2.44 0.00	30.34 1.74 0.00	27.76 1.69 0.00	27.30 1.74 0.00	27.79 1.87 0.00	28.77 1.93 0.00	29.97 1.96 0.00	34.57 2.23 0.00	41.23 2.55 0.00	54.97 3.50 0.00	60.83 4.45 0.00	52.07 2.99 0.00	42.19 2.46 0.00	36.03 1.91 0.00	31.34 1.66 0.00	28.54 1.54 0.00
CH_MISC_IPPS 23765	23.56 1.27 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.32 1.00 0.00	21.22 1.03 0.00	24.96 1.48 0.00	35.63 2.05 0.00	45.16 2.84 0.00	40.16 2.63 0.00	30.46 1.86 0.00	27.84 1.77 0.00	27.38 1.82 0.00	27.84 1.92 0.00	28.77 1.93 0.00	30.06 2.04 0.00	34.83 2.49 0.00	41.58 2.90 0.00	55.49 4.02 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.47 2.74 0.00	36.24 2.12 0.00	31.52 1.84 0.00	28.62 1.62 0.00
CH_RES_BVR_FALLS 23983	21.62 -0.67 0.00	20.71 -0.62 0.00	19.28 -0.58 0.00	18.76 -0.56 0.00	19.62 -0.57 0.00	22.80 -0.68 0.00	32.71 -0.87 0.00	41.27 -1.06 0.00	36.71 -0.83 0.00	28.03 -0.57 0.00	25.60 -0.47 0.00	25.13 -0.43 0.00	25.48 -0.44 0.00	26.41 -0.43 0.00	27.56 -0.45 0.00	31.76 -0.58 0.00	38.06 -0.62 0.00	50.75 -0.72 0.00	55.19 -1.19 0.00	48.14 -0.93 0.00	39.01 -0.71 0.00	33.58 -0.55 0.00	29.26 -0.42 0.00	26.78 -0.22 0.00
CH_RES_NIAGARA 23895	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.30 -1.17 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.14 -0.78 0.00	26.03 -0.81 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.40 -2.28 0.00	46.79 -4.68 0.00	52.43 -3.95 0.00	45.35 -3.68 0.00	36.63 -3.10 0.00	32.11 -2.01 0.00	28.13 -1.54 0.00	25.73 -1.27 0.00
CH_RES_SYRACUSE 23985	22.04 -0.24 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.48 -0.10 0.00	42.12 -0.21 0.00	37.12 -0.41 0.00	28.37 -0.23 0.00	25.78 -0.29 0.00	25.23 -0.33 0.00	25.58 -0.34 0.00	26.49 -0.35 0.00	27.68 -0.33 0.00	31.99 -0.36 0.00	38.22 -0.46 0.00	52.84 -0.77 -2.14	56.84 -0.51 -0.97	49.21 -0.49 -0.63	39.25 -0.47 0.00	33.75 -0.37 0.00	29.32 -0.35 0.00	26.59 -0.40 0.00
CLINTON_WT_PWR 323605	-7.01 -0.98 28.32	-6.99 -0.88 27.45	-7.01 -0.87 25.99	-7.01 -0.85 25.48	0.19 -0.87 19.14	22.40 -1.08 0.00	32.27 -1.31 0.00	40.72 -1.61 0.00	36.26 -1.28 0.00	27.74 -0.86 0.00	25.31 -0.76 0.00	24.82 -0.74 0.00	25.15 -0.78 0.00	26.14 -0.70 0.00	27.34 -0.67 0.00	31.14 -1.20 0.00	37.32 -1.35 0.00	50.13 -1.34 0.00	54.29 -2.08 0.00	47.35 -1.72 0.00	38.42 -1.31 0.00	33.41 -0.72 0.00	29.14 -0.53 0.00	27.13 0.14 0.00
CLINTON___LFGE 323618	-7.31 -0.51 29.09	-7.28 -0.43 28.19	-7.31 -0.48 26.69	-7.31 -0.46 26.16	0.01 -0.53 19.65	22.77 -0.70 0.00	32.97 -0.60 0.00	41.57 -0.76 0.00	37.12 -0.41 0.00	28.40 -0.20 0.00	25.88 -0.18 0.00	25.41 -0.15 0.00	25.71 -0.21 0.00	26.76 -0.08 0.00	28.01 0.00 0.00	31.30 -1.04 0.00	37.21 -1.47 0.00	50.09 -1.39 0.00	54.35 -2.03 0.00	47.26 -1.81 0.00	38.22 -1.51 0.00	33.65 -0.48 0.00	29.26 -0.42 0.00	27.81 0.81 0.00
COBBLENY_34_KV_TB1 80064	21.46 -0.82 0.00	20.58 -0.75 0.00	19.20 -0.66 0.00	18.72 -0.60 0.00	19.62 -0.57 0.00	23.01 -0.47 0.00	33.21 -0.37 0.00	41.39 -0.93 0.00	36.71 -0.83 0.00	28.63 0.03 0.00	26.46 0.39 0.00	25.89 0.33 0.00	26.16 0.23 0.00	27.11 0.27 0.00	28.27 0.25 0.00	32.08 -0.26 0.00	37.94 -0.73 0.00	49.11 -2.37 0.00	55.08 -1.30 0.00	46.58 -2.45 0.04	38.18 -1.55 0.00	33.34 -0.78 0.00	29.23 -0.45 0.00	26.65 -0.35 0.00
COFFEEN___115KV_TB3 355620	23.26 -0.11 -1.08	22.31 -0.06 -1.05	20.77 -0.08 -0.99	20.27 -0.02 -0.97	20.92 0.00 -0.73	23.69 0.21 0.00	34.25 0.67 0.00	43.30 0.97 0.00	38.25 0.71 0.00	28.88 0.29 0.00	26.01 -0.05 0.00	25.46 -0.10 0.00	25.64 -0.29 0.00	26.52 -0.32 0.00	27.73 -0.28 0.00	32.31 -0.03 0.00	38.76 0.08 0.00	53.69 0.51 -1.70	58.39 1.24 -0.77	50.91 1.32 -0.51	40.60 0.87 0.00	34.74 0.61 0.00	30.21 0.53 0.00	27.35 0.35 0.00
COLDSPRG_115KV_BK1 355956	21.80 -0.49 0.00	20.88 -0.45 0.00	19.52 -0.34 0.00	19.01 -0.31 0.00	19.97 -0.22 0.00	23.50 0.02 0.00	33.98 0.40 0.00	42.54 0.21 0.00	37.76 0.23 0.00	29.40 0.80 0.00	27.32 1.25 0.00	26.79 1.23 0.00	27.01 1.09 0.00	27.94 1.10 0.00	29.08 1.06 0.00	32.92 0.58 0.00	38.91 0.23 0.00	50.65 -0.82 0.00	56.88 0.51 0.00	47.32 -1.72 0.04	39.13 -0.60 0.00	34.12 0.00 0.00	29.97 0.30 0.00	27.27 0.27 0.00
COLONIE_LFGE___ 323577	23.05 0.76 0.00	22.06 0.73 0.00	20.51 0.65 0.00	19.94 0.62 0.00	20.88 0.69 0.00	24.58 1.10 0.00	35.12 1.55 0.00	44.40 2.07 0.00	39.34 1.80 0.00	29.74 1.15 0.00	27.11 1.04 0.00	26.56 1.00 0.00	27.01 1.09 0.00	27.91 1.07 0.00	29.13 1.12 0.00	33.80 1.46 0.00	40.61 1.93 0.00	54.20 2.73 0.00	59.76 3.38 0.00	51.53 2.45 0.00	41.67 1.95 0.00	35.69 1.57 0.00	30.98 1.30 0.00	28.10 1.11 0.00
COOPERNY_115KV_TB1 80082	23.09 0.80 0.00	22.06 0.73 0.00	20.53 0.68 0.00	19.96 0.64 0.00	20.84 0.65 0.00	24.46 0.99 0.00	34.92 1.34 0.00	44.10 1.78 0.00	39.26 1.73 0.00	29.89 1.29 0.00	27.32 1.25 0.00	26.87 1.30 0.00	27.27 1.35 0.00	28.23 1.40 0.00	29.39 1.37 0.00	33.89 1.55 0.00	40.38 1.70 0.00	53.84 2.37 0.00	59.48 3.10 0.00	51.13 2.06 0.00	41.43 1.71 0.00	35.49 1.36 0.00	30.86 1.19 0.00	28.10 1.11 0.00
COPENHAGEN_WT_PWR 323753	23.04 -0.27 -1.02	22.11 -0.21 -0.99	20.57 -0.22 -0.94	20.08 -0.16 -0.92	20.74 -0.14 -0.69	23.50 0.02 0.00	33.88 0.30 0.00	42.84 0.51 0.00	37.87 0.34 0.00	28.63 0.03 0.00	25.88 -0.18 0.00	25.31 -0.26 0.00	25.53 -0.39 0.00	26.41 -0.43 0.00	27.62 -0.39 0.00	32.08 -0.26 0.00	38.45 -0.23 0.00	53.25 0.00 -1.78	57.74 0.56 -0.81	50.29 0.69 -0.53	40.12 0.40 0.00	34.40 0.27 0.00	29.88 0.21 0.00	27.13 0.14 0.00
CORNELL_____ 23752	22.56 0.27 0.00	21.57 0.23 0.00	20.09 0.24 0.00	19.55 0.23 0.00	20.45 0.26 0.00	23.99 0.52 0.00	34.55 0.97 0.00	43.51 1.19 0.00	37.87 0.34 0.00	28.91 0.31 0.00	26.14 0.08 0.00	25.56 0.00 0.00	25.87 -0.05 0.00	26.81 -0.03 0.00	28.04 0.03 0.00	32.44 0.10 0.00	38.76 0.08 0.00	52.81 0.21 -1.13	57.67 0.79 -0.51	49.98 0.59 -0.32	40.04 0.32 0.00	34.40 0.27 0.00	29.91 0.24 0.00	27.08 0.08 0.00

CORONA__69_KV_TB1 355595	23.89 1.60 0.00	22.80 1.47 0.00	21.15 1.29 0.00	20.54 1.22 0.00	21.46 1.27 0.00	25.21 1.74 0.00	35.53 1.95 0.00	44.66 2.41 0.07	39.33 2.36 0.57	30.43 1.83 0.00	28.12 2.06 0.00	27.76 2.20 0.00	28.20 2.28 0.00	29.31 2.47 0.00	30.37 2.35 0.00	34.43 2.43 0.34	41.32 2.67 0.03	55.28 3.81 0.00	61.28 4.90 0.00	52.26 3.19 0.00	42.27 2.54 0.00	36.24 2.12 0.00	31.49 1.81 0.00	28.97 1.97 0.00
CORTLAND__115KV_TB3 80093	22.38 0.09 0.00	21.42 0.09 0.00	19.93 0.08 0.00	19.40 0.08 0.00	20.29 0.10 0.00	23.78 0.31 0.00	34.15 0.57 0.00	43.00 0.68 0.00	37.50 -0.04 0.00	28.63 0.03 0.00	25.93 -0.13 0.00	25.38 -0.18 0.00	25.71 -0.21 0.00	26.65 -0.19 0.00	27.85 -0.17 0.00	32.18 -0.16 0.00	38.45 -0.23 0.00	52.60 -0.31 -1.44	57.14 0.11 -0.65	49.49 0.00 -0.42	39.61 -0.12 0.00	34.06 -0.07 0.00	29.59 -0.09 0.00	26.84 -0.16 0.00
COXSACKIE__GT 23611	23.05 0.76 0.00	22.10 0.77 0.00	20.61 0.75 0.00	20.07 0.75 0.00	21.02 0.83 0.00	24.77 1.29 0.00	35.63 2.05 0.00	45.16 2.84 0.00	39.75 2.21 0.00	29.66 1.06 0.00	26.74 0.68 0.00	26.05 0.48 0.00	26.52 0.60 0.00	27.32 0.48 0.00	28.77 0.76 0.00	33.67 1.33 0.00	40.84 2.16 0.00	54.98 3.50 0.00	60.94 4.56 0.00	52.36 3.29 0.00	42.15 2.42 0.00	35.97 1.84 0.00	31.07 1.40 0.00	28.24 1.24 0.00
CPV_VALLEY__CC1 323721	23.27 0.98 0.00	22.21 0.87 0.00	20.67 0.81 0.00	20.07 0.75 0.00	20.98 0.79 0.00	24.63 1.15 0.00	35.12 1.55 0.00	44.40 2.07 0.00	39.49 1.95 0.00	30.06 1.46 0.00	27.52 1.46 0.00	27.07 1.51 0.00	27.50 1.58 0.00	28.45 1.61 0.00	29.64 1.62 0.00	34.25 1.91 0.00	40.84 2.16 0.00	54.51 3.04 0.00	60.09 3.72 0.00	51.72 2.65 0.00	41.83 2.10 0.00	35.76 1.64 0.00	31.13 1.45 0.00	28.24 1.24 0.00
CPV_VALLEY__CC2 323722	23.27 0.98 0.00	22.21 0.87 0.00	20.67 0.81 0.00	20.07 0.75 0.00	20.98 0.79 0.00	24.63 1.15 0.00	35.12 1.55 0.00	44.40 2.07 0.00	39.49 1.95 0.00	30.06 1.46 0.00	27.52 1.46 0.00	27.07 1.51 0.00	27.50 1.58 0.00	28.45 1.61 0.00	29.64 1.62 0.00	34.25 1.91 0.00	40.84 2.16 0.00	54.51 3.04 0.00	60.09 3.72 0.00	51.72 2.65 0.00	41.83 2.10 0.00	35.76 1.64 0.00	31.13 1.45 0.00	28.24 1.24 0.00
CRESCENT__HYD 24018	23.05 0.76 0.00	22.06 0.73 0.00	20.51 0.65 0.00	19.94 0.62 0.00	20.88 0.69 0.00	24.58 1.10 0.00	35.12 1.55 0.00	44.40 2.07 0.00	39.34 1.80 0.00	29.74 1.15 0.00	27.11 1.04 0.00	26.56 1.00 0.00	27.01 1.09 0.00	27.91 1.07 0.00	29.13 1.12 0.00	33.80 1.46 0.00	40.61 1.93 0.00	54.20 2.73 0.00	59.76 3.38 0.00	51.53 2.45 0.00	41.67 1.95 0.00	35.69 1.57 0.00	30.98 1.30 0.00	28.10 1.11 0.00
CRICKET__VALLEY_CC1 323756	23.40 1.11 0.00	22.36 1.02 0.00	20.79 0.93 0.00	20.21 0.89 0.00	21.10 0.91 0.00	24.82 1.34 0.00	35.36 1.78 0.00	44.74 2.41 0.00	39.75 2.21 0.00	30.17 1.57 0.00	27.63 1.56 0.00	27.15 1.59 0.00	27.61 1.68 0.00	28.56 1.72 0.00	29.75 1.74 0.00	34.44 2.10 0.00	41.19 2.51 0.00	54.92 3.45 0.00	60.55 4.17 0.00	51.97 2.89 0.00	42.07 2.34 0.00	35.97 1.84 0.00	31.31 1.63 0.00	28.40 1.40 0.00
CRICKET__VALLEY_CC2 323757	23.40 1.11 0.00	22.36 1.02 0.00	20.79 0.93 0.00	20.21 0.89 0.00	21.10 0.91 0.00	24.82 1.34 0.00	35.36 1.78 0.00	44.74 2.41 0.00	39.75 2.21 0.00	30.17 1.57 0.00	27.63 1.56 0.00	27.15 1.59 0.00	27.61 1.68 0.00	28.56 1.72 0.00	29.75 1.74 0.00	34.44 2.10 0.00	41.19 2.51 0.00	54.92 3.45 0.00	60.55 4.17 0.00	51.97 2.89 0.00	42.07 2.34 0.00	35.97 1.84 0.00	31.31 1.63 0.00	28.40 1.40 0.00
CRICKET__VALLEY_CC3 323758	23.40 1.11 0.00	22.36 1.02 0.00	20.79 0.93 0.00	20.21 0.89 0.00	21.10 0.91 0.00	24.82 1.34 0.00	35.36 1.78 0.00	44.74 2.41 0.00	39.75 2.21 0.00	30.17 1.57 0.00	27.63 1.56 0.00	27.15 1.59 0.00	27.61 1.68 0.00	28.56 1.72 0.00	29.75 1.74 0.00	34.44 2.10 0.00	41.19 2.51 0.00	54.92 3.45 0.00	60.55 4.17 0.00	51.97 2.89 0.00	42.07 2.34 0.00	35.97 1.84 0.00	31.31 1.63 0.00	28.40 1.40 0.00
CRUCIBLE__METL_DRP 24180	22.04 -0.25 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.48 -0.10 0.00	42.11 -0.21 0.00	37.12 -0.41 0.00	28.37 -0.23 0.00	25.78 -0.29 0.00	25.23 -0.33 0.00	25.59 -0.34 0.00	26.49 -0.35 0.00	27.68 -0.34 0.00	31.95 -0.39 0.00	38.10 -0.58 0.00	52.79 -0.82 -2.14	56.84 -0.51 -0.97	49.16 -0.54 -0.63	39.17 -0.56 0.00	33.71 -0.41 0.00	29.29 -0.39 0.00	26.59 -0.40 0.00
DAHOWA__HYDRO 323763	23.16 0.87 0.00	22.21 0.87 0.00	20.59 0.74 0.00	20.03 0.72 0.00	21.02 0.83 0.00	24.79 1.31 0.00	35.46 1.88 0.00	44.82 2.50 0.00	39.71 2.18 0.00	29.92 1.32 0.00	27.13 1.07 0.00	26.59 1.02 0.00	27.06 1.14 0.00	27.94 1.10 0.00	29.22 1.20 0.00	33.89 1.55 0.00	40.84 2.16 0.00	54.72 3.24 0.00	60.49 4.11 0.00	52.17 3.09 0.00	42.11 2.38 0.00	36.07 1.94 0.00	31.25 1.57 0.00	28.32 1.32 0.00
DANC__LFGE 323619	22.63 -0.36 -0.70	21.69 -0.32 -0.68	20.20 -0.30 -0.64	19.70 -0.25 -0.63	20.40 -0.26 -0.47	23.34 -0.14 0.00	33.51 -0.07 0.00	42.28 -0.04 0.00	37.35 -0.19 0.00	28.37 -0.23 0.00	25.70 -0.36 0.00	25.15 -0.41 0.00	25.40 -0.52 0.00	26.30 -0.54 0.00	27.48 -0.53 0.00	31.86 -0.48 0.00	38.18 -0.50 0.00	53.12 -0.57 -2.21	57.21 -0.17 -1.00	49.74 0.00 -0.67	39.61 -0.12 0.00	34.02 -0.10 0.00	29.56 -0.12 0.00	26.81 -0.19 0.00
DANSKAMMER__1 23586	23.56 1.27 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.32 1.00 0.00	21.22 1.03 0.00	24.96 1.48 0.00	35.63 2.05 0.00	45.16 2.84 0.00	40.16 2.63 0.00	30.46 1.86 0.00	27.84 1.77 0.00	27.38 1.82 0.00	27.84 1.92 0.00	28.77 1.93 0.00	30.06 2.04 0.00	34.83 2.49 0.00	41.58 2.90 0.00	55.49 4.02 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.47 2.74 0.00	36.24 2.12 0.00	31.52 1.84 0.00	28.62 1.62 0.00
DANSKAMMER__2 23589	23.56 1.27 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.32 1.00 0.00	21.22 1.03 0.00	24.96 1.48 0.00	35.63 2.05 0.00	45.16 2.84 0.00	40.16 2.63 0.00	30.46 1.86 0.00	27.84 1.77 0.00	27.38 1.82 0.00	27.84 1.92 0.00	28.77 1.93 0.00	30.06 2.04 0.00	34.83 2.49 0.00	41.58 2.90 0.00	55.49 4.02 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.47 2.74 0.00	36.24 2.12 0.00	31.52 1.84 0.00	28.62 1.62 0.00
DANSKAMMER__3 23590	23.56 1.27 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.32 1.00 0.00	21.22 1.03 0.00	24.96 1.48 0.00	35.63 2.05 0.00	45.16 2.84 0.00	40.16 2.63 0.00	30.46 1.86 0.00	27.84 1.77 0.00	27.38 1.82 0.00	27.84 1.92 0.00	28.77 1.93 0.00	30.06 2.04 0.00	34.83 2.49 0.00	41.58 2.90 0.00	55.49 4.02 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.47 2.74 0.00	36.24 2.12 0.00	31.52 1.84 0.00	28.62 1.62 0.00

DANSKAMMER___4 23591	23.56 1.27 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.32 1.00 0.00	21.22 1.03 0.00	24.96 1.48 0.00	35.63 2.05 0.00	45.16 2.84 0.00	40.16 2.63 0.00	30.46 1.86 0.00	27.84 1.77 0.00	27.38 1.82 0.00	27.84 1.92 0.00	28.77 1.93 0.00	30.06 2.04 0.00	34.83 2.49 0.00	41.58 2.90 0.00	55.49 4.02 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.47 2.74 0.00	36.24 2.12 0.00	31.52 1.84 0.00	28.62 1.62 0.00
DANSKAMMER___DIESEL 23592	23.56 1.27 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.32 1.00 0.00	21.22 1.03 0.00	24.98 1.50 0.00	35.63 2.05 0.00	45.16 2.84 0.00	40.16 2.63 0.00	30.46 1.86 0.00	27.84 1.77 0.00	27.38 1.81 0.00	27.84 1.92 0.00	28.80 1.96 0.00	30.06 2.04 0.00	34.70 2.36 0.00	41.39 2.71 0.00	55.23 3.76 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.35 2.62 0.00	36.17 2.05 0.00	31.43 1.75 0.00	28.64 1.65 0.00
DARBY___SOLAR 323810	23.14 0.85 0.00	22.19 0.85 0.00	20.57 0.71 0.00	19.99 0.68 0.00	20.98 0.79 0.00	24.74 1.27 0.00	35.36 1.78 0.00	44.74 2.41 0.00	39.64 2.10 0.00	29.89 1.29 0.00	27.13 1.07 0.00	26.59 1.02 0.00	27.06 1.14 0.00	27.94 1.10 0.00	29.22 1.20 0.00	33.89 1.55 0.00	40.77 2.09 0.00	54.56 3.09 0.00	60.32 3.94 0.00	52.02 2.94 0.00	41.99 2.26 0.00	35.97 1.84 0.00	31.19 1.51 0.00	28.27 1.27 0.00
DASHVILLE___HYD 23610	23.36 1.07 0.00	22.29 0.96 0.00	20.73 0.87 0.00	20.15 0.83 0.00	21.02 0.83 0.00	24.72 1.24 0.00	35.26 1.68 0.00	44.61 2.29 0.00	39.64 2.10 0.00	30.11 1.52 0.00	27.55 1.49 0.00	27.12 1.56 0.00	27.58 1.66 0.00	28.53 1.69 0.00	29.75 1.74 0.00	34.35 2.01 0.00	40.85 2.17 0.00	54.51 3.04 0.00	60.32 3.95 0.00	51.58 2.50 0.00	41.79 2.07 0.00	35.69 1.57 0.00	31.07 1.39 0.00	28.35 1.35 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.30 2.01 0.00	23.36 2.03 0.00	21.62 1.77 0.00	20.98 1.66 0.00	21.99 1.80 0.00	25.75 2.28 0.00	35.83 2.25 0.00	44.07 2.37 0.63	35.32 2.29 4.51	30.22 1.63 0.01	28.07 2.01 0.00	27.76 2.20 0.00	28.10 2.18 0.00	29.31 2.47 0.00	30.25 2.24 0.00	31.96 2.30 2.68	41.06 2.63 0.25	55.43 3.96 0.01	61.50 5.13 0.01	52.30 3.24 0.01	42.30 2.58 0.01	36.40 2.29 0.01	31.60 1.93 0.00	29.35 2.35 0.00
DELAWARE___LFGE 323621	23.00 0.71 0.00	21.99 0.66 0.00	20.45 0.60 0.00	19.92 0.60 0.00	20.82 0.63 0.00	24.44 0.96 0.00	35.02 1.44 0.00	44.15 1.82 0.00	39.38 1.84 0.00	29.97 1.37 0.00	27.32 1.25 0.00	26.84 1.28 0.00	27.19 1.27 0.00	28.13 1.29 0.00	29.33 1.32 0.00	33.86 1.52 0.00	40.38 1.70 0.00	53.79 2.32 0.00	59.53 3.16 0.00	51.27 2.21 0.01	41.55 1.83 0.00	35.63 1.50 0.00	31.04 1.37 0.00	28.21 1.21 0.00
DERFIELD_115KV_TB7 355931	22.36 0.07 0.00	21.40 0.06 0.00	19.91 0.06 0.00	19.38 0.06 0.00	20.25 0.06 0.00	23.62 0.14 0.00	33.78 0.20 0.00	42.58 0.25 0.00	37.76 0.23 0.00	28.74 0.14 0.00	26.19 0.13 0.00	25.69 0.13 0.00	26.05 0.13 0.00	26.97 0.13 0.00	28.15 0.14 0.00	32.50 0.16 0.00	38.87 0.19 0.00	51.73 0.26 0.00	56.83 0.45 0.00	49.32 0.25 0.00	39.89 0.16 0.00	34.26 0.14 0.00	29.79 0.12 0.00	27.11 0.11 0.00
DOGLEVILLE___HYD 23807	21.67 -0.62 0.00	20.73 -0.60 0.00	19.32 -0.54 0.00	18.82 -0.50 0.00	19.66 -0.53 0.00	22.96 -0.52 0.00	32.91 -0.67 0.00	41.57 -0.76 0.00	36.90 -0.64 0.00	28.05 -0.54 0.00	25.52 -0.55 0.00	25.02 -0.54 0.00	25.33 -0.60 0.00	26.22 -0.62 0.00	27.34 -0.67 0.00	31.69 -0.65 0.00	37.91 -0.77 0.00	50.39 -1.08 0.00	55.36 -1.01 0.00	48.14 -0.93 0.00	38.93 -0.79 0.00	33.47 -0.65 0.00	29.14 -0.53 0.00	26.48 -0.51 0.00
DUNKIRK___115KV_TB_200 55889	21.49 -0.80 0.00	20.58 -0.75 0.00	19.22 -0.64 0.00	18.72 -0.60 0.00	19.64 -0.55 0.00	23.06 -0.42 0.00	33.24 -0.34 0.00	41.48 -0.85 0.00	36.82 -0.71 0.00	28.74 0.14 0.00	26.66 0.60 0.00	26.12 0.56 0.00	26.39 0.47 0.00	27.32 0.48 0.00	28.46 0.45 0.00	32.24 -0.10 0.00	38.14 -0.54 0.00	49.47 -2.01 0.00	55.47 -0.90 0.00	46.97 -2.06 0.04	38.38 -1.35 0.00	33.51 -0.61 0.00	29.38 -0.30 0.00	26.78 -0.22 0.00
DUNKIRK___1 23563	21.49 -0.80 0.00	20.58 -0.75 0.00	19.22 -0.64 0.00	18.72 -0.60 0.00	19.64 -0.55 0.00	23.06 -0.42 0.00	33.24 -0.34 0.00	41.48 -0.85 0.00	36.82 -0.71 0.00	28.74 0.14 0.00	26.66 0.60 0.00	26.12 0.56 0.00	26.39 0.47 0.00	27.32 0.48 0.00	28.46 0.45 0.00	32.24 -0.10 0.00	38.14 -0.54 0.00	49.47 -2.01 0.00	55.47 -0.90 0.00	46.97 -2.06 0.04	38.38 -1.35 0.00	33.51 -0.61 0.00	29.38 -0.30 0.00	26.78 -0.22 0.00
DUNKIRK___2 23564	21.49 -0.80 0.00	20.58 -0.75 0.00	19.22 -0.64 0.00	18.72 -0.60 0.00	19.64 -0.55 0.00	23.06 -0.42 0.00	33.24 -0.34 0.00	41.48 -0.85 0.00	36.82 -0.71 0.00	28.74 0.14 0.00	26.66 0.60 0.00	26.12 0.56 0.00	26.39 0.47 0.00	27.32 0.48 0.00	28.46 0.45 0.00	32.24 -0.10 0.00	38.14 -0.54 0.00	49.47 -2.01 0.00	55.47 -0.90 0.00	46.97 -2.06 0.04	38.38 -1.35 0.00	33.51 -0.61 0.00	29.38 -0.30 0.00	26.78 -0.22 0.00
DUNKIRK___3 23565	21.49 -0.80 0.00	20.58 -0.75 0.00	19.20 -0.66 0.00	18.72 -0.60 0.00	19.62 -0.57 0.00	23.03 -0.45 0.00	33.18 -0.40 0.00	41.39 -0.93 0.00	36.71 -0.83 0.00	28.66 0.06 0.00	26.53 0.47 0.00	26.00 0.43 0.00	26.26 0.34 0.00	27.19 0.35 0.00	28.32 0.31 0.00	32.11 -0.23 0.00	37.98 -0.70 0.00	49.26 -2.21 0.00	55.25 -1.13 0.00	46.78 -2.26 0.04	38.26 -1.47 0.00	33.41 -0.72 0.00	29.29 -0.39 0.00	26.70 -0.30 0.00
DUNKIRK___4 23566	21.49 -0.80 0.00	20.58 -0.75 0.00	19.20 -0.66 0.00	18.72 -0.60 0.00	19.62 -0.57 0.00	23.03 -0.45 0.00	33.18 -0.40 0.00	41.39 -0.93 0.00	36.71 -0.83 0.00	28.66 0.06 0.00	26.53 0.47 0.00	26.00 0.43 0.00	26.26 0.34 0.00	27.19 0.35 0.00	28.32 0.31 0.00	32.11 -0.23 0.00	37.98 -0.70 0.00	49.26 -2.21 0.00	55.25 -1.13 0.00	46.78 -2.26 0.04	38.26 -1.47 0.00	33.41 -0.72 0.00	29.29 -0.39 0.00	26.70 -0.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.67 1.38 0.00	22.57 1.24 0.00	20.99 1.13 0.00	20.38 1.06 0.00	21.28 1.09 0.00	25.03 1.55 0.00	35.63 2.05 0.00	45.08 2.75 0.00	40.16 2.63 0.00	30.57 1.97 0.00	28.04 1.98 0.00	27.63 2.07 0.00	28.13 2.20 0.00	29.15 2.31 0.00	30.31 2.30 0.00	34.90 2.55 0.00	41.46 2.78 0.00	55.28 3.81 0.00	61.17 4.79 0.00	52.31 3.24 0.00	42.39 2.66 0.00	36.24 2.12 0.00	31.52 1.84 0.00	28.70 1.70 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.45 1.16 0.00	22.38 1.05 0.00	20.81 0.95 0.00	20.23 0.91 0.00	21.12 0.93 0.00	24.84 1.36 0.00	35.43 1.85 0.00	44.91 2.58 0.00	39.90 2.36 0.00	30.31 1.72 0.00	27.73 1.67 0.00	27.28 1.71 0.00	27.74 1.81 0.00	28.66 1.82 0.00	29.92 1.90 0.00	34.51 2.17 0.00	41.12 2.44 0.00	54.92 3.45 0.00	60.77 4.40 0.00	52.02 2.94 0.00	42.11 2.38 0.00	35.97 1.84 0.00	31.28 1.60 0.00	28.51 1.51 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.84 1.54 -0.01	22.77 1.43 -0.01	21.17 1.31 -0.01	20.56 1.24 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.79 2.22 0.00	45.08 2.75 0.00	40.28 2.74 0.00	30.76 2.17 0.01	28.15 2.09 0.00	27.76 2.20 0.00	28.28 2.36 0.00	29.33 2.50 0.00	30.48 2.47 0.00	35.09 2.75 0.00	41.43 2.75 0.00	55.18 3.71 0.00	60.94 4.57 0.00	52.12 3.04 0.00	42.23 2.50 0.00	36.17 2.05 0.00	31.79 2.11 -0.01	28.95 1.94 -0.01
E179THST_13_KV_LOAD 356214	23.92 1.63 -0.01	22.85 1.51 -0.01	21.23 1.37 -0.01	20.64 1.31 -0.01	21.53 1.33 -0.01	25.29 1.81 -0.01	35.93 2.35 0.00	45.25 2.92 0.00	40.43 2.89 0.00	30.88 2.29 0.01	28.25 2.19 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.47 2.63 0.00	30.62 2.61 0.00	35.25 2.91 0.00	41.66 2.98 0.00	55.44 3.96 0.00	61.28 4.90 0.00	52.36 3.29 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.91 2.23 -0.01	29.06 2.05 -0.01
EAST HAMPTON___GT 23717	24.52 2.23 0.00	23.55 2.22 0.00	21.80 1.95 0.00	21.17 1.85 0.00	22.17 1.98 0.00	25.99 2.51 0.00	36.19 2.62 0.01	44.53 2.84 0.64	35.80 2.78 4.51	30.47 1.89 0.02	28.33 2.27 0.00	28.02 2.45 0.00	28.36 2.44 0.00	29.41 2.58 0.00	30.54 2.52 0.00	32.43 2.78 2.69	41.86 3.44 0.26	56.51 5.05 0.01	62.68 6.31 0.01	53.32 4.27 0.02	42.85 3.14 0.02	36.92 2.80 0.01	32.08 2.40 0.00	29.35 2.35 0.00
EAST RIVER___6 23660	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.24 2.92 0.00	40.35 2.82 0.00	30.77 2.17 0.00	28.23 2.16 0.00	27.86 2.30 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.59 2.58 0.00	35.38 3.04 0.00	41.93 3.25 0.00	55.80 4.32 0.00	61.45 5.08 0.00	52.76 3.68 0.00	42.67 2.94 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.73 1.73 0.00
EAST RIVER___7 23524	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.24 2.92 0.00	40.35 2.82 0.00	30.77 2.17 0.00	28.23 2.16 0.00	27.86 2.30 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.59 2.58 0.00	35.38 3.04 0.00	41.93 3.25 0.00	55.80 4.32 0.00	61.45 5.08 0.00	52.76 3.68 0.00	42.67 2.94 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.73 1.73 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.65 1.36 0.00	22.55 1.22 0.00	20.97 1.11 0.00	20.36 1.04 0.00	21.26 1.07 0.00	24.98 1.50 0.00	35.56 1.98 0.00	44.99 2.67 0.00	40.09 2.55 0.00	30.52 1.92 0.00	27.97 1.90 0.00	27.58 2.02 0.00	28.05 2.13 0.00	29.06 2.23 0.00	30.23 2.21 0.00	34.83 2.49 0.00	41.39 2.71 0.00	55.18 3.71 0.00	61.05 4.68 0.00	52.21 3.14 0.00	42.31 2.58 0.00	36.17 2.05 0.00	31.46 1.78 0.00	28.64 1.65 0.00
EAST_HAMPTON___DIESEL 23722	24.52 2.23 0.00	23.55 2.22 0.00	21.82 1.97 0.00	21.17 1.85 0.00	22.19 2.00 0.00	25.99 2.51 0.00	36.19 2.62 0.01	44.53 2.84 0.64	35.80 2.78 4.51	30.47 1.89 0.02	28.33 2.27 0.00	28.02 2.45 0.00	28.36 2.44 0.00	29.41 2.58 0.00	30.54 2.52 0.00	32.43 2.78 2.69	41.86 3.44 0.26	56.51 5.05 0.01	62.68 6.31 0.01	53.32 4.27 0.02	42.89 3.18 0.02	36.92 2.80 0.01	32.08 2.40 0.00	29.35 2.35 0.00
EAST_POINT___SOLAR 323840	24.23 1.94 0.00	23.25 1.92 0.00	21.50 1.65 0.00	20.94 1.62 0.00	22.05 1.86 0.00	26.04 2.56 0.00	37.34 3.76 0.00	46.94 4.61 0.00	40.47 2.93 0.00	30.03 1.43 0.00	26.77 0.70 0.00	26.23 0.66 0.00	26.67 0.75 0.00	27.56 0.72 0.00	29.22 1.20 0.00	34.18 1.84 0.00	42.51 3.83 0.00	57.44 5.97 0.00	63.76 7.38 0.00	55.01 5.94 0.00	44.33 4.61 0.00	38.08 3.96 0.00	32.91 3.24 0.00	29.75 2.76 0.00
EAST_PULASKI___ESR 323781	21.87 -0.42 0.00	20.95 -0.38 0.00	19.52 -0.34 0.00	18.99 -0.33 0.00	19.87 -0.32 0.00	23.22 -0.26 0.00	33.21 -0.37 0.00	41.86 -0.46 0.00	36.93 -0.60 0.00	28.17 -0.43 0.00	25.57 -0.50 0.00	25.02 -0.54 0.00	25.33 -0.60 0.00	26.22 -0.62 0.00	27.40 -0.62 0.00	31.73 -0.62 0.00	37.94 -0.74 0.00	53.57 -1.03 -3.12	57.06 -0.73 -1.42	49.38 -0.64 -0.95	39.13 -0.59 0.00	33.68 -0.44 0.00	29.26 -0.42 0.00	26.51 -0.49 0.00
EAST_RIVER___1 323558	23.83 1.54 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.33 3.01 0.00	40.43 2.89 0.00	30.83 2.23 0.00	28.25 2.19 0.00	27.89 2.33 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.59 2.58 0.00	35.38 3.04 0.00	41.97 3.29 0.00	55.85 4.37 0.00	61.62 5.24 0.00	52.85 3.78 0.00	42.74 3.02 0.00	36.48 2.35 0.00	31.81 2.14 0.00	28.81 1.81 0.00
EAST_RIVER___2 323559	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.24 2.92 0.00	40.35 2.82 0.00	30.77 2.17 0.00	28.23 2.16 0.00	27.86 2.30 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.59 2.58 0.00	35.38 3.04 0.00	41.93 3.25 0.00	55.80 4.32 0.00	61.45 5.08 0.00	52.76 3.68 0.00	42.67 2.94 0.00	36.41 2.29 0.00	31.75 2.08 0.00	28.73 1.73 0.00
EAST___DELAWARE_HYD 23607	23.49 1.20 0.00	22.42 1.09 0.00	20.87 1.01 0.00	20.28 0.97 0.00	21.18 0.99 0.00	24.91 1.43 0.00	35.63 2.05 0.00	45.16 2.84 0.00	40.12 2.59 0.00	30.43 1.83 0.00	27.76 1.69 0.00	27.28 1.71 0.00	27.71 1.79 0.00	28.64 1.80 0.00	29.92 1.91 0.00	34.70 2.36 0.00	41.43 2.75 0.00	55.34 3.86 0.00	61.16 4.79 0.00	52.56 3.48 0.00	42.47 2.74 0.00	36.21 2.08 0.00	31.49 1.81 0.00	28.59 1.59 0.00
EIGHT_POINT___WT_PWR 323820	21.49 -0.80 0.00	20.52 -0.81 0.00	19.24 -0.62 0.00	18.70 -0.62 0.00	19.65 -0.54 0.00	23.06 -0.42 0.00	33.18 -0.40 0.00	41.48 -0.85 0.00	37.42 -0.11 0.00	29.28 0.69 0.00	26.92 0.86 0.00	26.43 0.87 0.00	26.78 0.85 0.00	27.75 0.91 0.00	28.88 0.87 0.00	33.02 0.68 0.00	39.22 0.54 0.00	51.52 0.05 0.00	57.44 1.07 0.00	49.04 0.00 0.03	39.97 0.24 0.00	34.57 0.44 0.00	30.12 0.45 0.00	27.35 0.35 0.00
ELBRIDGE_115KV_TB2 80188	21.96 -0.33 0.00	21.01 -0.32 0.00	19.58 -0.28 0.00	19.05 -0.27 0.00	19.91 -0.28 0.00	23.27 -0.21 0.00	33.31 -0.27 0.00	41.90 -0.42 0.00	36.90 -0.64 0.00	28.23 -0.37 0.00	25.65 -0.42 0.00	25.13 -0.43 0.00	25.46 -0.47 0.00	26.38 -0.46 0.00	27.57 -0.45 0.00	31.79 -0.55 0.00	37.91 -0.77 0.00	52.68 -1.08 -2.29	56.57 -0.85 -1.04	48.91 -0.83 -0.68	38.97 -0.75 0.00	33.54 -0.58 0.00	29.14 -0.53 0.00	26.46 -0.54 0.00
ELEC_TRO_TEK 24086	23.76 1.47 0.00	22.68 1.34 0.00	21.05 1.19 0.00	20.44 1.12 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.32 1.75 0.00	44.39 2.24 0.18	38.44 2.18 1.28	30.28 1.69 0.00	27.97 1.90 0.00	27.61 2.04 0.00	28.05 2.13 0.00	29.15 2.31 0.00	30.17 2.16 0.00	33.85 2.26 0.76	41.05 2.44 0.07	54.87 3.40 0.00	60.77 4.40 0.00	51.87 2.80 0.00	41.99 2.26 0.00	35.96 1.84 0.00	31.28 1.60 0.00	28.81 1.81 0.00

ELLENBURG_WT_PWR 323604	-7.01 -0.98 28.32	-6.99 -0.88 27.45	-7.01 -0.87 25.99	-7.01 -0.85 25.48	0.19 -0.87 19.14	22.40 -1.08 0.00	32.27 -1.31 0.00	40.72 -1.61 0.00	36.26 -1.28 0.00	27.74 -0.86 0.00	25.31 -0.76 0.00	24.82 -0.74 0.00	25.15 -0.78 0.00	26.14 -0.70 0.00	27.34 -0.67 0.00	31.14 -1.20 0.00	37.32 -1.35 0.00	50.13 -1.34 0.00	54.29 -2.08 0.00	47.35 -1.72 0.00	38.42 -1.31 0.00	33.41 -0.72 0.00	29.14 -0.53 0.00	27.13 0.14 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.29 -1.00 0.00	20.41 -0.92 0.00	19.04 -0.81 0.00	18.57 -0.75 0.00	19.46 -0.73 0.00	22.80 -0.68 0.00	32.84 -0.74 0.00	40.84 -1.48 0.00	36.22 -1.31 0.00	28.28 -0.31 0.00	26.12 0.05 0.00	25.56 0.00 0.00	25.84 -0.08 0.00	26.78 -0.05 0.00	27.90 -0.11 0.00	31.69 -0.65 0.00	37.44 -1.24 0.00	48.38 -3.09 0.00	54.23 -2.14 0.00	46.33 -2.70 0.04	37.70 -2.03 0.00	32.96 -1.16 0.00	28.87 -0.80 0.00	26.38 -0.62 0.00
EMPIRE_CC_1 323656	23.09 0.80 0.00	22.08 0.75 0.00	20.55 0.69 0.00	19.98 0.66 0.00	20.88 0.69 0.00	24.58 1.10 0.00	35.09 1.51 0.00	44.36 2.03 0.00	39.34 1.80 0.00	29.77 1.17 0.00	27.18 1.12 0.00	26.64 1.07 0.00	27.06 1.14 0.00	27.99 1.15 0.00	29.19 1.18 0.00	33.86 1.52 0.00	40.69 2.01 0.00	54.25 2.78 0.00	59.76 3.38 0.00	51.43 2.36 0.00	41.67 1.95 0.00	35.66 1.54 0.00	31.01 1.34 0.00	28.13 1.13 0.00
EMPIRE_CC_2 323658	23.09 0.80 0.00	22.08 0.75 0.00	20.55 0.69 0.00	19.98 0.66 0.00	20.88 0.69 0.00	24.58 1.10 0.00	35.09 1.51 0.00	44.36 2.03 0.00	39.34 1.80 0.00	29.77 1.17 0.00	27.18 1.12 0.00	26.64 1.07 0.00	27.06 1.14 0.00	27.99 1.15 0.00	29.19 1.18 0.00	33.86 1.52 0.00	40.69 2.01 0.00	54.25 2.78 0.00	59.76 3.38 0.00	51.43 2.36 0.00	41.67 1.95 0.00	35.66 1.54 0.00	31.01 1.34 0.00	28.13 1.13 0.00
ENORWICH_115KV_TB1 80156	23.43 1.14 0.00	22.48 1.15 0.00	20.89 1.03 0.00	20.40 1.08 0.00	21.36 1.17 0.00	25.14 1.67 0.00	36.57 2.99 0.00	46.09 3.77 0.00	40.73 3.19 0.00	30.86 2.26 0.00	27.58 1.51 0.00	27.02 1.46 0.00	27.19 1.27 0.00	28.13 1.29 0.00	29.44 1.43 0.00	34.28 1.94 0.00	41.00 2.32 0.00	55.61 3.60 -0.53	61.75 5.13 -0.24	53.39 4.17 -0.15	42.94 3.22 0.00	36.65 2.53 0.00	31.96 2.29 0.00	28.94 1.94 0.00
ERIE_ST_34_KV_TB1-2 80199	21.60 -0.69 0.00	20.69 -0.64 0.00	19.32 -0.54 0.00	18.82 -0.50 0.00	19.75 -0.44 0.00	23.17 -0.31 0.00	33.41 -0.17 0.00	41.65 -0.68 0.00	36.94 -0.60 0.00	28.80 0.20 0.00	26.64 0.57 0.00	26.07 0.51 0.00	26.34 0.41 0.00	27.29 0.46 0.00	28.43 0.42 0.00	32.28 -0.06 0.00	38.18 -0.50 0.00	49.47 -2.01 0.00	55.53 -0.85 0.00	46.29 -2.75 0.04	38.42 -1.31 0.00	33.54 -0.58 0.00	29.41 -0.27 0.00	26.81 -0.19 0.00
ERIE_WT_PWR 323693	21.44 -0.85 0.00	20.56 -0.77 0.00	19.18 -0.68 0.00	18.68 -0.64 0.00	19.60 -0.59 0.00	23.01 -0.47 0.00	33.11 -0.47 0.00	41.23 -1.10 0.00	36.60 -0.94 0.00	28.54 -0.06 0.00	26.38 0.31 0.00	25.82 0.26 0.00	26.10 0.18 0.00	27.13 0.30 0.00	28.18 0.17 0.00	32.02 -0.32 0.00	37.91 -0.77 0.00	48.90 -2.57 0.00	54.91 -1.47 0.00	46.83 -2.21 0.04	38.45 -1.27 0.00	33.44 -0.68 0.00	29.20 -0.48 0.00	26.67 -0.32 0.00
ESPRGFLD_115KV_TB1 80157	23.78 1.49 0.00	22.78 1.45 0.00	21.13 1.27 0.00	20.57 1.26 0.00	21.58 1.39 0.00	25.43 1.95 0.00	36.50 2.92 0.00	46.01 3.68 0.00	40.69 3.15 0.00	30.77 2.17 0.00	27.78 1.72 0.00	27.25 1.69 0.00	27.61 1.68 0.00	28.55 1.72 0.00	29.92 1.90 0.00	34.67 2.33 0.00	41.77 3.09 0.00	55.90 4.43 0.00	62.12 5.75 0.00	53.53 4.47 0.01	43.26 3.54 0.00	37.13 3.00 0.00	32.26 2.58 0.00	29.27 2.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.53 0.25 0.00	21.57 0.23 0.00	20.07 0.22 0.00	19.53 0.21 0.00	20.43 0.24 0.00	23.97 0.49 0.00	34.49 0.91 0.00	43.43 1.10 0.00	37.76 0.23 0.00	28.83 0.23 0.00	26.06 0.00 0.00	25.49 -0.08 0.00	25.82 -0.10 0.00	26.73 -0.11 0.00	27.99 -0.03 0.00	32.34 0.00 0.00	38.68 0.00 0.00	52.78 0.10 -1.20	57.54 0.62 -0.54	49.91 0.49 -0.35	39.93 0.20 0.00	34.33 0.20 0.00	29.82 0.15 0.00	27.02 0.03 0.00
ETNA____115KV_TB2 80207	22.53 0.25 0.00	21.57 0.23 0.00	20.07 0.22 0.00	19.53 0.21 0.00	20.43 0.24 0.00	23.97 0.49 0.00	34.49 0.91 0.00	43.43 1.10 0.00	37.76 0.23 0.00	28.83 0.23 0.00	26.06 0.00 0.00	25.49 -0.08 0.00	25.82 -0.10 0.00	26.73 -0.11 0.00	27.99 -0.03 0.00	32.34 0.00 0.00	38.68 0.00 0.00	52.78 0.10 -1.20	57.54 0.62 -0.54	49.91 0.49 -0.35	39.93 0.20 0.00	34.33 0.20 0.00	29.82 0.15 0.00	27.02 0.03 0.00
EUCLID____115KV_TB2 356179	21.84 -0.45 0.00	20.93 -0.41 0.00	19.50 -0.36 0.00	18.97 -0.35 0.00	19.83 -0.36 0.00	23.15 -0.33 0.00	33.11 -0.47 0.00	41.69 -0.63 0.00	36.79 -0.75 0.00	28.11 -0.49 0.00	25.57 -0.50 0.00	25.05 -0.51 0.00	25.38 -0.54 0.00	26.27 -0.56 0.00	27.45 -0.56 0.00	31.66 -0.68 0.00	37.75 -0.93 0.00	51.18 -1.34 -1.04	55.72 -1.13 -0.47	48.33 -1.03 -0.29	38.77 -0.95 0.00	33.41 -0.72 0.00	29.02 -0.65 0.00	26.35 -0.65 0.00
E_CANADA_CAP_HY 24051	24.16 1.87 0.00	23.19 1.85 0.00	21.46 1.61 0.00	20.90 1.58 0.00	21.97 1.78 0.00	25.90 2.42 0.00	37.10 3.52 0.00	46.77 4.44 0.00	41.03 3.49 0.00	30.75 2.15 0.00	27.65 1.59 0.00	27.10 1.53 0.00	27.53 1.61 0.00	28.45 1.61 0.00	29.92 1.91 0.00	34.87 2.52 0.00	42.43 3.75 0.00	57.03 5.56 0.00	63.25 6.88 0.00	54.62 5.54 0.00	44.06 4.33 0.00	37.88 3.75 0.00	32.79 3.12 0.00	29.67 2.67 0.00
E_CANADA_MHWK_HY 24050	21.67 -0.62 0.00	20.73 -0.60 0.00	19.32 -0.54 0.00	18.82 -0.50 0.00	19.66 -0.53 0.00	22.96 -0.52 0.00	32.91 -0.67 0.00	41.57 -0.76 0.00	36.90 -0.64 0.00	28.05 -0.54 0.00	25.52 -0.55 0.00	25.02 -0.54 0.00	25.33 -0.60 0.00	26.22 -0.62 0.00	27.34 -0.67 0.00	31.69 -0.65 0.00	37.91 -0.77 0.00	50.39 -1.08 0.00	55.36 -1.01 0.00	48.14 -0.93 0.00	38.93 -0.79 0.00	33.47 -0.65 0.00	29.14 -0.53 0.00	26.48 -0.51 0.00
E_FISHKILL____LBMP 23776	23.47 1.18 0.00	22.40 1.07 0.00	20.83 0.97 0.00	20.23 0.91 0.00	21.12 0.93 0.00	24.84 1.36 0.00	35.39 1.81 0.00	44.78 2.45 0.00	39.86 2.33 0.00	30.29 1.69 0.00	27.76 1.69 0.00	27.33 1.76 0.00	27.79 1.87 0.00	28.77 1.93 0.00	29.95 1.93 0.00	34.51 2.17 0.00	41.12 2.44 0.00	54.77 3.29 0.00	60.60 4.23 0.00	51.87 2.80 0.00	42.03 2.30 0.00	35.97 1.84 0.00	31.28 1.60 0.00	28.48 1.48 0.00
FALCON____SEABRD_CC1 323796	-7.13 -0.58 28.84	-7.11 -0.49 27.95	-7.13 -0.52 26.47	-7.13 -0.50 25.94	0.16 -0.54 19.49	22.77 -0.70 0.00	32.94 -0.64 0.00	41.52 -0.81 0.00	37.09 -0.45 0.00	28.40 -0.20 0.00	25.88 -0.18 0.00	25.41 -0.15 0.00	25.74 -0.18 0.00	26.78 -0.05 0.00	28.01 0.00 0.00	31.01 -1.33 0.00	36.55 -2.13 0.00	49.26 -2.21 0.00	53.33 -3.05 0.00	46.42 -2.65 0.00	37.58 -2.15 0.00	33.34 -0.78 0.00	29.02 -0.65 0.00	27.81 0.81 0.00

FALCON___SEABRD_CC2 323797	-7.13 -0.58 28.84	-7.11 -0.49 27.95	-7.13 -0.52 26.47	-7.13 -0.50 25.94	0.16 -0.54 19.49	22.77 -0.70 0.00	32.94 -0.64 0.00	41.52 -0.81 0.00	37.09 -0.45 0.00	28.40 -0.20 0.00	25.88 -0.18 0.00	25.41 -0.15 0.00	25.74 -0.18 0.00	26.78 -0.05 0.00	28.01 0.00 0.00	31.01 -1.33 0.00	36.55 -2.13 0.00	49.26 -2.21 0.00	53.33 -3.05 0.00	46.42 -2.65 0.00	37.58 -2.15 0.00	33.34 -0.78 0.00	29.02 -0.65 0.00	27.81 0.81 0.00
FAR ROCKAWAY___4 23548	24.03 1.74 0.00	22.93 1.60 0.00	21.27 1.41 0.00	20.65 1.33 0.00	21.58 1.39 0.00	25.38 1.90 0.00	35.76 2.18 0.00	44.93 2.67 0.07	39.60 2.59 0.52	30.60 2.00 0.00	28.31 2.24 0.00	27.94 2.38 0.00	28.38 2.46 0.00	29.49 2.66 0.00	30.56 2.55 0.00	34.71 2.68 0.31	41.67 3.02 0.03	55.74 4.27 0.00	61.79 5.41 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.51 2.39 0.00	31.69 2.02 0.00	29.13 2.13 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.81 1.52 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.29 2.96 0.00	40.39 2.85 0.00	30.80 2.20 0.00	28.25 2.19 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.56 2.55 0.00	35.19 2.85 0.00	41.70 3.02 0.00	55.54 4.07 0.00	61.45 5.07 0.00	52.51 3.44 0.00	42.59 2.86 0.00	36.38 2.25 0.00	31.69 2.02 0.00	28.83 1.84 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.83 1.54 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.29 2.96 0.00	40.39 2.85 0.00	30.80 2.20 0.00	28.25 2.19 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.56 2.55 0.00	35.19 2.85 0.00	41.70 3.02 0.00	55.54 4.07 0.00	61.45 5.07 0.00	52.56 3.48 0.00	42.59 2.86 0.00	36.41 2.29 0.00	31.69 2.02 0.00	28.83 1.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.81 1.52 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.50 1.18 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.79 2.22 0.00	45.25 2.92 0.00	40.39 2.85 0.00	30.80 2.20 0.00	28.23 2.16 0.00	27.86 2.30 0.00	28.36 2.44 0.00	29.41 2.58 0.00	30.56 2.55 0.00	35.19 2.85 0.00	41.70 3.02 0.00	55.54 4.07 0.00	61.39 5.02 0.00	52.51 3.44 0.00	42.55 2.82 0.00	36.38 2.25 0.00	31.66 1.99 0.00	28.81 1.81 0.00
FARRAGUT___LBMP 323566	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.25 2.92 0.00	40.35 2.82 0.00	30.77 2.17 0.00	28.20 2.14 0.00	27.84 2.28 0.00	28.33 2.41 0.00	29.39 2.55 0.00	30.53 2.52 0.00	35.15 2.81 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.34 2.22 0.00	31.66 1.99 0.00	28.81 1.81 0.00
FENNER___WINDPWR 24204	22.51 0.22 0.00	21.54 0.21 0.00	20.05 0.20 0.00	19.53 0.21 0.00	20.43 0.24 0.00	23.90 0.42 0.00	34.38 0.80 0.00	43.34 1.01 0.00	38.14 0.60 0.00	29.00 0.40 0.00	26.25 0.18 0.00	25.72 0.15 0.00	26.03 0.10 0.00	26.94 0.11 0.00	28.15 0.14 0.00	32.60 0.26 0.00	38.99 0.31 0.00	53.06 0.51 -1.07	57.76 0.90 -0.49	50.16 0.78 -0.31	40.28 0.56 0.00	34.50 0.38 0.00	30.00 0.33 0.00	27.24 0.24 0.00
FIBERTEK___ENERGY 23856	22.04 -0.25 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.48 -0.10 0.00	42.11 -0.21 0.00	37.12 -0.41 0.00	28.37 -0.23 0.00	25.78 -0.29 0.00	25.23 -0.33 0.00	25.59 -0.34 0.00	26.49 -0.35 0.00	27.68 -0.34 0.00	31.95 -0.39 0.00	38.10 -0.58 0.00	52.79 -0.82 -2.14	56.84 -0.51 -0.97	49.16 -0.54 -0.63	39.17 -0.56 0.00	33.71 -0.41 0.00	29.29 -0.39 0.00	26.59 -0.40 0.00
FITZPATRICK____ 23598	21.58 -0.71 0.00	20.65 -0.68 0.00	19.26 -0.60 0.00	18.74 -0.58 0.00	19.58 -0.61 0.00	22.82 -0.66 0.00	32.60 -0.97 0.00	41.01 -1.31 0.00	36.26 -1.28 0.00	27.68 -0.92 0.00	25.20 -0.86 0.00	24.69 -0.87 0.00	25.04 -0.88 0.00	25.92 -0.91 0.00	27.06 -0.95 0.00	31.24 -1.10 0.00	37.32 -1.35 0.00	39.40 -1.90 10.17	49.90 -1.86 4.62	44.40 -1.67 3.00	38.38 -1.35 0.00	33.00 -1.13 0.00	28.67 -1.01 0.00	26.03 -0.97 0.00
FLOWRFLD_69_KV_BK1 356044	24.03 1.74 0.00	23.02 1.69 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.40 1.93 0.00	35.36 1.78 0.00	43.65 1.95 0.62	35.00 1.95 4.49	30.02 1.43 0.01	27.91 1.85 0.00	27.58 2.02 0.00	27.97 2.05 0.00	29.15 2.31 0.00	30.09 2.07 0.00	31.64 1.97 2.67	40.40 1.97 0.25	54.30 2.83 0.01	60.20 3.83 0.01	51.32 2.26 0.01	41.63 1.91 0.01	35.72 1.60 0.01	31.22 1.54 0.00	29.02 2.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.58 1.29 0.00	22.50 1.17 0.00	20.95 1.09 0.00	20.34 1.02 0.00	21.24 1.05 0.00	25.00 1.53 0.00	35.69 2.12 0.00	45.25 2.92 0.00	40.20 2.67 0.00	30.49 1.89 0.00	27.86 1.80 0.00	27.40 1.84 0.00	27.87 1.94 0.00	28.82 1.99 0.00	30.09 2.07 0.00	34.77 2.43 0.00	41.43 2.75 0.00	55.33 3.86 0.00	61.28 4.90 0.00	52.36 3.29 0.00	42.39 2.66 0.00	36.21 2.08 0.00	31.46 1.78 0.00	28.67 1.67 0.00
FORT ORANGE____ 23900	22.76 0.47 0.00	21.78 0.45 0.00	20.29 0.44 0.00	19.74 0.42 0.00	20.65 0.46 0.00	24.30 0.82 0.00	34.68 1.11 0.00	43.85 1.52 0.00	38.89 1.35 0.00	29.37 0.77 0.00	26.74 0.68 0.00	26.17 0.61 0.00	26.62 0.70 0.00	27.53 0.70 0.00	28.74 0.73 0.00	33.38 1.03 0.00	40.15 1.47 0.00	53.63 2.16 0.00	59.14 2.76 0.00	50.94 1.86 0.00	41.20 1.47 0.00	35.25 1.12 0.00	30.60 0.92 0.00	27.78 0.78 0.00
FORT_DRUM_COGEN 23780	23.17 -0.27 -1.15	22.23 -0.21 -1.11	20.69 -0.22 -1.05	20.18 -0.17 -1.03	20.80 -0.16 -0.78	23.50 0.02 0.00	33.91 0.34 0.00	42.88 0.55 0.00	37.95 0.41 0.00	28.68 0.09 0.00	25.91 -0.16 0.00	25.36 -0.20 0.00	25.56 -0.36 0.00	26.43 -0.40 0.00	27.65 -0.36 0.00	32.15 -0.19 0.00	38.56 -0.12 0.00	53.23 0.15 -1.60	57.84 0.73 -0.73	50.39 0.83 -0.48	40.24 0.52 0.00	34.50 0.38 0.00	29.97 0.30 0.00	27.19 0.19 0.00
FOX_HILLS___ESR 323835	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.27 1.78 -0.01	35.66 2.08 0.00	44.97 2.67 0.02	37.23 2.70 3.01	30.72 2.12 -0.01	28.12 2.06 0.00	27.79 2.22 0.00	28.31 2.38 0.00	29.41 2.58 0.00	30.56 2.55 0.00	35.12 2.78 0.00	39.45 2.78 2.02	55.18 3.71 0.00	61.00 4.62 0.00	52.12 3.04 0.00	42.27 2.54 0.00	36.21 2.08 0.00	31.94 2.26 -0.01	29.11 2.11 -0.01
FPL FAR_ROCK_GT1 24212	24.03 1.74 0.00	22.93 1.60 0.00	21.27 1.41 0.00	20.65 1.33 0.00	21.58 1.39 0.00	25.36 1.88 0.00	35.75 2.18 0.01	44.96 2.71 0.07	39.59 2.59 0.53	30.59 2.00 0.01	28.31 2.24 0.00	27.94 2.38 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.56 2.55 0.00	34.83 2.81 0.32	41.93 3.29 0.04	56.05 4.58 0.00	62.01 5.64 0.00	52.99 3.93 0.01	42.74 3.02 0.01	36.58 2.46 0.00	31.87 2.20 0.00	29.08 2.08 0.00



FPL FAR_ROCK_GT2 23815	24.03 1.74 0.00	22.93 1.60 0.00	21.27 1.41 0.00	20.65 1.33 0.00	21.58 1.39 0.00	25.36 1.88 0.00	35.75 2.18 0.01	44.96 2.71 0.07	39.59 2.59 0.53	30.59 2.00 0.01	28.31 2.24 0.00	27.94 2.38 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.56 2.55 0.00	34.83 2.81 0.32	41.93 3.29 0.04	56.05 4.58 0.00	62.01 5.64 0.00	52.99 3.93 0.01	42.74 3.02 0.01	36.58 2.46 0.00	31.87 2.20 0.00	29.08 2.08 0.00
FRANKLIN_FALL_HYD 24054	39.97 -0.65 -18.33	38.56 -0.53 -17.76	36.10 -0.58 -16.82	35.24 -0.56 -16.49	32.01 -0.57 -12.38	22.75 -0.73 0.00	32.87 -0.71 0.00	41.48 -0.85 0.00	37.01 -0.53 0.00	28.26 -0.34 0.00	25.73 -0.34 0.00	25.23 -0.33 0.00	25.53 -0.39 0.00	26.54 -0.30 0.00	27.73 -0.28 0.00	32.18 -0.16 0.00	39.18 0.50 0.00	52.61 1.13 0.00	56.94 0.56 0.00	49.76 0.69 0.00	40.36 0.64 0.00	34.53 0.41 0.00	30.06 0.39 0.00	27.51 0.51 0.00
FREEPORT_EQUS_GT1 23764	23.90 1.61 0.00	22.82 1.49 0.00	21.17 1.31 0.00	20.56 1.24 0.00	21.48 1.29 0.00	25.24 1.76 0.00	35.45 1.88 0.01	44.24 2.28 0.37	37.12 2.21 2.63	30.30 1.72 0.01	28.07 2.01 0.00	27.73 2.17 0.00	28.15 2.23 0.00	29.17 2.33 0.00	30.28 2.27 0.00	33.26 2.49 1.57	41.35 2.82 0.15	55.28 3.81 0.00	61.16 4.79 0.00	52.25 3.19 0.01	42.29 2.58 0.01	36.20 2.08 0.00	31.58 1.90 0.00	28.89 1.89 0.00
FREEPORT___CT2 23818	23.90 1.61 0.00	22.82 1.49 0.00	21.17 1.31 0.00	20.56 1.24 0.00	21.48 1.29 0.00	25.24 1.76 0.00	35.45 1.88 0.01	44.24 2.28 0.37	37.12 2.21 2.63	30.30 1.72 0.01	28.07 2.01 0.00	27.73 2.17 0.00	28.15 2.23 0.00	29.17 2.33 0.00	30.28 2.27 0.00	33.26 2.49 1.57	41.35 2.82 0.15	55.28 3.81 0.00	61.16 4.79 0.00	52.25 3.19 0.01	42.29 2.58 0.01	36.20 2.08 0.00	31.58 1.90 0.00	28.89 1.89 0.00
FRESHKLS_33_KV_LOAD 356253	23.99 1.69 -0.01	22.83 1.49 -0.01	21.25 1.39 -0.01	20.64 1.31 -0.01	21.53 1.33 -0.01	25.32 1.83 -0.01	35.63 2.05 0.00	44.93 2.62 0.02	37.15 2.63 3.01	30.69 2.09 -0.01	28.10 2.03 0.00	27.74 2.17 0.00	28.28 2.36 0.00	29.39 2.55 0.00	30.56 2.55 0.00	35.09 2.75 0.00	39.41 2.75 2.02	55.13 3.65 0.00	60.94 4.57 0.00	52.12 3.04 0.00	42.23 2.50 0.00	36.17 2.05 0.00	32.00 2.31 -0.01	29.17 2.16 -0.01
FULTON COGEN____ 23766	21.82 -0.47 0.00	20.88 -0.45 0.00	19.48 -0.38 0.00	18.95 -0.37 0.00	19.81 -0.38 0.00	23.13 -0.35 0.00	33.07 -0.50 0.00	41.65 -0.68 0.00	36.75 -0.79 0.00	28.08 -0.51 0.00	25.52 -0.55 0.00	25.00 -0.56 0.00	25.33 -0.60 0.00	26.25 -0.59 0.00	27.43 -0.59 0.00	31.63 -0.71 0.00	37.75 -0.93 0.00	53.73 -1.29 -3.54	56.91 -1.07 -1.61	49.12 -1.03 -1.08	38.81 -0.91 0.00	33.41 -0.72 0.00	29.02 -0.65 0.00	26.32 -0.67 0.00
FULTON___LFGE 323630	23.94 1.65 0.00	23.00 1.66 0.00	21.27 1.41 0.00	20.71 1.39 0.00	21.78 1.59 0.00	25.71 2.23 0.00	36.80 3.22 0.00	46.43 4.10 0.00	40.80 3.26 0.00	30.57 1.97 0.00	27.52 1.46 0.00	26.97 1.41 0.00	27.42 1.50 0.00	28.34 1.50 0.00	29.78 1.77 0.00	34.70 2.36 0.00	42.16 3.48 0.00	56.62 5.15 0.00	62.74 6.37 0.00	54.18 5.10 0.00	43.70 3.97 0.00	37.50 3.38 0.00	32.46 2.79 0.00	29.35 2.35 0.00
G.F.CEMENT___DRP 24184	23.16 0.87 0.00	22.23 0.90 0.00	20.57 0.71 0.00	20.01 0.70 0.00	21.04 0.85 0.00	24.84 1.36 0.00	35.53 1.95 0.00	44.95 2.62 0.00	39.90 2.36 0.00	29.97 1.37 0.00	27.13 1.07 0.00	26.58 1.02 0.00	27.09 1.17 0.00	27.96 1.13 0.00	29.25 1.23 0.00	33.89 1.55 0.00	40.81 2.13 0.00	54.61 3.14 0.00	60.60 4.23 0.00	52.16 3.09 0.00	42.11 2.38 0.00	36.10 1.98 0.00	31.22 1.54 0.00	28.32 1.32 0.00
GARDENVILLE___LBMP 24039	21.35 -0.94 0.00	20.48 -0.85 0.00	19.10 -0.75 0.00	18.62 -0.70 0.00	19.52 -0.67 0.00	22.89 -0.59 0.00	32.97 -0.60 0.00	41.06 -1.27 0.00	36.41 -1.13 0.00	28.43 -0.17 0.00	26.27 0.21 0.00	25.72 0.15 0.00	26.00 0.08 0.00	26.92 0.08 0.00	28.07 0.06 0.00	31.86 -0.49 0.00	37.67 -1.01 0.00	48.75 -2.73 0.00	54.63 -1.75 0.00	46.48 -2.55 0.04	37.94 -1.79 0.00	33.17 -0.96 0.00	29.05 -0.62 0.00	26.51 -0.49 0.00
GARDNVLA_35_KV_LD 355827	21.44 -0.85 0.00	20.58 -0.75 0.00	19.20 -0.66 0.00	18.70 -0.62 0.00	19.62 -0.57 0.00	22.98 -0.49 0.00	33.14 -0.44 0.00	41.27 -1.06 0.00	36.64 -0.90 0.00	28.57 -0.03 0.00	26.40 0.34 0.00	25.84 0.28 0.00	26.13 0.21 0.00	27.08 0.24 0.00	28.24 0.22 0.00	32.05 -0.29 0.00	37.87 -0.81 0.00	49.00 -2.47 0.00	54.91 -1.47 0.00	46.63 -2.40 0.04	38.14 -1.59 0.00	33.31 -0.82 0.00	29.20 -0.47 0.00	26.65 -0.35 0.00
GELCKHM___115KV_LOAD 80723	21.91 -0.38 0.00	20.97 -0.36 0.00	19.56 -0.30 0.00	19.03 -0.29 0.00	19.89 -0.30 0.00	23.22 -0.26 0.00	33.24 -0.34 0.00	41.86 -0.47 0.00	36.90 -0.64 0.00	28.20 -0.40 0.00	25.65 -0.42 0.00	25.10 -0.46 0.00	25.46 -0.47 0.00	26.35 -0.48 0.00	27.54 -0.48 0.00	31.79 -0.55 0.00	37.91 -0.77 0.00	51.77 -1.13 -1.43	56.12 -0.90 -0.65	48.65 -0.83 -0.41	38.93 -0.79 0.00	33.51 -0.61 0.00	29.14 -0.53 0.00	26.43 -0.57 0.00
GENERAL___MILLS 23808	21.42 -0.87 0.00	20.54 -0.79 0.00	19.16 -0.69 0.00	18.68 -0.64 0.00	19.58 -0.61 0.00	22.96 -0.52 0.00	33.07 -0.50 0.00	41.18 -1.14 0.00	36.56 -0.98 0.00	28.51 -0.09 0.00	26.35 0.29 0.00	25.79 0.23 0.00	26.08 0.16 0.00	27.02 0.19 0.00	28.15 0.14 0.00	31.95 -0.39 0.00	37.79 -0.89 0.00	48.90 -2.57 0.00	54.80 -1.58 0.00	46.53 -2.50 0.04	38.06 -1.67 0.00	33.24 -0.89 0.00	29.14 -0.53 0.00	26.59 -0.40 0.00
GE_PLASTICS___DRP 24183	22.74 0.45 0.00	21.76 0.43 0.00	20.27 0.42 0.00	19.72 0.41 0.00	20.61 0.42 0.00	24.28 0.80 0.00	34.65 1.07 0.00	43.77 1.44 0.00	38.85 1.31 0.00	29.37 0.77 0.00	26.77 0.70 0.00	26.23 0.66 0.00	26.65 0.73 0.00	27.56 0.72 0.00	28.77 0.76 0.00	33.31 0.97 0.00	39.96 1.28 0.00	53.27 1.80 0.00	58.86 2.48 0.00	50.59 1.52 0.00	41.00 1.27 0.00	35.15 1.02 0.00	30.51 0.83 0.00	27.75 0.76 0.00
GILBOA___1 23756	22.87 0.58 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.67 0.48 0.00	24.30 0.82 0.00	34.68 1.11 0.00	43.72 1.39 0.00	39.00 1.46 0.00	29.63 1.03 0.00	27.08 1.02 0.00	26.59 1.02 0.00	26.99 1.06 0.00	27.94 1.10 0.00	29.13 1.12 0.00	33.70 1.36 0.00	40.23 1.55 0.00	53.53 2.06 0.00	58.85 2.48 0.00	50.89 1.82 0.00	41.20 1.47 0.00	35.35 1.23 0.00	30.74 1.07 0.00	27.92 0.92 0.00
GILBOA___2 23757	22.87 0.58 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.67 0.48 0.00	24.30 0.82 0.00	34.68 1.11 0.00	43.72 1.39 0.00	39.00 1.46 0.00	29.63 1.03 0.00	27.08 1.02 0.00	26.59 1.02 0.00	26.99 1.06 0.00	27.94 1.10 0.00	29.13 1.12 0.00	33.70 1.36 0.00	40.23 1.55 0.00	53.53 2.06 0.00	58.85 2.48 0.00	50.89 1.82 0.00	41.20 1.47 0.00	35.35 1.23 0.00	30.74 1.07 0.00	27.92 0.92 0.00

GILBOA___3 23758	22.87 0.58 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.67 0.48 0.00	24.30 0.82 0.00	34.68 1.11 0.00	43.72 1.39 0.00	39.00 1.46 0.00	29.63 1.03 0.00	27.08 1.02 0.00	26.59 1.02 0.00	26.99 1.06 0.00	27.94 1.10 0.00	29.13 1.12 0.00	33.70 1.36 0.00	40.23 1.55 0.00	53.53 2.06 0.00	58.85 2.48 0.00	50.89 1.82 0.00	41.20 1.47 0.00	35.35 1.23 0.00	30.74 1.07 0.00	27.92 0.92 0.00
GILBOA___4 23759	22.87 0.58 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.67 0.48 0.00	24.30 0.82 0.00	34.68 1.11 0.00	43.72 1.39 0.00	39.00 1.46 0.00	29.63 1.03 0.00	27.08 1.02 0.00	26.59 1.02 0.00	26.99 1.06 0.00	27.94 1.10 0.00	29.13 1.12 0.00	33.70 1.36 0.00	40.23 1.55 0.00	53.53 2.06 0.00	58.85 2.48 0.00	50.89 1.82 0.00	41.20 1.47 0.00	35.35 1.23 0.00	30.74 1.07 0.00	27.92 0.92 0.00
GILBOA___ 23599	22.87 0.58 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.67 0.48 0.00	24.30 0.82 0.00	34.69 1.11 0.00	43.72 1.40 0.00	38.93 1.39 0.00	29.63 1.03 0.00	27.08 1.02 0.00	26.58 1.02 0.00	26.98 1.06 0.00	27.94 1.10 0.00	29.13 1.12 0.00	33.60 1.26 0.00	40.07 1.39 0.00	53.22 1.75 0.00	58.74 2.37 0.00	50.64 1.57 0.00	41.08 1.35 0.00	35.28 1.16 0.00	30.68 1.01 0.00	27.92 0.92 0.00
GINNA___ 23603	20.57 -1.72 0.00	19.71 -1.62 0.00	18.37 -1.49 0.00	17.89 -1.43 0.00	18.72 -1.47 0.00	21.93 -1.55 0.00	31.67 -1.91 0.00	39.74 -2.58 0.00	35.10 -2.44 0.00	27.00 -1.60 0.00	24.68 -1.38 0.00	24.11 -1.46 0.00	24.47 -1.45 0.00	25.36 -1.48 0.00	26.53 -1.49 0.00	30.40 -1.94 0.00	36.24 -2.44 0.00	47.56 -3.91 0.00	52.93 -3.44 0.00	46.03 -3.00 0.05	37.14 -2.58 0.00	31.98 -2.15 0.00	27.69 -1.99 0.00	25.21 -1.78 0.00
GLEN PARK___ 23778	23.22 -0.15 -1.09	22.28 -0.11 -1.06	20.74 -0.12 -1.00	20.24 -0.06 -0.98	20.88 -0.04 -0.74	23.64 0.17 0.00	34.15 0.57 0.00	43.17 0.85 0.00	38.17 0.64 0.00	28.83 0.23 0.00	25.99 -0.08 0.00	25.41 -0.15 0.00	25.61 -0.31 0.00	26.49 -0.35 0.00	27.71 -0.31 0.00	32.21 -0.13 0.00	38.68 0.00 -1.69	53.52 0.36 -0.76	58.21 1.07 -0.51	50.76 1.18 -0.51	40.48 0.75 0.00	34.64 0.51 0.00	30.12 0.45 0.00	27.30 0.30 0.00
GLENDALE_27_KV_LOAD 356172	23.97 1.67 -0.01	22.85 1.51 -0.01	21.25 1.39 -0.01	20.64 1.31 -0.01	21.53 1.33 -0.01	25.29 1.81 -0.01	36.00 2.42 0.00	45.46 3.13 0.00	40.61 3.08 0.00	31.01 2.40 -0.01	28.38 2.32 0.00	28.02 2.45 0.00	28.54 2.62 0.00	29.60 2.76 0.00	30.76 2.75 0.00	35.41 3.07 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.56 5.19 0.00	52.61 3.53 0.00	42.67 2.94 0.00	36.51 2.39 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GLENWOOD_IC_1_G5 23712	23.87 1.58 0.00	22.78 1.45 0.00	21.15 1.29 0.00	20.54 1.22 0.00	21.46 1.27 0.00	25.21 1.74 0.00	35.49 1.91 0.00	44.53 2.45 0.25	38.10 2.36 1.80	30.40 1.80 0.00	28.12 2.06 0.00	27.76 2.20 0.00	28.20 2.28 0.00	29.31 2.47 0.00	30.34 2.33 0.00	33.73 2.46 1.07	41.29 2.71 0.10	55.23 3.76 0.00	61.22 4.85 0.00	52.21 3.14 0.00	42.27 2.54 0.00	36.17 2.05 0.00	31.43 1.75 0.00	28.94 1.94 0.00
GLENWOOD_IC_2_G1 23688	23.83 1.54 0.00	22.74 1.41 0.00	21.11 1.25 0.00	20.50 1.18 0.00	21.42 1.23 0.00	25.17 1.69 0.00	35.45 1.88 0.01	44.65 2.41 0.08	39.31 2.33 0.56	30.36 1.77 0.01	28.07 2.01 0.00	27.71 2.15 0.00	28.15 2.23 0.00	29.17 2.33 0.00	30.28 2.27 0.00	34.53 2.52 0.33	41.50 2.86 0.04	55.44 3.96 0.00	61.28 4.90 0.00	52.45 3.38 0.01	42.34 2.62 0.01	36.20 2.08 0.00	31.55 1.87 0.00	28.83 1.84 0.00
GLENWOOD_IC_3_G1 23689	23.83 1.54 0.00	22.74 1.41 0.00	21.11 1.25 0.00	20.50 1.18 0.00	21.42 1.23 0.00	25.17 1.69 0.00	35.45 1.88 0.01	44.65 2.41 0.08	39.31 2.33 0.56	30.36 1.77 0.01	28.07 2.01 0.00	27.71 2.15 0.00	28.15 2.23 0.00	29.17 2.33 0.00	30.28 2.27 0.00	34.53 2.52 0.33	41.50 2.86 0.04	55.44 3.96 0.00	61.28 4.90 0.00	52.45 3.38 0.01	42.34 2.62 0.01	36.20 2.08 0.00	31.55 1.87 0.00	28.83 1.84 0.00
GLENWOOD___4 23550	23.87 1.58 0.00	22.78 1.45 0.00	21.15 1.29 0.00	20.54 1.22 0.00	21.46 1.27 0.00	25.21 1.74 0.00	35.49 1.91 0.00	44.53 2.45 0.25	38.10 2.36 1.80	30.40 1.80 0.00	28.12 2.06 0.00	27.76 2.20 0.00	28.20 2.28 0.00	29.31 2.47 0.00	30.34 2.33 0.00	33.73 2.46 1.07	41.29 2.71 0.10	55.23 3.76 0.00	61.22 4.85 0.00	52.21 3.14 0.00	42.27 2.54 0.00	36.17 2.05 0.00	31.43 1.75 0.00	28.94 1.94 0.00
GLENWOOD___5 23614	23.87 1.58 0.00	22.78 1.45 0.00	21.15 1.29 0.00	20.54 1.22 0.00	21.46 1.27 0.00	25.21 1.74 0.00	35.49 1.91 0.00	44.53 2.45 0.25	38.10 2.36 1.80	30.40 1.80 0.00	28.12 2.06 0.00	27.76 2.20 0.00	28.20 2.28 0.00	29.31 2.47 0.00	30.34 2.33 0.00	33.73 2.46 1.07	41.29 2.71 0.10	55.23 3.76 0.00	61.22 4.85 0.00	52.21 3.14 0.00	42.27 2.54 0.00	36.17 2.05 0.00	31.43 1.75 0.00	28.94 1.94 0.00
GLOBAL GREEN_PORT_GT1 23814	24.48 2.19 0.00	23.51 2.18 0.00	21.76 1.91 0.00	21.13 1.82 0.00	22.15 1.96 0.00	25.94 2.46 0.00	36.12 2.55 0.01	44.44 2.75 0.64	35.73 2.70 4.51	30.44 1.86 0.02	28.31 2.24 0.00	27.99 2.43 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	32.37 2.72 2.69	41.79 3.36 0.26	56.41 4.94 0.01	62.57 6.20 0.01	53.23 4.17 0.02	42.81 3.10 0.02	36.85 2.73 0.01	32.02 2.34 0.00	29.32 2.32 0.00
GLOBE___DSASP 323697	20.82 -1.47 0.00	19.99 -1.34 0.00	18.62 -1.23 0.00	18.16 -1.16 0.00	19.04 -1.15 0.00	22.26 -1.22 0.00	31.97 -1.61 0.00	39.66 -2.67 0.00	35.13 -2.40 0.00	27.48 -1.12 0.00	25.33 -0.73 0.00	24.80 -0.77 0.00	25.07 -0.86 0.00	25.95 -0.89 0.00	27.06 -0.95 0.00	30.76 -1.58 0.00	36.28 -2.40 0.00	46.69 -4.79 0.00	52.32 -4.06 0.00	45.30 -3.73 0.04	36.55 -3.18 0.00	32.04 -2.08 0.00	28.07 -1.60 0.00	25.67 -1.32 0.00
GOETHSLN___LBMP 323567	23.67 1.38 0.00	22.57 1.24 0.00	20.99 1.13 0.00	20.40 1.08 0.00	21.26 1.07 0.00	24.98 1.50 0.00	35.56 1.98 0.00	44.94 2.62 0.01	37.12 2.59 3.00	30.63 2.03 0.00	28.10 2.03 0.00	27.74 2.17 0.00	28.23 2.31 0.00	29.28 2.44 0.00	30.39 2.38 0.00	34.99 2.65 0.00	39.42 2.75 2.01	55.18 3.71 0.00	61.00 4.62 0.00	52.16 3.09 0.00	42.27 2.54 0.00	36.17 2.05 0.00	31.49 1.81 0.00	28.64 1.65 0.00
GOLAH___69_KV_TB 1_2 80279	21.53 -0.76 0.00	20.63 -0.70 0.00	19.22 -0.64 0.00	18.74 -0.58 0.00	19.62 -0.57 0.00	22.98 -0.49 0.00	33.11 -0.47 0.00	41.48 -0.85 0.00	36.64 -0.90 0.00	28.31 -0.29 0.00	25.93 -0.13 0.00	25.33 -0.23 0.00	25.66 -0.26 0.00	26.57 -0.27 0.00	27.76 -0.25 0.00	31.69 -0.65 0.00	37.60 -1.08 0.00	49.21 -2.26 0.00	54.91 -1.47 0.00	47.80 -1.23 0.04	38.38 -1.35 0.00	33.31 -0.82 0.00	28.96 -0.71 0.00	26.40 -0.59 0.00

GOODYEAR_LAKE_HYD 323669	23.27 0.98 0.00	22.27 0.94 0.00	20.69 0.83 0.00	20.15 0.83 0.00	21.10 0.91 0.00	24.79 1.31 0.00	35.59 2.01 0.00	44.87 2.54 0.00	39.94 2.40 0.00	30.37 1.77 0.00	27.58 1.51 0.00	27.07 1.51 0.00	27.40 1.48 0.00	28.34 1.50 0.00	29.58 1.57 0.00	34.22 1.88 0.00	40.88 2.20 0.00	54.56 3.09 0.00	60.49 4.12 0.00	52.16 3.09 0.01	42.19 2.46 0.00	36.17 2.05 0.00	31.49 1.81 0.00	28.59 1.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.33 0.04 0.00	21.37 0.04 0.00	19.91 0.06 0.00	19.38 0.06 0.00	20.25 0.06 0.00	23.76 0.28 0.00	34.08 0.50 0.00	42.79 0.47 0.00	38.63 1.09 0.00	29.66 1.06 0.00	27.13 1.07 0.00	26.61 1.05 0.00	26.96 1.04 0.00	27.86 1.02 0.00	29.02 1.01 0.00	33.31 0.97 0.00	39.65 0.97 0.00	52.61 1.13 0.00	58.40 2.03 0.00	49.94 0.88 0.02	40.68 0.95 0.00	35.05 0.92 0.00	30.57 0.89 0.00	27.81 0.81 0.00
GOUDEY___7 23579	22.33 0.04 0.00	21.37 0.04 0.00	19.91 0.06 0.00	19.38 0.06 0.00	20.25 0.06 0.00	23.76 0.28 0.00	34.08 0.50 0.00	42.79 0.47 0.00	38.63 1.09 0.00	29.66 1.06 0.00	27.13 1.07 0.00	26.61 1.05 0.00	26.96 1.04 0.00	27.86 1.02 0.00	29.02 1.01 0.00	33.31 0.97 0.00	39.65 0.97 0.00	52.61 1.13 0.00	58.40 2.03 0.00	49.94 0.88 0.02	40.68 0.95 0.00	35.05 0.92 0.00	30.57 0.89 0.00	27.81 0.81 0.00
GOUDEY___8 23580	22.33 0.04 0.00	21.37 0.04 0.00	19.91 0.06 0.00	19.38 0.06 0.00	20.25 0.06 0.00	23.76 0.28 0.00	34.08 0.50 0.00	42.79 0.47 0.00	38.63 1.09 0.00	29.66 1.06 0.00	27.13 1.07 0.00	26.61 1.05 0.00	26.96 1.04 0.00	27.86 1.02 0.00	29.02 1.01 0.00	33.31 0.97 0.00	39.65 0.97 0.00	52.61 1.13 0.00	58.40 2.03 0.00	49.94 0.88 0.02	40.68 0.95 0.00	35.05 0.92 0.00	30.57 0.89 0.00	27.81 0.81 0.00
GOWANUS_GT1_1 24077	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT1_2 24078	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT1_3 24079	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT1_4 24080	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT1_5 24084	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT1_6 24111	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT1_7 24112	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT1_8 24113	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT2_1 24114	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT2_2 24115	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT2_3 24116	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01

GOWANUS_GT2_4 24117	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT2_5 24118	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT2_6 24119	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT2_7 24120	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT2_8 24121	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT3_1 24122	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT3_2 24123	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT3_3 24124	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT3_4 24125	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT3_5 24126	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT3_6 24127	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT3_7 24128	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT3_8 24129	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
GOWANUS_GT4_1 24130	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT4_2 24131	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01

GOWANUS_GT4_3 24132	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT4_4 24133	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT4_5 24134	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT4_6 24135	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT4_7 24136	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GOWANUS_GT4_8 24137	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GREENBSH_115KV_TB3 55895	22.67 0.38 0.00	21.69 0.36 0.00	20.23 0.38 0.00	19.69 0.37 0.00	20.57 0.38 0.00	24.21 0.73 0.00	34.55 0.97 0.00	43.68 1.35 0.00	38.78 1.24 0.00	29.29 0.69 0.00	26.72 0.65 0.00	26.18 0.61 0.00	26.62 0.70 0.00	27.53 0.70 0.00	28.71 0.70 0.00	33.25 0.91 0.00	39.88 1.20 0.00	53.17 1.70 0.00	58.74 2.37 0.00	50.50 1.42 0.00	40.92 1.19 0.00	35.05 0.92 0.00	30.42 0.74 0.00	27.67 0.67 0.00
GREENEDGE_115KV_TB5 80291	21.98 -0.31 0.00	21.03 -0.30 0.00	19.62 -0.24 0.00	19.09 -0.23 0.00	19.99 -0.20 0.00	23.48 0.00 0.00	33.91 0.34 0.00	42.24 -0.08 0.00	37.69 0.15 0.00	29.26 0.66 0.00	26.66 0.60 0.00	26.07 0.51 0.00	26.41 0.49 0.00	27.35 0.51 0.00	28.55 0.53 0.00	32.79 0.45 0.00	38.76 0.08 0.00	51.73 -0.15 -0.41	57.30 0.73 -0.19	49.27 0.10 -0.10	39.73 0.00 0.00	34.53 0.41 0.00	30.06 0.39 0.00	27.27 0.27 0.00
GREENIDGE___3 23582	21.98 -0.31 0.00	21.03 -0.30 0.00	19.62 -0.24 0.00	19.09 -0.23 0.00	19.99 -0.20 0.00	23.48 0.00 0.00	33.91 0.34 0.00	42.24 -0.08 0.00	37.69 0.15 0.00	29.26 0.66 0.00	26.66 0.60 0.00	26.07 0.51 0.00	26.41 0.49 0.00	27.35 0.51 0.00	28.55 0.53 0.00	32.79 0.45 0.00	38.76 0.08 0.00	51.73 -0.15 -0.41	57.30 0.73 -0.19	49.27 0.10 -0.10	39.73 0.00 0.00	34.53 0.41 0.00	30.06 0.39 0.00	27.27 0.27 0.00
GREENIDGE___4 23583	21.98 -0.31 0.00	21.03 -0.30 0.00	19.62 -0.24 0.00	19.09 -0.23 0.00	19.99 -0.20 0.00	23.50 0.02 0.00	33.91 0.34 0.00	42.24 -0.08 0.00	37.69 0.15 0.00	29.26 0.66 0.00	26.66 0.60 0.00	26.07 0.51 0.00	26.41 0.49 0.00	27.37 0.54 0.00	28.54 0.53 0.00	32.83 0.49 0.00	38.83 0.16 0.00	51.84 -0.05 -0.41	57.35 0.79 -0.19	49.42 0.25 -0.10	39.93 0.20 0.00	34.64 0.51 0.00	30.09 0.42 0.00	27.30 0.30 0.00
GREENLWN_69_KV_BK 3 55738	23.81 1.52 0.00	22.72 1.39 0.00	21.09 1.23 0.00	20.46 1.14 0.00	21.40 1.21 0.00	25.12 1.64 0.00	34.96 1.38 0.00	43.40 1.69 0.62	34.83 1.73 4.44	30.02 1.43 0.01	27.94 1.88 0.00	27.61 2.04 0.00	28.02 2.10 0.00	29.15 2.31 0.00	30.03 2.02 0.00	31.58 1.88 2.64	40.41 1.97 0.25	54.35 2.88 0.01	60.20 3.83 0.01	51.37 2.31 0.01	41.55 1.83 0.01	35.55 1.43 0.01	30.98 1.31 0.00	28.83 1.84 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01
GRISSOM___SOLAR 323813	23.81 1.52 0.00	22.85 1.51 0.00	21.17 1.31 0.00	20.59 1.27 0.00	21.64 1.45 0.00	25.54 2.07 0.00	36.57 2.99 0.00	46.14 3.81 0.00	40.62 3.08 0.00	30.49 1.89 0.00	27.50 1.43 0.00	26.92 1.35 0.00	27.37 1.45 0.00	28.29 1.45 0.00	29.72 1.71 0.00	34.60 2.26 0.00	41.93 3.25 0.00	56.26 4.79 0.00	62.35 5.97 0.00	53.78 4.71 0.00	43.38 3.65 0.00	37.26 3.14 0.00	32.23 2.55 0.00	29.18 2.19 0.00
GROVEVILLE___HYD 323602	23.58 1.29 0.00	22.50 1.17 0.00	20.95 1.09 0.00	20.34 1.02 0.00	21.24 1.05 0.00	25.00 1.53 0.00	35.69 2.12 0.00	45.25 2.92 0.00	40.20 2.67 0.00	30.49 1.89 0.00	27.86 1.80 0.00	27.40 1.84 0.00	27.87 1.94 0.00	28.82 1.99 0.00	30.09 2.07 0.00	34.77 2.43 0.00	41.43 2.75 0.00	55.33 3.86 0.00	61.28 4.90 0.00	52.36 3.29 0.00	42.39 2.66 0.00	36.21 2.08 0.00	31.46 1.78 0.00	28.67 1.67 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.04 -0.25 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.48 -0.10 0.00	42.11 -0.21 0.00	37.12 -0.41 0.00	28.37 -0.23 0.00	25.78 -0.29 0.00	25.23 -0.33 0.00	25.59 -0.34 0.00	26.49 -0.35 0.00	27.68 -0.34 0.00	31.95 -0.39 0.00	38.10 -0.58 0.00	52.79 -0.82 -2.14	56.84 -0.51 -0.97	49.16 -0.54 -0.63	39.17 -0.56 0.00	33.71 -0.41 0.00	29.29 -0.39 0.00	26.59 -0.40 0.00

HAMLTNNY_34_KV_TB 80303	22.04 -0.25 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.51 -0.07 0.00	42.16 -0.17 0.00	37.12 -0.41 0.00	28.40 -0.20 0.00	25.80 -0.26 0.00	25.26 -0.31 0.00	25.61 -0.31 0.00	26.52 -0.32 0.00	27.73 -0.28 0.00	31.99 -0.36 0.00	38.14 -0.54 0.00	52.91 -0.77 -2.21	56.93 -0.45 -1.00	49.23 -0.49 -0.65	39.21 -0.52 0.00	33.75 -0.38 0.00	29.32 -0.36 0.00	26.59 -0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	24.82 -0.33 -2.87	23.86 -0.26 -2.78	22.21 -0.28 -2.63	21.65 -0.25 -2.58	21.89 -0.24 -1.94	23.27 -0.21 0.00	33.58 0.00 0.00	42.41 0.08 0.00	37.65 0.11 0.00	28.49 -0.11 0.00	25.85 -0.21 0.00	25.33 -0.23 0.00	25.58 -0.34 0.00	26.52 -0.32 0.00	27.71 -0.31 0.00	32.02 -0.32 0.00	38.49 -0.19 0.00	52.27 0.10 -0.69	56.80 0.11 -0.32	49.62 0.35 -0.21	39.97 0.24 0.00	34.33 0.21 0.00	29.88 0.21 0.00	27.30 0.30 0.00
HARDSCRABBLE_WT_PWR 323673	21.75 -0.54 0.00	20.82 -0.51 0.00	19.40 -0.46 0.00	18.89 -0.43 0.00	19.76 -0.42 0.00	23.08 -0.40 0.00	33.08 -0.50 0.00	41.77 -0.55 0.00	37.09 -0.45 0.00	28.23 -0.37 0.00	25.67 -0.39 0.00	25.18 -0.38 0.00	25.48 -0.44 0.00	26.35 -0.48 0.00	27.51 -0.50 0.00	31.86 -0.48 0.00	38.14 -0.54 0.00	50.70 -0.77 0.00	55.64 -0.73 0.00	48.43 -0.64 0.00	39.17 -0.56 0.00	33.68 -0.44 0.00	29.32 -0.35 0.00	26.65 -0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.47 1.18 0.00	22.38 1.05 0.00	20.83 0.97 0.00	20.25 0.93 0.00	21.14 0.95 0.00	24.86 1.39 0.00	35.46 1.88 0.00	44.87 2.54 0.00	39.90 2.36 0.00	30.31 1.72 0.00	27.76 1.69 0.00	27.30 1.74 0.00	27.74 1.81 0.00	28.66 1.82 0.00	29.89 1.88 0.00	34.51 2.17 0.00	41.08 2.40 0.00	54.92 3.45 0.00	60.77 4.40 0.00	52.02 2.94 0.00	42.11 2.38 0.00	35.97 1.84 0.00	31.28 1.60 0.00	28.48 1.48 0.00
HARSNRAD_115KV_TB1 81005	21.09 -1.20 0.00	20.24 -1.09 0.00	18.86 -0.99 0.00	18.39 -0.93 0.00	19.28 -0.91 0.00	22.56 -0.92 0.00	32.54 -1.04 0.00	40.42 -1.90 0.00	35.81 -1.73 0.00	27.97 -0.63 0.00	25.80 -0.26 0.00	25.23 -0.33 0.00	25.53 -0.39 0.00	26.43 -0.40 0.00	27.59 -0.42 0.00	31.34 -1.00 0.00	37.02 -1.66 0.00	47.77 -3.71 0.00	53.56 -2.82 0.00	46.09 -2.94 0.04	37.30 -2.42 0.00	32.62 -1.50 0.00	28.58 -1.10 0.00	26.11 -0.89 0.00
HARZA MOOSE___RIVER 24016	23.08 0.00 -0.80	22.14 0.04 -0.77	20.61 0.02 -0.73	20.07 0.04 -0.72	20.79 0.06 -0.54	23.69 0.21 0.00	34.15 0.57 0.00	43.13 0.80 0.00	38.21 0.68 0.00	28.94 0.34 0.00	26.25 0.18 0.00	25.72 0.15 0.00	25.97 0.05 0.00	26.89 0.05 0.00	28.10 0.08 0.00	32.60 0.26 0.00	39.07 0.39 0.00	52.85 0.77 -0.61	57.89 1.24 -0.28	50.38 1.13 -0.18	40.56 0.83 0.00	34.70 0.58 0.00	30.21 0.53 0.00	27.46 0.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.93 -0.36 0.00	20.99 -0.34 0.00	19.56 -0.30 0.00	19.03 -0.29 0.00	19.89 -0.30 0.00	23.24 -0.23 0.00	33.28 -0.30 0.00	41.90 -0.42 0.00	36.94 -0.60 0.00	28.20 -0.40 0.00	25.65 -0.42 0.00	25.13 -0.43 0.00	25.46 -0.47 0.00	26.38 -0.46 0.00	27.57 -0.45 0.00	31.79 -0.55 0.00	37.87 -0.81 0.00	51.51 -1.18 -1.22	56.03 -0.90 -0.56	48.53 -0.88 -0.35	38.89 -0.83 0.00	33.51 -0.61 0.00	29.14 -0.53 0.00	26.43 -0.57 0.00
HELLGATE_13_KV_LD 55870	23.90 1.60 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.20 2.88 0.00	40.43 2.89 0.00	30.87 2.26 -0.01	28.25 2.19 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.58 2.90 0.00	55.33 3.86 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.39 2.66 0.00	36.31 2.18 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.90 1.60 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.20 2.88 0.00	40.43 2.89 0.00	30.87 2.26 -0.01	28.25 2.19 0.00	27.86 2.30 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.58 2.90 0.00	55.33 3.86 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.39 2.66 0.00	36.31 2.18 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
HEMPSTEAD____ 23647	23.76 1.47 0.00	22.70 1.37 0.00	21.05 1.19 0.00	20.44 1.12 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.28 1.71 0.01	44.14 2.16 0.35	37.18 2.10 2.45	30.22 1.63 0.01	27.94 1.88 0.00	27.61 2.05 0.00	28.02 2.10 0.00	29.04 2.20 0.00	30.17 2.16 0.00	33.24 2.36 1.46	41.20 2.67 0.14	55.12 3.66 0.00	60.99 4.62 0.00	52.10 3.04 0.01	42.10 2.38 0.01	36.00 1.88 0.00	31.43 1.75 0.00	28.73 1.73 0.00
HEWLETT_69_KV_BK3 55828	23.96 1.67 0.00	22.85 1.51 0.00	21.21 1.35 0.00	20.57 1.26 0.00	21.52 1.33 0.00	25.29 1.81 0.00	35.63 2.05 0.00	44.76 2.50 0.07	39.45 2.44 0.52	30.49 1.89 0.00	28.20 2.14 0.00	27.84 2.28 0.00	28.28 2.36 0.00	29.39 2.55 0.00	30.45 2.44 0.00	34.59 2.55 0.31	41.47 2.82 0.03	55.44 3.96 0.00	61.50 5.13 0.00	52.46 3.39 0.00	42.43 2.70 0.00	36.34 2.22 0.00	31.57 1.90 0.00	29.02 2.02 0.00
HICKLING___1 23621	22.09 -0.20 0.00	21.14 -0.19 0.00	19.70 -0.16 0.00	19.16 -0.15 0.00	20.07 -0.12 0.00	23.62 0.14 0.00	33.95 0.37 0.00	42.54 0.21 0.00	38.55 1.01 0.00	29.77 1.17 0.00	27.24 1.17 0.00	26.69 1.12 0.00	27.01 1.09 0.00	27.91 1.07 0.00	29.11 1.09 0.00	33.31 0.97 0.00	39.57 0.89 0.00	52.35 0.88 0.00	58.35 1.97 0.00	49.79 0.74 0.02	40.52 0.79 0.00	35.01 0.89 0.00	30.60 0.92 0.00	27.78 0.78 0.00
HICKLING___2 23622	22.09 -0.20 0.00	21.14 -0.19 0.00	19.70 -0.16 0.00	19.16 -0.15 0.00	20.07 -0.12 0.00	23.62 0.14 0.00	33.95 0.37 0.00	42.54 0.21 0.00	38.55 1.01 0.00	29.77 1.17 0.00	27.24 1.17 0.00	26.69 1.12 0.00	27.01 1.09 0.00	27.91 1.07 0.00	29.11 1.09 0.00	33.31 0.97 0.00	39.57 0.89 0.00	52.35 0.88 0.00	58.35 1.97 0.00	49.79 0.74 0.02	40.52 0.79 0.00	35.01 0.89 0.00	30.60 0.92 0.00	27.78 0.78 0.00
HIGH FALLS___HY 23754	23.60 1.32 0.00	22.50 1.17 0.00	20.93 1.07 0.00	20.34 1.02 0.00	21.22 1.03 0.00	25.00 1.53 0.00	35.69 2.12 0.00	45.25 2.92 0.00	40.20 2.67 0.00	30.57 1.97 0.00	27.94 1.88 0.00	27.51 1.94 0.00	27.94 2.02 0.00	28.90 2.07 0.00	30.17 2.16 0.00	34.83 2.49 0.00	41.43 2.75 0.00	55.33 3.86 0.00	61.28 4.90 0.00	52.36 3.29 0.00	42.39 2.66 0.00	36.17 2.05 0.00	31.46 1.78 0.00	28.67 1.67 0.00
HIGH_RIVER___SOLAR 323847	23.29 1.00 0.00	22.33 1.00 0.00	20.71 0.85 0.00	20.15 0.83 0.00	21.14 0.95 0.00	24.91 1.43 0.00	35.63 2.05 0.00	44.91 2.58 0.00	39.52 1.99 0.00	29.71 1.11 0.00	26.82 0.76 0.00	26.28 0.71 0.00	26.70 0.78 0.00	27.62 0.78 0.00	29.02 1.01 0.00	33.83 1.49 0.00	40.96 2.28 0.00	54.87 3.40 0.00	60.60 4.23 0.00	52.31 3.24 0.00	42.27 2.54 0.00	36.24 2.12 0.00	31.43 1.75 0.00	28.48 1.48 0.00

HILLBURN___GT 23639	23.49 1.20 0.00	22.42 1.09 0.00	20.85 0.99 0.00	20.25 0.93 0.00	21.14 0.95 0.00	24.86 1.38 0.00	35.42 1.85 0.00	44.78 2.45 0.00	39.86 2.33 0.00	30.34 1.74 0.00	27.81 1.75 0.00	27.38 1.82 0.00	27.81 1.89 0.00	28.77 1.93 0.00	29.94 1.93 0.00	34.60 2.26 0.00	41.23 2.55 0.00	55.08 3.60 0.00	60.83 4.45 0.00	52.26 3.19 0.00	42.23 2.50 0.00	36.07 1.94 0.00	31.40 1.72 0.00	28.48 1.48 0.00
HILLSIDE_115KV_TB1 80332	21.96 -0.33 0.00	20.99 -0.34 0.00	19.58 -0.28 0.00	19.03 -0.29 0.00	19.95 -0.24 0.00	23.43 -0.05 0.00	33.61 0.03 0.00	42.07 -0.25 0.00	38.29 0.75 0.00	29.51 0.92 0.00	27.03 0.96 0.00	26.51 0.95 0.00	26.83 0.91 0.00	27.72 0.89 0.00	28.88 0.87 0.00	33.05 0.71 0.00	39.30 0.62 0.00	52.04 0.57 0.00	57.90 1.52 0.00	49.40 0.34 0.02	40.24 0.52 0.00	34.77 0.65 0.00	30.36 0.68 0.00	27.59 0.59 0.00
HISHELDN_WT_PWR 323625	21.24 -1.05 0.00	20.37 -0.96 0.00	19.00 -0.85 0.00	18.51 -0.81 0.00	19.42 -0.77 0.00	22.80 -0.68 0.00	32.81 -0.77 0.00	40.89 -1.44 0.00	36.45 -1.09 0.00	28.40 -0.20 0.00	26.22 0.16 0.00	25.69 0.13 0.00	26.00 0.08 0.00	26.97 0.13 0.00	28.07 0.06 0.00	31.95 -0.39 0.00	37.87 -0.81 0.00	49.11 -2.37 0.00	54.97 -1.41 0.00	47.02 -2.01 0.04	38.45 -1.27 0.00	33.41 -0.72 0.00	29.14 -0.53 0.00	26.62 -0.38 0.00
HOLTSVILLE_IC_1 23690	23.92 1.63 0.00	22.93 1.60 0.00	21.24 1.39 0.00	20.61 1.29 0.00	21.58 1.39 0.00	25.29 1.81 0.00	35.18 1.61 0.01	43.43 1.74 0.64	34.78 1.76 4.52	29.87 1.29 0.02	27.76 1.69 0.00	27.43 1.87 0.00	27.81 1.89 0.00	28.80 1.96 0.00	29.92 1.91 0.00	31.59 1.94 2.69	40.55 2.13 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.58 1.87 0.02	35.72 1.60 0.01	31.25 1.57 0.00	28.75 1.75 0.00
HOLTSVILLE_IC_10 23699	24.01 1.72 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.32 1.74 0.01	43.60 1.91 0.63	34.96 1.91 4.49	29.96 1.37 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.90 2.07 0.00	30.03 2.02 0.00	31.74 2.07 2.67	40.74 2.32 0.26	54.81 3.34 0.01	60.71 4.34 0.01	51.75 2.70 0.02	41.74 2.02 0.02	35.86 1.74 0.01	31.37 1.69 0.00	28.83 1.84 0.00
HOLTSVILLE_IC_2 23691	23.92 1.63 0.00	22.93 1.60 0.00	21.24 1.39 0.00	20.61 1.29 0.00	21.58 1.39 0.00	25.29 1.81 0.00	35.18 1.61 0.01	43.43 1.74 0.64	34.78 1.76 4.52	29.87 1.29 0.02	27.76 1.69 0.00	27.43 1.87 0.00	27.81 1.89 0.00	28.80 1.96 0.00	29.92 1.91 0.00	31.59 1.94 2.69	40.55 2.13 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.58 1.87 0.02	35.72 1.60 0.01	31.25 1.57 0.00	28.75 1.75 0.00
HOLTSVILLE_IC_3 23692	23.92 1.63 0.00	22.93 1.60 0.00	21.24 1.39 0.00	20.61 1.29 0.00	21.58 1.39 0.00	25.29 1.81 0.00	35.18 1.61 0.01	43.43 1.74 0.64	34.78 1.76 4.52	29.87 1.29 0.02	27.76 1.69 0.00	27.43 1.87 0.00	27.81 1.89 0.00	28.80 1.96 0.00	29.92 1.91 0.00	31.59 1.94 2.69	40.55 2.13 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.58 1.87 0.02	35.72 1.60 0.01	31.25 1.57 0.00	28.75 1.75 0.00
HOLTSVILLE_IC_4 23693	23.92 1.63 0.00	22.93 1.60 0.00	21.24 1.39 0.00	20.61 1.29 0.00	21.58 1.39 0.00	25.29 1.81 0.00	35.18 1.61 0.01	43.43 1.74 0.64	34.78 1.76 4.52	29.87 1.29 0.02	27.76 1.69 0.00	27.43 1.87 0.00	27.81 1.89 0.00	28.80 1.96 0.00	29.92 1.91 0.00	31.59 1.94 2.69	40.55 2.13 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.58 1.87 0.02	35.72 1.60 0.01	31.25 1.57 0.00	28.75 1.75 0.00
HOLTSVILLE_IC_5 23694	23.92 1.63 0.00	22.93 1.60 0.00	21.24 1.39 0.00	20.61 1.29 0.00	21.58 1.39 0.00	25.29 1.81 0.00	35.18 1.61 0.01	43.43 1.74 0.64	34.78 1.76 4.52	29.87 1.29 0.02	27.76 1.69 0.00	27.43 1.87 0.00	27.81 1.89 0.00	28.80 1.96 0.00	29.92 1.91 0.00	31.59 1.94 2.69	40.55 2.13 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.58 1.87 0.02	35.72 1.60 0.01	31.25 1.57 0.00	28.75 1.75 0.00
HOLTSVILLE_IC_6 23695	24.01 1.72 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.32 1.74 0.01	43.60 1.91 0.63	34.96 1.91 4.49	29.96 1.37 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.90 2.07 0.00	30.03 2.02 0.00	31.74 2.07 2.67	40.74 2.32 0.26	54.81 3.34 0.01	60.71 4.34 0.01	51.75 2.70 0.02	41.74 2.02 0.02	35.86 1.74 0.01	31.37 1.69 0.00	28.83 1.84 0.00
HOLTSVILLE_IC_7 23696	24.01 1.72 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.32 1.74 0.01	43.60 1.91 0.63	34.96 1.91 4.49	29.96 1.37 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.90 2.07 0.00	30.03 2.02 0.00	31.74 2.07 2.67	40.74 2.32 0.26	54.81 3.34 0.01	60.71 4.34 0.01	51.75 2.70 0.02	41.74 2.02 0.02	35.86 1.74 0.01	31.37 1.69 0.00	28.83 1.84 0.00
HOLTSVILLE_IC_8 23697	24.01 1.72 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.32 1.74 0.01	43.60 1.91 0.63	34.96 1.91 4.49	29.96 1.37 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.90 2.07 0.00	30.03 2.02 0.00	31.74 2.07 2.67	40.74 2.32 0.26	54.81 3.34 0.01	60.71 4.34 0.01	51.75 2.70 0.02	41.74 2.02 0.02	35.86 1.74 0.01	31.37 1.69 0.00	28.83 1.84 0.00
HOLTSVILLE_IC_9 23698	24.01 1.72 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.32 1.74 0.01	43.60 1.91 0.63	34.96 1.91 4.49	29.96 1.37 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.90 2.07 0.00	30.03 2.02 0.00	31.74 2.07 2.67	40.74 2.32 0.26	54.81 3.34 0.01	60.71 4.34 0.01	51.75 2.70 0.02	41.74 2.02 0.02	35.86 1.74 0.01	31.37 1.69 0.00	28.83 1.84 0.00
HOMER_HL_115KV_TB2 355744	21.78 -0.51 0.00	20.84 -0.49 0.00	19.46 -0.40 0.00	18.93 -0.39 0.00	19.87 -0.32 0.00	23.38 -0.09 0.00	33.61 0.03 0.00	41.90 -0.42 0.00	37.09 -0.45 0.00	28.88 0.29 0.00	26.79 0.73 0.00	26.25 0.69 0.00	26.47 0.54 0.00	27.32 0.48 0.00	28.38 0.36 0.00	32.15 -0.19 0.00	38.02 -0.66 0.00	49.77 -1.70 0.00	55.87 -0.51 0.00	45.95 -3.09 0.04	38.61 -1.11 0.00	33.61 -0.51 0.00	29.53 -0.15 0.00	26.92 -0.08 0.00
HOWARD_WT_PWR 323690	21.47 -0.82 0.00	20.50 -0.83 0.00	19.22 -0.64 0.00	18.68 -0.64 0.00	19.62 -0.57 0.00	23.03 -0.45 0.00	33.18 -0.40 0.00	41.52 -0.81 0.00	37.42 -0.11 0.00	29.28 0.69 0.00	26.95 0.89 0.00	26.43 0.87 0.00	26.78 0.85 0.00	27.78 0.94 0.00	28.91 0.90 0.00	33.05 0.71 0.00	39.22 0.54 0.00	51.58 0.10 0.00	57.44 1.07 0.00	49.04 0.00 0.03	39.97 0.24 0.00	34.57 0.44 0.00	30.15 0.47 0.00	27.35 0.35 0.00

HQ_GEN_CEDARS 23644	23.36 -0.27 -1.34	22.44 -0.19 -1.30	20.85 -0.24 -1.23	20.29 -0.23 -1.20	20.87 -0.22 -0.91	23.15 -0.33 0.00	33.31 -0.27 0.00	41.99 -0.34 0.00	37.35 -0.19 0.00	28.43 -0.17 0.00	25.86 -0.21 0.00	25.36 -0.20 0.00	25.66 -0.26 0.00	26.62 -0.21 0.00	27.79 -0.22 0.00	32.18 -0.16 0.00	38.87 0.19 0.00	51.94 0.46 0.00	56.21 -0.17 0.00	49.37 0.29 0.00	40.04 0.32 0.00	34.36 0.24 0.00	29.88 0.21 0.00	27.29 0.30 0.00
HQ_GEN_CEDARS_PROXY 323590	23.36 -0.27 -1.34	22.44 -0.19 -1.30	20.85 -0.24 -1.23	20.29 -0.23 -1.20	20.87 -0.22 -0.91	23.15 -0.33 0.00	33.31 -0.27 0.00	41.99 -0.34 0.00	37.35 -0.19 0.00	28.43 -0.17 0.00	25.85 -0.21 0.00	25.36 -0.21 0.00	25.66 -0.26 0.00	26.62 -0.22 0.00	27.79 -0.23 0.00	31.99 -0.36 0.00	38.45 -0.23 0.00	51.42 -0.05 0.00	55.81 -0.56 0.00	48.88 -0.20 0.00	39.65 -0.08 0.00	34.16 0.03 0.00	29.71 0.03 0.00	27.30 0.30 0.00
HQ_GEN_IMPORT 323601	22.16 -0.13 0.00	21.23 -0.11 0.00	19.74 -0.12 0.00	19.20 -0.12 0.00	20.07 -0.12 0.00	23.29 -0.19 0.00	33.38 -0.20 0.00	42.12 -0.21 0.00	37.35 -0.19 0.00	28.46 -0.14 0.00	25.93 -0.13 0.00	25.44 -0.13 0.00	25.79 -0.13 0.00	26.70 -0.13 0.00	27.90 -0.11 0.00	32.15 -0.19 0.00	38.49 -0.19 0.00	51.32 -0.15 0.00	55.22 -0.67 0.48	49.31 -0.24 -0.48	39.57 -0.16 0.00	34.06 -0.07 0.00	29.62 -0.06 0.00	27.05 0.05 0.00
HQ_GEN_WHEEL 23651	22.16 -0.13 0.00	21.23 -0.11 0.00	19.74 -0.12 0.00	19.20 -0.12 0.00	20.07 -0.12 0.00	23.29 -0.19 0.00	33.38 -0.20 0.00	42.12 -0.21 0.00	37.35 -0.19 0.00	28.46 -0.14 0.00	25.93 -0.13 0.00	25.44 -0.13 0.00	25.79 -0.13 0.00	26.70 -0.13 0.00	27.90 -0.11 0.00	32.15 -0.19 0.00	38.49 -0.19 0.00	51.32 -0.15 0.00	55.22 -0.67 0.48	49.31 -0.24 -0.48	39.57 -0.16 0.00	34.06 -0.07 0.00	29.62 -0.06 0.00	27.05 0.05 0.00
HUDSON_AVE_GT_3 23810	23.83 1.54 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.29 2.96 0.00	40.39 2.85 0.00	30.80 2.20 0.00	28.25 2.19 0.00	27.89 2.33 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.74 3.06 0.00	55.59 4.12 0.00	61.45 5.07 0.00	52.56 3.48 0.00	42.59 2.86 0.00	36.41 2.29 0.00	31.69 2.02 0.00	28.83 1.84 0.00
HUDSON_AVE_GT_4 23540	23.83 1.54 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.29 2.96 0.00	40.39 2.85 0.00	30.80 2.20 0.00	28.25 2.19 0.00	27.89 2.33 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.74 3.06 0.00	55.59 4.12 0.00	61.45 5.07 0.00	52.56 3.48 0.00	42.59 2.86 0.00	36.41 2.29 0.00	31.69 2.02 0.00	28.83 1.84 0.00
HUDSON_AVE_GT_5 23657	23.83 1.54 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.29 2.96 0.00	40.39 2.85 0.00	30.80 2.20 0.00	28.25 2.19 0.00	27.89 2.33 0.00	28.38 2.46 0.00	29.44 2.60 0.00	30.59 2.58 0.00	35.22 2.88 0.00	41.74 3.06 0.00	55.59 4.12 0.00	61.45 5.07 0.00	52.56 3.48 0.00	42.59 2.86 0.00	36.41 2.29 0.00	31.69 2.02 0.00	28.83 1.84 0.00
HUDSON_AVE_10 24168	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.76 2.18 0.00	45.25 2.92 0.00	40.35 2.82 0.00	30.77 2.17 0.00	28.23 2.16 0.00	27.86 2.30 0.00	28.36 2.44 0.00	29.41 2.58 0.00	30.56 2.55 0.00	35.19 2.85 0.00	41.70 3.02 0.00	55.54 4.07 0.00	61.45 5.07 0.00	52.51 3.44 0.00	42.55 2.82 0.00	36.38 2.25 0.00	31.66 1.99 0.00	28.78 1.78 0.00
HUDSON___115KV_TB 4 355613	22.89 0.60 0.00	21.95 0.62 0.00	20.43 0.58 0.00	19.90 0.58 0.00	20.82 0.63 0.00	24.53 1.06 0.00	35.09 1.51 0.00	44.40 2.07 0.00	39.30 1.76 0.00	29.51 0.92 0.00	26.77 0.70 0.00	26.18 0.61 0.00	26.62 0.70 0.00	27.51 0.67 0.00	28.80 0.78 0.00	33.44 1.10 0.00	40.30 1.62 0.00	53.94 2.47 0.00	59.76 3.38 0.00	51.33 2.26 0.00	41.51 1.79 0.00	35.56 1.43 0.00	30.80 1.13 0.00	28.00 1.00 0.00
HUNTER MOUNT___DRP 323613	22.87 0.58 0.00	21.91 0.58 0.00	20.41 0.56 0.00	19.90 0.58 0.00	20.84 0.65 0.00	24.56 1.08 0.00	35.16 1.58 0.00	44.53 2.20 0.00	39.30 1.76 0.00	29.43 0.83 0.00	26.61 0.55 0.00	25.97 0.41 0.00	26.41 0.49 0.00	27.27 0.43 0.00	28.63 0.62 0.00	33.34 1.00 0.00	40.27 1.59 0.00	54.00 2.52 0.00	59.87 3.50 0.00	51.33 2.26 0.00	41.51 1.79 0.00	35.52 1.40 0.00	30.74 1.07 0.00	27.97 0.97 0.00
HUNTINGTON_RES_REC 323705	23.87 1.58 0.00	22.82 1.49 0.00	21.17 1.31 0.00	20.54 1.22 0.00	21.48 1.29 0.00	25.19 1.71 0.00	35.05 1.48 0.01	43.43 1.74 0.63	34.81 1.76 4.49	29.96 1.37 0.02	27.89 1.82 0.00	27.56 2.00 0.00	27.95 2.02 0.00	28.96 2.12 0.00	30.00 1.99 0.00	31.64 1.97 2.68	40.63 2.20 0.26	54.66 3.19 0.01	60.48 4.11 0.01	51.61 2.55 0.02	41.66 1.95 0.02	35.69 1.57 0.01	31.25 1.57 0.00	28.75 1.75 0.00
HUNTLEY___63 23557	21.24 -1.05 0.00	20.39 -0.94 0.00	19.02 -0.83 0.00	18.55 -0.77 0.00	19.44 -0.75 0.00	22.77 -0.70 0.00	32.81 -0.77 0.00	40.84 -1.48 0.00	36.22 -1.31 0.00	28.28 -0.31 0.00	26.09 0.03 0.00	25.54 -0.03 0.00	25.82 -0.10 0.00	26.78 -0.05 0.00	27.93 -0.08 0.00	31.69 -0.65 0.00	37.48 -1.20 0.00	48.28 -3.19 0.00	54.18 -2.20 0.00	46.43 -2.60 0.04	37.66 -2.07 0.00	32.96 -1.16 0.00	28.87 -0.80 0.00	26.35 -0.65 0.00
HUNTLEY___64 23558	21.24 -1.05 0.00	20.39 -0.94 0.00	19.02 -0.83 0.00	18.55 -0.77 0.00	19.44 -0.75 0.00	22.77 -0.70 0.00	32.81 -0.77 0.00	40.84 -1.48 0.00	36.22 -1.31 0.00	28.28 -0.31 0.00	26.09 0.03 0.00	25.54 -0.03 0.00	25.82 -0.10 0.00	26.78 -0.05 0.00	27.93 -0.08 0.00	31.69 -0.65 0.00	37.48 -1.20 0.00	48.28 -3.19 0.00	54.18 -2.20 0.00	46.43 -2.60 0.04	37.66 -2.07 0.00	32.96 -1.16 0.00	28.87 -0.80 0.00	26.35 -0.65 0.00
HUNTLEY___65 23559	21.24 -1.05 0.00	20.39 -0.94 0.00	19.02 -0.83 0.00	18.55 -0.77 0.00	19.44 -0.75 0.00	22.77 -0.70 0.00	32.81 -0.77 0.00	40.84 -1.48 0.00	36.22 -1.31 0.00	28.28 -0.31 0.00	26.09 0.03 0.00	25.54 -0.03 0.00	25.82 -0.10 0.00	26.78 -0.05 0.00	27.93 -0.08 0.00	31.69 -0.65 0.00	37.48 -1.20 0.00	48.28 -3.19 0.00	54.18 -2.20 0.00	46.43 -2.60 0.04	37.66 -2.07 0.00	32.96 -1.16 0.00	28.87 -0.80 0.00	26.35 -0.65 0.00
HUNTLEY___66 23560	21.24 -1.05 0.00	20.39 -0.94 0.00	19.02 -0.83 0.00	18.55 -0.77 0.00	19.44 -0.75 0.00	22.77 -0.70 0.00	32.81 -0.77 0.00	40.84 -1.48 0.00	36.22 -1.31 0.00	28.28 -0.31 0.00	26.09 0.03 0.00	25.54 -0.03 0.00	25.82 -0.10 0.00	26.78 -0.05 0.00	27.93 -0.08 0.00	31.69 -0.65 0.00	37.48 -1.20 0.00	48.28 -3.19 0.00	54.18 -2.20 0.00	46.43 -2.60 0.04	37.66 -2.07 0.00	32.96 -1.16 0.00	28.87 -0.80 0.00	26.35 -0.65 0.00



HUNTLEY___67 23561	21.20 -1.09 0.00	20.33 -1.00 0.00	18.96 -0.89 0.00	18.49 -0.83 0.00	19.38 -0.81 0.00	22.70 -0.77 0.00	32.64 -0.94 0.00	40.59 -1.74 0.00	35.96 -1.58 0.00	28.08 -0.51 0.00	25.91 -0.16 0.00	25.38 -0.18 0.00	25.66 -0.26 0.00	26.57 -0.27 0.00	27.71 -0.31 0.00	31.47 -0.87 0.00	37.17 -1.51 0.00	48.02 -3.45 0.00	53.78 -2.59 0.00	46.14 -2.90 0.04	37.46 -2.26 0.00	32.76 -1.36 0.00	28.70 -0.98 0.00	26.21 -0.78 0.00
HUNTLEY___68 23562	21.20 -1.09 0.00	20.33 -1.00 0.00	18.96 -0.89 0.00	18.49 -0.83 0.00	19.38 -0.81 0.00	22.70 -0.77 0.00	32.64 -0.94 0.00	40.59 -1.74 0.00	35.96 -1.58 0.00	28.08 -0.51 0.00	25.91 -0.16 0.00	25.38 -0.18 0.00	25.66 -0.26 0.00	26.57 -0.27 0.00	27.71 -0.31 0.00	31.47 -0.87 0.00	37.17 -1.51 0.00	48.02 -3.45 0.00	53.78 -2.59 0.00	46.14 -2.90 0.04	37.46 -2.26 0.00	32.76 -1.36 0.00	28.70 -0.98 0.00	26.21 -0.78 0.00
HYLAND___LFGE 323620	22.13 -0.15 0.00	21.18 -0.15 0.00	19.76 -0.10 0.00	19.26 -0.06 0.00	20.19 0.00 0.00	23.76 0.28 0.00	34.62 1.04 0.00	43.55 1.23 0.00	38.51 0.97 0.00	29.51 0.91 0.00	26.79 0.73 0.00	26.10 0.54 0.00	26.21 0.29 0.00	27.32 0.48 0.00	28.66 0.64 0.00	32.92 0.58 0.00	39.53 0.85 0.00	52.29 0.82 0.00	59.02 2.65 0.00	50.90 1.86 0.04	41.24 1.51 0.00	35.42 1.30 0.00	30.65 0.98 0.00	27.81 0.81 0.00
INDECK___CORINTH 23802	22.87 0.58 0.00	21.95 0.62 0.00	20.31 0.46 0.00	19.76 0.44 0.00	20.78 0.59 0.00	24.51 1.03 0.00	35.09 1.51 0.00	44.40 2.07 0.00	39.41 1.88 0.00	29.63 1.03 0.00	26.82 0.76 0.00	26.28 0.71 0.00	26.78 0.85 0.00	27.64 0.80 0.00	28.91 0.90 0.00	33.57 1.23 0.00	40.42 1.74 0.00	54.20 2.73 0.00	59.99 3.61 0.00	51.72 2.65 0.00	41.71 1.99 0.00	35.73 1.60 0.00	30.89 1.22 0.00	27.97 0.97 0.00
INDECK___ILION 23567	22.13 -0.16 0.00	21.18 -0.15 0.00	19.72 -0.14 0.00	19.18 -0.14 0.00	20.07 -0.12 0.00	23.41 -0.07 0.00	33.51 -0.07 0.00	42.28 -0.04 0.00	37.54 0.00 0.00	28.54 -0.06 0.00	25.99 -0.08 0.00	25.49 -0.08 0.00	25.82 -0.10 0.00	26.73 -0.11 0.00	27.87 -0.14 0.00	32.24 -0.10 0.00	38.56 -0.12 0.00	51.32 -0.15 0.00	56.37 0.00 0.00	48.97 -0.10 0.00	39.61 -0.12 0.00	34.02 -0.10 0.00	29.59 -0.09 0.00	26.92 -0.08 0.00
INDECK___OLEAN 23982	21.78 -0.51 0.00	20.84 -0.49 0.00	19.46 -0.40 0.00	18.93 -0.39 0.00	19.89 -0.30 0.00	23.41 -0.07 0.00	33.61 0.03 0.00	41.90 -0.42 0.00	37.09 -0.45 0.00	28.88 0.29 0.00	26.79 0.73 0.00	26.25 0.69 0.00	26.47 0.55 0.00	27.40 0.56 0.00	28.41 0.39 0.00	32.24 -0.10 0.00	38.18 -0.50 0.00	49.82 -1.65 0.00	55.98 -0.39 0.00	46.48 -2.55 0.04	39.01 -0.71 0.00	33.82 -0.31 0.00	29.59 -0.09 0.00	27.00 0.00 0.00
INDECK___OSWEGO 23783	21.71 -0.58 0.00	20.80 -0.53 0.00	19.38 -0.48 0.00	18.86 -0.46 0.00	19.70 -0.48 0.00	23.01 -0.47 0.00	32.87 -0.71 0.00	41.39 -0.93 0.00	36.53 -1.01 0.00	27.89 -0.71 0.00	25.36 -0.70 0.00	24.82 -0.74 0.00	25.15 -0.78 0.00	26.06 -0.78 0.00	27.20 -0.81 0.00	31.44 -0.91 0.00	37.60 -1.08 0.00	54.55 -1.54 -4.62	57.06 -1.41 -2.10	49.22 -1.28 -1.42	38.66 -1.07 0.00	33.24 -0.89 0.00	28.88 -0.80 0.00	26.19 -0.81 0.00
INDECK___YERKES 23781	21.26 -1.02 0.00	20.41 -0.92 0.00	19.04 -0.81 0.00	18.57 -0.75 0.00	19.46 -0.73 0.00	22.82 -0.66 0.00	32.84 -0.74 0.00	40.89 -1.44 0.00	36.26 -1.28 0.00	28.31 -0.29 0.00	26.14 0.08 0.00	25.56 0.00 0.00	25.87 -0.05 0.00	26.89 0.05 0.00	27.96 -0.06 0.00	31.76 -0.58 0.00	37.56 -1.12 0.00	48.28 -3.19 0.00	54.23 -2.14 0.00	46.63 -2.40 0.04	38.06 -1.67 0.00	33.13 -0.99 0.00	28.93 -0.74 0.00	26.43 -0.57 0.00
INDIAN POINT_GT_1 24139	23.58 1.29 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.30 0.99 0.00	21.20 1.01 0.00	24.93 1.46 0.00	35.49 1.91 0.00	44.91 2.58 0.00	39.98 2.44 0.00	30.43 1.83 0.00	27.89 1.82 0.00	27.48 1.92 0.00	27.94 2.02 0.00	28.93 2.09 0.00	30.11 2.10 0.00	34.67 2.33 0.00	41.23 2.55 0.00	55.02 3.55 0.00	60.88 4.51 0.00	52.07 2.99 0.00	42.19 2.46 0.00	36.07 1.95 0.00	31.37 1.69 0.00	28.59 1.59 0.00
INDIAN POINT_GT_2 23659	23.58 1.29 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.30 0.99 0.00	21.20 1.01 0.00	24.93 1.46 0.00	35.49 1.91 0.00	44.91 2.58 0.00	39.98 2.44 0.00	30.43 1.83 0.00	27.89 1.82 0.00	27.48 1.92 0.00	27.94 2.02 0.00	28.93 2.09 0.00	30.11 2.10 0.00	34.67 2.33 0.00	41.23 2.55 0.00	55.02 3.55 0.00	60.88 4.51 0.00	52.07 2.99 0.00	42.19 2.46 0.00	36.07 1.95 0.00	31.37 1.69 0.00	28.59 1.59 0.00
INDIAN POINT_GT_3 24019	23.58 1.29 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.30 0.99 0.00	21.20 1.01 0.00	24.93 1.46 0.00	35.49 1.91 0.00	44.91 2.58 0.00	39.98 2.44 0.00	30.43 1.83 0.00	27.89 1.82 0.00	27.48 1.92 0.00	27.94 2.02 0.00	28.93 2.09 0.00	30.11 2.10 0.00	34.67 2.33 0.00	41.23 2.55 0.00	55.02 3.55 0.00	60.88 4.51 0.00	52.07 2.99 0.00	42.19 2.46 0.00	36.07 1.95 0.00	31.37 1.69 0.00	28.59 1.59 0.00
INDIAN POINT___2 23530	23.54 1.25 0.00	22.44 1.11 0.00	20.87 1.01 0.00	20.27 0.95 0.00	21.16 0.97 0.00	24.89 1.41 0.00	35.42 1.85 0.00	44.82 2.50 0.00	39.86 2.33 0.00	30.37 1.77 0.00	27.84 1.77 0.00	27.43 1.87 0.00	27.87 1.95 0.00	28.85 2.01 0.00	30.03 2.02 0.00	34.67 2.33 0.00	41.31 2.63 0.00	55.13 3.66 0.00	60.83 4.45 0.00	52.22 3.14 0.00	42.23 2.50 0.00	36.07 1.94 0.00	31.43 1.75 0.00	28.51 1.51 0.00
INDIAN POINT___3 23531	23.60 1.32 0.00	22.53 1.19 0.00	20.93 1.07 0.00	20.34 1.02 0.00	21.22 1.03 0.00	24.96 1.48 0.00	35.53 1.95 0.00	44.95 2.62 0.00	40.05 2.51 0.00	30.49 1.89 0.00	27.94 1.88 0.00	27.53 1.97 0.00	28.00 2.07 0.00	29.01 2.17 0.00	30.17 2.16 0.00	34.77 2.43 0.00	41.31 2.63 0.00	55.08 3.60 0.00	60.94 4.57 0.00	52.12 3.04 0.00	42.23 2.50 0.00	36.10 1.98 0.00	31.43 1.75 0.00	28.62 1.62 0.00
INGHAM_C_115KV_TB7 356103	21.67 -0.62 0.00	20.73 -0.60 0.00	19.32 -0.54 0.00	18.82 -0.50 0.00	19.66 -0.52 0.00	22.98 -0.49 0.00	32.91 -0.67 0.00	41.56 -0.76 0.00	36.90 -0.64 0.00	28.06 -0.54 0.00	25.52 -0.55 0.00	25.03 -0.54 0.00	25.33 -0.60 0.00	26.22 -0.62 0.00	27.34 -0.67 0.00	31.66 -0.68 0.00	37.87 -0.81 0.00	50.34 -1.13 0.00	55.30 -1.07 0.00	48.09 -0.98 0.00	38.89 -0.83 0.00	33.44 -0.68 0.00	29.11 -0.56 0.00	26.48 -0.51 0.00
IP CORINTH___1 23988	22.98 0.69 0.00	22.08 0.75 0.00	20.43 0.58 0.00	19.86 0.54 0.00	20.88 0.69 0.00	24.65 1.17 0.00	35.26 1.68 0.00	44.65 2.33 0.00	39.64 2.10 0.00	29.77 1.17 0.00	26.95 0.89 0.00	26.41 0.84 0.00	26.91 0.99 0.00	27.80 0.97 0.00	29.08 1.06 0.00	33.67 1.33 0.00	40.54 1.86 0.00	54.25 2.78 0.00	60.21 3.83 0.00	51.77 2.70 0.00	41.79 2.07 0.00	35.83 1.71 0.00	30.98 1.31 0.00	28.13 1.13 0.00

IP___TICONDEROGA 23804	23.83 1.54 0.00	22.95 1.62 0.00	21.15 1.29 0.00	20.57 1.26 0.00	21.70 1.51 0.00	25.71 2.23 0.00	36.84 3.26 0.00	46.69 4.36 0.00	41.48 3.94 0.00	31.00 2.40 0.00	27.91 1.85 0.00	27.33 1.76 0.00	27.87 1.94 0.00	28.72 1.88 0.00	30.09 2.07 0.00	34.93 2.59 0.00	42.12 3.44 0.00	56.62 5.15 0.00	63.08 6.71 0.00	54.23 5.15 0.00	43.66 3.93 0.00	37.47 3.34 0.00	32.29 2.61 0.00	29.24 2.24 0.00
ISLIP_RES_REC 323679	24.07 1.78 0.00	23.08 1.75 0.00	21.36 1.51 0.00	20.75 1.43 0.00	21.72 1.53 0.00	25.47 1.99 0.00	35.45 1.88 0.01	43.77 2.07 0.63	35.13 2.06 4.47	30.07 1.49 0.02	27.94 1.88 0.00	27.63 2.07 0.00	28.02 2.10 0.00	29.01 2.17 0.00	30.14 2.13 0.00	31.88 2.20 2.66	40.94 2.51 0.25	55.07 3.60 0.01	61.04 4.68 0.01	52.00 2.94 0.02	41.93 2.22 0.02	36.03 1.91 0.01	31.49 1.81 0.00	28.91 1.92 0.00
JAMAICA__27_KV_LOAD 355505	23.96 1.67 0.00	22.82 1.49 0.00	21.23 1.37 0.00	20.61 1.29 0.00	21.48 1.29 0.00	25.26 1.78 0.00	36.06 2.48 0.00	45.67 3.34 0.00	40.73 3.19 0.00	31.06 2.46 0.00	28.49 2.42 0.00	28.12 2.56 0.00	28.62 2.70 0.00	29.71 2.87 0.00	30.87 2.86 0.00	35.54 3.20 0.00	42.12 3.44 0.00	56.16 4.68 0.00	62.18 5.81 0.00	53.15 4.07 0.00	43.02 3.30 0.00	36.72 2.59 0.00	31.93 2.26 0.00	29.00 2.00 0.00
JANIS___SOLAR 323808	22.96 0.67 0.00	21.99 0.66 0.00	20.45 0.60 0.00	19.94 0.62 0.00	20.85 0.67 0.00	24.54 1.06 0.00	35.53 1.95 0.00	44.74 2.41 0.00	39.08 1.54 0.00	29.63 1.03 0.00	26.56 0.49 0.00	25.97 0.41 0.00	26.21 0.29 0.00	27.16 0.32 0.00	28.43 0.42 0.00	33.09 0.74 0.00	39.72 1.04 0.00	54.06 1.75 -0.83	59.51 2.76 -0.38	51.66 2.36 -0.24	41.47 1.75 0.00	35.49 1.37 0.00	30.86 1.19 0.00	27.92 0.92 0.00
JARVIS____ 23743	22.36 0.07 0.00	21.40 0.06 0.00	19.92 0.06 0.00	19.38 0.06 0.00	20.25 0.06 0.00	23.62 0.14 0.00	33.78 0.20 0.00	42.58 0.26 0.00	37.76 0.23 0.00	28.74 0.14 0.00	26.20 0.13 0.00	25.69 0.13 0.00	26.05 0.13 0.00	26.97 0.13 0.00	28.15 0.14 0.00	32.54 0.20 0.00	38.91 0.23 0.00	51.84 0.36 0.00	56.82 0.45 0.00	49.37 0.30 0.00	39.97 0.24 0.00	34.26 0.14 0.00	29.82 0.15 0.00	27.11 0.11 0.00
JENNISON___1 23625	23.16 0.87 0.00	22.18 0.85 0.00	20.63 0.77 0.00	20.11 0.79 0.00	21.04 0.85 0.00	24.75 1.27 0.00	35.79 2.22 0.00	45.08 2.75 0.00	40.28 2.74 0.00	30.63 2.03 0.00	27.63 1.56 0.00	27.10 1.53 0.00	27.35 1.43 0.00	28.26 1.42 0.00	29.53 1.51 0.00	34.18 1.84 0.00	40.81 2.13 0.00	54.56 3.09 0.00	60.77 4.40 0.00	52.35 3.29 0.01	42.39 2.66 0.00	36.27 2.15 0.00	31.63 1.96 0.00	28.70 1.70 0.00
JENNISON___2 23626	23.16 0.87 0.00	22.18 0.85 0.00	20.63 0.77 0.00	20.11 0.79 0.00	21.04 0.85 0.00	24.75 1.27 0.00	35.79 2.22 0.00	45.08 2.75 0.00	40.28 2.74 0.00	30.63 2.03 0.00	27.63 1.56 0.00	27.10 1.53 0.00	27.35 1.43 0.00	28.26 1.42 0.00	29.53 1.51 0.00	34.18 1.84 0.00	40.81 2.13 0.00	54.56 3.09 0.00	60.77 4.40 0.00	52.35 3.29 0.01	42.39 2.66 0.00	36.27 2.15 0.00	31.63 1.96 0.00	28.70 1.70 0.00
JERICHO_RISE_WT_PWR 323719	-9.08 -0.96 30.41	-9.00 -0.85 29.48	-8.91 -0.85 27.91	-8.87 -0.83 27.36	-1.21 -0.85 20.55	22.40 -1.08 0.00	32.30 -1.28 0.00	40.72 -1.61 0.00	36.30 -1.24 0.00	27.77 -0.83 0.00	25.33 -0.73 0.00	24.85 -0.72 0.00	25.17 -0.75 0.00	26.17 -0.67 0.00	27.37 -0.64 0.00	31.14 -1.20 0.00	37.36 -1.32 0.00	50.19 -1.28 0.00	54.29 -2.08 0.00	47.40 -1.67 0.00	38.45 -1.27 0.00	33.44 -0.68 0.00	29.17 -0.50 0.00	27.16 0.16 0.00
KATONAH__115KV_46KV_TB4 355592	23.74 1.45 0.00	22.63 1.30 0.00	21.05 1.19 0.00	20.44 1.12 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.79 2.22 0.00	45.46 3.13 0.00	40.58 3.04 0.00	30.74 2.14 0.00	28.12 2.06 0.00	27.76 2.20 0.00	28.28 2.36 0.00	29.31 2.47 0.00	30.51 2.49 0.00	35.15 2.81 0.00	41.81 3.13 0.00	55.69 4.22 0.00	61.79 5.41 0.00	52.66 3.58 0.00	42.71 2.98 0.00	36.41 2.29 0.00	31.69 2.02 0.00	28.86 1.86 0.00
KCE_NY_1 323755	23.20 0.91 0.00	22.25 0.92 0.00	20.63 0.77 0.00	20.07 0.75 0.00	21.06 0.87 0.00	24.82 1.34 0.00	35.46 1.88 0.00	44.82 2.50 0.00	39.75 2.21 0.00	29.97 1.37 0.00	27.24 1.17 0.00	26.69 1.12 0.00	27.14 1.22 0.00	28.05 1.21 0.00	29.33 1.32 0.00	34.02 1.68 0.00	40.92 2.24 0.00	54.72 3.24 0.00	60.44 4.06 0.00	52.12 3.04 0.00	42.11 2.38 0.00	36.07 1.94 0.00	31.28 1.60 0.00	28.35 1.35 0.00
KCE_NY_6_ESR 323823	21.44 -0.85 0.00	20.56 -0.77 0.00	19.18 -0.68 0.00	18.68 -0.64 0.00	19.60 -0.59 0.00	23.01 -0.47 0.00	33.11 -0.47 0.00	41.23 -1.10 0.00	36.60 -0.94 0.00	28.54 -0.06 0.00	26.38 0.31 0.00	25.82 0.26 0.00	26.10 0.18 0.00	27.13 0.30 0.00	28.18 0.17 0.00	32.02 -0.32 0.00	37.91 -0.77 0.00	48.90 -2.57 0.00	54.91 -1.47 0.00	46.83 -2.21 0.04	38.45 -1.27 0.00	33.44 -0.68 0.00	29.20 -0.48 0.00	26.67 -0.32 0.00
KEDC_PORT_JEFF_GT2 24210	24.01 1.72 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.64 1.45 0.00	25.38 1.90 0.00	35.32 1.74 0.01	43.60 1.91 0.63	34.95 1.91 4.50	29.98 1.40 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.93 2.09 0.00	30.03 2.02 0.00	31.67 2.01 2.68	40.47 2.05 0.26	54.29 2.83 0.01	60.14 3.78 0.01	51.32 2.26 0.02	41.50 1.79 0.02	35.65 1.54 0.01	31.34 1.66 0.00	28.81 1.81 0.00
KEDC_PORT_JEFF_GT3 24211	24.01 1.72 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.64 1.45 0.00	25.38 1.90 0.00	35.32 1.74 0.01	43.60 1.91 0.63	34.95 1.91 4.50	29.98 1.40 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.93 2.09 0.00	30.03 2.02 0.00	31.67 2.01 2.68	40.47 2.05 0.26	54.29 2.83 0.01	60.14 3.78 0.01	51.32 2.26 0.02	41.50 1.79 0.02	35.65 1.54 0.01	31.34 1.66 0.00	28.81 1.81 0.00
KEDC_GLWD_GT4 24219	23.87 1.58 0.00	22.78 1.45 0.00	21.15 1.29 0.00	20.54 1.22 0.00	21.46 1.27 0.00	25.21 1.74 0.00	35.48 1.91 0.01	44.52 2.45 0.26	38.10 2.37 1.81	30.39 1.80 0.01	28.12 2.06 0.00	27.76 2.20 0.00	28.20 2.28 0.00	29.22 2.39 0.00	30.34 2.32 0.00	33.85 2.59 1.08	41.51 2.94 0.11	55.54 4.07 0.00	61.45 5.08 0.00	52.55 3.48 0.01	42.38 2.66 0.01	36.27 2.15 0.00	31.60 1.93 0.00	28.86 1.86 0.00
KEDC_GLWD_GT5 24220	23.87 1.58 0.00	22.78 1.45 0.00	21.15 1.29 0.00	20.54 1.22 0.00	21.46 1.27 0.00	25.21 1.74 0.00	35.48 1.91 0.01	44.52 2.45 0.26	38.10 2.37 1.81	30.39 1.80 0.01	28.12 2.06 0.00	27.76 2.20 0.00	28.20 2.28 0.00	29.22 2.39 0.00	30.34 2.32 0.00	33.85 2.59 1.08	41.51 2.94 0.11	55.54 4.07 0.00	61.45 5.08 0.00	52.55 3.48 0.01	42.38 2.66 0.01	36.27 2.15 0.00	31.60 1.93 0.00	28.86 1.86 0.00

KENSICO____ 23655	23.65 1.36 0.00	22.55 1.22 0.00	20.97 1.11 0.00	20.36 1.04 0.00	21.26 1.07 0.00	24.98 1.50 0.00	35.56 1.98 0.00	44.99 2.67 0.00	40.09 2.55 0.00	30.52 1.92 0.00	27.97 1.90 0.00	27.58 2.02 0.00	28.05 2.13 0.00	29.06 2.23 0.00	30.23 2.21 0.00	34.83 2.49 0.00	41.39 2.71 0.00	55.18 3.71 0.00	61.05 4.68 0.00	52.21 3.14 0.00	42.31 2.58 0.00	36.17 2.05 0.00	31.46 1.78 0.00	28.64 1.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.56 1.27 0.00	22.46 1.13 0.00	20.91 1.05 0.00	20.32 1.00 0.00	21.20 1.01 0.00	24.98 1.50 0.00	35.66 2.08 0.00	45.20 2.88 0.00	40.16 2.63 0.00	30.49 1.89 0.00	27.84 1.77 0.00	27.38 1.81 0.00	27.81 1.89 0.00	28.77 1.93 0.00	30.06 2.04 0.00	34.70 2.36 0.00	41.35 2.67 0.00	55.28 3.81 0.00	61.22 4.85 0.00	52.31 3.24 0.00	42.35 2.62 0.00	36.14 2.01 0.00	31.43 1.75 0.00	28.64 1.65 0.00
KIAC_JFK_GT1 23816	23.85 1.56 0.00	22.72 1.39 0.00	21.13 1.27 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.83 2.25 0.00	45.42 3.09 0.00	40.50 2.97 0.00	30.89 2.29 0.00	28.33 2.27 0.00	27.97 2.40 0.00	28.49 2.57 0.00	29.55 2.71 0.00	30.67 2.66 0.00	35.35 3.01 0.00	41.89 3.21 0.00	55.85 4.38 0.00	61.79 5.41 0.00	52.80 3.73 0.00	42.79 3.06 0.00	36.51 2.39 0.00	31.75 2.08 0.00	28.86 1.86 0.00
KIAC_JFK_GT2 23817	23.85 1.56 0.00	22.72 1.39 0.00	21.13 1.27 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.83 2.25 0.00	45.42 3.09 0.00	40.50 2.97 0.00	30.89 2.29 0.00	28.33 2.27 0.00	27.97 2.40 0.00	28.49 2.57 0.00	29.55 2.71 0.00	30.67 2.66 0.00	35.35 3.01 0.00	41.89 3.21 0.00	55.85 4.38 0.00	61.79 5.41 0.00	52.80 3.73 0.00	42.79 3.06 0.00	36.51 2.39 0.00	31.75 2.08 0.00	28.86 1.86 0.00
KIAC_JFK____ 323774	23.85 1.56 0.00	22.72 1.39 0.00	21.13 1.27 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.83 2.25 0.00	45.42 3.09 0.00	40.50 2.96 0.00	30.89 2.29 0.00	28.33 2.27 0.00	27.96 2.40 0.00	28.49 2.57 0.00	29.55 2.71 0.00	30.68 2.66 0.00	35.48 3.14 0.00	42.12 3.44 0.00	56.11 4.63 0.00	61.90 5.53 0.00	53.10 4.02 0.00	42.94 3.22 0.00	36.61 2.49 0.00	31.87 2.20 0.00	28.83 1.84 0.00
KINTIGH____ 23543	21.18 -1.11 0.00	20.31 -1.02 0.00	18.92 -0.93 0.00	18.45 -0.87 0.00	19.32 -0.87 0.00	22.61 -0.87 0.00	32.50 -1.07 0.00	40.51 -1.82 0.00	35.81 -1.73 0.00	27.86 -0.74 0.00	25.62 -0.44 0.00	25.08 -0.49 0.00	25.38 -0.54 0.00	26.25 -0.59 0.00	27.40 -0.62 0.00	31.21 -1.13 0.00	36.94 -1.74 0.00	47.92 -3.55 0.00	53.56 -2.82 0.00	46.67 -2.36 0.04	37.42 -2.30 0.00	32.62 -1.50 0.00	28.52 -1.16 0.00	26.03 -0.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-7.31 -0.51 29.09	-7.28 -0.43 28.19	-7.31 -0.48 26.69	-7.31 -0.46 26.16	0.01 -0.52 19.65	22.77 -0.70 0.00	32.97 -0.60 0.00	41.56 -0.76 0.00	37.12 -0.41 0.00	28.40 -0.20 0.00	25.88 -0.18 0.00	25.41 -0.15 0.00	25.71 -0.21 0.00	26.78 -0.05 0.00	28.01 0.00 0.00	32.47 0.13 0.00	39.69 1.01 0.00	53.33 1.85 0.00	57.78 1.41 0.00	50.35 1.28 0.00	40.76 1.03 0.00	34.91 0.78 0.00	30.36 0.68 0.00	27.81 0.81 0.00
LACHUTE__HYDRO 323717	23.83 1.54 0.00	22.95 1.62 0.00	21.15 1.29 0.00	20.57 1.26 0.00	21.70 1.51 0.00	25.71 2.23 0.00	36.83 3.26 0.00	46.69 4.36 0.00	41.44 3.90 0.00	31.00 2.40 0.00	27.91 1.85 0.00	27.32 1.76 0.00	27.87 1.95 0.00	28.72 1.88 0.00	30.09 2.07 0.00	34.99 2.65 0.00	42.24 3.56 0.00	56.78 5.30 0.00	63.19 6.82 0.00	54.42 5.35 0.00	43.78 4.05 0.00	37.54 3.41 0.00	32.35 2.67 0.00	29.24 2.24 0.00
LAWRNCV_115KV_TB1 80681	25.49 -0.33 -3.53	24.52 -0.23 -3.42	22.80 -0.30 -3.24	22.22 -0.27 -3.18	22.31 -0.26 -2.39	23.13 -0.35 0.00	33.34 -0.24 0.00	42.07 -0.25 0.00	37.42 -0.11 0.00	28.46 -0.14 0.00	25.86 -0.21 0.00	25.36 -0.20 0.00	25.64 -0.29 0.00	26.60 -0.24 0.00	27.76 -0.25 0.00	32.18 -0.16 0.00	38.91 0.23 0.00	52.42 0.62 -0.33	56.58 0.06 -0.15	49.66 0.49 -0.10	40.20 0.48 0.00	34.43 0.31 0.00	29.97 0.30 0.00	27.38 0.38 0.00
LEDERLE____ 23769	23.54 1.25 0.00	22.44 1.11 0.00	20.89 1.03 0.00	20.29 0.97 0.00	21.18 0.99 0.00	24.93 1.46 0.00	35.49 1.91 0.00	44.91 2.58 0.00	39.94 2.40 0.00	30.40 1.80 0.00	27.86 1.80 0.00	27.43 1.87 0.00	27.87 1.94 0.00	28.82 1.99 0.00	30.00 1.99 0.00	34.57 2.23 0.00	41.15 2.48 0.00	54.97 3.50 0.00	60.88 4.51 0.00	52.12 3.04 0.00	42.15 2.42 0.00	36.03 1.91 0.00	31.37 1.69 0.00	28.54 1.54 0.00
LIGHTRSE_115KV_TB6 355974	21.89 -0.40 0.00	20.97 -0.36 0.00	19.54 -0.32 0.00	19.03 -0.29 0.00	19.89 -0.30 0.00	23.24 -0.23 0.00	33.28 -0.30 0.00	41.95 -0.38 0.00	37.05 -0.49 0.00	28.23 -0.37 0.00	25.59 -0.47 0.00	25.05 -0.51 0.00	25.35 -0.57 0.00	26.25 -0.59 0.00	27.43 -0.59 0.00	31.73 -0.61 0.00	37.94 -0.73 0.00	53.05 -0.98 -2.55	56.91 -0.62 -1.16	49.30 -0.54 -0.77	39.17 -0.56 0.00	33.75 -0.38 0.00	29.32 -0.36 0.00	26.59 -0.40 0.00
LINDEN COGEN____ 23786	23.67 1.38 0.00	22.57 1.24 0.00	20.99 1.13 0.00	20.38 1.06 0.00	21.26 1.07 0.00	24.98 1.50 0.00	35.56 1.98 0.00	44.94 2.63 0.01	37.09 2.55 3.00	30.60 2.00 0.00	28.10 2.03 0.00	27.73 2.17 0.00	28.23 2.31 0.00	29.25 2.42 0.00	30.39 2.38 0.00	35.12 2.78 0.00	39.61 2.94 2.01	55.38 3.91 0.00	61.11 4.74 0.00	52.41 3.34 0.00	42.43 2.70 0.00	36.24 2.12 0.00	31.60 1.93 0.00	28.62 1.62 0.00
LINDHRST_69_KV_BK1 356055	24.03 1.74 0.00	22.97 1.64 0.00	21.30 1.45 0.00	20.67 1.35 0.00	21.62 1.43 0.00	25.40 1.93 0.00	35.53 1.95 0.00	44.11 2.33 0.55	35.90 2.29 3.92	30.28 1.69 0.01	28.10 2.03 0.00	27.76 2.20 0.00	28.18 2.26 0.00	29.33 2.50 0.00	30.31 2.30 0.00	32.34 2.33 2.33	40.98 2.51 0.22	55.07 3.60 0.01	61.05 4.68 0.01	52.11 3.04 0.01	42.18 2.46 0.01	36.13 2.01 0.01	31.43 1.75 0.00	29.13 2.13 0.00
LIPA_MISC_IPP 23656	23.92 1.63 0.00	22.97 1.64 0.00	21.28 1.43 0.00	20.65 1.33 0.00	21.62 1.43 0.00	25.33 1.85 0.00	35.22 1.65 0.00	43.35 1.65 0.63	34.64 1.61 4.51	29.76 1.17 0.01	27.65 1.59 0.00	27.33 1.76 0.00	27.71 1.79 0.00	28.88 2.04 0.00	29.81 1.79 0.00	31.37 1.71 2.68	40.21 1.78 0.25	54.19 2.73 0.01	60.09 3.72 0.01	51.22 2.16 0.01	41.47 1.75 0.01	35.69 1.57 0.01	31.10 1.42 0.00	28.91 1.92 0.00
LISF__SOLAR 323691	23.94 1.65 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.67 1.35 0.00	21.64 1.45 0.00	25.36 1.88 0.00	35.25 1.68 0.01	43.39 1.69 0.63	34.75 1.73 4.51	29.78 1.20 0.02	27.65 1.59 0.00	27.32 1.76 0.00	27.71 1.79 0.00	28.72 1.88 0.00	29.83 1.82 0.00	31.53 1.88 2.69	40.55 2.13 0.26	54.66 3.19 0.01	60.60 4.23 0.01	51.61 2.55 0.02	41.62 1.91 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.70 1.70 0.00



LUTHERNY_35_KV_BK2 355980	23.20 0.91 0.00	22.25 0.92 0.00	20.63 0.77 0.00	20.07 0.75 0.00	21.06 0.87 0.00	24.82 1.34 0.00	35.46 1.88 0.00	44.82 2.50 0.00	39.79 2.25 0.00	29.97 1.37 0.00	27.24 1.17 0.00	26.69 1.12 0.00	27.14 1.22 0.00	28.04 1.21 0.00	29.33 1.32 0.00	33.96 1.62 0.00	40.81 2.13 0.00	54.51 3.04 0.00	60.38 4.00 0.00	51.92 2.85 0.00	41.99 2.26 0.00	36.03 1.91 0.00	31.22 1.54 0.00	28.35 1.35 0.00
LWR___OSWEGATCHIE_HYD 23850	24.82 -0.33 -2.87	23.85 -0.26 -2.78	22.21 -0.28 -2.63	21.65 -0.25 -2.58	21.88 -0.24 -1.94	23.27 -0.21 0.00	33.58 0.00 0.00	42.41 0.08 0.00	37.65 0.11 0.00	28.48 -0.11 0.00	25.86 -0.21 0.00	25.33 -0.23 0.00	25.59 -0.34 0.00	26.52 -0.32 0.00	27.71 -0.31 0.00	32.15 -0.19 0.00	38.76 0.08 0.00	52.58 0.41 -0.69	57.08 0.39 -0.32	49.92 0.64 -0.21	40.20 0.48 0.00	34.47 0.34 0.00	30.00 0.33 0.00	27.29 0.30 0.00
LYONS_FALL_HYD 23570	23.08 0.00 -0.80	22.14 0.04 -0.77	20.61 0.02 -0.73	20.07 0.04 -0.72	20.79 0.06 -0.54	23.69 0.21 0.00	34.15 0.57 0.00	43.13 0.80 0.00	38.21 0.68 0.00	28.94 0.34 0.00	26.25 0.18 0.00	25.72 0.15 0.00	25.97 0.05 0.00	26.89 0.05 0.00	28.10 0.08 0.00	32.60 0.26 0.00	39.07 0.39 0.00	52.85 0.77 -0.61	57.84 1.19 -0.28	50.38 1.13 -0.18	40.56 0.84 0.00	34.70 0.58 0.00	30.21 0.53 0.00	27.46 0.46 0.00
MADISON___COUNTY_LFGE 323628	22.65 0.36 0.00	21.69 0.36 0.00	20.17 0.32 0.00	19.67 0.35 0.00	20.55 0.36 0.00	24.06 0.59 0.00	34.62 1.04 0.00	43.68 1.35 0.00	38.59 1.05 0.00	29.34 0.74 0.00	26.53 0.47 0.00	26.00 0.43 0.00	26.28 0.36 0.00	27.19 0.35 0.00	28.43 0.42 0.00	32.92 0.58 0.00	39.34 0.66 0.00	53.14 0.98 -0.69	58.21 1.52 -0.31	50.55 1.28 -0.20	40.64 0.91 0.00	34.84 0.72 0.00	30.30 0.62 0.00	27.51 0.51 0.00
MALONE___115KV_TB1 356076	39.97 -0.65 -18.33	38.56 -0.53 -17.76	36.10 -0.58 -16.82	35.24 -0.56 -16.49	32.01 -0.57 -12.38	22.75 -0.73 0.00	32.87 -0.71 0.00	41.48 -0.85 0.00	37.01 -0.53 0.00	28.26 -0.34 0.00	25.73 -0.34 0.00	25.23 -0.33 0.00	25.53 -0.39 0.00	26.54 -0.30 0.00	27.73 -0.28 0.00	32.18 -0.16 0.00	39.18 0.50 0.00	52.61 1.13 0.00	56.94 0.56 0.00	49.76 0.69 0.00	40.36 0.64 0.00	34.53 0.41 0.00	30.06 0.39 0.00	27.51 0.51 0.00
MAPLEWOD_115KV_TB3 80458	22.96 0.67 0.00	21.97 0.64 0.00	20.45 0.60 0.00	19.90 0.58 0.00	20.82 0.63 0.00	24.49 1.01 0.00	34.99 1.41 0.00	44.23 1.90 0.00	39.30 1.76 0.00	29.66 1.06 0.00	27.03 0.96 0.00	26.48 0.92 0.00	26.93 1.01 0.00	27.86 1.02 0.00	29.08 1.06 0.00	33.63 1.29 0.00	40.38 1.70 0.00	53.89 2.42 0.00	59.53 3.16 0.00	51.18 2.11 0.00	41.43 1.71 0.00	35.52 1.40 0.00	30.83 1.16 0.00	28.02 1.03 0.00
MAPLE_RIDGE_WT_1 323574	21.29 -1.00 0.00	20.39 -0.94 0.00	18.98 -0.87 0.00	18.49 -0.83 0.00	19.32 -0.87 0.00	22.47 -1.01 0.00	32.23 -1.34 0.00	40.76 -1.57 0.00	36.30 -1.24 0.00	27.74 -0.86 0.00	25.39 -0.68 0.00	24.95 -0.61 0.00	25.33 -0.60 0.00	26.22 -0.62 0.00	27.40 -0.62 0.00	31.56 -0.78 0.00	37.83 -0.85 0.00	50.39 -1.08 0.00	54.74 -1.64 0.00	47.75 -1.32 0.00	38.69 -1.03 0.00	33.30 -0.82 0.00	29.02 -0.65 0.00	26.59 -0.40 0.00
MAPLE_RIDGE_WT_2 323611	21.29 -1.00 0.00	20.39 -0.94 0.00	18.98 -0.87 0.00	18.49 -0.83 0.00	19.32 -0.87 0.00	22.47 -1.01 0.00	32.23 -1.34 0.00	40.76 -1.57 0.00	36.30 -1.24 0.00	27.74 -0.86 0.00	25.39 -0.68 0.00	24.95 -0.61 0.00	25.33 -0.60 0.00	26.22 -0.62 0.00	27.40 -0.62 0.00	31.56 -0.78 0.00	37.83 -0.85 0.00	50.39 -1.08 0.00	54.74 -1.64 0.00	47.75 -1.32 0.00	38.69 -1.03 0.00	33.30 -0.82 0.00	29.02 -0.65 0.00	26.59 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -0.89 28.40	-7.00 -0.81 27.52	-7.00 -0.79 26.06	-7.00 -0.77 25.55	0.19 -0.81 19.19	22.47 -1.01 0.00	32.40 -1.18 0.00	40.89 -1.44 0.00	36.45 -1.09 0.00	27.89 -0.71 0.00	25.44 -0.63 0.00	24.95 -0.61 0.00	25.30 -0.62 0.00	26.30 -0.54 0.00	27.48 -0.53 0.00	31.14 -1.20 0.00	37.17 -1.51 0.00	49.98 -1.49 0.00	54.12 -2.26 0.00	47.21 -1.86 0.00	38.26 -1.47 0.00	33.41 -0.72 0.00	29.14 -0.53 0.00	27.30 0.30 0.00
MARSHVLE_115KV_TB1 80742	24.16 1.87 0.00	23.19 1.86 0.00	21.46 1.61 0.00	20.88 1.56 0.00	21.97 1.78 0.00	25.92 2.44 0.00	37.14 3.56 0.00	46.81 4.49 0.00	40.99 3.45 0.00	30.72 2.12 0.00	27.58 1.51 0.00	27.02 1.46 0.00	27.45 1.53 0.00	28.37 1.53 0.00	29.86 1.85 0.00	34.77 2.43 0.00	42.35 3.67 0.00	56.93 5.46 0.00	63.31 6.93 0.00	54.47 5.40 0.00	43.98 4.25 0.00	37.84 3.72 0.00	32.73 3.06 0.00	29.67 2.67 0.00
MARSH_HILL_WT_PWR 323713	21.49 -0.80 0.00	20.52 -0.81 0.00	19.24 -0.62 0.00	18.70 -0.62 0.00	19.65 -0.54 0.00	23.06 -0.42 0.00	33.14 -0.44 0.00	41.48 -0.85 0.00	37.42 -0.11 0.00	29.28 0.69 0.00	26.92 0.86 0.00	26.43 0.87 0.00	26.78 0.85 0.00	27.75 0.91 0.00	28.88 0.87 0.00	33.02 0.68 0.00	39.22 0.54 0.00	51.52 0.05 0.00	57.44 1.07 0.00	49.04 0.00 0.03	39.97 0.24 0.00	34.57 0.44 0.00	30.12 0.45 0.00	27.35 0.35 0.00
MCINTYRE_115KV_TB2 80467	25.57 -0.07 -3.35	24.60 0.02 -3.24	22.89 -0.04 -3.07	22.31 -0.02 -3.01	22.45 0.00 -2.26	23.43 -0.05 0.00	33.91 0.34 0.00	42.79 0.47 0.00	38.02 0.49 0.00	28.80 0.20 0.00	26.06 0.00 0.00	25.56 0.00 0.00	25.82 -0.10 0.00	26.76 -0.08 0.00	27.96 -0.06 0.00	32.44 0.10 0.00	39.22 0.54 0.00	52.97 1.18 -0.32	57.31 0.79 -0.14	50.44 1.28 -0.09	40.80 1.07 0.00	34.87 0.75 0.00	30.36 0.68 0.00	27.70 0.70 0.00
MECO_____69_KV_BK1 80468	24.10 1.81 0.00	23.14 1.81 0.00	21.40 1.55 0.00	20.85 1.53 0.00	21.95 1.76 0.00	25.92 2.44 0.00	37.10 3.53 0.00	46.81 4.49 0.00	41.18 3.64 0.00	30.86 2.26 0.00	27.76 1.69 0.00	27.17 1.61 0.00	27.63 1.71 0.00	28.55 1.72 0.00	30.00 1.99 0.00	34.93 2.59 0.00	42.35 3.67 0.00	56.83 5.35 0.00	63.25 6.88 0.00	54.42 5.35 0.00	43.90 4.17 0.00	37.74 3.62 0.00	32.61 2.94 0.00	29.56 2.56 0.00
MENANDS___115KV_TB5 355628	22.85 0.56 0.00	21.86 0.53 0.00	20.37 0.52 0.00	19.82 0.50 0.00	20.71 0.52 0.00	24.39 0.92 0.00	34.79 1.21 0.00	44.02 1.69 0.00	39.08 1.54 0.00	29.51 0.92 0.00	26.92 0.86 0.00	26.38 0.82 0.00	26.83 0.91 0.00	27.75 0.91 0.00	28.94 0.92 0.00	33.51 1.16 0.00	40.19 1.51 0.00	53.58 2.11 0.00	59.19 2.82 0.00	50.89 1.82 0.00	41.24 1.51 0.00	35.32 1.19 0.00	30.65 0.98 0.00	27.89 0.89 0.00
MG INDUSTRY___DRP 24185	22.80 0.51 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.69 0.50 0.00	24.37 0.89 0.00	34.79 1.21 0.00	43.93 1.61 0.00	38.93 1.39 0.00	29.37 0.77 0.00	26.72 0.65 0.00	26.15 0.59 0.00	26.57 0.65 0.00	27.51 0.67 0.00	28.71 0.70 0.00	33.28 0.94 0.00	39.99 1.32 0.00	53.38 1.90 0.00	59.02 2.65 0.00	50.79 1.72 0.00	41.16 1.43 0.00	35.28 1.16 0.00	30.65 0.98 0.00	27.86 0.86 0.00

MID___OSWEGATCHIE_HYD 23849	24.82 -0.33 -2.87	23.85 -0.26 -2.78	22.21 -0.28 -2.63	21.65 -0.25 -2.58	21.88 -0.24 -1.94	23.27 -0.21 0.00	33.58 0.00 0.00	42.41 0.08 0.00	37.65 0.11 0.00	28.48 -0.11 0.00	25.86 -0.21 0.00	25.33 -0.23 0.00	25.59 -0.34 0.00	26.52 -0.32 0.00	27.71 -0.31 0.00	32.15 -0.19 0.00	38.76 0.08 0.00	52.58 0.41 -0.69	57.08 0.39 -0.32	49.92 0.64 -0.21	40.20 0.48 0.00	34.47 0.34 0.00	30.00 0.33 0.00	27.29 0.30 0.00
MID___RAQUETTE_HYD 23851	26.16 -0.36 -4.23	25.17 -0.26 -4.10	23.44 -0.30 -3.88	22.83 -0.29 -3.80	22.78 -0.26 -2.86	23.13 -0.35 0.00	33.38 -0.20 0.00	42.11 -0.21 0.00	37.46 -0.08 0.00	28.46 -0.14 0.00	25.86 -0.21 0.00	25.36 -0.20 0.00	25.64 -0.29 0.00	26.57 -0.27 0.00	27.76 -0.25 0.00	32.18 -0.16 0.00	38.91 0.23 0.00	52.51 0.67 -0.37	56.71 0.17 -0.17	49.77 0.59 -0.11	40.24 0.52 0.00	34.47 0.34 0.00	30.00 0.33 0.00	27.40 0.40 0.00
MILLIKEN___1 23584	22.58 0.29 0.00	21.61 0.28 0.00	20.11 0.26 0.00	19.57 0.25 0.00	20.47 0.28 0.00	24.02 0.54 0.00	34.59 1.01 0.00	43.55 1.23 0.00	37.87 0.34 0.00	28.91 0.31 0.00	26.12 0.05 0.00	25.54 -0.03 0.00	25.87 -0.05 0.00	26.81 -0.03 0.00	28.04 0.03 0.00	32.44 0.10 0.00	38.76 0.08 0.00	52.93 0.26 -1.20	57.71 0.79 -0.54	50.06 0.64 -0.35	40.04 0.32 0.00	34.43 0.31 0.00	29.91 0.24 0.00	27.11 0.11 0.00
MILLIKEN___2 23585	22.58 0.29 0.00	21.61 0.28 0.00	20.11 0.26 0.00	19.57 0.25 0.00	20.47 0.28 0.00	24.02 0.54 0.00	34.59 1.01 0.00	43.55 1.23 0.00	37.87 0.34 0.00	28.91 0.31 0.00	26.12 0.05 0.00	25.54 -0.03 0.00	25.87 -0.05 0.00	26.81 -0.03 0.00	28.04 0.03 0.00	32.44 0.10 0.00	38.76 0.08 0.00	52.93 0.26 -1.20	57.71 0.79 -0.54	50.06 0.64 -0.35	40.04 0.32 0.00	34.43 0.31 0.00	29.91 0.24 0.00	27.11 0.11 0.00
MILLIKEN___DIESEL 23629	22.58 0.29 0.00	21.61 0.28 0.00	20.11 0.26 0.00	19.57 0.25 0.00	20.47 0.28 0.00	24.02 0.54 0.00	34.59 1.01 0.00	43.55 1.23 0.00	37.87 0.34 0.00	28.91 0.31 0.00	26.12 0.05 0.00	25.54 -0.03 0.00	25.87 -0.05 0.00	26.81 -0.03 0.00	28.04 0.03 0.00	32.44 0.10 0.00	38.76 0.08 0.00	52.93 0.26 -1.20	57.71 0.79 -0.54	50.06 0.64 -0.35	40.04 0.32 0.00	34.43 0.31 0.00	29.91 0.24 0.00	27.11 0.11 0.00
MILLSEAT___LFGE 323607	21.31 -0.98 0.00	20.46 -0.88 0.00	19.06 -0.79 0.00	18.58 -0.73 0.00	19.48 -0.71 0.00	22.87 -0.61 0.00	33.08 -0.50 0.00	41.27 -1.06 0.00	36.49 -1.05 0.00	28.37 -0.23 0.00	26.12 0.05 0.00	25.51 -0.05 0.00	25.82 -0.10 0.00	26.81 -0.03 0.00	27.96 -0.06 0.00	31.79 -0.55 0.00	37.71 -0.97 0.00	48.74 -2.73 0.00	54.80 -1.58 0.00	47.27 -1.76 0.04	38.45 -1.27 0.00	33.37 -0.75 0.00	28.99 -0.68 0.00	26.48 -0.51 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.60 1.32 0.00	22.50 1.17 0.00	20.93 1.07 0.00	20.34 1.02 0.00	21.22 1.03 0.00	24.96 1.48 0.00	35.53 1.95 0.00	44.95 2.62 0.00	40.05 2.51 0.00	30.46 1.86 0.00	27.91 1.85 0.00	27.53 1.97 0.00	28.00 2.07 0.00	29.01 2.17 0.00	30.17 2.16 0.00	34.73 2.39 0.00	41.31 2.63 0.00	55.08 3.60 0.00	60.94 4.57 0.00	52.12 3.04 0.00	42.23 2.50 0.00	36.10 1.98 0.00	31.43 1.75 0.00	28.62 1.62 0.00
MILLWOOD_13_KV_LOAD 356217	23.67 1.38 0.00	22.57 1.24 0.00	20.99 1.13 0.00	20.38 1.06 0.00	21.28 1.09 0.00	25.03 1.55 0.00	35.63 2.05 0.00	45.08 2.75 0.00	40.20 2.67 0.00	30.54 1.94 0.00	27.99 1.93 0.00	27.61 2.04 0.00	28.07 2.15 0.00	29.09 2.25 0.00	30.25 2.24 0.00	34.86 2.52 0.00	41.46 2.78 0.00	55.23 3.76 0.00	61.17 4.79 0.00	52.26 3.19 0.00	42.35 2.62 0.00	36.21 2.08 0.00	31.49 1.81 0.00	28.70 1.70 0.00
MODEL_CITY_ENERGY 24167	20.86 -1.43 0.00	20.03 -1.30 0.00	18.68 -1.17 0.00	18.22 -1.10 0.00	19.08 -1.11 0.00	22.35 -1.13 0.00	32.14 -1.44 0.00	39.96 -2.37 0.00	35.36 -2.18 0.00	27.63 -0.97 0.00	25.47 -0.60 0.00	24.92 -0.64 0.00	25.20 -0.73 0.00	26.17 -0.67 0.00	27.23 -0.78 0.00	30.95 -1.39 0.00	36.59 -2.09 0.00	46.99 -4.48 0.00	52.82 -3.55 0.00	45.65 -3.39 0.04	37.18 -2.54 0.00	32.38 -1.74 0.00	28.22 -1.45 0.00	25.84 -1.16 0.00
MODERN_LFGE___ 323580	20.86 -1.43 0.00	20.03 -1.30 0.00	18.68 -1.17 0.00	18.22 -1.10 0.00	19.08 -1.11 0.00	22.35 -1.13 0.00	32.14 -1.44 0.00	39.96 -2.37 0.00	35.36 -2.18 0.00	27.63 -0.97 0.00	25.47 -0.60 0.00	24.92 -0.64 0.00	25.20 -0.73 0.00	26.17 -0.67 0.00	27.23 -0.78 0.00	30.95 -1.39 0.00	36.59 -2.09 0.00	46.99 -4.48 0.00	52.82 -3.55 0.00	45.65 -3.39 0.04	37.18 -2.54 0.00	32.38 -1.74 0.00	28.22 -1.45 0.00	25.84 -1.16 0.00
MOHAWK_PAPER___DRP 24187	22.96 0.67 0.00	21.97 0.64 0.00	20.45 0.60 0.00	19.90 0.58 0.00	20.82 0.63 0.00	24.49 1.01 0.00	34.99 1.41 0.00	44.23 1.90 0.00	39.30 1.76 0.00	29.66 1.06 0.00	27.03 0.96 0.00	26.48 0.92 0.00	26.93 1.01 0.00	27.86 1.02 0.00	29.08 1.06 0.00	33.63 1.29 0.00	40.38 1.70 0.00	53.89 2.42 0.00	59.53 3.16 0.00	51.18 2.11 0.00	41.43 1.71 0.00	35.52 1.40 0.00	30.83 1.16 0.00	28.02 1.03 0.00
MOHICAN___35_KV_115KV_LD 80490	23.16 0.87 0.00	22.23 0.90 0.00	20.57 0.71 0.00	20.01 0.70 0.00	21.04 0.85 0.00	24.84 1.36 0.00	35.53 1.95 0.00	44.95 2.62 0.00	39.90 2.36 0.00	29.97 1.37 0.00	27.13 1.07 0.00	26.58 1.02 0.00	27.09 1.17 0.00	27.96 1.13 0.00	29.25 1.23 0.00	33.89 1.55 0.00	40.81 2.13 0.00	54.61 3.14 0.00	60.60 4.23 0.00	52.16 3.09 0.00	42.11 2.38 0.00	36.10 1.98 0.00	31.22 1.54 0.00	28.32 1.32 0.00
MONGAUP___HYD 23641	23.36 1.07 0.00	22.29 0.96 0.00	20.75 0.89 0.00	20.17 0.85 0.00	21.08 0.89 0.00	24.77 1.29 0.00	35.42 1.85 0.00	44.87 2.54 0.00	39.79 2.25 0.00	30.14 1.54 0.00	27.52 1.46 0.00	27.02 1.46 0.00	27.48 1.56 0.00	28.39 1.56 0.00	29.67 1.65 0.00	34.41 2.07 0.00	41.08 2.40 0.00	54.98 3.50 0.00	60.77 4.40 0.00	52.22 3.14 0.00	42.15 2.42 0.00	36.00 1.88 0.00	31.31 1.63 0.00	28.43 1.43 0.00
MONTAUK___DIESEL 23721	24.52 2.23 0.00	23.55 2.22 0.00	21.80 1.95 0.00	21.17 1.85 0.00	22.19 2.00 0.00	25.99 2.51 0.00	36.20 2.62 0.00	44.53 2.84 0.63	35.73 2.70 4.51	30.48 1.89 0.01	28.33 2.27 0.00	28.02 2.45 0.00	28.36 2.44 0.00	29.57 2.74 0.00	30.53 2.52 0.00	32.31 2.65 2.68	41.56 3.13 0.25	56.10 4.63 0.01	62.29 5.92 0.01	52.94 3.88 0.01	42.78 3.06 0.01	36.81 2.70 0.01	31.90 2.23 0.00	29.62 2.62 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.31 -0.98 0.00	20.41 -0.92 0.00	19.06 -0.79 0.00	18.57 -0.75 0.00	19.50 -0.69 0.00	22.94 -0.54 0.00	33.14 -0.44 0.00	41.56 -0.76 0.00	37.01 -0.53 0.00	28.91 0.31 0.00	26.92 0.86 0.00	26.43 0.87 0.00	26.67 0.75 0.00	27.59 0.75 0.00	28.74 0.73 0.00	32.57 0.23 0.00	38.49 -0.19 0.00	49.98 -1.49 0.00	55.98 -0.39 0.00	47.02 -2.01 0.04	38.49 -1.23 0.00	33.61 -0.51 0.00	29.50 -0.18 0.00	26.86 -0.13 0.00



NARROWS_GT1_5 24232	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT1_6 24233	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT1_7 24234	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT1_8 24235	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT2_1 24236	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT2_2 24237	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT2_3 24238	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT2_4 24239	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT2_5 24240	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT2_6 24241	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT2_7 24242	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NARROWS_GT2_8 24243	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.87 0.58 0.00	21.91 0.58 0.00	20.41 0.56 0.00	19.90 0.58 0.00	20.84 0.65 0.00	24.56 1.08 0.00	35.16 1.58 0.00	44.53 2.20 0.00	39.30 1.76 0.00	29.43 0.83 0.00	26.61 0.55 0.00	25.97 0.41 0.00	26.41 0.49 0.00	27.27 0.43 0.00	28.63 0.62 0.00	33.34 1.00 0.00	40.27 1.59 0.00	54.00 2.52 0.00	59.87 3.50 0.00	51.33 2.26 0.00	41.51 1.79 0.00	35.52 1.40 0.00	30.74 1.07 0.00	27.97 0.97 0.00
NCHELSEA_115KV_TR2 355582	23.56 1.27 0.00	22.48 1.15 0.00	20.93 1.07 0.00	20.32 1.00 0.00	21.22 1.03 0.00	24.98 1.50 0.00	35.66 2.08 0.00	45.16 2.84 0.00	40.16 2.63 0.00	30.46 1.86 0.00	27.84 1.77 0.00	27.38 1.81 0.00	27.84 1.92 0.00	28.80 1.96 0.00	30.06 2.04 0.00	34.73 2.39 0.00	41.39 2.71 0.00	55.28 3.81 0.00	61.22 4.85 0.00	52.31 3.24 0.00	42.35 2.62 0.00	36.17 2.05 0.00	31.43 1.75 0.00	28.64 1.65 0.00
NEG CAPITAL___MECHNVIL 23645	23.23 0.94 0.00	22.25 0.92 0.00	20.63 0.77 0.00	20.07 0.75 0.00	21.06 0.87 0.00	24.82 1.34 0.00	35.46 1.88 0.00	44.87 2.54 0.00	39.79 2.25 0.00	30.00 1.40 0.00	27.26 1.20 0.00	26.71 1.15 0.00	27.17 1.24 0.00	28.07 1.24 0.00	29.33 1.32 0.00	34.05 1.71 0.00	40.96 2.28 0.00	54.77 3.30 0.00	60.49 4.11 0.00	52.17 3.09 0.00	42.11 2.38 0.00	36.10 1.98 0.00	31.28 1.60 0.00	28.35 1.35 0.00



NEG CENTRAL_HIGH_ACRES 23767	21.18 -1.11 0.00	20.29 -1.04 0.00	18.90 -0.95 0.00	18.41 -0.91 0.00	19.28 -0.91 0.00	22.59 -0.89 0.00	32.57 -1.01 0.00	40.89 -1.44 0.00	36.11 -1.43 0.00	27.83 -0.77 0.00	25.41 -0.65 0.00	24.82 -0.74 0.00	25.20 -0.73 0.00	26.11 -0.72 0.00	27.28 -0.73 0.00	31.27 -1.07 0.00	37.25 -1.43 0.00	48.90 -2.57 0.00	54.40 -1.97 0.00	47.31 -1.72 0.05	38.18 -1.55 0.00	32.93 -1.20 0.00	28.55 -1.13 0.00	25.97 -1.03 0.00
NEG CENTRAL___DRP 24199	22.00 -0.29 0.00	21.03 -0.30 0.00	19.62 -0.24 0.00	19.09 -0.23 0.00	19.97 -0.22 0.00	23.41 -0.07 0.00	33.71 0.13 0.00	42.28 -0.04 0.00	37.42 -0.11 0.00	28.80 0.20 0.00	26.22 0.16 0.00	25.64 0.08 0.00	25.97 0.05 0.00	26.89 0.05 0.00	28.10 0.08 0.00	32.34 0.00 0.00	38.45 -0.23 0.00	52.31 -0.46 -1.30	57.14 0.17 -0.59	49.25 -0.20 -0.37	39.45 -0.28 0.00	34.09 -0.03 0.00	29.65 -0.03 0.00	26.89 -0.11 0.00
NEG CENTRAL___INDECK 23768	21.98 -0.31 0.00	21.05 -0.28 0.00	19.64 -0.22 0.00	19.13 -0.19 0.00	20.05 -0.14 0.00	23.57 0.09 0.00	34.21 0.64 0.00	42.96 0.64 0.00	38.10 0.56 0.00	29.37 0.77 0.00	26.79 0.73 0.00	26.12 0.56 0.00	26.39 0.47 0.00	27.43 0.59 0.00	28.68 0.67 0.00	32.89 0.55 0.00	39.30 0.62 0.00	51.73 0.26 0.00	58.06 1.69 0.00	50.07 1.03 0.04	40.56 0.84 0.00	34.94 0.82 0.00	30.30 0.62 0.00	27.51 0.51 0.00
NEG CENTRAL___SENECA 23627	22.00 -0.29 0.00	21.05 -0.28 0.00	19.62 -0.24 0.00	19.09 -0.23 0.00	20.01 -0.18 0.00	23.48 0.00 0.00	33.91 0.34 0.00	42.41 0.08 0.00	37.72 0.19 0.00	29.14 0.54 0.00	26.53 0.47 0.00	25.95 0.38 0.00	26.28 0.36 0.00	27.21 0.38 0.00	28.43 0.42 0.00	32.66 0.32 0.00	38.76 0.08 0.00	51.92 -0.15 -0.60	57.32 0.68 -0.27	49.37 0.15 -0.15	39.73 0.00 0.00	34.40 0.27 0.00	29.91 0.24 0.00	27.13 0.13 0.00
NEG CENTRAL___STATE_STREET 24147	22.11 -0.18 0.00	21.14 -0.19 0.00	19.70 -0.16 0.00	19.18 -0.14 0.00	20.05 -0.14 0.00	23.45 -0.02 0.00	33.68 0.10 0.00	42.33 0.00 0.00	37.31 -0.23 0.00	28.57 -0.03 0.00	25.96 -0.10 0.00	25.41 -0.15 0.00	25.77 -0.16 0.00	26.68 -0.16 0.00	27.90 -0.11 0.00	32.15 -0.19 0.00	38.37 -0.31 0.00	53.10 -0.46 -2.09	57.21 -0.11 -0.95	49.49 -0.20 -0.62	39.41 -0.32 0.00	33.95 -0.17 0.00	29.50 -0.18 0.00	26.73 -0.27 0.00
NEG MILLWOOD___DRP 24198	23.76 1.47 0.00	22.63 1.30 0.00	21.07 1.21 0.00	20.44 1.12 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.86 2.28 0.00	45.46 3.13 0.00	40.54 3.00 0.00	30.69 2.09 0.00	28.04 1.98 0.00	27.66 2.10 0.00	28.15 2.23 0.00	29.15 2.31 0.00	30.39 2.38 0.00	35.06 2.72 0.00	41.77 3.09 0.00	55.69 4.22 0.00	61.73 5.36 0.00	52.66 3.58 0.00	42.67 2.94 0.00	36.38 2.25 0.00	31.66 1.99 0.00	28.83 1.84 0.00
NEG NORTH_FLCN_SEA 23793	-7.13 -0.58 28.84	-7.11 -0.49 27.95	-7.13 -0.52 26.47	-7.13 -0.50 25.94	0.15 -0.55 19.49	22.77 -0.70 0.00	32.94 -0.64 0.00	41.52 -0.80 0.00	37.09 -0.45 0.00	28.40 -0.20 0.00	25.88 -0.18 0.00	25.41 -0.15 0.00	25.74 -0.18 0.00	26.78 -0.05 0.00	28.01 0.00 0.00	32.50 0.16 0.00	39.65 0.97 0.00	53.22 1.75 0.00	57.67 1.30 0.00	50.25 1.18 0.00	40.72 0.99 0.00	34.87 0.75 0.00	30.36 0.68 0.00	27.81 0.81 0.00
NEG NORTH_KES_CHATEGAY 23792	-9.00 -0.91 30.38	-8.92 -0.81 29.44	-8.84 -0.81 27.88	-8.80 -0.79 27.33	-1.15 -0.81 20.53	22.44 -1.03 0.00	32.37 -1.21 0.00	40.84 -1.48 0.00	36.41 -1.13 0.00	27.83 -0.77 0.00	25.39 -0.68 0.00	24.90 -0.66 0.00	25.22 -0.70 0.00	26.22 -0.62 0.00	27.43 -0.59 0.00	31.82 -0.52 0.00	38.72 0.04 0.00	51.99 0.51 0.00	56.15 -0.23 0.00	49.12 0.05 0.00	39.85 0.12 0.00	34.19 0.07 0.00	29.79 0.12 0.00	27.24 0.24 0.00
NEG NORTH___ALICE_FALLS 23915	-7.31 -0.51 29.09	-7.28 -0.43 28.19	-7.31 -0.48 26.69	-7.31 -0.46 26.16	0.01 -0.52 19.65	22.77 -0.70 0.00	32.97 -0.60 0.00	41.56 -0.76 0.00	37.12 -0.41 0.00	28.40 -0.20 0.00	25.88 -0.18 0.00	25.41 -0.15 0.00	25.71 -0.21 0.00	26.78 -0.05 0.00	28.01 0.00 0.00	32.47 0.13 0.00	39.69 1.01 0.00	53.33 1.85 0.00	57.78 1.41 0.00	50.35 1.28 0.00	40.76 1.03 0.00	34.91 0.78 0.00	30.36 0.68 0.00	27.81 0.81 0.00
NEG NORTH___LWR_SARANAC 23913	-7.31 -0.51 29.09	-7.28 -0.43 28.19	-7.31 -0.48 26.69	-7.31 -0.46 26.16	0.01 -0.52 19.65	22.77 -0.70 0.00	32.97 -0.60 0.00	41.56 -0.76 0.00	37.12 -0.41 0.00	28.40 -0.20 0.00	25.88 -0.18 0.00	25.41 -0.15 0.00	25.71 -0.21 0.00	26.78 -0.05 0.00	28.01 0.00 0.00	32.47 0.13 0.00	39.69 1.01 0.00	53.33 1.85 0.00	57.78 1.41 0.00	50.35 1.28 0.00	40.76 1.03 0.00	34.91 0.78 0.00	30.36 0.68 0.00	27.81 0.81 0.00
NEG NORTH___PLATTSBURG 23628	-7.31 -0.51 29.09	-7.28 -0.43 28.19	-7.31 -0.48 26.69	-7.31 -0.46 26.16	0.01 -0.53 19.65	22.77 -0.70 0.00	32.97 -0.60 0.00	41.57 -0.76 0.00	37.12 -0.41 0.00	28.40 -0.20 0.00	25.88 -0.18 0.00	25.41 -0.15 0.00	25.71 -0.21 0.00	26.76 -0.08 0.00	28.01 0.00 0.00	31.30 -1.04 0.00	37.21 -1.47 0.00	50.09 -1.39 0.00	54.35 -2.03 0.00	47.26 -1.81 0.00	38.22 -1.51 0.00	33.65 -0.48 0.00	29.26 -0.42 0.00	27.81 0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	21.09 -1.20 0.00	20.24 -1.09 0.00	18.86 -0.99 0.00	18.39 -0.93 0.00	19.28 -0.91 0.00	22.56 -0.92 0.00	32.54 -1.04 0.00	40.42 -1.90 0.00	35.81 -1.73 0.00	27.97 -0.63 0.00	25.80 -0.26 0.00	25.23 -0.33 0.00	25.53 -0.39 0.00	26.43 -0.40 0.00	27.59 -0.42 0.00	31.34 -1.00 0.00	37.02 -1.66 0.00	47.77 -3.71 0.00	53.56 -2.82 0.00	46.09 -2.94 0.04	37.30 -2.42 0.00	32.62 -1.50 0.00	28.58 -1.10 0.00	26.11 -0.89 0.00
NEG WEST___LANCASTER 23811	21.62 -0.67 0.00	20.71 -0.62 0.00	19.34 -0.52 0.00	18.82 -0.50 0.00	19.75 -0.44 0.00	23.20 -0.28 0.00	33.38 -0.20 0.00	41.52 -0.80 0.00	36.79 -0.75 0.00	28.68 0.09 0.00	26.53 0.47 0.00	26.00 0.43 0.00	26.26 0.34 0.00	27.13 0.30 0.00	28.27 0.25 0.00	32.05 -0.29 0.00	37.91 -0.77 0.00	49.36 -2.11 0.00	55.36 -1.01 0.00	45.45 -3.58 0.04	38.34 -1.39 0.00	33.44 -0.68 0.00	29.32 -0.36 0.00	26.78 -0.22 0.00
NEG_PENN_ALLEGHNY 23528	22.36 0.07 0.00	21.40 0.06 0.00	19.92 0.06 0.00	19.38 0.06 0.00	20.27 0.08 0.00	23.78 0.30 0.00	34.11 0.54 0.00	42.87 0.55 0.00	38.74 1.20 0.00	29.71 1.11 0.00	27.18 1.12 0.00	26.66 1.10 0.00	27.01 1.09 0.00	27.94 1.10 0.00	29.08 1.06 0.00	33.47 1.13 0.00	39.88 1.20 0.00	52.91 1.44 0.00	58.63 2.26 0.00	50.38 1.33 0.02	41.00 1.27 0.00	35.22 1.09 0.00	30.69 1.01 0.00	27.86 0.86 0.00
NEG___GEN_MONROE 24207	21.53 -0.76 0.00	20.63 -0.70 0.00	19.22 -0.64 0.00	18.74 -0.58 0.00	19.62 -0.57 0.00	22.98 -0.49 0.00	33.11 -0.47 0.00	41.48 -0.85 0.00	36.64 -0.90 0.00	28.31 -0.29 0.00	25.93 -0.13 0.00	25.33 -0.23 0.00	25.66 -0.26 0.00	26.57 -0.27 0.00	27.76 -0.25 0.00	31.69 -0.65 0.00	37.60 -1.08 0.00	49.21 -2.26 0.00	54.91 -1.47 0.00	47.80 -1.23 0.04	38.38 -1.35 0.00	33.31 -0.82 0.00	28.96 -0.71 0.00	26.40 -0.59 0.00

NEPA___ENERGY 23901	21.64 -0.65 0.00	20.73 -0.60 0.00	19.34 -0.52 0.00	18.84 -0.48 0.00	19.75 -0.44 0.00	23.20 -0.28 0.00	33.34 -0.24 0.00	41.56 -0.76 0.00	36.82 -0.71 0.00	28.71 0.11 0.00	26.61 0.55 0.00	26.07 0.51 0.00	26.34 0.41 0.00	27.19 0.35 0.00	28.29 0.28 0.00	32.08 -0.26 0.00	37.94 -0.73 0.00	49.41 -2.06 0.00	55.42 -0.96 0.00	46.88 -2.16 0.04	38.42 -1.31 0.00	33.51 -0.61 0.00	29.38 -0.30 0.00	26.78 -0.22 0.00
NEVERSink___HYD 23608	23.49 1.20 0.00	22.42 1.09 0.00	20.87 1.01 0.00	20.28 0.97 0.00	21.18 0.99 0.00	24.91 1.43 0.00	35.63 2.05 0.00	45.12 2.79 0.00	40.12 2.59 0.00	30.43 1.83 0.00	27.76 1.69 0.00	27.28 1.71 0.00	27.71 1.79 0.00	28.64 1.80 0.00	29.92 1.91 0.00	34.70 2.36 0.00	41.39 2.71 0.00	55.34 3.86 0.00	61.16 4.79 0.00	52.56 3.48 0.00	42.43 2.70 0.00	36.21 2.08 0.00	31.49 1.81 0.00	28.59 1.59 0.00
NEWKRMKL_115KV_TB1 55635	22.69 0.40 0.00	21.72 0.38 0.00	20.25 0.40 0.00	19.71 0.39 0.00	20.59 0.40 0.00	24.23 0.75 0.00	34.59 1.01 0.00	43.72 1.40 0.00	38.85 1.31 0.00	29.34 0.74 0.00	26.74 0.68 0.00	26.20 0.64 0.00	26.67 0.75 0.00	27.56 0.72 0.00	28.77 0.76 0.00	33.31 0.97 0.00	39.96 1.28 0.00	53.27 1.80 0.00	58.86 2.48 0.00	50.59 1.52 0.00	41.00 1.27 0.00	35.11 0.99 0.00	30.48 0.80 0.00	27.70 0.70 0.00
NEWTON___FALLS_HYD 23847	24.82 -0.33 -2.87	23.85 -0.26 -2.78	22.21 -0.28 -2.63	21.65 -0.25 -2.58	21.88 -0.24 -1.94	23.27 -0.21 0.00	33.58 0.00 0.00	42.41 0.08 0.00	37.65 0.11 0.00	28.48 -0.11 0.00	25.86 -0.21 0.00	25.33 -0.23 0.00	25.59 -0.34 0.00	26.52 -0.32 0.00	27.71 -0.31 0.00	32.15 -0.19 0.00	38.76 0.08 0.00	52.58 0.41 -0.69	57.08 0.39 -0.32	49.92 0.64 -0.21	40.20 0.48 0.00	34.47 0.34 0.00	30.00 0.33 0.00	27.29 0.30 0.00
NGRID_A1_DSASP 323792	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.33 -1.15 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.15 -0.78 0.00	26.09 -0.75 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.44 -2.24 0.00	46.74 -4.73 0.00	52.43 -3.95 0.00	45.45 -3.58 0.04	37.02 -2.70 0.00	32.25 -1.88 0.00	28.13 -1.54 0.00	25.78 -1.21 0.00
NGRID_A2_DSASP 323793	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.33 -1.15 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.15 -0.78 0.00	26.09 -0.75 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.44 -2.24 0.00	46.74 -4.73 0.00	52.43 -3.95 0.00	45.45 -3.58 0.04	37.02 -2.70 0.00	32.25 -1.88 0.00	28.13 -1.54 0.00	25.78 -1.21 0.00
NGRID_A4_DSASP 323807	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.33 -1.15 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.15 -0.78 0.00	26.09 -0.75 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.44 -2.24 0.00	46.74 -4.73 0.00	52.43 -3.95 0.00	45.45 -3.58 0.04	37.02 -2.70 0.00	32.25 -1.88 0.00	28.13 -1.54 0.00	25.78 -1.21 0.00
NIAGARA_115E_LBMP 323715	20.75 -1.54 0.00	19.92 -1.41 0.00	18.57 -1.29 0.00	18.10 -1.22 0.00	18.98 -1.21 0.00	22.23 -1.25 0.00	31.93 -1.64 0.00	39.66 -2.67 0.00	35.10 -2.44 0.00	27.43 -1.17 0.00	25.31 -0.76 0.00	24.74 -0.82 0.00	25.04 -0.88 0.00	25.98 -0.86 0.00	27.03 -0.98 0.00	30.72 -1.62 0.00	36.32 -2.36 0.00	46.63 -4.84 0.00	52.37 -4.00 0.00	45.25 -3.78 0.04	36.91 -2.82 0.00	32.14 -1.98 0.00	28.04 -1.63 0.00	25.68 -1.32 0.00
NIAGARA_115W_LBMP 323714	20.82 -1.47 0.00	19.99 -1.34 0.00	18.62 -1.23 0.00	18.16 -1.16 0.00	19.04 -1.15 0.00	22.28 -1.20 0.00	31.97 -1.61 0.00	39.70 -2.62 0.00	35.13 -2.40 0.00	27.48 -1.12 0.00	25.33 -0.73 0.00	24.80 -0.77 0.00	25.07 -0.85 0.00	26.03 -0.80 0.00	27.09 -0.92 0.00	30.76 -1.58 0.00	36.36 -2.32 0.00	46.63 -4.84 0.00	52.31 -4.06 0.00	45.35 -3.68 0.04	36.94 -2.78 0.00	32.18 -1.94 0.00	28.07 -1.60 0.00	25.73 -1.27 0.00
NIAGARA_230_LBMP 323716	21.02 -1.27 0.00	20.16 -1.17 0.00	18.80 -1.05 0.00	18.33 -0.98 0.00	19.20 -0.99 0.00	22.49 -0.99 0.00	32.27 -1.31 0.00	40.04 -2.29 0.00	35.44 -2.10 0.00	27.68 -0.92 0.00	25.54 -0.52 0.00	25.00 -0.56 0.00	25.27 -0.65 0.00	26.22 -0.62 0.00	27.28 -0.73 0.00	30.98 -1.36 0.00	36.63 -2.05 0.00	47.10 -4.38 0.00	52.82 -3.55 0.00	45.79 -3.24 0.04	37.30 -2.42 0.00	32.45 -1.67 0.00	28.31 -1.36 0.00	25.94 -1.05 0.00
NIAGARA___115KV_198_GIBSON 55903	20.82 -1.47 0.00	19.99 -1.34 0.00	18.62 -1.23 0.00	18.16 -1.16 0.00	19.04 -1.15 0.00	22.26 -1.22 0.00	31.97 -1.61 0.00	39.66 -2.67 0.00	35.13 -2.40 0.00	27.48 -1.12 0.00	25.33 -0.73 0.00	24.80 -0.77 0.00	25.07 -0.86 0.00	25.95 -0.89 0.00	27.06 -0.95 0.00	30.76 -1.58 0.00	36.28 -2.40 0.00	46.69 -4.79 0.00	52.32 -4.06 0.00	45.30 -3.73 0.04	36.55 -3.18 0.00	32.04 -2.08 0.00	28.07 -1.60 0.00	25.67 -1.32 0.00
NIAGARA___ 23760	21.02 -1.27 0.00	20.16 -1.17 0.00	18.80 -1.05 0.00	18.33 -0.98 0.00	19.20 -0.99 0.00	22.49 -0.99 0.00	32.27 -1.31 0.00	40.04 -2.29 0.00	35.44 -2.10 0.00	27.68 -0.92 0.00	25.54 -0.52 0.00	25.00 -0.56 0.00	25.27 -0.65 0.00	26.22 -0.62 0.00	27.28 -0.73 0.00	30.98 -1.36 0.00	36.63 -2.05 0.00	47.10 -4.38 0.00	52.82 -3.55 0.00	45.79 -3.24 0.04	37.30 -2.42 0.00	32.45 -1.67 0.00	28.31 -1.36 0.00	25.94 -1.05 0.00
NINE_MILE_1 23575	21.58 -0.71 0.00	20.65 -0.68 0.00	19.24 -0.62 0.00	18.74 -0.58 0.00	19.58 -0.61 0.00	22.82 -0.66 0.00	32.60 -0.97 0.00	41.01 -1.31 0.00	36.26 -1.28 0.00	27.68 -0.92 0.00	25.20 -0.86 0.00	24.69 -0.87 0.00	25.01 -0.91 0.00	25.92 -0.91 0.00	27.06 -0.95 0.00	31.24 -1.10 0.00	37.32 -1.35 0.00	39.28 -1.90 10.29	49.84 -1.86 4.67	44.06 -1.67 3.34	38.33 -1.39 0.00	32.96 -1.16 0.00	28.67 -1.01 0.00	26.03 -0.97 0.00
NINE_MILE_2 23744	21.58 -0.71 0.00	20.65 -0.68 0.00	19.26 -0.60 0.00	18.74 -0.58 0.00	19.58 -0.61 0.00	22.82 -0.66 0.00	32.60 -0.97 0.00	41.01 -1.31 0.00	36.26 -1.28 0.00	27.68 -0.92 0.00	25.20 -0.86 0.00	24.69 -0.87 0.00	25.01 -0.91 0.00	25.92 -0.91 0.00	27.06 -0.95 0.00	31.24 -1.10 0.00	37.32 -1.35 0.00	39.12 -1.90 10.45	49.77 -1.86 4.74	44.01 -1.67 3.40	38.38 -1.35 0.00	32.96 -1.16 0.00	28.67 -1.01 0.00	26.03 -0.97 0.00
NM_CAPITAL___DRP 24208	22.80 0.51 0.00	21.82 0.49 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.67 0.48 0.00	24.32 0.85 0.00	34.72 1.14 0.00	43.89 1.57 0.00	39.00 1.46 0.00	29.46 0.86 0.00	26.85 0.78 0.00	26.30 0.74 0.00	26.75 0.83 0.00	27.67 0.83 0.00	28.88 0.87 0.00	33.41 1.07 0.00	40.11 1.43 0.00	53.48 2.01 0.00	59.08 2.71 0.00	50.74 1.67 0.00	41.12 1.39 0.00	35.22 1.09 0.00	30.60 0.92 0.00	27.81 0.81 0.00

NM_CENTRAL___DRP 24181	21.96 -0.33 0.00	21.01 -0.32 0.00	19.58 -0.28 0.00	19.05 -0.27 0.00	19.91 -0.28 0.00	23.27 -0.21 0.00	33.31 -0.27 0.00	41.95 -0.38 0.00	36.97 -0.56 0.00	28.26 -0.34 0.00	25.70 -0.36 0.00	25.15 -0.41 0.00	25.51 -0.41 0.00	26.41 -0.43 0.00	27.59 -0.42 0.00	31.82 -0.52 0.00	37.94 -0.73 0.00	51.62 -1.08 -1.22	56.08 -0.85 -0.56	48.63 -0.79 -0.35	38.97 -0.75 0.00	33.58 -0.55 0.00	29.17 -0.50 0.00	26.48 -0.51 0.00
NM_FRONTIER___DRP 24179	20.82 -1.47 0.00	19.99 -1.34 0.00	18.62 -1.23 0.00	18.16 -1.16 0.00	19.04 -1.15 0.00	22.26 -1.22 0.00	31.97 -1.61 0.00	39.66 -2.67 0.00	35.13 -2.40 0.00	27.48 -1.12 0.00	25.33 -0.73 0.00	24.80 -0.77 0.00	25.07 -0.86 0.00	25.95 -0.89 0.00	27.06 -0.95 0.00	30.76 -1.58 0.00	36.28 -2.40 0.00	46.69 -4.79 0.00	52.32 -4.06 0.00	45.30 -3.73 0.04	36.55 -3.18 0.00	32.04 -2.08 0.00	28.07 -1.60 0.00	25.67 -1.32 0.00
NM_ST_REGIS___HYD 24053	28.97 -0.45 -7.13	27.88 -0.36 -6.91	26.00 -0.40 -6.54	25.35 -0.39 -6.41	24.64 -0.36 -4.82	23.01 -0.47 0.00	33.21 -0.37 0.00	41.90 -0.42 0.00	37.31 -0.23 0.00	28.40 -0.20 0.00	25.80 -0.26 0.00	25.31 -0.26 0.00	25.59 -0.34 0.00	26.54 -0.30 0.00	27.73 -0.28 0.00	32.15 -0.19 0.00	38.99 0.31 0.00	52.58 0.77 -0.34	56.75 0.23 -0.15	49.76 0.59 -0.10	40.28 0.56 0.00	34.50 0.38 0.00	30.00 0.33 0.00	27.40 0.40 0.00
NORTHPORT___1 23551	23.81 1.52 0.00	22.78 1.45 0.00	21.11 1.25 0.00	20.50 1.18 0.00	21.44 1.25 0.00	25.14 1.67 0.00	35.05 1.48 0.01	43.38 1.69 0.64	34.64 1.69 4.58	29.87 1.29 0.02	27.81 1.75 0.00	27.45 1.89 0.00	27.87 1.95 0.00	28.77 1.93 0.00	29.86 1.85 0.00	31.45 1.84 2.73	40.43 2.01 0.26	54.35 2.88 0.01	60.14 3.78 0.01	51.36 2.31 0.02	41.50 1.79 0.02	35.55 1.43 0.01	31.13 1.45 0.00	28.67 1.67 0.00
NORTHPORT___2 23552	23.81 1.52 0.00	22.78 1.45 0.00	21.11 1.25 0.00	20.50 1.18 0.00	21.44 1.25 0.00	25.14 1.67 0.00	35.05 1.48 0.01	43.38 1.69 0.64	34.64 1.69 4.58	29.87 1.29 0.02	27.81 1.75 0.00	27.45 1.89 0.00	27.87 1.95 0.00	28.77 1.93 0.00	29.86 1.85 0.00	31.45 1.84 2.73	40.43 2.01 0.26	54.35 2.88 0.01	60.14 3.78 0.01	51.36 2.31 0.02	41.50 1.79 0.02	35.55 1.43 0.01	31.13 1.45 0.00	28.67 1.67 0.00
NORTHPORT___3 23553	23.76 1.47 0.00	22.70 1.37 0.00	21.05 1.19 0.00	20.44 1.12 0.00	21.36 1.17 0.00	25.07 1.60 0.00	34.78 1.21 0.01	43.20 1.52 0.65	34.47 1.54 4.61	29.93 1.34 0.02	27.89 1.82 0.00	27.56 2.00 0.00	27.97 2.05 0.00	28.96 2.12 0.00	29.94 1.93 0.00	31.44 1.84 2.74	40.47 2.05 0.26	54.40 2.93 0.01	60.14 3.78 0.01	51.41 2.36 0.02	41.50 1.79 0.02	35.48 1.37 0.01	31.10 1.42 0.00	28.70 1.70 0.00
NORTHPORT___4 23650	23.76 1.47 0.00	22.70 1.37 0.00	21.05 1.19 0.00	20.44 1.12 0.00	21.36 1.17 0.00	25.07 1.60 0.00	34.78 1.21 0.01	43.20 1.52 0.65	34.47 1.54 4.61	29.93 1.34 0.02	27.89 1.82 0.00	27.56 2.00 0.00	27.97 2.05 0.00	28.96 2.12 0.00	29.94 1.93 0.00	31.44 1.84 2.74	40.47 2.05 0.26	54.40 2.93 0.01	60.14 3.78 0.01	51.41 2.36 0.02	41.50 1.79 0.02	35.48 1.37 0.01	31.10 1.42 0.00	28.70 1.70 0.00
NORTHPORT___IC 23718	23.81 1.52 0.00	22.78 1.45 0.00	21.11 1.25 0.00	20.50 1.18 0.00	21.44 1.25 0.00	25.14 1.67 0.00	35.06 1.48 0.00	43.38 1.69 0.64	34.65 1.69 4.58	29.88 1.29 0.01	27.81 1.75 0.00	27.45 1.89 0.00	27.87 1.94 0.00	28.98 2.15 0.00	29.86 1.85 0.00	31.33 1.71 2.72	40.17 1.74 0.25	53.99 2.52 0.01	59.86 3.50 0.01	51.08 2.01 0.01	41.39 1.67 0.01	35.45 1.33 0.01	30.95 1.28 0.00	28.81 1.81 0.00
NORTH___COUNTRY_ESR 323785	-9.08 -0.96 30.41	-9.00 -0.85 29.48	-8.91 -0.85 27.91	-8.87 -0.83 27.36	-1.21 -0.85 20.55	22.40 -1.08 0.00	32.30 -1.28 0.00	40.72 -1.61 0.00	36.30 -1.24 0.00	27.77 -0.83 0.00	25.33 -0.73 0.00	24.85 -0.72 0.00	25.17 -0.75 0.00	26.17 -0.67 0.00	27.37 -0.64 0.00	31.14 -1.20 0.00	37.36 -1.32 0.00	50.19 -1.28 0.00	54.29 -2.08 0.00	47.40 -1.67 0.00	38.45 -1.27 0.00	33.44 -0.68 0.00	29.17 -0.50 0.00	27.16 0.16 0.00
NPX_GEN_1385_PROXY 323591	23.74 1.45 0.00	22.72 1.39 0.00	21.05 1.19 0.00	20.44 1.12 0.00	21.38 1.19 0.00	25.07 1.60 0.00	35.62 2.05 0.01	44.05 2.37 0.64	34.94 1.99 4.58	29.76 1.17 0.02	27.68 1.62 0.00	27.22 1.66 0.00	27.63 1.71 0.00	28.15 1.31 0.00	29.58 1.57 0.00	31.23 1.62 2.73	40.20 1.78 0.26	54.14 2.67 0.01	59.86 3.50 0.01	51.21 2.16 0.02	41.46 1.75 0.02	35.34 1.23 0.01	30.95 1.28 0.00	28.54 1.54 0.00
NPX_GEN_CSC 323557	23.94 1.65 0.00	23.02 1.68 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.25 1.68 0.01	43.21 1.52 0.64	34.63 1.61 4.52	29.67 1.09 0.02	27.58 1.51 0.00	27.25 1.69 0.00	27.63 1.71 0.00	28.64 1.80 0.00	29.75 1.74 0.00	31.43 1.78 2.69	40.47 2.05 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.50 1.79 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.59 1.59 0.00
NSINS_S___GLNS_FALLS 23858	23.11 0.82 0.00	22.21 0.87 0.00	20.53 0.68 0.00	19.98 0.66 0.00	21.00 0.81 0.00	24.79 1.31 0.00	35.46 1.88 0.00	44.91 2.58 0.00	39.86 2.33 0.00	29.94 1.34 0.00	27.11 1.04 0.00	26.56 1.00 0.00	27.06 1.14 0.00	27.94 1.10 0.00	29.22 1.20 0.00	33.86 1.52 0.00	40.73 2.05 0.00	54.56 3.09 0.00	60.55 4.17 0.00	52.07 2.99 0.00	42.07 2.34 0.00	36.07 1.95 0.00	31.16 1.48 0.00	28.29 1.30 0.00
NUCOR_STEEL___DRP 24197	22.13 -0.16 0.00	21.18 -0.15 0.00	19.74 -0.12 0.00	19.22 -0.10 0.00	20.07 -0.12 0.00	23.48 0.00 0.00	33.68 0.10 0.00	42.33 0.00 0.00	37.27 -0.26 0.00	28.54 -0.06 0.00	25.91 -0.16 0.00	25.36 -0.20 0.00	25.71 -0.21 0.00	26.65 -0.19 0.00	27.85 -0.17 0.00	32.11 -0.23 0.00	38.29 -0.39 0.00	53.16 -0.57 -2.25	57.17 -0.23 -1.02	49.44 -0.29 -0.66	39.37 -0.36 0.00	33.92 -0.20 0.00	29.47 -0.21 0.00	26.73 -0.27 0.00
NUMBER_THREE_WT_PWR 323818	23.27 -0.27 -1.25	22.32 -0.21 -1.21	20.78 -0.22 -1.14	20.26 -0.17 -1.12	20.87 -0.16 -0.84	23.43 -0.05 0.00	33.82 0.24 0.00	42.75 0.42 0.00	37.87 0.34 0.00	28.63 0.03 0.00	26.01 -0.05 0.00	25.49 -0.08 0.00	25.74 -0.18 0.00	26.62 -0.22 0.00	27.85 -0.17 0.00	32.31 -0.03 0.00	38.76 0.08 0.00	52.71 0.41 -0.83	57.60 0.85 -0.38	50.20 0.88 -0.24	40.32 0.60 0.00	34.57 0.44 0.00	30.09 0.42 0.00	27.35 0.35 0.00
NYISO_LBMP_REFERENCE 24008	22.29 0.00 0.00	21.33 0.00 0.00	19.86 0.00 0.00	19.32 0.00 0.00	20.19 0.00 0.00	23.48 0.00 0.00	33.58 0.00 0.00	42.33 0.00 0.00	37.54 0.00 0.00	28.60 0.00 0.00	26.06 0.00 0.00	25.56 0.00 0.00	25.92 0.00 0.00	26.84 0.00 0.00	28.01 0.00 0.00	32.34 0.00 0.00	38.68 0.00 0.00	51.47 0.00 0.00	56.37 0.00 0.00	49.07 0.00 0.00	39.73 0.00 0.00	34.12 0.00 0.00	29.68 0.00 0.00	27.00 0.00 0.00

NYPA_BRENTWD____GT 24164	24.03 1.74 0.00	22.97 1.64 0.00	21.30 1.45 0.00	20.67 1.35 0.00	21.64 1.45 0.00	25.38 1.90 0.00	35.42 1.85 0.01	43.86 2.16 0.63	35.19 2.10 4.44	30.13 1.54 0.02	28.02 1.96 0.00	27.68 2.12 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.17 2.16 0.00	31.96 2.26 2.65	41.02 2.59 0.25	55.01 3.55 0.01	60.88 4.51 0.01	51.95 2.89 0.02	41.89 2.18 0.02	36.03 1.91 0.01	31.49 1.81 0.00	28.94 1.94 0.00
NYPA_GOWANUS____GT5 24156	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NYPA_GOWANUS____GT6 24157	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.24 2.92 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.52 2.68 0.00	30.70 2.69 0.00	35.51 3.17 0.00	42.01 3.33 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.48 2.35 0.00	32.03 2.34 -0.01	29.03 2.03 -0.01
NYPA_HARLEM__RVR__GT1 24160	23.79 1.49 -0.01	22.75 1.41 -0.01	21.15 1.29 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.76 2.18 0.00	45.03 2.71 0.01	40.31 2.78 0.01	30.79 2.20 0.01	28.17 2.11 0.01	27.80 2.25 0.01	28.33 2.41 0.01	29.38 2.55 0.01	30.55 2.55 0.01	35.31 2.97 0.01	41.69 3.02 0.01	55.38 3.91 0.01	61.04 4.68 0.01	52.35 3.29 0.01	42.38 2.66 0.01	36.23 2.12 0.01	31.91 2.23 -0.01	28.92 1.92 -0.01
NYPA_HARLEM__RVR__GT2 24161	23.79 1.49 -0.01	22.75 1.41 -0.01	21.15 1.29 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.76 2.18 0.00	45.03 2.71 0.01	40.31 2.78 0.01	30.79 2.20 0.01	28.17 2.11 0.01	27.80 2.25 0.01	28.33 2.41 0.01	29.38 2.55 0.01	30.55 2.55 0.01	35.31 2.97 0.01	41.69 3.02 0.01	55.38 3.91 0.01	61.04 4.68 0.01	52.35 3.29 0.01	42.38 2.66 0.01	36.23 2.12 0.01	31.91 2.23 -0.01	28.92 1.92 -0.01
NYPA_KENT____GT 24152	23.92 1.63 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.60 1.27 -0.01	21.47 1.27 -0.01	25.25 1.76 -0.01	35.86 2.28 0.00	45.29 2.96 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.49 2.66 0.00	30.65 2.63 0.00	35.45 3.11 0.00	41.97 3.29 0.00	55.64 4.17 0.00	61.39 5.02 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.45 2.32 0.00	31.97 2.29 -0.01	28.98 1.97 -0.01
NYPA_POUCH1____GT 24155	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.27 1.78 -0.01	35.66 2.08 0.00	45.02 2.71 0.02	37.23 2.70 3.01	30.72 2.12 -0.01	28.12 2.06 0.00	27.79 2.22 0.00	28.31 2.38 0.00	29.39 2.55 0.00	30.56 2.55 0.00	35.34 3.01 0.01	39.76 3.10 2.02	55.43 3.96 0.01	61.16 4.79 0.01	52.40 3.34 0.01	42.38 2.66 0.01	36.31 2.19 0.00	32.06 2.37 -0.01	29.08 2.08 -0.01
NYPA_VERNON____GT2 24162	23.90 1.61 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.29 2.96 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.44 2.60 0.00	30.62 2.61 0.00	35.41 3.07 0.00	41.93 3.25 0.00	55.69 4.22 0.00	61.39 5.02 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.45 2.32 0.00	31.91 2.23 -0.01	28.92 1.92 -0.01
NYPA_VERNON____GT3 24163	23.90 1.61 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.29 2.96 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.44 2.60 0.00	30.62 2.61 0.00	35.41 3.07 0.00	41.93 3.25 0.00	55.69 4.22 0.00	61.39 5.02 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.45 2.32 0.00	31.91 2.23 -0.01	28.92 1.92 -0.01
NYPA__ASTORIA_CC1 323568	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.21 2.88 0.00	40.43 2.89 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.59 2.58 0.00	35.38 3.04 0.00	41.85 3.17 0.00	55.54 4.07 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.51 2.78 0.00	36.38 2.25 0.00	31.88 2.20 -0.01	28.89 1.89 -0.01
NYPA__ASTORIA_CC2 323569	23.88 1.58 -0.01	22.79 1.45 -0.01	21.17 1.31 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.83 2.25 0.00	45.21 2.88 0.00	40.43 2.89 0.00	30.87 2.26 -0.01	28.23 2.16 0.00	27.86 2.30 0.00	28.39 2.46 0.00	29.41 2.58 0.00	30.59 2.58 0.00	35.38 3.04 0.00	41.85 3.17 0.00	55.54 4.07 0.00	61.28 4.90 0.00	52.56 3.48 0.00	42.51 2.78 0.00	36.38 2.25 0.00	31.88 2.20 -0.01	28.89 1.89 -0.01
NYPA__HOLTSVILL 23794	23.92 1.63 0.00	22.93 1.60 0.00	21.24 1.39 0.00	20.61 1.29 0.00	21.58 1.39 0.00	25.29 1.81 0.00	35.18 1.61 0.01	43.43 1.74 0.64	34.78 1.76 4.52	29.87 1.29 0.02	27.76 1.69 0.00	27.43 1.87 0.00	27.81 1.89 0.00	28.80 1.96 0.00	29.89 1.88 0.00	31.56 1.91 2.69	40.55 2.13 0.26	54.55 3.09 0.01	60.37 4.00 0.01	51.51 2.45 0.02	41.54 1.83 0.02	35.69 1.57 0.01	31.25 1.57 0.00	28.75 1.75 0.00
NYPA__HELLGATE_GT1 24158	23.68 1.38 -0.01	22.75 1.41 -0.01	21.14 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.01	40.31 2.78 0.01	30.82 2.23 0.01	28.19 2.14 0.01	27.83 2.27 0.01	28.35 2.44 0.01	29.41 2.58 0.01	30.58 2.58 0.01	35.34 3.01 0.01	41.73 3.05 0.01	55.38 3.91 0.01	61.10 4.74 0.01	52.40 3.34 0.01	42.42 2.70 0.01	36.23 2.12 0.01	31.91 2.23 -0.01	28.89 1.89 -0.01
NYPA__HELLGATE_GT2 24159	23.68 1.38 -0.01	22.75 1.41 -0.01	21.14 1.27 -0.01	20.54 1.22 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.73 2.15 0.00	44.99 2.67 0.01	40.31 2.78 0.01	30.82 2.23 0.01	28.19 2.14 0.01	27.83 2.27 0.01	28.35 2.44 0.01	29.41 2.58 0.01	30.58 2.58 0.01	35.34 3.01 0.01	41.73 3.05 0.01	55.38 3.91 0.01	61.10 4.74 0.01	52.40 3.34 0.01	42.42 2.70 0.01	36.23 2.12 0.01	31.91 2.23 -0.01	28.89 1.89 -0.01
NYS_BARGE__HYD 23848	21.06 -1.23 0.00	20.22 -1.11 0.00	18.86 -0.99 0.00	18.39 -0.93 0.00	19.26 -0.93 0.00	22.59 -0.89 0.00	32.50 -1.08 0.00	40.46 -1.86 0.00	35.81 -1.73 0.00	27.97 -0.63 0.00	25.78 -0.29 0.00	25.20 -0.36 0.00	25.51 -0.42 0.00	26.49 -0.35 0.00	27.59 -0.42 0.00	31.34 -1.00 0.00	37.09 -1.59 0.00	47.72 -3.76 0.00	53.61 -2.76 0.00	46.24 -2.80 0.04	37.66 -2.07 0.00	32.76 -1.37 0.00	28.58 -1.10 0.00	26.13 -0.86 0.00

OAK ORCHARD___HYD 24046	21.53 -0.76 0.00	20.63 -0.70 0.00	19.22 -0.64 0.00	18.72 -0.60 0.00	19.60 -0.59 0.00	22.96 -0.52 0.00	33.08 -0.50 0.00	41.48 -0.85 0.00	36.60 -0.94 0.00	28.26 -0.34 0.00	25.88 -0.18 0.00	25.31 -0.26 0.00	25.64 -0.28 0.00	26.60 -0.24 0.00	27.76 -0.25 0.00	31.76 -0.58 0.00	37.83 -0.85 0.00	49.41 -2.06 0.00	55.13 -1.24 0.00	47.95 -1.08 0.04	38.73 -0.99 0.00	33.41 -0.72 0.00	28.99 -0.68 0.00	26.40 -0.59 0.00
OAKDALE___35_KV_LOAD 356122	22.31 0.02 0.00	21.33 0.00 0.00	19.88 0.02 0.00	19.34 0.02 0.00	20.23 0.04 0.00	23.71 0.23 0.00	33.98 0.40 0.00	42.71 0.38 0.00	38.63 1.09 0.00	29.63 1.03 0.00	27.11 1.04 0.00	26.61 1.05 0.00	26.96 1.04 0.00	27.86 1.02 0.00	29.02 1.01 0.00	33.31 0.97 0.00	39.65 0.97 0.00	52.61 1.13 0.00	58.40 2.03 0.00	49.94 0.88 0.02	40.68 0.95 0.00	35.01 0.89 0.00	30.54 0.86 0.00	27.78 0.78 0.00
OCC_CHEM___DRP 24175	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.30 -1.17 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.14 -0.78 0.00	26.03 -0.81 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.40 -2.28 0.00	46.79 -4.68 0.00	52.43 -3.95 0.00	45.35 -3.68 0.04	36.63 -3.10 0.00	32.11 -2.01 0.00	28.13 -1.54 0.00	25.73 -1.27 0.00
OH_GEN_PROXY 24063	21.06 -1.23 0.00	20.20 -1.13 0.00	18.82 -1.03 0.00	18.35 -0.97 0.00	19.22 -0.97 0.00	22.54 -0.94 0.00	32.30 -1.28 0.00	40.17 -2.16 0.00	35.51 -2.03 0.00	27.74 -0.86 0.00	25.57 -0.50 0.00	25.02 -0.54 0.00	25.33 -0.60 0.00	26.25 -0.59 0.00	27.31 -0.70 0.00	31.05 -1.29 0.00	36.71 -1.97 0.00	47.25 -4.22 0.00	52.99 -3.38 0.00	45.94 -3.09 0.04	37.38 -2.34 0.00	32.52 -1.60 0.00	28.37 -1.31 0.00	25.97 -1.03 0.00
OLIN_CORP_DRP 24177	20.80 -1.49 0.00	19.97 -1.37 0.00	18.62 -1.23 0.00	18.16 -1.16 0.00	19.02 -1.17 0.00	22.28 -1.20 0.00	32.07 -1.51 0.00	39.79 -2.54 0.00	35.25 -2.29 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.14 -0.78 0.00	26.03 -0.81 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.44 -2.24 0.00	46.89 -4.58 0.00	52.54 -3.83 0.00	45.35 -3.68 0.04	36.71 -3.02 0.00	32.11 -2.01 0.00	28.13 -1.54 0.00	25.73 -1.27 0.00
OLIN_CORP_DSASP 323712	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.33 -1.15 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.15 -0.78 0.00	26.09 -0.75 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.44 -2.24 0.00	46.74 -4.73 0.00	52.43 -3.95 0.00	45.45 -3.58 0.04	37.02 -2.70 0.00	32.25 -1.88 0.00	28.13 -1.54 0.00	25.78 -1.21 0.00
ONEIDA_HERK_LFGE 323681	22.99 0.13 -0.57	22.03 0.15 -0.55	20.50 0.12 -0.52	19.98 0.15 -0.51	20.75 0.18 -0.38	23.83 0.35 0.00	34.28 0.71 0.00	43.30 0.97 0.00	38.36 0.82 0.00	29.08 0.49 0.00	26.38 0.31 0.00	25.84 0.28 0.00	26.13 0.21 0.00	27.03 0.19 0.00	28.24 0.22 0.00	32.76 0.42 0.00	39.22 0.54 0.00	52.88 0.93 -0.48	58.00 1.41 -0.22	50.44 1.23 -0.14	40.64 0.91 0.00	34.77 0.65 0.00	30.27 0.59 0.00	27.48 0.49 0.00
ONEIDA___115KV_TB4 55905	22.65 0.36 0.00	21.69 0.36 0.00	20.17 0.32 0.00	19.67 0.35 0.00	20.55 0.36 0.00	24.06 0.59 0.00	34.62 1.04 0.00	43.68 1.35 0.00	38.59 1.05 0.00	29.34 0.74 0.00	26.53 0.47 0.00	26.00 0.43 0.00	26.28 0.36 0.00	27.19 0.35 0.00	28.43 0.42 0.00	32.92 0.58 0.00	39.34 0.66 0.00	53.14 0.98 -0.69	58.21 1.52 -0.31	50.55 1.28 -0.20	40.64 0.91 0.00	34.84 0.72 0.00	30.30 0.62 0.00	27.51 0.51 0.00
ONONDAGA_REF_OCCRA 23987	22.04 -0.25 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.48 -0.10 0.00	42.16 -0.17 0.00	37.09 -0.45 0.00	28.34 -0.26 0.00	25.75 -0.31 0.00	25.20 -0.36 0.00	25.53 -0.39 0.00	26.46 -0.38 0.00	27.65 -0.36 0.00	31.92 -0.42 0.00	38.06 -0.62 0.00	52.08 -0.88 -1.48	56.43 -0.62 -0.67	48.91 -0.59 -0.43	39.13 -0.60 0.00	33.68 -0.44 0.00	29.26 -0.42 0.00	26.54 -0.46 0.00
ONONDAGA___COGEN 23986	22.04 -0.25 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.48 -0.10 0.00	42.11 -0.21 0.00	37.12 -0.41 0.00	28.37 -0.23 0.00	25.78 -0.29 0.00	25.23 -0.33 0.00	25.59 -0.34 0.00	26.49 -0.35 0.00	27.68 -0.34 0.00	31.95 -0.39 0.00	38.10 -0.58 0.00	52.79 -0.82 -2.14	56.84 -0.51 -0.97	49.16 -0.54 -0.63	39.17 -0.56 0.00	33.71 -0.41 0.00	29.29 -0.39 0.00	26.59 -0.40 0.00
ONTARIO___LFGE 23819	22.00 -0.29 0.00	21.05 -0.28 0.00	19.62 -0.24 0.00	19.09 -0.23 0.00	20.01 -0.18 0.00	23.50 0.02 0.00	33.91 0.34 0.00	42.41 0.08 0.00	37.73 0.19 0.00	29.14 0.54 0.00	26.53 0.47 0.00	25.95 0.38 0.00	26.28 0.36 0.00	27.24 0.40 0.00	28.43 0.42 0.00	32.70 0.36 0.00	38.83 0.16 0.00	51.97 -0.10 -0.60	57.38 0.73 -0.27	49.47 0.25 -0.15	39.93 0.20 0.00	34.50 0.38 0.00	29.94 0.27 0.00	27.16 0.16 0.00
ORANGEVILLE_WT_PWR 323706	21.26 -1.02 0.00	20.37 -0.96 0.00	19.00 -0.85 0.00	18.51 -0.81 0.00	19.42 -0.77 0.00	22.80 -0.68 0.00	32.81 -0.77 0.00	40.93 -1.40 0.00	36.56 -0.98 0.00	28.46 -0.14 0.00	26.27 0.21 0.00	25.74 0.18 0.00	26.05 0.13 0.00	27.05 0.21 0.00	28.15 0.14 0.00	32.08 -0.26 0.00	38.02 -0.66 0.00	49.41 -2.06 0.00	55.25 -1.13 0.00	47.22 -1.81 0.04	38.61 -1.11 0.00	33.54 -0.58 0.00	29.26 -0.42 0.00	26.67 -0.32 0.00
ORANGEVILLE___ESR 323794	21.26 -1.02 0.00	20.37 -0.96 0.00	19.00 -0.85 0.00	18.51 -0.81 0.00	19.42 -0.77 0.00	22.80 -0.68 0.00	32.81 -0.77 0.00	40.93 -1.40 0.00	36.56 -0.98 0.00	28.46 -0.14 0.00	26.27 0.21 0.00	25.74 0.18 0.00	26.05 0.13 0.00	27.05 0.21 0.00	28.15 0.14 0.00	32.08 -0.26 0.00	38.02 -0.66 0.00	49.41 -2.06 0.00	55.25 -1.13 0.00	47.22 -1.81 0.04	38.61 -1.11 0.00	33.54 -0.58 0.00	29.26 -0.42 0.00	26.67 -0.32 0.00
OSWEGATCHIE___HYD 24044	24.82 -0.33 -2.87	23.86 -0.26 -2.78	22.21 -0.28 -2.63	21.65 -0.25 -2.58	21.89 -0.24 -1.94	23.27 -0.21 0.00	33.58 0.00 0.00	42.41 0.08 0.00	37.65 0.11 0.00	28.49 -0.11 0.00	25.85 -0.21 0.00	25.33 -0.23 0.00	25.58 -0.34 0.00	26.52 -0.32 0.00	27.71 -0.31 0.00	32.02 -0.32 0.00	38.49 -0.19 0.00	52.27 0.10 -0.69	56.80 0.11 -0.32	49.62 0.35 -0.21	39.97 0.24 0.00	34.33 0.21 0.00	29.88 0.21 0.00	27.30 0.30 0.00
OSWEGO___5 23606	21.73 -0.56 0.00	20.80 -0.53 0.00	19.38 -0.48 0.00	18.86 -0.46 0.00	19.70 -0.48 0.00	22.98 -0.49 0.00	32.87 -0.71 0.00	41.35 -0.97 0.00	36.53 -1.01 0.00	27.89 -0.71 0.00	25.39 -0.68 0.00	24.87 -0.69 0.00	25.22 -0.70 0.00	26.11 -0.72 0.00	27.28 -0.73 0.00	31.47 -0.87 0.00	37.60 -1.08 0.00	57.85 -1.54 -7.92	58.50 -1.47 -3.60	50.26 -1.28 -2.46	38.66 -1.07 0.00	33.24 -0.89 0.00	28.88 -0.80 0.00	26.21 -0.78 0.00

OSWEGO___6 23613	21.73 -0.56 0.00	20.80 -0.53 0.00	19.38 -0.48 0.00	18.86 -0.46 0.00	19.70 -0.48 0.00	22.98 -0.49 0.00	32.87 -0.71 0.00	41.35 -0.97 0.00	36.53 -1.01 0.00	27.89 -0.71 0.00	25.39 -0.68 0.00	24.87 -0.69 0.00	25.22 -0.70 0.00	26.11 -0.72 0.00	27.28 -0.73 0.00	31.47 -0.87 0.00	37.60 -1.08 0.00	57.85 -1.54 -7.92	58.50 -1.47 -3.60	50.26 -1.28 -2.46	38.66 -1.07 0.00	33.24 -0.89 0.00	28.88 -0.80 0.00	26.21 -0.78 0.00
OUTOKUMPU-AB___DRP 24206	21.24 -1.05 0.00	20.39 -0.94 0.00	19.02 -0.83 0.00	18.55 -0.77 0.00	19.44 -0.75 0.00	22.77 -0.70 0.00	32.81 -0.77 0.00	40.84 -1.48 0.00	36.22 -1.31 0.00	28.28 -0.31 0.00	26.09 0.03 0.00	25.54 -0.03 0.00	25.82 -0.10 0.00	26.78 -0.05 0.00	27.93 -0.08 0.00	31.69 -0.65 0.00	37.48 -1.20 0.00	48.28 -3.19 0.00	54.18 -2.20 0.00	46.43 -2.60 0.04	37.66 -2.07 0.00	32.96 -1.16 0.00	28.87 -0.80 0.00	26.35 -0.65 0.00
OXBOW___BTM 323836	21.09 -1.20 0.00	20.24 -1.09 0.00	18.86 -0.99 0.00	18.39 -0.93 0.00	19.28 -0.91 0.00	22.59 -0.89 0.00	32.50 -1.08 0.00	40.38 -1.95 0.00	35.81 -1.73 0.00	27.97 -0.63 0.00	25.80 -0.26 0.00	25.26 -0.31 0.00	25.53 -0.39 0.00	26.54 -0.29 0.00	27.59 -0.42 0.00	31.34 -1.00 0.00	37.06 -1.62 0.00	47.61 -3.86 0.00	53.44 -2.93 0.00	46.14 -2.90 0.04	37.58 -2.15 0.00	32.72 -1.40 0.00	28.58 -1.10 0.00	26.13 -0.86 0.00
OXBOW____ 24026	21.09 -1.20 0.00	20.24 -1.09 0.00	18.86 -0.99 0.00	18.39 -0.93 0.00	19.28 -0.91 0.00	22.56 -0.92 0.00	32.50 -1.07 0.00	40.38 -1.95 0.00	35.77 -1.76 0.00	27.97 -0.63 0.00	25.80 -0.26 0.00	25.26 -0.31 0.00	25.53 -0.39 0.00	26.46 -0.38 0.00	27.59 -0.42 0.00	31.34 -1.00 0.00	37.02 -1.66 0.00	47.66 -3.81 0.00	53.44 -2.93 0.00	45.99 -3.04 0.04	37.22 -2.50 0.00	32.59 -1.54 0.00	28.55 -1.13 0.00	26.08 -0.92 0.00
OXY_CHEM_DSASP 323612	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.30 -1.17 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.14 -0.78 0.00	26.03 -0.81 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.40 -2.28 0.00	46.79 -4.68 0.00	52.43 -3.95 0.00	45.35 -3.68 0.04	36.63 -3.10 0.00	32.11 -2.01 0.00	28.13 -1.54 0.00	25.73 -1.27 0.00
OZONE_PARK_ESR 323760	23.94 1.65 0.00	22.82 1.49 0.00	21.23 1.37 0.00	20.61 1.29 0.00	21.48 1.29 0.00	25.26 1.78 0.00	36.00 2.42 0.00	45.54 3.22 0.00	40.65 3.12 0.00	30.97 2.37 0.00	28.41 2.35 0.00	28.04 2.48 0.00	28.54 2.62 0.00	29.63 2.79 0.00	30.76 2.75 0.00	35.45 3.10 0.00	42.01 3.33 0.00	55.95 4.48 0.00	61.90 5.52 0.00	52.90 3.83 0.00	42.86 3.14 0.00	36.62 2.49 0.00	31.90 2.23 0.00	29.00 2.00 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.30 -1.17 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.14 -0.78 0.00	26.03 -0.81 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.40 -2.28 0.00	46.79 -4.68 0.00	52.43 -3.95 0.00	45.35 -3.68 0.04	36.63 -3.10 0.00	32.11 -2.01 0.00	28.13 -1.54 0.00	25.73 -1.27 0.00
PACKARD__115KV_DUPONT_184 80571	20.86 -1.43 0.00	20.03 -1.30 0.00	18.66 -1.19 0.00	18.20 -1.12 0.00	19.08 -1.11 0.00	22.30 -1.17 0.00	32.03 -1.54 0.00	39.79 -2.54 0.00	35.21 -2.33 0.00	27.54 -1.06 0.00	25.39 -0.68 0.00	24.85 -0.72 0.00	25.14 -0.78 0.00	26.03 -0.81 0.00	27.14 -0.87 0.00	30.82 -1.52 0.00	36.40 -2.28 0.00	46.79 -4.68 0.00	52.43 -3.95 0.00	45.35 -3.68 0.04	36.63 -3.10 0.00	32.11 -2.01 0.00	28.13 -1.54 0.00	25.73 -1.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.84 1.54 -0.01	22.77 1.43 -0.01	21.15 1.29 -0.01	20.56 1.24 -0.01	21.45 1.25 -0.01	25.20 1.71 -0.01	35.76 2.18 0.00	45.03 2.71 0.00	40.24 2.70 0.00	30.74 2.14 0.01	28.12 2.06 0.00	27.76 2.20 0.00	28.25 2.33 0.00	29.33 2.50 0.00	30.45 2.44 0.00	35.06 2.72 0.00	41.43 2.75 0.00	55.13 3.65 0.00	60.88 4.51 0.00	52.07 2.99 0.00	42.23 2.50 0.00	36.14 2.01 0.00	31.76 2.08 -0.01	28.95 1.94 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.99 1.69 -0.01	22.92 1.58 -0.01	21.31 1.45 -0.01	20.72 1.39 -0.01	21.59 1.39 -0.01	25.36 1.88 -0.01	36.00 2.42 0.00	45.33 3.01 0.00	40.50 2.97 0.00	30.91 2.32 0.01	28.25 2.19 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.47 2.63 0.00	30.62 2.61 0.00	35.25 2.91 0.00	41.62 2.94 0.00	55.39 3.91 0.00	61.22 4.85 0.00	52.36 3.29 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.94 2.26 -0.01	29.11 2.11 -0.01
PATROON__115KV_TB1 80586	22.76 0.47 0.00	21.78 0.45 0.00	20.29 0.44 0.00	19.76 0.44 0.00	20.65 0.46 0.00	24.30 0.82 0.00	34.69 1.11 0.00	43.85 1.52 0.00	38.96 1.43 0.00	29.43 0.83 0.00	26.82 0.76 0.00	26.28 0.72 0.00	26.73 0.80 0.00	27.64 0.81 0.00	28.85 0.84 0.00	33.41 1.07 0.00	40.07 1.39 0.00	53.43 1.96 0.00	59.02 2.65 0.00	50.74 1.67 0.00	41.12 1.39 0.00	35.22 1.09 0.00	30.57 0.89 0.00	27.78 0.78 0.00
PATTRSNVILLE___SOLAR 323815	23.20 0.91 0.00	22.25 0.92 0.00	20.65 0.80 0.00	20.07 0.75 0.00	21.04 0.85 0.00	24.79 1.31 0.00	35.46 1.88 0.00	44.74 2.41 0.00	39.52 1.99 0.00	29.83 1.23 0.00	27.03 0.96 0.00	26.48 0.92 0.00	26.91 0.98 0.00	27.83 0.99 0.00	29.16 1.15 0.00	33.89 1.55 0.00	40.84 2.16 0.00	54.61 3.14 0.00	60.32 3.94 0.00	52.07 2.99 0.00	42.07 2.34 0.00	36.07 1.94 0.00	31.31 1.63 0.00	28.37 1.38 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	21.58 -0.71 0.00	20.67 -0.66 0.00	19.30 -0.56 0.00	18.80 -0.52 0.00	19.73 -0.46 0.00	23.15 -0.33 0.00	33.34 -0.24 0.00	41.52 -0.80 0.00	36.82 -0.71 0.00	28.71 0.11 0.00	26.56 0.50 0.00	26.00 0.43 0.00	26.26 0.34 0.00	27.19 0.35 0.00	28.32 0.31 0.00	32.11 -0.23 0.00	38.02 -0.66 0.00	49.31 -2.16 0.00	55.36 -1.01 0.00	45.99 -3.04 0.04	38.34 -1.39 0.00	33.44 -0.68 0.00	29.32 -0.36 0.00	26.75 -0.24 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	23.76 1.47 0.00	22.63 1.30 0.00	21.07 1.21 0.00	20.44 1.12 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.86 2.28 0.00	45.46 3.13 0.00	40.54 3.00 0.00	30.69 2.09 0.00	28.04 1.98 0.00	27.66 2.10 0.00	28.15 2.23 0.00	29.15 2.31 0.00	30.39 2.38 0.00	35.06 2.72 0.00	41.77 3.09 0.00	55.69 4.22 0.00	61.73 5.36 0.00	52.66 3.58 0.00	42.67 2.94 0.00	36.38 2.25 0.00	31.66 1.99 0.00	28.83 1.84 0.00
PEEKSKILL____ 23653	23.58 1.29 0.00	22.48 1.15 0.00	20.91 1.05 0.00	20.30 0.98 0.00	21.20 1.01 0.00	24.93 1.46 0.00	35.49 1.91 0.00	44.91 2.58 0.00	39.98 2.44 0.00	30.43 1.83 0.00	27.89 1.82 0.00	27.48 1.92 0.00	27.95 2.02 0.00	28.93 2.09 0.00	30.12 2.10 0.00	34.80 2.46 0.00	41.43 2.75 0.00	55.23 3.76 0.00	61.00 4.62 0.00	52.36 3.29 0.00	42.31 2.58 0.00	36.14 2.01 0.00	31.49 1.81 0.00	28.56 1.57 0.00

PGE MADISON___WINDPWR 24146	23.51 1.23 0.00	22.57 1.24 0.00	20.95 1.09 0.00	20.48 1.16 0.00	21.42 1.23 0.00	25.24 1.76 0.00	36.73 3.16 0.00	46.35 4.02 0.00	40.99 3.45 0.00	31.03 2.43 0.00	27.68 1.62 0.00	27.12 1.56 0.00	27.29 1.37 0.00	28.26 1.42 0.00	29.55 1.54 0.00	34.47 2.13 0.00	41.27 2.59 0.00	56.02 4.02 -0.53	62.20 5.58 -0.24	53.93 4.71 -0.15	43.34 3.61 0.00	36.92 2.80 0.00	32.20 2.52 0.00	29.10 2.11 0.00
PIERCEFIELD___HYD 23852	26.16 -0.36 -4.23	25.17 -0.26 -4.10	23.44 -0.30 -3.88	22.83 -0.29 -3.80	22.78 -0.26 -2.86	23.13 -0.35 0.00	33.38 -0.20 0.00	42.11 -0.21 0.00	37.46 -0.08 0.00	28.46 -0.14 0.00	25.86 -0.21 0.00	25.36 -0.20 0.00	25.64 -0.29 0.00	26.57 -0.27 0.00	27.76 -0.25 0.00	32.18 -0.16 0.00	38.91 0.23 0.00	52.51 0.67 -0.37	56.71 0.17 -0.17	49.77 0.59 -0.11	40.24 0.52 0.00	34.47 0.34 0.00	30.00 0.33 0.00	27.40 0.40 0.00
PINELAWN_CC_1 323563	23.92 1.63 0.00	22.87 1.54 0.00	21.21 1.35 0.00	20.57 1.26 0.00	21.52 1.33 0.00	25.26 1.78 0.00	35.35 1.78 0.01	43.87 2.12 0.57	35.56 2.06 4.04	30.13 1.54 0.01	27.97 1.90 0.00	27.63 2.07 0.00	28.05 2.13 0.00	29.04 2.20 0.00	30.14 2.13 0.00	32.20 2.26 2.41	41.04 2.59 0.23	55.12 3.66 0.01	61.04 4.68 0.01	52.10 3.04 0.01	42.05 2.34 0.01	35.99 1.88 0.01	31.43 1.75 0.00	28.86 1.86 0.00
PJM_GEN_HTP_PROXY 323702	23.74 1.45 0.00	22.63 1.30 0.00	21.05 1.19 0.00	20.44 1.12 0.00	21.32 1.13 0.00	25.05 1.57 0.00	35.70 2.12 0.00	45.16 2.84 0.00	40.28 2.74 0.00	30.69 2.09 0.00	28.15 2.09 0.00	27.79 2.22 0.00	28.28 2.36 0.00	29.28 2.44 0.00	30.48 2.47 0.00	35.22 2.88 0.00	41.81 3.13 0.00	55.64 4.17 0.00	61.39 5.02 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.38 2.25 0.00	31.69 2.02 0.00	28.73 1.73 0.00
PJM_GEN_KEystone 24065	22.40 0.11 0.00	21.42 0.09 0.00	19.94 0.08 0.00	19.38 0.06 0.00	20.29 0.10 0.00	23.83 0.35 0.00	34.05 0.47 0.00	42.71 0.38 0.00	37.74 0.41 0.21	29.20 0.60 0.00	26.87 0.81 0.00	26.40 0.84 0.00	26.75 0.83 0.00	27.67 0.83 0.00	28.77 0.76 0.00	31.39 0.65 1.60	38.01 0.50 1.17	51.68 0.21 0.00	57.44 1.07 0.00	49.20 0.15 0.02	40.08 0.36 0.00	34.50 0.38 0.00	30.09 0.42 0.00	27.38 0.38 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.69 1.41 0.00	22.61 1.28 0.00	20.99 1.13 0.00	20.38 1.06 0.00	21.30 1.11 0.00	25.00 1.53 0.00	35.15 1.58 0.01	43.67 2.03 0.69	34.61 1.99 4.91	30.13 1.54 0.02	27.86 1.80 0.00	27.50 1.94 0.00	27.95 2.02 0.00	28.93 2.09 0.00	30.03 2.02 0.00	31.62 2.20 2.92	40.88 2.48 0.28	54.91 3.45 0.01	60.71 4.34 0.01	51.90 2.85 0.02	41.93 2.22 0.02	35.86 1.74 0.01	31.31 1.63 0.00	28.62 1.62 0.00
PJM_GEN_VFT_PROXY 323633	23.67 1.38 0.00	22.57 1.24 0.00	20.99 1.13 0.00	20.38 1.06 0.00	21.26 1.07 0.00	24.98 1.50 0.00	35.56 1.98 0.00	44.94 2.63 0.01	37.09 2.55 3.00	30.60 2.00 0.00	28.10 2.03 0.00	27.73 2.17 0.00	28.23 2.31 0.00	29.25 2.42 0.00	30.39 2.38 0.00	35.12 2.78 0.00	39.61 2.94 2.01	55.38 3.91 0.00	61.11 4.74 0.00	52.41 3.34 0.00	42.43 2.70 0.00	36.24 2.12 0.00	31.60 1.93 0.00	28.62 1.62 0.00
PLATSBURG_115KV_PMLD1 355749	-7.13 -0.58 28.84	-7.11 -0.49 27.95	-7.14 -0.54 26.46	-7.14 -0.52 25.94	0.16 -0.55 19.49	22.77 -0.70 0.00	32.91 -0.67 0.00	41.52 -0.80 0.00	37.05 -0.49 0.00	28.37 -0.23 0.00	25.88 -0.18 0.00	25.38 -0.18 0.00	25.71 -0.21 0.00	26.76 -0.08 0.00	27.99 -0.03 0.00	32.47 0.13 0.00	39.61 0.93 0.00	53.17 1.70 0.00	57.61 1.24 0.00	50.20 1.13 0.00	40.68 0.95 0.00	34.84 0.72 0.00	30.33 0.65 0.00	27.78 0.78 0.00
PLEASANTVLY___LBMP 24000	23.45 1.16 0.00	22.38 1.05 0.00	20.81 0.95 0.00	20.23 0.91 0.00	21.12 0.93 0.00	24.84 1.36 0.00	35.39 1.81 0.00	44.74 2.41 0.00	39.83 2.29 0.00	30.26 1.66 0.00	27.73 1.67 0.00	27.28 1.71 0.00	27.74 1.81 0.00	28.74 1.91 0.00	29.89 1.88 0.00	34.48 2.13 0.00	41.08 2.40 0.00	54.77 3.29 0.00	60.55 4.17 0.00	51.82 2.75 0.00	41.99 2.26 0.00	35.93 1.81 0.00	31.25 1.57 0.00	28.46 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.63 1.34 0.00	22.53 1.19 0.00	20.95 1.09 0.00	20.36 1.04 0.00	21.24 1.05 0.00	24.98 1.50 0.00	35.59 2.01 0.00	45.03 2.71 0.00	40.13 2.59 0.00	30.52 1.92 0.00	27.97 1.90 0.00	27.56 1.99 0.00	28.02 2.10 0.00	29.04 2.20 0.00	30.23 2.21 0.00	34.83 2.49 0.00	41.39 2.71 0.00	55.18 3.71 0.00	61.05 4.68 0.00	52.21 3.14 0.00	42.31 2.58 0.00	36.17 2.05 0.00	31.49 1.81 0.00	28.64 1.65 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.63 1.34 0.00	22.53 1.19 0.00	20.95 1.09 0.00	20.36 1.04 0.00	21.24 1.05 0.00	24.98 1.50 0.00	35.59 2.01 0.00	45.03 2.71 0.00	40.13 2.59 0.00	30.52 1.92 0.00	27.97 1.90 0.00	27.56 1.99 0.00	28.02 2.10 0.00	29.04 2.20 0.00	30.23 2.21 0.00	34.83 2.49 0.00	41.39 2.71 0.00	55.18 3.71 0.00	61.05 4.68 0.00	52.21 3.14 0.00	42.31 2.58 0.00	36.17 2.05 0.00	31.49 1.81 0.00	28.64 1.65 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.52 1.23 0.00	22.44 1.11 0.00	20.87 1.01 0.00	20.29 0.97 0.00	21.18 0.99 0.00	24.93 1.46 0.00	35.56 1.98 0.00	44.99 2.67 0.00	40.01 2.48 0.00	30.37 1.77 0.00	27.76 1.69 0.00	27.30 1.74 0.00	27.79 1.87 0.00	28.74 1.91 0.00	29.97 1.96 0.00	34.60 2.26 0.00	41.27 2.59 0.00	55.08 3.60 0.00	60.94 4.57 0.00	52.12 3.04 0.00	42.23 2.50 0.00	36.07 1.95 0.00	31.37 1.69 0.00	28.56 1.57 0.00
POLETTI___ 23519	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.18 2.11 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.31 2.18 0.00	31.63 1.96 0.00	28.78 1.78 0.00
POMONA___ESR 323819	23.49 1.20 0.00	22.40 1.07 0.00	20.83 0.97 0.00	20.23 0.91 0.00	21.12 0.93 0.00	24.86 1.38 0.00	35.39 1.81 0.00	44.74 2.41 0.00	39.79 2.25 0.00	30.29 1.69 0.00	27.78 1.72 0.00	27.35 1.79 0.00	27.79 1.87 0.00	28.72 1.88 0.00	29.92 1.91 0.00	34.57 2.23 0.00	41.19 2.51 0.00	55.02 3.55 0.00	60.77 4.40 0.00	52.17 3.09 0.00	42.19 2.46 0.00	36.03 1.91 0.00	31.37 1.69 0.00	28.45 1.46 0.00
PORT_JEFF_3 23555	23.98 1.69 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.67 1.35 0.00	21.64 1.45 0.00	25.36 1.88 0.00	35.32 1.74 0.01	43.60 1.91 0.64	34.94 1.91 4.51	29.96 1.37 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.90 2.07 0.00	30.00 1.99 0.00	31.59 1.94 2.69	40.36 1.93 0.26	54.19 2.73 0.01	60.03 3.66 0.01	51.21 2.16 0.02	41.34 1.63 0.02	35.55 1.43 0.01	31.31 1.63 0.00	28.78 1.78 0.00

PORT_JEFF_4 23616	23.98 1.69 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.67 1.35 0.00	21.64 1.45 0.00	25.36 1.88 0.00	35.32 1.74 0.01	43.60 1.91 0.64	34.94 1.91 4.51	29.96 1.37 0.02	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	28.90 2.07 0.00	30.00 1.99 0.00	31.59 1.94 2.69	40.36 1.93 0.26	54.19 2.73 0.01	60.03 3.66 0.01	51.21 2.16 0.02	41.34 1.63 0.02	35.55 1.43 0.01	31.31 1.63 0.00	28.78 1.78 0.00
PORT_JEFF_IC 23713	24.01 1.72 0.00	23.00 1.66 0.00	21.30 1.45 0.00	20.69 1.37 0.00	21.64 1.45 0.00	25.38 1.90 0.00	35.32 1.75 0.00	43.61 1.90 0.63	34.92 1.88 4.49	29.99 1.40 0.01	27.86 1.80 0.00	27.53 1.97 0.00	27.92 2.00 0.00	29.09 2.25 0.00	30.03 2.02 0.00	31.54 1.88 2.67	40.21 1.78 0.25	53.94 2.47 0.01	59.81 3.44 0.01	50.98 1.91 0.01	41.43 1.71 0.01	35.58 1.47 0.01	31.16 1.48 0.00	28.97 1.97 0.00
PPL_PILGRIM_ST_GT1 24216	24.03 1.74 0.00	22.97 1.64 0.00	21.30 1.45 0.00	20.67 1.35 0.00	21.64 1.45 0.00	25.38 1.90 0.00	35.42 1.85 0.01	43.86 2.16 0.63	35.19 2.10 4.44	30.13 1.54 0.02	28.02 1.96 0.00	27.68 2.12 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.17 2.16 0.00	31.96 2.26 2.65	41.02 2.59 0.25	55.01 3.55 0.01	60.88 4.51 0.01	51.95 2.89 0.02	41.89 2.18 0.02	36.03 1.91 0.01	31.49 1.81 0.00	28.94 1.94 0.00
PPL_PILGRIM_ST_GT2 24217	24.03 1.74 0.00	22.97 1.64 0.00	21.30 1.45 0.00	20.67 1.35 0.00	21.64 1.45 0.00	25.38 1.90 0.00	35.42 1.85 0.01	43.86 2.16 0.63	35.19 2.10 4.44	30.13 1.54 0.02	28.02 1.96 0.00	27.68 2.12 0.00	28.07 2.15 0.00	29.06 2.23 0.00	30.17 2.16 0.00	31.96 2.26 2.65	41.02 2.59 0.25	55.01 3.55 0.01	60.88 4.51 0.01	51.95 2.89 0.02	41.89 2.18 0.02	36.03 1.91 0.01	31.49 1.81 0.00	28.94 1.94 0.00
PPL_SHRM_GT3 24213	23.94 1.65 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.25 1.68 0.01	43.26 1.57 0.63	34.64 1.61 4.51	29.67 1.09 0.02	27.58 1.51 0.00	27.25 1.69 0.00	27.63 1.71 0.00	28.61 1.77 0.00	29.72 1.71 0.00	31.43 1.78 2.69	40.47 2.05 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.50 1.79 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.62 1.62 0.00
PPL_SHRM_GT4 24214	23.94 1.65 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.25 1.68 0.01	43.26 1.57 0.63	34.64 1.61 4.51	29.67 1.09 0.02	27.58 1.51 0.00	27.25 1.69 0.00	27.63 1.71 0.00	28.61 1.77 0.00	29.72 1.71 0.00	31.43 1.78 2.69	40.47 2.05 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.50 1.79 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.62 1.62 0.00
PROJECT___ORANGE 1 24174	21.96 -0.33 0.00	21.01 -0.32 0.00	19.58 -0.28 0.00	19.07 -0.25 0.00	19.93 -0.26 0.00	23.27 -0.21 0.00	33.34 -0.24 0.00	41.99 -0.34 0.00	37.01 -0.53 0.00	28.28 -0.31 0.00	25.70 -0.36 0.00	25.18 -0.38 0.00	25.51 -0.41 0.00	26.43 -0.40 0.00	27.62 -0.39 0.00	31.86 -0.49 0.00	37.94 -0.73 0.00	51.62 -1.08 -1.22	56.14 -0.79 -0.56	48.63 -0.79 -0.35	38.97 -0.75 0.00	33.58 -0.55 0.00	29.17 -0.50 0.00	26.48 -0.51 0.00
PROJECT___ORANGE 2 24166	21.96 -0.33 0.00	21.01 -0.32 0.00	19.58 -0.28 0.00	19.07 -0.25 0.00	19.93 -0.26 0.00	23.27 -0.21 0.00	33.34 -0.24 0.00	41.99 -0.34 0.00	37.01 -0.53 0.00	28.28 -0.31 0.00	25.70 -0.36 0.00	25.18 -0.38 0.00	25.51 -0.41 0.00	26.43 -0.40 0.00	27.62 -0.39 0.00	31.86 -0.49 0.00	37.94 -0.73 0.00	51.62 -1.08 -1.22	56.14 -0.79 -0.56	48.63 -0.79 -0.35	38.97 -0.75 0.00	33.58 -0.55 0.00	29.17 -0.50 0.00	26.48 -0.51 0.00
PUCKETT___SOLAR 323809	22.65 0.36 0.00	21.67 0.34 0.00	20.17 0.32 0.00	19.65 0.33 0.00	20.55 0.36 0.00	24.13 0.66 0.00	34.72 1.14 0.00	43.68 1.35 0.00	39.26 1.73 0.00	29.94 1.34 0.00	27.18 1.12 0.00	26.64 1.07 0.00	26.93 1.01 0.00	27.88 1.05 0.00	29.05 1.04 0.00	33.57 1.23 0.00	40.15 1.47 0.00	53.58 2.11 0.00	59.47 3.10 0.00	51.22 2.16 0.01	41.59 1.87 0.00	35.66 1.54 0.00	31.07 1.40 0.00	28.18 1.19 0.00
PYRITES___HYD 24023	25.95 -0.13 -3.79	24.96 -0.04 -3.67	23.23 -0.10 -3.48	22.65 -0.08 -3.41	22.69 -0.06 -2.56	23.41 -0.07 0.00	33.85 0.27 0.00	42.75 0.42 0.00	38.02 0.49 0.00	28.80 0.20 0.00	26.09 0.03 0.00	25.59 0.03 0.00	25.82 -0.10 0.00	26.76 -0.08 0.00	27.96 -0.06 0.00	32.41 0.06 0.00	39.22 0.54 0.00	52.95 1.13 -0.34	57.26 0.73 -0.16	50.35 1.18 -0.10	40.76 1.03 0.00	34.84 0.72 0.00	30.33 0.65 0.00	27.67 0.67 0.00
QUAKERRD_115KV_BK1 80622	21.13 -1.16 0.00	20.24 -1.09 0.00	18.86 -0.99 0.00	18.37 -0.95 0.00	19.24 -0.95 0.00	22.52 -0.96 0.00	32.44 -1.14 0.00	40.68 -1.65 0.00	35.92 -1.61 0.00	27.68 -0.92 0.00	25.31 -0.76 0.00	24.74 -0.82 0.00	25.09 -0.83 0.00	25.98 -0.86 0.00	27.17 -0.84 0.00	31.11 -1.23 0.00	37.05 -1.62 0.00	48.64 -2.83 0.00	54.12 -2.25 0.00	47.06 -1.96 0.05	37.78 -1.95 0.00	32.69 -1.43 0.00	28.40 -1.28 0.00	25.84 -1.16 0.00
QUEENSBRY_115KV_TB8 356137	23.09 0.80 0.00	22.18 0.85 0.00	20.53 0.68 0.00	19.96 0.64 0.00	20.98 0.79 0.00	24.79 1.31 0.00	35.46 1.88 0.00	44.91 2.58 0.00	39.86 2.33 0.00	29.94 1.34 0.00	27.11 1.04 0.00	26.53 0.97 0.00	27.06 1.14 0.00	27.94 1.10 0.00	29.22 1.20 0.00	33.86 1.52 0.00	40.73 2.05 0.00	54.56 3.09 0.00	60.60 4.23 0.00	52.12 3.04 0.00	42.07 2.34 0.00	36.07 1.95 0.00	31.16 1.48 0.00	28.27 1.27 0.00
RAMAPO___LBMP 323565	23.45 1.16 0.00	22.36 1.02 0.00	20.79 0.93 0.00	20.21 0.89 0.00	21.10 0.91 0.00	24.82 1.34 0.00	35.32 1.75 0.00	44.65 2.33 0.00	39.71 2.18 0.00	30.23 1.63 0.00	27.73 1.67 0.00	27.30 1.74 0.00	27.74 1.81 0.00	28.69 1.85 0.00	29.86 1.85 0.00	34.38 2.04 0.00	40.92 2.24 0.00	54.66 3.19 0.00	60.49 4.12 0.00	51.77 2.70 0.00	41.91 2.18 0.00	35.86 1.74 0.00	31.22 1.54 0.00	28.40 1.40 0.00
RANKINE____ 23646	21.42 -0.87 0.00	20.54 -0.79 0.00	19.16 -0.69 0.00	18.68 -0.64 0.00	19.58 -0.61 0.00	22.96 -0.52 0.00	33.07 -0.50 0.00	41.18 -1.14 0.00	36.56 -0.98 0.00	28.51 -0.09 0.00	26.35 0.29 0.00	25.79 0.23 0.00	26.08 0.16 0.00	27.02 0.19 0.00	28.15 0.14 0.00	31.95 -0.39 0.00	37.79 -0.89 0.00	48.90 -2.57 0.00	54.80 -1.58 0.00	46.53 -2.50 0.04	38.06 -1.67 0.00	33.24 -0.89 0.00	29.14 -0.53 0.00	26.59 -0.40 0.00
RAVENSWOOD_GT2_1 24244	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.66 1.99 0.00	28.81 1.81 0.00



RAVENSWOOD_GT2_2 24245	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.66 1.99 0.00	28.81 1.81 0.00
RAVENSWOOD_GT2_3 24246	23.81 1.52 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.50 1.18 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.25 2.92 0.00	40.35 2.82 0.00	30.77 2.17 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.33 2.41 0.00	29.39 2.55 0.00	30.53 2.52 0.00	35.15 2.81 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.34 2.22 0.00	31.66 1.99 0.00	28.81 1.81 0.00
RAVENSWOOD_GT2_4 24247	23.81 1.52 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.50 1.18 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.25 2.92 0.00	40.35 2.82 0.00	30.77 2.17 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.33 2.41 0.00	29.39 2.55 0.00	30.53 2.52 0.00	35.15 2.81 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.34 2.22 0.00	31.66 1.99 0.00	28.81 1.81 0.00
RAVENSWOOD_GT3_1 24248	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.66 1.99 0.00	28.81 1.81 0.00
RAVENSWOOD_GT3_2 24249	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.66 1.99 0.00	28.81 1.81 0.00
RAVENSWOOD_GT3_3 24250	23.81 1.52 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.29 2.96 0.00	40.39 2.85 0.00	30.80 2.20 0.00	28.23 2.16 0.00	27.86 2.30 0.00	28.36 2.44 0.00	29.41 2.58 0.00	30.56 2.55 0.00	35.19 2.85 0.00	41.70 3.02 0.00	55.54 4.07 0.00	61.39 5.02 0.00	52.51 3.44 0.00	42.55 2.82 0.00	36.38 2.25 0.00	31.69 2.02 0.00	28.83 1.84 0.00
RAVENSWOOD_GT3_4 24251	23.81 1.52 0.00	22.70 1.37 0.00	21.11 1.25 0.00	20.52 1.20 0.00	21.38 1.19 0.00	25.14 1.67 0.00	35.79 2.22 0.00	45.29 2.96 0.00	40.39 2.85 0.00	30.80 2.20 0.00	28.23 2.16 0.00	27.86 2.30 0.00	28.36 2.44 0.00	29.41 2.58 0.00	30.56 2.55 0.00	35.19 2.85 0.00	41.70 3.02 0.00	55.54 4.07 0.00	61.39 5.02 0.00	52.51 3.44 0.00	42.55 2.82 0.00	36.38 2.25 0.00	31.69 2.02 0.00	28.83 1.84 0.00
RAVENSWOOD_GT_1 23729	23.90 1.60 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.29 2.96 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.47 2.63 0.00	30.62 2.61 0.00	35.25 2.91 0.00	41.66 2.98 0.00	55.44 3.96 0.00	61.28 4.90 0.00	52.36 3.29 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
RAVENSWOOD_GT_10 24258	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.64 1.96 0.00	28.81 1.81 0.00
RAVENSWOOD_GT_11 24259	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.64 1.96 0.00	28.81 1.81 0.00
RAVENSWOOD_GT_4 24252	23.77 1.47 -0.01	22.66 1.32 -0.01	21.07 1.21 -0.01	20.48 1.16 -0.01	21.35 1.15 -0.01	25.10 1.62 -0.01	35.73 2.15 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.72 2.12 -0.01	28.18 2.11 0.00	27.79 2.22 0.00	28.28 2.36 0.00	29.33 2.50 0.00	30.48 2.47 0.00	35.09 2.75 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.34 2.22 0.00	31.64 1.96 -0.01	28.79 1.78 -0.01
RAVENSWOOD_GT_5 24254	23.77 1.47 -0.01	22.66 1.32 -0.01	21.07 1.21 -0.01	20.48 1.16 -0.01	21.35 1.15 -0.01	25.10 1.62 -0.01	35.73 2.15 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.72 2.12 -0.01	28.18 2.11 0.00	27.79 2.22 0.00	28.28 2.36 0.00	29.33 2.50 0.00	30.48 2.47 0.00	35.09 2.75 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.34 2.22 0.00	31.64 1.96 -0.01	28.79 1.78 -0.01
RAVENSWOOD_GT_6 24253	23.77 1.47 -0.01	22.66 1.32 -0.01	21.07 1.21 -0.01	20.48 1.16 -0.01	21.35 1.15 -0.01	25.10 1.62 -0.01	35.73 2.15 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.72 2.12 -0.01	28.18 2.11 0.00	27.79 2.22 0.00	28.28 2.36 0.00	29.33 2.50 0.00	30.48 2.47 0.00	35.09 2.75 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.34 2.22 0.00	31.64 1.96 -0.01	28.79 1.78 -0.01
RAVENSWOOD_GT_7 24255	23.77 1.47 -0.01	22.66 1.32 -0.01	21.07 1.21 -0.01	20.48 1.16 -0.01	21.35 1.15 -0.01	25.10 1.62 -0.01	35.73 2.15 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.72 2.12 -0.01	28.18 2.11 0.00	27.79 2.22 0.00	28.28 2.36 0.00	29.33 2.50 0.00	30.48 2.47 0.00	35.09 2.75 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.34 2.22 0.00	31.64 1.96 -0.01	28.79 1.78 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.64 1.96 0.00	28.81 1.81 0.00

RAVENSWOOD_GT_9 24257	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.20 2.88 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.62 2.94 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.64 1.96 0.00	28.81 1.81 0.00
RAVENSWOOD___1 23533	23.90 1.61 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.29 2.96 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.44 2.60 0.00	30.62 2.61 0.00	35.41 3.07 0.00	41.93 3.25 0.00	55.69 4.22 0.00	61.39 5.02 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.45 2.32 0.00	31.91 2.23 -0.01	28.92 1.92 -0.01
RAVENSWOOD___2 23534	23.90 1.61 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.29 2.96 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.44 2.60 0.00	30.62 2.61 0.00	35.41 3.07 0.00	41.93 3.25 0.00	55.69 4.22 0.00	61.39 5.02 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.45 2.32 0.00	31.91 2.23 -0.01	28.92 1.92 -0.01
RAVENSWOOD___3 23535	23.78 1.49 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.50 1.18 0.00	21.36 1.17 0.00	25.12 1.64 0.00	35.76 2.18 0.00	45.21 2.88 0.00	40.31 2.78 0.00	30.75 2.15 0.00	28.20 2.14 0.00	27.81 2.25 0.00	28.31 2.38 0.00	29.33 2.50 0.00	30.51 2.49 0.00	35.25 2.91 0.00	41.85 3.17 0.00	55.69 4.22 0.00	61.45 5.08 0.00	52.70 3.63 0.00	42.63 2.90 0.00	36.41 2.29 0.00	31.78 2.11 0.00	28.78 1.78 0.00
RAVENSWOOD___4 23820	23.90 1.61 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.29 2.96 0.00	40.47 2.93 0.00	30.90 2.29 -0.01	28.28 2.21 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.44 2.60 0.00	30.62 2.61 0.00	35.41 3.07 0.00	41.93 3.25 0.00	55.69 4.22 0.00	61.39 5.02 0.00	52.65 3.58 0.00	42.59 2.86 0.00	36.45 2.32 0.00	31.91 2.23 -0.01	28.92 1.92 -0.01
RCPL_TRUST___DRP 24196	23.78 1.49 0.00	22.68 1.34 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.25 2.92 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.84 2.28 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.31 2.18 0.00	31.60 1.93 0.00	28.78 1.78 0.00
RED___ROCHESTER 323720	21.62 -0.67 0.00	20.71 -0.62 0.00	19.30 -0.56 0.00	18.80 -0.52 0.00	19.69 -0.50 0.00	23.06 -0.42 0.00	33.28 -0.30 0.00	41.73 -0.59 0.00	36.82 -0.71 0.00	28.43 -0.17 0.00	26.04 -0.03 0.00	25.44 -0.13 0.00	25.79 -0.13 0.00	26.76 -0.08 0.00	27.93 -0.08 0.00	31.95 -0.39 0.00	38.06 -0.62 0.00	49.82 -1.65 0.00	55.59 -0.79 0.00	48.29 -0.73 0.05	39.01 -0.71 0.00	33.65 -0.48 0.00	29.14 -0.53 0.00	26.54 -0.46 0.00
REGAN___SOLAR 323812	23.96 1.67 0.00	23.00 1.66 0.00	21.29 1.43 0.00	20.71 1.39 0.00	21.78 1.59 0.00	25.73 2.25 0.00	36.83 3.26 0.00	46.48 4.15 0.00	40.92 3.38 0.00	30.69 2.09 0.00	27.65 1.59 0.00	27.07 1.51 0.00	27.53 1.61 0.00	28.45 1.61 0.00	29.89 1.88 0.00	34.83 2.49 0.00	42.20 3.52 0.00	56.62 5.15 0.00	62.80 6.42 0.00	54.18 5.10 0.00	43.70 3.97 0.00	37.50 3.38 0.00	32.44 2.76 0.00	29.35 2.35 0.00
RENSSELAER___COGEN 23796	22.67 0.38 0.00	21.69 0.36 0.00	20.23 0.38 0.00	19.69 0.37 0.00	20.57 0.38 0.00	24.21 0.73 0.00	34.55 0.97 0.00	43.64 1.31 0.00	38.74 1.20 0.00	29.28 0.69 0.00	26.72 0.65 0.00	26.17 0.61 0.00	26.62 0.70 0.00	27.51 0.67 0.00	28.71 0.70 0.00	33.31 0.97 0.00	40.03 1.35 0.00	53.43 1.96 0.00	58.85 2.48 0.00	50.69 1.62 0.00	41.00 1.27 0.00	35.11 0.99 0.00	30.51 0.83 0.00	27.67 0.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.96 1.67 0.00	23.08 1.75 0.00	21.25 1.39 0.00	20.65 1.33 0.00	21.82 1.64 0.00	25.85 2.37 0.00	37.04 3.46 0.00	46.98 4.66 0.00	41.74 4.20 0.00	31.20 2.60 0.00	28.07 2.01 0.00	27.48 1.92 0.00	28.02 2.10 0.00	28.88 2.04 0.00	30.25 2.24 0.00	35.15 2.81 0.00	42.39 3.71 0.00	56.98 5.51 0.00	63.59 7.22 0.00	54.62 5.55 0.00	43.98 4.25 0.00	37.71 3.58 0.00	32.47 2.79 0.00	29.43 2.43 0.00
REVERE_CPFR_DRP 24186	22.71 0.42 0.00	21.78 0.45 0.00	20.25 0.40 0.00	19.74 0.43 0.00	20.65 0.46 0.00	24.18 0.70 0.00	34.85 1.28 0.00	44.02 1.69 0.00	38.93 1.39 0.00	29.54 0.94 0.00	26.66 0.60 0.00	26.12 0.56 0.00	26.39 0.47 0.00	27.29 0.46 0.00	28.55 0.53 0.00	33.12 0.78 0.00	39.57 0.89 0.00	53.55 1.44 -0.63	58.75 2.09 -0.29	51.08 1.82 -0.19	41.04 1.31 0.00	35.11 0.99 0.00	30.57 0.89 0.00	27.75 0.76 0.00
REYNOLDS_115KV_TB3 80639	22.91 0.62 0.00	21.91 0.58 0.00	20.41 0.56 0.00	19.86 0.54 0.00	20.75 0.57 0.00	24.42 0.94 0.00	34.85 1.28 0.00	44.10 1.78 0.00	39.15 1.61 0.00	29.57 0.97 0.00	26.98 0.91 0.00	26.43 0.87 0.00	26.88 0.96 0.00	27.80 0.97 0.00	28.99 0.98 0.00	33.54 1.20 0.00	40.27 1.59 0.00	53.69 2.21 0.00	59.25 2.88 0.00	50.94 1.86 0.00	41.28 1.55 0.00	35.39 1.26 0.00	30.71 1.04 0.00	27.94 0.94 0.00
RIVERBAY____ 323610	23.99 1.69 -0.01	22.92 1.58 -0.01	21.31 1.45 -0.01	20.72 1.39 -0.01	21.59 1.39 -0.01	25.36 1.88 -0.01	36.00 2.42 0.00	45.33 3.01 0.00	40.50 2.97 0.00	30.91 2.32 0.01	28.25 2.19 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.47 2.63 0.00	30.62 2.61 0.00	35.25 2.91 0.00	41.62 2.94 0.00	55.39 3.91 0.00	61.22 4.85 0.00	52.36 3.29 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.94 2.26 -0.01	29.11 2.11 -0.01
RIVERSDE_115KV_TB3 55908	22.80 0.51 0.00	21.82 0.49 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.67 0.48 0.00	24.32 0.85 0.00	34.72 1.14 0.00	43.89 1.57 0.00	39.00 1.46 0.00	29.46 0.86 0.00	26.85 0.78 0.00	26.30 0.74 0.00	26.75 0.83 0.00	27.67 0.83 0.00	28.88 0.87 0.00	33.41 1.07 0.00	40.11 1.43 0.00	53.48 2.01 0.00	59.08 2.71 0.00	50.74 1.67 0.00	41.12 1.39 0.00	35.22 1.09 0.00	30.60 0.92 0.00	27.81 0.81 0.00
ROARING___BROOK_WT_PWR 323790	21.29 -1.00 0.00	20.39 -0.94 0.00	18.98 -0.87 0.00	18.49 -0.83 0.00	19.32 -0.87 0.00	22.47 -1.01 0.00	32.23 -1.34 0.00	40.76 -1.57 0.00	36.30 -1.24 0.00	27.74 -0.86 0.00	25.39 -0.68 0.00	24.95 -0.61 0.00	25.33 -0.60 0.00	26.22 -0.62 0.00	27.40 -0.62 0.00	31.56 -0.78 0.00	37.83 -0.85 0.00	50.39 -1.08 0.00	54.74 -1.64 0.00	47.75 -1.32 0.00	38.69 -1.03 0.00	33.30 -0.82 0.00	29.02 -0.65 0.00	26.59 -0.40 0.00

ROCHESRG_115KV_T4 355643	21.46 -0.82 0.00	20.58 -0.75 0.00	19.16 -0.69 0.00	18.68 -0.64 0.00	19.54 -0.65 0.00	22.87 -0.61 0.00	32.94 -0.64 0.00	41.27 -1.06 0.00	36.45 -1.09 0.00	28.17 -0.43 0.00	25.78 -0.29 0.00	25.20 -0.36 0.00	25.56 -0.36 0.00	26.46 -0.38 0.00	27.65 -0.36 0.00	31.63 -0.71 0.00	37.60 -1.08 0.00	49.26 -2.21 0.00	54.80 -1.58 0.00	47.70 -1.32 0.05	38.30 -1.43 0.00	33.20 -0.92 0.00	28.87 -0.80 0.00	26.30 -0.70 0.00
ROCHESTER_9_IC 23652	21.55 -0.74 0.00	20.65 -0.68 0.00	19.24 -0.62 0.00	18.74 -0.58 0.00	19.62 -0.57 0.00	22.96 -0.52 0.00	33.11 -0.47 0.00	41.52 -0.80 0.00	36.67 -0.86 0.00	28.31 -0.29 0.00	25.93 -0.13 0.00	25.33 -0.23 0.00	25.69 -0.23 0.00	26.60 -0.24 0.00	27.82 -0.20 0.00	31.79 -0.55 0.00	37.83 -0.85 0.00	49.57 -1.90 0.00	55.19 -1.18 0.00	48.00 -1.03 0.05	38.49 -1.23 0.00	33.37 -0.75 0.00	29.02 -0.65 0.00	26.40 -0.59 0.00
ROCKVIEW_13_KV_LD 356306	23.72 1.43 0.00	22.61 1.28 0.00	21.03 1.17 0.00	20.42 1.10 0.00	21.32 1.13 0.00	25.05 1.57 0.00	35.69 2.12 0.00	45.16 2.84 0.00	40.24 2.70 0.00	30.66 2.06 0.00	28.10 2.03 0.00	27.68 2.12 0.00	28.18 2.26 0.00	29.23 2.39 0.00	30.39 2.38 0.00	34.99 2.65 0.00	41.58 2.90 0.00	55.44 3.96 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.31 2.18 0.00	31.60 1.93 0.00	28.75 1.75 0.00
ROME____115KV_TB2 80656	22.71 0.42 0.00	21.78 0.45 0.00	20.25 0.40 0.00	19.74 0.43 0.00	20.65 0.46 0.00	24.18 0.70 0.00	34.85 1.28 0.00	44.02 1.69 0.00	38.93 1.39 0.00	29.54 0.94 0.00	26.66 0.60 0.00	26.12 0.56 0.00	26.39 0.47 0.00	27.29 0.46 0.00	28.55 0.53 0.00	33.12 0.78 0.00	39.57 0.89 0.00	53.55 1.44 -0.63	58.75 2.09 -0.29	51.08 1.82 -0.19	41.04 1.31 0.00	35.11 0.99 0.00	30.57 0.89 0.00	27.75 0.76 0.00
ROSETON___1 23587	23.40 1.11 0.00	22.33 1.00 0.00	20.77 0.91 0.00	20.19 0.87 0.00	21.08 0.89 0.00	24.79 1.31 0.00	35.32 1.74 0.00	44.65 2.33 0.00	39.75 2.21 0.00	30.23 1.63 0.00	27.68 1.62 0.00	27.25 1.69 0.00	27.69 1.76 0.00	28.66 1.83 0.00	29.86 1.85 0.00	34.51 2.17 0.00	41.16 2.48 0.00	54.87 3.40 0.00	60.55 4.17 0.00	52.02 2.94 0.00	42.07 2.34 0.00	35.97 1.84 0.00	31.31 1.63 0.00	28.40 1.40 0.00
ROSETON___2 23588	23.40 1.11 0.00	22.33 1.00 0.00	20.77 0.91 0.00	20.19 0.87 0.00	21.08 0.89 0.00	24.79 1.31 0.00	35.32 1.74 0.00	44.65 2.33 0.00	39.75 2.21 0.00	30.23 1.63 0.00	27.68 1.62 0.00	27.25 1.69 0.00	27.69 1.76 0.00	28.66 1.83 0.00	29.86 1.85 0.00	34.51 2.17 0.00	41.16 2.48 0.00	54.87 3.40 0.00	60.55 4.17 0.00	52.02 2.94 0.00	42.07 2.34 0.00	35.97 1.84 0.00	31.31 1.63 0.00	28.40 1.40 0.00
ROTRRDAM_115KV_TB3 80664	22.96 0.67 0.00	21.99 0.66 0.00	20.43 0.58 0.00	19.86 0.54 0.00	20.80 0.61 0.00	24.49 1.01 0.00	34.99 1.41 0.00	44.19 1.86 0.00	39.19 1.65 0.00	29.63 1.03 0.00	26.98 0.91 0.00	26.43 0.87 0.00	26.88 0.96 0.00	27.80 0.97 0.00	29.05 1.04 0.00	33.60 1.26 0.00	40.30 1.62 0.00	53.74 2.26 0.00	59.36 2.99 0.00	51.18 2.11 0.00	41.43 1.71 0.00	35.52 1.40 0.00	30.83 1.16 0.00	28.02 1.03 0.00
RUSSELL___1 23602	21.62 -0.67 0.00	20.71 -0.62 0.00	19.30 -0.56 0.00	18.80 -0.52 0.00	19.68 -0.50 0.00	23.03 -0.45 0.00	33.28 -0.30 0.00	41.69 -0.63 0.00	36.82 -0.71 0.00	28.43 -0.17 0.00	26.04 -0.03 0.00	25.43 -0.13 0.00	25.79 -0.13 0.00	26.70 -0.13 0.00	27.93 -0.08 0.00	31.95 -0.39 0.00	38.02 -0.66 0.00	49.83 -1.65 0.00	55.53 -0.85 0.00	48.24 -0.79 0.05	38.69 -1.03 0.00	33.54 -0.58 0.00	29.14 -0.53 0.00	26.51 -0.49 0.00
RUSSELL___2 23532	21.62 -0.67 0.00	20.71 -0.62 0.00	19.30 -0.56 0.00	18.80 -0.52 0.00	19.68 -0.50 0.00	23.03 -0.45 0.00	33.28 -0.30 0.00	41.69 -0.63 0.00	36.82 -0.71 0.00	28.43 -0.17 0.00	26.04 -0.03 0.00	25.43 -0.13 0.00	25.79 -0.13 0.00	26.70 -0.13 0.00	27.93 -0.08 0.00	31.95 -0.39 0.00	38.02 -0.66 0.00	49.83 -1.65 0.00	55.53 -0.85 0.00	48.24 -0.79 0.05	38.69 -1.03 0.00	33.54 -0.58 0.00	29.14 -0.53 0.00	26.51 -0.49 0.00
RUSSELL___3 23549	21.62 -0.67 0.00	20.71 -0.62 0.00	19.30 -0.56 0.00	18.80 -0.52 0.00	19.68 -0.50 0.00	23.03 -0.45 0.00	33.28 -0.30 0.00	41.69 -0.63 0.00	36.82 -0.71 0.00	28.43 -0.17 0.00	26.04 -0.03 0.00	25.43 -0.13 0.00	25.79 -0.13 0.00	26.70 -0.13 0.00	27.93 -0.08 0.00	31.95 -0.39 0.00	38.02 -0.66 0.00	49.83 -1.65 0.00	55.53 -0.85 0.00	48.24 -0.79 0.05	38.69 -1.03 0.00	33.54 -0.58 0.00	29.14 -0.53 0.00	26.51 -0.49 0.00
RUSSELL___4 23556	21.62 -0.67 0.00	20.71 -0.62 0.00	19.30 -0.56 0.00	18.80 -0.52 0.00	19.68 -0.50 0.00	23.03 -0.45 0.00	33.28 -0.30 0.00	41.69 -0.63 0.00	36.82 -0.71 0.00	28.43 -0.17 0.00	26.04 -0.03 0.00	25.43 -0.13 0.00	25.79 -0.13 0.00	26.70 -0.13 0.00	27.93 -0.08 0.00	31.95 -0.39 0.00	38.02 -0.66 0.00	49.83 -1.65 0.00	55.53 -0.85 0.00	48.24 -0.79 0.05	38.69 -1.03 0.00	33.54 -0.58 0.00	29.14 -0.53 0.00	26.51 -0.49 0.00
RUSSELL___STATION 23914	21.62 -0.67 0.00	20.71 -0.62 0.00	19.30 -0.56 0.00	18.80 -0.52 0.00	19.68 -0.50 0.00	23.03 -0.45 0.00	33.28 -0.30 0.00	41.69 -0.63 0.00	36.82 -0.71 0.00	28.43 -0.17 0.00	26.04 -0.03 0.00	25.43 -0.13 0.00	25.79 -0.13 0.00	26.70 -0.13 0.00	27.93 -0.08 0.00	31.95 -0.39 0.00	38.02 -0.66 0.00	49.83 -1.65 0.00	55.53 -0.85 0.00	48.24 -0.79 0.05	38.69 -1.03 0.00	33.54 -0.58 0.00	29.14 -0.53 0.00	26.51 -0.49 0.00
S SALMON___HYD 24043	21.89 -0.40 0.00	20.97 -0.36 0.00	19.54 -0.32 0.00	19.03 -0.29 0.00	19.89 -0.30 0.00	23.27 -0.21 0.00	33.28 -0.30 0.00	41.94 -0.38 0.00	37.05 -0.49 0.00	28.23 -0.37 0.00	25.60 -0.47 0.00	25.05 -0.51 0.00	25.35 -0.57 0.00	26.25 -0.59 0.00	27.42 -0.59 0.00	31.76 -0.58 0.00	37.98 -0.70 0.00	53.05 -0.98 -2.55	56.91 -0.62 -1.16	49.35 -0.49 -0.77	39.21 -0.52 0.00	33.75 -0.37 0.00	29.32 -0.35 0.00	26.59 -0.40 0.00
S.PERRY__115KV_TB1 80734	21.98 -0.31 0.00	21.05 -0.28 0.00	19.64 -0.22 0.00	19.13 -0.19 0.00	20.05 -0.14 0.00	23.55 0.07 0.00	34.22 0.64 0.00	42.92 0.59 0.00	38.10 0.56 0.00	29.37 0.77 0.00	26.79 0.73 0.00	26.12 0.56 0.00	26.39 0.47 0.00	27.37 0.54 0.00	28.69 0.67 0.00	32.86 0.52 0.00	39.18 0.50 0.00	51.73 0.26 0.00	58.01 1.63 0.00	49.92 0.88 0.04	40.24 0.52 0.00	34.84 0.72 0.00	30.27 0.59 0.00	27.48 0.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.24 -1.05 0.00	20.37 -0.96 0.00	19.00 -0.85 0.00	18.53 -0.79 0.00	19.42 -0.77 0.00	22.75 -0.73 0.00	32.74 -0.84 0.00	40.68 -1.65 0.00	36.07 -1.46 0.00	28.17 -0.43 0.00	25.99 -0.08 0.00	25.46 -0.10 0.00	25.74 -0.18 0.00	26.65 -0.19 0.00	27.79 -0.22 0.00	31.56 -0.78 0.00	37.29 -1.39 0.00	48.13 -3.35 0.00	53.95 -2.42 0.00	46.28 -2.75 0.04	37.58 -2.15 0.00	32.86 -1.26 0.00	28.79 -0.89 0.00	26.30 -0.70 0.00

SAWYER___23_KV_LOAD 55526	21.24 -1.05 0.00	20.37 -0.96 0.00	19.00 -0.85 0.00	18.53 -0.79 0.00	19.42 -0.77 0.00	22.75 -0.73 0.00	32.74 -0.84 0.00	40.68 -1.65 0.00	36.07 -1.46 0.00	28.17 -0.43 0.00	25.99 -0.08 0.00	25.46 -0.10 0.00	25.74 -0.18 0.00	26.65 -0.19 0.00	27.79 -0.22 0.00	31.56 -0.78 0.00	37.29 -1.39 0.00	48.13 -3.35 0.00	53.95 -2.42 0.00	46.28 -2.75 0.04	37.58 -2.15 0.00	32.86 -1.26 0.00	28.79 -0.89 0.00	26.30 -0.70 0.00
SELKIRK___I 23801	22.80 0.51 0.00	21.84 0.51 0.00	20.33 0.48 0.00	19.78 0.46 0.00	20.69 0.50 0.00	24.37 0.89 0.00	34.79 1.21 0.00	43.89 1.57 0.00	38.93 1.39 0.00	29.37 0.77 0.00	26.72 0.65 0.00	26.15 0.59 0.00	26.57 0.65 0.00	27.48 0.64 0.00	28.71 0.70 0.00	33.34 1.00 0.00	40.11 1.43 0.00	53.63 2.16 0.00	59.08 2.71 0.00	50.98 1.91 0.00	41.24 1.51 0.00	35.35 1.23 0.00	30.71 1.04 0.00	27.86 0.86 0.00
SELKIRK___II 23799	22.74 0.45 0.00	21.76 0.43 0.00	20.27 0.42 0.00	19.73 0.41 0.00	20.61 0.42 0.00	24.25 0.77 0.00	34.65 1.07 0.00	43.77 1.44 0.00	38.81 1.28 0.00	29.37 0.77 0.00	26.77 0.70 0.00	26.23 0.66 0.00	26.65 0.72 0.00	27.56 0.72 0.00	28.77 0.76 0.00	33.38 1.03 0.00	40.11 1.43 0.00	53.53 2.06 0.00	58.97 2.59 0.00	50.84 1.76 0.00	41.12 1.39 0.00	35.18 1.06 0.00	30.57 0.89 0.00	27.75 0.75 0.00
SENECA OSWGO___HYD 24041	21.82 -0.47 0.00	20.88 -0.45 0.00	19.48 -0.38 0.00	18.95 -0.37 0.00	19.81 -0.38 0.00	23.13 -0.35 0.00	33.08 -0.50 0.00	41.65 -0.68 0.00	36.75 -0.79 0.00	28.09 -0.51 0.00	25.52 -0.55 0.00	25.00 -0.56 0.00	25.33 -0.60 0.00	26.25 -0.59 0.00	27.42 -0.59 0.00	31.66 -0.68 0.00	37.83 -0.85 0.00	53.78 -1.24 -3.54	56.97 -1.01 -1.61	49.22 -0.93 -1.08	38.89 -0.84 0.00	33.44 -0.68 0.00	29.05 -0.62 0.00	26.32 -0.67 0.00
SENECA___115KV_TB3 355854	21.44 -0.85 0.00	20.56 -0.77 0.00	19.20 -0.66 0.00	18.70 -0.62 0.00	19.60 -0.59 0.00	22.98 -0.49 0.00	33.14 -0.44 0.00	41.27 -1.06 0.00	36.64 -0.90 0.00	28.57 -0.03 0.00	26.40 0.34 0.00	25.84 0.28 0.00	26.13 0.21 0.00	27.08 0.24 0.00	28.24 0.22 0.00	32.02 -0.32 0.00	37.87 -0.81 0.00	49.00 -2.47 0.00	54.91 -1.47 0.00	46.63 -2.40 0.04	38.14 -1.59 0.00	33.31 -0.82 0.00	29.20 -0.47 0.00	26.65 -0.35 0.00
SENECA___ENERGY 23797	21.87 -0.42 0.00	20.93 -0.41 0.00	19.50 -0.36 0.00	18.97 -0.35 0.00	19.87 -0.32 0.00	23.29 -0.19 0.00	33.48 -0.10 0.00	42.03 -0.29 0.00	37.20 -0.34 0.00	28.60 0.00 0.00	26.01 -0.05 0.00	25.46 -0.10 0.00	25.79 -0.13 0.00	26.73 -0.11 0.00	27.90 -0.11 0.00	32.12 -0.22 0.00	38.25 -0.42 0.00	52.36 -0.77 -1.65	56.90 -0.22 -0.75	49.11 -0.44 -0.48	39.33 -0.40 0.00	33.89 -0.24 0.00	29.41 -0.27 0.00	26.67 -0.32 0.00
SHOEMAKER___GT 23640	23.27 0.98 0.00	22.23 0.90 0.00	20.67 0.81 0.00	20.09 0.77 0.00	20.98 0.79 0.00	24.65 1.17 0.00	35.19 1.61 0.00	44.48 2.16 0.00	39.56 2.03 0.00	30.06 1.46 0.00	27.50 1.43 0.00	27.04 1.48 0.00	27.48 1.56 0.00	28.42 1.58 0.00	29.64 1.62 0.00	34.28 1.94 0.00	40.88 2.20 0.00	54.56 3.09 0.00	60.21 3.84 0.00	51.82 2.75 0.00	41.87 2.14 0.00	35.80 1.67 0.00	31.16 1.48 0.00	28.29 1.30 0.00
SHOEMAKR_138KV_BK 111 55601	23.27 0.98 0.00	22.23 0.90 0.00	20.67 0.81 0.00	20.09 0.77 0.00	20.98 0.79 0.00	24.67 1.20 0.00	35.19 1.61 0.00	44.48 2.16 0.00	39.56 2.03 0.00	30.06 1.46 0.00	27.50 1.43 0.00	27.05 1.48 0.00	27.48 1.56 0.00	28.45 1.61 0.00	29.64 1.62 0.00	34.18 1.84 0.00	40.73 2.05 0.00	54.36 2.88 0.00	60.10 3.72 0.00	51.53 2.45 0.00	41.75 2.03 0.00	35.73 1.60 0.00	31.07 1.39 0.00	28.29 1.30 0.00
SHOREHAM_IC_1 23715	23.94 1.65 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.25 1.68 0.01	43.26 1.57 0.63	34.64 1.61 4.51	29.67 1.09 0.02	27.58 1.51 0.00	27.25 1.69 0.00	27.63 1.71 0.00	28.61 1.77 0.00	29.72 1.71 0.00	31.43 1.78 2.69	40.47 2.05 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.50 1.79 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.62 1.62 0.00
SHOREHAM_IC_2 23716	23.94 1.65 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.25 1.68 0.01	43.26 1.57 0.63	34.64 1.61 4.51	29.67 1.09 0.02	27.58 1.51 0.00	27.25 1.69 0.00	27.63 1.71 0.00	28.61 1.77 0.00	29.72 1.71 0.00	31.43 1.78 2.69	40.47 2.05 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.50 1.79 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.62 1.62 0.00
SISSONVILLE____ 23735	26.16 -0.36 -4.23	25.17 -0.26 -4.10	23.44 -0.30 -3.88	22.83 -0.29 -3.80	22.78 -0.26 -2.86	23.13 -0.35 0.00	33.38 -0.20 0.00	42.11 -0.21 0.00	37.46 -0.08 0.00	28.46 -0.14 0.00	25.86 -0.21 0.00	25.36 -0.20 0.00	25.64 -0.29 0.00	26.57 -0.27 0.00	27.76 -0.25 0.00	32.18 -0.16 0.00	38.91 0.23 0.00	52.51 0.67 -0.37	56.71 0.17 -0.17	49.77 0.59 -0.11	40.24 0.52 0.00	34.47 0.34 0.00	30.00 0.33 0.00	27.40 0.40 0.00
SITHE_IND_GS1 24169	21.58 -0.71 0.00	20.65 -0.68 0.00	19.26 -0.60 0.00	18.74 -0.58 0.00	19.58 -0.61 0.00	22.82 -0.66 0.00	32.57 -1.01 0.00	41.01 -1.31 0.00	36.22 -1.31 0.00	27.68 -0.92 0.00	25.20 -0.86 0.00	24.69 -0.87 0.00	25.01 -0.91 0.00	25.90 -0.94 0.00	27.06 -0.95 0.00	31.24 -1.10 0.00	37.32 -1.35 0.00	39.91 -1.96 9.60	50.10 -1.92 4.36	44.23 -1.72 3.12	38.33 -1.39 0.00	32.96 -1.16 0.00	28.64 -1.04 0.00	26.00 -1.00 0.00
SITHE_IND_GS2 24170	21.58 -0.71 0.00	20.65 -0.68 0.00	19.26 -0.60 0.00	18.74 -0.58 0.00	19.58 -0.61 0.00	22.82 -0.66 0.00	32.57 -1.01 0.00	41.01 -1.31 0.00	36.22 -1.31 0.00	27.68 -0.92 0.00	25.20 -0.86 0.00	24.69 -0.87 0.00	25.01 -0.91 0.00	25.90 -0.94 0.00	27.06 -0.95 0.00	31.24 -1.10 0.00	37.32 -1.35 0.00	39.91 -1.96 9.60	50.10 -1.92 4.36	44.23 -1.72 3.12	38.33 -1.39 0.00	32.96 -1.16 0.00	28.64 -1.04 0.00	26.00 -1.00 0.00
SITHE_IND_GS3 24171	21.58 -0.71 0.00	20.65 -0.68 0.00	19.26 -0.60 0.00	18.74 -0.58 0.00	19.58 -0.61 0.00	22.82 -0.66 0.00	32.57 -1.01 0.00	41.01 -1.31 0.00	36.22 -1.31 0.00	27.68 -0.92 0.00	25.20 -0.86 0.00	24.69 -0.87 0.00	25.01 -0.91 0.00	25.90 -0.94 0.00	27.06 -0.95 0.00	31.24 -1.10 0.00	37.32 -1.35 0.00	39.91 -1.96 9.60	50.10 -1.92 4.36	44.23 -1.72 3.12	38.33 -1.39 0.00	32.96 -1.16 0.00	28.64 -1.04 0.00	26.00 -1.00 0.00
SITHE_IND_GS4 24172	21.58 -0.71 0.00	20.65 -0.68 0.00	19.26 -0.60 0.00	18.74 -0.58 0.00	19.58 -0.61 0.00	22.82 -0.66 0.00	32.57 -1.01 0.00	41.01 -1.31 0.00	36.22 -1.31 0.00	27.68 -0.92 0.00	25.20 -0.86 0.00	24.69 -0.87 0.00	25.01 -0.91 0.00	25.90 -0.94 0.00	27.06 -0.95 0.00	31.24 -1.10 0.00	37.32 -1.35 0.00	39.91 -1.96 9.60	50.10 -1.92 4.36	44.23 -1.72 3.12	38.33 -1.39 0.00	32.96 -1.16 0.00	28.64 -1.04 0.00	26.00 -1.00 0.00

SITHE___BATAVIA 24024	21.49 -0.80 0.00	20.61 -0.73 0.00	19.22 -0.64 0.00	18.74 -0.58 0.00	19.65 -0.54 0.00	23.06 -0.42 0.00	33.38 -0.20 0.00	41.73 -0.59 0.00	36.90 -0.64 0.00	28.63 0.03 0.00	26.30 0.23 0.00	25.67 0.10 0.00	26.00 0.08 0.00	27.00 0.16 0.00	28.18 0.17 0.00	32.08 -0.26 0.00	38.10 -0.58 0.00	49.36 -2.11 0.00	55.53 -0.84 0.00	47.90 -1.13 0.04	38.93 -0.79 0.00	33.68 -0.44 0.00	29.23 -0.44 0.00	26.70 -0.30 0.00
SITHE___INDEPEND 23800	21.58 -0.71 0.00	20.65 -0.68 0.00	19.26 -0.60 0.00	18.74 -0.58 0.00	19.58 -0.61 0.00	22.82 -0.66 0.00	32.57 -1.01 0.00	41.01 -1.31 0.00	36.22 -1.31 0.00	27.68 -0.92 0.00	25.20 -0.86 0.00	24.69 -0.87 0.00	25.01 -0.91 0.00	25.90 -0.94 0.00	27.06 -0.95 0.00	31.21 -1.13 0.00	37.25 -1.43 0.00	39.86 -2.01 9.60	50.10 -1.92 4.36	44.23 -1.72 3.12	38.26 -1.47 0.00	32.93 -1.19 0.00	28.64 -1.04 0.00	26.00 -1.00 0.00
SITHE___MASSENA 23902	22.95 -0.27 -0.92	22.06 -0.17 -0.90	20.49 -0.22 -0.85	19.94 -0.21 -0.83	20.59 -0.22 -0.62	23.15 -0.33 0.00	33.31 -0.27 0.00	41.99 -0.34 0.00	37.35 -0.19 0.00	28.43 -0.17 0.00	25.85 -0.21 0.00	25.36 -0.21 0.00	25.69 -0.23 0.00	26.62 -0.22 0.00	27.82 -0.19 0.00	31.99 -0.36 0.00	38.45 -0.23 0.00	51.42 -0.05 0.00	55.81 -0.56 0.00	48.88 -0.20 0.00	39.65 -0.08 0.00	34.12 0.00 0.00	29.71 0.03 0.00	27.30 0.30 0.00
SITHE___OGDNSBRG 24021	25.14 -0.09 -2.94	24.18 0.00 -2.85	22.48 -0.08 -2.70	21.91 -0.06 -2.65	22.16 -0.02 -1.99	23.41 -0.07 0.00	33.81 0.24 0.00	42.66 0.34 0.00	37.91 0.38 0.00	28.74 0.14 0.00	26.04 -0.03 0.00	25.54 -0.03 0.00	25.79 -0.13 0.00	26.76 -0.08 0.00	27.93 -0.08 0.00	32.41 0.06 0.00	39.18 0.50 0.00	52.85 1.08 -0.29	57.18 0.68 -0.13	50.29 1.13 -0.09	40.72 0.99 0.00	34.81 0.68 0.00	30.30 0.62 0.00	27.65 0.65 0.00
SITHE___STERLING 23777	22.65 0.36 0.00	21.69 0.36 0.00	20.17 0.32 0.00	19.67 0.35 0.00	20.55 0.36 0.00	24.06 0.59 0.00	34.62 1.04 0.00	43.72 1.39 0.00	38.59 1.05 0.00	29.34 0.74 0.00	26.53 0.47 0.00	26.00 0.43 0.00	26.28 0.36 0.00	27.19 0.35 0.00	28.43 0.42 0.00	32.95 0.61 0.00	39.38 0.70 0.00	53.19 1.03 -0.69	58.27 1.58 -0.31	50.64 1.37 -0.20	40.72 0.99 0.00	34.84 0.72 0.00	30.33 0.65 0.00	27.51 0.51 0.00
SLEIGHT__34_KV_TB1 80719	21.38 -0.91 0.00	20.48 -0.85 0.00	19.06 -0.79 0.00	18.58 -0.73 0.00	19.44 -0.75 0.00	22.80 -0.68 0.00	32.94 -0.64 0.00	41.39 -0.93 0.00	36.56 -0.98 0.00	28.17 -0.43 0.00	25.73 -0.34 0.00	25.10 -0.46 0.00	25.48 -0.44 0.00	26.38 -0.46 0.00	27.59 -0.42 0.00	31.63 -0.71 0.00	37.64 -1.04 0.00	49.52 -1.96 0.00	55.08 -1.30 0.00	47.85 -1.18 0.05	38.38 -1.35 0.00	33.20 -0.92 0.00	28.82 -0.86 0.00	26.19 -0.81 0.00
SOUTH CAIRO___GT 23612	22.98 0.69 0.00	22.01 0.68 0.00	20.53 0.68 0.00	20.00 0.68 0.00	20.94 0.75 0.00	24.72 1.24 0.00	35.43 1.85 0.00	44.91 2.58 0.00	39.60 2.06 0.00	29.57 0.97 0.00	26.69 0.63 0.00	26.02 0.46 0.00	26.47 0.54 0.00	27.32 0.48 0.00	28.71 0.70 0.00	33.51 1.16 0.00	40.50 1.82 0.00	54.46 2.99 0.00	60.43 4.06 0.00	51.72 2.65 0.00	41.83 2.11 0.00	35.76 1.64 0.00	30.89 1.22 0.00	28.13 1.13 0.00
SOUTH HAMPTN___IC 23720	24.18 1.89 0.00	23.23 1.90 0.00	21.52 1.67 0.00	20.88 1.56 0.00	21.86 1.67 0.00	25.61 2.14 0.00	35.65 2.08 0.01	43.81 2.12 0.64	35.16 2.14 4.51	30.04 1.46 0.02	27.91 1.85 0.00	27.61 2.05 0.00	27.97 2.05 0.00	28.98 2.15 0.00	30.12 2.10 0.00	31.88 2.23 2.69	41.09 2.67 0.26	55.38 3.91 0.01	61.44 5.08 0.01	52.30 3.24 0.02	42.09 2.38 0.02	36.27 2.15 0.01	31.63 1.96 0.00	28.94 1.94 0.00
SOUTHDOW_115KV_TB1 355954	21.73 -0.56 0.00	20.84 -0.49 0.00	19.46 -0.40 0.00	18.95 -0.37 0.00	19.91 -0.28 0.00	23.43 -0.05 0.00	33.95 0.37 0.00	42.54 0.21 0.00	37.80 0.26 0.00	29.46 0.86 0.00	27.39 1.33 0.00	26.84 1.28 0.00	27.09 1.17 0.00	28.02 1.18 0.00	29.19 1.18 0.00	33.02 0.68 0.00	39.07 0.39 0.00	50.70 -0.77 0.00	56.94 0.56 0.00	47.61 -1.42 0.04	39.17 -0.56 0.00	34.16 0.03 0.00	29.97 0.30 0.00	27.27 0.27 0.00
SOUTHOLD_69_KV_BK 2 55809	24.47 2.18 0.00	23.51 2.18 0.00	21.76 1.91 0.00	21.14 1.82 0.00	22.15 1.96 0.00	25.94 2.47 0.00	36.13 2.55 0.00	44.45 2.75 0.63	35.70 2.67 4.51	30.45 1.86 0.01	28.31 2.24 0.00	27.99 2.43 0.00	28.33 2.41 0.00	29.55 2.71 0.00	30.51 2.49 0.00	32.28 2.62 2.68	41.49 3.06 0.25	56.00 4.53 0.01	62.17 5.81 0.01	52.89 3.83 0.01	42.70 2.98 0.01	36.74 2.63 0.01	31.84 2.17 0.00	29.56 2.56 0.00
SOUTHOLD___IC 23719	24.48 2.19 0.00	23.51 2.18 0.00	21.76 1.91 0.00	21.13 1.82 0.00	22.15 1.96 0.00	25.94 2.46 0.00	36.12 2.55 0.01	44.44 2.75 0.64	35.73 2.70 4.51	30.44 1.86 0.02	28.31 2.24 0.00	27.99 2.43 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	32.37 2.72 2.69	41.79 3.36 0.26	56.41 4.94 0.01	62.57 6.20 0.01	53.23 4.17 0.02	42.81 3.10 0.02	36.85 2.73 0.01	32.02 2.34 0.00	29.32 2.32 0.00
SOUTH_FORK_WT_PWR 323839	24.52 2.23 0.00	23.55 2.22 0.00	21.82 1.97 0.00	21.17 1.85 0.00	22.19 2.00 0.00	25.99 2.51 0.00	36.19 2.62 0.01	44.53 2.84 0.64	35.80 2.78 4.51	30.47 1.89 0.02	28.33 2.27 0.00	28.02 2.45 0.00	28.36 2.44 0.00	29.41 2.58 0.00	30.54 2.52 0.00	32.43 2.78 2.69	41.86 3.44 0.26	56.51 5.05 0.01	62.68 6.31 0.01	53.32 4.27 0.02	42.89 3.18 0.02	36.92 2.80 0.01	32.08 2.40 0.00	29.35 2.35 0.00
SPIERFLS_115KV_TB 1 80737	22.98 0.69 0.00	22.08 0.75 0.00	20.43 0.58 0.00	19.86 0.54 0.00	20.88 0.69 0.00	24.65 1.17 0.00	35.26 1.68 0.00	44.65 2.33 0.00	39.64 2.10 0.00	29.77 1.17 0.00	26.95 0.89 0.00	26.41 0.84 0.00	26.91 0.99 0.00	27.80 0.97 0.00	29.08 1.06 0.00	33.67 1.33 0.00	40.54 1.86 0.00	54.25 2.78 0.00	60.21 3.83 0.00	51.77 2.70 0.00	41.79 2.07 0.00	35.83 1.71 0.00	30.98 1.31 0.00	28.13 1.13 0.00
ST LAWRENCE____ 23600	21.89 -0.40 0.00	20.97 -0.36 0.00	19.50 -0.36 0.00	18.97 -0.35 0.00	19.83 -0.36 0.00	22.98 -0.49 0.00	32.97 -0.60 0.00	41.61 -0.72 0.00	36.97 -0.56 0.00	28.17 -0.43 0.00	25.65 -0.42 0.00	25.15 -0.41 0.00	25.48 -0.44 0.00	26.41 -0.43 0.00	27.59 -0.42 0.00	31.73 -0.62 0.00	38.06 -0.62 0.00	50.80 -0.67 0.00	55.13 -1.24 0.00	48.29 -0.79 0.00	39.21 -0.52 0.00	33.78 -0.34 0.00	29.41 -0.27 0.00	26.97 -0.03 0.00
STATE_CA_115KV_115_LB 55624	22.76 0.47 0.00	21.80 0.47 0.00	20.31 0.46 0.00	19.76 0.44 0.00	20.65 0.46 0.00	24.30 0.82 0.00	34.69 1.11 0.00	43.85 1.52 0.00	38.96 1.43 0.00	29.43 0.83 0.00	26.82 0.76 0.00	26.28 0.72 0.00	26.73 0.80 0.00	27.64 0.81 0.00	28.85 0.84 0.00	33.41 1.07 0.00	40.07 1.39 0.00	53.43 1.96 0.00	59.02 2.65 0.00	50.74 1.67 0.00	41.12 1.39 0.00	35.22 1.09 0.00	30.57 0.89 0.00	27.78 0.78 0.00

STATE_ST_34_KV_LOAD 55959	22.11 -0.18 0.00	21.14 -0.19 0.00	19.70 -0.16 0.00	19.18 -0.14 0.00	20.05 -0.14 0.00	23.45 -0.02 0.00	33.68 0.10 0.00	42.33 0.00 0.00	37.31 -0.23 0.00	28.57 -0.03 0.00	25.96 -0.10 0.00	25.41 -0.15 0.00	25.77 -0.16 0.00	26.68 -0.16 0.00	27.90 -0.11 0.00	32.15 -0.19 0.00	38.37 -0.31 0.00	53.10 -0.46 -2.09	57.21 -0.11 -0.95	49.49 -0.20 -0.62	39.41 -0.32 0.00	33.95 -0.17 0.00	29.50 -0.18 0.00	26.73 -0.27 0.00
STATION 5_MISC_HYD 23604	21.55 -0.74 0.00	20.65 -0.68 0.00	19.24 -0.62 0.00	18.74 -0.58 0.00	19.62 -0.57 0.00	22.98 -0.49 0.00	33.11 -0.47 0.00	41.52 -0.81 0.00	36.67 -0.86 0.00	28.31 -0.29 0.00	25.93 -0.13 0.00	25.33 -0.23 0.00	25.69 -0.23 0.00	26.62 -0.22 0.00	27.82 -0.19 0.00	31.82 -0.52 0.00	37.87 -0.81 0.00	49.52 -1.96 0.00	55.25 -1.13 0.00	48.05 -0.98 0.05	38.77 -0.95 0.00	33.47 -0.65 0.00	29.02 -0.65 0.00	26.43 -0.57 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.78 -0.51 0.00	20.84 -0.49 0.00	19.42 -0.44 0.00	18.93 -0.39 0.00	19.81 -0.38 0.00	23.22 -0.26 0.00	33.54 -0.03 0.00	42.07 -0.25 0.00	37.20 -0.34 0.00	28.66 0.06 0.00	26.17 0.10 0.00	25.54 -0.03 0.00	25.90 -0.03 0.00	26.81 -0.03 0.00	28.07 0.06 0.00	32.18 -0.16 0.00	38.29 -0.39 0.00	50.88 -0.98 -0.38	56.32 -0.23 -0.17	48.81 -0.34 -0.08	39.13 -0.60 0.00	33.85 -0.27 0.00	29.38 -0.30 0.00	26.67 -0.32 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.44 -0.85 0.00	20.54 -0.79 0.00	19.14 -0.71 0.00	18.66 -0.66 0.00	19.52 -0.67 0.00	22.84 -0.63 0.00	32.97 -0.60 0.00	41.35 -0.97 0.00	36.52 -1.01 0.00	28.17 -0.43 0.00	25.78 -0.29 0.00	25.18 -0.38 0.00	25.56 -0.36 0.00	26.46 -0.38 0.00	27.68 -0.34 0.00	31.66 -0.68 0.00	37.67 -1.01 0.00	49.41 -2.06 0.00	54.97 -1.41 0.00	47.80 -1.23 0.04	38.38 -1.35 0.00	33.24 -0.89 0.00	28.87 -0.80 0.00	26.27 -0.73 0.00
STA_56___34_KV_BUS2 355983	21.44 -0.85 0.00	20.54 -0.79 0.00	19.14 -0.71 0.00	18.66 -0.66 0.00	19.52 -0.67 0.00	22.84 -0.63 0.00	32.97 -0.60 0.00	41.35 -0.97 0.00	36.52 -1.01 0.00	28.17 -0.43 0.00	25.78 -0.29 0.00	25.18 -0.38 0.00	25.56 -0.36 0.00	26.46 -0.38 0.00	27.68 -0.34 0.00	31.66 -0.68 0.00	37.67 -1.01 0.00	49.41 -2.06 0.00	54.97 -1.41 0.00	47.80 -1.23 0.04	38.38 -1.35 0.00	33.24 -0.89 0.00	28.87 -0.80 0.00	26.27 -0.73 0.00
STA_67___115KV_BK2 355882	21.51 -0.78 0.00	20.63 -0.70 0.00	19.20 -0.66 0.00	18.72 -0.60 0.00	19.60 -0.59 0.00	22.94 -0.54 0.00	33.04 -0.54 0.00	41.44 -0.89 0.00	36.60 -0.94 0.00	28.26 -0.34 0.00	25.88 -0.18 0.00	25.28 -0.28 0.00	25.64 -0.29 0.00	26.54 -0.30 0.00	27.73 -0.28 0.00	31.73 -0.61 0.00	37.71 -0.97 0.00	49.41 -2.06 0.00	55.08 -1.30 0.00	47.90 -1.13 0.05	38.42 -1.31 0.00	33.31 -0.82 0.00	28.96 -0.71 0.00	26.38 -0.62 0.00
STA_7___115KV_9TRANS 80674	21.62 -0.67 0.00	20.71 -0.62 0.00	19.30 -0.56 0.00	18.80 -0.52 0.00	19.68 -0.50 0.00	23.03 -0.45 0.00	33.28 -0.30 0.00	41.69 -0.63 0.00	36.82 -0.71 0.00	28.43 -0.17 0.00	26.04 -0.03 0.00	25.43 -0.13 0.00	25.79 -0.13 0.00	26.70 -0.13 0.00	27.93 -0.08 0.00	31.95 -0.39 0.00	38.02 -0.66 0.00	49.83 -1.65 0.00	55.53 -0.85 0.00	48.24 -0.79 0.05	38.69 -1.03 0.00	33.54 -0.58 0.00	29.14 -0.53 0.00	26.51 -0.49 0.00
STA_82___115KV_TB1 80780	21.53 -0.76 0.00	20.63 -0.70 0.00	19.22 -0.64 0.00	18.72 -0.60 0.00	19.60 -0.59 0.00	22.94 -0.54 0.00	33.07 -0.50 0.00	41.44 -0.89 0.00	36.60 -0.94 0.00	28.26 -0.34 0.00	25.88 -0.18 0.00	25.28 -0.28 0.00	25.64 -0.29 0.00	26.54 -0.30 0.00	27.76 -0.25 0.00	31.76 -0.58 0.00	37.75 -0.93 0.00	49.47 -2.01 0.00	55.08 -1.30 0.00	47.90 -1.13 0.04	38.46 -1.27 0.00	33.31 -0.82 0.00	28.96 -0.71 0.00	26.38 -0.62 0.00
STEEL___WIND 323596	21.44 -0.85 0.00	20.56 -0.77 0.00	19.18 -0.68 0.00	18.68 -0.64 0.00	19.60 -0.59 0.00	23.01 -0.47 0.00	33.11 -0.47 0.00	41.23 -1.10 0.00	36.60 -0.94 0.00	28.54 -0.06 0.00	26.38 0.31 0.00	25.82 0.26 0.00	26.10 0.18 0.00	27.13 0.30 0.00	28.18 0.17 0.00	32.02 -0.32 0.00	37.91 -0.77 0.00	48.90 -2.57 0.00	54.91 -1.47 0.00	46.83 -2.21 0.04	38.45 -1.27 0.00	33.44 -0.68 0.00	29.20 -0.48 0.00	26.67 -0.32 0.00
STEPHTWN_115KV_BK_2 55603	22.85 0.56 0.00	21.89 0.55 0.00	20.37 0.52 0.00	19.82 0.50 0.00	20.75 0.57 0.00	24.44 0.96 0.00	34.92 1.34 0.00	44.15 1.82 0.00	39.19 1.65 0.00	29.57 0.97 0.00	26.95 0.89 0.00	26.41 0.84 0.00	26.86 0.93 0.00	27.75 0.91 0.00	28.99 0.98 0.00	33.57 1.23 0.00	40.30 1.62 0.00	53.84 2.37 0.00	59.53 3.16 0.00	51.13 2.06 0.00	41.40 1.67 0.00	35.49 1.36 0.00	30.74 1.07 0.00	27.97 0.97 0.00
STEUBEN_REC_LFGE 323667	21.55 -0.74 0.00	20.61 -0.73 0.00	19.30 -0.56 0.00	18.78 -0.54 0.00	19.73 -0.46 0.00	23.15 -0.33 0.00	33.41 -0.17 0.00	41.78 -0.55 0.00	37.57 0.04 0.00	29.40 0.80 0.00	27.00 0.94 0.00	26.48 0.92 0.00	26.83 0.91 0.00	27.75 0.91 0.00	28.97 0.95 0.00	33.05 0.71 0.00	39.22 0.54 0.00	51.63 0.15 0.00	57.56 1.18 0.00	48.90 -0.15 0.03	39.77 0.04 0.00	34.53 0.41 0.00	30.18 0.50 0.00	27.38 0.38 0.00
STILLWATER___SOLAR 323814	23.18 0.89 0.00	22.21 0.87 0.00	20.61 0.75 0.00	20.03 0.72 0.00	21.02 0.83 0.00	24.77 1.29 0.00	35.39 1.81 0.00	44.74 2.41 0.00	39.68 2.14 0.00	29.92 1.32 0.00	27.18 1.12 0.00	26.64 1.07 0.00	27.12 1.19 0.00	27.99 1.15 0.00	29.28 1.26 0.00	33.96 1.62 0.00	40.84 2.16 0.00	54.61 3.14 0.00	60.32 3.94 0.00	52.02 2.94 0.00	42.03 2.30 0.00	36.00 1.88 0.00	31.22 1.54 0.00	28.29 1.30 0.00
STONY___BROOK 24151	24.01 1.72 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.40 1.93 0.00	35.35 1.78 0.01	43.64 1.95 0.63	34.99 1.95 4.50	30.01 1.43 0.02	27.91 1.85 0.00	27.58 2.02 0.00	27.97 2.05 0.00	28.96 2.12 0.00	30.06 2.04 0.00	31.73 2.07 2.68	40.63 2.20 0.26	54.61 3.14 0.01	60.43 4.06 0.01	51.56 2.50 0.02	41.66 1.95 0.02	35.79 1.67 0.01	31.40 1.72 0.00	28.83 1.84 0.00
STURGEON_POOL_HYD 23609	23.45 1.16 0.00	22.36 1.02 0.00	20.79 0.93 0.00	20.21 0.89 0.00	21.08 0.89 0.00	24.79 1.31 0.00	35.36 1.78 0.00	44.74 2.41 0.00	39.79 2.25 0.00	30.26 1.66 0.00	27.73 1.67 0.00	27.30 1.74 0.00	27.74 1.81 0.00	28.72 1.88 0.00	29.92 1.90 0.00	34.51 2.17 0.00	41.04 2.36 0.00	54.72 3.24 0.00	60.55 4.17 0.00	51.77 2.70 0.00	41.95 2.22 0.00	35.83 1.71 0.00	31.19 1.51 0.00	28.46 1.46 0.00
ST_LAW_115_BK7_LBMP 345037	21.87 -0.42 0.00	20.97 -0.36 0.00	19.48 -0.38 0.00	18.95 -0.37 0.00	19.81 -0.38 0.00	22.96 -0.52 0.00	32.97 -0.60 0.00	41.57 -0.76 0.00	36.97 -0.56 0.00	28.14 -0.46 0.00	25.62 -0.44 0.00	25.15 -0.41 0.00	25.48 -0.44 0.00	26.41 -0.43 0.00	27.56 -0.45 0.00	31.73 -0.62 0.00	38.06 -0.62 0.00	50.86 -0.62 0.00	55.08 -1.29 0.00	48.29 -0.79 0.00	39.21 -0.52 0.00	33.78 -0.34 0.00	29.41 -0.27 0.00	27.00 0.00 0.00

ST_LAW_115_BK8_LBMP 345038	21.87 -0.42 0.00	20.97 -0.36 0.00	19.48 -0.38 0.00	18.95 -0.37 0.00	19.81 -0.38 0.00	22.96 -0.52 0.00	32.97 -0.60 0.00	41.57 -0.76 0.00	36.97 -0.56 0.00	28.14 -0.46 0.00	25.62 -0.44 0.00	25.15 -0.41 0.00	25.48 -0.44 0.00	26.41 -0.43 0.00	27.56 -0.45 0.00	31.73 -0.62 0.00	38.06 -0.62 0.00	50.86 -0.62 0.00	55.08 -1.29 0.00	48.29 -0.79 0.00	39.21 -0.52 0.00	33.78 -0.34 0.00	29.41 -0.27 0.00	27.00 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	21.89 -0.40 0.00	20.97 -0.36 0.00	19.50 -0.36 0.00	18.97 -0.35 0.00	19.83 -0.36 0.00	22.98 -0.49 0.00	32.97 -0.60 0.00	41.61 -0.72 0.00	36.97 -0.56 0.00	28.17 -0.43 0.00	25.65 -0.42 0.00	25.15 -0.41 0.00	25.48 -0.44 0.00	26.41 -0.43 0.00	27.59 -0.42 0.00	31.73 -0.62 0.00	38.06 -0.62 0.00	50.80 -0.67 0.00	55.13 -1.24 0.00	48.29 -0.79 0.00	39.21 -0.52 0.00	33.78 -0.34 0.00	29.41 -0.27 0.00	26.97 -0.03 0.00
ST_LAW_230_BK6_LBMP 345036	21.89 -0.40 0.00	20.97 -0.36 0.00	19.50 -0.36 0.00	18.97 -0.35 0.00	19.83 -0.36 0.00	22.98 -0.49 0.00	32.97 -0.60 0.00	41.61 -0.72 0.00	36.97 -0.56 0.00	28.17 -0.43 0.00	25.65 -0.42 0.00	25.15 -0.41 0.00	25.48 -0.44 0.00	26.41 -0.43 0.00	27.59 -0.42 0.00	31.73 -0.62 0.00	38.06 -0.62 0.00	50.80 -0.67 0.00	55.13 -1.24 0.00	48.29 -0.79 0.00	39.21 -0.52 0.00	33.78 -0.34 0.00	29.41 -0.27 0.00	26.97 -0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.38 1.09 0.00	22.31 0.98 0.00	20.75 0.89 0.00	20.17 0.85 0.00	21.06 0.87 0.00	24.77 1.29 0.00	35.29 1.71 0.00	44.61 2.29 0.00	39.71 2.18 0.00	30.20 1.60 0.00	27.65 1.59 0.00	27.20 1.64 0.00	27.63 1.71 0.00	28.58 1.74 0.00	29.78 1.76 0.00	34.35 2.01 0.00	40.88 2.20 0.00	54.61 3.14 0.00	60.38 4.00 0.00	51.72 2.65 0.00	41.91 2.18 0.00	35.83 1.71 0.00	31.16 1.48 0.00	28.37 1.38 0.00
SWANROAD_115KV_TB1 355699	20.80 -1.49 0.00	19.94 -1.39 0.00	18.60 -1.25 0.00	18.14 -1.18 0.00	19.02 -1.17 0.00	22.23 -1.24 0.00	32.00 -1.58 0.00	39.74 -2.58 0.00	35.17 -2.36 0.00	27.48 -1.12 0.00	25.36 -0.70 0.00	24.80 -0.77 0.00	25.09 -0.83 0.00	25.98 -0.86 0.00	27.09 -0.92 0.00	30.79 -1.55 0.00	36.36 -2.32 0.00	46.84 -4.63 0.00	52.48 -3.89 0.00	45.25 -3.78 0.04	36.63 -3.10 0.00	32.08 -2.05 0.00	28.07 -1.60 0.00	25.67 -1.32 0.00
SYNERGY___BIOGAS 323694	21.49 -0.80 0.00	20.61 -0.73 0.00	19.22 -0.64 0.00	18.74 -0.58 0.00	19.65 -0.54 0.00	23.06 -0.42 0.00	33.38 -0.20 0.00	41.73 -0.59 0.00	36.90 -0.64 0.00	28.63 0.03 0.00	26.30 0.23 0.00	25.67 0.10 0.00	26.00 0.08 0.00	27.00 0.16 0.00	28.18 0.17 0.00	32.08 -0.26 0.00	38.10 -0.58 0.00	49.36 -2.11 0.00	55.53 -0.84 0.00	47.90 -1.13 0.04	38.93 -0.79 0.00	33.68 -0.44 0.00	29.23 -0.44 0.00	26.70 -0.30 0.00
SYRACUSE___ENERGY_ST1 323597	22.04 -0.25 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.48 -0.10 0.00	42.11 -0.21 0.00	37.12 -0.41 0.00	28.37 -0.23 0.00	25.78 -0.29 0.00	25.23 -0.33 0.00	25.59 -0.34 0.00	26.49 -0.35 0.00	27.68 -0.34 0.00	31.95 -0.39 0.00	38.10 -0.58 0.00	52.79 -0.82 -2.14	56.84 -0.51 -0.97	49.16 -0.54 -0.63	39.17 -0.56 0.00	33.71 -0.41 0.00	29.29 -0.39 0.00	26.59 -0.40 0.00
SYRACUSE___ENERGY_ST2 323598	22.04 -0.25 0.00	21.10 -0.23 0.00	19.66 -0.20 0.00	19.13 -0.19 0.00	19.99 -0.20 0.00	23.36 -0.12 0.00	33.48 -0.10 0.00	42.11 -0.21 0.00	37.12 -0.41 0.00	28.37 -0.23 0.00	25.78 -0.29 0.00	25.23 -0.33 0.00	25.59 -0.34 0.00	26.49 -0.35 0.00	27.68 -0.34 0.00	31.95 -0.39 0.00	38.10 -0.58 0.00	52.79 -0.82 -2.14	56.84 -0.51 -0.97	49.16 -0.54 -0.63	39.17 -0.56 0.00	33.71 -0.41 0.00	29.29 -0.39 0.00	26.59 -0.40 0.00
SYRACUSE___POWER 24017	22.02 -0.27 0.00	21.08 -0.26 0.00	19.64 -0.22 0.00	19.11 -0.21 0.00	19.97 -0.22 0.00	23.34 -0.14 0.00	33.44 -0.13 0.00	42.11 -0.21 0.00	37.09 -0.45 0.00	28.31 -0.29 0.00	25.73 -0.34 0.00	25.20 -0.36 0.00	25.53 -0.39 0.00	26.43 -0.40 0.00	27.65 -0.36 0.00	31.89 -0.45 0.00	38.02 -0.66 0.00	52.03 -0.93 -1.48	56.43 -0.62 -0.67	48.86 -0.64 -0.43	39.09 -0.64 0.00	33.68 -0.44 0.00	29.26 -0.42 0.00	26.54 -0.46 0.00
TALLMAN___138KV_BK151 55660	23.47 1.18 0.00	22.40 1.07 0.00	20.83 0.97 0.00	20.23 0.91 0.00	21.12 0.93 0.00	24.86 1.39 0.00	35.39 1.81 0.00	44.74 2.41 0.00	39.79 2.25 0.00	30.29 1.69 0.00	27.78 1.72 0.00	27.35 1.79 0.00	27.79 1.87 0.00	28.74 1.91 0.00	29.92 1.90 0.00	34.44 2.10 0.00	41.00 2.32 0.00	54.77 3.29 0.00	60.60 4.23 0.00	51.87 2.80 0.00	41.99 2.26 0.00	35.90 1.77 0.00	31.25 1.57 0.00	28.46 1.46 0.00
TEALLAVE_115KV_TB7 355573	21.96 -0.33 0.00	21.01 -0.32 0.00	19.58 -0.28 0.00	19.05 -0.27 0.00	19.91 -0.28 0.00	23.27 -0.21 0.00	33.31 -0.27 0.00	41.95 -0.38 0.00	36.97 -0.56 0.00	28.26 -0.34 0.00	25.70 -0.36 0.00	25.15 -0.41 0.00	25.51 -0.41 0.00	26.41 -0.43 0.00	27.59 -0.42 0.00	31.82 -0.52 0.00	37.94 -0.73 0.00	51.62 -1.08 -1.22	56.08 -0.85 -0.56	48.63 -0.79 -0.35	38.97 -0.75 0.00	33.58 -0.55 0.00	29.17 -0.50 0.00	26.48 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	21.24 -1.05 0.00	20.39 -0.94 0.00	19.00 -0.85 0.00	18.53 -0.79 0.00	19.42 -0.77 0.00	22.75 -0.73 0.00	32.87 -0.71 0.00	40.97 -1.35 0.00	36.26 -1.28 0.00	28.23 -0.37 0.00	25.99 -0.08 0.00	25.41 -0.15 0.00	25.71 -0.21 0.00	26.62 -0.21 0.00	27.82 -0.20 0.00	31.63 -0.71 0.00	37.44 -1.24 0.00	48.44 -3.04 0.00	54.35 -2.03 0.00	46.82 -2.21 0.04	37.82 -1.91 0.00	33.00 -1.13 0.00	28.82 -0.86 0.00	26.30 -0.70 0.00
TEMPLE___115KV_TB 2 55572	21.96 -0.33 0.00	21.01 -0.32 0.00	19.58 -0.28 0.00	19.07 -0.25 0.00	19.93 -0.26 0.00	23.27 -0.21 0.00	33.34 -0.24 0.00	41.99 -0.34 0.00	37.01 -0.53 0.00	28.28 -0.31 0.00	25.70 -0.36 0.00	25.18 -0.38 0.00	25.51 -0.41 0.00	26.43 -0.40 0.00	27.62 -0.39 0.00	31.86 -0.49 0.00	37.94 -0.73 0.00	51.62 -1.08 -1.22	56.14 -0.79 -0.56	48.63 -0.79 -0.35	38.97 -0.75 0.00	33.58 -0.55 0.00	29.17 -0.50 0.00	26.48 -0.51 0.00
TIANA____69_KV_BK 1 55817	24.12 1.83 0.00	23.17 1.83 0.00	21.46 1.61 0.00	20.83 1.51 0.00	21.80 1.62 0.00	25.54 2.07 0.00	35.53 1.95 0.00	43.69 1.99 0.63	34.98 1.95 4.51	29.96 1.37 0.01	27.84 1.77 0.00	27.53 1.97 0.00	27.89 1.97 0.00	29.06 2.23 0.00	30.03 2.02 0.00	31.67 2.01 2.68	40.63 2.20 0.25	54.81 3.35 0.01	60.82 4.45 0.01	51.76 2.70 0.01	41.86 2.15 0.01	36.06 1.95 0.01	31.37 1.69 0.00	29.13 2.13 0.00
TILDEN___115KV_TB1 80814	22.02 -0.27 0.00	21.08 -0.26 0.00	19.64 -0.22 0.00	19.11 -0.21 0.00	19.97 -0.22 0.00	23.34 -0.14 0.00	33.44 -0.13 0.00	42.11 -0.21 0.00	37.09 -0.45 0.00	28.31 -0.29 0.00	25.73 -0.34 0.00	25.20 -0.36 0.00	25.53 -0.39 0.00	26.43 -0.40 0.00	27.65 -0.36 0.00	31.89 -0.45 0.00	38.02 -0.66 0.00	52.03 -0.93 -1.48	56.43 -0.62 -0.67	48.86 -0.64 -0.43	39.09 -0.64 0.00	33.68 -0.44 0.00	29.26 -0.42 0.00	26.54 -0.46 0.00

TRIGEN___CC 323695	23.76 1.47 0.00	22.68 1.34 0.00	21.05 1.19 0.00	20.44 1.12 0.00	21.36 1.17 0.00	25.10 1.62 0.00	35.32 1.75 0.00	44.39 2.24 0.18	38.44 2.18 1.28	30.28 1.69 0.00	27.97 1.90 0.00	27.61 2.04 0.00	28.05 2.13 0.00	29.15 2.31 0.00	30.17 2.16 0.00	33.85 2.26 0.76	41.05 2.44 0.07	54.87 3.40 0.00	60.77 4.40 0.00	51.87 2.80 0.00	41.99 2.26 0.00	35.96 1.84 0.00	31.28 1.60 0.00	28.81 1.81 0.00
TRINITY___115KV___4 BK 55933	22.71 0.42 0.00	21.74 0.41 0.00	20.25 0.40 0.00	19.72 0.41 0.00	20.61 0.42 0.00	24.25 0.77 0.00	34.59 1.01 0.00	43.77 1.44 0.00	38.85 1.31 0.00	29.34 0.74 0.00	26.77 0.70 0.00	26.23 0.66 0.00	26.67 0.75 0.00	27.59 0.75 0.00	28.77 0.76 0.00	33.31 0.97 0.00	39.96 1.28 0.00	53.27 1.80 0.00	58.86 2.48 0.00	50.59 1.52 0.00	41.00 1.27 0.00	35.11 0.99 0.00	30.48 0.80 0.00	27.73 0.73 0.00
UNION___PROCESSING_DRP 323587	21.53 -0.76 0.00	20.63 -0.70 0.00	19.22 -0.64 0.00	18.72 -0.60 0.00	19.60 -0.59 0.00	22.94 -0.54 0.00	33.07 -0.50 0.00	41.44 -0.89 0.00	36.60 -0.94 0.00	28.26 -0.34 0.00	25.88 -0.18 0.00	25.31 -0.26 0.00	25.64 -0.29 0.00	26.54 -0.30 0.00	27.76 -0.25 0.00	31.76 -0.58 0.00	37.75 -0.93 0.00	49.47 -2.01 0.00	55.08 -1.30 0.00	47.90 -1.13 0.04	38.46 -1.27 0.00	33.34 -0.78 0.00	28.96 -0.71 0.00	26.38 -0.62 0.00
UPPER HUDSON___HYD 24058	22.98 0.69 0.00	22.08 0.75 0.00	20.43 0.58 0.00	19.86 0.54 0.00	20.88 0.69 0.00	24.65 1.17 0.00	35.26 1.68 0.00	44.61 2.28 0.00	39.60 2.06 0.00	29.77 1.17 0.00	26.95 0.89 0.00	26.40 0.84 0.00	26.91 0.98 0.00	27.78 0.94 0.00	29.08 1.06 0.00	33.73 1.39 0.00	40.65 1.97 0.00	54.46 2.98 0.00	60.26 3.89 0.00	51.97 2.89 0.00	41.91 2.18 0.00	35.90 1.77 0.00	31.04 1.37 0.00	28.13 1.13 0.00
UPPER RAQUET___HYD 24056	26.16 -0.36 -4.23	25.17 -0.26 -4.10	23.44 -0.30 -3.88	22.83 -0.29 -3.80	22.78 -0.26 -2.86	23.13 -0.35 0.00	33.38 -0.20 0.00	42.12 -0.21 0.00	37.46 -0.07 0.00	28.46 -0.14 0.00	25.85 -0.21 0.00	25.36 -0.21 0.00	25.64 -0.28 0.00	26.57 -0.27 0.00	27.76 -0.25 0.00	31.95 -0.39 0.00	38.45 -0.23 0.00	51.90 0.05 -0.37	56.21 -0.34 -0.17	49.18 0.00 -0.11	39.77 0.04 0.00	34.26 0.14 0.00	29.79 0.12 0.00	27.38 0.38 0.00
VALLEY44_115KV_TB2 355964	21.75 -0.53 0.00	20.82 -0.51 0.00	19.44 -0.42 0.00	18.91 -0.41 0.00	19.85 -0.34 0.00	23.34 -0.14 0.00	33.54 -0.03 0.00	41.78 -0.55 0.00	36.97 -0.56 0.00	28.80 0.20 0.00	26.69 0.63 0.00	26.18 0.61 0.00	26.39 0.47 0.00	27.24 0.40 0.00	28.32 0.31 0.00	32.08 -0.26 0.00	37.94 -0.73 0.00	49.57 -1.90 0.00	55.64 -0.73 0.00	45.90 -3.14 0.04	38.49 -1.23 0.00	33.54 -0.58 0.00	29.44 -0.24 0.00	26.86 -0.13 0.00
VALLEY___115KV_TB 1-4 80826	21.96 -0.33 0.00	21.01 -0.32 0.00	19.56 -0.30 0.00	19.05 -0.27 0.00	19.93 -0.26 0.00	23.27 -0.21 0.00	33.34 -0.24 0.00	42.11 -0.21 0.00	37.39 -0.15 0.00	28.43 -0.17 0.00	25.86 -0.21 0.00	25.36 -0.20 0.00	25.69 -0.23 0.00	26.57 -0.27 0.00	27.73 -0.28 0.00	32.08 -0.26 0.00	38.37 -0.31 0.00	51.01 -0.46 0.00	56.04 -0.34 0.00	48.73 -0.34 0.00	39.41 -0.32 0.00	33.89 -0.24 0.00	29.47 -0.21 0.00	26.84 -0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.31 1.03 0.00	22.33 1.00 0.00	20.77 0.91 0.00	20.23 0.91 0.00	21.16 0.97 0.00	24.84 1.36 0.00	35.69 2.12 0.00	44.99 2.67 0.00	40.54 3.00 0.00	30.80 2.20 0.00	27.71 1.64 0.00	27.22 1.66 0.00	27.50 1.58 0.00	28.45 1.61 0.00	29.69 1.68 0.00	34.35 2.01 0.00	40.96 2.28 0.00	54.61 3.14 0.00	60.60 4.23 0.00	52.25 3.19 0.01	42.31 2.58 0.00	36.21 2.08 0.00	31.55 1.87 0.00	28.67 1.67 0.00
VISCHER___FERRY HYD 24020	23.05 0.76 0.00	22.06 0.73 0.00	20.51 0.65 0.00	19.94 0.62 0.00	20.88 0.69 0.00	24.58 1.10 0.00	35.12 1.55 0.00	44.40 2.07 0.00	39.34 1.80 0.00	29.74 1.15 0.00	27.11 1.04 0.00	26.56 1.00 0.00	27.01 1.09 0.00	27.91 1.07 0.00	29.13 1.12 0.00	33.80 1.46 0.00	40.61 1.93 0.00	54.20 2.73 0.00	59.76 3.38 0.00	51.53 2.45 0.00	41.67 1.95 0.00	35.69 1.57 0.00	30.98 1.30 0.00	28.10 1.11 0.00
V_A_10_SYNC_DSASP 323832	21.18 -1.11 0.00	20.31 -1.02 0.00	18.92 -0.93 0.00	18.45 -0.87 0.00	19.32 -0.87 0.00	22.63 -0.84 0.00	32.50 -1.08 0.00	40.51 -1.82 0.00	35.81 -1.73 0.00	27.86 -0.74 0.00	25.62 -0.44 0.00	25.08 -0.49 0.00	25.38 -0.55 0.00	26.30 -0.54 0.00	27.40 -0.62 0.00	31.21 -1.13 0.00	37.02 -1.66 0.00	47.87 -3.60 0.00	53.56 -2.82 0.00	46.67 -2.35 0.04	37.74 -1.99 0.00	32.76 -1.37 0.00	28.52 -1.16 0.00	26.05 -0.95 0.00
V_CMM_10_SYNC_DSASP 323787	21.96 -0.33 0.00	21.05 -0.28 0.00	19.56 -0.30 0.00	19.03 -0.29 0.00	19.89 -0.30 0.00	23.03 -0.45 0.00	33.11 -0.47 0.00	41.73 -0.59 0.00	37.12 -0.41 0.00	28.29 -0.31 0.00	25.75 -0.31 0.00	25.26 -0.31 0.00	25.58 -0.34 0.00	26.52 -0.32 0.00	27.68 -0.33 0.00	31.82 -0.52 0.00	38.22 -0.46 0.00	51.06 -0.41 0.00	55.42 -0.96 0.00	48.53 -0.54 0.00	39.37 -0.36 0.00	33.92 -0.20 0.00	29.53 -0.15 0.00	27.11 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	-7.13 -0.58 28.84	-7.10 -0.49 27.95	-7.14 -0.54 26.46	-7.14 -0.52 25.94	0.16 -0.54 19.49	22.75 -0.73 0.00	32.91 -0.67 0.00	41.52 -0.81 0.00	37.05 -0.49 0.00	28.37 -0.23 0.00	25.88 -0.18 0.00	25.38 -0.18 0.00	25.71 -0.21 0.00	26.76 -0.08 0.00	27.99 -0.03 0.00	31.14 -1.20 0.00	36.82 -1.86 0.00	49.57 -1.90 0.00	53.73 -2.65 0.00	46.77 -2.31 0.00	37.86 -1.87 0.00	33.44 -0.68 0.00	29.11 -0.56 0.00	27.78 0.78 0.00
V_D_10_SYNC_DSASP 323841	22.90 -0.27 -0.88	22.01 -0.17 -0.85	20.44 -0.22 -0.80	19.90 -0.21 -0.79	20.56 -0.22 -0.59	23.15 -0.33 0.00	33.31 -0.27 0.00	41.99 -0.34 0.00	37.35 -0.19 0.00	28.43 -0.17 0.00	25.85 -0.21 0.00	25.36 -0.21 0.00	25.69 -0.23 0.00	26.62 -0.22 0.00	27.82 -0.19 0.00	31.99 -0.36 0.00	38.45 -0.23 0.00	51.42 -0.05 0.00	55.81 -0.56 0.00	48.83 -0.24 0.00	39.65 -0.08 0.00	34.12 0.00 0.00	29.71 0.03 0.00	27.30 0.30 0.00
V_E_10_SYNC_DSASP 323830	23.51 1.23 0.00	22.57 1.24 0.00	20.95 1.09 0.00	20.48 1.16 0.00	21.42 1.23 0.00	25.24 1.76 0.00	36.73 3.16 0.00	46.35 4.02 0.00	40.99 3.45 0.00	31.03 2.43 0.00	27.68 1.62 0.00	27.12 1.56 0.00	27.29 1.37 0.00	28.26 1.42 0.00	29.55 1.54 0.00	34.47 2.13 0.00	41.27 2.59 0.00	56.02 4.02 -0.53	62.20 5.58 -0.24	53.93 4.71 -0.15	43.34 3.61 0.00	36.92 2.80 0.00	32.20 2.52 0.00	29.10 2.11 0.00
V_F_30_NSYNC___DSASP 323816	23.20 0.91 0.00	22.25 0.92 0.00	20.63 0.77 0.00	20.05 0.73 0.00	21.04 0.85 0.00	24.79 1.31 0.00	35.42 1.85 0.00	44.82 2.50 0.00	39.75 2.21 0.00	29.97 1.37 0.00	27.21 1.15 0.00	26.66 1.10 0.00	27.14 1.22 0.00	28.02 1.18 0.00	29.30 1.29 0.00	33.99 1.65 0.00	40.88 2.20 0.00	54.67 3.19 0.00	60.38 4.00 0.00	52.07 2.99 0.00	42.07 2.34 0.00	36.07 1.94 0.00	31.25 1.57 0.00	28.32 1.32 0.00



V_F_30_SYNC_DSASP 323786	22.76 0.47 0.00	21.78 0.45 0.00	20.29 0.44 0.00	19.76 0.44 0.00	20.65 0.46 0.00	24.30 0.82 0.00	34.69 1.11 0.00	43.85 1.52 0.00	38.96 1.43 0.00	29.43 0.83 0.00	26.82 0.76 0.00	26.28 0.72 0.00	26.73 0.80 0.00	27.64 0.81 0.00	28.85 0.84 0.00	33.41 1.07 0.00	40.07 1.39 0.00	53.43 1.96 0.00	59.02 2.65 0.00	50.74 1.67 0.00	41.12 1.39 0.00	35.22 1.09 0.00	30.57 0.89 0.00	27.78 0.78 0.00
V_XM_10_SYNC_DSASP 323789	-7.13 -0.58 28.84	-7.10 -0.49 27.95	-7.14 -0.54 26.46	-7.14 -0.52 25.94	0.16 -0.54 19.49	22.75 -0.73 0.00	32.91 -0.67 0.00	41.52 -0.81 0.00	37.05 -0.49 0.00	28.37 -0.23 0.00	25.88 -0.18 0.00	25.38 -0.18 0.00	25.71 -0.21 0.00	26.76 -0.08 0.00	27.99 -0.03 0.00	31.14 -1.20 0.00	36.82 -1.86 0.00	49.57 -1.90 0.00	53.73 -2.65 0.00	46.77 -2.31 0.00	37.86 -1.87 0.00	33.44 -0.68 0.00	29.11 -0.56 0.00	27.78 0.78 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.52 1.23 0.00	22.42 1.09 0.00	20.87 1.01 0.00	20.27 0.95 0.00	21.16 0.97 0.00	24.91 1.43 0.00	35.46 1.88 0.00	44.87 2.54 0.00	39.90 2.36 0.00	30.37 1.77 0.00	27.84 1.77 0.00	27.40 1.84 0.00	27.84 1.92 0.00	28.77 1.93 0.00	29.97 1.96 0.00	34.51 2.17 0.00	41.08 2.40 0.00	54.92 3.45 0.00	60.77 4.40 0.00	52.02 2.94 0.00	42.11 2.38 0.00	36.00 1.88 0.00	31.31 1.63 0.00	28.51 1.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.78 1.49 0.00	22.68 1.34 0.00	21.07 1.21 0.00	20.46 1.14 0.00	21.34 1.15 0.00	25.10 1.62 0.00	35.73 2.15 0.00	45.25 2.92 0.00	40.31 2.78 0.00	30.74 2.14 0.00	28.20 2.14 0.00	27.84 2.28 0.00	28.33 2.41 0.00	29.36 2.52 0.00	30.51 2.49 0.00	35.12 2.78 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.34 4.96 0.00	52.46 3.39 0.00	42.51 2.78 0.00	36.31 2.18 0.00	31.60 1.93 0.00	28.78 1.78 0.00
W50THST__13_KV_LOAD 356117	23.85 1.56 0.00	22.74 1.41 0.00	21.15 1.29 0.00	20.54 1.22 0.00	21.40 1.21 0.00	25.17 1.69 0.00	35.90 2.32 0.00	45.46 3.13 0.00	40.54 3.00 0.00	30.92 2.32 0.00	28.33 2.27 0.00	27.97 2.40 0.00	28.46 2.54 0.00	29.52 2.68 0.00	30.67 2.66 0.00	35.32 2.98 0.00	41.85 3.17 0.00	55.75 4.27 0.00	61.62 5.24 0.00	52.70 3.63 0.00	42.67 2.94 0.00	36.48 2.35 0.00	31.72 2.05 0.00	28.89 1.89 0.00
WADING RIVER_IC_1 23522	23.94 1.65 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.25 1.68 0.01	43.21 1.52 0.64	34.63 1.61 4.52	29.67 1.09 0.02	27.58 1.51 0.00	27.25 1.69 0.00	27.63 1.71 0.00	28.61 1.77 0.00	29.72 1.71 0.00	31.40 1.75 2.69	40.47 2.05 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.50 1.79 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.59 1.59 0.00
WADING RIVER_IC_2 23547	23.94 1.65 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.25 1.68 0.01	43.21 1.52 0.64	34.63 1.61 4.52	29.67 1.09 0.02	27.58 1.51 0.00	27.25 1.69 0.00	27.63 1.71 0.00	28.61 1.77 0.00	29.72 1.71 0.00	31.40 1.75 2.69	40.47 2.05 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.50 1.79 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.59 1.59 0.00
WADING RIVER_IC_3 23601	23.94 1.65 0.00	23.02 1.68 0.00	21.32 1.47 0.00	20.69 1.37 0.00	21.66 1.47 0.00	25.38 1.90 0.00	35.25 1.68 0.01	43.21 1.52 0.64	34.63 1.61 4.52	29.67 1.09 0.02	27.58 1.51 0.00	27.25 1.69 0.00	27.63 1.71 0.00	28.61 1.77 0.00	29.72 1.71 0.00	31.40 1.75 2.69	40.47 2.05 0.26	54.55 3.09 0.01	60.43 4.06 0.01	51.51 2.45 0.02	41.50 1.79 0.02	35.82 1.71 0.01	31.31 1.63 0.00	28.59 1.59 0.00
WALDENNY_12_KV_BK2 80841	21.40 -0.89 0.00	20.54 -0.79 0.00	19.16 -0.69 0.00	18.66 -0.66 0.00	19.58 -0.61 0.00	22.96 -0.52 0.00	33.11 -0.47 0.00	41.23 -1.10 0.00	36.60 -0.94 0.00	28.54 -0.06 0.00	26.38 0.31 0.00	25.82 0.26 0.00	26.10 0.18 0.00	27.05 0.21 0.00	28.21 0.20 0.00	32.02 -0.32 0.00	37.87 -0.81 0.00	48.90 -2.57 0.00	54.85 -1.52 0.00	46.63 -2.40 0.04	38.06 -1.67 0.00	33.27 -0.85 0.00	29.14 -0.53 0.00	26.59 -0.40 0.00
WALDEN__HYDRO 24148	23.45 1.16 0.00	22.38 1.05 0.00	20.81 0.95 0.00	20.23 0.91 0.00	21.12 0.93 0.00	24.84 1.36 0.00	35.43 1.85 0.00	44.91 2.58 0.00	39.94 2.40 0.00	30.31 1.72 0.00	27.73 1.67 0.00	27.28 1.71 0.00	27.74 1.81 0.00	28.66 1.82 0.00	29.92 1.90 0.00	34.51 2.17 0.00	41.12 2.44 0.00	54.92 3.45 0.00	60.83 4.45 0.00	52.02 2.94 0.00	42.11 2.38 0.00	36.00 1.88 0.00	31.28 1.60 0.00	28.51 1.51 0.00
WARRENSBURG____ 23737	22.98 0.69 0.00	22.08 0.75 0.00	20.43 0.58 0.00	19.86 0.54 0.00	20.88 0.69 0.00	24.65 1.17 0.00	35.26 1.68 0.00	44.61 2.28 0.00	39.60 2.06 0.00	29.77 1.17 0.00	26.95 0.89 0.00	26.40 0.84 0.00	26.91 0.98 0.00	27.78 0.94 0.00	29.08 1.06 0.00	33.73 1.39 0.00	40.65 1.97 0.00	54.46 2.98 0.00	60.26 3.89 0.00	51.97 2.89 0.00	41.91 2.18 0.00	35.90 1.77 0.00	31.04 1.37 0.00	28.13 1.13 0.00
WATERSIDE____6 8 9 23538	23.90 1.60 -0.01	22.79 1.45 -0.01	21.19 1.33 -0.01	20.58 1.26 -0.01	21.47 1.27 -0.01	25.22 1.74 -0.01	35.86 2.28 0.00	45.29 2.96 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.89 2.33 0.00	28.41 2.49 0.00	29.47 2.63 0.00	30.62 2.61 0.00	35.25 2.91 0.00	41.66 2.98 0.00	55.44 3.96 0.00	61.28 4.90 0.00	52.36 3.29 0.00	42.47 2.74 0.00	36.34 2.22 0.00	31.79 2.11 -0.01	28.92 1.92 -0.01
WATKINRD_115KV_LN8_ILLION 55919	22.13 -0.16 0.00	21.18 -0.15 0.00	19.72 -0.14 0.00	19.18 -0.14 0.00	20.07 -0.12 0.00	23.41 -0.07 0.00	33.51 -0.07 0.00	42.28 -0.04 0.00	37.54 0.00 0.00	28.54 -0.06 0.00	25.99 -0.08 0.00	25.49 -0.08 0.00	25.82 -0.10 0.00	26.73 -0.11 0.00	27.87 -0.14 0.00	32.24 -0.10 0.00	38.56 -0.12 0.00	51.32 -0.15 0.00	56.37 0.00 0.00	48.97 -0.10 0.00	39.61 -0.12 0.00	34.02 -0.10 0.00	29.59 -0.09 0.00	26.92 -0.08 0.00
WATSON____69_KV_BK 1 55734	24.14 1.85 0.00	23.10 1.77 0.00	21.40 1.55 0.00	20.79 1.47 0.00	21.74 1.55 0.00	25.52 2.04 0.00	35.63 2.05 0.00	44.09 2.37 0.61	35.47 2.29 4.36	30.25 1.66 0.01	28.12 2.06 0.00	27.79 2.22 0.00	28.18 2.26 0.00	29.36 2.52 0.00	30.31 2.30 0.00	32.08 2.33 2.59	40.91 2.48 0.24	55.02 3.55 0.01	61.05 4.68 0.01	52.11 3.04 0.01	42.22 2.50 0.01	36.20 2.08 0.01	31.46 1.78 0.00	29.24 2.24 0.00
WDELAWARE__HYD 323627	23.49 1.20 0.00	22.42 1.09 0.00	20.87 1.01 0.00	20.28 0.97 0.00	21.18 0.99 0.00	24.91 1.43 0.00	35.63 2.05 0.00	45.16 2.84 0.00	40.12 2.59 0.00	30.43 1.83 0.00	27.76 1.69 0.00	27.28 1.71 0.00	27.71 1.79 0.00	28.64 1.80 0.00	29.92 1.91 0.00	34.70 2.36 0.00	41.43 2.75 0.00	55.34 3.86 0.00	61.16 4.79 0.00	52.56 3.48 0.00	42.47 2.74 0.00	36.21 2.08 0.00	31.49 1.81 0.00	28.59 1.59 0.00

WEST BABYLON___IC 23714	24.10 1.81 0.00	23.04 1.71 0.00	21.34 1.49 0.00	20.73 1.41 0.00	21.68 1.49 0.00	25.45 1.97 0.00	35.56 1.98 0.00	44.14 2.37 0.56	35.81 2.29 4.02	30.31 1.72 0.01	28.12 2.06 0.00	27.79 2.22 0.00	28.20 2.28 0.00	29.36 2.52 0.00	30.34 2.33 0.00	32.31 2.36 2.39	41.01 2.55 0.22	55.12 3.65 0.01	61.10 4.74 0.01	52.16 3.09 0.01	42.22 2.50 0.01	36.16 2.05 0.01	31.46 1.78 0.00	29.18 2.19 0.00
WEST CANADA___HYD 24049	22.36 0.07 0.00	21.40 0.06 0.00	19.92 0.06 0.00	19.38 0.06 0.00	20.25 0.06 0.00	23.62 0.14 0.00	33.78 0.20 0.00	42.58 0.26 0.00	37.76 0.23 0.00	28.74 0.14 0.00	26.20 0.13 0.00	25.69 0.13 0.00	26.05 0.13 0.00	26.97 0.13 0.00	28.15 0.14 0.00	32.54 0.20 0.00	38.91 0.23 0.00	51.84 0.36 0.00	56.82 0.45 0.00	49.37 0.30 0.00	39.97 0.24 0.00	34.26 0.14 0.00	29.82 0.15 0.00	27.11 0.11 0.00
WESTERN_NY_WIND 24143	21.46 -0.82 0.00	20.58 -0.75 0.00	19.20 -0.66 0.00	18.72 -0.60 0.00	19.62 -0.57 0.00	23.01 -0.47 0.00	33.34 -0.24 0.00	41.65 -0.68 0.00	36.82 -0.71 0.00	28.60 0.00 0.00	26.27 0.21 0.00	25.64 0.08 0.00	25.97 0.05 0.00	26.92 0.08 0.00	28.13 0.11 0.00	32.02 -0.32 0.00	37.98 -0.70 0.00	49.31 -2.16 0.00	55.36 -1.01 0.00	47.71 -1.32 0.04	38.46 -1.27 0.00	33.51 -0.61 0.00	29.20 -0.47 0.00	26.62 -0.38 0.00
WESTOVER___LESR 323668	22.33 0.04 0.00	21.37 0.04 0.00	19.91 0.06 0.00	19.38 0.06 0.00	20.25 0.06 0.00	23.76 0.28 0.00	34.08 0.50 0.00	42.79 0.47 0.00	38.63 1.09 0.00	29.66 1.06 0.00	27.13 1.07 0.00	26.61 1.05 0.00	26.96 1.04 0.00	27.86 1.02 0.00	29.02 1.01 0.00	33.31 0.97 0.00	39.65 0.97 0.00	52.61 1.13 0.00	58.40 2.03 0.00	49.94 0.88 0.02	40.68 0.95 0.00	35.05 0.92 0.00	30.57 0.89 0.00	27.81 0.81 0.00
WETHRSFD_WT_PWR 323626	21.26 -1.02 0.00	20.37 -0.96 0.00	19.02 -0.83 0.00	18.53 -0.79 0.00	19.42 -0.77 0.00	22.80 -0.68 0.00	32.81 -0.77 0.00	40.93 -1.40 0.00	36.60 -0.94 0.00	28.49 -0.11 0.00	26.27 0.21 0.00	25.77 0.20 0.00	26.08 0.16 0.00	27.08 0.24 0.00	28.18 0.17 0.00	32.12 -0.22 0.00	38.10 -0.58 0.00	49.52 -1.96 0.00	55.30 -1.07 0.00	47.32 -1.72 0.03	38.69 -1.03 0.00	33.58 -0.55 0.00	29.29 -0.39 0.00	26.70 -0.30 0.00
WHAVSTOR_138KV_BK127 55557	23.45 1.16 0.00	22.38 1.05 0.00	20.81 0.95 0.00	20.21 0.89 0.00	21.10 0.91 0.00	24.84 1.36 0.00	35.36 1.78 0.00	44.70 2.37 0.00	39.75 2.21 0.00	30.26 1.66 0.00	27.73 1.67 0.00	27.33 1.76 0.00	27.76 1.84 0.00	28.72 1.88 0.00	29.86 1.85 0.00	34.41 2.07 0.00	40.92 2.24 0.00	54.66 3.19 0.00	60.55 4.17 0.00	51.82 2.75 0.00	41.95 2.22 0.00	35.86 1.74 0.00	31.22 1.54 0.00	28.43 1.43 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.45 1.16 0.00	22.38 1.05 0.00	20.81 0.95 0.00	20.21 0.89 0.00	21.10 0.91 0.00	24.84 1.36 0.00	35.36 1.78 0.00	44.70 2.37 0.00	39.75 2.21 0.00	30.26 1.66 0.00	27.73 1.67 0.00	27.33 1.76 0.00	27.76 1.84 0.00	28.72 1.88 0.00	29.86 1.85 0.00	34.41 2.07 0.00	40.92 2.24 0.00	54.66 3.19 0.00	60.55 4.17 0.00	51.82 2.75 0.00	41.95 2.22 0.00	35.86 1.74 0.00	31.22 1.54 0.00	28.43 1.43 0.00
WHITEHAL_115KV_TB1 80871	23.43 1.14 0.00	22.50 1.17 0.00	20.79 0.93 0.00	20.23 0.91 0.00	21.30 1.11 0.00	25.19 1.71 0.00	36.06 2.48 0.00	45.67 3.34 0.00	40.58 3.04 0.00	30.40 1.80 0.00	27.45 1.38 0.00	26.87 1.30 0.00	27.40 1.48 0.00	28.26 1.42 0.00	29.58 1.57 0.00	34.31 1.97 0.00	41.35 2.67 0.00	55.49 4.01 0.00	61.73 5.36 0.00	53.05 3.97 0.00	42.79 3.06 0.00	36.68 2.56 0.00	31.63 1.96 0.00	28.70 1.70 0.00
WHITEPLN_13_KV_LOAD 356215	23.81 1.52 0.00	22.68 1.34 0.00	21.09 1.23 0.00	20.48 1.16 0.00	21.38 1.19 0.00	25.12 1.64 0.00	35.83 2.25 0.00	45.37 3.05 0.00	40.43 2.89 0.00	30.77 2.17 0.00	28.18 2.11 0.00	27.76 2.20 0.00	28.28 2.36 0.00	29.33 2.50 0.00	30.53 2.52 0.00	35.19 2.85 0.00	41.81 3.13 0.00	55.75 4.27 0.00	61.73 5.36 0.00	52.75 3.68 0.00	42.71 2.98 0.00	36.48 2.35 0.00	31.72 2.05 0.00	28.86 1.86 0.00
WM_FLOYD_69_KV_BK2 356380	23.98 1.69 0.00	23.02 1.69 0.00	21.32 1.47 0.00	20.71 1.39 0.00	21.68 1.49 0.00	25.40 1.93 0.00	35.32 1.75 0.00	43.48 1.78 0.63	34.76 1.73 4.50	29.85 1.26 0.01	27.71 1.64 0.00	27.38 1.81 0.00	27.76 1.84 0.00	28.93 2.09 0.00	29.89 1.88 0.00	31.48 1.81 2.68	40.36 1.93 0.25	54.40 2.93 0.01	60.37 4.00 0.01	51.42 2.36 0.01	41.63 1.91 0.01	35.79 1.67 0.01	31.19 1.51 0.00	29.00 2.00 0.00
WOODARD___115KV_TB2 355635	21.93 -0.36 0.00	20.99 -0.34 0.00	19.56 -0.30 0.00	19.03 -0.29 0.00	19.89 -0.30 0.00	23.22 -0.26 0.00	33.24 -0.34 0.00	41.86 -0.47 0.00	36.94 -0.60 0.00	28.20 -0.40 0.00	25.65 -0.42 0.00	25.13 -0.43 0.00	25.46 -0.47 0.00	26.35 -0.48 0.00	27.54 -0.48 0.00	31.79 -0.55 0.00	37.91 -0.77 0.00	51.91 -1.13 -1.57	56.18 -0.90 -0.71	48.69 -0.83 -0.45	38.93 -0.79 0.00	33.51 -0.61 0.00	29.14 -0.53 0.00	26.43 -0.57 0.00
YORK___WARBASSE 23770	23.95 1.65 -0.01	22.81 1.47 -0.01	21.21 1.35 -0.01	20.62 1.29 -0.01	21.49 1.29 -0.01	25.25 1.76 -0.01	35.83 2.25 0.00	45.25 2.92 0.00	40.46 2.93 0.00	30.89 2.29 -0.01	28.28 2.22 0.00	27.91 2.35 0.00	28.44 2.51 0.00	29.55 2.71 0.00	30.70 2.69 0.00	35.32 2.98 0.00	41.66 2.98 0.00	55.49 4.01 0.00	61.28 4.90 0.00	52.41 3.34 0.00	42.47 2.74 0.00	36.38 2.25 0.00	31.91 2.23 -0.01	29.03 2.02 -0.01