

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/01/2024

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	24.14	22.62	21.17	20.62	21.10	23.47	32.67	36.85	33.61	30.48	31.07	31.18	31.49	32.03	32.77	35.02	40.20	43.40	47.22	41.18	37.30	32.66	30.36	27.71
24138	1.68	1.50	1.40	1.30	1.34	1.54	2.17	2.79	3.03	2.80	2.70	2.71	2.78	2.86	2.90	2.98	3.38	3.40	3.50	2.87	2.63	1.99	1.88	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.20	22.68	21.23	20.68	21.16	23.52	32.70	36.91	33.64	30.51	31.12	31.21	31.52	32.06	32.80	35.08	40.27	43.44	47.27	41.21	37.37	32.72	30.45	27.79
24260	1.75	1.56	1.46	1.35	1.40	1.58	2.20	2.86	3.06	2.82	2.75	2.73	2.81	2.89	2.93	3.04	3.46	3.44	3.54	2.91	2.70	2.05	1.97	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.20	22.68	21.23	20.68	21.16	23.52	32.70	36.91	33.64	30.51	31.12	31.21	31.52	32.06	32.80	35.08	40.27	43.44	47.27	41.21	37.37	32.72	30.45	27.79
24261	1.75	1.56	1.46	1.35	1.40	1.58	2.20	2.86	3.06	2.82	2.75	2.73	2.81	2.89	2.93	3.04	3.46	3.44	3.54	2.91	2.70	2.05	1.97	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.16	22.77	21.21	20.72	21.20	23.54	32.37	36.30	32.75	29.57	30.01	30.04	30.14	30.48	31.30	33.61	38.73	42.36	46.35	40.41	36.50	32.17	29.85	27.35
24011	1.71	1.65	1.44	1.39	1.44	1.60	1.86	2.25	2.17	1.88	1.65	1.57	1.44	1.31	1.43	1.57	1.91	2.36	2.62	2.11	1.84	1.50	1.37	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	24.29	22.89	21.31	20.82	21.30	23.67	32.52	36.44	32.90	29.70	30.10	30.12	30.20	30.57	31.33	33.67	38.80	42.52	46.48	40.56	36.60	32.29	29.93	27.43
23798	1.84	1.77	1.54	1.49	1.54	1.73	2.01	2.38	2.32	2.02	1.73	1.65	1.49	1.40	1.46	1.63	1.99	2.52	2.76	2.26	1.94	1.62	1.45	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.16	22.77	21.21	20.72	21.20	23.54	32.37	36.30	32.75	29.57</														

ALBANY___2 23572	23.13 0.67 0.00	21.79 0.68 0.00	20.42 0.65 0.00	19.98 0.66 0.00	20.39 0.63 0.00	22.60 0.66 0.00	31.39 0.88 0.00	35.14 1.09 0.00	31.77 1.19 0.00	28.74 1.05 0.00	29.33 0.96 0.00	29.38 0.91 0.00	29.63 0.92 0.00	30.05 0.88 0.00	30.83 0.96 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.28 1.28 0.00	44.99 1.27 0.00	39.30 1.00 0.00	35.60 0.94 0.00	31.37 0.71 0.00	29.08 0.60 0.00	26.64 0.45 0.00
ALBANY___3 23573	23.13 0.67 0.00	21.79 0.68 0.00	20.42 0.65 0.00	19.98 0.66 0.00	20.39 0.63 0.00	22.60 0.66 0.00	31.39 0.88 0.00	35.14 1.09 0.00	31.77 1.19 0.00	28.74 1.05 0.00	29.33 0.96 0.00	29.38 0.91 0.00	29.63 0.92 0.00	30.05 0.88 0.00	30.83 0.96 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.28 1.28 0.00	44.99 1.27 0.00	39.30 1.00 0.00	35.60 0.94 0.00	31.37 0.71 0.00	29.08 0.60 0.00	26.64 0.45 0.00
ALBANY___4 23574	23.13 0.67 0.00	21.79 0.68 0.00	20.42 0.65 0.00	19.98 0.66 0.00	20.39 0.63 0.00	22.60 0.66 0.00	31.39 0.88 0.00	35.14 1.09 0.00	31.77 1.19 0.00	28.74 1.05 0.00	29.33 0.96 0.00	29.38 0.91 0.00	29.63 0.92 0.00	30.05 0.88 0.00	30.83 0.96 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.28 1.28 0.00	44.99 1.27 0.00	39.30 1.00 0.00	35.60 0.94 0.00	31.37 0.71 0.00	29.08 0.60 0.00	26.64 0.45 0.00
ALBANY___LFGE 323615	23.31 0.85 0.00	21.98 0.87 0.00	20.56 0.79 0.00	20.12 0.79 0.00	20.53 0.77 0.00	22.75 0.81 0.00	31.66 1.16 0.00	35.42 1.36 0.00	32.05 1.47 0.00	28.99 1.30 0.00	29.56 1.19 0.00	29.64 1.17 0.00	29.86 1.15 0.00	30.31 1.14 0.00	31.07 1.20 0.00	33.32 1.28 0.00	38.29 1.47 0.00	41.64 1.64 0.00	45.39 1.66 0.00	39.64 1.34 0.00	35.88 1.21 0.00	31.65 0.98 0.00	29.34 0.85 0.00	26.87 0.68 0.00
ALCOA_PA_115KV_PL-6C 55860	6.77 -0.16 15.52	12.08 -0.13 8.91	6.27 -0.12 13.38	6.26 -0.12 12.95	10.95 -0.12 8.69	20.19 -0.13 1.61	11.90 -0.18 18.42	24.75 -0.17 9.14	2.38 -0.46 27.74	2.34 -0.39 24.95	8.64 -0.23 19.50	8.66 -0.23 19.59	8.75 -0.23 19.73	8.94 -0.20 20.03	9.07 -0.24 20.56	9.78 -0.22 22.03	12.01 -0.22 24.58	39.84 -0.16 0.00	43.68 -0.04 0.00	38.34 0.04 0.00	34.77 0.10 0.00	30.82 0.15 0.00	28.62 0.14 0.00	26.40 0.21 0.00
ALCOA_RYNLDS___DRP 24188	6.77 -0.16 15.52	12.08 -0.13 8.91	6.27 -0.12 13.38	6.26 -0.12 12.95	10.95 -0.12 8.69	20.19 -0.13 1.61	11.90 -0.18 18.42	24.75 -0.17 9.14	2.38 -0.46 27.74	2.34 -0.39 24.95	8.64 -0.23 19.50	8.66 -0.23 19.59	8.75 -0.23 19.73	8.94 -0.20 20.03	9.07 -0.24 20.56	9.78 -0.22 22.03	12.01 -0.22 24.58	39.84 -0.16 0.00	43.68 -0.04 0.00	38.34 0.04 0.00	34.77 0.10 0.00	30.82 0.15 0.00	28.62 0.14 0.00	26.40 0.21 0.00
ALCOA___DSASP 323711	6.77 -0.16 15.52	12.08 -0.13 8.91	6.27 -0.12 13.38	6.26 -0.12 12.95	10.95 -0.12 8.69	20.19 -0.13 1.61	11.90 -0.18 18.42	24.75 -0.17 9.14	2.38 -0.46 27.74	2.34 -0.39 24.95	8.64 -0.23 19.50	8.66 -0.23 19.59	8.75 -0.23 19.73	8.94 -0.20 20.03	9.07 -0.24 20.56	9.79 -0.22 22.03	12.01 -0.22 24.58	39.84 -0.16 0.00	43.68 -0.04 0.00	38.34 0.04 0.00	34.77 0.10 0.00	30.82 0.15 0.00	28.63 0.14 0.00	26.40 0.21 0.00
ALLEGHENY___COGEN 23514	21.60 -0.85 0.00	20.29 -0.82 0.00	18.95 -0.81 0.00	18.50 -0.83 0.00	19.03 -0.73 0.00	21.15 -0.79 0.00	29.86 -0.64 0.00	33.14 -0.92 0.00	29.76 -0.82 0.00	26.74 -0.94 0.00	26.92 -1.45 0.00	27.08 -1.39 0.00	27.48 -1.23 0.00	27.80 -1.37 0.00	28.62 -1.25 0.00	30.82 -1.22 0.00	35.63 -1.18 0.00	39.00 -1.00 0.00	43.20 -0.52 0.00	38.46 0.15 0.00	34.39 -0.28 0.00	30.79 0.12 0.00	28.74 0.26 0.00	26.85 0.66 0.00
ALTAMONT_115KV_TB 2 55880	23.17 0.72 0.00	21.81 0.70 0.00	20.42 0.65 0.00	19.97 0.64 0.00	20.39 0.63 0.00	22.62 0.68 0.00	31.45 0.95 0.00	35.21 1.16 0.00	31.80 1.22 0.00	28.76 1.08 0.00	29.36 0.99 0.00	29.44 0.97 0.00	29.66 0.95 0.00	30.13 0.96 0.00	30.89 1.02 0.00	33.13 1.09 0.00	38.07 1.25 0.00	41.36 1.36 0.00	45.12 1.40 0.00	39.41 1.11 0.00	35.70 1.04 0.00	31.50 0.83 0.00	29.19 0.71 0.00	26.77 0.58 0.00
ALTONA_WT_PWR 323606	-6.95 -0.92 28.48	-6.98 -0.82 27.27	-6.96 -0.79 25.93	-6.96 -0.75 25.54	-6.98 -0.77 25.97	-6.80 -1.23 27.51	-6.69 -1.62 35.58	-6.71 -1.57 39.20	-6.75 -1.83 35.50	-6.78 -1.74 32.72	-6.69 -1.84 33.21	-6.71 -1.88 33.31	-6.74 -1.84 33.61	-6.74 -1.84 34.07	-6.73 -1.88 34.72	-6.65 -2.05 36.64	12.37 -1.92 22.53	38.56 -1.44 0.00	42.80 -0.92 0.00	37.96 -0.35 0.00	34.70 0.03 0.00	30.91 0.24 0.00	28.88 0.40 0.00	26.85 0.66 0.00
AMERICAN_REF_FUEL 24010	19.89 -2.56 0.00	18.56 -2.56 0.00	17.39 -2.37 0.00	16.95 -2.38 0.00	17.49 -2.27 0.00	19.35 -2.59 0.00	27.24 -3.26 0.00	29.73 -4.33 0.00	27.22 -3.36 0.00	24.69 -2.99 0.00	25.25 -3.12 0.00	25.63 -2.85 0.00	25.92 -2.78 0.00	26.11 -3.06 0.00	26.76 -3.11 0.00	28.55 -3.49 0.00	32.65 -4.16 0.00	35.20 -4.80 0.00	38.52 -5.20 0.00	34.39 -3.91 0.00	30.71 -3.95 0.00	27.72 -2.94 0.00	26.12 -2.36 0.00	25.02 -1.18 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.23 -2.22 0.00	18.71 -2.41 0.00	17.51 -2.25 0.00	17.09 -2.24 0.00	17.64 -2.11 0.00	19.55 -2.39 0.00	27.70 -2.81 0.00	30.37 -3.68 0.00	27.70 -2.88 0.00	25.11 -2.57 0.00	25.65 -2.72 0.00	25.97 -2.51 0.00	26.36 -2.35 0.00	26.66 -2.51 0.00	27.33 -2.54 0.00	29.35 -2.69 0.00	33.83 -2.98 0.00	36.76 -3.24 0.00	40.49 -3.24 0.00	36.43 -1.88 0.00	32.55 -2.12 0.00	29.38 -1.29 0.00	27.68 -0.80 0.00	26.35 0.16 0.00
ARTHUR KILL_GT_1 23520	24.34 1.89 0.00	22.79 1.67 0.00	21.29 1.52 0.00	20.72 1.39 0.00	21.18 1.42 0.00	23.47 1.54 0.00	32.52 2.01 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.32 2.61 0.00	31.91 2.74 0.00	32.65 2.78 0.00	34.93 2.88 0.00	39.72 2.91 0.00	42.83 2.84 0.01	46.56 2.84 0.01	40.55 2.26 0.01	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.82 1.62 0.00
ARTHUR_KILL_2 23512	24.27 1.82 0.00	22.72 1.60 0.00	21.23 1.46 0.00	20.66 1.33 0.00	21.12 1.36 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.54 2.48 0.00	33.30 2.72 0.00	30.20 2.52 0.00	30.81 2.44 0.00	30.86 2.39 0.00	31.24 2.53 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.61 2.80 0.00	42.67 2.68 0.01	46.38 2.67 0.01	40.44 2.14 0.01	37.13 2.46 0.00	32.51 1.84 0.00	30.36 1.88 0.00	27.74 1.55 0.00
ARTHUR_KILL_3 23513	24.00 1.55 0.00	22.49 1.37 0.00	21.03 1.27 0.00	20.51 1.18 0.00	20.98 1.23 0.00	23.34 1.41 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.58 0.00	30.84 2.47 0.00	30.95 2.48 0.00	31.26 2.55 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.80 2.76 0.00	39.91 3.09 0.00	43.04 3.04 0.00	46.78 3.06 0.00	40.83 2.53 0.00	37.05 2.39 0.00	32.45 1.78 0.00	30.19 1.71 0.00	27.53 1.34 0.00

ARTHUR_KILL_COGEN 323718	24.34 1.89 0.00	22.79 1.67 0.00	21.29 1.52 0.00	20.72 1.39 0.00	21.18 1.42 0.00	23.47 1.54 0.00	32.52 2.01 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.32 2.61 0.00	31.91 2.74 0.00	32.65 2.78 0.00	34.93 2.88 0.00	39.72 2.91 0.00	42.83 2.84 0.01	46.56 2.84 0.01	40.55 2.26 0.01	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.82 1.62 0.00
ASHOKAN____ 23654	23.49 1.03 0.00	22.11 0.99 0.00	20.71 0.95 0.00	20.22 0.89 0.00	20.71 0.95 0.00	22.90 0.96 0.00	31.82 1.31 0.00	35.72 1.67 0.00	32.32 1.74 0.00	29.15 1.47 0.00	29.59 1.22 0.00	29.50 1.02 0.00	29.74 1.03 0.00	30.16 0.99 0.00	30.98 1.11 0.00	33.32 1.28 0.00	38.47 1.66 0.00	42.08 2.08 0.00	45.87 2.14 0.00	39.99 1.68 0.00	36.12 1.46 0.00	31.83 1.17 0.00	29.51 1.02 0.00	27.01 0.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.28 1.82 -0.01	22.75 1.63 -0.01	21.27 1.50 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.45 1.51 0.00	32.27 1.77 0.00	36.33 2.28 0.01	33.20 2.63 0.01	30.14 2.46 0.01	30.74 2.38 0.01	30.83 2.36 0.01	31.14 2.44 0.01	31.70 2.54 0.01	32.43 2.57 0.01	34.66 2.63 0.01	39.71 2.91 0.01	42.75 2.76 0.01	46.47 2.76 0.01	40.55 2.26 0.01	36.98 2.32 0.01	32.48 1.81 0.00	30.60 2.11 -0.01	27.93 1.73 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	24.28 1.82 -0.01	22.75 1.63 -0.01	21.27 1.50 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.45 1.51 0.00	32.27 1.77 0.00	36.33 2.28 0.01	33.20 2.63 0.01	30.14 2.46 0.01	30.74 2.38 0.01	30.83 2.36 0.01	31.14 2.44 0.01	31.70 2.54 0.01	32.43 2.57 0.01	34.66 2.63 0.01	39.71 2.91 0.01	42.75 2.76 0.01	46.47 2.76 0.01	40.55 2.26 0.01	36.98 2.32 0.01	32.51 1.84 0.00	30.60 2.11 -0.01	27.93 1.73 -0.01
ASTORIA_GT2_1 24094	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT2_2 24095	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT2_3 24096	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT2_4 24097	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT3_1 24098	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT3_2 24099	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT3_3 24100	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT3_4 24101	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT4_1 24102	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT4_2 24103	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT4_3 24104	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00

ASTORIA_GT4_4 24105	24.27 1.82 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.80 2.80 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.99 2.32 0.00	32.51 1.84 0.00	30.59 2.11 0.00	27.92 1.73 0.00
ASTORIA_GT_1 23523	24.32 1.86 -0.01	22.79 1.67 -0.01	21.31 1.54 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.49 1.56 0.00	32.34 1.83 0.00	36.39 2.35 0.01	33.29 2.72 0.01	30.20 2.52 0.01	30.80 2.44 0.01	30.88 2.42 0.01	31.23 2.53 0.01	31.79 2.63 0.01	32.52 2.66 0.01	34.75 2.72 0.01	39.82 3.02 0.01	42.88 2.88 0.01	46.60 2.89 0.01	40.63 2.34 0.01	37.05 2.39 0.01	32.57 1.90 0.00	30.65 2.16 -0.01	27.98 1.78 -0.01
ASTORIA_GT_10 24110	24.16 1.71 0.00	22.64 1.52 0.00	21.19 1.42 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.02 0.00	40.75 2.45 0.00	37.06 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
ASTORIA_GT_11 24225	24.16 1.71 0.00	22.64 1.52 0.00	21.19 1.42 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.02 0.00	40.75 2.45 0.00	37.06 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
ASTORIA_GT_12 24226	24.16 1.71 0.00	22.64 1.52 0.00	21.19 1.42 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.02 0.00	40.75 2.45 0.00	37.06 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
ASTORIA_GT_13 24227	24.16 1.71 0.00	22.64 1.52 0.00	21.19 1.42 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.02 0.00	40.75 2.45 0.00	37.06 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
ASTORIA_GT_5 24106	24.32 1.86 0.00	22.77 1.65 0.00	21.31 1.54 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.49 1.56 0.00	32.34 1.83 0.00	36.44 2.38 0.00	33.27 2.69 0.00	30.18 2.49 0.00	30.81 2.44 0.00	30.86 2.39 0.00	31.24 2.53 0.00	31.74 2.57 0.00	32.50 2.63 0.00	34.76 2.72 0.00	39.83 3.02 0.00	42.88 2.88 0.00	46.61 2.89 0.00	40.64 2.34 0.00	37.06 2.39 0.00	32.57 1.90 0.00	30.65 2.16 0.00	27.98 1.78 0.00
ASTORIA_GT_7 24107	24.32 1.86 0.00	22.77 1.65 0.00	21.31 1.54 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.49 1.56 0.00	32.34 1.83 0.00	36.44 2.38 0.00	33.27 2.69 0.00	30.18 2.49 0.00	30.81 2.44 0.00	30.86 2.39 0.00	31.24 2.53 0.00	31.74 2.57 0.00	32.50 2.63 0.00	34.76 2.72 0.00	39.83 3.02 0.00	42.88 2.88 0.00	46.61 2.89 0.00	40.64 2.34 0.00	37.06 2.39 0.00	32.57 1.90 0.00	30.65 2.16 0.00	27.98 1.78 0.00
ASTORIA_GT_8 24108	24.32 1.86 0.00	22.77 1.65 0.00	21.31 1.54 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.49 1.56 0.00	32.34 1.83 0.00	36.44 2.38 0.00	33.27 2.69 0.00	30.18 2.49 0.00	30.81 2.44 0.00	30.86 2.39 0.00	31.24 2.53 0.00	31.74 2.57 0.00	32.50 2.63 0.00	34.76 2.72 0.00	39.83 3.02 0.00	42.88 2.88 0.00	46.61 2.89 0.00	40.64 2.34 0.00	37.06 2.39 0.00	32.57 1.90 0.00	30.65 2.16 0.00	27.98 1.78 0.00
ASTORIA___2 24149	24.28 1.82 -0.01	22.75 1.63 -0.01	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.33 2.28 0.01	33.23 2.66 0.01	30.14 2.46 0.01	30.74 2.38 0.01	30.83 2.36 0.01	31.17 2.47 0.01	31.73 2.57 0.01	32.43 2.57 0.01	34.66 2.63 0.01	39.71 2.91 0.01	42.79 2.80 0.01	46.52 2.80 0.01	40.55 2.26 0.01	36.98 2.32 0.01	32.51 1.84 0.00	30.60 2.11 -0.01	27.93 1.73 -0.01
ASTORIA___3 23516	24.16 1.71 0.00	22.66 1.54 0.00	21.19 1.42 0.00	20.62 1.30 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.54 2.48 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.01 0.00	40.76 2.45 0.00	37.05 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
ASTORIA___4 23517	24.16 1.71 0.00	22.64 1.52 0.00	21.19 1.42 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.02 0.00	40.75 2.45 0.00	37.06 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
ASTORIA___5 23518	24.16 1.71 0.00	22.66 1.54 0.00	21.19 1.42 0.00	20.62 1.30 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.54 2.48 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.01 0.00	40.76 2.45 0.00	37.05 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
AST_ENERGY_2_CC3 323677	24.05 1.59 0.00	22.53 1.42 0.00	21.07 1.30 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.58 0.00	30.84 2.47 0.00	30.95 2.48 0.00	31.26 2.55 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.80 2.76 0.00	39.91 3.09 0.00	43.04 3.04 0.00	46.83 3.10 0.00	40.83 2.53 0.00	37.05 2.39 0.00	32.45 1.78 0.00	30.19 1.71 0.00	27.58 1.39 0.00
AST_ENERGY_2_CC4 323678	24.05 1.59 0.00	22.53 1.42 0.00	21.07 1.30 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.58 0.00	30.84 2.47 0.00	30.95 2.48 0.00	31.26 2.55 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.80 2.76 0.00	39.91 3.09 0.00	43.04 3.04 0.00	46.83 3.10 0.00	40.83 2.53 0.00	37.05 2.39 0.00	32.45 1.78 0.00	30.19 1.71 0.00	27.58 1.39 0.00

ATHENS_STG_1 23668	23.24 0.79 0.00	21.84 0.72 0.00	20.46 0.69 0.00	20.00 0.68 0.00	20.43 0.67 0.00	22.66 0.72 0.00	31.48 0.98 0.00	35.28 1.22 0.00	32.02 1.44 0.00	28.99 1.30 0.00	29.56 1.19 0.00	29.67 1.20 0.00	29.91 1.21 0.00	30.43 1.25 0.00	31.13 1.25 0.00	33.36 1.31 0.00	38.32 1.51 0.00	41.48 1.48 0.00	45.21 1.49 0.00	39.49 1.19 0.00	35.77 1.11 0.00	31.53 0.86 0.00	29.25 0.77 0.00	26.77 0.58 0.00
ATHENS_STG_2 23670	23.24 0.79 0.00	21.84 0.72 0.00	20.46 0.69 0.00	20.00 0.68 0.00	20.43 0.67 0.00	22.66 0.72 0.00	31.48 0.98 0.00	35.28 1.22 0.00	32.02 1.44 0.00	28.99 1.30 0.00	29.56 1.19 0.00	29.67 1.20 0.00	29.91 1.21 0.00	30.43 1.25 0.00	31.13 1.25 0.00	33.36 1.31 0.00	38.32 1.51 0.00	41.48 1.48 0.00	45.21 1.49 0.00	39.49 1.19 0.00	35.77 1.11 0.00	31.53 0.86 0.00	29.25 0.77 0.00	26.77 0.58 0.00
ATHENS_STG_3 23677	23.24 0.79 0.00	21.84 0.72 0.00	20.46 0.69 0.00	20.00 0.68 0.00	20.43 0.67 0.00	22.66 0.72 0.00	31.48 0.98 0.00	35.28 1.22 0.00	32.02 1.44 0.00	28.99 1.30 0.00	29.56 1.19 0.00	29.67 1.20 0.00	29.91 1.21 0.00	30.43 1.25 0.00	31.13 1.25 0.00	33.36 1.31 0.00	38.32 1.51 0.00	41.48 1.48 0.00	45.21 1.49 0.00	39.49 1.19 0.00	35.77 1.11 0.00	31.53 0.86 0.00	29.25 0.77 0.00	26.77 0.58 0.00
AUBURN___LFGE 323710	22.00 -0.45 0.00	20.70 -0.42 0.00	19.35 -0.42 0.00	18.92 -0.41 0.00	19.36 -0.40 0.00	21.52 -0.42 0.00	30.14 -0.37 0.00	33.54 -0.51 0.00	30.18 -0.40 0.00	27.35 -0.33 0.00	27.80 -0.57 0.00	27.99 -0.48 0.00	28.22 -0.49 0.00	28.71 -0.47 0.00	29.36 -0.51 0.00	31.50 -0.54 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.84 -0.46 0.00	34.14 -0.52 0.00	30.27 -0.40 0.00	28.17 -0.31 0.00	25.93 -0.26 0.00
BABYLON_RES_REC 323704	24.59 2.13 0.00	22.85 1.73 0.00	21.35 1.58 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.76 1.82 0.00	32.64 2.13 0.00	36.06 2.01 0.00	33.88 3.30 0.00	30.92 3.24 0.00	31.39 3.01 -0.01	31.44 2.96 -0.01	31.67 2.96 0.00	32.23 3.06 0.00	32.71 2.84 0.00	34.67 2.63 0.00	39.87 3.05 0.00	43.48 3.48 0.00	47.05 3.32 0.00	40.56 2.26 0.00	36.64 1.97 0.00	32.69 2.02 0.00	30.62 2.14 0.00	27.90 1.70 0.00
BABYLON__69_KV_BK2 356345	24.83 2.38 0.00	23.06 1.94 0.00	21.58 1.82 0.00	20.89 1.57 0.00	21.40 1.64 0.00	23.98 2.04 0.00	32.89 2.38 0.00	36.54 2.49 0.00	34.07 3.49 0.00	31.15 3.46 0.00	31.70 3.32 -0.01	31.76 3.27 -0.01	31.98 3.27 0.00	32.41 3.24 0.00	32.92 3.05 0.00	35.02 2.98 0.00	40.31 3.50 0.00	44.00 4.00 0.00	47.57 3.85 0.00	41.02 2.72 0.00	36.99 2.32 0.00	33.03 2.36 0.00	30.90 2.42 0.00	28.16 1.96 0.00
BALL_HILL_WT_PWR 323825	20.57 -1.89 0.00	19.15 -1.96 0.00	17.95 -1.82 0.00	17.49 -1.84 0.00	18.06 -1.70 0.00	20.01 -1.93 0.00	28.28 -2.23 0.00	30.95 -3.10 0.00	28.23 -2.35 0.00	25.58 -2.11 0.00	26.10 -2.27 0.00	26.45 -2.02 0.00	26.79 -1.92 0.00	27.04 -2.13 0.00	27.69 -2.18 0.00	29.64 -2.40 0.00	33.98 -2.83 0.00	36.80 -3.20 0.00	40.36 -3.37 0.00	36.08 -2.22 0.00	32.20 -2.46 0.00	29.01 -1.66 0.00	27.31 -1.17 0.00	25.98 -0.21 0.00
BARON_WINDS___WT_PWR 323822	20.90 -1.55 0.00	19.58 -1.54 0.00	18.32 -1.44 0.00	17.88 -1.45 0.00	18.40 -1.36 0.00	20.40 -1.54 0.00	28.74 -1.77 0.00	31.74 -2.32 0.00	28.75 -1.83 0.00	26.02 -1.66 0.00	26.41 -1.96 0.00	26.65 -1.82 0.00	26.99 -1.72 0.00	27.30 -1.87 0.00	27.99 -1.88 0.00	30.05 -1.99 0.00	34.68 -2.14 0.00	37.72 -2.28 0.00	41.36 -2.36 0.00	36.69 -1.61 0.00	32.93 -1.73 0.00	29.47 -1.20 0.00	27.66 -0.83 0.00	25.93 -0.26 0.00
BARRETT_IC_1 23704	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_10 23701	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_11 23702	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_12 23703	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_2 23705	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_3 23706	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_4 23707	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00

BARRETT_IC_5 23708	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_6 23709	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_7 23710	24.29 1.84 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.99 1.94 0.00	33.45 2.87 0.00	30.54 2.85 0.00	31.11 2.72 -0.02	31.05 2.56 -0.02	31.44 2.73 -0.01	31.89 2.71 -0.01	32.41 2.54 0.00	34.44 2.40 0.00	39.39 2.58 0.00	42.76 2.76 0.00	46.30 2.58 0.00	40.03 1.72 0.00	36.36 1.70 0.00	32.49 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_8 23711	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT_IC_9 23700	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT___1 23545	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BARRETT___2 23546	24.29 1.84 0.00	22.64 1.52 0.00	21.15 1.38 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.52 1.58 0.00	32.40 1.89 0.00	35.89 1.84 0.00	33.58 3.00 0.00	30.59 2.91 0.00	31.11 2.72 -0.02	31.08 2.59 -0.02	31.45 2.73 -0.01	32.01 2.83 -0.01	32.47 2.60 0.00	34.45 2.40 0.00	39.35 2.54 0.00	42.76 2.76 0.00	46.30 2.58 0.00	39.99 1.68 0.00	36.36 1.70 0.00	32.48 1.81 -0.01	30.36 1.88 0.00	27.66 1.47 0.00
BATAVIA__115KV_TB1 55881	20.72 -1.73 0.00	19.41 -1.71 0.00	18.15 -1.62 0.00	17.72 -1.60 0.00	18.24 -1.52 0.00	20.23 -1.71 0.00	28.55 -1.95 0.00	31.23 -2.83 0.00	28.65 -1.93 0.00	26.02 -1.66 0.00	26.44 -1.93 0.00	26.88 -1.59 0.00	27.13 -1.58 0.00	27.54 -1.63 0.00	27.93 -1.94 0.00	29.99 -2.05 0.00	34.27 -2.54 0.00	37.00 -3.00 0.00	40.66 -3.06 0.00	36.35 -1.95 0.00	32.41 -2.25 0.00	29.17 -1.50 0.00	27.34 -1.14 0.00	25.96 -0.24 0.00
BAYONEEC___CTG1 323682	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BAYONEEC___CTG10 323750	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BAYONEEC___CTG2 323683	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BAYONEEC___CTG3 323684	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BAYONEEC___CTG4 323685	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BAYONEEC___CTG5 323686	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BAYONEEC___CTG6 323687	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00

BAYONEEC___CTG7 323688	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BAYONEEC___CTG8 323689	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BAYONEEC___CTG9 323749	24.05 1.59 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.13 2.46 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
BEACON___LESR 323632	23.44 0.99 0.00	22.09 0.97 0.00	20.66 0.89 0.00	20.20 0.87 0.00	20.63 0.87 0.00	22.86 0.92 0.00	31.85 1.34 0.00	35.65 1.60 0.00	32.26 1.68 0.00	29.15 1.47 0.00	29.70 1.33 0.00	29.78 1.31 0.00	30.00 1.29 0.00	30.43 1.25 0.00	31.18 1.31 0.00	33.48 1.44 0.00	38.51 1.69 0.00	41.92 1.92 0.00	45.69 1.97 0.00	39.91 1.61 0.00	36.12 1.46 0.00	31.86 1.19 0.00	29.51 1.02 0.00	27.03 0.84 0.00
BEAVER RIVER___HYD 24048	24.53 0.16 -1.92	25.44 0.19 -4.13	21.94 0.14 -2.04	21.57 0.15 -2.09	23.79 0.18 -3.86	28.63 0.31 -6.39	33.40 0.58 -2.32	41.62 0.95 -6.61	30.04 0.49 1.03	27.26 0.31 0.73	29.82 0.09 -1.37	29.89 0.06 -1.36	30.15 0.06 -1.39	30.60 0.03 -1.39	31.33 0.09 -1.37	33.78 0.42 -1.32	34.34 0.70 3.18	41.20 1.20 0.00	46.00 2.27 0.00	40.29 1.99 0.00	36.33 1.66 0.00	32.14 1.47 0.00	29.73 1.25 0.00	27.35 1.15 0.00
BEEBEE_GT_13 23619	21.08 -1.37 0.00	19.81 -1.31 0.00	18.52 -1.25 0.00	18.09 -1.24 0.00	18.57 -1.19 0.00	20.60 -1.34 0.00	28.92 -1.59 0.00	31.84 -2.21 0.00	29.02 -1.56 0.00	26.36 -1.33 0.00	26.84 -1.53 0.00	27.16 -1.31 0.00	27.42 -1.29 0.00	27.86 -1.31 0.00	28.38 -1.49 0.00	30.44 -1.60 0.00	34.79 -2.02 0.00	37.68 -2.32 0.00	41.32 -2.40 0.00	36.62 -1.69 0.00	32.83 -1.84 0.00	29.35 -1.32 0.00	27.40 -1.08 0.00	25.67 -0.52 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.36 1.91 0.00	22.79 1.67 0.00	21.33 1.56 0.00	20.76 1.43 0.00	21.22 1.46 0.00	23.56 1.62 0.00	32.67 2.17 0.00	36.88 2.83 0.00	33.64 3.06 0.00	30.51 2.82 0.00	31.15 2.78 0.00	31.21 2.73 0.00	31.58 2.87 0.00	32.12 2.95 0.00	32.89 3.02 0.00	35.15 3.11 0.00	40.24 3.42 0.00	43.40 3.40 0.00	47.18 3.45 0.00	41.10 2.80 0.00	37.44 2.77 0.00	32.75 2.09 0.00	30.59 2.11 0.00	27.92 1.73 0.00
BETHLEHEM___GRP 23843	23.13 0.67 0.00	21.79 0.68 0.00	20.42 0.65 0.00	19.98 0.66 0.00	20.39 0.63 0.00	22.60 0.66 0.00	31.39 0.88 0.00	35.14 1.09 0.00	31.77 1.19 0.00	28.74 1.05 0.00	29.33 0.96 0.00	29.38 0.91 0.00	29.63 0.92 0.00	30.05 0.88 0.00	30.83 0.96 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.28 1.28 0.00	44.99 1.27 0.00	39.30 1.00 0.00	35.60 0.94 0.00	31.37 0.71 0.00	29.08 0.60 0.00	26.64 0.45 0.00
BETHLEHEM___GS1 323560	23.13 0.67 0.00	21.79 0.68 0.00	20.42 0.65 0.00	19.99 0.66 0.00	20.39 0.63 0.00	22.57 0.64 0.00	31.39 0.89 0.00	35.11 1.06 0.00	31.77 1.19 0.00	28.74 1.05 0.00	29.33 0.97 0.00	29.41 0.94 0.00	29.63 0.92 0.00	30.08 0.91 0.00	30.83 0.96 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.28 1.28 0.00	44.99 1.27 0.00	39.30 0.99 0.00	35.60 0.94 0.00	31.37 0.71 0.00	29.08 0.60 0.00	26.64 0.44 0.00
BETHLEHEM___GS2 323561	23.13 0.67 0.00	21.79 0.68 0.00	20.42 0.65 0.00	19.99 0.66 0.00	20.39 0.63 0.00	22.57 0.64 0.00	31.39 0.89 0.00	35.11 1.06 0.00	31.77 1.19 0.00	28.74 1.05 0.00	29.33 0.97 0.00	29.41 0.94 0.00	29.63 0.92 0.00	30.08 0.91 0.00	30.83 0.96 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.28 1.28 0.00	44.99 1.27 0.00	39.30 0.99 0.00	35.60 0.94 0.00	31.37 0.71 0.00	29.08 0.60 0.00	26.64 0.44 0.00
BETHLEHEM___GS3 323562	23.13 0.67 0.00	21.79 0.68 0.00	20.42 0.65 0.00	19.99 0.66 0.00	20.39 0.63 0.00	22.57 0.64 0.00	31.39 0.89 0.00	35.11 1.06 0.00	31.77 1.19 0.00	28.74 1.05 0.00	29.33 0.97 0.00	29.41 0.94 0.00	29.63 0.92 0.00	30.08 0.91 0.00	30.83 0.96 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.28 1.28 0.00	44.99 1.27 0.00	39.30 0.99 0.00	35.60 0.94 0.00	31.37 0.71 0.00	29.08 0.60 0.00	26.64 0.44 0.00
BETHLEHEM___STEEL 23779	20.61 -1.84 0.00	19.18 -1.94 0.00	17.97 -1.80 0.00	17.53 -1.80 0.00	18.08 -1.68 0.00	20.01 -1.93 0.00	28.28 -2.23 0.00	30.75 -3.30 0.00	28.32 -2.26 0.00	25.72 -1.97 0.00	26.18 -2.18 0.00	26.62 -1.85 0.00	26.87 -1.84 0.00	27.30 -1.87 0.00	27.60 -2.27 0.00	29.64 -2.40 0.00	33.94 -2.87 0.00	36.60 -3.40 0.00	40.05 -3.67 0.00	35.85 -2.45 0.00	32.03 -2.63 0.00	28.86 -1.81 0.00	27.17 -1.31 0.00	25.91 -0.29 0.00
BETHLHEM_115KV_TB1 79974	23.13 0.67 0.00	21.79 0.68 0.00	20.42 0.65 0.00	19.98 0.66 0.00	20.39 0.63 0.00	22.60 0.66 0.00	31.42 0.92 0.00	35.14 1.09 0.00	31.77 1.19 0.00	28.74 1.05 0.00	29.33 0.96 0.00	29.41 0.94 0.00	29.63 0.92 0.00	30.08 0.90 0.00	30.86 0.99 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.28 1.28 0.00	45.04 1.31 0.00	39.30 1.00 0.00	35.60 0.94 0.00	31.40 0.74 0.00	29.11 0.63 0.00	26.67 0.47 0.00
BETHPAGE_CC_5 323564	24.52 2.06 0.00	22.81 1.69 0.00	21.31 1.54 0.00	20.68 1.35 0.00	21.18 1.42 0.00	23.71 1.78 0.00	32.61 2.10 0.00	36.10 2.04 0.00	33.82 3.24 0.00	30.84 3.15 0.00	31.36 2.98 -0.01	31.42 2.93 -0.01	31.67 2.96 0.00	32.23 3.06 0.00	32.71 2.84 0.00	34.64 2.59 0.00	39.79 2.98 0.00	43.36 3.36 0.00	46.96 3.24 0.00	40.48 2.18 0.00	36.60 1.94 0.00	32.69 2.02 0.00	30.56 2.08 0.00	27.87 1.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.68 -1.77 0.00	19.24 -1.88 0.00	18.03 -1.74 0.00	17.61 -1.72 0.00	18.14 -1.62 0.00	20.07 -1.86 0.00	28.40 -2.10 0.00	30.89 -3.17 0.00	28.44 -2.14 0.00	25.80 -1.88 0.00	26.27 -2.10 0.00	26.71 -1.77 0.00	26.96 -1.75 0.00	27.39 -1.78 0.00	27.69 -2.18 0.00	29.77 -2.27 0.00	34.05 -2.76 0.00	36.76 -3.24 0.00	40.23 -3.50 0.00	36.00 -2.30 0.00	32.17 -2.50 0.00	28.98 -1.69 0.00	27.29 -1.20 0.00	26.01 -0.18 0.00

BINGHAMTON___COGEN 23790	22.14 -0.31 0.00	20.78 -0.34 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.48 -0.28 0.00	21.63 -0.31 0.00	30.29 -0.21 0.00	33.68 -0.37 0.00	30.43 -0.15 0.00	27.55 -0.14 0.00	28.03 -0.34 0.00	28.22 -0.26 0.00	28.45 -0.26 0.00	28.91 -0.26 0.00	29.54 -0.33 0.00	31.72 -0.32 0.00	36.48 -0.33 0.00	39.68 -0.32 0.00	43.38 -0.35 0.00	38.15 -0.15 0.00	34.35 -0.31 0.00	30.48 -0.18 0.00	28.40 -0.09 0.00	26.25 0.05 0.00
BIXINCNT_115KV_LOAD 355685	20.45 -2.00 0.00	19.01 -2.11 0.00	17.83 -1.94 0.00	17.41 -1.91 0.00	17.86 -1.90 0.00	19.79 -2.15 0.00	28.03 -2.47 0.00	30.55 -3.51 0.00	27.92 -2.66 0.00	25.19 -2.49 0.00	25.62 -2.75 0.00	26.02 -2.45 0.00	26.33 -2.38 0.00	26.78 -2.39 0.00	27.12 -2.75 0.00	29.25 -2.79 0.00	33.50 -3.31 0.00	36.36 -3.64 0.00	39.92 -3.80 0.00	35.85 -2.45 0.00	32.24 -2.43 0.00	29.13 -1.53 0.00	27.49 -1.00 0.00	26.14 -0.05 0.00
BLACK RIVER___HYD 24047	24.09 0.27 -1.37	24.32 0.30 -2.90	21.45 0.24 -1.45	21.07 0.25 -1.49	22.74 0.28 -2.71	26.79 0.40 -4.46	32.90 0.73 -1.66	39.81 1.12 -4.63	30.59 0.67 0.66	27.70 0.47 0.45	29.62 0.25 -1.00	29.66 0.20 -0.99	29.95 0.23 -1.01	30.34 0.15 -1.02	31.08 0.21 -1.00	33.49 0.48 -0.97	35.39 0.74 2.16	41.20 1.20 0.00	45.95 2.23 0.00	40.29 1.99 0.00	36.26 1.60 0.00	32.11 1.44 0.00	29.71 1.22 0.00	27.29 1.10 0.00
BLACKRVR_115KV_TB2 79977	24.09 0.27 -1.37	24.32 0.30 -2.90	21.45 0.24 -1.45	21.07 0.25 -1.49	22.74 0.28 -2.71	26.79 0.39 -4.46	32.90 0.73 -1.66	39.81 1.12 -4.63	30.59 0.67 0.66	27.73 0.50 0.45	29.62 0.26 -1.00	29.66 0.20 -0.99	29.95 0.23 -1.01	30.36 0.18 -1.02	31.08 0.21 -1.00	33.49 0.48 -0.97	35.39 0.74 2.16	41.20 1.20 0.00	45.95 2.23 0.00	40.26 1.95 0.00	36.26 1.59 0.00	32.11 1.44 0.00	29.71 1.22 0.00	27.29 1.10 0.00
BLISS_WT_PWR 323608	20.30 -2.16 0.00	18.86 -2.26 0.00	17.71 -2.06 0.00	17.26 -2.07 0.00	17.68 -2.07 0.00	19.61 -2.33 0.00	27.76 -2.75 0.00	30.41 -3.64 0.00	27.55 -3.03 0.00	24.83 -2.85 0.00	25.30 -3.06 0.00	25.65 -2.82 0.00	26.01 -2.70 0.00	26.34 -2.83 0.00	26.94 -2.93 0.00	28.96 -3.08 0.00	33.24 -3.57 0.00	36.20 -3.80 0.00	39.75 -3.98 0.00	35.62 -2.68 0.00	32.14 -2.53 0.00	29.07 -1.60 0.00	27.43 -1.05 0.00	26.12 -0.08 0.00
BLUESTONE___WT_PWR 323821	23.22 0.76 0.00	21.84 0.72 0.00	20.40 0.63 0.00	19.99 0.66 0.00	20.47 0.71 0.00	22.79 0.85 0.00	31.85 1.34 0.00	35.72 1.67 0.00	32.11 1.53 0.00	29.07 1.38 0.00	29.56 1.19 0.00	29.67 1.20 0.00	29.94 1.23 0.00	30.40 1.23 0.00	31.18 1.31 0.00	33.48 1.44 0.00	38.51 1.69 0.00	41.88 1.88 0.00	46.04 2.32 0.00	40.29 1.99 0.00	36.33 1.66 0.00	32.17 1.50 0.00	29.85 1.37 0.00	27.48 1.28 0.00
BLUE_CIRC_CHEM_DRP 24182	23.28 0.83 0.00	21.92 0.80 0.00	20.52 0.75 0.00	20.08 0.75 0.00	20.49 0.73 0.00	22.70 0.77 0.00	31.60 1.10 0.00	35.31 1.26 0.00	31.89 1.31 0.00	28.79 1.11 0.00	29.33 0.96 0.00	29.38 0.91 0.00	29.57 0.86 0.00	30.02 0.85 0.00	30.80 0.93 0.00	33.07 1.03 0.00	38.07 1.25 0.00	41.44 1.44 0.00	45.26 1.53 0.00	39.53 1.23 0.00	35.77 1.11 0.00	31.59 0.92 0.00	29.28 0.80 0.00	26.88 0.68 0.00
BOC_GAS_DRP 24189	23.10 0.65 0.00	21.73 0.61 0.00	20.36 0.59 0.00	19.91 0.58 0.00	20.33 0.57 0.00	22.55 0.61 0.00	31.33 0.82 0.00	35.07 1.02 0.00	31.71 1.13 0.00	28.71 1.02 0.00	29.31 0.94 0.00	29.38 0.91 0.00	29.63 0.92 0.00	30.08 0.90 0.00	30.83 0.96 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.20 1.20 0.00	44.95 1.22 0.00	39.26 0.96 0.00	35.57 0.90 0.00	31.37 0.71 0.00	29.11 0.63 0.00	26.69 0.50 0.00
BOONVILLE_115KV_TB1 79983	24.27 0.38 -1.43	23.43 0.38 -1.94	21.48 0.34 -1.38	21.03 0.33 -1.38	21.94 0.36 -1.82	24.81 0.46 -2.42	32.93 0.70 -1.72	37.86 0.95 -2.85	32.28 0.76 -0.94	29.24 0.64 -0.91	30.30 0.51 -1.42	30.41 0.51 -1.43	30.67 0.52 -1.44	31.13 0.50 -1.46	31.88 0.54 -1.47	34.30 0.74 -1.53	37.77 0.96 0.00	41.20 1.20 0.00	45.56 1.84 0.00	39.87 1.57 0.00	35.98 1.32 0.00	31.83 1.17 0.00	29.48 1.00 0.00	27.11 0.92 0.00
BORALEX_4TH_BRANCH 23824	24.02 1.57 0.00	22.58 1.46 0.00	21.11 1.34 0.00	20.64 1.31 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.58 2.07 0.00	36.57 2.52 0.00	33.12 2.54 0.00	29.98 2.30 0.00	30.58 2.21 0.00	30.69 2.22 0.00	30.86 2.15 0.00	31.33 2.16 0.00	32.17 2.30 0.00	34.51 2.47 0.00	39.65 2.83 0.00	42.96 2.96 0.00	46.70 2.97 0.00	40.75 2.45 0.00	36.95 2.29 0.00	32.63 1.96 0.00	30.19 1.71 0.00	27.66 1.47 0.00
BOWLINE___1 23526	23.75 1.30 0.00	22.28 1.16 0.00	20.85 1.09 0.00	20.33 1.00 0.00	20.82 1.07 0.00	23.14 1.21 0.00	32.18 1.68 0.00	36.17 2.11 0.00	32.97 2.39 0.00	29.85 2.16 0.00	30.41 2.04 0.00	30.52 2.05 0.00	30.80 2.09 0.00	31.33 2.16 0.00	32.05 2.18 0.00	34.32 2.28 0.00	39.39 2.58 0.00	42.64 2.64 0.00	46.44 2.71 0.00	40.48 2.18 0.00	36.64 1.97 0.00	32.17 1.50 0.00	29.88 1.40 0.00	27.29 1.10 0.00
BOWLINE___2 23595	23.75 1.30 0.00	22.28 1.16 0.00	20.85 1.09 0.00	20.33 1.00 0.00	20.82 1.07 0.00	23.14 1.21 0.00	32.18 1.68 0.00	36.17 2.11 0.00	32.97 2.39 0.00	29.85 2.16 0.00	30.41 2.04 0.00	30.52 2.05 0.00	30.80 2.09 0.00	31.33 2.16 0.00	32.05 2.18 0.00	34.32 2.28 0.00	39.39 2.58 0.00	42.64 2.64 0.00	46.44 2.71 0.00	40.48 2.18 0.00	36.64 1.97 0.00	32.17 1.50 0.00	29.88 1.40 0.00	27.29 1.10 0.00
BRADY___115KV_TB2 356060	27.62 0.97 -4.20	32.60 0.99 -10.49	25.31 0.89 -4.65	25.06 0.91 -4.82	30.45 0.93 -9.77	40.13 1.27 -16.92	37.73 2.10 -5.11	54.03 2.89 -17.09	27.87 1.62 4.33	25.32 1.00 3.37	31.52 0.62 -2.53	31.49 0.51 -2.50	31.82 0.55 -2.56	32.30 0.55 -2.57	33.05 0.72 -2.46	35.48 1.19 -2.26	28.83 1.88 9.86	43.04 3.04 0.00	48.71 4.98 0.00	42.75 4.44 0.00	38.55 3.88 0.00	34.13 3.47 0.00	31.42 2.93 0.00	28.95 2.75 0.00
BRANSCOMB___SOLAR 323811	23.87 1.42 0.00	22.49 1.37 0.00	20.99 1.23 0.00	20.51 1.18 0.00	20.96 1.21 0.00	23.28 1.34 0.00	32.21 1.71 0.00	36.10 2.04 0.00	32.60 2.02 0.00	29.46 1.77 0.00	29.96 1.59 0.00	29.98 1.51 0.00	30.12 1.41 0.00	30.54 1.37 0.00	31.33 1.46 0.00	33.64 1.60 0.00	38.73 1.91 0.00	42.24 2.24 0.00	46.13 2.40 0.00	40.25 1.95 0.00	36.43 1.77 0.00	32.14 1.47 0.00	29.79 1.31 0.00	27.29 1.10 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.74 2.29 0.00	22.98 1.86 0.00	21.51 1.74 0.00	20.84 1.51 0.00	21.32 1.56 0.00	23.91 1.97 0.00	32.76 2.26 0.00	36.33 2.28 0.00	33.88 3.30 0.00	31.01 3.32 0.00	31.53 3.15 -0.01	31.61 3.13 -0.01	31.81 3.10 0.00	32.23 3.06 0.00	32.71 2.84 0.00	34.80 2.76 0.00	40.05 3.24 0.00	43.72 3.72 0.00	47.27 3.54 0.00	40.72 2.41 0.00	36.74 2.08 0.00	32.78 2.12 0.00	30.76 2.28 0.00	28.03 1.83 0.00

BRISTLHL_115KV_TB1 79998	21.96 -0.49 0.00	20.65 -0.46 0.00	19.31 -0.45 0.00	18.88 -0.44 0.00	19.32 -0.43 0.00	21.45 -0.48 0.00	29.93 -0.58 0.00	33.27 -0.78 0.00	29.91 -0.67 0.00	27.10 -0.58 0.00	27.63 -0.74 0.00	27.76 -0.71 0.00	27.96 -0.75 0.00	28.44 -0.73 0.00	29.09 -0.78 0.00	31.21 -0.83 0.00	35.86 -0.96 0.00	39.00 -1.00 0.00	42.63 -1.09 0.00	37.42 -0.88 0.00	33.80 -0.87 0.00	29.93 -0.74 0.00	27.80 -0.68 0.00	25.59 -0.60 0.00
BROOKHAVEN___DRP 24191	24.79 2.34 0.00	22.98 1.86 0.00	21.51 1.74 0.00	20.82 1.49 0.00	21.30 1.54 0.00	23.91 1.97 0.00	32.64 2.14 0.00	36.27 2.21 0.00	33.88 3.30 0.00	30.98 3.29 0.00	31.50 3.12 -0.01	31.61 3.13 -0.01	31.78 3.07 0.00	32.21 3.03 0.00	32.68 2.81 0.00	34.76 2.72 0.00	40.05 3.24 0.00	43.76 3.76 0.00	47.22 3.50 0.00	40.64 2.34 0.00	36.67 2.01 0.00	32.75 2.09 0.00	30.68 2.19 0.00	28.00 1.81 0.00
BROOKLYN_NAVY_YARD 23515	24.00 1.55 0.00	22.49 1.37 0.00	21.03 1.27 0.00	20.49 1.16 0.00	20.96 1.21 0.00	23.34 1.41 0.00	32.43 1.92 0.00	36.57 2.52 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.87 2.50 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.87 2.57 0.00	37.09 2.43 0.00	32.48 1.81 0.00	30.22 1.74 0.00	27.56 1.36 0.00
BROOKLYN___ARMY_DRP 323595	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00
BROOKVLE_69_KV_TB1 55790	24.34 1.89 0.00	22.70 1.58 0.00	21.25 1.48 0.00	20.64 1.31 0.00	21.12 1.36 0.00	23.58 1.65 0.00	32.61 2.10 0.00	36.47 2.42 0.00	33.64 3.06 0.00	30.62 2.93 0.00	31.25 2.87 -0.02	31.31 2.82 -0.02	31.61 2.90 0.00	32.09 2.92 0.00	32.68 2.81 0.00	34.83 2.79 0.00	40.02 3.20 0.00	43.44 3.44 0.00	47.09 3.37 0.00	40.83 2.53 0.00	36.92 2.25 0.00	32.72 2.05 0.00	30.48 1.99 0.00	27.79 1.60 0.00
BROOME_2_LFGE 323671	22.14 -0.31 0.00	20.78 -0.34 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.48 -0.28 0.00	21.63 -0.31 0.00	30.29 -0.21 0.00	33.71 -0.34 0.00	30.43 -0.15 0.00	27.55 -0.14 0.00	28.03 -0.34 0.00	28.19 -0.28 0.00	28.45 -0.26 0.00	28.88 -0.29 0.00	29.57 -0.30 0.00	31.72 -0.32 0.00	36.48 -0.33 0.00	39.68 -0.32 0.00	43.37 -0.35 0.00	38.15 -0.15 0.00	34.35 -0.31 0.00	30.49 -0.18 0.00	28.40 -0.09 0.00	26.25 0.05 0.00
BROOME___LFGE 323600	22.14 -0.31 0.00	20.78 -0.34 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.48 -0.28 0.00	21.63 -0.31 0.00	30.29 -0.21 0.00	33.71 -0.34 0.00	30.43 -0.15 0.00	27.55 -0.14 0.00	28.03 -0.34 0.00	28.19 -0.28 0.00	28.45 -0.26 0.00	28.88 -0.29 0.00	29.57 -0.30 0.00	31.72 -0.32 0.00	36.48 -0.33 0.00	39.68 -0.32 0.00	43.37 -0.35 0.00	38.15 -0.15 0.00	34.35 -0.31 0.00	30.49 -0.18 0.00	28.40 -0.09 0.00	26.25 0.05 0.00
BROWNFLS_115KV_TB_3_5 80003	25.68 0.20 -3.02	28.56 0.23 -7.21	23.25 0.18 -3.30	22.95 0.21 -3.41	26.69 0.22 -6.71	33.79 0.37 -11.48	34.91 0.73 -3.67	46.89 1.16 -11.68	28.51 0.55 2.62	26.01 0.33 2.00	30.41 0.11 -1.93	30.44 0.06 -1.91	30.72 0.06 -1.95	31.19 0.06 -1.96	31.89 0.12 -1.90	34.26 0.45 -1.77	31.18 0.77 6.41	41.40 1.40 0.00	46.30 2.58 0.00	40.60 2.30 0.00	36.64 1.98 0.00	32.45 1.78 0.00	29.99 1.51 0.00	27.61 1.41 0.00
BROWNSV1_27_KV_LOAD 356125	24.20 1.75 0.00	22.68 1.56 0.00	21.23 1.46 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.54 1.60 0.00	32.70 2.20 0.00	36.91 2.86 0.00	33.67 3.09 0.00	30.51 2.82 0.00	31.12 2.75 0.00	31.21 2.73 0.00	31.55 2.84 0.00	32.06 2.89 0.00	32.83 2.96 0.00	35.12 3.08 0.00	40.31 3.50 0.00	43.48 3.48 0.00	47.31 3.59 0.00	41.25 2.95 0.00	37.40 2.74 0.00	32.75 2.09 0.00	30.48 1.99 0.00	27.79 1.60 0.00
BURROWS___LYONSDAL 23803	24.12 0.31 -1.36	23.71 0.32 -2.28	21.38 0.26 -1.36	20.97 0.27 -1.38	22.19 0.30 -2.13	25.53 0.39 -3.20	32.78 0.64 -1.63	38.48 0.92 -3.51	31.47 0.67 -0.22	28.51 0.53 -0.29	29.95 0.40 -1.19	30.03 0.37 -1.19	30.28 0.37 -1.20	30.74 0.35 -1.21	31.50 0.42 -1.21	33.94 0.67 -1.23	36.77 0.88 0.92	41.20 1.20 0.00	45.65 1.92 0.00	39.95 1.65 0.00	36.09 1.42 0.00	31.93 1.26 0.00	29.56 1.08 0.00	27.16 0.97 0.00
CAITHNESS_CC_1 323624	24.72 2.27 0.00	22.93 1.82 0.00	21.43 1.66 0.00	20.78 1.45 0.00	21.26 1.50 0.00	23.87 1.93 0.00	32.58 2.08 0.00	35.99 1.94 0.00	33.94 3.36 0.00	30.95 3.27 0.00	31.42 3.04 -0.01	31.53 3.05 -0.01	31.69 2.99 0.00	32.26 3.09 0.00	32.71 2.84 0.00	34.64 2.59 0.00	39.83 3.02 0.00	43.60 3.60 0.00	47.05 3.32 0.00	40.48 2.18 0.00	36.57 1.91 0.00	32.66 1.99 0.00	30.62 2.14 0.00	27.92 1.73 0.00
CALPINE BETH_PAGE_GT4 24209	24.50 2.04 0.00	22.77 1.65 0.00	21.31 1.54 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.69 1.75 0.00	32.61 2.10 0.00	36.27 2.21 0.00	33.67 3.09 0.00	30.76 3.07 0.00	31.33 2.95 -0.01	31.36 2.88 -0.01	31.64 2.93 0.00	32.09 2.92 0.00	32.62 2.75 0.00	34.60 2.56 0.00	39.76 2.95 0.00	43.28 3.28 0.00	46.87 3.15 0.00	40.45 2.14 0.00	36.57 1.91 0.00	32.69 2.02 0.00	30.56 2.08 0.00	27.85 1.65 0.00
CALPINE_BETH_PAGE_GT_4 323586	24.50 2.04 0.00	22.79 1.67 0.00	21.29 1.52 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.69 1.76 0.00	32.61 2.10 0.00	36.13 2.08 0.00	33.82 3.24 0.00	30.81 3.13 0.00	31.33 2.95 -0.01	31.39 2.91 -0.01	31.67 2.96 0.00	32.23 3.06 0.00	32.71 2.84 0.00	34.61 2.56 0.00	39.72 2.91 0.00	43.28 3.28 0.00	46.87 3.15 0.00	40.45 2.14 0.00	36.57 1.91 0.00	32.69 2.02 0.00	30.56 2.08 0.00	27.85 1.65 0.00
CALPINE_BP_GT1 23823	24.50 2.04 0.00	22.79 1.67 0.00	21.29 1.52 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.69 1.76 0.00	32.61 2.10 0.00	36.13 2.08 0.00	33.82 3.24 0.00	30.81 3.13 0.00	31.33 2.95 -0.01	31.39 2.91 -0.01	31.67 2.96 0.00	32.23 3.06 0.00	32.71 2.84 0.00	34.61 2.56 0.00	39.72 2.91 0.00	43.28 3.28 0.00	46.87 3.15 0.00	40.45 2.14 0.00	36.57 1.91 0.00	32.69 2.02 0.00	30.56 2.08 0.00	27.85 1.65 0.00
CALSPAN___DRP 24200	20.61 -1.84 0.00	19.18 -1.94 0.00	17.97 -1.80 0.00	17.53 -1.80 0.00	18.08 -1.68 0.00	20.01 -1.93 0.00	28.28 -2.23 0.00	30.75 -3.30 0.00	28.32 -2.26 0.00	25.72 -1.97 0.00	26.18 -2.18 0.00	26.62 -1.85 0.00	26.87 -1.84 0.00	27.30 -1.87 0.00	27.60 -2.27 0.00	29.64 -2.40 0.00	33.94 -2.87 0.00	36.60 -3.40 0.00	40.05 -3.67 0.00	35.85 -2.45 0.00	32.03 -2.63 0.00	28.86 -1.81 0.00	27.17 -1.31 0.00	25.91 -0.29 0.00

CALVERTON___SOLAR 323806	24.83 2.38 0.00	23.04 1.92 0.00	21.51 1.74 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.95 2.02 0.00	32.70 2.20 0.00	36.20 2.15 0.00	34.13 3.55 0.00	31.12 3.43 0.00	31.58 3.20 -0.01	31.73 3.24 -0.01	31.87 3.16 0.00	32.44 3.27 0.00	32.89 3.02 0.00	34.86 2.82 0.00	40.13 3.31 0.00	43.92 3.92 0.00	47.40 3.67 0.00	40.72 2.41 0.00	36.78 2.11 0.00	32.85 2.18 0.00	30.73 2.25 0.00	28.05 1.86 0.00
CANDIGU_WT_PWR 323617	20.90 -1.55 0.00	19.58 -1.54 0.00	18.32 -1.44 0.00	17.88 -1.45 0.00	18.40 -1.36 0.00	20.40 -1.54 0.00	28.74 -1.77 0.00	31.74 -2.32 0.00	28.75 -1.83 0.00	26.02 -1.66 0.00	26.41 -1.96 0.00	26.65 -1.82 0.00	26.99 -1.72 0.00	27.30 -1.87 0.00	27.99 -1.88 0.00	30.05 -1.99 0.00	34.68 -2.14 0.00	37.72 -2.28 0.00	41.36 -2.36 0.00	36.69 -1.61 0.00	32.93 -1.73 0.00	29.47 -1.20 0.00	27.66 -0.83 0.00	25.93 -0.26 0.00
CARR STREET_E_SYR 24060	22.00 -0.45 0.00	20.70 -0.42 0.00	19.37 -0.40 0.00	18.92 -0.41 0.00	19.36 -0.40 0.00	21.52 -0.42 0.00	30.02 -0.49 0.00	33.40 -0.65 0.00	30.06 -0.52 0.00	27.21 -0.47 0.00	27.74 -0.62 0.00	27.87 -0.60 0.00	28.14 -0.57 0.00	28.56 -0.61 0.00	29.27 -0.60 0.00	31.37 -0.67 0.00	36.04 -0.77 0.00	39.20 -0.80 0.00	42.85 -0.87 0.00	37.57 -0.73 0.00	33.90 -0.76 0.00	30.06 -0.61 0.00	27.94 -0.54 0.00	25.72 -0.47 0.00
CARTHAGE___PAPER 23857	24.21 0.18 -1.58	24.71 0.21 -3.38	21.60 0.16 -1.68	21.22 0.17 -1.72	23.11 0.20 -3.15	27.47 0.33 -5.21	33.06 0.64 -1.91	40.47 1.02 -5.40	30.33 0.55 0.80	27.46 0.33 0.56	29.62 0.11 -1.14	29.66 0.06 -1.13	29.92 0.06 -1.15	30.36 0.03 -1.16	31.10 0.09 -1.14	33.53 0.39 -1.10	34.92 0.66 2.55	41.20 1.20 0.00	46.00 2.27 0.00	40.29 1.99 0.00	36.33 1.66 0.00	32.14 1.47 0.00	29.73 1.25 0.00	27.32 1.13 0.00
CASSADAGA_WT_PWR 323784	20.32 -2.13 0.00	18.73 -2.39 0.00	17.51 -2.25 0.00	17.09 -2.24 0.00	17.66 -2.09 0.00	19.57 -2.37 0.00	27.76 -2.75 0.00	30.48 -3.58 0.00	27.80 -2.78 0.00	25.19 -2.49 0.00	25.73 -2.64 0.00	26.05 -2.42 0.00	26.44 -2.27 0.00	26.78 -2.39 0.00	27.48 -2.39 0.00	29.51 -2.53 0.00	33.98 -2.83 0.00	37.00 -3.00 0.00	40.80 -2.93 0.00	36.73 -1.57 0.00	32.83 -1.84 0.00	29.63 -1.04 0.00	27.91 -0.57 0.00	26.56 0.37 0.00
CE_DUNWOOD___DRP 24194	23.89 1.44 0.00	22.39 1.27 0.00	20.97 1.21 0.00	20.45 1.12 0.00	20.90 1.15 0.00	23.25 1.32 0.00	32.31 1.80 0.00	36.40 2.35 0.00	33.15 2.57 0.00	30.04 2.35 0.00	30.64 2.27 0.00	30.72 2.25 0.00	31.03 2.33 0.00	31.53 2.36 0.00	32.26 2.39 0.00	34.54 2.50 0.00	39.65 2.83 0.00	42.88 2.88 0.00	46.65 2.93 0.00	40.68 2.37 0.00	36.85 2.18 0.00	32.36 1.69 0.00	30.05 1.57 0.00	27.43 1.23 0.00
CE_MILLWOOD___DRP 24193	23.84 1.39 0.00	22.34 1.22 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.88 1.13 0.00	23.21 1.27 0.00	32.28 1.77 0.00	36.33 2.28 0.00	33.09 2.51 0.00	29.96 2.27 0.00	30.58 2.21 0.00	30.66 2.19 0.00	30.95 2.24 0.00	31.48 2.30 0.00	32.20 2.33 0.00	34.48 2.44 0.00	39.57 2.76 0.00	42.80 2.80 0.00	46.61 2.89 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.29 1.63 0.00	29.99 1.51 0.00	27.37 1.18 0.00
CE_NYC2_DRP 24202	24.16 1.71 0.00	22.64 1.52 0.00	21.19 1.42 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.46 1.95 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.92 2.55 0.00	30.98 2.51 0.00	31.32 2.61 0.00	31.86 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.94 3.13 0.00	43.08 3.08 0.00	46.79 3.06 0.00	40.79 2.49 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.36 1.88 0.00	27.71 1.52 0.00
CE_NYC_DRP 24195	24.09 1.64 0.00	22.58 1.46 0.00	21.13 1.36 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.43 1.49 0.00	32.55 2.04 0.00	36.74 2.69 0.00	33.49 2.91 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.38 2.67 0.00	31.91 2.74 0.00	32.65 2.78 0.00	34.92 2.88 0.00	40.09 3.28 0.00	43.24 3.24 0.00	47.05 3.32 0.00	41.02 2.72 0.00	37.19 2.53 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.66 1.47 0.00
CHAFFEE___LFGE 323603	20.68 -1.77 0.00	19.26 -1.86 0.00	18.05 -1.72 0.00	17.59 -1.74 0.00	18.16 -1.60 0.00	20.12 -1.82 0.00	28.43 -2.08 0.00	31.12 -2.93 0.00	28.44 -2.14 0.00	25.78 -1.91 0.00	26.33 -2.04 0.00	26.68 -1.79 0.00	27.02 -1.69 0.00	27.25 -1.93 0.00	27.90 -1.97 0.00	29.80 -2.24 0.00	34.13 -2.69 0.00	36.88 -3.12 0.00	40.40 -3.32 0.00	36.04 -2.26 0.00	32.17 -2.50 0.00	28.98 -1.69 0.00	27.29 -1.20 0.00	25.98 -0.21 0.00
CHATEAUG_35_KV_LOAD 355732	-7.38 -0.94 28.89	-8.13 -0.84 28.40	-7.42 -0.79 26.40	-7.47 -0.77 26.02	-8.05 -0.79 27.02	-7.89 -0.79 29.04	-6.40 -1.07 35.83	-7.66 -1.06 40.65	-5.85 -1.41 35.02	-5.93 -1.27 32.34	-6.17 -1.16 33.38	-6.22 -1.22 33.47	-6.28 -1.21 33.79	-6.29 -1.23 34.24	-6.23 -1.22 34.88	-5.95 -1.22 36.77	14.07 -1.18 21.56	39.08 -0.92 0.00	43.24 -0.48 0.00	38.11 -0.19 0.00	34.73 0.07 0.00	30.85 0.18 0.00	28.71 0.23 0.00	26.59 0.39 0.00
CHATEAUG_WT_PWR 323614	-7.00 -0.99 28.47	-7.02 -0.91 27.24	-7.00 -0.85 25.92	-7.00 -0.81 25.52	-7.02 -0.85 25.93	-6.16 -0.99 27.11	-6.16 -1.34 35.33	-6.05 -1.36 38.74	-6.60 -1.56 35.63	-6.58 -1.44 32.82	-6.16 -1.36 33.17	-6.21 -1.42 33.26	-6.29 -1.43 33.57	-6.28 -1.43 34.03	-6.27 -1.46 34.68	-6.07 -1.51 36.60	12.59 -1.44 22.79	38.80 -1.20 0.00	42.94 -0.79 0.00	37.88 -0.42 0.00	34.53 -0.14 0.00	30.70 0.03 0.00	28.65 0.17 0.00	26.53 0.34 0.00
CHAT_HIGH_FALL_HYD 323578	-7.38 -0.94 28.89	-8.13 -0.84 28.40	-7.42 -0.79 26.40	-7.47 -0.77 26.02	-8.05 -0.79 27.02	-7.89 -0.79 29.04	-6.40 -1.07 35.83	-7.66 -1.06 40.65	-5.85 -1.41 35.02	-5.93 -1.27 32.34	-6.17 -1.16 33.38	-6.22 -1.22 33.47	-6.28 -1.21 33.79	-6.29 -1.23 34.24	-6.23 -1.22 34.88	-5.95 -1.22 36.77	14.07 -1.18 21.56	39.08 -0.92 0.00	43.24 -0.48 0.00	38.11 -0.19 0.00	34.73 0.07 0.00	30.85 0.18 0.00	28.71 0.23 0.00	26.59 0.39 0.00
CHAUTAUQUA___LFGE 323629	20.50 -1.95 0.00	19.05 -2.07 0.00	17.85 -1.92 0.00	17.40 -1.93 0.00	17.96 -1.80 0.00	19.92 -2.02 0.00	28.16 -2.35 0.00	30.85 -3.20 0.00	28.16 -2.42 0.00	25.53 -2.16 0.00	26.01 -2.35 0.00	26.37 -2.11 0.00	26.73 -1.98 0.00	27.01 -2.16 0.00	27.66 -2.21 0.00	29.64 -2.40 0.00	34.05 -2.76 0.00	36.96 -3.04 0.00	40.53 -3.19 0.00	36.43 -1.88 0.00	32.52 -2.15 0.00	29.32 -1.35 0.00	27.63 -0.85 0.00	26.27 0.08 0.00
CHERRYST_13_KV_LD 356241	24.16 1.71 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.47 1.54 0.00	32.64 2.14 0.00	36.85 2.79 0.00	33.58 3.00 0.00	30.45 2.77 0.00	31.06 2.70 0.00	31.15 2.68 0.00	31.49 2.78 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.24 3.42 0.00	43.40 3.40 0.00	47.18 3.45 0.00	41.14 2.83 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.39 1.91 0.00	27.71 1.52 0.00

CHESTROR_138KV_BK263 355645	23.71 1.26 0.00	22.24 1.12 0.00	20.83 1.07 0.00	20.31 0.99 0.00	20.81 1.05 0.00	23.10 1.16 0.00	32.12 1.62 0.00	36.16 2.11 0.00	32.87 2.29 0.00	29.73 2.05 0.00	30.33 1.96 0.00	30.38 1.91 0.00	30.66 1.95 0.00	31.16 1.98 0.00	31.90 2.03 0.00	34.22 2.18 0.00	39.32 2.50 0.00	42.60 2.60 0.00	46.39 2.67 0.00	40.45 2.14 0.00	36.61 1.94 0.00	32.14 1.47 0.00	29.85 1.37 0.00	27.27 1.07 0.00
CH_MIDHUDSON___DRP 24192	23.75 1.30 0.00	22.30 1.18 0.00	20.89 1.13 0.00	20.37 1.04 0.00	20.85 1.09 0.00	23.14 1.21 0.00	32.15 1.65 0.00	36.20 2.15 0.00	32.93 2.35 0.00	29.82 2.13 0.00	30.41 2.04 0.00	30.47 1.99 0.00	30.78 2.07 0.00	31.27 2.10 0.00	32.02 2.15 0.00	34.32 2.27 0.00	39.39 2.58 0.00	42.64 2.64 0.00	46.35 2.62 0.00	40.41 2.11 0.00	36.61 1.94 0.00	32.17 1.50 0.00	29.85 1.37 0.00	27.27 1.07 0.00
CH_MISC_IPPS 23765	23.82 1.37 0.00	22.36 1.25 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.90 1.15 0.00	23.21 1.27 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.06 2.48 0.00	29.96 2.27 0.00	30.52 2.16 0.00	30.58 2.11 0.00	30.86 2.15 0.00	31.39 2.22 0.00	32.14 2.27 0.00	34.45 2.40 0.00	39.54 2.72 0.00	42.80 2.80 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.37 1.18 0.00
CH_RES_BVR_FALLS 23983	0.31 -0.54 21.60	8.84 -0.53 11.75	0.74 -0.49 18.53	0.93 -0.48 17.91	7.75 -0.51 11.50	20.45 -0.57 0.92	4.06 -0.82 25.62	21.63 -0.89 11.54	-9.63 -0.80 39.42	-8.48 -0.75 35.42	0.40 -0.71 27.26	0.37 -0.71 27.39	0.40 -0.72 27.59	0.41 -0.76 28.00	0.39 -0.72 28.77	0.42 -0.77 30.86	0.48 -0.92 35.41	39.08 -0.92 0.00	42.89 -0.83 0.00	37.69 -0.61 0.00	34.25 -0.41 0.00	30.39 -0.28 0.00	28.28 -0.20 0.00	26.06 -0.13 0.00
CH_RES_NIAGARA 23895	19.92 -2.54 0.00	18.58 -2.53 0.00	17.39 -2.37 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.35 -2.59 0.00	27.27 -3.23 0.00	29.49 -4.56 0.00	27.28 -3.30 0.00	24.81 -2.88 0.00	25.28 -3.09 0.00	25.77 -2.70 0.00	25.98 -2.73 0.00	26.37 -2.80 0.00	26.61 -3.26 0.00	28.55 -3.49 0.00	32.62 -4.20 0.00	35.12 -4.88 0.00	38.39 -5.33 0.00	34.36 -3.95 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
CH_RES_SYRACUSE 23985	22.12 -0.34 0.00	20.80 -0.32 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.46 -0.30 0.00	21.61 -0.33 0.00	30.17 -0.33 0.00	33.58 -0.48 0.00	30.18 -0.40 0.00	27.35 -0.33 0.00	27.89 -0.48 0.00	28.02 -0.46 0.00	28.25 -0.46 0.00	28.70 -0.47 0.00	29.39 -0.48 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.65 0.00	37.77 -0.54 0.00	34.11 -0.56 0.00	30.21 -0.46 0.00	28.11 -0.37 0.00	25.85 -0.34 0.00
CLINTON_WT_PWR 323605	-7.00 -0.99 28.47	-7.02 -0.91 27.24	-7.00 -0.85 25.92	-7.00 -0.81 25.52	-7.02 -0.85 25.93	-6.16 -0.99 27.11	-6.16 -1.34 35.33	-6.05 -1.36 38.74	-6.60 -1.56 35.63	-6.58 -1.44 32.82	-6.16 -1.36 33.17	-6.21 -1.42 33.26	-6.29 -1.43 33.57	-6.28 -1.43 34.03	-6.27 -1.46 34.68	-6.07 -1.51 36.60	12.59 -1.44 22.79	38.80 -1.20 0.00	42.94 -0.79 0.00	37.88 -0.42 0.00	34.53 -0.14 0.00	30.70 0.03 0.00	28.65 0.17 0.00	26.53 0.34 0.00
CLINTON___LFGE 323618	-6.86 -0.74 28.58	-7.08 -0.65 27.54	-6.89 -0.61 26.04	-6.92 -0.60 25.65	-7.05 -0.59 26.22	-6.70 -0.88 27.76	-6.15 -1.10 35.56	-6.38 -1.02 39.41	-6.19 -1.34 35.42	-6.25 -1.27 32.66	-6.20 -1.33 33.24	-6.23 -1.37 33.33	-6.28 -1.35 33.64	-6.24 -1.31 34.10	-6.22 -1.34 34.75	-6.03 -1.41 36.66	13.23 -1.21 22.37	39.20 -0.80 0.00	43.46 -0.26 0.00	38.46 0.15 0.00	35.11 0.45 0.00	31.19 0.52 0.00	29.08 0.60 0.00	26.98 0.79 0.00
COBBLENY_34_KV_TB1 80064	20.68 -1.77 0.00	19.24 -1.88 0.00	18.03 -1.74 0.00	17.59 -1.74 0.00	18.16 -1.60 0.00	20.09 -1.84 0.00	28.43 -2.07 0.00	30.95 -3.10 0.00	28.50 -2.08 0.00	25.86 -1.83 0.00	26.33 -2.04 0.00	26.76 -1.71 0.00	27.02 -1.69 0.00	27.45 -1.72 0.00	27.75 -2.12 0.00	29.80 -2.24 0.00	34.13 -2.69 0.00	36.80 -3.20 0.00	40.27 -3.45 0.00	36.04 -2.26 0.00	32.17 -2.50 0.00	28.98 -1.69 0.00	27.29 -1.20 0.00	25.99 -0.21 0.00
COFFEEN___115KV_TB3 355620	24.19 0.40 -1.33	24.36 0.42 -2.82	21.53 0.36 -1.41	21.14 0.37 -1.45	22.78 0.40 -2.63	26.81 0.55 -4.33	33.07 0.95 -1.61	39.91 1.36 -4.50	30.80 0.86 0.63	27.89 0.64 0.44	29.74 0.40 -0.97	29.78 0.34 -0.97	30.07 0.37 -0.98	30.48 0.32 -0.99	31.20 0.36 -0.97	33.66 0.67 -0.94	35.68 0.96 2.09	41.48 1.48 0.00	46.30 2.58 0.00	40.56 2.26 0.00	36.54 1.87 0.00	32.36 1.69 0.00	29.91 1.42 0.00	27.48 1.28 0.00
COLDSPRG_115KV_BK1 355956	21.11 -1.35 0.00	19.51 -1.60 0.00	18.28 -1.48 0.00	17.86 -1.47 0.00	18.45 -1.30 0.00	20.45 -1.49 0.00	29.07 -1.43 0.00	31.84 -2.21 0.00	29.17 -1.41 0.00	26.44 -1.25 0.00	26.87 -1.50 0.00	27.25 -1.22 0.00	27.56 -1.15 0.00	28.03 -1.14 0.00	28.38 -1.49 0.00	30.57 -1.47 0.00	34.94 -1.88 0.00	37.88 -2.12 0.00	41.54 -2.19 0.00	37.34 -0.96 0.00	33.31 -1.35 0.00	29.96 -0.71 0.00	28.23 -0.26 0.00	26.77 0.58 0.00
COLONIE_LFGE___ 323577	23.62 1.17 0.00	22.22 1.10 0.00	20.77 1.01 0.00	20.31 0.99 0.00	20.75 0.99 0.00	23.03 1.10 0.00	32.00 1.49 0.00	35.86 1.80 0.00	32.45 1.87 0.00	29.35 1.66 0.00	29.90 1.53 0.00	30.01 1.54 0.00	30.20 1.49 0.00	30.66 1.49 0.00	31.42 1.55 0.00	33.71 1.67 0.00	38.76 1.95 0.00	42.08 2.08 0.00	45.87 2.14 0.00	40.06 1.76 0.00	36.29 1.63 0.00	32.02 1.35 0.00	29.68 1.20 0.00	27.19 1.00 0.00
COOPERNY_115KV_TB1 80082	23.19 0.74 0.00	21.77 0.65 0.00	20.40 0.63 0.00	19.93 0.60 0.00	20.37 0.61 0.00	22.64 0.70 0.00	31.48 0.98 0.00	35.31 1.26 0.00	31.96 1.38 0.00	28.93 1.25 0.00	29.53 1.16 0.00	29.64 1.17 0.00	29.91 1.21 0.00	30.40 1.23 0.00	31.13 1.25 0.00	33.35 1.31 0.00	38.29 1.47 0.00	41.52 1.52 0.00	45.30 1.57 0.00	39.57 1.26 0.00	35.81 1.14 0.00	31.56 0.89 0.00	29.31 0.83 0.00	26.85 0.65 0.00
COPENHAGEN_WT_PWR 323753	23.92 0.20 -1.27	24.00 0.21 -2.67	21.28 0.18 -1.34	20.89 0.19 -1.37	22.45 0.20 -2.49	26.34 0.31 -4.09	32.65 0.61 -1.53	39.26 0.95 -4.26	30.51 0.52 0.59	27.64 0.36 0.40	29.44 0.14 -0.93	29.51 0.11 -0.92	29.76 0.12 -0.94	30.18 0.06 -0.94	30.92 0.12 -0.93	33.30 0.35 -0.90	35.40 0.55 1.97	41.00 1.00 0.00	45.65 1.92 0.00	39.99 1.68 0.00	36.01 1.35 0.00	31.90 1.23 0.00	29.51 1.02 0.00	27.14 0.94 0.00
CORNELL_____ 23752	22.50 0.04 0.00	21.14 0.02 0.00	19.77 0.00 0.00	19.33 0.00 0.00	19.80 0.04 0.00	22.00 0.07 0.00	30.84 0.34 0.00	34.39 0.34 0.00	30.79 0.21 0.00	27.85 0.17 0.00	28.26 -0.11 0.00	28.42 -0.06 0.00	28.65 -0.06 0.00	29.11 -0.06 0.00	29.81 -0.06 0.00	32.04 0.00 0.00	36.92 0.11 0.00	40.24 0.24 0.00	44.07 0.35 0.00	38.72 0.42 0.00	34.91 0.24 0.00	30.94 0.28 0.00	28.80 0.31 0.00	26.54 0.34 0.00

CORONA V_69_KV_TB1 355595	24.38 1.93 0.00	22.70 1.58 0.00	21.25 1.48 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.60 1.67 0.00	32.55 2.04 0.00	36.27 2.21 0.00	33.61 3.03 0.00	30.65 2.96 0.00	31.23 2.84 -0.02	31.23 2.73 -0.02	31.58 2.87 0.00	32.04 2.86 0.00	32.59 2.72 0.00	34.70 2.66 0.00	39.80 2.98 0.00	43.24 3.24 0.00	46.87 3.15 0.00	40.52 2.22 0.00	36.71 2.05 0.00	32.67 1.99 0.00	30.48 1.99 0.00	27.79 1.60 0.00
CORTLAND_115KV_TB3 80093	22.39 -0.07 0.00	21.03 -0.08 0.00	19.67 -0.10 0.00	19.23 -0.10 0.00	19.70 -0.06 0.00	21.89 -0.04 0.00	30.63 0.12 0.00	34.12 0.07 0.00	30.64 0.06 0.00	27.71 0.03 0.00	28.20 -0.17 0.00	28.33 -0.14 0.00	28.59 -0.11 0.00	29.06 -0.12 0.00	29.72 -0.15 0.00	31.91 -0.13 0.00	36.74 -0.07 0.00	39.96 -0.04 0.00	43.77 0.04 0.00	38.42 0.11 0.00	34.66 0.00 0.00	30.70 0.03 0.00	28.57 0.09 0.00	26.33 0.13 0.00
COXSACKIE__GT 23611	23.73 1.28 0.00	22.41 1.29 0.00	20.97 1.21 0.00	20.49 1.16 0.00	20.98 1.23 0.00	23.21 1.27 0.00	32.34 1.83 0.00	36.27 2.21 0.00	32.69 2.11 0.00	29.37 1.69 0.00	29.76 1.39 0.00	29.64 1.17 0.00	29.83 1.12 0.00	30.25 1.08 0.00	31.10 1.23 0.00	33.55 1.51 0.00	38.80 1.99 0.00	42.60 2.60 0.00	46.48 2.76 0.00	40.56 2.26 0.00	36.64 1.97 0.00	32.32 1.65 0.00	29.88 1.40 0.00	27.40 1.21 0.00
CPV_VALLEY__CC1 323721	23.44 0.99 0.00	22.00 0.89 0.00	20.60 0.83 0.00	20.10 0.77 0.00	20.55 0.79 0.00	22.84 0.90 0.00	31.76 1.25 0.00	35.65 1.60 0.00	32.41 1.83 0.00	29.35 1.66 0.00	29.93 1.56 0.00	30.04 1.56 0.00	30.29 1.58 0.00	30.80 1.63 0.00	31.51 1.64 0.00	33.77 1.73 0.00	38.76 1.95 0.00	42.00 2.00 0.00	45.74 2.01 0.00	39.95 1.65 0.00	36.15 1.49 0.00	31.80 1.14 0.00	29.54 1.05 0.00	27.01 0.81 0.00
CPV_VALLEY__CC2 323722	23.44 0.99 0.00	22.00 0.89 0.00	20.60 0.83 0.00	20.10 0.77 0.00	20.55 0.79 0.00	22.84 0.90 0.00	31.76 1.25 0.00	35.65 1.60 0.00	32.41 1.83 0.00	29.35 1.66 0.00	29.93 1.56 0.00	30.04 1.56 0.00	30.29 1.58 0.00	30.80 1.63 0.00	31.51 1.64 0.00	33.77 1.73 0.00	38.76 1.95 0.00	42.00 2.00 0.00	45.74 2.01 0.00	39.95 1.65 0.00	36.15 1.49 0.00	31.80 1.14 0.00	29.54 1.05 0.00	27.01 0.81 0.00
CRESCENT__HYD 24018	23.62 1.17 0.00	22.22 1.10 0.00	20.77 1.01 0.00	20.31 0.99 0.00	20.75 0.99 0.00	23.03 1.10 0.00	32.00 1.49 0.00	35.86 1.80 0.00	32.45 1.87 0.00	29.35 1.66 0.00	29.90 1.53 0.00	30.01 1.54 0.00	30.20 1.49 0.00	30.66 1.49 0.00	31.42 1.55 0.00	33.71 1.67 0.00	38.76 1.95 0.00	42.08 2.08 0.00	45.87 2.14 0.00	40.06 1.76 0.00	36.29 1.63 0.00	32.02 1.35 0.00	29.68 1.20 0.00	27.19 1.00 0.00
CRICKET__VALLEY_CC1 323756	23.66 1.21 0.00	22.22 1.10 0.00	20.79 1.03 0.00	20.29 0.97 0.00	20.77 1.01 0.00	23.06 1.12 0.00	31.97 1.46 0.00	35.92 1.87 0.00	32.69 2.11 0.00	29.62 1.94 0.00	30.24 1.87 0.00	30.35 1.88 0.00	30.57 1.87 0.00	31.13 1.95 0.00	31.84 1.97 0.00	34.12 2.08 0.00	39.13 2.32 0.00	42.32 2.32 0.00	46.04 2.32 0.00	40.14 1.84 0.00	36.40 1.73 0.00	31.99 1.32 0.00	29.68 1.20 0.00	27.14 0.94 0.00
CRICKET__VALLEY_CC2 323757	23.66 1.21 0.00	22.22 1.10 0.00	20.79 1.03 0.00	20.29 0.97 0.00	20.77 1.01 0.00	23.06 1.12 0.00	31.97 1.46 0.00	35.92 1.87 0.00	32.69 2.11 0.00	29.62 1.94 0.00	30.24 1.87 0.00	30.35 1.88 0.00	30.57 1.87 0.00	31.13 1.95 0.00	31.84 1.97 0.00	34.12 2.08 0.00	39.13 2.32 0.00	42.32 2.32 0.00	46.04 2.32 0.00	40.14 1.84 0.00	36.40 1.73 0.00	31.99 1.32 0.00	29.68 1.20 0.00	27.14 0.94 0.00
CRICKET__VALLEY_CC3 323758	23.66 1.21 0.00	22.22 1.10 0.00	20.79 1.03 0.00	20.29 0.97 0.00	20.77 1.01 0.00	23.06 1.12 0.00	31.97 1.46 0.00	35.92 1.87 0.00	32.69 2.11 0.00	29.62 1.94 0.00	30.24 1.87 0.00	30.35 1.88 0.00	30.57 1.87 0.00	31.13 1.95 0.00	31.84 1.97 0.00	34.12 2.08 0.00	39.13 2.32 0.00	42.32 2.32 0.00	46.04 2.32 0.00	40.14 1.84 0.00	36.40 1.73 0.00	31.99 1.32 0.00	29.68 1.20 0.00	27.14 0.94 0.00
CRUCIBLE_METL_DRP 24180	22.12 -0.34 0.00	20.80 -0.32 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.46 -0.30 0.00	21.61 -0.33 0.00	30.17 -0.34 0.00	33.58 -0.48 0.00	30.21 -0.37 0.00	27.38 -0.30 0.00	27.89 -0.48 0.00	28.02 -0.46 0.00	28.25 -0.46 0.00	28.73 -0.44 0.00	29.39 -0.48 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.77 -0.54 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.11 -0.37 0.00	25.85 -0.34 0.00
DAHOWA__HYDRO 323763	23.98 1.53 0.00	22.60 1.48 0.00	21.07 1.30 0.00	20.58 1.26 0.00	21.04 1.28 0.00	23.38 1.45 0.00	32.31 1.80 0.00	36.20 2.15 0.00	32.69 2.11 0.00	29.54 1.86 0.00	30.01 1.64 0.00	30.01 1.54 0.00	30.14 1.43 0.00	30.57 1.40 0.00	31.33 1.46 0.00	33.67 1.63 0.00	38.76 1.95 0.00	42.32 2.32 0.00	46.22 2.49 0.00	40.33 2.03 0.00	36.50 1.84 0.00	32.20 1.53 0.00	29.85 1.37 0.00	27.35 1.15 0.00
DANC__LFGE 323619	23.29 -0.07 -0.90	22.93 -0.04 -1.85	20.66 -0.06 -0.95	20.26 -0.04 -0.97	21.45 -0.04 -1.73	24.75 0.00 -2.81	31.72 0.12 -1.09	37.26 0.27 -2.94	30.30 0.06 0.34	27.47 0.00 0.22	28.88 -0.17 -0.68	28.95 -0.20 -0.68	29.20 -0.20 -0.69	29.63 -0.23 -0.69	30.35 -0.21 -0.68	32.64 -0.06 -0.67	35.52 0.00 1.29	40.20 0.20 0.00	44.47 0.74 0.00	38.99 0.69 0.00	35.15 0.49 0.00	31.16 0.49 0.00	28.88 0.40 0.00	26.56 0.37 0.00
DANSKAMMER__1 23586	23.82 1.37 0.00	22.36 1.25 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.90 1.15 0.00	23.21 1.27 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.06 2.48 0.00	29.96 2.27 0.00	30.52 2.16 0.00	30.58 2.11 0.00	30.86 2.15 0.00	31.39 2.22 0.00	32.14 2.27 0.00	34.45 2.40 0.00	39.54 2.72 0.00	42.80 2.80 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.37 1.18 0.00
DANSKAMMER__2 23589	23.82 1.37 0.00	22.36 1.25 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.90 1.15 0.00	23.21 1.27 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.06 2.48 0.00	29.96 2.27 0.00	30.52 2.16 0.00	30.58 2.11 0.00	30.86 2.15 0.00	31.39 2.22 0.00	32.14 2.27 0.00	34.45 2.40 0.00	39.54 2.72 0.00	42.80 2.80 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.37 1.18 0.00
DANSKAMMER__3 23590	23.82 1.37 0.00	22.36 1.25 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.90 1.15 0.00	23.21 1.27 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.06 2.48 0.00	29.96 2.27 0.00	30.52 2.16 0.00	30.58 2.11 0.00	30.86 2.15 0.00	31.39 2.22 0.00	32.14 2.27 0.00	34.45 2.40 0.00	39.54 2.72 0.00	42.80 2.80 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.37 1.18 0.00

DANSKAMMER___4 23591	23.82 1.37 0.00	22.36 1.25 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.90 1.15 0.00	23.21 1.27 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.06 2.48 0.00	29.96 2.27 0.00	30.52 2.16 0.00	30.58 2.11 0.00	30.86 2.15 0.00	31.39 2.22 0.00	32.14 2.27 0.00	34.45 2.40 0.00	39.54 2.72 0.00	42.80 2.80 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.37 1.18 0.00
DANSKAMMER___DIESEL 23592	23.82 1.37 0.00	22.34 1.22 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.90 1.15 0.00	23.21 1.27 0.00	32.24 1.74 0.00	36.33 2.28 0.00	33.06 2.48 0.00	29.93 2.24 0.00	30.53 2.16 0.00	30.55 2.08 0.00	30.86 2.15 0.00	31.36 2.19 0.00	32.14 2.27 0.00	34.44 2.40 0.00	39.54 2.72 0.00	42.84 2.84 0.00	46.61 2.89 0.00	40.64 2.34 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.37 1.18 0.00
DARBY___SOLAR 323810	23.89 1.44 0.00	22.49 1.37 0.00	20.99 1.23 0.00	20.53 1.20 0.00	20.96 1.21 0.00	23.30 1.36 0.00	32.21 1.71 0.00	36.10 2.04 0.00	32.60 2.02 0.00	29.46 1.77 0.00	29.96 1.59 0.00	30.01 1.54 0.00	30.14 1.43 0.00	30.57 1.40 0.00	31.33 1.46 0.00	33.64 1.60 0.00	38.73 1.91 0.00	42.24 2.24 0.00	46.13 2.40 0.00	40.25 1.95 0.00	36.43 1.77 0.00	32.14 1.47 0.00	29.79 1.31 0.00	27.29 1.10 0.00
DASHVILLE___HYD 23610	23.53 1.08 0.00	22.07 0.95 0.00	20.68 0.91 0.00	20.16 0.83 0.00	20.65 0.89 0.00	22.90 0.97 0.00	31.79 1.28 0.00	35.82 1.77 0.00	32.57 1.99 0.00	29.51 1.83 0.00	30.13 1.76 0.00	30.18 1.71 0.00	30.49 1.78 0.00	30.98 1.81 0.00	31.72 1.85 0.00	34.00 1.95 0.00	39.02 2.21 0.00	42.24 2.24 0.00	45.95 2.23 0.00	40.06 1.76 0.00	36.26 1.59 0.00	31.86 1.20 0.00	29.59 1.11 0.00	27.03 0.84 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.92 2.47 0.00	23.08 1.96 0.00	21.60 1.84 0.00	20.89 1.57 0.00	21.38 1.62 0.00	24.02 2.08 0.00	32.79 2.29 0.00	36.54 2.49 0.00	34.16 3.58 0.00	31.26 3.57 0.00	31.73 3.35 -0.01	31.90 3.42 -0.01	31.98 3.27 0.00	32.44 3.27 0.00	32.86 2.99 0.00	34.99 2.95 0.00	40.38 3.57 0.00	44.24 4.24 0.00	47.57 3.85 0.00	40.87 2.57 0.00	36.78 2.11 0.00	32.88 2.21 0.00	30.68 2.19 0.00	28.13 1.94 0.00
DELAWARE___LFGE 323621	22.97 0.52 0.00	21.58 0.46 0.00	20.20 0.43 0.00	19.77 0.44 0.00	20.21 0.45 0.00	22.46 0.53 0.00	31.30 0.79 0.00	35.04 0.99 0.00	31.59 1.01 0.00	28.63 0.94 0.00	29.19 0.82 0.00	29.30 0.83 0.00	29.57 0.86 0.00	30.02 0.85 0.00	30.74 0.87 0.00	33.00 0.96 0.00	37.92 1.10 0.00	41.12 1.12 0.00	44.99 1.27 0.00	39.37 1.07 0.00	35.60 0.94 0.00	31.47 0.80 0.00	29.19 0.71 0.00	26.85 0.65 0.00
DERFIELD_115KV_TB7 355931	23.36 0.11 -0.80	21.64 0.11 -0.42	20.55 0.10 -0.68	20.09 0.10 -0.66	20.27 0.10 -0.41	22.05 0.11 0.00	31.61 0.15 -0.95	34.62 0.17 -0.40	32.29 0.24 -1.47	29.20 0.19 -1.32	29.54 0.17 -1.01	29.63 0.14 -1.01	29.87 0.14 -1.02	30.35 0.15 -1.03	31.08 0.15 -1.06	33.37 0.19 -1.14	38.33 0.18 -1.33	40.16 0.16 0.00	43.90 0.17 0.00	38.46 0.15 0.00	34.80 0.14 0.00	30.79 0.12 0.00	28.57 0.09 0.00	26.27 0.08 0.00
DOGLEVILLE___HYD 23807	23.45 0.20 -0.80	21.70 0.17 -0.42	20.59 0.14 -0.68	20.14 0.15 -0.66	20.35 0.18 -0.41	22.16 0.22 0.00	31.67 0.22 -0.95	34.69 0.24 -0.40	32.23 0.18 -1.47	29.09 0.08 -1.32	29.43 0.06 -1.01	29.54 0.06 -1.01	29.76 0.03 -1.02	30.23 0.03 -1.03	30.96 0.03 -1.06	33.21 0.03 -1.14	38.15 0.00 -1.33	40.00 0.00 0.00	43.86 0.13 0.00	38.38 0.08 0.00	34.84 0.17 0.00	30.85 0.19 0.00	28.68 0.20 0.00	26.43 0.24 0.00
DUNKIRK___115KV_TB_200 55889	20.54 -1.91 0.00	19.07 -2.05 0.00	17.87 -1.90 0.00	17.45 -1.87 0.00	18.00 -1.76 0.00	19.94 -2.00 0.00	28.22 -2.29 0.00	30.75 -3.30 0.00	28.26 -2.32 0.00	25.64 -2.05 0.00	26.07 -2.30 0.00	26.51 -1.96 0.00	26.79 -1.92 0.00	27.22 -1.95 0.00	27.54 -2.33 0.00	29.64 -2.40 0.00	34.05 -2.76 0.00	36.84 -3.16 0.00	40.40 -3.32 0.00	36.39 -1.92 0.00	32.48 -2.18 0.00	29.29 -1.38 0.00	27.57 -0.91 0.00	26.22 0.03 0.00
DUNKIRK___1 23563	20.54 -1.91 0.00	19.07 -2.05 0.00	17.87 -1.90 0.00	17.45 -1.87 0.00	18.00 -1.76 0.00	19.94 -2.00 0.00	28.22 -2.29 0.00	30.75 -3.30 0.00	28.26 -2.32 0.00	25.64 -2.05 0.00	26.07 -2.30 0.00	26.51 -1.96 0.00	26.79 -1.92 0.00	27.22 -1.95 0.00	27.54 -2.33 0.00	29.64 -2.40 0.00	34.05 -2.76 0.00	36.84 -3.16 0.00	40.40 -3.32 0.00	36.39 -1.92 0.00	32.48 -2.18 0.00	29.29 -1.38 0.00	27.57 -0.91 0.00	26.22 0.03 0.00
DUNKIRK___2 23564	20.54 -1.91 0.00	19.07 -2.05 0.00	17.87 -1.90 0.00	17.45 -1.87 0.00	18.00 -1.76 0.00	19.94 -2.00 0.00	28.22 -2.29 0.00	30.75 -3.30 0.00	28.26 -2.32 0.00	25.64 -2.05 0.00	26.07 -2.30 0.00	26.51 -1.96 0.00	26.79 -1.92 0.00	27.22 -1.95 0.00	27.54 -2.33 0.00	29.64 -2.40 0.00	34.05 -2.76 0.00	36.84 -3.16 0.00	40.40 -3.32 0.00	36.39 -1.92 0.00	32.48 -2.18 0.00	29.29 -1.38 0.00	27.57 -0.91 0.00	26.22 0.03 0.00
DUNKIRK___3 23565	20.59 -1.86 0.00	19.13 -1.99 0.00	17.93 -1.84 0.00	17.51 -1.82 0.00	18.06 -1.70 0.00	20.01 -1.93 0.00	28.31 -2.20 0.00	30.85 -3.20 0.00	28.32 -2.26 0.00	25.69 -1.99 0.00	26.13 -2.24 0.00	26.54 -1.94 0.00	26.81 -1.89 0.00	27.25 -1.93 0.00	27.57 -2.30 0.00	29.67 -2.37 0.00	34.05 -2.76 0.00	36.84 -3.16 0.00	40.36 -3.37 0.00	36.23 -2.07 0.00	32.31 -2.36 0.00	29.10 -1.56 0.00	27.40 -1.08 0.00	26.06 -0.13 0.00
DUNKIRK___4 23566	20.59 -1.86 0.00	19.13 -1.99 0.00	17.93 -1.84 0.00	17.51 -1.82 0.00	18.06 -1.70 0.00	20.01 -1.93 0.00	28.31 -2.20 0.00	30.85 -3.20 0.00	28.32 -2.26 0.00	25.69 -1.99 0.00	26.13 -2.24 0.00	26.54 -1.94 0.00	26.81 -1.89 0.00	27.25 -1.93 0.00	27.57 -2.30 0.00	29.67 -2.37 0.00	34.05 -2.76 0.00	36.84 -3.16 0.00	40.36 -3.37 0.00	36.23 -2.07 0.00	32.31 -2.36 0.00	29.10 -1.56 0.00	27.40 -1.08 0.00	26.06 -0.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.93 1.48 0.00	22.43 1.31 0.00	20.99 1.23 0.00	20.47 1.14 0.00	20.94 1.19 0.00	23.30 1.36 0.00	32.37 1.86 0.00	36.47 2.42 0.00	33.21 2.63 0.00	30.09 2.41 0.00	30.72 2.35 0.00	30.81 2.33 0.00	31.09 2.38 0.00	31.62 2.45 0.00	32.35 2.48 0.00	34.64 2.60 0.00	39.76 2.95 0.00	42.96 2.96 0.00	46.74 3.02 0.00	40.75 2.45 0.00	36.95 2.29 0.00	32.42 1.75 0.00	30.11 1.62 0.00	27.48 1.28 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.71 1.26 0.00	22.24 1.12 0.00	20.83 1.07 0.00	20.31 0.99 0.00	20.81 1.05 0.00	23.10 1.16 0.00	32.12 1.62 0.00	36.16 2.11 0.00	32.87 2.29 0.00	29.76 2.08 0.00	30.36 1.99 0.00	30.41 1.94 0.00	30.72 2.01 0.00	31.18 2.01 0.00	31.96 2.09 0.00	34.25 2.21 0.00	39.32 2.50 0.00	42.60 2.60 0.00	46.35 2.62 0.00	40.45 2.14 0.00	36.61 1.94 0.00	32.14 1.47 0.00	29.85 1.37 0.00	27.27 1.07 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	24.27 1.82 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.37 1.86 0.00	36.44 2.38 0.00	33.24 2.66 0.00	30.15 2.46 0.00	30.78 2.41 0.00	30.84 2.36 0.00	31.18 2.47 0.00	31.71 2.54 0.00	32.44 2.57 0.00	34.70 2.66 0.00	39.76 2.95 0.00	42.84 2.84 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.92 2.25 0.00	32.45 1.78 0.00	30.48 1.99 0.00	27.82 1.62 0.00
E179THST_13_KV_LOAD 356214	24.36 1.91 0.00	22.81 1.69 0.00	21.35 1.58 0.00	20.76 1.43 0.00	21.24 1.48 0.00	23.54 1.60 0.00	32.49 1.98 0.00	36.61 2.55 0.00	33.36 2.78 0.00	30.29 2.60 0.00	30.92 2.55 0.00	30.98 2.51 0.00	31.32 2.61 0.00	31.86 2.68 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.94 3.13 0.00	43.04 3.04 0.00	46.79 3.06 0.00	40.79 2.49 0.00	37.09 2.43 0.00	32.60 1.93 0.00	30.59 2.11 0.00	27.95 1.76 0.00
EAST HAMPTON___GT 23717	24.74 2.29 0.00	22.93 1.82 0.00	21.41 1.64 0.00	20.74 1.41 0.00	21.20 1.44 0.00	23.84 1.91 0.00	32.55 2.04 0.00	36.10 2.04 0.00	34.16 3.58 0.00	31.23 3.54 0.00	31.47 3.09 -0.01	31.67 3.19 -0.01	31.72 3.01 0.00	32.29 3.12 0.00	32.71 2.84 0.00	34.70 2.66 0.00	40.01 3.20 0.00	43.92 3.92 0.00	47.09 3.37 0.00	40.37 2.07 0.00	36.33 1.66 0.00	32.45 1.78 0.00	30.22 1.74 0.00	27.92 1.73 0.00
EAST RIVER___6 23660	24.09 1.64 0.00	22.57 1.46 0.00	21.13 1.36 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.43 1.49 0.00	32.58 2.08 0.00	36.74 2.69 0.00	33.58 3.00 0.00	30.45 2.77 0.00	31.07 2.70 0.00	31.15 2.68 0.00	31.49 2.78 0.00	32.03 2.86 0.00	32.77 2.90 0.00	35.02 2.98 0.00	40.20 3.38 0.00	43.36 3.36 0.00	47.14 3.41 0.00	41.10 2.79 0.00	37.27 2.60 0.00	32.60 1.93 0.00	30.33 1.85 0.00	27.66 1.47 0.00
EAST RIVER___7 23524	24.09 1.64 0.00	22.57 1.46 0.00	21.13 1.36 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.43 1.49 0.00	32.58 2.08 0.00	36.74 2.69 0.00	33.58 3.00 0.00	30.45 2.77 0.00	31.07 2.70 0.00	31.15 2.68 0.00	31.49 2.78 0.00	32.03 2.86 0.00	32.77 2.90 0.00	35.02 2.98 0.00	40.20 3.38 0.00	43.36 3.36 0.00	47.14 3.41 0.00	41.10 2.79 0.00	37.27 2.60 0.00	32.60 1.93 0.00	30.33 1.85 0.00	27.66 1.47 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.89 1.44 0.00	22.39 1.27 0.00	20.97 1.21 0.00	20.45 1.12 0.00	20.90 1.15 0.00	23.25 1.32 0.00	32.31 1.80 0.00	36.40 2.35 0.00	33.15 2.57 0.00	30.04 2.35 0.00	30.64 2.27 0.00	30.72 2.25 0.00	31.03 2.33 0.00	31.53 2.36 0.00	32.26 2.39 0.00	34.54 2.50 0.00	39.65 2.83 0.00	42.88 2.88 0.00	46.65 2.93 0.00	40.68 2.37 0.00	36.85 2.18 0.00	32.36 1.69 0.00	30.05 1.57 0.00	27.43 1.23 0.00
EAST_HAMPTON___DIESEL 23722	24.70 2.25 0.00	22.89 1.77 0.00	21.37 1.60 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.80 1.86 0.00	32.49 1.98 0.00	36.06 2.01 0.00	34.10 3.52 0.00	31.17 3.49 0.00	31.38 3.01 -0.01	31.61 3.13 -0.01	31.64 2.93 0.00	32.23 3.06 0.00	32.62 2.75 0.00	34.61 2.56 0.00	39.94 3.13 0.00	43.84 3.84 0.00	47.01 3.28 0.00	40.25 1.95 0.00	36.23 1.56 0.00	32.35 1.69 0.00	30.13 1.65 0.00	27.87 1.68 0.00
EAST_POINT___SOLAR 323840	24.09 1.64 0.00	22.70 1.58 0.00	21.13 1.36 0.00	20.66 1.33 0.00	21.14 1.38 0.00	23.56 1.62 0.00	32.98 2.47 0.00	36.95 2.89 0.00	32.81 2.23 0.00	29.10 1.41 0.00	28.85 0.48 0.00	28.76 0.28 0.00	28.94 0.23 0.00	29.46 0.29 0.00	30.53 0.66 0.00	34.06 2.02 0.00	39.39 2.58 0.00	43.24 3.24 0.00	47.35 3.63 0.00	41.40 3.10 0.00	37.40 2.74 0.00	33.00 2.33 0.00	30.50 2.02 0.00	27.95 1.76 0.00
EAST_PULASKI___ESR 323781	22.65 -0.34 -0.54	21.85 -0.30 -1.02	20.02 -0.30 -0.55	19.60 -0.29 -0.56	20.44 -0.28 -0.96	23.14 -0.31 -1.51	30.82 -0.33 -0.65	35.25 -0.41 -1.61	30.06 -0.43 0.09	27.26 -0.39 0.04	28.26 -0.54 -0.43	28.36 -0.54 -0.43	28.59 -0.55 -0.43	29.02 -0.58 -0.44	29.73 -0.57 -0.43	31.92 -0.54 -0.43	35.61 -0.59 0.62	39.44 -0.56 0.00	43.33 -0.39 0.00	38.04 -0.27 0.00	34.32 -0.35 0.00	30.39 -0.28 0.00	28.25 -0.23 0.00	25.98 -0.21 0.00
EAST_RIVER___1 323558	24.09 1.64 0.00	22.57 1.46 0.00	21.13 1.36 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.43 1.49 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.52 2.94 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.38 2.67 0.00	31.94 2.77 0.00	32.65 2.78 0.00	34.93 2.88 0.00	40.09 3.28 0.00	43.24 3.24 0.00	47.05 3.32 0.00	41.02 2.72 0.00	37.19 2.53 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.66 1.47 0.00
EAST_RIVER___2 323559	24.09 1.64 0.00	22.57 1.46 0.00	21.13 1.36 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.43 1.49 0.00	32.58 2.08 0.00	36.74 2.69 0.00	33.58 3.00 0.00	30.45 2.77 0.00	31.07 2.70 0.00	31.15 2.68 0.00	31.49 2.78 0.00	32.03 2.86 0.00	32.77 2.90 0.00	35.02 2.98 0.00	40.20 3.38 0.00	43.36 3.36 0.00	47.14 3.41 0.00	41.10 2.79 0.00	37.27 2.60 0.00	32.60 1.93 0.00	30.33 1.85 0.00	27.66 1.47 0.00
EAST___DELAWARE_HYD 23607	23.66 1.21 0.00	22.22 1.10 0.00	20.81 1.05 0.00	20.29 0.97 0.00	20.81 1.05 0.00	23.10 1.16 0.00	32.12 1.62 0.00	36.13 2.08 0.00	32.84 2.26 0.00	29.73 2.05 0.00	30.30 1.93 0.00	30.32 1.85 0.00	30.63 1.92 0.00	31.13 1.95 0.00	31.87 2.00 0.00	34.19 2.15 0.00	39.28 2.47 0.00	42.64 2.64 0.00	46.44 2.71 0.00	40.52 2.22 0.00	36.64 1.97 0.00	32.23 1.56 0.00	29.91 1.42 0.00	27.35 1.15 0.00
EIGHT_POINT___WT_PWR 323820	20.68 -1.77 0.00	19.32 -1.80 0.00	18.09 -1.68 0.00	17.65 -1.68 0.00	18.16 -1.60 0.00	20.14 -1.80 0.00	28.43 -2.08 0.00	31.36 -2.69 0.00	28.47 -2.11 0.00	25.83 -1.85 0.00	26.19 -2.18 0.00	26.25 -2.22 0.00	26.64 -2.07 0.00	26.95 -2.22 0.00	27.69 -2.18 0.00	29.73 -2.31 0.00	34.31 -2.50 0.00	37.40 -2.60 0.00	41.06 -2.67 0.00	36.46 -1.84 0.00	32.76 -1.91 0.00	29.38 -1.29 0.00	27.60 -0.88 0.00	25.93 -0.26 0.00
ELBRIDGE_115KV_TB2 80188	21.96 -0.49 0.00	20.67 -0.44 0.00	19.33 -0.43 0.00	18.90 -0.43 0.00	19.34 -0.41 0.00	21.48 -0.46 0.00	29.99 -0.52 0.00	33.34 -0.72 0.00	30.00 -0.58 0.00	27.19 -0.50 0.00	27.69 -0.68 0.00	27.85 -0.63 0.00	28.08 -0.63 0.00	28.53 -0.64 0.00	29.21 -0.66 0.00	31.30 -0.74 0.00	36.00 -0.81 0.00	39.12 -0.88 0.00	42.76 -0.96 0.00	37.54 -0.77 0.00	33.90 -0.76 0.00	30.02 -0.64 0.00	27.91 -0.57 0.00	25.72 -0.47 0.00
ELEC_TRO_TEK 24086	24.27 1.82 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.49 1.56 0.00	32.40 1.89 0.00	36.13 2.08 0.00	33.45 2.87 0.00	30.51 2.82 0.00	31.08 2.70 -0.02	31.08 2.59 -0.02	31.41 2.70 0.00	31.89 2.71 0.00	32.44 2.57 0.00	34.51 2.47 0.00	39.61 2.80 0.00	43.04 3.04 0.00	46.65 2.93 0.00	40.37 2.07 0.00	36.54 1.87 0.00	32.48 1.81 0.00	30.33 1.85 0.00	27.64 1.44 0.00

ELLENBURG_WT_PWR 323604	-7.00 -0.99 28.47	-7.02 -0.91 27.24	-7.00 -0.85 25.92	-7.00 -0.81 25.52	-7.02 -0.85 25.93	-6.16 -0.99 27.11	-6.16 -1.34 35.33	-6.05 -1.36 38.74	-6.60 -1.56 35.63	-6.58 -1.44 32.82	-6.16 -1.36 33.17	-6.21 -1.42 33.26	-6.29 -1.43 33.57	-6.28 -1.43 34.03	-6.27 -1.46 34.68	-6.07 -1.51 36.60	12.59 -1.44 22.79	38.80 -1.20 0.00	42.94 -0.79 0.00	37.88 -0.42 0.00	34.53 -0.14 0.00	30.70 0.03 0.00	28.65 0.17 0.00	26.53 0.34 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.45 -2.00 0.00	19.05 -2.07 0.00	17.85 -1.92 0.00	17.41 -1.91 0.00	17.96 -1.80 0.00	19.88 -2.06 0.00	28.07 -2.44 0.00	30.51 -3.54 0.00	28.10 -2.48 0.00	25.53 -2.16 0.00	26.01 -2.35 0.00	26.45 -2.02 0.00	26.70 -2.01 0.00	27.13 -2.04 0.00	27.39 -2.48 0.00	29.45 -2.60 0.00	33.68 -3.13 0.00	36.32 -3.68 0.00	39.75 -3.98 0.00	35.54 -2.76 0.00	31.75 -2.91 0.00	28.61 -2.05 0.00	26.97 -1.51 0.00	25.72 -0.47 0.00
EMPIRE_CC_1 323656	23.53 1.08 0.00	22.13 1.01 0.00	20.71 0.95 0.00	20.26 0.93 0.00	20.69 0.93 0.00	22.97 1.03 0.00	31.91 1.40 0.00	35.72 1.67 0.00	32.35 1.77 0.00	29.29 1.61 0.00	29.87 1.50 0.00	29.98 1.51 0.00	30.17 1.46 0.00	30.66 1.49 0.00	31.42 1.55 0.00	33.71 1.67 0.00	38.73 1.91 0.00	42.00 2.00 0.00	45.74 2.01 0.00	39.95 1.65 0.00	36.23 1.56 0.00	31.96 1.29 0.00	29.59 1.11 0.00	27.14 0.94 0.00
EMPIRE_CC_2 323658	23.53 1.08 0.00	22.13 1.01 0.00	20.71 0.95 0.00	20.26 0.93 0.00	20.69 0.93 0.00	22.97 1.03 0.00	31.91 1.40 0.00	35.72 1.67 0.00	32.35 1.77 0.00	29.29 1.61 0.00	29.87 1.50 0.00	29.98 1.51 0.00	30.17 1.46 0.00	30.66 1.49 0.00	31.42 1.55 0.00	33.71 1.67 0.00	38.73 1.91 0.00	42.00 2.00 0.00	45.74 2.01 0.00	39.95 1.65 0.00	36.23 1.56 0.00	31.96 1.29 0.00	29.59 1.11 0.00	27.14 0.94 0.00
ENORWICH_115KV_TB1 80156	23.33 0.88 0.00	21.94 0.82 0.00	20.48 0.71 0.00	20.10 0.77 0.00	20.63 0.87 0.00	23.03 1.10 0.00	32.31 1.80 0.00	36.30 2.25 0.00	32.41 1.83 0.00	29.26 1.58 0.00	29.62 1.25 0.00	29.70 1.22 0.00	29.94 1.23 0.00	30.43 1.25 0.00	31.24 1.37 0.00	33.64 1.60 0.00	38.76 1.95 0.00	42.28 2.28 0.00	46.79 3.06 0.00	40.94 2.64 0.00	36.85 2.18 0.00	32.69 2.02 0.00	30.33 1.85 0.00	27.95 1.76 0.00
ERIE_ST__34_KV_TB1-2 80199	20.93 -1.53 0.00	19.45 -1.67 0.00	18.24 -1.52 0.00	17.80 -1.53 0.00	18.38 -1.38 0.00	20.34 -1.60 0.00	28.80 -1.71 0.00	31.36 -2.69 0.00	28.84 -1.74 0.00	26.16 -1.52 0.00	26.61 -1.76 0.00	27.05 -1.42 0.00	27.30 -1.41 0.00	27.77 -1.40 0.00	28.08 -1.79 0.00	30.15 -1.89 0.00	34.42 -2.39 0.00	37.16 -2.84 0.00	40.66 -3.06 0.00	36.39 -1.92 0.00	32.48 -2.18 0.00	29.23 -1.44 0.00	27.49 -1.00 0.00	26.19 0.00 0.00
ERIE_WT_PWR 323693	20.61 -1.84 0.00	19.20 -1.92 0.00	17.99 -1.78 0.00	17.55 -1.78 0.00	18.10 -1.66 0.00	20.05 -1.89 0.00	28.31 -2.20 0.00	30.95 -3.10 0.00	28.29 -2.29 0.00	25.67 -2.02 0.00	26.19 -2.18 0.00	26.54 -1.94 0.00	26.87 -1.84 0.00	27.13 -2.04 0.00	27.78 -2.09 0.00	29.67 -2.37 0.00	33.98 -2.83 0.00	36.72 -3.28 0.00	40.23 -3.50 0.00	35.89 -2.41 0.00	32.06 -2.60 0.00	28.89 -1.78 0.00	27.20 -1.28 0.00	25.93 -0.26 0.00
ESPRGFLD_115KV_TB1 80157	23.35 0.90 0.00	21.96 0.84 0.00	20.50 0.73 0.00	20.06 0.73 0.00	20.53 0.77 0.00	22.86 0.92 0.00	31.94 1.43 0.00	35.79 1.74 0.00	32.11 1.53 0.00	28.99 1.30 0.00	29.33 0.96 0.00	29.41 0.94 0.00	29.66 0.95 0.00	30.11 0.93 0.00	30.92 1.05 0.00	33.51 1.47 0.00	38.51 1.69 0.00	42.00 2.00 0.00	46.09 2.36 0.00	40.26 1.95 0.00	36.40 1.73 0.00	32.14 1.47 0.00	29.76 1.28 0.00	27.32 1.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.50 0.04 0.00	21.12 0.00 0.00	19.75 -0.02 0.00	19.31 -0.02 0.00	19.78 0.02 0.00	21.98 0.04 0.00	30.81 0.31 0.00	34.36 0.31 0.00	30.76 0.18 0.00	27.80 0.11 0.00	28.23 -0.14 0.00	28.36 -0.11 0.00	28.59 -0.11 0.00	29.08 -0.09 0.00	29.78 -0.09 0.00	31.98 -0.06 0.00	36.85 0.04 0.00	40.16 0.16 0.00	43.99 0.26 0.00	38.65 0.34 0.00	34.84 0.17 0.00	30.88 0.21 0.00	28.74 0.26 0.00	26.48 0.29 0.00
ETNA____115KV_TB2 80207	22.50 0.04 0.00	21.12 0.00 0.00	19.75 -0.02 0.00	19.31 -0.02 0.00	19.78 0.02 0.00	21.98 0.04 0.00	30.81 0.31 0.00	34.36 0.31 0.00	30.76 0.18 0.00	27.80 0.11 0.00	28.23 -0.14 0.00	28.36 -0.11 0.00	28.59 -0.11 0.00	29.08 -0.09 0.00	29.78 -0.09 0.00	31.98 -0.06 0.00	36.85 0.04 0.00	40.16 0.16 0.00	43.99 0.26 0.00	38.65 0.34 0.00	34.84 0.17 0.00	30.88 0.21 0.00	28.74 0.26 0.00	26.48 0.29 0.00
EUCLID____115KV_TB2 356179	21.94 -0.52 0.00	20.63 -0.49 0.00	19.29 -0.47 0.00	18.86 -0.46 0.00	19.30 -0.45 0.00	21.43 -0.50 0.00	29.90 -0.61 0.00	33.24 -0.82 0.00	29.91 -0.67 0.00	27.10 -0.58 0.00	27.63 -0.74 0.00	27.76 -0.71 0.00	27.99 -0.72 0.00	28.44 -0.73 0.00	29.12 -0.75 0.00	31.24 -0.80 0.00	35.89 -0.92 0.00	39.00 -1.00 0.00	42.63 -1.09 0.00	37.42 -0.88 0.00	33.76 -0.90 0.00	29.90 -0.77 0.00	27.80 -0.68 0.00	25.62 -0.58 0.00
E_CANADA_CAP_HY 24051	23.75 1.30 0.00	22.36 1.25 0.00	20.85 1.09 0.00	20.37 1.04 0.00	20.84 1.09 0.00	23.21 1.27 0.00	32.40 1.89 0.00	36.27 2.21 0.00	32.48 1.90 0.00	29.21 1.52 0.00	29.36 0.99 0.00	29.36 0.88 0.00	29.54 0.83 0.00	30.02 0.85 0.00	30.92 1.04 0.00	33.77 1.73 0.00	38.80 1.99 0.00	42.52 2.52 0.00	46.61 2.89 0.00	40.72 2.41 0.00	36.88 2.22 0.00	32.54 1.87 0.00	30.10 1.62 0.00	27.58 1.39 0.00
E_CANADA_MHWK_HY 24050	23.45 0.20 -0.80	21.70 0.17 -0.42	20.59 0.14 -0.68	20.14 0.15 -0.66	20.35 0.18 -0.41	22.16 0.22 0.00	31.67 0.22 -0.95	34.69 0.24 -0.40	32.23 0.18 -1.47	29.09 0.08 -1.32	29.43 0.06 -1.01	29.54 0.06 -1.01	29.76 0.03 -1.02	30.23 0.03 -1.03	30.96 0.03 -1.06	33.21 0.03 -1.14	38.15 0.00 -1.33	40.00 0.00 0.00	43.86 0.13 0.00	38.38 0.08 0.00	34.84 0.17 0.00	30.85 0.19 0.00	28.68 0.20 0.00	26.43 0.24 0.00
E_FISHKILL____LBMP 23776	23.71 1.26 0.00	22.26 1.14 0.00	20.83 1.07 0.00	20.33 1.01 0.00	20.79 1.03 0.00	23.10 1.16 0.00	32.09 1.59 0.00	36.10 2.04 0.00	32.84 2.26 0.00	29.76 2.08 0.00	30.36 1.99 0.00	30.44 1.96 0.00	30.72 2.01 0.00	31.21 2.04 0.00	31.96 2.09 0.00	34.25 2.21 0.00	39.28 2.47 0.00	42.52 2.52 0.00	46.26 2.54 0.00	40.33 2.03 0.00	36.57 1.91 0.00	32.11 1.44 0.00	29.82 1.34 0.00	27.24 1.05 0.00
FALCON____SEABRD_CC1 323796	-6.85 -0.79 28.52	-6.96 -0.70 27.38	-6.88 -0.67 25.98	-6.89 -0.64 25.58	-6.98 -0.67 26.07	-6.61 -1.03 27.52	-6.31 -1.31 35.51	-6.38 -1.26 39.17	-6.48 -1.56 35.50	-6.50 -1.47 32.72	-6.38 -1.53 33.21	-6.40 -1.57 33.31	-6.46 -1.55 33.62	-6.42 -1.52 34.07	-6.40 -1.55 34.72	-6.26 -1.67 36.64	12.78 -1.51 22.53	38.92 -1.08 0.00	43.16 -0.57 0.00	38.23 -0.08 0.00	34.91 0.24 0.00	31.07 0.40 0.00	29.00 0.51 0.00	26.93 0.73 0.00

FALCON___SEABRD_CC2 323797	-6.85 -0.79 28.52	-6.96 -0.70 27.38	-6.88 -0.67 25.98	-6.89 -0.64 25.58	-6.98 -0.67 26.07	-6.61 -1.03 27.52	-6.31 -1.31 35.51	-6.38 -1.26 39.17	-6.48 -1.56 35.50	-6.50 -1.47 32.72	-6.38 -1.53 33.21	-6.40 -1.57 33.31	-6.46 -1.55 33.62	-6.42 -1.52 34.07	-6.40 -1.55 34.72	-6.26 -1.67 36.64	12.78 -1.51 22.53	38.92 -1.08 0.00	43.16 -0.57 0.00	38.23 -0.08 0.00	34.91 0.24 0.00	31.07 0.40 0.00	29.00 0.51 0.00	26.93 0.73 0.00
FAR ROCKAWAY___4 23548	24.56 2.11 0.00	22.85 1.73 0.00	21.39 1.62 0.00	20.74 1.41 0.00	21.22 1.46 0.00	23.74 1.80 0.00	32.73 2.23 0.00	36.47 2.42 0.00	33.85 3.27 0.00	30.87 3.18 0.00	31.48 3.09 -0.02	31.51 3.02 -0.02	31.87 3.16 0.00	32.33 3.15 0.00	32.86 2.99 0.00	34.96 2.92 0.00	40.13 3.31 0.00	43.64 3.64 0.00	47.27 3.54 0.00	40.83 2.53 0.00	36.95 2.29 0.00	32.94 2.27 0.00	30.70 2.22 0.00	27.98 1.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.09 1.64 0.00	22.55 1.44 0.00	21.11 1.34 0.00	20.58 1.26 0.00	21.04 1.28 0.00	23.41 1.47 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.95 2.58 0.00	31.04 2.56 0.00	31.35 2.64 0.00	31.88 2.71 0.00	32.62 2.75 0.00	34.89 2.85 0.00	40.05 3.24 0.00	43.20 3.20 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.16 2.50 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.64 1.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.09 1.64 0.00	22.55 1.44 0.00	21.13 1.36 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.43 1.49 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.95 2.58 0.00	31.01 2.53 0.00	31.35 2.64 0.00	31.88 2.71 0.00	32.62 2.75 0.00	34.89 2.85 0.00	40.05 3.24 0.00	43.20 3.20 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.16 2.50 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.66 1.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.07 1.62 0.00	22.55 1.44 0.00	21.11 1.34 0.00	20.56 1.24 0.00	21.04 1.28 0.00	23.41 1.47 0.00	32.52 2.01 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.32 2.63 0.00	30.92 2.55 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.86 2.68 0.00	32.59 2.72 0.00	34.89 2.85 0.00	40.02 3.20 0.00	43.20 3.20 0.00	46.96 3.24 0.00	40.94 2.64 0.00	37.13 2.46 0.00	32.54 1.87 0.00	30.28 1.79 0.00	27.64 1.44 0.00
FARRAGUT___LBMP 323566	24.07 1.62 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.56 1.24 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.68 2.62 0.00	33.42 2.84 0.00	30.29 2.60 0.00	30.92 2.55 0.00	30.98 2.51 0.00	31.32 2.61 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.86 2.82 0.00	40.02 3.20 0.00	43.16 3.16 0.00	46.92 3.19 0.00	40.94 2.64 0.00	37.13 2.46 0.00	32.54 1.87 0.00	30.25 1.77 0.00	27.61 1.41 0.00
FENNER___WINDPWR 24204	23.10 0.25 -0.40	21.89 0.23 -0.54	20.34 0.20 -0.38	19.90 0.19 -0.38	20.48 0.22 -0.50	22.89 0.28 -0.67	31.50 0.52 -0.48	35.46 0.61 -0.79	31.30 0.46 -0.26	28.35 0.42 -0.25	29.05 0.28 -0.40	29.15 0.28 -0.40	29.43 0.32 -0.40	29.87 0.29 -0.40	30.61 0.33 -0.41	32.85 0.39 -0.42	37.26 0.44 0.00	40.56 0.56 0.00	44.51 0.79 0.00	39.03 0.73 0.00	35.22 0.55 0.00	31.19 0.52 0.00	28.94 0.45 0.00	26.64 0.44 0.00
FIBERTEK___ENERGY 23856	22.12 -0.34 0.00	20.80 -0.32 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.46 -0.30 0.00	21.61 -0.33 0.00	30.17 -0.34 0.00	33.58 -0.48 0.00	30.21 -0.37 0.00	27.38 -0.30 0.00	27.89 -0.48 0.00	28.02 -0.46 0.00	28.25 -0.46 0.00	28.73 -0.44 0.00	29.39 -0.48 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.77 -0.54 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.11 -0.37 0.00	25.85 -0.34 0.00
FITZPATRICK____ 23598	21.69 -0.76 0.00	20.40 -0.72 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.11 -0.65 0.00	21.21 -0.72 0.00	29.53 -0.98 0.00	32.83 -1.22 0.00	29.48 -1.10 0.00	26.69 -1.00 0.00	27.23 -1.14 0.00	27.36 -1.11 0.00	27.59 -1.12 0.00	28.03 -1.14 0.00	28.71 -1.17 0.00	30.79 -1.25 0.00	35.38 -1.44 0.00	38.44 -1.56 0.00	42.02 -1.71 0.00	36.89 -1.42 0.00	33.31 -1.35 0.00	29.50 -1.17 0.00	27.40 -1.08 0.00	25.25 -0.94 0.00
FLOWRFLD_69_KV_BK1 356044	24.81 2.36 0.00	23.00 1.88 0.00	21.53 1.76 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.73 2.23 0.00	36.33 2.28 0.00	33.91 3.33 0.00	31.03 3.35 0.00	31.58 3.21 -0.01	31.67 3.19 -0.01	31.84 3.13 0.00	32.26 3.09 0.00	32.74 2.87 0.00	34.83 2.79 0.00	40.13 3.31 0.00	43.84 3.84 0.00	47.35 3.63 0.00	40.79 2.49 0.00	36.78 2.11 0.00	32.85 2.18 0.00	30.82 2.34 0.00	28.08 1.89 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.84 1.39 0.00	22.36 1.25 0.00	20.97 1.21 0.00	20.43 1.10 0.00	20.92 1.17 0.00	23.25 1.32 0.00	32.28 1.77 0.00	36.37 2.32 0.00	33.12 2.54 0.00	29.98 2.30 0.00	30.58 2.21 0.00	30.61 2.14 0.00	30.92 2.21 0.00	31.42 2.25 0.00	32.17 2.30 0.00	34.48 2.44 0.00	39.57 2.76 0.00	42.88 2.88 0.00	46.65 2.93 0.00	40.68 2.37 0.00	36.81 2.15 0.00	32.32 1.66 0.00	29.99 1.51 0.00	27.40 1.20 0.00
FORT ORANGE____ 23900	23.31 0.85 0.00	21.96 0.85 0.00	20.56 0.79 0.00	20.10 0.77 0.00	20.53 0.77 0.00	22.73 0.79 0.00	31.64 1.13 0.00	35.38 1.33 0.00	32.02 1.44 0.00	28.93 1.25 0.00	29.47 1.11 0.00	29.53 1.05 0.00	29.74 1.03 0.00	30.19 1.02 0.00	30.94 1.07 0.00	33.23 1.19 0.00	38.21 1.40 0.00	41.60 1.60 0.00	45.34 1.62 0.00	39.61 1.30 0.00	35.88 1.21 0.00	31.62 0.95 0.00	29.31 0.83 0.00	26.85 0.66 0.00
FORT_DRUM_COGEN 23780	24.11 0.25 -1.41	24.39 0.27 -2.99	21.48 0.22 -1.49	21.09 0.23 -1.53	22.81 0.26 -2.79	26.91 0.37 -4.60	32.91 0.70 -1.71	39.92 1.09 -4.78	30.57 0.67 0.69	27.68 0.47 0.47	29.62 0.23 -1.02	29.69 0.20 -1.02	29.95 0.20 -1.04	30.36 0.15 -1.04	31.07 0.18 -1.02	33.48 0.45 -0.99	35.28 0.70 2.24	41.16 1.16 0.00	45.91 2.19 0.00	40.22 1.92 0.00	36.26 1.59 0.00	32.08 1.41 0.00	29.68 1.20 0.00	27.27 1.07 0.00
FOX_HILLS___ESR 323835	24.29 1.84 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.45 1.51 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.36 2.78 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.92 2.45 0.00	31.32 2.61 0.00	31.86 2.68 0.00	32.62 2.75 0.00	34.89 2.85 0.00	39.80 2.98 0.00	42.88 2.88 0.00	46.61 2.89 0.00	40.64 2.34 0.00	37.19 2.53 0.00	32.57 1.90 0.00	30.42 1.94 0.00	27.79 1.60 0.00
FPL FAR_ROCK_GT1 24212	24.56 2.11 0.00	22.87 1.75 0.00	21.35 1.58 0.00	20.74 1.41 0.00	21.22 1.46 0.00	23.74 1.80 0.00	32.73 2.23 0.00	36.37 2.32 0.00	33.94 3.36 0.00	30.89 3.21 0.00	31.48 3.09 -0.02	31.54 3.05 -0.02	31.87 3.16 0.00	32.44 3.27 0.00	32.92 3.05 0.00	34.96 2.92 0.00	40.09 3.28 0.00	43.64 3.64 0.00	47.27 3.54 0.00	40.83 2.53 0.00	36.95 2.29 0.00	32.94 2.27 0.00	30.71 2.22 0.00	27.98 1.78 0.00

FPL FAR_ROCK_GT2 23815	24.56 2.11 0.00	22.87 1.75 0.00	21.35 1.58 0.00	20.74 1.41 0.00	21.22 1.46 0.00	23.74 1.80 0.00	32.73 2.23 0.00	36.37 2.32 0.00	33.94 3.36 0.00	30.89 3.21 0.00	31.48 3.09 -0.02	31.54 3.05 -0.02	31.87 3.16 0.00	32.44 3.27 0.00	32.92 3.05 0.00	34.96 2.92 0.00	40.09 3.28 0.00	43.64 3.64 0.00	47.27 3.54 0.00	40.83 2.53 0.00	36.95 2.29 0.00	32.94 2.27 0.00	30.71 2.22 0.00	27.98 1.78 0.00
FRANKLIN_FALL_HYD 24054	29.09 -0.56 -7.20	39.45 -0.49 -18.82	27.37 -0.47 -8.08	27.28 -0.44 -8.39	36.82 -0.43 -17.50	52.24 -0.39 -30.70	38.88 -0.40 -8.77	64.64 -0.20 -30.79	21.23 -0.70 8.64	20.18 -0.69 6.82	31.74 -0.68 -4.05	31.73 -0.74 -4.00	32.07 -0.75 -4.10	32.55 -0.73 -4.11	33.05 -0.72 -3.90	34.91 -0.61 -3.48	17.84 -0.37 18.61	40.00 0.00 0.00	44.42 0.70 0.00	39.11 0.80 0.00	35.57 0.90 0.00	31.53 0.86 0.00	29.28 0.80 0.00	27.06 0.86 0.00
FREEPORT_EQUS_GT1 23764	24.45 2.00 0.00	22.77 1.65 0.00	21.27 1.50 0.00	20.66 1.33 0.00	21.14 1.38 0.00	23.65 1.71 0.00	32.58 2.08 0.00	36.13 2.08 0.00	33.79 3.21 0.00	30.79 3.10 0.00	31.31 2.92 -0.01	31.33 2.85 -0.01	31.64 2.93 0.00	32.21 3.03 0.00	32.71 2.84 0.00	34.70 2.66 0.00	39.83 3.02 0.00	43.36 3.36 0.00	46.96 3.24 0.00	40.56 2.26 0.00	36.71 2.04 0.00	32.69 2.02 0.00	30.53 2.05 0.00	27.82 1.62 0.00
FREEPORT___CT2 23818	24.45 2.00 0.00	22.77 1.65 0.00	21.27 1.50 0.00	20.66 1.33 0.00	21.14 1.38 0.00	23.65 1.71 0.00	32.58 2.08 0.00	36.13 2.08 0.00	33.79 3.21 0.00	30.79 3.10 0.00	31.31 2.92 -0.01	31.33 2.85 -0.01	31.64 2.93 0.00	32.21 3.03 0.00	32.71 2.84 0.00	34.70 2.66 0.00	39.83 3.02 0.00	43.36 3.36 0.00	46.96 3.24 0.00	40.56 2.26 0.00	36.71 2.04 0.00	32.69 2.02 0.00	30.53 2.05 0.00	27.82 1.62 0.00
FRESHKLS_33_KV_LOAD 356253	24.34 1.89 0.00	22.77 1.65 0.00	21.29 1.52 0.00	20.72 1.39 0.00	21.18 1.42 0.00	23.47 1.54 0.00	32.52 2.01 0.00	36.68 2.62 0.00	33.36 2.78 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.92 2.45 0.00	31.32 2.61 0.00	31.86 2.68 0.00	32.62 2.75 0.00	34.92 2.88 0.00	39.76 2.95 0.00	42.84 2.84 0.00	46.57 2.84 0.00	40.56 2.26 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.82 1.62 0.00
FULTON COGEN____ 23766	21.96 -0.49 0.00	20.65 -0.46 0.00	19.31 -0.45 0.00	18.88 -0.44 0.00	19.32 -0.43 0.00	21.45 -0.48 0.00	29.93 -0.58 0.00	33.27 -0.78 0.00	29.91 -0.67 0.00	27.10 -0.58 0.00	27.63 -0.74 0.00	27.76 -0.71 0.00	27.96 -0.75 0.00	28.44 -0.73 0.00	29.09 -0.78 0.00	31.21 -0.83 0.00	35.86 -0.96 0.00	39.00 -1.00 0.00	42.63 -1.09 0.00	37.42 -0.88 0.00	33.80 -0.87 0.00	29.93 -0.74 0.00	27.80 -0.68 0.00	25.59 -0.60 0.00
FULTON___LFGE 323630	23.96 1.50 0.00	22.57 1.46 0.00	21.03 1.27 0.00	20.55 1.22 0.00	21.02 1.27 0.00	23.41 1.47 0.00	32.73 2.23 0.00	36.61 2.56 0.00	32.84 2.26 0.00	29.51 1.83 0.00	29.70 1.33 0.00	29.70 1.22 0.00	29.89 1.18 0.00	30.34 1.17 0.00	31.22 1.35 0.00	34.00 1.95 0.00	39.17 2.36 0.00	42.88 2.88 0.00	47.01 3.28 0.00	41.06 2.76 0.00	37.09 2.43 0.00	32.75 2.09 0.00	30.31 1.82 0.00	27.77 1.57 0.00
G.F.CEMENT___DRP 24184	24.16 1.71 0.00	22.77 1.65 0.00	21.21 1.44 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.54 1.60 0.00	32.37 1.86 0.00	36.30 2.25 0.00	32.75 2.17 0.00	29.57 1.88 0.00	30.01 1.65 0.00	30.04 1.57 0.00	30.14 1.44 0.00	30.48 1.31 0.00	31.30 1.43 0.00	33.61 1.57 0.00	38.73 1.91 0.00	42.36 2.36 0.00	46.35 2.62 0.00	40.41 2.11 0.00	36.50 1.84 0.00	32.17 1.50 0.00	29.85 1.37 0.00	27.35 1.15 0.00
GARDENVILLE___LBMP 24039	20.52 -1.93 0.00	19.11 -2.01 0.00	17.91 -1.86 0.00	17.47 -1.86 0.00	18.02 -1.74 0.00	19.94 -2.00 0.00	28.19 -2.32 0.00	30.65 -3.41 0.00	28.23 -2.35 0.00	25.61 -2.08 0.00	26.07 -2.30 0.00	26.54 -1.94 0.00	26.79 -1.92 0.00	27.19 -1.98 0.00	27.48 -2.39 0.00	29.54 -2.50 0.00	33.79 -3.02 0.00	36.48 -3.52 0.00	39.92 -3.80 0.00	35.74 -2.57 0.00	31.93 -2.74 0.00	28.77 -1.90 0.00	27.09 -1.40 0.00	25.83 -0.37 0.00
GARDNVLA_35_KV_LD 355827	20.63 -1.82 0.00	19.20 -1.92 0.00	17.99 -1.78 0.00	17.55 -1.78 0.00	18.10 -1.66 0.00	20.03 -1.91 0.00	28.34 -2.17 0.00	30.82 -3.24 0.00	28.38 -2.20 0.00	25.75 -1.94 0.00	26.21 -2.16 0.00	26.68 -1.79 0.00	26.93 -1.78 0.00	27.36 -1.81 0.00	27.66 -2.21 0.00	29.70 -2.34 0.00	34.02 -2.80 0.00	36.68 -3.32 0.00	40.14 -3.59 0.00	35.93 -2.37 0.00	32.06 -2.60 0.00	28.89 -1.78 0.00	27.23 -1.25 0.00	25.96 -0.24 0.00
GELCKHM___115KV_LOAD 80723	22.00 -0.45 0.00	20.70 -0.42 0.00	19.35 -0.42 0.00	18.92 -0.41 0.00	19.36 -0.40 0.00	21.50 -0.44 0.00	29.99 -0.52 0.00	33.34 -0.72 0.00	30.03 -0.55 0.00	27.19 -0.50 0.00	27.72 -0.65 0.00	27.85 -0.63 0.00	28.08 -0.63 0.00	28.56 -0.61 0.00	29.21 -0.66 0.00	31.34 -0.70 0.00	36.00 -0.81 0.00	39.12 -0.88 0.00	42.76 -0.96 0.00	37.54 -0.77 0.00	33.90 -0.76 0.00	30.02 -0.64 0.00	27.91 -0.57 0.00	25.70 -0.50 0.00
GENERAL___MILLS 23808	20.61 -1.84 0.00	19.18 -1.94 0.00	17.97 -1.80 0.00	17.53 -1.80 0.00	18.08 -1.68 0.00	20.01 -1.93 0.00	28.28 -2.23 0.00	30.75 -3.30 0.00	28.32 -2.26 0.00	25.72 -1.97 0.00	26.18 -2.18 0.00	26.62 -1.85 0.00	26.87 -1.84 0.00	27.30 -1.87 0.00	27.60 -2.27 0.00	29.64 -2.40 0.00	33.94 -2.87 0.00	36.60 -3.40 0.00	40.05 -3.67 0.00	35.85 -2.45 0.00	32.03 -2.63 0.00	28.86 -1.81 0.00	27.17 -1.31 0.00	25.91 -0.29 0.00
GE_PLASTICS___DRP 24183	23.17 0.72 0.00	21.81 0.70 0.00	20.42 0.65 0.00	19.98 0.66 0.00	20.41 0.65 0.00	22.62 0.68 0.00	31.45 0.95 0.00	35.18 1.12 0.00	31.80 1.22 0.00	28.76 1.08 0.00	29.36 0.99 0.00	29.44 0.97 0.00	29.66 0.95 0.00	30.11 0.93 0.00	30.89 1.02 0.00	33.13 1.09 0.00	38.07 1.25 0.00	41.36 1.36 0.00	45.08 1.36 0.00	39.37 1.07 0.00	35.67 1.01 0.00	31.47 0.80 0.00	29.17 0.68 0.00	26.74 0.55 0.00
GILBOA___1 23756	23.06 0.61 0.00	21.69 0.57 0.00	20.30 0.53 0.00	19.91 0.58 0.00	20.29 0.53 0.00	22.51 0.57 0.00	31.30 0.79 0.00	35.04 0.99 0.00	31.71 1.13 0.00	28.71 1.02 0.00	29.30 0.93 0.00	29.41 0.94 0.00	29.66 0.95 0.00	30.13 0.96 0.00	30.86 0.98 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.12 1.12 0.00	44.86 1.13 0.00	39.22 0.92 0.00	35.56 0.90 0.00	31.37 0.71 0.00	29.11 0.63 0.00	26.69 0.50 0.00
GILBOA___2 23757	23.06 0.61 0.00	21.69 0.57 0.00	20.30 0.53 0.00	19.91 0.58 0.00	20.29 0.53 0.00	22.51 0.57 0.00	31.30 0.79 0.00	35.04 0.99 0.00	31.71 1.13 0.00	28.71 1.02 0.00	29.30 0.93 0.00	29.41 0.94 0.00	29.66 0.95 0.00	30.13 0.96 0.00	30.86 0.98 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.12 1.12 0.00	44.86 1.13 0.00	39.22 0.92 0.00	35.56 0.90 0.00	31.37 0.71 0.00	29.11 0.63 0.00	26.69 0.50 0.00

GILBOA___3 23758	23.06 0.61 0.00	21.69 0.57 0.00	20.30 0.53 0.00	19.91 0.58 0.00	20.29 0.53 0.00	22.51 0.57 0.00	31.30 0.79 0.00	35.04 0.99 0.00	31.71 1.13 0.00	28.71 1.02 0.00	29.30 0.93 0.00	29.41 0.94 0.00	29.66 0.95 0.00	30.13 0.96 0.00	30.86 0.98 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.12 1.12 0.00	44.86 1.13 0.00	39.22 0.92 0.00	35.56 0.90 0.00	31.37 0.71 0.00	29.11 0.63 0.00	26.69 0.50 0.00
GILBOA___4 23759	23.06 0.61 0.00	21.69 0.57 0.00	20.30 0.53 0.00	19.91 0.58 0.00	20.29 0.53 0.00	22.51 0.57 0.00	31.30 0.79 0.00	35.04 0.99 0.00	31.71 1.13 0.00	28.71 1.02 0.00	29.30 0.93 0.00	29.41 0.94 0.00	29.66 0.95 0.00	30.13 0.96 0.00	30.86 0.98 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.12 1.12 0.00	44.86 1.13 0.00	39.22 0.92 0.00	35.56 0.90 0.00	31.37 0.71 0.00	29.11 0.63 0.00	26.69 0.50 0.00
GILBOA___ 23599	23.06 0.61 0.00	21.67 0.55 0.00	20.30 0.53 0.00	19.91 0.58 0.00	20.29 0.53 0.00	22.51 0.57 0.00	31.30 0.79 0.00	35.04 0.99 0.00	31.71 1.13 0.00	28.71 1.02 0.00	29.31 0.94 0.00	29.38 0.91 0.00	29.66 0.95 0.00	30.11 0.93 0.00	30.86 0.99 0.00	33.07 1.03 0.00	37.99 1.18 0.00	41.16 1.16 0.00	44.86 1.14 0.00	39.22 0.92 0.00	35.57 0.90 0.00	31.37 0.71 0.00	29.11 0.63 0.00	26.69 0.50 0.00
GINNA___ 23603	20.27 -2.18 0.00	19.07 -2.05 0.00	17.85 -1.92 0.00	17.41 -1.91 0.00	17.86 -1.90 0.00	19.85 -2.08 0.00	27.82 -2.68 0.00	30.89 -3.17 0.00	27.89 -2.69 0.00	25.36 -2.33 0.00	25.82 -2.55 0.00	26.05 -2.42 0.00	26.36 -2.35 0.00	26.66 -2.51 0.00	27.42 -2.45 0.00	29.32 -2.72 0.00	33.54 -3.28 0.00	36.36 -3.64 0.00	39.88 -3.85 0.00	35.24 -3.07 0.00	31.58 -3.09 0.00	28.19 -2.48 0.00	26.26 -2.22 0.00	24.47 -1.73 0.00
GLEN PARK___ 23778	24.15 0.36 -1.34	24.34 0.38 -2.84	21.50 0.32 -1.42	21.11 0.33 -1.46	22.77 0.36 -2.65	26.80 0.50 -4.36	33.02 0.89 -1.63	39.88 1.29 -4.53	30.73 0.79 0.64	27.83 0.58 0.44	29.69 0.34 -0.98	29.73 0.28 -0.97	30.02 0.32 -0.99	30.43 0.26 -1.00	31.18 0.33 -0.98	33.60 0.61 -0.95	35.58 0.88 2.11	41.40 1.40 0.00	46.22 2.49 0.00	40.52 2.22 0.00	36.47 1.80 0.00	32.29 1.62 0.00	29.85 1.37 0.00	27.43 1.23 0.00
GLENDALE_27_KV_LOAD 356172	24.25 1.80 0.00	22.70 1.58 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.52 1.58 0.00	32.61 2.10 0.00	36.78 2.72 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.06 2.70 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.74 2.87 0.00	35.02 2.98 0.00	40.16 3.35 0.00	43.28 3.28 0.00	47.05 3.32 0.00	41.02 2.72 0.00	37.26 2.60 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GLENWOOD_IC_1_G5 23712	24.23 1.77 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.49 1.56 0.00	32.52 2.01 0.00	36.40 2.35 0.00	33.52 2.94 0.00	30.48 2.80 0.00	31.11 2.72 -0.02	31.17 2.68 -0.02	31.47 2.76 0.00	31.94 2.77 0.00	32.56 2.69 0.00	34.73 2.69 0.00	39.87 3.06 0.00	43.28 3.28 0.00	46.96 3.24 0.00	40.72 2.41 0.00	36.85 2.18 0.00	32.60 1.93 0.00	30.36 1.88 0.00	27.69 1.49 0.00
GLENWOOD_IC_2_G1 23688	24.09 1.64 0.00	22.53 1.42 0.00	21.07 1.30 0.00	20.53 1.20 0.00	20.98 1.23 0.00	23.38 1.45 0.00	32.40 1.89 0.00	36.27 2.21 0.00	33.39 2.81 0.00	30.32 2.63 0.00	30.87 2.50 0.00	30.95 2.48 0.00	31.26 2.55 0.00	31.80 2.63 0.00	32.44 2.57 0.00	34.61 2.56 0.00	39.72 2.91 0.00	43.04 3.04 0.00	46.74 3.01 0.00	40.64 2.34 0.00	36.81 2.15 0.00	32.45 1.78 0.00	30.22 1.74 0.00	27.58 1.39 0.00
GLENWOOD_IC_3_G1 23689	24.09 1.64 0.00	22.53 1.42 0.00	21.07 1.30 0.00	20.53 1.20 0.00	20.98 1.23 0.00	23.38 1.45 0.00	32.40 1.89 0.00	36.27 2.21 0.00	33.39 2.81 0.00	30.32 2.63 0.00	30.87 2.50 0.00	30.95 2.48 0.00	31.26 2.55 0.00	31.80 2.63 0.00	32.44 2.57 0.00	34.61 2.56 0.00	39.72 2.91 0.00	43.04 3.04 0.00	46.74 3.01 0.00	40.64 2.34 0.00	36.81 2.15 0.00	32.45 1.78 0.00	30.22 1.74 0.00	27.58 1.39 0.00
GLENWOOD___4 23550	24.23 1.77 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.49 1.56 0.00	32.52 2.01 0.00	36.40 2.35 0.00	33.52 2.94 0.00	30.48 2.80 0.00	31.11 2.72 -0.02	31.17 2.68 -0.02	31.47 2.76 0.00	31.94 2.77 0.00	32.56 2.69 0.00	34.73 2.69 0.00	39.87 3.06 0.00	43.28 3.28 0.00	46.96 3.24 0.00	40.72 2.41 0.00	36.85 2.18 0.00	32.60 1.93 0.00	30.36 1.88 0.00	27.69 1.49 0.00
GLENWOOD___5 23614	24.23 1.77 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.49 1.56 0.00	32.52 2.01 0.00	36.40 2.35 0.00	33.52 2.94 0.00	30.48 2.80 0.00	31.11 2.72 -0.02	31.17 2.68 -0.02	31.47 2.76 0.00	31.94 2.77 0.00	32.56 2.69 0.00	34.73 2.69 0.00	39.87 3.06 0.00	43.28 3.28 0.00	46.96 3.24 0.00	40.72 2.41 0.00	36.85 2.18 0.00	32.60 1.93 0.00	30.36 1.88 0.00	27.69 1.49 0.00
GLOBAL GREEN_PORT_GT1 23814	24.90 2.45 0.00	23.06 1.94 0.00	21.55 1.78 0.00	20.87 1.55 0.00	21.34 1.58 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.33 2.28 0.00	34.34 3.76 0.00	31.37 3.68 0.00	31.70 3.32 -0.01	31.93 3.44 -0.01	31.95 3.24 0.00	32.55 3.38 0.00	32.98 3.11 0.00	34.99 2.95 0.00	40.35 3.53 0.00	44.28 4.28 0.00	47.57 3.85 0.00	40.79 2.49 0.00	36.67 2.01 0.00	32.78 2.11 0.00	30.56 2.08 0.00	28.11 1.91 0.00
GLOBE___DSASP 323697	19.87 -2.58 0.00	18.54 -2.58 0.00	17.35 -2.41 0.00	16.95 -2.38 0.00	17.47 -2.29 0.00	19.33 -2.61 0.00	27.21 -3.29 0.00	29.42 -4.63 0.00	27.22 -3.36 0.00	24.75 -2.93 0.00	25.22 -3.15 0.00	25.71 -2.76 0.00	25.92 -2.78 0.00	26.31 -2.86 0.00	26.56 -3.32 0.00	28.48 -3.56 0.00	32.54 -4.27 0.00	35.04 -4.96 0.00	38.30 -5.42 0.00	34.28 -4.02 0.00	30.64 -4.02 0.00	27.63 -3.04 0.00	26.06 -2.42 0.00	24.96 -1.23 0.00
GOETHSLN___LBMP 323567	23.98 1.53 0.00	22.47 1.35 0.00	21.03 1.27 0.00	20.51 1.18 0.00	20.98 1.23 0.00	23.34 1.40 0.00	32.43 1.92 0.00	36.61 2.55 0.00	33.33 2.75 0.00	30.23 2.55 0.00	30.84 2.47 0.00	30.92 2.45 0.00	31.24 2.53 0.00	31.77 2.60 0.00	32.50 2.63 0.00	34.76 2.72 0.00	39.91 3.09 0.00	43.04 3.04 0.00	46.79 3.06 0.00	40.83 2.53 0.00	37.02 2.36 0.00	32.45 1.78 0.00	30.19 1.71 0.00	27.53 1.34 0.00
GOLAH___69_KV_TB 1_2 80279	21.08 -1.37 0.00	19.81 -1.31 0.00	18.50 -1.27 0.00	18.07 -1.26 0.00	18.55 -1.21 0.00	20.60 -1.34 0.00	28.92 -1.59 0.00	31.74 -2.32 0.00	28.96 -1.62 0.00	26.30 -1.38 0.00	26.75 -1.62 0.00	27.11 -1.37 0.00	27.33 -1.38 0.00	27.74 -1.43 0.00	28.23 -1.64 0.00	30.21 -1.83 0.00	34.53 -2.28 0.00	37.40 -2.60 0.00	41.01 -2.71 0.00	36.46 -1.84 0.00	32.65 -2.01 0.00	29.26 -1.41 0.00	27.37 -1.11 0.00	25.75 -0.45 0.00

GOODYEAR_LAKE_HYD 323669	23.13 0.67 0.00	21.75 0.63 0.00	20.34 0.57 0.00	19.91 0.58 0.00	20.35 0.59 0.00	22.64 0.70 0.00	31.57 1.07 0.00	35.38 1.33 0.00	31.86 1.28 0.00	28.88 1.19 0.00	29.39 1.02 0.00	29.50 1.03 0.00	29.74 1.03 0.00	30.22 1.05 0.00	30.98 1.11 0.00	33.32 1.28 0.00	38.25 1.44 0.00	41.56 1.56 0.00	45.56 1.84 0.00	39.83 1.53 0.00	35.98 1.32 0.00	31.77 1.10 0.00	29.48 1.00 0.00	27.09 0.89 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.14 -0.31 0.00	20.78 -0.34 0.00	19.45 -0.32 0.00	19.00 -0.33 0.00	19.48 -0.28 0.00	21.63 -0.31 0.00	30.29 -0.21 0.00	33.68 -0.37 0.00	30.43 -0.15 0.00	27.55 -0.14 0.00	28.00 -0.37 0.00	28.19 -0.28 0.00	28.45 -0.26 0.00	28.91 -0.26 0.00	29.54 -0.33 0.00	31.72 -0.32 0.00	36.48 -0.33 0.00	39.68 -0.32 0.00	43.38 -0.35 0.00	38.15 -0.15 0.00	34.39 -0.28 0.00	30.48 -0.18 0.00	28.43 -0.06 0.00	26.27 0.08 0.00
GOUDEY___7 23579	22.14 -0.31 0.00	20.78 -0.34 0.00	19.45 -0.32 0.00	19.00 -0.33 0.00	19.48 -0.28 0.00	21.63 -0.31 0.00	30.29 -0.21 0.00	33.68 -0.37 0.00	30.43 -0.15 0.00	27.55 -0.14 0.00	28.00 -0.37 0.00	28.19 -0.28 0.00	28.45 -0.26 0.00	28.91 -0.26 0.00	29.54 -0.33 0.00	31.72 -0.32 0.00	36.48 -0.33 0.00	39.68 -0.32 0.00	43.38 -0.35 0.00	38.15 -0.15 0.00	34.39 -0.28 0.00	30.48 -0.18 0.00	28.43 -0.06 0.00	26.27 0.08 0.00
GOUDEY___8 23580	22.14 -0.31 0.00	20.78 -0.34 0.00	19.45 -0.32 0.00	19.00 -0.33 0.00	19.48 -0.28 0.00	21.63 -0.31 0.00	30.29 -0.21 0.00	33.68 -0.37 0.00	30.43 -0.15 0.00	27.55 -0.14 0.00	28.00 -0.37 0.00	28.19 -0.28 0.00	28.45 -0.26 0.00	28.91 -0.26 0.00	29.54 -0.33 0.00	31.72 -0.32 0.00	36.48 -0.33 0.00	39.68 -0.32 0.00	43.38 -0.35 0.00	38.15 -0.15 0.00	34.39 -0.28 0.00	30.48 -0.18 0.00	28.43 -0.06 0.00	26.27 0.08 0.00
GOWANUS_GT1_1 24077	24.29 1.84 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.07 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	31.04 2.67 0.00	31.09 2.62 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT1_2 24078	24.29 1.84 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.07 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	31.04 2.67 0.00	31.09 2.62 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT1_3 24079	24.29 1.84 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.07 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	31.04 2.67 0.00	31.09 2.62 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT1_4 24080	24.29 1.84 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.07 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	31.04 2.67 0.00	31.09 2.62 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT1_5 24084	24.29 1.84 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.07 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	31.04 2.67 0.00	31.09 2.62 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT1_6 24111	24.29 1.84 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.07 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	31.04 2.67 0.00	31.09 2.62 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT1_7 24112	24.29 1.84 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.07 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	31.04 2.67 0.00	31.09 2.62 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT1_8 24113	24.29 1.84 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.07 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	31.04 2.67 0.00	31.09 2.62 0.00	31.47 2.76 0.00	32.00 2.83 0.00	32.77 2.90 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT2_1 24114	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
GOWANUS_GT2_2 24115	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
GOWANUS_GT2_3 24116	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00

GOWANUS_GT2_4 24117	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
GOWANUS_GT2_5 24118	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
GOWANUS_GT2_6 24119	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
GOWANUS_GT2_7 24120	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
GOWANUS_GT2_8 24121	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
GOWANUS_GT3_1 24122	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT3_2 24123	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
GOWANUS_GT3_3 24124	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.0														

GOWANUS_GT4_3 24132	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00
GOWANUS_GT4_4 24133	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00
GOWANUS_GT4_5 24134	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00
GOWANUS_GT4_6 24135	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00
GOWANUS_GT4_7 24136	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00
GOWANUS_GT4_8 24137	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00
GREENBSH_115KV_TB3 55895	23.22 0.76 0.00	21.88 0.76 0.00	20.48 0.71 0.00	20.04 0.72 0.00	20.45 0.69 0.00	22.66 0.72 0.00	31.51 1.01 0.00	35.28 1.23 0.00	31.89 1.31 0.00	28.85 1.16 0.00	29.42 1.05 0.00	29.50 1.03 0.00	29.71 1.00 0.00	30.16 0.99 0.00	30.95 1.08 0.00	33.19 1.15 0.00	38.14 1.33 0.00	41.44 1.44 0.00	45.17 1.44 0.00	39.45 1.15 0.00	35.74 1.07 0.00	31.50 0.83 0.00	29.19 0.71 0.00	26.74 0.55 0.00
GREENIDGE_115KV_TB5 80291	21.64 -0.81 0.00	20.32 -0.80 0.00	19.00 -0.77 0.00	18.55 -0.77 0.00	19.05 -0.71 0.00	21.17 -0.77 0.00	29.83 -0.67 0.00	33.10 -0.95 0.00	29.75 -0.83 0.00	26.94 -0.75 0.00	27.29 -1.08 0.00	27.50 -0.97 0.00	27.76 -0.95 0.00	28.21 -0.96 0.00	28.83 -1.05 0.00	30.98 -1.06 0.00	35.71 -1.10 0.00	38.56 -1.44 0.00	42.28 -1.44 0.00	37.34 -0.96 0.00	33.83 -0.83 0.00	30.12 -0.55 0.00	28.14 -0.34 0.00	26.14 -0.05 0.00
GREENIDGE___3 23582	21.64 -0.81 0.00	20.32 -0.80 0.00	19.00 -0.77 0.00	18.55 -0.77 0.00	19.05 -0.71 0.00	21.17 -0.77 0.00	29.83 -0.67 0.00	33.10 -0.95 0.00	29.75 -0.83 0.00	26.94 -0.75 0.00	27.29 -1.08 0.00	27.50 -0.97 0.00	27.76 -0.95 0.00	28.21 -0.96 0.00	28.83 -1.05 0.00	30.98 -1.06 0.00	35.71 -1.10 0.00	38.56 -1.44 0.00	42.28 -1.44 0.00	37.34 -0.96 0.00	33.83 -0.83 0.00	30.12 -0.55 0.00	28.14 -0.34 0.00	26.14 -0.05 0.00
GREENIDGE___4 23583	21.65 -0.81 0.00	20.32 -0.80 0.00	18.99 -0.77 0.00	18.55 -0.77 0.00	19.05 -0.71 0.00	21.17 -0.77 0.00	29.83 -0.67 0.00	33.17 -0.89 0.00	29.72 -0.86 0.00	26.91 -0.78 0.00	27.29 -1.08 0.00	27.48 -1.00 0.00	27.76 -0.95 0.00	28.15 -1.02 0.00	28.89 -0.99 0.00	30.98 -1.06 0.00	35.71 -1.10 0.00	38.60 -1.40 0.00	42.32 -1.40 0.00	37.35 -0.96 0.00	33.83 -0.83 0.00	30.12 -0.55 0.00	28.14 -0.34 0.00	26.14 -0.05 0.00
GREENLWN_69_KV_BK 3 55738	24.41 1.95 0.00	22.68 1.56 0.00	21.23 1.46 0.00	20.58 1.26 0.00	21.08 1.32 0.00	23.58 1.65 0.00	32.43 1.92 0.00	35.76 1.70 0.00	33.39 2.81 0.00	30.65 2.96 0.00	31.16 2.78 -0.01	31.16 2.68 -0.01	31.44 2.73 0.00	31.83 2.65 0.00	32.29 2.42 0.00	34.28 2.24 0.00	39.39 2.58 0.00	42.88 2.88 0.00	46.44 2.71 0.00	40.06 1.76 0.00	36.19 1.53 0.00	32.35 1.69 0.00	30.42 1.94 0.00	27.71 1.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00
GRISSOM___SOLAR 323813	23.91 1.46 0.00	22.53 1.42 0.00	20.99 1.23 0.00	20.51 1.18 0.00	20.98 1.23 0.00	23.36 1.43 0.00	32.64 2.13 0.00	36.54 2.48 0.00	32.78 2.20 0.00	29.48 1.80 0.00	29.73 1.36 0.00	29.75 1.28 0.00	29.94 1.23 0.00	30.40 1.23 0.00	31.25 1.37 0.00	33.93 1.89 0.00	39.06 2.25 0.00	42.76 2.76 0.00	46.83 3.10 0.00	40.91 2.61 0.00	36.99 2.32 0.00	32.63 1.96 0.00	30.19 1.71 0.00	27.69 1.49 0.00
GROVEVILLE___HYD 323602	23.84 1.39 0.00	22.36 1.25 0.00	20.97 1.21 0.00	20.43 1.10 0.00	20.92 1.17 0.00	23.25 1.32 0.00	32.28 1.77 0.00	36.37 2.32 0.00	33.12 2.54 0.00	29.98 2.30 0.00	30.58 2.21 0.00	30.61 2.14 0.00	30.92 2.21 0.00	31.42 2.25 0.00	32.17 2.30 0.00	34.48 2.44 0.00	39.57 2.76 0.00	42.88 2.88 0.00	46.65 2.93 0.00	40.68 2.37 0.00	36.81 2.15 0.00	32.32 1.66 0.00	29.99 1.51 0.00	27.40 1.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.12 -0.34 0.00	20.80 -0.32 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.46 -0.30 0.00	21.61 -0.33 0.00	30.17 -0.34 0.00	33.58 -0.48 0.00	30.21 -0.37 0.00	27.38 -0.30 0.00	27.89 -0.48 0.00	28.02 -0.46 0.00	28.25 -0.46 0.00	28.73 -0.44 0.00	29.39 -0.48 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.77 -0.54 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.11 -0.37 0.00	25.85 -0.34 0.00

HILLBURN___GT 23639	23.78 1.32 0.00	22.30 1.18 0.00	20.87 1.11 0.00	20.35 1.02 0.00	20.84 1.09 0.00	23.16 1.23 0.00	32.21 1.71 0.00	36.23 2.18 0.00	33.03 2.45 0.00	29.90 2.22 0.00	30.47 2.10 0.00	30.55 2.08 0.00	30.86 2.15 0.00	31.39 2.22 0.00	32.08 2.21 0.00	34.38 2.34 0.00	39.47 2.65 0.00	42.76 2.76 0.00	46.53 2.80 0.00	40.56 2.26 0.00	36.71 2.04 0.00	32.23 1.56 0.00	29.93 1.45 0.00	27.32 1.13 0.00
HILLSIDE_115KV_TB1 80332	21.42 -1.03 0.00	20.06 -1.06 0.00	18.78 -0.99 0.00	18.34 -0.99 0.00	18.87 -0.89 0.00	20.93 -1.01 0.00	29.44 -1.07 0.00	32.59 -1.46 0.00	29.54 -1.04 0.00	26.72 -0.97 0.00	27.06 -1.30 0.00	27.31 -1.17 0.00	27.59 -1.12 0.00	28.01 -1.17 0.00	28.56 -1.31 0.00	30.73 -1.31 0.00	35.45 -1.36 0.00	38.56 -1.44 0.00	42.19 -1.53 0.00	37.31 -1.00 0.00	33.49 -1.18 0.00	29.81 -0.86 0.00	27.88 -0.60 0.00	25.93 -0.26 0.00
HISHELDN_WT_PWR 323625	20.39 -2.07 0.00	19.01 -2.11 0.00	17.81 -1.96 0.00	17.36 -1.97 0.00	17.88 -1.88 0.00	19.81 -2.13 0.00	27.94 -2.56 0.00	30.65 -3.40 0.00	27.95 -2.63 0.00	25.33 -2.35 0.00	25.82 -2.55 0.00	26.11 -2.36 0.00	26.44 -2.27 0.00	26.72 -2.45 0.00	27.39 -2.48 0.00	29.35 -2.69 0.00	33.72 -3.09 0.00	36.56 -3.44 0.00	40.10 -3.63 0.00	35.74 -2.57 0.00	32.00 -2.67 0.00	28.83 -1.84 0.00	27.12 -1.37 0.00	25.75 -0.45 0.00
HOLTSVILLE_IC_1 23690	24.68 2.22 0.00	22.91 1.79 0.00	21.41 1.64 0.00	20.76 1.43 0.00	21.26 1.50 0.00	23.84 1.91 0.00	32.58 2.08 0.00	35.96 1.91 0.00	33.88 3.30 0.00	30.92 3.24 0.00	31.38 3.01 -0.01	31.47 2.99 -0.01	31.64 2.93 0.00	32.23 3.06 0.00	32.68 2.81 0.00	34.61 2.56 0.00	39.79 2.98 0.00	43.48 3.48 0.00	46.96 3.24 0.00	40.41 2.11 0.00	36.53 1.87 0.00	32.63 1.96 0.00	30.62 2.14 0.00	27.92 1.73 0.00
HOLTSVILLE_IC_10 23699	24.81 2.36 0.00	23.02 1.90 0.00	21.51 1.74 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.70 2.20 0.00	36.13 2.08 0.00	34.06 3.48 0.00	31.09 3.40 0.00	31.56 3.18 -0.01	31.67 3.19 -0.01	31.84 3.13 0.00	32.41 3.24 0.00	32.86 2.99 0.00	34.83 2.79 0.00	40.05 3.24 0.00	43.80 3.80 0.00	47.31 3.59 0.00	40.72 2.41 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.79 2.31 0.00	28.05 1.86 0.00
HOLTSVILLE_IC_2 23691	24.68 2.22 0.00	22.91 1.79 0.00	21.41 1.64 0.00	20.76 1.43 0.00	21.26 1.50 0.00	23.84 1.91 0.00	32.58 2.08 0.00	35.96 1.91 0.00	33.88 3.30 0.00	30.92 3.24 0.00	31.38 3.01 -0.01	31.47 2.99 -0.01	31.64 2.93 0.00	32.23 3.06 0.00	32.68 2.81 0.00	34.61 2.56 0.00	39.79 2.98 0.00	43.48 3.48 0.00	46.96 3.24 0.00	40.41 2.11 0.00	36.53 1.87 0.00	32.63 1.96 0.00	30.62 2.14 0.00	27.92 1.73 0.00
HOLTSVILLE_IC_3 23692	24.68 2.22 0.00	22.91 1.79 0.00	21.41 1.64 0.00	20.76 1.43 0.00	21.26 1.50 0.00	23.84 1.91 0.00	32.58 2.08 0.00	35.96 1.91 0.00	33.88 3.30 0.00	30.92 3.24 0.00	31.38 3.01 -0.01	31.47 2.99 -0.01	31.64 2.93 0.00	32.23 3.06 0.00	32.68 2.81 0.00	34.61 2.56 0.00	39.79 2.98 0.00	43.48 3.48 0.00	46.96 3.24 0.00	40.41 2.11 0.00	36.53 1.87 0.00	32.63 1.96 0.00	30.62 2.14 0.00	27.92 1.73 0.00
HOLTSVILLE_IC_4 23693	24.68 2.22 0.00	22.91 1.79 0.00	21.41 1.64 0.00	20.76 1.43 0.00	21.26 1.50 0.00	23.84 1.91 0.00	32.58 2.08 0.00	35.96 1.91 0.00	33.88 3.30 0.00	30.92 3.24 0.00	31.38 3.01 -0.01	31.47 2.99 -0.01	31.64 2.93 0.00	32.23 3.06 0.00	32.68 2.81 0.00	34.61 2.56 0.00	39.79 2.98 0.00	43.48 3.48 0.00	46.96 3.24 0.00	40.41 2.11 0.00	36.53 1.87 0.00	32.63 1.96 0.00	30.62 2.14 0.00	27.92 1.73 0.00
HOLTSVILLE_IC_5 23694	24.68 2.22 0.00	22.91 1.79 0.00	21.41 1.64 0.00	20.76 1.43 0.00	21.26 1.50 0.00	23.84 1.91 0.00	32.58 2.08 0.00	35.96 1.91 0.00	33.88 3.30 0.00	30.92 3.24 0.00	31.38 3.01 -0.01	31.47 2.99 -0.01	31.64 2.93 0.00	32.23 3.06 0.00	32.68 2.81 0.00	34.61 2.56 0.00	39.79 2.98 0.00	43.48 3.48 0.00	46.96 3.24 0.00	40.41 2.11 0.00	36.53 1.87 0.00	32.63 1.96 0.00	30.62 2.14 0.00	27.92 1.73 0.00
HOLTSVILLE_IC_6 23695	24.81 2.36 0.00	23.02 1.90 0.00	21.51 1.74 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.70 2.20 0.00	36.13 2.08 0.00	34.06 3.48 0.00	31.09 3.40 0.00	31.56 3.18 -0.01	31.67 3.19 -0.01	31.84 3.13 0.00	32.41 3.24 0.00	32.86 2.99 0.00	34.83 2.79 0.00	40.05 3.24 0.00	43.80 3.80 0.00	47.31 3.59 0.00	40.72 2.41 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.79 2.31 0.00	28.05 1.86 0.00
HOLTSVILLE_IC_7 23696	24.81 2.36 0.00	23.02 1.90 0.00	21.51 1.74 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.70 2.20 0.00	36.13 2.08 0.00	34.06 3.48 0.00	31.09 3.40 0.00	31.56 3.18 -0.01	31.67 3.19 -0.01	31.84 3.13 0.00	32.41 3.24 0.00	32.86 2.99 0.00	34.83 2.79 0.00	40.05 3.24 0.00	43.80 3.80 0.00	47.31 3.59 0.00	40.72 2.41 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.79 2.31 0.00	28.05 1.86 0.00
HOLTSVILLE_IC_8 23697	24.81 2.36 0.00	23.02 1.90 0.00	21.51 1.74 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.70 2.20 0.00	36.13 2.08 0.00	34.06 3.48 0.00	31.09 3.40 0.00	31.56 3.18 -0.01	31.67 3.19 -0.01	31.84 3.13 0.00	32.41 3.24 0.00	32.86 2.99 0.00	34.83 2.79 0.00	40.05 3.24 0.00	43.80 3.80 0.00	47.31 3.59 0.00	40.72 2.41 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.79 2.31 0.00	28.05 1.86 0.00
HOLTSVILLE_IC_9 23698	24.81 2.36 0.00	23.02 1.90 0.00	21.51 1.74 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.70 2.20 0.00	36.13 2.08 0.00	34.06 3.48 0.00	31.09 3.40 0.00	31.56 3.18 -0.01	31.67 3.19 -0.01	31.84 3.13 0.00	32.41 3.24 0.00	32.86 2.99 0.00	34.83 2.79 0.00	40.05 3.24 0.00	43.80 3.80 0.00	47.31 3.59 0.00	40.72 2.41 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.79 2.31 0.00	28.05 1.86 0.00
HOMER_HL_115KV_TB2 355744	21.22 -1.23 0.00	19.72 -1.39 0.00	18.50 -1.27 0.00	18.05 -1.28 0.00	18.65 -1.11 0.00	20.66 -1.27 0.00	29.32 -1.19 0.00	32.01 -2.04 0.00	29.27 -1.31 0.00	26.47 -1.22 0.00	26.81 -1.56 0.00	27.19 -1.28 0.00	27.50 -1.21 0.00	27.92 -1.25 0.00	28.29 -1.58 0.00	30.47 -1.57 0.00	34.57 -2.25 0.00	37.56 -2.44 0.00	41.15 -2.58 0.00	36.77 -1.53 0.00	32.76 -1.91 0.00	29.41 -1.26 0.00	27.63 -0.85 0.00	26.19 0.00 0.00
HOWARD_WT_PWR 323690	20.68 -1.77 0.00	19.32 -1.80 0.00	18.11 -1.66 0.00	17.65 -1.68 0.00	18.16 -1.60 0.00	20.16 -1.78 0.00	28.43 -2.08 0.00	31.36 -2.69 0.00	28.44 -2.14 0.00	25.80 -1.88 0.00	26.13 -2.24 0.00	26.22 -2.25 0.00	26.61 -2.09 0.00	26.93 -2.25 0.00	27.66 -2.21 0.00	29.70 -2.34 0.00	34.27 -2.54 0.00	37.32 -2.68 0.00	41.01 -2.71 0.00	36.46 -1.84 0.00	32.72 -1.94 0.00	29.38 -1.29 0.00	27.60 -0.88 0.00	25.93 -0.26 0.00

HQ_GEN_CEDARS 23644	26.90 0.25 -4.20	31.91 0.30 -10.49	24.66 0.24 -4.65	24.42 0.27 -4.82	29.80 0.28 -9.77	39.34 0.48 -16.92	36.54 0.92 -5.11	52.60 1.46 -17.09	26.89 0.64 4.33	24.68 0.36 3.37	31.04 0.14 -2.53	31.03 0.06 -2.50	31.36 0.09 -2.56	31.83 0.09 -2.57	32.48 0.15 -2.46	34.78 0.48 -2.26	27.87 0.92 9.86	41.64 1.64 0.00	46.70 2.97 0.00	40.98 2.68 0.00	37.06 2.39 0.00	32.82 2.15 0.00	30.31 1.82 0.00	27.92 1.73 0.00
HQ_GEN_CEDARS_PROXY 323590	26.90 0.25 -4.20	31.91 0.30 -10.49	24.66 0.24 -4.65	24.42 0.27 -4.82	29.80 0.28 -9.77	39.34 0.48 -16.92	36.53 0.91 -5.11	52.60 1.46 -17.09	26.90 0.64 4.33	24.68 0.36 3.37	31.04 0.14 -2.53	31.03 0.06 -2.50	31.36 0.09 -2.56	31.80 0.06 -2.57	32.48 0.15 -2.46	34.78 0.48 -2.26	27.87 0.92 9.86	41.64 1.64 0.00	46.74 3.01 0.00	41.02 2.72 0.00	37.05 2.39 0.00	32.81 2.15 0.00	30.31 1.82 0.00	27.92 1.73 0.00
HQ_GEN_IMPORT 323601	19.41 -0.13 2.91	18.96 -0.13 2.03	17.09 -0.12 2.55	16.73 -0.12 2.49	17.68 -0.12 1.96	20.77 -0.13 1.04	26.84 -0.21 3.46	31.45 -0.24 2.37	21.74 -0.46 8.38	19.72 -0.41 7.55	24.65 -0.23 3.49	24.74 -0.23 3.51	24.94 -0.23 3.54	25.35 -0.23 3.59	25.96 -0.24 3.68	27.86 -0.26 3.92	32.74 -0.26 3.82	39.76 -0.24 0.00	43.55 -0.17 0.00	38.19 -0.11 0.00	34.63 -0.03 0.00	30.70 0.03 0.00	28.51 0.03 0.00	26.25 0.05 0.00
HQ_GEN_WHEEL 23651	19.41 -0.13 2.91	18.96 -0.13 2.03	17.09 -0.12 2.55	16.73 -0.12 2.49	17.68 -0.12 1.96	20.77 -0.13 1.04	26.84 -0.21 3.46	31.45 -0.24 2.37	21.74 -0.46 8.38	19.72 -0.41 7.55	24.65 -0.23 3.49	24.74 -0.23 3.51	24.94 -0.23 3.54	25.35 -0.23 3.59	25.96 -0.24 3.68	27.86 -0.26 3.92	32.74 -0.26 3.82	39.76 -0.24 0.00	43.55 -0.17 0.00	38.19 -0.11 0.00	34.63 -0.03 0.00	30.70 0.03 0.00	28.51 0.03 0.00	26.25 0.05 0.00
HUDSON AVE_GT_3 23810	24.09 1.64 0.00	22.55 1.44 0.00	21.11 1.34 0.00	20.56 1.24 0.00	21.04 1.28 0.00	23.41 1.47 0.00	32.52 2.01 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.95 2.58 0.00	31.04 2.56 0.00	31.35 2.64 0.00	31.88 2.71 0.00	32.62 2.75 0.00	34.89 2.85 0.00	40.05 3.24 0.00	43.20 3.20 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.16 2.50 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.64 1.44 0.00
HUDSON AVE_GT_4 23540	24.09 1.64 0.00	22.55 1.44 0.00	21.11 1.34 0.00	20.56 1.24 0.00	21.04 1.28 0.00	23.41 1.47 0.00	32.52 2.01 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.95 2.58 0.00	31.04 2.56 0.00	31.35 2.64 0.00	31.88 2.71 0.00	32.62 2.75 0.00	34.89 2.85 0.00	40.05 3.24 0.00	43.20 3.20 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.16 2.50 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.64 1.44 0.00
HUDSON AVE_GT_5 23657	24.09 1.64 0.00	22.55 1.44 0.00	21.11 1.34 0.00	20.56 1.24 0.00	21.04 1.28 0.00	23.41 1.47 0.00	32.52 2.01 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.95 2.58 0.00	31.04 2.56 0.00	31.35 2.64 0.00	31.88 2.71 0.00	32.62 2.75 0.00	34.89 2.85 0.00	40.05 3.24 0.00	43.20 3.20 0.00	47.00 3.28 0.00	40.98 2.68 0.00	37.16 2.50 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.64 1.44 0.00
HUDSON_AVE_10 24168	24.00 1.55 0.00	22.47 1.35 0.00	21.03 1.27 0.00	20.49 1.16 0.00	20.96 1.21 0.00	23.34 1.40 0.00	32.43 1.92 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.87 2.50 0.00	30.95 2.48 0.00	31.26 2.56 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.48 1.81 0.00	30.22 1.74 0.00	27.56 1.36 0.00
HUDSON___115KV_TB 4 355613	23.49 1.03 0.00	22.15 1.03 0.00	20.71 0.95 0.00	20.27 0.95 0.00	20.71 0.95 0.00	22.95 1.01 0.00	31.94 1.43 0.00	35.76 1.70 0.00	32.29 1.71 0.00	29.10 1.41 0.00	29.59 1.22 0.00	29.58 1.11 0.00	29.77 1.06 0.00	30.19 1.02 0.00	31.01 1.14 0.00	33.32 1.28 0.00	38.43 1.62 0.00	42.00 2.00 0.00	45.87 2.14 0.00	40.03 1.72 0.00	36.19 1.53 0.00	31.93 1.26 0.00	29.56 1.08 0.00	27.09 0.89 0.00
HUNTER MOUNT___DRP 323613	23.53 1.08 0.00	22.20 1.08 0.00	20.77 1.01 0.00	20.31 0.99 0.00	20.77 1.01 0.00	22.97 1.03 0.00	32.00 1.49 0.00	35.82 1.77 0.00	32.29 1.71 0.00	29.10 1.41 0.00	29.53 1.16 0.00	29.47 1.00 0.00	29.69 0.98 0.00	30.08 0.90 0.00	30.92 1.05 0.00	33.26 1.22 0.00	38.40 1.58 0.00	42.08 2.08 0.00	45.91 2.19 0.00	40.06 1.76 0.00	36.22 1.56 0.00	31.96 1.29 0.00	29.59 1.11 0.00	27.14 0.94 0.00
HUNTINGTON_RES_REC 323705	24.56 2.11 0.00	22.83 1.71 0.00	21.31 1.54 0.00	20.68 1.35 0.00	21.18 1.42 0.00	23.74 1.80 0.00	32.52 2.01 0.00	35.79 1.74 0.00	33.79 3.21 0.00	30.87 3.18 0.00	31.33 2.95 -0.01	31.42 2.93 -0.01	31.58 2.87 0.00	32.15 2.98 0.00	32.59 2.72 0.00	34.47 2.43 0.00	39.65 2.83 0.00	43.32 3.32 0.00	46.83 3.10 0.00	40.33 2.03 0.00	36.43 1.77 0.00	32.54 1.87 0.00	30.59 2.11 0.00	27.85 1.65 0.00
HUNTLEY___63 23557	20.41 -2.04 0.00	19.01 -2.11 0.00	17.81 -1.96 0.00	17.38 -1.95 0.00	17.92 -1.84 0.00	19.81 -2.13 0.00	27.97 -2.53 0.00	30.38 -3.68 0.00	28.04 -2.54 0.00	25.50 -2.19 0.00	25.99 -2.38 0.00	26.45 -2.02 0.00	26.70 -2.01 0.00	27.10 -2.07 0.00	27.36 -2.51 0.00	29.38 -2.66 0.00	33.57 -3.24 0.00	36.12 -3.88 0.00	39.53 -4.20 0.00	35.39 -2.91 0.00	31.61 -3.05 0.00	28.52 -2.15 0.00	26.86 -1.62 0.00	25.67 -0.52 0.00
HUNTLEY___64 23558	20.41 -2.04 0.00	19.01 -2.11 0.00	17.81 -1.96 0.00	17.38 -1.95 0.00	17.92 -1.84 0.00	19.81 -2.13 0.00	27.97 -2.53 0.00	30.38 -3.68 0.00	28.04 -2.54 0.00	25.50 -2.19 0.00	25.99 -2.38 0.00	26.45 -2.02 0.00	26.70 -2.01 0.00	27.10 -2.07 0.00	27.36 -2.51 0.00	29.38 -2.66 0.00	33.57 -3.24 0.00	36.12 -3.88 0.00	39.53 -4.20 0.00	35.39 -2.91 0.00	31.61 -3.05 0.00	28.52 -2.15 0.00	26.86 -1.62 0.00	25.67 -0.52 0.00
HUNTLEY___65 23559	20.41 -2.04 0.00	19.01 -2.11 0.00	17.81 -1.96 0.00	17.38 -1.95 0.00	17.92 -1.84 0.00	19.81 -2.13 0.00	27.97 -2.53 0.00	30.38 -3.68 0.00	28.04 -2.54 0.00	25.50 -2.19 0.00	25.99 -2.38 0.00	26.45 -2.02 0.00	26.70 -2.01 0.00	27.10 -2.07 0.00	27.36 -2.51 0.00	29.38 -2.66 0.00	33.57 -3.24 0.00	36.12 -3.88 0.00	39.53 -4.20 0.00	35.39 -2.91 0.00	31.61 -3.05 0.00	28.52 -2.15 0.00	26.86 -1.62 0.00	25.67 -0.52 0.00
HUNTLEY___66 23560	20.41 -2.04 0.00	19.01 -2.11 0.00	17.81 -1.96 0.00	17.38 -1.95 0.00	17.92 -1.84 0.00	19.81 -2.13 0.00	27.97 -2.53 0.00	30.38 -3.68 0.00	28.04 -2.54 0.00	25.50 -2.19 0.00	25.99 -2.38 0.00	26.45 -2.02 0.00	26.70 -2.01 0.00	27.10 -2.07 0.00	27.36 -2.51 0.00	29.38 -2.66 0.00	33.57 -3.24 0.00	36.12 -3.88 0.00	39.53 -4.20 0.00	35.39 -2.91 0.00	31.61 -3.05 0.00	28.52 -2.15 0.00	26.86 -1.62 0.00	25.67 -0.52 0.00

HUNTLEY___67 23561	20.32 -2.13 0.00	18.92 -2.20 0.00	17.73 -2.04 0.00	17.32 -2.01 0.00	17.84 -1.92 0.00	19.74 -2.19 0.00	27.85 -2.65 0.00	30.24 -3.81 0.00	27.89 -2.69 0.00	25.33 -2.35 0.00	25.79 -2.58 0.00	26.25 -2.22 0.00	26.50 -2.21 0.00	26.90 -2.28 0.00	27.18 -2.69 0.00	29.19 -2.85 0.00	33.39 -3.42 0.00	36.00 -4.00 0.00	39.35 -4.37 0.00	35.24 -3.06 0.00	31.48 -3.19 0.00	28.37 -2.30 0.00	26.72 -1.77 0.00	25.51 -0.68 0.00
HUNTLEY___68 23562	20.32 -2.13 0.00	18.92 -2.20 0.00	17.73 -2.04 0.00	17.32 -2.01 0.00	17.84 -1.92 0.00	19.74 -2.19 0.00	27.85 -2.65 0.00	30.24 -3.81 0.00	27.89 -2.69 0.00	25.33 -2.35 0.00	25.79 -2.58 0.00	26.25 -2.22 0.00	26.50 -2.21 0.00	26.90 -2.28 0.00	27.18 -2.69 0.00	29.19 -2.85 0.00	33.39 -3.42 0.00	36.00 -4.00 0.00	39.35 -4.37 0.00	35.24 -3.06 0.00	31.48 -3.19 0.00	28.37 -2.30 0.00	26.72 -1.77 0.00	25.51 -0.68 0.00
HYLAND___LFGE 323620	21.69 -0.76 0.00	20.38 -0.74 0.00	19.04 -0.73 0.00	18.57 -0.75 0.00	19.09 -0.67 0.00	21.23 -0.70 0.00	29.99 -0.52 0.00	33.30 -0.75 0.00	29.88 -0.70 0.00	26.77 -0.91 0.00	26.89 -1.48 0.00	27.05 -1.42 0.00	27.42 -1.29 0.00	27.77 -1.40 0.00	28.59 -1.28 0.00	30.82 -1.22 0.00	35.71 -1.10 0.00	39.16 -0.84 0.00	43.46 -0.26 0.00	38.68 0.38 0.00	34.60 -0.07 0.00	30.98 0.31 0.00	28.91 0.43 0.00	27.01 0.81 0.00
INDECK___CORINTH 23802	24.09 1.64 0.00	22.70 1.58 0.00	21.17 1.40 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.49 1.56 0.00	32.00 1.49 0.00	35.82 1.77 0.00	32.35 1.77 0.00	29.23 1.55 0.00	29.67 1.31 0.00	29.70 1.22 0.00	29.77 1.06 0.00	30.13 0.96 0.00	30.89 1.02 0.00	33.19 1.15 0.00	38.21 1.40 0.00	41.80 1.80 0.00	45.69 1.97 0.00	39.87 1.57 0.00	36.01 1.35 0.00	31.77 1.10 0.00	29.48 1.00 0.00	27.01 0.81 0.00
INDECK___ILION 23567	23.45 0.20 -0.80	21.71 0.17 -0.42	20.61 0.16 -0.68	20.14 0.15 -0.66	20.33 0.16 -0.41	22.13 0.20 0.00	31.70 0.24 -0.95	34.72 0.27 -0.40	32.33 0.28 -1.47	29.23 0.22 -1.32	29.57 0.20 -1.01	29.68 0.20 -1.01	29.90 0.17 -1.02	30.38 0.18 -1.03	31.11 0.18 -1.06	33.37 0.19 -1.14	38.37 0.22 -1.33	40.24 0.24 0.00	44.03 0.31 0.00	38.53 0.23 0.00	34.91 0.24 0.00	30.88 0.21 0.00	28.68 0.20 0.00	26.40 0.21 0.00
INDECK___OLEAN 23982	21.22 -1.23 0.00	19.75 -1.37 0.00	18.52 -1.24 0.00	18.05 -1.28 0.00	18.65 -1.11 0.00	20.69 -1.25 0.00	29.32 -1.19 0.00	32.11 -1.94 0.00	29.20 -1.38 0.00	26.41 -1.27 0.00	26.81 -1.56 0.00	27.13 -1.34 0.00	27.50 -1.20 0.00	27.80 -1.37 0.00	28.41 -1.46 0.00	30.47 -1.57 0.00	34.61 -2.21 0.00	37.68 -2.32 0.00	41.23 -2.49 0.00	36.77 -1.53 0.00	32.76 -1.91 0.00	29.41 -1.26 0.00	27.63 -0.85 0.00	26.19 0.00 0.00
INDECK___OSWEGO 23783	22.31 -0.58 -0.45	21.17 -0.55 -0.60	19.68 -0.51 -0.43	19.25 -0.50 -0.43	19.83 -0.49 -0.57	22.14 -0.55 -0.75	30.31 -0.73 -0.53	34.02 -0.92 -0.89	30.05 -0.82 -0.29	27.22 -0.75 -0.28	27.93 -0.88 -0.44	28.03 -0.88 -0.44	28.27 -0.89 -0.45	28.72 -0.90 -0.45	29.40 -0.93 -0.46	31.52 -0.99 -0.47	35.67 -1.14 0.00	38.84 -1.16 0.00	42.46 -1.27 0.00	37.27 -1.03 0.00	33.63 -1.04 0.00	29.78 -0.89 0.00	27.68 -0.80 0.00	25.46 -0.73 0.00
INDECK___YERKES 23781	20.43 -2.02 0.00	19.03 -2.09 0.00	17.83 -1.94 0.00	17.40 -1.93 0.00	17.92 -1.84 0.00	19.85 -2.08 0.00	28.01 -2.50 0.00	30.61 -3.44 0.00	28.01 -2.57 0.00	25.44 -2.24 0.00	26.01 -2.35 0.00	26.37 -2.11 0.00	26.70 -2.01 0.00	26.93 -2.25 0.00	27.57 -2.30 0.00	29.41 -2.63 0.00	33.61 -3.20 0.00	36.24 -3.76 0.00	39.70 -4.02 0.00	35.43 -2.87 0.00	31.65 -3.02 0.00	28.55 -2.12 0.00	26.89 -1.59 0.00	25.70 -0.50 0.00
INDIAN POINT_GT_1 24139	23.82 1.37 0.00	22.32 1.20 0.00	20.91 1.15 0.00	20.39 1.06 0.00	20.87 1.11 0.00	23.19 1.25 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.06 2.48 0.00	29.93 2.24 0.00	30.55 2.18 0.00	30.61 2.14 0.00	30.92 2.21 0.00	31.45 2.28 0.00	32.17 2.30 0.00	34.44 2.40 0.00	39.54 2.72 0.00	42.76 2.76 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.35 1.15 0.00
INDIAN POINT_GT_2 23659	23.82 1.37 0.00	22.32 1.20 0.00	20.91 1.15 0.00	20.39 1.06 0.00	20.87 1.11 0.00	23.19 1.25 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.06 2.48 0.00	29.93 2.24 0.00	30.55 2.18 0.00	30.61 2.14 0.00	30.92 2.21 0.00	31.45 2.28 0.00	32.17 2.30 0.00	34.44 2.40 0.00	39.54 2.72 0.00	42.76 2.76 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.35 1.15 0.00
INDIAN POINT_GT_3 24019	23.82 1.37 0.00	22.32 1.20 0.00	20.91 1.15 0.00	20.39 1.06 0.00	20.87 1.11 0.00	23.19 1.25 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.06 2.48 0.00	29.93 2.24 0.00	30.55 2.18 0.00	30.61 2.14 0.00	30.92 2.21 0.00	31.45 2.28 0.00	32.17 2.30 0.00	34.44 2.40 0.00	39.54 2.72 0.00	42.76 2.76 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.35 1.15 0.00
INDIAN POINT___2 23530	23.80 1.35 0.00	22.32 1.20 0.00	20.89 1.13 0.00	20.37 1.04 0.00	20.84 1.09 0.00	23.19 1.25 0.00	32.21 1.71 0.00	36.23 2.18 0.00	33.03 2.45 0.00	29.93 2.24 0.00	30.50 2.13 0.00	30.61 2.14 0.00	30.89 2.18 0.00	31.42 2.25 0.00	32.14 2.27 0.00	34.41 2.37 0.00	39.50 2.69 0.00	42.72 2.72 0.00	46.53 2.80 0.00	40.56 2.26 0.00	36.71 2.04 0.00	32.23 1.56 0.00	29.93 1.45 0.00	27.32 1.13 0.00
INDIAN POINT___3 23531	23.80 1.35 0.00	22.30 1.18 0.00	20.89 1.13 0.00	20.37 1.04 0.00	20.85 1.09 0.00	23.19 1.25 0.00	32.21 1.71 0.00	36.27 2.21 0.00	33.00 2.42 0.00	29.90 2.21 0.00	30.50 2.13 0.00	30.58 2.11 0.00	30.86 2.15 0.00	31.39 2.22 0.00	32.11 2.24 0.00	34.41 2.37 0.00	39.50 2.69 0.00	42.72 2.72 0.00	46.48 2.75 0.00	40.56 2.26 0.00	36.71 2.05 0.00	32.23 1.56 0.00	29.93 1.45 0.00	27.35 1.15 0.00
INGHAM_C_115KV_TB7 356103	23.45 0.20 -0.80	21.71 0.17 -0.42	20.59 0.14 -0.68	20.14 0.15 -0.66	20.35 0.18 -0.41	22.16 0.22 0.00	31.67 0.21 -0.95	34.69 0.24 -0.40	32.20 0.15 -1.47	29.09 0.08 -1.32	29.43 0.06 -1.01	29.54 0.06 -1.01	29.76 0.03 -1.02	30.23 0.03 -1.03	30.96 0.03 -1.06	33.21 0.03 -1.14	38.15 0.00 -1.33	40.00 0.00 0.00	43.86 0.13 0.00	38.38 0.08 0.00	34.84 0.17 0.00	30.85 0.18 0.00	28.68 0.20 0.00	26.43 0.24 0.00
IP CORINTH___1 23988	24.09 1.64 0.00	22.70 1.58 0.00	21.17 1.40 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.49 1.56 0.00	32.15 1.65 0.00	36.03 1.98 0.00	32.51 1.93 0.00	29.37 1.69 0.00	29.82 1.45 0.00	29.84 1.37 0.00	29.91 1.21 0.00	30.25 1.08 0.00	31.04 1.16 0.00	33.35 1.31 0.00	38.40 1.58 0.00	42.04 2.04 0.00	45.95 2.23 0.00	40.06 1.76 0.00	36.19 1.53 0.00	31.93 1.26 0.00	29.62 1.14 0.00	27.14 0.94 0.00

IP___TICONDEROGA 23804	25.03 2.58 0.00	23.61 2.49 0.00	21.94 2.17 0.00	21.42 2.09 0.00	21.89 2.13 0.00	24.35 2.41 0.00	33.65 3.14 0.00	37.70 3.64 0.00	34.00 3.42 0.00	30.59 2.91 0.00	30.92 2.55 0.00	30.89 2.42 0.00	30.98 2.27 0.00	31.24 2.07 0.00	32.08 2.21 0.00	34.48 2.44 0.00	39.80 2.98 0.00	43.88 3.88 0.00	48.18 4.46 0.00	41.94 3.64 0.00	37.78 3.12 0.00	33.34 2.67 0.00	30.85 2.36 0.00	28.24 2.04 0.00
ISLIP_RES_REC 323679	24.88 2.43 0.00	23.08 1.96 0.00	21.56 1.80 0.00	20.91 1.59 0.00	21.40 1.64 0.00	24.02 2.09 0.00	32.82 2.32 0.00	36.30 2.25 0.00	34.22 3.64 0.00	31.20 3.52 0.00	31.70 3.32 -0.01	31.84 3.36 -0.01	31.98 3.27 0.00	32.55 3.38 0.00	33.01 3.14 0.00	34.99 2.95 0.00	40.24 3.42 0.00	44.04 4.04 0.00	47.57 3.85 0.00	40.91 2.61 0.00	36.92 2.25 0.00	32.97 2.30 0.00	30.88 2.39 0.00	28.16 1.97 0.00
JAMAICA__27_KV_LOAD 355505	23.98 1.53 0.00	22.45 1.33 0.00	21.01 1.25 0.00	20.47 1.14 0.00	20.92 1.17 0.00	23.34 1.40 0.00	32.52 2.01 0.00	36.78 2.72 0.00	33.52 2.94 0.00	30.40 2.71 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.68 2.81 0.00	34.96 2.92 0.00	40.16 3.35 0.00	43.36 3.36 0.00	47.14 3.41 0.00	41.10 2.80 0.00	37.30 2.63 0.00	32.60 1.93 0.00	30.31 1.82 0.00	27.61 1.41 0.00
JANIS___SOLAR 323808	22.86 0.40 0.00	21.48 0.36 0.00	20.06 0.30 0.00	19.66 0.33 0.00	20.15 0.40 0.00	22.46 0.53 0.00	31.51 1.01 0.00	35.28 1.22 0.00	31.50 0.92 0.00	28.38 0.69 0.00	28.71 0.34 0.00	28.79 0.31 0.00	29.00 0.29 0.00	29.46 0.29 0.00	30.32 0.45 0.00	32.65 0.61 0.00	37.70 0.88 0.00	41.24 1.24 0.00	45.39 1.66 0.00	39.84 1.53 0.00	35.88 1.21 0.00	31.80 1.14 0.00	29.54 1.05 0.00	27.22 1.02 0.00
JARVIS____ 23743	23.37 0.11 -0.80	21.64 0.11 -0.42	20.55 0.10 -0.68	20.09 0.10 -0.66	20.27 0.10 -0.41	22.05 0.11 0.00	31.61 0.15 -0.95	34.62 0.17 -0.40	32.29 0.24 -1.47	29.20 0.20 -1.32	29.55 0.17 -1.01	29.63 0.14 -1.01	29.87 0.14 -1.02	30.35 0.15 -1.03	31.08 0.15 -1.06	33.37 0.19 -1.14	38.33 0.18 -1.33	40.16 0.16 0.00	43.90 0.18 0.00	38.46 0.15 0.00	34.80 0.14 0.00	30.79 0.12 0.00	28.57 0.09 0.00	26.27 0.08 0.00
JENNISON___1 23625	23.10 0.65 0.00	21.71 0.59 0.00	20.30 0.53 0.00	19.89 0.56 0.00	20.37 0.61 0.00	22.68 0.75 0.00	31.73 1.22 0.00	35.55 1.50 0.00	31.96 1.38 0.00	28.93 1.25 0.00	29.39 1.02 0.00	29.50 1.03 0.00	29.77 1.06 0.00	30.22 1.05 0.00	30.98 1.11 0.00	33.29 1.25 0.00	38.29 1.47 0.00	41.68 1.68 0.00	45.82 2.10 0.00	40.14 1.84 0.00	36.15 1.49 0.00	32.05 1.38 0.00	29.74 1.25 0.00	27.40 1.20 0.00
JENNISON___2 23626	23.10 0.65 0.00	21.71 0.59 0.00	20.30 0.53 0.00	19.89 0.56 0.00	20.37 0.61 0.00	22.68 0.75 0.00	31.73 1.22 0.00	35.55 1.50 0.00	31.96 1.38 0.00	28.93 1.25 0.00	29.39 1.02 0.00	29.50 1.03 0.00	29.77 1.06 0.00	30.22 1.05 0.00	30.98 1.11 0.00	33.29 1.25 0.00	38.29 1.47 0.00	41.68 1.68 0.00	45.82 2.10 0.00	40.14 1.84 0.00	36.15 1.49 0.00	32.05 1.38 0.00	29.74 1.25 0.00	27.40 1.20 0.00
JERICHO_RISE_WT_PWR 323719	-7.41 -0.96 28.90	-8.20 -0.89 28.43	-7.47 -0.83 26.41	-7.50 -0.79 26.03	-8.11 -0.83 27.04	-7.97 -0.83 29.07	-6.49 -1.16 35.84	-7.79 -1.16 40.69	-5.87 -1.44 35.01	-5.97 -1.33 32.33	-6.21 -1.19 33.38	-6.23 -1.22 33.48	-6.31 -1.23 33.79	-6.30 -1.22 34.25	-6.29 -1.28 34.88	-6.02 -1.28 36.78	14.02 -1.25 21.54	39.00 -1.00 0.00	43.11 -0.61 0.00	37.99 -0.31 0.00	34.60 -0.07 0.00	30.76 0.09 0.00	28.65 0.17 0.00	26.51 0.32 0.00
KATONAH__115KV_46KV_TB4 355592	23.93 1.48 0.00	22.45 1.33 0.00	21.03 1.27 0.00	20.51 1.18 0.00	20.98 1.23 0.00	23.32 1.38 0.00	32.40 1.89 0.00	36.50 2.45 0.00	33.30 2.72 0.00	30.15 2.46 0.00	30.78 2.41 0.00	30.86 2.39 0.00	31.15 2.44 0.00	31.74 2.57 0.00	32.47 2.60 0.00	34.76 2.72 0.00	39.83 3.02 0.00	43.08 3.08 0.00	46.96 3.24 0.00	40.91 2.60 0.00	37.06 2.39 0.00	32.42 1.75 0.00	30.11 1.62 0.00	27.48 1.28 0.00
KCE_NY_1 323755	23.87 1.42 0.00	22.47 1.35 0.00	20.97 1.21 0.00	20.49 1.16 0.00	20.94 1.19 0.00	23.25 1.32 0.00	32.24 1.74 0.00	36.10 2.04 0.00	32.63 2.05 0.00	29.48 1.80 0.00	29.99 1.62 0.00	30.04 1.56 0.00	30.20 1.49 0.00	30.63 1.46 0.00	31.39 1.52 0.00	33.74 1.70 0.00	38.80 1.99 0.00	42.32 2.32 0.00	46.17 2.45 0.00	40.33 2.03 0.00	36.47 1.80 0.00	32.20 1.53 0.00	29.85 1.37 0.00	27.35 1.15 0.00
KCE_NY_6_ESR 323823	20.61 -1.84 0.00	19.20 -1.92 0.00	17.99 -1.78 0.00	17.55 -1.78 0.00	18.10 -1.66 0.00	20.05 -1.89 0.00	28.31 -2.20 0.00	30.95 -3.10 0.00	28.29 -2.29 0.00	25.67 -2.02 0.00	26.19 -2.18 0.00	26.54 -1.94 0.00	26.87 -1.84 0.00	27.13 -2.04 0.00	27.78 -2.09 0.00	29.67 -2.37 0.00	33.98 -2.83 0.00	36.72 -3.28 0.00	40.23 -3.50 0.00	35.89 -2.41 0.00	32.06 -2.60 0.00	28.89 -1.78 0.00	27.20 -1.28 0.00	25.93 -0.26 0.00
KEDC_PORT_JEFF_GT2 24210	24.79 2.33 0.00	23.02 1.90 0.00	21.48 1.72 0.00	20.84 1.51 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.70 2.20 0.00	36.13 2.08 0.00	34.06 3.48 0.00	31.09 3.40 0.00	31.56 3.18 -0.01	31.67 3.19 -0.01	31.81 3.10 0.00	32.41 3.24 0.00	32.86 2.99 0.00	34.80 2.76 0.00	40.01 3.20 0.00	43.80 3.80 0.00	47.31 3.59 0.00	40.68 2.38 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.76 2.28 0.00	28.05 1.86 0.00
KEDC_PORT_JEFF_GT3 24211	24.79 2.33 0.00	23.02 1.90 0.00	21.48 1.72 0.00	20.84 1.51 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.70 2.20 0.00	36.13 2.08 0.00	34.06 3.48 0.00	31.09 3.40 0.00	31.56 3.18 -0.01	31.67 3.19 -0.01	31.81 3.10 0.00	32.41 3.24 0.00	32.86 2.99 0.00	34.80 2.76 0.00	40.01 3.20 0.00	43.80 3.80 0.00	47.31 3.59 0.00	40.68 2.38 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.76 2.28 0.00	28.05 1.86 0.00
KEDC_GLWD_GT4 24219	24.23 1.77 0.00	22.64 1.52 0.00	21.17 1.40 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.52 1.58 0.00	32.52 2.01 0.00	36.33 2.28 0.00	33.58 3.00 0.00	30.51 2.83 0.00	31.11 2.72 -0.02	31.20 2.71 -0.02	31.47 2.76 0.00	32.03 2.86 0.00	32.62 2.75 0.00	34.73 2.69 0.00	39.87 3.05 0.00	43.24 3.24 0.00	46.96 3.24 0.00	40.72 2.41 0.00	36.85 2.19 0.00	32.60 1.93 0.00	30.36 1.88 0.00	27.69 1.49 0.00
KEDC_GLWD_GT5 24220	24.23 1.77 0.00	22.64 1.52 0.00	21.17 1.40 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.52 1.58 0.00	32.52 2.01 0.00	36.33 2.28 0.00	33.58 3.00 0.00	30.51 2.83 0.00	31.11 2.72 -0.02	31.20 2.71 -0.02	31.47 2.76 0.00	32.03 2.86 0.00	32.62 2.75 0.00	34.73 2.69 0.00	39.87 3.05 0.00	43.24 3.24 0.00	46.96 3.24 0.00	40.72 2.41 0.00	36.85 2.19 0.00	32.60 1.93 0.00	30.36 1.88 0.00	27.69 1.49 0.00

KENSICO____ 23655	23.89 1.44 0.00	22.39 1.27 0.00	20.97 1.21 0.00	20.45 1.12 0.00	20.90 1.15 0.00	23.25 1.32 0.00	32.31 1.80 0.00	36.40 2.35 0.00	33.15 2.57 0.00	30.04 2.35 0.00	30.64 2.27 0.00	30.72 2.25 0.00	31.03 2.33 0.00	31.53 2.36 0.00	32.26 2.39 0.00	34.54 2.50 0.00	39.65 2.83 0.00	42.88 2.88 0.00	46.65 2.93 0.00	40.68 2.37 0.00	36.85 2.18 0.00	32.36 1.69 0.00	30.05 1.57 0.00	27.43 1.23 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.73 1.28 0.00	22.24 1.12 0.00	20.85 1.09 0.00	20.33 1.01 0.00	20.83 1.07 0.00	23.14 1.21 0.00	32.15 1.65 0.00	36.23 2.18 0.00	32.93 2.35 0.00	29.82 2.13 0.00	30.41 2.04 0.00	30.41 1.94 0.00	30.72 2.01 0.00	31.21 2.04 0.00	31.99 2.12 0.00	34.32 2.27 0.00	39.43 2.61 0.00	42.76 2.76 0.00	46.52 2.80 0.00	40.60 2.30 0.00	36.71 2.05 0.00	32.26 1.59 0.00	29.93 1.45 0.00	27.35 1.15 0.00
KIAC_JFK_GT1 23816	23.87 1.41 0.00	22.34 1.22 0.00	20.91 1.15 0.00	20.37 1.04 0.00	20.83 1.07 0.00	23.21 1.27 0.00	32.34 1.83 0.00	36.57 2.52 0.00	33.33 2.75 0.00	30.23 2.55 0.00	30.84 2.47 0.00	30.89 2.42 0.00	31.24 2.53 0.00	31.77 2.60 0.00	32.53 2.66 0.00	34.76 2.72 0.00	39.94 3.13 0.00	43.08 3.08 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.09 2.43 0.00	32.42 1.75 0.00	30.16 1.68 0.00	27.48 1.28 0.00
KIAC_JFK_GT2 23817	23.87 1.41 0.00	22.34 1.22 0.00	20.91 1.15 0.00	20.37 1.04 0.00	20.83 1.07 0.00	23.21 1.27 0.00	32.34 1.83 0.00	36.57 2.52 0.00	33.33 2.75 0.00	30.23 2.55 0.00	30.84 2.47 0.00	30.89 2.42 0.00	31.24 2.53 0.00	31.77 2.60 0.00	32.53 2.66 0.00	34.76 2.72 0.00	39.94 3.13 0.00	43.08 3.08 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.09 2.43 0.00	32.42 1.75 0.00	30.16 1.68 0.00	27.48 1.28 0.00
KIAC_JFK____ 323774	23.87 1.42 0.00	22.34 1.22 0.00	20.89 1.13 0.00	20.37 1.04 0.00	20.82 1.07 0.00	23.21 1.27 0.00	32.34 1.83 0.00	36.54 2.48 0.00	33.36 2.78 0.00	30.26 2.58 0.00	30.84 2.47 0.00	30.92 2.45 0.00	31.24 2.53 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.76 2.72 0.00	39.94 3.13 0.00	43.08 3.08 0.00	46.83 3.10 0.00	40.83 2.53 0.00	37.09 2.43 0.00	32.42 1.75 0.00	30.16 1.68 0.00	27.48 1.28 0.00
KINTIGH____ 23543	20.39 -2.07 0.00	19.09 -2.03 0.00	17.87 -1.90 0.00	17.45 -1.87 0.00	17.94 -1.82 0.00	19.88 -2.06 0.00	27.94 -2.56 0.00	30.48 -3.58 0.00	28.01 -2.57 0.00	25.44 -2.24 0.00	25.90 -2.47 0.00	26.34 -2.14 0.00	26.56 -2.15 0.00	26.95 -2.22 0.00	27.30 -2.57 0.00	29.32 -2.72 0.00	33.50 -3.31 0.00	36.20 -3.80 0.00	39.61 -4.11 0.00	35.28 -3.03 0.00	31.58 -3.09 0.00	28.37 -2.30 0.00	26.63 -1.85 0.00	25.25 -0.94 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-6.86 -0.74 28.58	-7.06 -0.63 27.54	-6.89 -0.61 26.04	-6.92 -0.60 25.65	-7.05 -0.59 26.22	-6.70 -0.88 27.76	-6.15 -1.10 35.56	-6.38 -1.02 39.41	-6.19 -1.35 35.42	-6.25 -1.27 32.66	-6.20 -1.33 33.24	-6.23 -1.37 33.33	-6.28 -1.35 33.64	-6.27 -1.34 34.10	-6.22 -1.34 34.75	-6.03 -1.41 36.66	13.22 -1.21 22.37	39.20 -0.80 0.00	43.46 -0.26 0.00	38.46 0.15 0.00	35.12 0.45 0.00	31.19 0.52 0.00	29.08 0.60 0.00	26.98 0.79 0.00
LACHUTE__HYDRO 323717	25.03 2.58 0.00	23.63 2.51 0.00	21.94 2.17 0.00	21.42 2.09 0.00	21.89 2.13 0.00	24.35 2.41 0.00	33.65 3.14 0.00	37.70 3.65 0.00	34.00 3.42 0.00	30.59 2.91 0.00	30.92 2.55 0.00	30.92 2.45 0.00	30.98 2.27 0.00	31.27 2.10 0.00	32.08 2.21 0.00	34.47 2.43 0.00	39.79 2.98 0.00	43.88 3.88 0.00	48.05 4.33 0.00	41.94 3.64 0.00	37.79 3.12 0.00	33.34 2.67 0.00	30.85 2.36 0.00	28.24 2.04 0.00
LAWRNCV_115KV_TB1 80681	26.90 0.25 -4.20	31.91 0.30 -10.49	24.66 0.24 -4.65	24.42 0.27 -4.82	29.80 0.28 -9.77	39.34 0.48 -16.92	36.54 0.92 -5.11	52.60 1.46 -17.09	26.89 0.64 4.33	24.68 0.36 3.37	31.04 0.14 -2.53	31.03 0.06 -2.50	31.36 0.09 -2.56	31.83 0.09 -2.57	32.48 0.15 -2.46	34.78 0.48 -2.26	27.84 0.88 9.86	41.64 1.64 0.00	46.70 2.97 0.00	40.98 2.68 0.00	37.06 2.39 0.00	32.82 2.15 0.00	30.31 1.82 0.00	27.92 1.73 0.00
LEDERLE____ 23769	23.82 1.37 0.00	22.34 1.22 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.88 1.13 0.00	23.23 1.29 0.00	32.31 1.80 0.00	36.37 2.32 0.00	33.09 2.51 0.00	29.98 2.30 0.00	30.55 2.18 0.00	30.64 2.16 0.00	30.95 2.24 0.00	31.45 2.28 0.00	32.17 2.30 0.00	34.48 2.44 0.00	39.61 2.80 0.00	42.88 2.88 0.00	46.65 2.93 0.00	40.68 2.37 0.00	36.81 2.15 0.00	32.32 1.66 0.00	30.02 1.54 0.00	27.40 1.20 0.00
LIGHTHSE_115KV_TB6 355974	22.80 -0.27 -0.62	22.09 -0.23 -1.21	20.17 -0.24 -0.64	19.75 -0.23 -0.66	20.67 -0.22 -1.13	23.50 -0.24 -1.80	31.01 -0.24 -0.75	35.69 -0.27 -1.91	30.10 -0.34 0.15	27.30 -0.30 0.08	28.40 -0.45 -0.49	28.50 -0.46 -0.48	28.74 -0.46 -0.49	29.20 -0.47 -0.50	29.88 -0.48 -0.49	32.11 -0.42 -0.48	35.57 -0.48 0.77	39.60 -0.40 0.00	43.55 -0.17 0.00	38.23 -0.08 0.00	34.46 -0.21 0.00	30.55 -0.12 0.00	28.40 -0.09 0.00	26.12 -0.08 0.00
LINDEN COGEN____ 23786	23.98 1.53 0.00	22.49 1.37 0.00	21.03 1.27 0.00	20.49 1.16 0.00	20.96 1.21 0.00	23.34 1.41 0.00	32.43 1.92 0.00	36.54 2.48 0.00	33.36 2.78 0.00	30.23 2.55 0.00	30.84 2.47 0.00	30.92 2.45 0.00	31.24 2.53 0.00	31.80 2.63 0.00	32.50 2.63 0.00	34.76 2.72 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.78 3.06 0.00	40.79 2.49 0.00	37.02 2.36 0.00	32.45 1.78 0.00	30.16 1.68 0.00	27.53 1.34 0.00
LINDHRST_69_KV_BK1 356055	24.72 2.27 0.00	22.96 1.84 0.00	21.49 1.72 0.00	20.82 1.49 0.00	21.30 1.54 0.00	23.87 1.93 0.00	32.79 2.29 0.00	36.44 2.38 0.00	33.91 3.33 0.00	31.01 3.32 0.00	31.56 3.18 -0.01	31.62 3.13 -0.01	31.84 3.13 0.00	32.29 3.12 0.00	32.80 2.93 0.00	34.89 2.85 0.00	40.13 3.31 0.00	43.80 3.80 0.00	47.35 3.63 0.00	40.83 2.53 0.00	36.88 2.22 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.05 1.86 0.00
LIPA_MISC_IPP 23656	24.79 2.34 0.00	22.98 1.86 0.00	21.51 1.74 0.00	20.82 1.49 0.00	21.30 1.54 0.00	23.91 1.97 0.00	32.64 2.14 0.00	36.27 2.21 0.00	33.88 3.30 0.00	30.98 3.29 0.00	31.50 3.12 -0.01	31.61 3.13 -0.01	31.78 3.07 0.00	32.21 3.03 0.00	32.68 2.81 0.00	34.76 2.72 0.00	40.05 3.24 0.00	43.76 3.76 0.00	47.22 3.50 0.00	40.64 2.34 0.00	36.67 2.01 0.00	32.75 2.09 0.00	30.68 2.19 0.00	28.00 1.81 0.00
LISF__SOLAR 323691	24.81 2.36 0.00	23.02 1.90 0.00	21.51 1.74 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.95 2.02 0.00	32.70 2.20 0.00	36.17 2.11 0.00	34.10 3.52 0.00	31.09 3.40 0.00	31.56 3.18 -0.01	31.70 3.22 -0.01	31.81 3.10 0.00	32.41 3.24 0.00	32.86 2.99 0.00	34.80 2.76 0.00	40.05 3.24 0.00	43.84 3.84 0.00	47.31 3.59 0.00	40.68 2.38 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.73 2.25 0.00	28.03 1.83 0.00

LITTLE FALLS___HYD 24013	23.45 0.20 -0.80	21.71 0.17 -0.42	20.59 0.14 -0.68	20.14 0.15 -0.66	20.35 0.18 -0.41	22.16 0.22 0.00	31.67 0.21 -0.95	34.69 0.24 -0.40	32.20 0.15 -1.47	29.09 0.08 -1.32	29.43 0.06 -1.01	29.54 0.06 -1.01	29.76 0.03 -1.02	30.23 0.03 -1.03	30.96 0.03 -1.06	33.21 0.03 -1.14	38.15 0.00 -1.33	40.00 0.00 0.00	43.86 0.13 0.00	38.38 0.08 0.00	34.84 0.17 0.00	30.85 0.18 0.00	28.68 0.20 0.00	26.43 0.24 0.00
LITTLRIV_115KV_TB1 356100	27.26 0.61 -4.20	32.27 0.65 -10.49	24.99 0.57 -4.65	24.75 0.60 -4.82	30.14 0.61 -9.77	39.73 0.88 -16.92	37.15 1.53 -5.11	53.35 2.21 -17.09	27.45 1.19 4.33	25.07 0.75 3.37	31.38 0.48 -2.53	31.37 0.40 -2.50	31.67 0.40 -2.56	32.15 0.41 -2.57	32.87 0.54 -2.46	35.19 0.90 -2.26	28.39 1.44 9.86	42.36 2.36 0.00	47.75 4.02 0.00	41.86 3.56 0.00	37.82 3.15 0.00	33.49 2.82 0.00	30.87 2.39 0.00	28.45 2.25 0.00
LI_NEWBRDGE___DRP 323616	24.23 1.77 0.00	22.55 1.44 0.00	21.11 1.34 0.00	20.49 1.16 0.00	20.96 1.21 0.00	23.45 1.51 0.00	32.28 1.77 0.00	35.89 1.84 0.00	33.30 2.72 0.00	30.43 2.74 0.00	30.99 2.61 -0.01	30.96 2.48 -0.01	31.32 2.61 0.00	31.74 2.57 0.00	32.26 2.39 0.00	34.32 2.27 0.00	39.43 2.61 0.00	42.88 2.88 0.00	46.44 2.71 0.00	40.10 1.80 0.00	36.29 1.63 0.00	32.32 1.66 0.00	30.25 1.77 0.00	27.56 1.36 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.21 -2.25 0.00	18.84 -2.28 0.00	17.65 -2.11 0.00	17.22 -2.11 0.00	17.74 -2.02 0.00	19.63 -2.30 0.00	27.70 -2.81 0.00	30.07 -3.98 0.00	27.77 -2.81 0.00	25.22 -2.46 0.00	25.70 -2.67 0.00	26.17 -2.31 0.00	26.41 -2.30 0.00	26.81 -2.36 0.00	27.09 -2.78 0.00	29.06 -2.98 0.00	33.21 -3.61 0.00	35.76 -4.24 0.00	39.18 -4.55 0.00	35.05 -3.26 0.00	31.30 -3.36 0.00	28.25 -2.42 0.00	26.57 -1.91 0.00	25.41 -0.79 0.00
LOCKPORT___CC1 323769	20.21 -2.25 0.00	18.86 -2.26 0.00	17.65 -2.11 0.00	17.22 -2.11 0.00	17.74 -2.02 0.00	19.66 -2.28 0.00	27.70 -2.81 0.00	30.27 -3.78 0.00	27.67 -2.91 0.00	25.14 -2.55 0.00	25.67 -2.70 0.00	26.05 -2.42 0.00	26.36 -2.35 0.00	26.55 -2.63 0.00	27.24 -2.63 0.00	29.06 -2.98 0.00	33.21 -3.61 0.00	35.84 -4.16 0.00	39.26 -4.46 0.00	35.05 -3.26 0.00	31.30 -3.36 0.00	28.21 -2.45 0.00	26.57 -1.91 0.00	25.41 -0.79 0.00
LOCKPORT___CC2 323770	20.21 -2.25 0.00	18.86 -2.26 0.00	17.65 -2.11 0.00	17.22 -2.11 0.00	17.74 -2.02 0.00	19.66 -2.28 0.00	27.70 -2.81 0.00	30.27 -3.78 0.00	27.67 -2.91 0.00	25.14 -2.55 0.00	25.67 -2.70 0.00	26.05 -2.42 0.00	26.36 -2.35 0.00	26.55 -2.63 0.00	27.24 -2.63 0.00	29.06 -2.98 0.00	33.21 -3.61 0.00	35.84 -4.16 0.00	39.26 -4.46 0.00	35.05 -3.26 0.00	31.30 -3.36 0.00	28.21 -2.45 0.00	26.57 -1.91 0.00	25.41 -0.79 0.00
LOCKPORT___CC3 323771	20.21 -2.25 0.00	18.86 -2.26 0.00	17.65 -2.11 0.00	17.22 -2.11 0.00	17.74 -2.02 0.00	19.66 -2.28 0.00	27.70 -2.81 0.00	30.27 -3.78 0.00	27.67 -2.91 0.00	25.14 -2.55 0.00	25.67 -2.70 0.00	26.05 -2.42 0.00	26.36 -2.35 0.00	26.55 -2.63 0.00	27.24 -2.63 0.00	29.06 -2.98 0.00	33.21 -3.61 0.00	35.84 -4.16 0.00	39.26 -4.46 0.00	35.05 -3.26 0.00	31.30 -3.36 0.00	28.21 -2.45 0.00	26.57 -1.91 0.00	25.41 -0.79 0.00
LONG_LAKE_PHOENIX 24014	21.96 -0.49 0.00	20.65 -0.46 0.00	19.31 -0.45 0.00	18.88 -0.44 0.00	19.32 -0.43 0.00	21.45 -0.48 0.00	29.93 -0.58 0.00	33.27 -0.78 0.00	29.91 -0.67 0.00	27.10 -0.58 0.00	27.63 -0.74 0.00	27.76 -0.71 0.00	27.96 -0.75 0.00	28.44 -0.73 0.00	29.09 -0.78 0.00	31.21 -0.83 0.00	35.86 -0.96 0.00	39.00 -1.00 0.00	42.63 -1.09 0.00	37.42 -0.88 0.00	33.80 -0.87 0.00	29.93 -0.74 0.00	27.80 -0.68 0.00	25.59 -0.60 0.00
LOVETT___3 23632	23.78 1.32 0.00	22.28 1.16 0.00	20.87 1.11 0.00	20.35 1.02 0.00	20.83 1.07 0.00	23.17 1.23 0.00	32.18 1.68 0.00	36.23 2.18 0.00	32.97 2.39 0.00	29.87 2.19 0.00	30.44 2.07 0.00	30.52 2.05 0.00	30.83 2.12 0.00	31.33 2.16 0.00	32.08 2.21 0.00	34.35 2.31 0.00	39.43 2.61 0.00	42.68 2.68 0.00	46.44 2.71 0.00	40.52 2.22 0.00	36.67 2.01 0.00	32.20 1.53 0.00	29.91 1.42 0.00	27.29 1.10 0.00
LOVETT___4 23642	23.78 1.32 0.00	22.28 1.16 0.00	20.87 1.11 0.00	20.35 1.02 0.00	20.83 1.07 0.00	23.17 1.23 0.00	32.18 1.68 0.00	36.23 2.18 0.00	32.97 2.39 0.00	29.87 2.19 0.00	30.44 2.07 0.00	30.52 2.05 0.00	30.83 2.12 0.00	31.33 2.16 0.00	32.08 2.21 0.00	34.35 2.31 0.00	39.43 2.61 0.00	42.68 2.68 0.00	46.44 2.71 0.00	40.52 2.22 0.00	36.67 2.01 0.00	32.20 1.53 0.00	29.91 1.42 0.00	27.29 1.10 0.00
LOVETT___5 23593	23.78 1.32 0.00	22.28 1.16 0.00	20.87 1.11 0.00	20.35 1.02 0.00	20.83 1.07 0.00	23.17 1.23 0.00	32.18 1.68 0.00	36.23 2.18 0.00	32.97 2.39 0.00	29.87 2.19 0.00	30.44 2.07 0.00	30.52 2.05 0.00	30.83 2.12 0.00	31.33 2.16 0.00	32.08 2.21 0.00	34.35 2.31 0.00	39.43 2.61 0.00	42.68 2.68 0.00	46.44 2.71 0.00	40.52 2.22 0.00	36.67 2.01 0.00	32.20 1.53 0.00	29.91 1.42 0.00	27.29 1.10 0.00
LOWER RAQUET___HYD 24057	26.90 0.25 -4.20	31.93 0.32 -10.49	24.68 0.26 -4.65	24.42 0.27 -4.82	29.80 0.28 -9.77	39.34 0.48 -16.92	36.53 0.91 -5.11	52.60 1.46 -17.09	26.90 0.64 4.33	24.68 0.36 3.37	31.04 0.14 -2.53	31.03 0.06 -2.50	31.36 0.09 -2.56	31.80 0.06 -2.57	32.48 0.15 -2.46	34.78 0.48 -2.26	27.87 0.92 9.86	41.64 1.64 0.00	46.74 3.01 0.00	41.02 2.72 0.00	37.05 2.39 0.00	32.81 2.15 0.00	30.31 1.82 0.00	27.92 1.73 0.00
LOWER___HUDSON 24059	23.62 1.17 0.00	22.22 1.10 0.00	20.77 1.01 0.00	20.31 0.99 0.00	20.75 0.99 0.00	23.03 1.10 0.00	32.00 1.49 0.00	35.86 1.80 0.00	32.45 1.87 0.00	29.35 1.66 0.00	29.90 1.53 0.00	30.01 1.54 0.00	30.20 1.49 0.00	30.66 1.49 0.00	31.42 1.55 0.00	33.71 1.67 0.00	38.76 1.95 0.00	42.08 2.08 0.00	45.87 2.14 0.00	40.06 1.76 0.00	36.29 1.63 0.00	32.02 1.35 0.00	29.68 1.20 0.00	27.19 1.00 0.00
LOWVILLE_115KV_TB2 356335	24.27 0.18 -1.64	24.55 0.21 -3.22	21.63 0.16 -1.71	21.24 0.17 -1.74	22.97 0.20 -3.01	27.07 0.31 -4.82	33.04 0.55 -1.98	40.03 0.89 -5.09	30.68 0.52 0.42	27.82 0.36 0.23	29.79 0.14 -1.28	29.86 0.11 -1.27	30.12 0.11 -1.30	30.59 0.12 -1.31	31.34 0.18 -1.29	33.86 0.54 -1.28	35.55 0.81 2.07	41.28 1.28 0.00	46.00 2.27 0.00	40.26 1.95 0.00	36.33 1.66 0.00	32.14 1.47 0.00	29.74 1.25 0.00	27.35 1.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.84 1.39 0.00	22.45 1.33 0.00	20.97 1.21 0.00	20.49 1.16 0.00	20.94 1.19 0.00	23.25 1.32 0.00	32.24 1.74 0.00	36.10 2.04 0.00	32.60 2.02 0.00	29.46 1.77 0.00	29.96 1.59 0.00	30.01 1.54 0.00	30.20 1.49 0.00	30.60 1.43 0.00	31.39 1.52 0.00	33.71 1.67 0.00	38.80 1.99 0.00	42.32 2.32 0.00	46.22 2.49 0.00	40.29 1.99 0.00	36.47 1.80 0.00	32.17 1.50 0.00	29.82 1.34 0.00	27.35 1.15 0.00

LUTHERNY_35_KV_BK2 355980	23.87 1.41 0.00	22.47 1.35 0.00	20.97 1.21 0.00	20.49 1.16 0.00	20.94 1.19 0.00	23.25 1.32 0.00	32.24 1.74 0.00	36.13 2.08 0.00	32.63 2.05 0.00	29.48 1.80 0.00	29.99 1.62 0.00	30.04 1.57 0.00	30.20 1.49 0.00	30.60 1.43 0.00	31.39 1.52 0.00	33.74 1.70 0.00	38.80 1.99 0.00	42.32 2.32 0.00	46.22 2.49 0.00	40.33 2.03 0.00	36.47 1.80 0.00	32.20 1.53 0.00	29.85 1.37 0.00	27.35 1.15 0.00
LWR__OSWEGATCHIE_HYD 23850	25.68 0.20 -3.02	28.56 0.23 -7.21	23.25 0.18 -3.30	22.95 0.21 -3.41	26.69 0.22 -6.71	33.79 0.37 -11.48	34.91 0.73 -3.67	46.89 1.16 -11.68	28.51 0.55 2.62	26.01 0.33 2.00	30.41 0.11 -1.93	30.44 0.06 -1.91	30.72 0.06 -1.95	31.19 0.06 -1.96	31.89 0.12 -1.90	34.26 0.45 -1.77	31.18 0.77 6.41	41.40 1.40 0.00	46.30 2.58 0.00	40.60 2.30 0.00	36.64 1.98 0.00	32.45 1.78 0.00	29.99 1.51 0.00	27.61 1.41 0.00
LYONS_FALL_HYD 23570	24.12 0.31 -1.36	23.71 0.32 -2.28	21.38 0.26 -1.36	20.97 0.27 -1.38	22.19 0.30 -2.13	25.53 0.40 -3.20	32.78 0.64 -1.63	38.48 0.92 -3.51	31.44 0.64 -0.22	28.50 0.52 -0.29	29.95 0.40 -1.19	30.03 0.37 -1.19	30.28 0.37 -1.20	30.74 0.35 -1.21	31.50 0.42 -1.21	33.94 0.67 -1.23	36.77 0.88 0.92	41.20 1.20 0.00	45.69 1.97 0.00	39.99 1.68 0.00	36.09 1.42 0.00	31.93 1.26 0.00	29.56 1.08 0.00	27.16 0.97 0.00
MADISON__COUNTY_LFGE 323628	23.47 0.45 -0.57	22.33 0.44 -0.77	20.71 0.40 -0.55	20.26 0.39 -0.55	20.90 0.41 -0.73	23.41 0.50 -0.96	31.99 0.79 -0.69	36.18 0.99 -1.14	31.81 0.86 -0.37	28.80 0.75 -0.36	29.56 0.62 -0.57	29.70 0.65 -0.57	29.92 0.63 -0.58	30.40 0.64 -0.58	31.15 0.69 -0.59	33.42 0.77 -0.61	37.73 0.92 0.00	41.04 1.04 0.00	45.12 1.40 0.00	39.53 1.23 0.00	35.67 1.01 0.00	31.56 0.89 0.00	29.28 0.80 0.00	26.93 0.73 0.00
MALONE__115KV_TB1 356076	29.09 -0.56 -7.20	39.45 -0.49 -18.82	27.37 -0.47 -8.08	27.28 -0.44 -8.39	36.82 -0.43 -17.50	52.24 -0.39 -30.70	38.88 -0.40 -8.77	64.64 -0.20 -30.79	21.23 -0.70 8.64	20.18 -0.69 6.82	31.74 -0.68 -4.05	31.73 -0.74 -4.00	32.07 -0.75 -4.10	32.55 -0.73 -4.11	33.05 -0.72 -3.90	34.91 -0.61 -3.48	17.84 -0.37 18.61	40.00 0.00 0.00	44.42 0.70 0.00	39.11 0.80 0.00	35.57 0.90 0.00	31.53 0.86 0.00	29.28 0.80 0.00	27.06 0.86 0.00
MAPLEWOD_115KV_TB3 80458	23.46 1.01 0.00	22.09 0.97 0.00	20.68 0.91 0.00	20.22 0.89 0.00	20.63 0.87 0.00	22.88 0.94 0.00	31.85 1.34 0.00	35.65 1.60 0.00	32.26 1.68 0.00	29.15 1.47 0.00	29.73 1.36 0.00	29.81 1.34 0.00	30.00 1.29 0.00	30.46 1.28 0.00	31.24 1.37 0.00	33.51 1.47 0.00	38.51 1.69 0.00	41.92 1.92 0.00	45.69 1.97 0.00	39.87 1.57 0.00	36.12 1.46 0.00	31.86 1.20 0.00	29.51 1.03 0.00	27.03 0.84 0.00
MAPLE_RIDGE_WT_1 323574	0.00 -0.85 21.60	8.53 -0.85 11.75	0.45 -0.79 18.53	0.64 -0.77 17.91	7.45 -0.81 11.50	20.12 -0.90 0.92	3.57 -1.31 25.62	21.09 -1.43 11.54	-10.00 -1.16 39.42	-8.84 -1.11 35.42	0.00 -1.11 27.26	0.00 -1.08 27.39	0.00 -1.12 27.59	0.00 -1.17 28.00	0.00 -1.10 28.77	0.00 -1.18 30.86	0.00 -1.40 35.41	38.60 -1.40 0.00	42.41 -1.31 0.00	37.31 -1.00 0.00	33.97 -0.69 0.00	30.21 -0.46 0.00	28.14 -0.34 0.00	25.96 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	0.00 -0.85 21.60	8.53 -0.85 11.75	0.45 -0.79 18.53	0.64 -0.77 17.91	7.45 -0.81 11.50	20.12 -0.90 0.92	3.57 -1.31 25.62	21.09 -1.43 11.54	-10.00 -1.16 39.42	-8.84 -1.11 35.42	0.00 -1.11 27.26	0.00 -1.08 27.39	0.00 -1.12 27.59	0.00 -1.17 28.00	0.00 -1.10 28.77	0.00 -1.18 30.86	0.00 -1.40 35.41	38.60 -1.40 0.00	42.41 -1.31 0.00	37.31 -1.00 0.00	33.97 -0.69 0.00	30.21 -0.46 0.00	28.14 -0.34 0.00	25.96 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -0.99 28.47	-7.00 -0.89 27.23	-7.00 -0.85 25.92	-7.00 -0.81 25.52	-7.00 -0.83 25.93	-7.00 -1.43 27.51	-7.00 -1.89 35.61	-7.00 -1.84 39.21	-7.00 -2.08 35.50	-7.00 -1.97 32.72	-7.00 -2.16 33.21	-7.00 -2.17 33.31	-7.00 -2.09 33.61	-7.00 -2.10 34.07	-7.00 -2.15 34.72	-7.00 -2.40 36.64	12.00 -2.28 22.53	38.24 -1.76 0.00	42.55 -1.18 0.00	37.77 -0.54 0.00	34.56 -0.10 0.00	30.82 0.15 0.00	28.80 0.31 0.00	26.80 0.60 0.00
MARSHVLE_115KV_TB1 80742	23.82 1.37 0.00	22.45 1.33 0.00	20.91 1.15 0.00	20.45 1.12 0.00	20.90 1.15 0.00	23.30 1.36 0.00	32.55 2.04 0.00	36.44 2.38 0.00	32.60 2.02 0.00	29.26 1.58 0.00	29.36 0.99 0.00	29.36 0.88 0.00	29.57 0.86 0.00	30.02 0.85 0.00	30.95 1.08 0.00	33.84 1.79 0.00	38.95 2.14 0.00	42.68 2.68 0.00	46.87 3.15 0.00	40.87 2.57 0.00	36.99 2.32 0.00	32.63 1.96 0.00	30.19 1.71 0.00	27.66 1.47 0.00
MARSH_HILL_WT_PWR 323713	20.68 -1.77 0.00	19.32 -1.80 0.00	18.09 -1.68 0.00	17.65 -1.68 0.00	18.16 -1.60 0.00	20.14 -1.80 0.00	28.43 -2.08 0.00	31.36 -2.69 0.00	28.47 -2.11 0.00	25.83 -1.85 0.00	26.19 -2.18 0.00	26.25 -2.22 0.00	26.64 -2.07 0.00	26.95 -2.22 0.00	27.69 -2.18 0.00	29.73 -2.31 0.00	34.31 -2.50 0.00	37.40 -2.60 0.00	41.06 -2.67 0.00	36.46 -1.84 0.00	32.76 -1.91 0.00	29.38 -1.29 0.00	27.60 -0.88 0.00	25.93 -0.26 0.00
MCINTYRE_115KV_TB2 80467	27.58 0.92 -4.20	32.58 0.97 -10.49	25.27 0.85 -4.65	25.02 0.87 -4.82	30.41 0.89 -9.77	40.06 1.21 -16.92	37.63 2.01 -5.11	53.93 2.79 -17.09	27.81 1.56 4.33	25.29 0.97 3.37	31.55 0.65 -2.53	31.52 0.54 -2.50	31.82 0.55 -2.56	32.30 0.55 -2.57	33.05 0.72 -2.46	35.48 1.19 -2.26	28.79 1.84 9.86	42.96 2.96 0.00	48.58 4.85 0.00	42.59 4.29 0.00	38.44 3.78 0.00	34.04 3.37 0.00	31.36 2.88 0.00	28.89 2.70 0.00
MECO____69_KV_BK1 80468	24.16 1.71 0.00	22.77 1.65 0.00	21.19 1.42 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.60 1.67 0.00	33.04 2.53 0.00	36.95 2.89 0.00	33.18 2.60 0.00	29.79 2.10 0.00	29.99 1.62 0.00	29.95 1.48 0.00	30.17 1.46 0.00	30.60 1.43 0.00	31.48 1.61 0.00	34.22 2.18 0.00	39.46 2.65 0.00	43.32 3.32 0.00	47.53 3.80 0.00	41.44 3.14 0.00	37.44 2.77 0.00	33.03 2.36 0.00	30.53 2.05 0.00	27.98 1.78 0.00
MENANDS__115KV_TB5 355628	23.37 0.92 0.00	22.01 0.89 0.00	20.60 0.83 0.00	20.16 0.83 0.00	20.57 0.81 0.00	22.81 0.88 0.00	31.73 1.22 0.00	35.52 1.46 0.00	32.14 1.56 0.00	29.07 1.38 0.00	29.65 1.28 0.00	29.73 1.25 0.00	29.94 1.23 0.00	30.37 1.20 0.00	31.16 1.28 0.00	33.42 1.38 0.00	38.40 1.58 0.00	41.72 1.72 0.00	45.47 1.75 0.00	39.72 1.42 0.00	35.98 1.32 0.00	31.74 1.07 0.00	29.39 0.91 0.00	26.93 0.73 0.00
MG INDUSTRY__DRP 24185	23.28 0.83 0.00	21.92 0.80 0.00	20.52 0.75 0.00	20.08 0.75 0.00	20.49 0.73 0.00	22.70 0.77 0.00	31.60 1.10 0.00	35.31 1.26 0.00	31.89 1.31 0.00	28.79 1.11 0.00	29.33 0.96 0.00	29.38 0.91 0.00	29.57 0.86 0.00	30.02 0.85 0.00	30.80 0.93 0.00	33.07 1.03 0.00	38.07 1.25 0.00	41.44 1.44 0.00	45.26 1.53 0.00	39.53 1.23 0.00	35.77 1.11 0.00	31.59 0.92 0.00	29.28 0.80 0.00	26.88 0.68 0.00

MID___OSWEGATCHIE_HYD 23849	25.68 0.20 -3.02	28.56 0.23 -7.21	23.25 0.18 -3.30	22.95 0.21 -3.41	26.69 0.22 -6.71	33.79 0.37 -11.48	34.91 0.73 -3.67	46.89 1.16 -11.68	28.51 0.55 2.62	26.01 0.33 2.00	30.41 0.11 -1.93	30.44 0.06 -1.91	30.72 0.06 -1.95	31.19 0.06 -1.96	31.89 0.12 -1.90	34.26 0.45 -1.77	31.18 0.77 6.41	41.40 1.40 0.00	46.30 2.58 0.00	40.60 2.30 0.00	36.64 1.98 0.00	32.45 1.78 0.00	29.99 1.51 0.00	27.61 1.41 0.00
MID___RAQUETTE_HYD 23851	26.90 0.25 -4.20	31.93 0.32 -10.49	24.66 0.24 -4.65	24.42 0.27 -4.82	29.80 0.28 -9.77	39.34 0.48 -16.92	36.54 0.92 -5.11	52.60 1.46 -17.09	26.89 0.64 4.33	24.68 0.36 3.37	31.04 0.14 -2.53	31.03 0.06 -2.50	31.36 0.09 -2.56	31.83 0.09 -2.57	32.48 0.15 -2.46	34.78 0.48 -2.26	27.87 0.92 9.86	41.64 1.64 0.00	46.70 2.97 0.00	40.98 2.68 0.00	37.06 2.39 0.00	32.82 2.15 0.00	30.31 1.82 0.00	27.92 1.73 0.00
MILLIKEN___1 23584	22.54 0.09 0.00	21.16 0.04 0.00	19.79 0.02 0.00	19.35 0.02 0.00	19.82 0.06 0.00	22.05 0.11 0.00	30.90 0.40 0.00	34.46 0.41 0.00	30.82 0.24 0.00	27.88 0.19 0.00	28.28 -0.09 0.00	28.42 -0.06 0.00	28.65 -0.06 0.00	29.14 -0.03 0.00	29.84 -0.03 0.00	32.07 0.03 0.00	36.92 0.11 0.00	40.24 0.24 0.00	44.12 0.39 0.00	38.76 0.46 0.00	34.94 0.28 0.00	30.98 0.31 0.00	28.82 0.34 0.00	26.56 0.37 0.00
MILLIKEN___2 23585	22.54 0.09 0.00	21.16 0.04 0.00	19.79 0.02 0.00	19.35 0.02 0.00	19.82 0.06 0.00	22.05 0.11 0.00	30.90 0.40 0.00	34.46 0.41 0.00	30.82 0.24 0.00	27.88 0.19 0.00	28.28 -0.09 0.00	28.42 -0.06 0.00	28.65 -0.06 0.00	29.14 -0.03 0.00	29.84 -0.03 0.00	32.07 0.03 0.00	36.92 0.11 0.00	40.24 0.24 0.00	44.12 0.39 0.00	38.76 0.46 0.00	34.94 0.28 0.00	30.98 0.31 0.00	28.82 0.34 0.00	26.56 0.37 0.00
MILLIKEN___DIESEL 23629	22.54 0.09 0.00	21.16 0.04 0.00	19.79 0.02 0.00	19.35 0.02 0.00	19.82 0.06 0.00	22.05 0.11 0.00	30.90 0.40 0.00	34.46 0.41 0.00	30.82 0.24 0.00	27.88 0.19 0.00	28.28 -0.09 0.00	28.42 -0.06 0.00	28.65 -0.06 0.00	29.14 -0.03 0.00	29.84 -0.03 0.00	32.07 0.03 0.00	36.92 0.11 0.00	40.24 0.24 0.00	44.12 0.39 0.00	38.76 0.46 0.00	34.94 0.28 0.00	30.98 0.31 0.00	28.82 0.34 0.00	26.56 0.37 0.00
MILLSEAT___LFGE 323607	20.54 -1.91 0.00	19.22 -1.90 0.00	17.99 -1.78 0.00	17.55 -1.78 0.00	18.06 -1.70 0.00	20.03 -1.91 0.00	28.25 -2.26 0.00	31.02 -3.03 0.00	28.29 -2.29 0.00	25.67 -2.02 0.00	26.19 -2.18 0.00	26.54 -1.94 0.00	26.87 -1.84 0.00	27.07 -2.10 0.00	27.81 -2.06 0.00	29.70 -2.34 0.00	33.90 -2.91 0.00	36.68 -3.32 0.00	40.27 -3.46 0.00	35.93 -2.37 0.00	32.03 -2.64 0.00	28.86 -1.81 0.00	27.09 -1.39 0.00	25.77 -0.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.84 1.39 0.00	22.34 1.22 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.88 1.13 0.00	23.21 1.27 0.00	32.28 1.77 0.00	36.33 2.28 0.00	33.09 2.51 0.00	29.96 2.27 0.00	30.58 2.21 0.00	30.66 2.19 0.00	30.95 2.24 0.00	31.48 2.30 0.00	32.20 2.33 0.00	34.48 2.44 0.00	39.57 2.76 0.00	42.80 2.80 0.00	46.61 2.89 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.29 1.63 0.00	29.99 1.51 0.00	27.37 1.18 0.00
MILLWOOD_13_KV_LOAD 356217	23.89 1.44 0.00	22.41 1.29 0.00	20.99 1.23 0.00	20.45 1.12 0.00	20.92 1.17 0.00	23.28 1.34 0.00	32.34 1.83 0.00	36.44 2.38 0.00	33.18 2.60 0.00	30.07 2.38 0.00	30.67 2.30 0.00	30.75 2.28 0.00	31.03 2.33 0.00	31.59 2.42 0.00	32.32 2.45 0.00	34.60 2.56 0.00	39.72 2.91 0.00	42.96 2.96 0.00	46.74 3.02 0.00	40.75 2.45 0.00	36.92 2.25 0.00	32.36 1.69 0.00	30.05 1.57 0.00	27.43 1.23 0.00
MODEL_CITY_ENERGY 24167	19.96 -2.49 0.00	18.65 -2.47 0.00	17.45 -2.31 0.00	17.03 -2.30 0.00	17.55 -2.21 0.00	19.44 -2.50 0.00	27.36 -3.14 0.00	29.86 -4.19 0.00	27.34 -3.24 0.00	24.83 -2.85 0.00	25.39 -2.98 0.00	25.74 -2.73 0.00	26.07 -2.64 0.00	26.23 -2.95 0.00	26.91 -2.96 0.00	28.68 -3.36 0.00	32.80 -4.01 0.00	35.40 -4.60 0.00	38.74 -4.99 0.00	34.59 -3.71 0.00	30.89 -3.78 0.00	27.88 -2.79 0.00	26.26 -2.22 0.00	25.12 -1.08 0.00
MODERN_LFGE___ 323580	19.96 -2.49 0.00	18.65 -2.47 0.00	17.45 -2.31 0.00	17.03 -2.30 0.00	17.55 -2.21 0.00	19.44 -2.50 0.00	27.36 -3.14 0.00	29.86 -4.19 0.00	27.34 -3.24 0.00	24.83 -2.85 0.00	25.39 -2.98 0.00	25.74 -2.73 0.00	26.07 -2.64 0.00	26.23 -2.95 0.00	26.91 -2.96 0.00	28.68 -3.36 0.00	32.80 -4.01 0.00	35.40 -4.60 0.00	38.74 -4.99 0.00	34.59 -3.71 0.00	30.89 -3.78 0.00	27.88 -2.79 0.00	26.26 -2.22 0.00	25.12 -1.08 0.00
MOHAWK_PAPER___DRP 24187	23.46 1.01 0.00	22.09 0.97 0.00	20.68 0.91 0.00	20.22 0.89 0.00	20.63 0.87 0.00	22.88 0.94 0.00	31.85 1.34 0.00	35.65 1.60 0.00	32.26 1.68 0.00	29.15 1.47 0.00	29.73 1.36 0.00	29.81 1.34 0.00	30.00 1.29 0.00	30.46 1.28 0.00	31.24 1.37 0.00	33.51 1.47 0.00	38.51 1.69 0.00	41.92 1.92 0.00	45.69 1.97 0.00	39.87 1.57 0.00	36.12 1.46 0.00	31.86 1.20 0.00	29.51 1.03 0.00	27.03 0.84 0.00
MOHICAN___35_KV_115KV_LD 80490	24.16 1.71 0.00	22.77 1.65 0.00	21.21 1.44 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.54 1.60 0.00	32.37 1.86 0.00	36.30 2.25 0.00	32.75 2.17 0.00	29.57 1.88 0.00	30.01 1.65 0.00	30.04 1.57 0.00	30.14 1.44 0.00	30.48 1.31 0.00	31.30 1.43 0.00	33.61 1.57 0.00	38.73 1.91 0.00	42.36 2.36 0.00	46.35 2.62 0.00	40.41 2.11 0.00	36.50 1.84 0.00	32.17 1.50 0.00	29.85 1.37 0.00	27.35 1.15 0.00
MONGAUP___HYD 23641	23.91 1.46 0.00	22.43 1.31 0.00	21.01 1.25 0.00	20.47 1.14 0.00	21.00 1.25 0.00	23.32 1.38 0.00	32.40 1.89 0.00	36.51 2.45 0.00	33.21 2.63 0.00	29.98 2.30 0.00	30.50 2.13 0.00	30.46 1.99 0.00	30.80 2.09 0.00	31.30 2.13 0.00	32.08 2.21 0.00	34.41 2.37 0.00	39.61 2.80 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.02 2.36 0.00	32.51 1.84 0.00	30.13 1.65 0.00	27.53 1.34 0.00
MONTAUK___DIESEL 23721	24.74 2.29 0.00	22.91 1.80 0.00	21.45 1.68 0.00	20.74 1.41 0.00	21.20 1.44 0.00	23.85 1.91 0.00	32.55 2.04 0.00	36.30 2.25 0.00	33.97 3.39 0.00	31.15 3.46 0.00	31.47 3.09 -0.01	31.64 3.16 -0.01	31.69 2.99 0.00	32.15 2.98 0.00	32.56 2.69 0.00	34.70 2.66 0.00	40.09 3.28 0.00	43.92 3.92 0.00	47.09 3.37 0.00	40.37 2.07 0.00	36.33 1.66 0.00	32.45 1.78 0.00	30.22 1.74 0.00	27.92 1.73 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.32 -2.13 0.00	18.71 -2.41 0.00	17.49 -2.27 0.00	17.09 -2.24 0.00	17.66 -2.09 0.00	19.55 -2.39 0.00	27.76 -2.75 0.00	30.34 -3.71 0.00	27.86 -2.72 0.00	25.28 -2.41 0.00	25.73 -2.64 0.00	26.14 -2.33 0.00	26.44 -2.27 0.00	26.95 -2.22 0.00	27.33 -2.54 0.00	29.51 -2.53 0.00	33.98 -2.83 0.00	36.92 -3.08 0.00	40.66 -3.06 0.00	36.73 -1.57 0.00	32.83 -1.84 0.00	29.63 -1.04 0.00	27.91 -0.57 0.00	26.56 0.37 0.00

MORRIS_RIDGE___SOLAR 323848	20.66 -1.80 0.00	19.30 -1.82 0.00	18.09 -1.68 0.00	17.63 -1.70 0.00	18.14 -1.62 0.00	20.12 -1.82 0.00	28.34 -2.17 0.00	31.23 -2.83 0.00	28.35 -2.23 0.00	25.69 -1.99 0.00	26.10 -2.27 0.00	26.37 -2.11 0.00	26.70 -2.01 0.00	27.01 -2.16 0.00	27.69 -2.18 0.00	29.70 -2.34 0.00	34.24 -2.58 0.00	37.20 -2.80 0.00	40.80 -2.93 0.00	36.27 -2.03 0.00	32.55 -2.12 0.00	29.23 -1.44 0.00	27.46 -1.02 0.00	25.88 -0.31 0.00
MORTIMER_115KV_TB3 55949	21.06 -1.39 0.00	19.77 -1.35 0.00	18.48 -1.28 0.00	18.05 -1.28 0.00	18.55 -1.21 0.00	20.58 -1.36 0.00	28.86 -1.65 0.00	31.81 -2.25 0.00	28.99 -1.59 0.00	26.33 -1.36 0.00	26.78 -1.59 0.00	27.13 -1.34 0.00	27.39 -1.32 0.00	27.80 -1.37 0.00	28.32 -1.55 0.00	30.37 -1.67 0.00	34.75 -2.06 0.00	37.60 -2.40 0.00	41.23 -2.49 0.00	36.58 -1.72 0.00	32.76 -1.91 0.00	29.29 -1.38 0.00	27.37 -1.11 0.00	25.64 -0.55 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.05 1.59 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.46 1.95 0.00	36.61 2.55 0.00	33.36 2.78 0.00	30.26 2.57 0.00	30.87 2.50 0.00	30.95 2.48 0.00	31.26 2.56 0.00	31.77 2.60 0.00	32.53 2.66 0.00	34.80 2.76 0.00	39.94 3.13 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.87 2.57 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
MUNSVILLE_WIND_PWR 323609	23.35 0.90 0.00	21.98 0.87 0.00	20.52 0.75 0.00	20.14 0.81 0.00	20.69 0.93 0.00	23.12 1.18 0.00	32.43 1.92 0.00	36.47 2.42 0.00	32.51 1.93 0.00	29.37 1.69 0.00	29.73 1.36 0.00	29.81 1.34 0.00	30.06 1.35 0.00	30.49 1.31 0.00	31.42 1.55 0.00	33.77 1.73 0.00	38.91 2.10 0.00	42.48 2.48 0.00	47.01 3.28 0.00	41.14 2.83 0.00	37.02 2.36 0.00	32.85 2.18 0.00	30.45 1.96 0.00	28.08 1.89 0.00
N SALMON___HYD 24042	29.09 -0.56 -7.20	39.45 -0.48 -18.82	27.37 -0.47 -8.08	27.28 -0.44 -8.39	36.82 -0.43 -17.50	52.24 -0.39 -30.70	38.88 -0.40 -8.77	64.64 -0.20 -30.79	21.24 -0.70 8.64	20.18 -0.69 6.82	31.74 -0.68 -4.05	31.73 -0.74 -4.00	32.07 -0.75 -4.10	32.58 -0.70 -4.11	33.05 -0.72 -3.90	34.91 -0.61 -3.48	17.84 -0.37 18.61	40.00 0.00 0.00	44.42 0.70 0.00	39.11 0.81 0.00	35.56 0.90 0.00	31.53 0.86 0.00	29.28 0.80 0.00	27.06 0.86 0.00
N.AKRON__115KV_KNAPP 355671	20.54 -1.91 0.00	19.20 -1.92 0.00	17.97 -1.80 0.00	17.53 -1.80 0.00	18.06 -1.70 0.00	20.01 -1.93 0.00	28.25 -2.26 0.00	30.82 -3.24 0.00	28.32 -2.26 0.00	25.75 -1.94 0.00	26.18 -2.18 0.00	26.62 -1.85 0.00	26.87 -1.84 0.00	27.28 -1.90 0.00	27.63 -2.24 0.00	29.67 -2.37 0.00	33.87 -2.95 0.00	36.56 -3.44 0.00	40.10 -3.63 0.00	35.89 -2.41 0.00	32.00 -2.67 0.00	28.83 -1.84 0.00	27.09 -1.40 0.00	25.78 -0.42 0.00
N.BELMOR_69_KV_BK1 55787	24.41 1.95 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.60 1.67 0.00	32.55 2.04 0.00	36.23 2.18 0.00	33.61 3.03 0.00	30.67 2.99 0.00	31.25 2.87 -0.01	31.28 2.79 -0.01	31.58 2.87 0.00	32.03 2.86 0.00	32.56 2.69 0.00	34.67 2.63 0.00	39.80 2.98 0.00	43.32 3.32 0.00	46.92 3.19 0.00	40.52 2.22 0.00	36.67 2.01 0.00	32.66 1.99 0.00	30.50 2.02 0.00	27.79 1.60 0.00
N.E_GEN_SANDY PD 24062	27.00 1.26 -3.29	25.20 1.16 -2.92	23.77 1.09 -2.92	23.36 1.04 -2.99	24.10 1.07 -3.28	26.53 1.18 -3.41	41.40 1.59 -9.31	44.20 1.97 -8.17	41.40 2.14 -8.68	35.00 1.94 -5.38	32.90 1.87 -2.66	30.69 1.85 -0.37	30.55 1.84 0.00	31.07 1.90 0.00	31.84 1.94 -0.03	36.10 2.05 -2.01	41.80 2.32 -2.67	42.36 2.36 0.00	46.08 2.36 0.00	40.22 1.91 0.00	36.47 1.80 0.00	32.14 1.47 0.00	29.79 1.31 0.00	27.27 1.07 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.78 1.32 0.00	22.30 1.18 0.00	20.89 1.13 0.00	20.37 1.04 0.00	20.85 1.09 0.00	23.17 1.23 0.00	32.21 1.71 0.00	36.27 2.21 0.00	33.00 2.42 0.00	29.90 2.21 0.00	30.47 2.10 0.00	30.55 2.08 0.00	30.86 2.15 0.00	31.36 2.19 0.00	32.08 2.21 0.00	34.38 2.34 0.00	39.50 2.69 0.00	42.76 2.76 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.71 2.05 0.00	32.23 1.56 0.00	29.93 1.45 0.00	27.32 1.13 0.00
N.QUEENS_27_KV_LOAD 356247	24.32 1.86 0.00	22.77 1.65 0.00	21.31 1.54 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.49 1.56 0.00	32.34 1.83 0.00	36.44 2.38 0.00	33.27 2.69 0.00	30.18 2.49 0.00	30.81 2.44 0.00	30.86 2.39 0.00	31.24 2.53 0.00	31.74 2.57 0.00	32.50 2.63 0.00	34.76 2.72 0.00	39.83 3.02 0.00	42.88 2.88 0.00	46.61 2.89 0.00	40.64 2.34 0.00	37.06 2.39 0.00	32.57 1.90 0.00	30.65 2.16 0.00	27.98 1.78 0.00
N.TROY___115KV_TB1 355778	23.62 1.17 0.00	22.22 1.10 0.00	20.77 1.01 0.00	20.31 0.99 0.00	20.75 0.99 0.00	23.03 1.10 0.00	32.00 1.49 0.00	35.86 1.80 0.00	32.45 1.87 0.00	29.35 1.66 0.00	29.90 1.53 0.00	29.98 1.51 0.00	30.17 1.46 0.00	30.63 1.46 0.00	31.42 1.55 0.00	33.71 1.67 0.00	38.76 1.95 0.00	42.12 2.12 0.00	45.91 2.19 0.00	40.06 1.76 0.00	36.29 1.63 0.00	32.02 1.35 0.00	29.68 1.20 0.00	27.19 1.00 0.00
NARROWS_GT1_1 24228	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NARROWS_GT1_2 24229	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NARROWS_GT1_3 24230	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NARROWS_GT1_4 24231	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00

NARROWS_GT1_5 24232	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NARROWS_GT1_6 24233	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NARROWS_GT1_7 24234	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NARROWS_GT1_8 24235	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NARROWS_GT2_1 24236	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
NARROWS_GT2_2 24237	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
NARROWS_GT2_3 24238	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
NARROWS_GT2_4 24239	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
NARROWS_GT2_5 24240	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
NARROWS_GT2_6 24241	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
NARROWS_GT2_7 24242	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
NARROWS_GT2_8 24243	24.29 1.84 0.00	22.74 1.63 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.49 1.56 0.00	32.58 2.08 0.00	36.71 2.66 0.00	33.55 2.97 0.00	30.43 2.74 0.00	31.04 2.67 0.00	31.12 2.65 0.00	31.47 2.76 0.00	32.06 2.89 0.00	32.80 2.93 0.00	35.05 3.01 0.00	40.13 3.31 0.00	43.24 3.24 0.00	47.01 3.28 0.00	40.94 2.64 0.00	37.30 2.63 0.00	32.66 1.99 0.00	30.48 1.99 0.00	27.82 1.62 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.53 1.08 0.00	22.20 1.08 0.00	20.77 1.01 0.00	20.31 0.99 0.00	20.77 1.01 0.00	22.97 1.03 0.00	32.00 1.49 0.00	35.82 1.77 0.00	32.29 1.71 0.00	29.10 1.41 0.00	29.53 1.16 0.00	29.47 1.00 0.00	29.69 0.98 0.00	30.08 0.90 0.00	30.92 1.05 0.00	33.26 1.22 0.00	38.40 1.58 0.00	42.08 2.08 0.00	45.91 2.19 0.00	40.06 1.76 0.00	36.22 1.56 0.00	31.96 1.29 0.00	29.59 1.11 0.00	27.14 0.94 0.00
NCHELSEA_115KV_TR2 355582	23.82 1.37 0.00	22.36 1.25 0.00	20.95 1.19 0.00	20.41 1.08 0.00	20.90 1.15 0.00	23.23 1.29 0.00	32.24 1.74 0.00	36.33 2.28 0.00	33.06 2.48 0.00	29.96 2.27 0.00	30.55 2.18 0.00	30.58 2.11 0.00	30.89 2.18 0.00	31.39 2.22 0.00	32.14 2.27 0.00	34.44 2.40 0.00	39.54 2.72 0.00	42.84 2.84 0.00	46.61 2.89 0.00	40.64 2.34 0.00	36.78 2.11 0.00	32.29 1.63 0.00	29.96 1.48 0.00	27.37 1.18 0.00
NEG CAPITAL___MECHNVIL 23645	23.87 1.42 0.00	22.47 1.35 0.00	20.97 1.21 0.00	20.49 1.16 0.00	20.94 1.19 0.00	23.25 1.32 0.00	32.31 1.80 0.00	36.17 2.11 0.00	32.72 2.14 0.00	29.54 1.86 0.00	30.07 1.70 0.00	30.12 1.65 0.00	30.29 1.58 0.00	30.72 1.55 0.00	31.51 1.64 0.00	33.83 1.79 0.00	38.91 2.10 0.00	42.44 2.44 0.00	46.30 2.58 0.00	40.45 2.14 0.00	36.57 1.91 0.00	32.26 1.59 0.00	29.91 1.42 0.00	27.40 1.21 0.00

NEG CENTRAL_HIGH_ACRES 23767	20.88 -1.57 0.00	19.62 -1.50 0.00	18.36 -1.40 0.00	17.94 -1.39 0.00	18.40 -1.36 0.00	20.42 -1.51 0.00	28.64 -1.86 0.00	31.77 -2.28 0.00	28.71 -1.87 0.00	26.08 -1.61 0.00	26.55 -1.82 0.00	26.79 -1.68 0.00	27.10 -1.61 0.00	27.42 -1.75 0.00	28.17 -1.70 0.00	30.12 -1.92 0.00	34.50 -2.32 0.00	37.40 -2.60 0.00	40.97 -2.75 0.00	36.20 -2.11 0.00	32.48 -2.18 0.00	28.98 -1.69 0.00	27.03 -1.45 0.00	25.17 -1.02 0.00
NEG CENTRAL___DRP 24199	21.85 -0.61 0.00	20.53 -0.59 0.00	19.19 -0.57 0.00	18.75 -0.58 0.00	19.23 -0.53 0.00	21.37 -0.57 0.00	29.99 -0.52 0.00	33.34 -0.72 0.00	29.97 -0.61 0.00	27.16 -0.53 0.00	27.57 -0.79 0.00	27.76 -0.71 0.00	28.02 -0.69 0.00	28.47 -0.70 0.00	29.09 -0.78 0.00	31.24 -0.80 0.00	35.93 -0.88 0.00	39.00 -1.00 0.00	42.72 -1.01 0.00	37.61 -0.69 0.00	33.97 -0.69 0.00	30.15 -0.52 0.00	28.11 -0.37 0.00	25.99 -0.21 0.00
NEG CENTRAL___INDECK 23768	21.44 -1.01 0.00	20.13 -0.99 0.00	18.82 -0.95 0.00	18.36 -0.97 0.00	18.87 -0.89 0.00	20.97 -0.96 0.00	29.59 -0.91 0.00	32.79 -1.26 0.00	29.57 -1.01 0.00	26.66 -1.02 0.00	26.98 -1.39 0.00	27.19 -1.28 0.00	27.56 -1.15 0.00	27.86 -1.31 0.00	28.68 -1.20 0.00	30.79 -1.25 0.00	35.49 -1.32 0.00	38.72 -1.28 0.00	42.76 -0.96 0.00	37.96 -0.35 0.00	34.00 -0.66 0.00	30.46 -0.21 0.00	28.45 -0.03 0.00	26.61 0.42 0.00
NEG CENTRAL___SENECA 23627	21.73 -0.72 0.00	20.40 -0.72 0.00	19.07 -0.69 0.00	18.63 -0.70 0.00	19.13 -0.63 0.00	21.26 -0.68 0.00	29.93 -0.58 0.00	33.24 -0.82 0.00	29.88 -0.70 0.00	27.08 -0.61 0.00	27.43 -0.94 0.00	27.65 -0.83 0.00	27.91 -0.80 0.00	28.36 -0.82 0.00	28.97 -0.90 0.00	31.11 -0.93 0.00	35.82 -0.99 0.00	38.84 -1.16 0.00	42.54 -1.18 0.00	37.57 -0.73 0.00	33.90 -0.76 0.00	30.18 -0.49 0.00	28.17 -0.31 0.00	26.12 -0.08 0.00
NEG CENTRAL___STATE_STREET 24147	22.00 -0.45 0.00	20.70 -0.42 0.00	19.35 -0.42 0.00	18.92 -0.41 0.00	19.36 -0.40 0.00	21.52 -0.42 0.00	30.14 -0.37 0.00	33.54 -0.51 0.00	30.18 -0.40 0.00	27.35 -0.33 0.00	27.80 -0.57 0.00	27.99 -0.48 0.00	28.22 -0.49 0.00	28.71 -0.47 0.00	29.36 -0.51 0.00	31.50 -0.54 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.84 -0.46 0.00	34.14 -0.52 0.00	30.27 -0.40 0.00	28.17 -0.31 0.00	25.93 -0.26 0.00
NEG MILLWOOD___DRP 24198	23.96 1.50 0.00	22.47 1.35 0.00	21.07 1.30 0.00	20.53 1.20 0.00	21.00 1.24 0.00	23.34 1.40 0.00	32.43 1.92 0.00	36.54 2.49 0.00	33.33 2.75 0.00	30.18 2.49 0.00	30.81 2.44 0.00	30.86 2.39 0.00	31.15 2.44 0.00	31.74 2.57 0.00	32.47 2.60 0.00	34.80 2.76 0.00	39.87 3.06 0.00	43.16 3.16 0.00	47.05 3.32 0.00	40.98 2.68 0.00	37.09 2.43 0.00	32.45 1.78 0.00	30.13 1.65 0.00	27.50 1.31 0.00
NEG NORTH_FLCN_SEA 23793	-6.85 -0.79 28.52	-6.96 -0.70 27.38	-6.88 -0.67 25.98	-6.89 -0.64 25.58	-6.98 -0.67 26.07	-6.59 -1.01 27.52	-6.32 -1.31 35.51	-6.38 -1.26 39.17	-6.48 -1.56 35.50	-6.50 -1.47 32.72	-6.38 -1.53 33.21	-6.40 -1.57 33.31	-6.46 -1.55 33.62	-6.45 -1.55 34.07	-6.40 -1.55 34.72	-6.26 -1.67 36.64	12.78 -1.51 22.53	38.92 -1.08 0.00	43.16 -0.57 0.00	38.23 -0.08 0.00	34.91 0.24 0.00	31.07 0.40 0.00	28.99 0.51 0.00	26.93 0.73 0.00
NEG NORTH_KES_CHATEGAY 23792	-7.38 -0.94 28.89	-8.13 -0.84 28.40	-7.42 -0.79 26.40	-7.47 -0.77 26.02	-8.05 -0.79 27.02	-7.89 -0.79 29.04	-6.40 -1.07 35.83	-7.66 -1.06 40.65	-5.85 -1.41 35.02	-5.93 -1.27 32.34	-6.17 -1.16 33.38	-6.22 -1.22 33.47	-6.28 -1.21 33.79	-6.29 -1.23 34.24	-6.23 -1.22 34.88	-5.95 -1.22 36.77	14.07 -1.18 21.56	39.08 -0.92 0.00	43.24 -0.48 0.00	38.11 -0.19 0.00	34.73 0.07 0.00	30.85 0.18 0.00	28.71 0.23 0.00	26.59 0.39 0.00
NEG NORTH___ALICE_FALLS 23915	-6.86 -0.74 28.58	-7.06 -0.63 27.54	-6.89 -0.61 26.04	-6.92 -0.60 25.65	-7.05 -0.59 26.22	-6.70 -0.88 27.76	-6.15 -1.10 35.56	-6.38 -1.02 39.41	-6.19 -1.35 35.42	-6.25 -1.27 32.66	-6.20 -1.33 33.24	-6.23 -1.37 33.33	-6.28 -1.35 33.64	-6.27 -1.34 34.10	-6.22 -1.34 34.75	-6.03 -1.41 36.66	13.22 -1.21 22.37	39.20 -0.80 0.00	43.46 -0.26 0.00	38.46 0.15 0.00	35.12 0.45 0.00	31.19 0.52 0.00	29.08 0.60 0.00	26.98 0.79 0.00
NEG NORTH___LWR_SARANAC 23913	-6.86 -0.74 28.58	-7.06 -0.63 27.54	-6.89 -0.61 26.04	-6.92 -0.60 25.65	-7.05 -0.59 26.22	-6.70 -0.88 27.76	-6.15 -1.10 35.56	-6.38 -1.02 39.41	-6.19 -1.35 35.42	-6.25 -1.27 32.66	-6.20 -1.33 33.24	-6.23 -1.37 33.33	-6.28 -1.35 33.64	-6.27 -1.34 34.10	-6.22 -1.34 34.75	-6.03 -1.41 36.66	13.22 -1.21 22.37	39.20 -0.80 0.00	43.46 -0.26 0.00	38.46 0.15 0.00	35.12 0.45 0.00	31.19 0.52 0.00	29.08 0.60 0.00	26.98 0.79 0.00
NEG NORTH___PLATTSBURG 23628	-6.86 -0.74 28.58	-7.08 -0.65 27.54	-6.89 -0.61 26.04	-6.92 -0.60 25.65	-7.05 -0.59 26.22	-6.70 -0.88 27.76	-6.15 -1.10 35.56	-6.38 -1.02 39.41	-6.19 -1.34 35.42	-6.25 -1.27 32.66	-6.20 -1.33 33.24	-6.23 -1.37 33.33	-6.28 -1.35 33.64	-6.24 -1.31 34.10	-6.22 -1.34 34.75	-6.03 -1.41 36.66	13.23 -1.21 22.37	39.20 -0.80 0.00	43.46 -0.26 0.00	38.46 0.15 0.00	35.11 0.45 0.00	31.19 0.52 0.00	29.08 0.60 0.00	26.98 0.79 0.00
NEG WEST_LEA_LOCKPORT 23791	20.21 -2.25 0.00	18.84 -2.28 0.00	17.65 -2.11 0.00	17.22 -2.11 0.00	17.74 -2.02 0.00	19.63 -2.30 0.00	27.70 -2.81 0.00	30.07 -3.98 0.00	27.74 -2.84 0.00	25.22 -2.46 0.00	25.67 -2.70 0.00	26.17 -2.31 0.00	26.38 -2.33 0.00	26.78 -2.39 0.00	27.06 -2.81 0.00	29.06 -2.98 0.00	33.21 -3.61 0.00	35.76 -4.24 0.00	39.13 -4.59 0.00	35.05 -3.26 0.00	31.30 -3.36 0.00	28.21 -2.45 0.00	26.57 -1.91 0.00	25.41 -0.79 0.00
NEG WEST___LANCASTR 23811	21.02 -1.44 0.00	19.56 -1.56 0.00	18.34 -1.42 0.00	17.90 -1.43 0.00	18.47 -1.28 0.00	20.47 -1.47 0.00	28.98 -1.53 0.00	31.53 -2.52 0.00	28.93 -1.65 0.00	26.19 -1.49 0.00	26.61 -1.76 0.00	27.02 -1.45 0.00	27.30 -1.41 0.00	27.74 -1.43 0.00	28.08 -1.79 0.00	30.18 -1.86 0.00	34.42 -2.39 0.00	37.28 -2.72 0.00	40.80 -2.93 0.00	36.46 -1.84 0.00	32.52 -2.15 0.00	29.23 -1.44 0.00	27.49 -1.00 0.00	26.14 -0.05 0.00
NEG_PENN_ALLEGHNY 23528	22.18 -0.27 0.00	20.82 -0.30 0.00	19.47 -0.30 0.00	19.04 -0.29 0.00	19.50 -0.26 0.00	21.67 -0.26 0.00	30.35 -0.15 0.00	33.78 -0.27 0.00	30.49 -0.09 0.00	27.60 -0.08 0.00	28.09 -0.28 0.00	28.24 -0.23 0.00	28.51 -0.20 0.00	28.94 -0.23 0.00	29.63 -0.24 0.00	31.78 -0.26 0.00	36.56 -0.26 0.00	39.76 -0.24 0.00	43.51 -0.22 0.00	38.23 -0.08 0.00	34.46 -0.21 0.00	30.55 -0.12 0.00	28.45 -0.03 0.00	26.30 0.11 0.00
NEG___GEN_MONROE 24207	21.08 -1.37 0.00	19.81 -1.31 0.00	18.50 -1.27 0.00	18.07 -1.26 0.00	18.55 -1.21 0.00	20.60 -1.34 0.00	28.92 -1.59 0.00	31.74 -2.32 0.00	28.96 -1.62 0.00	26.30 -1.38 0.00	26.75 -1.62 0.00	27.11 -1.37 0.00	27.33 -1.38 0.00	27.74 -1.43 0.00	28.23 -1.64 0.00	30.21 -1.83 0.00	34.53 -2.28 0.00	37.40 -2.60 0.00	41.01 -2.71 0.00	36.46 -1.84 0.00	32.65 -2.01 0.00	29.26 -1.41 0.00	27.37 -1.11 0.00	25.75 -0.45 0.00

NEPA__ENERGY 23901	20.70 -1.75 0.00	19.26 -1.86 0.00	18.07 -1.70 0.00	17.63 -1.70 0.00	18.20 -1.56 0.00	20.16 -1.78 0.00	28.52 -1.98 0.00	31.12 -2.93 0.00	28.50 -2.08 0.00	25.80 -1.88 0.00	26.16 -2.21 0.00	26.59 -1.88 0.00	26.90 -1.81 0.00	27.28 -1.90 0.00	27.63 -2.24 0.00	29.77 -2.27 0.00	34.20 -2.61 0.00	37.12 -2.88 0.00	40.66 -3.06 0.00	36.39 -1.92 0.00	32.45 -2.22 0.00	29.17 -1.50 0.00	27.43 -1.05 0.00	25.99 -0.21 0.00
NEVERSink__HYD 23608	23.66 1.21 0.00	22.22 1.10 0.00	20.79 1.03 0.00	20.29 0.97 0.00	20.79 1.03 0.00	23.10 1.16 0.00	32.09 1.59 0.00	36.13 2.08 0.00	32.81 2.23 0.00	29.70 2.02 0.00	30.27 1.90 0.00	30.32 1.85 0.00	30.60 1.89 0.00	31.10 1.92 0.00	31.87 2.00 0.00	34.16 2.11 0.00	39.28 2.47 0.00	42.60 2.60 0.00	46.44 2.71 0.00	40.52 2.22 0.00	36.64 1.97 0.00	32.20 1.53 0.00	29.91 1.42 0.00	27.35 1.15 0.00
NEWKRMKL_115KV_TB1 55635	23.26 0.81 0.00	21.92 0.80 0.00	20.52 0.75 0.00	20.08 0.75 0.00	20.49 0.73 0.00	22.70 0.77 0.00	31.57 1.07 0.00	35.35 1.29 0.00	31.96 1.38 0.00	28.90 1.22 0.00	29.48 1.11 0.00	29.55 1.08 0.00	29.77 1.06 0.00	30.22 1.05 0.00	31.01 1.14 0.00	33.23 1.19 0.00	38.21 1.40 0.00	41.52 1.52 0.00	45.30 1.57 0.00	39.53 1.23 0.00	35.81 1.14 0.00	31.56 0.89 0.00	29.25 0.77 0.00	26.80 0.60 0.00
NEWTON__FALLS_HYD 23847	25.68 0.20 -3.02	28.56 0.23 -7.21	23.25 0.18 -3.30	22.95 0.21 -3.41	26.69 0.22 -6.71	33.79 0.37 -11.48	34.91 0.73 -3.67	46.89 1.16 -11.68	28.51 0.55 2.62	26.01 0.33 2.00	30.41 0.11 -1.93	30.44 0.06 -1.91	30.72 0.06 -1.95	31.19 0.06 -1.96	31.89 0.12 -1.90	34.26 0.45 -1.77	31.18 0.77 6.41	41.40 1.40 0.00	46.30 2.58 0.00	40.60 2.30 0.00	36.64 1.98 0.00	32.45 1.78 0.00	29.99 1.51 0.00	27.61 1.41 0.00
NGRID_A1_DSASP 323792	19.92 -2.54 0.00	18.58 -2.53 0.00	17.41 -2.35 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.37 -2.57 0.00	27.27 -3.23 0.00	29.69 -4.36 0.00	27.22 -3.36 0.00	24.72 -2.96 0.00	25.28 -3.09 0.00	25.65 -2.82 0.00	25.95 -2.76 0.00	26.14 -3.03 0.00	26.79 -3.08 0.00	28.55 -3.49 0.00	32.65 -4.16 0.00	35.20 -4.80 0.00	38.52 -5.20 0.00	34.36 -3.94 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
NGRID_A2_DSASP 323793	19.92 -2.54 0.00	18.58 -2.53 0.00	17.41 -2.35 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.37 -2.57 0.00	27.27 -3.23 0.00	29.69 -4.36 0.00	27.22 -3.36 0.00	24.72 -2.96 0.00	25.28 -3.09 0.00	25.65 -2.82 0.00	25.95 -2.76 0.00	26.14 -3.03 0.00	26.79 -3.08 0.00	28.55 -3.49 0.00	32.65 -4.16 0.00	35.20 -4.80 0.00	38.52 -5.20 0.00	34.36 -3.94 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
NGRID_A4_DSASP 323807	19.92 -2.54 0.00	18.58 -2.53 0.00	17.41 -2.35 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.37 -2.57 0.00	27.27 -3.23 0.00	29.69 -4.36 0.00	27.22 -3.36 0.00	24.72 -2.96 0.00	25.28 -3.09 0.00	25.65 -2.82 0.00	25.95 -2.76 0.00	26.14 -3.03 0.00	26.79 -3.08 0.00	28.55 -3.49 0.00	32.65 -4.16 0.00	35.20 -4.80 0.00	38.52 -5.20 0.00	34.36 -3.94 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
NIAGARA_115E_LBMP 323715	19.85 -2.60 0.00	18.52 -2.60 0.00	17.33 -2.43 0.00	16.91 -2.42 0.00	17.43 -2.33 0.00	19.30 -2.63 0.00	27.18 -3.32 0.00	29.63 -4.43 0.00	27.12 -3.46 0.00	24.64 -3.05 0.00	25.19 -3.18 0.00	25.57 -2.90 0.00	25.87 -2.84 0.00	26.05 -3.12 0.00	26.70 -3.17 0.00	28.48 -3.56 0.00	32.54 -4.27 0.00	35.12 -4.88 0.00	38.43 -5.29 0.00	34.32 -3.98 0.00	30.64 -4.02 0.00	27.66 -3.00 0.00	26.06 -2.42 0.00	24.96 -1.23 0.00
NIAGARA_115W_LBMP 323714	19.87 -2.58 0.00	18.56 -2.56 0.00	17.37 -2.39 0.00	16.95 -2.38 0.00	17.47 -2.29 0.00	19.35 -2.59 0.00	27.21 -3.30 0.00	29.66 -4.39 0.00	27.16 -3.42 0.00	24.67 -3.02 0.00	25.22 -3.15 0.00	25.60 -2.87 0.00	25.90 -2.81 0.00	26.08 -3.09 0.00	26.73 -3.14 0.00	28.48 -3.56 0.00	32.58 -4.23 0.00	35.12 -4.88 0.00	38.43 -5.29 0.00	34.28 -4.02 0.00	30.64 -4.02 0.00	27.63 -3.04 0.00	26.06 -2.42 0.00	24.96 -1.23 0.00
NIAGARA_230_LBMP 323716	20.10 -2.36 0.00	18.77 -2.34 0.00	17.57 -2.19 0.00	17.14 -2.18 0.00	17.66 -2.09 0.00	19.57 -2.37 0.00	27.52 -2.99 0.00	30.00 -4.05 0.00	27.46 -3.12 0.00	24.92 -2.77 0.00	25.48 -2.89 0.00	25.85 -2.62 0.00	26.15 -2.56 0.00	26.31 -2.86 0.00	27.00 -2.87 0.00	28.77 -3.27 0.00	32.91 -3.90 0.00	35.56 -4.44 0.00	38.87 -4.85 0.00	34.66 -3.64 0.00	30.99 -3.68 0.00	27.94 -2.73 0.00	26.32 -2.17 0.00	25.17 -1.02 0.00
NIAGARA__115KV_198_GIBSON 55903	19.87 -2.58 0.00	18.54 -2.58 0.00	17.35 -2.41 0.00	16.95 -2.38 0.00	17.47 -2.29 0.00	19.33 -2.61 0.00	27.21 -3.29 0.00	29.42 -4.63 0.00	27.22 -3.36 0.00	24.75 -2.93 0.00	25.22 -3.15 0.00	25.71 -2.76 0.00	25.92 -2.78 0.00	26.31 -2.86 0.00	26.56 -3.32 0.00	28.48 -3.56 0.00	32.54 -4.27 0.00	35.04 -4.96 0.00	38.30 -5.42 0.00	34.28 -4.02 0.00	30.64 -4.02 0.00	27.63 -3.04 0.00	26.06 -2.42 0.00	24.96 -1.23 0.00
NIAGARA____ 23760	20.10 -2.36 0.00	18.77 -2.34 0.00	17.57 -2.19 0.00	17.14 -2.18 0.00	17.66 -2.09 0.00	19.57 -2.37 0.00	27.52 -2.99 0.00	30.00 -4.05 0.00	27.46 -3.12 0.00	24.92 -2.77 0.00	25.48 -2.89 0.00	25.85 -2.62 0.00	26.15 -2.56 0.00	26.31 -2.86 0.00	27.00 -2.87 0.00	28.77 -3.27 0.00	32.91 -3.90 0.00	35.56 -4.44 0.00	38.87 -4.85 0.00	34.66 -3.64 0.00	30.99 -3.68 0.00	27.94 -2.73 0.00	26.32 -2.17 0.00	25.17 -1.02 0.00
NINE_MILE_1 23575	21.69 -0.76 0.00	20.40 -0.72 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.11 -0.65 0.00	21.21 -0.72 0.00	29.53 -0.98 0.00	32.83 -1.22 0.00	29.48 -1.10 0.00	26.69 -1.00 0.00	27.23 -1.14 0.00	27.36 -1.11 0.00	27.59 -1.12 0.00	28.03 -1.14 0.00	28.71 -1.17 0.00	30.79 -1.25 0.00	35.38 -1.44 0.00	38.44 -1.56 0.00	42.02 -1.71 0.00	36.89 -1.42 0.00	33.28 -1.39 0.00	29.50 -1.17 0.00	27.40 -1.08 0.00	25.25 -0.94 0.00
NINE_MILE_2 23744	21.69 -0.76 0.00	20.40 -0.72 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.11 -0.65 0.00	21.21 -0.72 0.00	29.53 -0.98 0.00	32.83 -1.22 0.00	29.48 -1.10 0.00	26.69 -1.00 0.00	27.23 -1.14 0.00	27.36 -1.11 0.00	27.59 -1.12 0.00	28.03 -1.14 0.00	28.71 -1.17 0.00	30.79 -1.25 0.00	35.38 -1.44 0.00	38.44 -1.56 0.00	42.02 -1.71 0.00	36.89 -1.42 0.00	33.31 -1.35 0.00	29.50 -1.17 0.00	27.40 -1.08 0.00	25.25 -0.94 0.00
NM_CAPITAL__DRP 24208	23.33 0.88 0.00	21.96 0.84 0.00	20.58 0.81 0.00	20.12 0.79 0.00	20.55 0.79 0.00	22.77 0.83 0.00	31.67 1.16 0.00	35.45 1.40 0.00	32.08 1.50 0.00	29.01 1.33 0.00	29.59 1.22 0.00	29.67 1.20 0.00	29.89 1.18 0.00	30.34 1.17 0.00	31.10 1.22 0.00	33.35 1.31 0.00	38.32 1.51 0.00	41.64 1.64 0.00	45.39 1.66 0.00	39.64 1.34 0.00	35.91 1.25 0.00	31.65 0.98 0.00	29.34 0.85 0.00	26.88 0.68 0.00

NM_CENTRAL___DRP 24181	22.03 -0.43 0.00	20.72 -0.40 0.00	19.37 -0.40 0.00	18.94 -0.39 0.00	19.38 -0.38 0.00	21.52 -0.42 0.00	30.05 -0.46 0.00	33.41 -0.65 0.00	30.09 -0.49 0.00	27.27 -0.42 0.00	27.77 -0.60 0.00	27.93 -0.54 0.00	28.16 -0.55 0.00	28.62 -0.55 0.00	29.27 -0.60 0.00	31.40 -0.64 0.00	36.08 -0.74 0.00	39.20 -0.80 0.00	42.85 -0.87 0.00	37.61 -0.69 0.00	33.94 -0.73 0.00	30.09 -0.58 0.00	27.97 -0.51 0.00	25.75 -0.45 0.00
NM_FRONTIER___DRP 24179	19.87 -2.58 0.00	18.54 -2.58 0.00	17.35 -2.41 0.00	16.95 -2.38 0.00	17.47 -2.29 0.00	19.33 -2.61 0.00	27.21 -3.29 0.00	29.42 -4.63 0.00	27.22 -3.36 0.00	24.75 -2.93 0.00	25.22 -3.15 0.00	25.71 -2.76 0.00	25.92 -2.78 0.00	26.31 -2.86 0.00	26.56 -3.32 0.00	28.48 -3.56 0.00	32.54 -4.27 0.00	35.04 -4.96 0.00	38.30 -5.42 0.00	34.28 -4.02 0.00	30.64 -4.02 0.00	27.63 -3.04 0.00	26.06 -2.42 0.00	24.96 -1.23 0.00
NM_ST_REGIS___HYD 24053	27.29 0.02 -4.82	33.41 0.08 -12.21	25.18 0.06 -5.36	24.96 0.08 -5.56	31.20 0.08 -11.36	41.93 0.24 -19.75	36.95 0.58 -5.87	54.98 1.02 -19.91	25.64 0.28 5.22	23.66 0.06 4.08	31.13 -0.09 -2.84	31.11 -0.17 -2.81	31.45 -0.14 -2.88	31.91 -0.15 -2.89	32.54 -0.09 -2.76	34.71 0.16 -2.51	25.71 0.55 11.66	41.20 1.20 0.00	46.13 2.40 0.00	40.52 2.22 0.00	36.67 2.01 0.00	32.51 1.84 0.00	30.05 1.57 0.00	27.71 1.52 0.00
NORTHPORT___1 23551	24.50 2.04 0.00	22.79 1.67 0.00	21.29 1.52 0.00	20.64 1.31 0.00	21.16 1.40 0.00	23.71 1.78 0.00	32.46 1.95 0.00	35.69 1.63 0.00	33.67 3.09 0.00	30.81 3.13 0.00	31.16 2.78 -0.01	31.24 2.76 -0.01	31.41 2.70 0.00	32.00 2.83 0.00	32.44 2.57 0.00	34.35 2.31 0.00	39.39 2.58 0.00	43.04 3.04 0.00	46.48 2.76 0.00	40.06 1.76 0.00	36.23 1.56 0.00	32.35 1.69 0.00	30.45 1.96 0.00	27.74 1.55 0.00
NORTHPORT___2 23552	24.50 2.04 0.00	22.79 1.67 0.00	21.29 1.52 0.00	20.64 1.31 0.00	21.16 1.40 0.00	23.71 1.78 0.00	32.46 1.95 0.00	35.69 1.63 0.00	33.67 3.09 0.00	30.81 3.13 0.00	31.16 2.78 -0.01	31.24 2.76 -0.01	31.41 2.70 0.00	32.00 2.83 0.00	32.44 2.57 0.00	34.35 2.31 0.00	39.39 2.58 0.00	43.04 3.04 0.00	46.48 2.76 0.00	40.06 1.76 0.00	36.23 1.56 0.00	32.35 1.69 0.00	30.45 1.96 0.00	27.74 1.55 0.00
NORTHPORT___3 23553	24.36 1.91 0.00	22.66 1.54 0.00	21.17 1.40 0.00	20.57 1.24 0.00	21.04 1.28 0.00	23.56 1.62 0.00	32.37 1.86 0.00	35.48 1.43 0.00	33.49 2.91 0.00	30.65 2.96 0.00	31.10 2.72 -0.01	31.13 2.65 -0.01	31.35 2.64 0.00	31.85 2.68 0.00	32.26 2.39 0.00	34.12 2.08 0.00	39.17 2.36 0.00	42.68 2.68 0.00	46.17 2.45 0.00	39.84 1.53 0.00	36.05 1.39 0.00	32.23 1.56 0.00	30.39 1.91 0.00	27.66 1.47 0.00
NORTHPORT___4 23650	24.36 1.91 0.00	22.66 1.54 0.00	21.17 1.40 0.00	20.57 1.24 0.00	21.04 1.28 0.00	23.56 1.62 0.00	32.37 1.86 0.00	35.48 1.43 0.00	33.49 2.91 0.00	30.65 2.96 0.00	31.10 2.72 -0.01	31.13 2.65 -0.01	31.35 2.64 0.00	31.85 2.68 0.00	32.26 2.39 0.00	34.12 2.08 0.00	39.17 2.36 0.00	42.68 2.68 0.00	46.17 2.45 0.00	39.84 1.53 0.00	36.05 1.39 0.00	32.23 1.56 0.00	30.39 1.91 0.00	27.66 1.47 0.00
NORTHPORT___IC 23718	24.50 2.04 0.00	22.77 1.65 0.00	21.33 1.56 0.00	20.64 1.31 0.00	21.16 1.40 0.00	23.69 1.75 0.00	32.46 1.95 0.00	35.89 1.84 0.00	33.49 2.91 0.00	30.73 3.05 0.00	31.16 2.78 -0.01	31.19 2.70 -0.01	31.41 2.70 0.00	31.80 2.63 0.00	32.29 2.42 0.00	34.35 2.31 0.00	39.46 2.65 0.00	43.04 3.04 0.00	46.52 2.80 0.00	40.10 1.80 0.00	36.22 1.56 0.00	32.35 1.69 0.00	30.45 1.97 0.00	27.74 1.55 0.00
NORTH___COUNTRY_ESR 323785	-7.41 -0.96 28.90	-8.20 -0.89 28.43	-7.47 -0.83 26.41	-7.50 -0.79 26.03	-8.11 -0.83 27.04	-7.97 -0.83 29.07	-6.49 -1.16 35.84	-7.79 -1.16 40.69	-5.87 -1.44 35.01	-5.97 -1.33 32.33	-6.21 -1.19 33.38	-6.23 -1.22 33.48	-6.31 -1.23 33.79	-6.30 -1.22 34.25	-6.29 -1.28 34.88	-6.02 -1.28 36.78	14.02 -1.25 21.54	39.00 -1.00 0.00	43.11 -0.61 0.00	37.99 -0.31 0.00	34.60 -0.07 0.00	30.76 0.09 0.00	28.65 0.17 0.00	26.51 0.32 0.00
NPX_GEN_1385_PROXY 323591	24.59 2.13 0.00	22.87 1.75 0.00	21.45 1.68 0.00	20.72 1.39 0.00	21.34 1.58 0.00	23.91 1.98 0.00	32.61 2.10 0.00	35.86 1.80 0.00	33.88 3.30 0.00	31.09 3.40 0.00	30.93 2.55 -0.01	30.96 2.48 -0.01	31.12 2.41 0.00	31.71 2.54 0.00	32.50 2.63 0.00	34.47 2.43 0.00	39.35 2.54 0.00	43.12 3.12 0.00	46.44 2.71 0.00	39.91 1.61 0.00	36.23 1.56 0.00	32.14 1.47 0.00	30.25 1.77 0.00	27.58 1.39 0.00
NPX_GEN_CSC 323557	24.88 2.43 0.00	23.06 1.94 0.00	21.55 1.78 0.00	20.89 1.56 0.00	21.38 1.62 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.23 2.18 0.00	34.19 3.61 0.00	31.17 3.49 0.00	31.64 3.26 -0.01	31.81 3.33 -0.01	31.92 3.21 0.00	32.50 3.32 0.00	32.95 3.08 0.00	34.93 2.88 0.00	40.20 3.38 0.00	44.04 4.04 0.00	47.53 3.80 0.00	40.83 2.53 0.00	36.85 2.19 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.11 1.91 0.00
NSINS_S___GLNS_FALLS 23858	24.16 1.71 0.00	22.77 1.65 0.00	21.23 1.46 0.00	20.74 1.41 0.00	21.20 1.44 0.00	23.56 1.62 0.00	32.34 1.83 0.00	36.23 2.18 0.00	32.72 2.14 0.00	29.54 1.85 0.00	29.99 1.62 0.00	30.01 1.54 0.00	30.09 1.38 0.00	30.43 1.25 0.00	31.24 1.37 0.00	33.55 1.51 0.00	38.65 1.84 0.00	42.28 2.28 0.00	46.26 2.54 0.00	40.33 2.03 0.00	36.43 1.77 0.00	32.11 1.44 0.00	29.79 1.31 0.00	27.29 1.10 0.00
NUCOR_STEEL___DRP 24197	22.07 -0.38 0.00	20.76 -0.36 0.00	19.41 -0.36 0.00	18.98 -0.35 0.00	19.42 -0.34 0.00	21.59 -0.35 0.00	30.20 -0.31 0.00	33.58 -0.48 0.00	30.21 -0.37 0.00	27.38 -0.30 0.00	27.86 -0.51 0.00	28.05 -0.43 0.00	28.28 -0.43 0.00	28.73 -0.44 0.00	29.42 -0.45 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.11 -0.61 0.00	37.84 -0.46 0.00	34.14 -0.52 0.00	30.30 -0.37 0.00	28.20 -0.28 0.00	25.96 -0.24 0.00
NUMBER_THREE_WT_PWR 323818	24.28 0.16 -1.67	24.61 0.17 -3.32	21.65 0.14 -1.74	21.26 0.15 -1.78	23.02 0.16 -3.10	27.21 0.28 -4.99	33.04 0.52 -2.02	40.16 0.85 -5.26	30.56 0.46 0.48	27.71 0.31 0.28	29.77 0.11 -1.29	29.84 0.09 -1.28	30.10 0.09 -1.31	30.55 0.06 -1.32	31.29 0.12 -1.30	33.83 0.51 -1.28	35.40 0.77 2.19	41.24 1.24 0.00	46.00 2.27 0.00	40.25 1.95 0.00	36.29 1.63 0.00	32.14 1.47 0.00	29.73 1.25 0.00	27.35 1.15 0.00
NYISO_LBMP_REFERENCE 24008	22.45 0.00 0.00	21.12 0.00 0.00	19.77 0.00 0.00	19.33 0.00 0.00	19.76 0.00 0.00	21.94 0.00 0.00	30.51 0.00 0.00	34.05 0.00 0.00	30.58 0.00 0.00	27.68 0.00 0.00	28.37 0.00 0.00	28.47 0.00 0.00	28.71 0.00 0.00	29.17 0.00 0.00	29.87 0.00 0.00	32.04 0.00 0.00	36.81 0.00 0.00	40.00 0.00 0.00	43.72 0.00 0.00	38.30 0.00 0.00	34.66 0.00 0.00	30.67 0.00 0.00	28.48 0.00 0.00	26.19 0.00 0.00

NYPA_BRENTWD____GT 24164	24.74 2.29 0.00	22.98 1.86 0.00	21.47 1.70 0.00	20.84 1.51 0.00	21.32 1.56 0.00	23.91 1.98 0.00	32.76 2.26 0.00	36.13 2.08 0.00	34.03 3.45 0.00	31.09 3.40 0.00	31.53 3.15 -0.01	31.64 3.16 -0.01	31.81 3.10 0.00	32.38 3.21 0.00	32.86 2.99 0.00	34.80 2.76 0.00	40.01 3.20 0.00	43.72 3.72 0.00	47.22 3.50 0.00	40.68 2.38 0.00	36.74 2.08 0.00	32.78 2.11 0.00	30.76 2.28 0.00	28.03 1.83 0.00
NYPA_GOWANUS____GT5 24156	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NYPA_GOWANUS____GT6 24157	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.37 2.68 0.00	30.98 2.61 0.00	31.06 2.59 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.01 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.96 0.00	27.79 1.60 0.00
NYPA_HARLEM_RVR_GT1 24160	24.28 1.82 -0.01	22.75 1.63 -0.01	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.36 2.32 0.01	33.23 2.66 0.01	30.17 2.49 0.01	30.74 2.38 0.01	30.83 2.36 0.01	31.17 2.47 0.01	31.73 2.57 0.01	32.43 2.57 0.01	34.69 2.66 0.01	39.75 2.95 0.01	42.79 2.80 0.01	46.52 2.80 0.01	40.55 2.26 0.01	36.94 2.29 0.01	32.48 1.81 0.00	30.57 2.08 -0.01	27.90 1.70 -0.01
NYPA_HARLEM_RVR_GT2 24161	24.28 1.82 -0.01	22.75 1.63 -0.01	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.36 2.32 0.01	33.23 2.66 0.01	30.17 2.49 0.01	30.74 2.38 0.01	30.83 2.36 0.01	31.17 2.47 0.01	31.73 2.57 0.01	32.43 2.57 0.01	34.69 2.66 0.01	39.75 2.95 0.01	42.79 2.80 0.01	46.52 2.80 0.01	40.55 2.26 0.01	36.94 2.29 0.01	32.48 1.81 0.00	30.57 2.08 -0.01	27.90 1.70 -0.01
NYPA_KENT____GT 24152	24.23 1.77 0.00	22.70 1.58 0.00	21.23 1.46 0.00	20.66 1.33 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.68 2.62 0.00	33.49 2.91 0.00	30.40 2.71 0.00	31.01 2.64 0.00	31.09 2.62 0.00	31.41 2.70 0.00	31.97 2.80 0.00	32.71 2.84 0.00	34.96 2.92 0.00	40.05 3.24 0.00	43.16 3.16 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.19 2.53 0.00	32.60 1.93 0.00	30.42 1.94 0.00	27.77 1.57 0.00
NYPA_POUCH1____GT 24155	24.29 1.84 0.00	22.74 1.63 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.45 1.51 0.00	32.49 1.98 0.00	36.61 2.56 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.32 2.61 0.00	31.91 2.74 0.00	32.65 2.78 0.00	34.89 2.85 0.00	39.79 2.98 0.00	42.88 2.88 0.01	46.60 2.89 0.01	40.63 2.34 0.01	37.19 2.53 0.00	32.57 1.90 0.00	30.42 1.94 0.00	27.79 1.60 0.00
NYPA_VERNON____GT2 24162	24.18 1.73 0.00	22.66 1.54 0.00	21.19 1.42 0.00	20.64 1.31 0.00	21.10 1.34 0.00	23.45 1.51 0.00	32.49 1.98 0.00	36.61 2.56 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.95 2.58 0.00	31.04 2.56 0.00	31.35 2.64 0.00	31.91 2.74 0.00	32.65 2.78 0.00	34.89 2.85 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.83 3.10 0.00	40.83 2.53 0.00	37.13 2.46 0.00	32.54 1.87 0.00	30.36 1.88 0.00	27.71 1.52 0.00
NYPA_VERNON____GT3 24163	24.18 1.73 0.00	22.66 1.54 0.00	21.19 1.42 0.00	20.64 1.31 0.00	21.10 1.34 0.00	23.45 1.51 0.00	32.49 1.98 0.00	36.61 2.56 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.95 2.58 0.00	31.04 2.56 0.00	31.35 2.64 0.00	31.91 2.74 0.00	32.65 2.78 0.00	34.89 2.85 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.83 3.10 0.00	40.83 2.53 0.00	37.13 2.46 0.00	32.54 1.87 0.00	30.36 1.88 0.00	27.71 1.52 0.00
NYPA____ASTORIA_CC1 323568	24.16 1.71 0.00	22.66 1.54 0.00	21.19 1.42 0.00	20.62 1.30 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.54 2.48 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.01 0.00	40.76 2.45 0.00	37.05 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
NYPA____ASTORIA_CC2 323569	24.16 1.71 0.00	22.66 1.54 0.00	21.19 1.42 0.00	20.62 1.30 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.43 1.92 0.00	36.54 2.48 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.85 2.68 0.00	32.59 2.72 0.00	34.83 2.79 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.74 3.01 0.00	40.76 2.45 0.00	37.05 2.39 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.71 1.52 0.00
NYPA____HOLTSVILL 23794	24.68 2.22 0.00	22.91 1.79 0.00	21.41 1.64 0.00	20.76 1.43 0.00	21.26 1.50 0.00	23.84 1.91 0.00	32.55 2.04 0.00	35.92 1.87 0.00	33.88 3.30 0.00	30.92 3.24 0.00	31.36 2.98 -0.01	31.47 2.99 -0.01	31.64 2.93 0.00	32.23 3.06 0.00	32.68 2.81 0.00	34.61 2.56 0.00	39.76 2.95 0.00	43.48 3.48 0.00	46.96 3.24 0.00	40.41 2.11 0.00	36.53 1.87 0.00	32.60 1.93 0.00	30.62 2.14 0.00	27.92 1.73 0.00
NYPA____HELLGATE_GT1 24158	24.28 1.82 -0.01	22.75 1.63 -0.01	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.36 2.32 0.01	33.23 2.66 0.01	30.17 2.49 0.01	30.74 2.38 0.01	30.83 2.36 0.01	31.17 2.47 0.01	31.73 2.57 0.01	32.43 2.57 0.01	34.69 2.66 0.01	39.75 2.95 0.01	42.79 2.80 0.01	46.52 2.80 0.01	40.55 2.26 0.01	36.94 2.29 0.01	32.48 1.81 0.00	30.57 2.08 -0.01	27.90 1.70 -0.01
NYPA____HELLGATE_GT2 24159	24.28 1.82 -0.01	22.75 1.63 -0.01	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.47 1.54 0.00	32.31 1.80 0.00	36.36 2.32 0.01	33.23 2.66 0.01	30.17 2.49 0.01	30.74 2.38 0.01	30.83 2.36 0.01	31.17 2.47 0.01	31.73 2.57 0.01	32.43 2.57 0.01	34.69 2.66 0.01	39.75 2.95 0.01	42.79 2.80 0.01	46.52 2.80 0.01	40.55 2.26 0.01	36.94 2.29 0.01	32.48 1.81 0.00	30.57 2.08 -0.01	27.90 1.70 -0.01
NYS_BARGE____HYD 23848	20.21 -2.25 0.00	18.86 -2.26 0.00	17.65 -2.11 0.00	17.22 -2.11 0.00	17.74 -2.02 0.00	19.66 -2.28 0.00	27.70 -2.81 0.00	30.27 -3.78 0.00	27.70 -2.88 0.00	25.14 -2.55 0.00	25.70 -2.67 0.00	26.05 -2.42 0.00	26.38 -2.32 0.00	26.58 -2.60 0.00	27.24 -2.63 0.00	29.06 -2.98 0.00	33.24 -3.57 0.00	35.84 -4.16 0.00	39.26 -4.46 0.00	35.05 -3.26 0.00	31.30 -3.36 0.00	28.24 -2.42 0.00	26.57 -1.91 0.00	25.41 -0.79 0.00

OAK ORCHARD___HYD 24046	21.06 -1.39 0.00	19.79 -1.33 0.00	18.50 -1.27 0.00	18.05 -1.28 0.00	18.55 -1.21 0.00	20.58 -1.36 0.00	28.86 -1.65 0.00	31.91 -2.14 0.00	28.93 -1.65 0.00	26.27 -1.41 0.00	26.78 -1.59 0.00	27.05 -1.42 0.00	27.36 -1.35 0.00	27.65 -1.52 0.00	28.41 -1.46 0.00	30.37 -1.67 0.00	34.75 -2.06 0.00	37.68 -2.32 0.00	41.32 -2.40 0.00	36.58 -1.72 0.00	32.76 -1.91 0.00	29.29 -1.38 0.00	27.37 -1.11 0.00	25.64 -0.55 0.00
OAKDALE___35_KV_LOAD 356122	22.12 -0.34 0.00	20.76 -0.36 0.00	19.43 -0.34 0.00	19.00 -0.33 0.00	19.46 -0.30 0.00	21.61 -0.33 0.00	30.23 -0.27 0.00	33.61 -0.44 0.00	30.40 -0.18 0.00	27.52 -0.17 0.00	28.00 -0.37 0.00	28.19 -0.28 0.00	28.42 -0.29 0.00	28.88 -0.29 0.00	29.51 -0.36 0.00	31.69 -0.35 0.00	36.45 -0.37 0.00	39.60 -0.40 0.00	43.33 -0.39 0.00	38.11 -0.19 0.00	34.32 -0.35 0.00	30.45 -0.21 0.00	28.37 -0.11 0.00	26.22 0.03 0.00
OCC_CHEM___DRP 24175	19.92 -2.54 0.00	18.58 -2.53 0.00	17.39 -2.37 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.35 -2.59 0.00	27.27 -3.23 0.00	29.49 -4.56 0.00	27.28 -3.30 0.00	24.81 -2.88 0.00	25.28 -3.09 0.00	25.77 -2.70 0.00	25.98 -2.73 0.00	26.37 -2.80 0.00	26.61 -3.26 0.00	28.55 -3.49 0.00	32.62 -4.20 0.00	35.12 -4.88 0.00	38.39 -5.33 0.00	34.36 -3.95 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
OH_GEN_PROXY 24063	20.14 -2.31 0.00	18.82 -2.30 0.00	17.61 -2.15 0.00	17.18 -2.15 0.00	17.70 -2.06 0.00	19.61 -2.33 0.00	27.61 -2.90 0.00	30.14 -3.91 0.00	27.55 -3.03 0.00	25.00 -2.68 0.00	25.56 -2.81 0.00	25.91 -2.56 0.00	26.24 -2.47 0.00	26.40 -2.77 0.00	27.06 -2.81 0.00	28.90 -3.14 0.00	33.02 -3.79 0.00	35.68 -4.32 0.00	39.05 -4.68 0.00	34.82 -3.49 0.00	31.09 -3.57 0.00	28.00 -2.67 0.00	26.37 -2.11 0.00	25.20 -1.00 0.00
OLIN_CORP_DRP 24177	19.89 -2.56 0.00	18.54 -2.58 0.00	17.37 -2.39 0.00	16.97 -2.36 0.00	17.49 -2.27 0.00	19.33 -2.61 0.00	27.24 -3.26 0.00	29.49 -4.56 0.00	27.28 -3.30 0.00	24.78 -2.91 0.00	25.25 -3.12 0.00	25.74 -2.73 0.00	25.95 -2.76 0.00	26.34 -2.83 0.00	26.59 -3.29 0.00	28.55 -3.49 0.00	32.62 -4.20 0.00	35.12 -4.88 0.00	38.43 -5.29 0.00	34.40 -3.91 0.00	30.71 -3.95 0.00	27.72 -2.94 0.00	26.12 -2.36 0.00	25.02 -1.18 0.00
OLIN_CORP_DSASP 323712	19.92 -2.54 0.00	18.58 -2.53 0.00	17.41 -2.35 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.37 -2.57 0.00	27.27 -3.23 0.00	29.69 -4.36 0.00	27.22 -3.36 0.00	24.72 -2.96 0.00	25.28 -3.09 0.00	25.65 -2.82 0.00	25.95 -2.76 0.00	26.14 -3.03 0.00	26.79 -3.08 0.00	28.55 -3.49 0.00	32.65 -4.16 0.00	35.20 -4.80 0.00	38.52 -5.20 0.00	34.36 -3.94 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
ONEIDA_HERK_LFGE 323681	24.19 0.38 -1.36	23.31 0.36 -1.83	21.39 0.32 -1.30	20.96 0.33 -1.30	21.82 0.34 -1.73	24.66 0.44 -2.29	32.84 0.70 -1.63	37.71 0.95 -2.70	32.20 0.73 -0.89	29.19 0.64 -0.87	30.23 0.51 -1.35	30.31 0.48 -1.35	30.56 0.49 -1.36	31.05 0.50 -1.38	31.80 0.54 -1.39	34.22 0.74 -1.44	37.73 0.92 0.00	41.16 1.16 0.00	45.48 1.75 0.00	39.79 1.49 0.00	35.95 1.28 0.00	31.80 1.14 0.00	29.45 0.97 0.00	27.06 0.86 0.00
ONEIDA___115KV_TB4 55905	23.47 0.45 -0.57	22.33 0.44 -0.77	20.71 0.40 -0.55	20.26 0.39 -0.55	20.90 0.41 -0.73	23.41 0.50 -0.96	31.99 0.79 -0.69	36.18 0.99 -1.14	31.81 0.86 -0.37	28.80 0.75 -0.36	29.56 0.62 -0.57	29.70 0.65 -0.57	29.92 0.63 -0.58	30.40 0.64 -0.58	31.15 0.69 -0.59	33.42 0.77 -0.61	37.73 0.92 0.00	41.04 1.04 0.00	45.12 1.40 0.00	39.53 1.23 0.00	35.67 1.01 0.00	31.56 0.89 0.00	29.28 0.80 0.00	26.93 0.73 0.00
ONONDAGA_REF_OCCRA 23987	22.09 -0.36 0.00	20.78 -0.34 0.00	19.43 -0.34 0.00	19.00 -0.33 0.00	19.44 -0.32 0.00	21.61 -0.33 0.00	30.17 -0.34 0.00	33.58 -0.48 0.00	30.21 -0.37 0.00	27.35 -0.33 0.00	27.86 -0.51 0.00	28.02 -0.46 0.00	28.25 -0.46 0.00	28.71 -0.47 0.00	29.39 -0.48 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.80 -0.50 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.08 -0.40 0.00	25.85 -0.34 0.00
ONONDAGA___COGEN 23986	22.12 -0.34 0.00	20.80 -0.32 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.46 -0.30 0.00	21.61 -0.33 0.00	30.17 -0.34 0.00	33.58 -0.48 0.00	30.21 -0.37 0.00	27.38 -0.30 0.00	27.89 -0.48 0.00	28.02 -0.46 0.00	28.25 -0.46 0.00	28.73 -0.44 0.00	29.39 -0.48 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.77 -0.54 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.11 -0.37 0.00	25.85 -0.34 0.00
ONTARIO___LFGE 23819	21.73 -0.72 0.00	20.40 -0.72 0.00	19.07 -0.69 0.00	18.63 -0.70 0.00	19.13 -0.63 0.00	21.28 -0.66 0.00	29.93 -0.58 0.00	33.30 -0.75 0.00	29.85 -0.73 0.00	27.05 -0.64 0.00	27.43 -0.94 0.00	27.62 -0.85 0.00	27.91 -0.80 0.00	28.30 -0.87 0.00	29.03 -0.84 0.00	31.11 -0.93 0.00	35.86 -0.96 0.00	38.88 -1.12 0.00	42.59 -1.14 0.00	37.57 -0.73 0.00	33.90 -0.76 0.00	30.18 -0.49 0.00	28.17 -0.31 0.00	26.12 -0.08 0.00
ORANGEVILLE_WT_PWR 323706	20.41 -2.04 0.00	19.03 -2.09 0.00	17.83 -1.94 0.00	17.38 -1.95 0.00	17.88 -1.88 0.00	19.83 -2.11 0.00	27.94 -2.56 0.00	30.72 -3.34 0.00	27.95 -2.63 0.00	25.33 -2.35 0.00	25.82 -2.55 0.00	26.08 -2.39 0.00	26.41 -2.30 0.00	26.69 -2.48 0.00	27.39 -2.48 0.00	29.35 -2.69 0.00	33.80 -3.02 0.00	36.68 -3.32 0.00	40.23 -3.50 0.00	35.85 -2.45 0.00	32.10 -2.56 0.00	28.92 -1.75 0.00	27.20 -1.28 0.00	25.77 -0.42 0.00
ORANGEVILLE___ESR 323794	20.41 -2.04 0.00	19.03 -2.09 0.00	17.83 -1.94 0.00	17.38 -1.95 0.00	17.88 -1.88 0.00	19.83 -2.11 0.00	27.94 -2.56 0.00	30.72 -3.34 0.00	27.95 -2.63 0.00	25.33 -2.35 0.00	25.82 -2.55 0.00	26.08 -2.39 0.00	26.41 -2.30 0.00	26.69 -2.48 0.00	27.39 -2.48 0.00	29.35 -2.69 0.00	33.80 -3.02 0.00	36.68 -3.32 0.00	40.23 -3.50 0.00	35.85 -2.45 0.00	32.10 -2.56 0.00	28.92 -1.75 0.00	27.20 -1.28 0.00	25.77 -0.42 0.00
OSWEGATCHIE___HYD 24044	25.68 0.20 -3.02	28.56 0.23 -7.21	23.25 0.18 -3.30	22.95 0.21 -3.41	26.69 0.22 -6.71	33.79 0.37 -11.48	34.91 0.73 -3.67	46.89 1.16 -11.68	28.51 0.55 2.62	26.01 0.33 2.00	30.41 0.11 -1.93	30.44 0.06 -1.91	30.72 0.06 -1.95	31.19 0.06 -1.96	31.89 0.12 -1.90	34.26 0.45 -1.77	31.18 0.77 6.41	41.40 1.40 0.00	46.30 2.58 0.00	40.60 2.30 0.00	36.64 1.97 0.00	32.45 1.78 0.00	29.99 1.51 0.00	27.61 1.41 0.00
OSWEGO___5 23606	21.82 -0.63 0.00	20.53 -0.59 0.00	19.21 -0.55 0.00	18.79 -0.54 0.00	19.21 -0.55 0.00	21.32 -0.61 0.00	29.71 -0.79 0.00	33.03 -1.02 0.00	29.69 -0.89 0.00	26.88 -0.80 0.00	27.43 -0.94 0.00	27.56 -0.91 0.00	27.79 -0.92 0.00	28.24 -0.93 0.00	28.91 -0.96 0.00	31.01 -1.03 0.00	35.63 -1.18 0.00	38.76 -1.24 0.00	42.37 -1.36 0.00	37.15 -1.15 0.00	33.55 -1.11 0.00	29.72 -0.95 0.00	27.63 -0.85 0.00	25.46 -0.73 0.00

OSWEGO___6 23613	21.82 -0.63 0.00	20.53 -0.59 0.00	19.21 -0.55 0.00	18.79 -0.54 0.00	19.21 -0.55 0.00	21.32 -0.61 0.00	29.71 -0.79 0.00	33.03 -1.02 0.00	29.69 -0.89 0.00	26.88 -0.80 0.00	27.43 -0.94 0.00	27.56 -0.91 0.00	27.79 -0.92 0.00	28.24 -0.93 0.00	28.91 -0.96 0.00	31.01 -1.03 0.00	35.63 -1.18 0.00	38.76 -1.24 0.00	42.37 -1.36 0.00	37.15 -1.15 0.00	33.55 -1.11 0.00	29.72 -0.95 0.00	27.63 -0.85 0.00	25.46 -0.73 0.00
OUTOKUMPU-AB___DRP 24206	20.41 -2.04 0.00	19.01 -2.11 0.00	17.81 -1.96 0.00	17.38 -1.95 0.00	17.92 -1.84 0.00	19.81 -2.13 0.00	27.97 -2.53 0.00	30.38 -3.68 0.00	28.04 -2.54 0.00	25.50 -2.19 0.00	25.99 -2.38 0.00	26.45 -2.02 0.00	26.70 -2.01 0.00	27.10 -2.07 0.00	27.36 -2.51 0.00	29.38 -2.66 0.00	33.57 -3.24 0.00	36.12 -3.88 0.00	39.53 -4.20 0.00	35.39 -2.91 0.00	31.61 -3.05 0.00	28.52 -2.15 0.00	26.86 -1.62 0.00	25.67 -0.52 0.00
OXBOW___BTM 323836	20.19 -2.27 0.00	18.84 -2.28 0.00	17.63 -2.14 0.00	17.20 -2.13 0.00	17.74 -2.02 0.00	19.63 -2.30 0.00	27.67 -2.84 0.00	30.20 -3.85 0.00	27.64 -2.94 0.00	25.11 -2.57 0.00	25.70 -2.67 0.00	26.05 -2.42 0.00	26.38 -2.32 0.00	26.58 -2.60 0.00	27.21 -2.66 0.00	29.03 -3.01 0.00	33.21 -3.61 0.00	35.80 -4.20 0.00	39.18 -4.55 0.00	34.97 -3.33 0.00	31.20 -3.47 0.00	28.15 -2.51 0.00	26.54 -1.94 0.00	25.41 -0.79 0.00
OXBOW____ 24026	20.18 -2.27 0.00	18.82 -2.30 0.00	17.63 -2.13 0.00	17.20 -2.13 0.00	17.74 -2.02 0.00	19.61 -2.33 0.00	27.67 -2.84 0.00	30.00 -4.05 0.00	27.74 -2.84 0.00	25.19 -2.49 0.00	25.70 -2.67 0.00	26.17 -2.31 0.00	26.41 -2.30 0.00	26.81 -2.36 0.00	27.06 -2.81 0.00	29.03 -3.01 0.00	33.17 -3.64 0.00	35.68 -4.32 0.00	39.05 -4.68 0.00	34.93 -3.37 0.00	31.20 -3.47 0.00	28.15 -2.51 0.00	26.55 -1.94 0.00	25.41 -0.79 0.00
OXY_CHEM_DSASP 323612	19.92 -2.54 0.00	18.58 -2.53 0.00	17.39 -2.37 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.35 -2.59 0.00	27.27 -3.23 0.00	29.49 -4.56 0.00	27.28 -3.30 0.00	24.81 -2.88 0.00	25.28 -3.09 0.00	25.77 -2.70 0.00	25.98 -2.73 0.00	26.37 -2.80 0.00	26.61 -3.26 0.00	28.55 -3.49 0.00	32.62 -4.20 0.00	35.12 -4.88 0.00	38.39 -5.33 0.00	34.36 -3.95 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
OZONE_PARK_ESR 323760	24.23 1.77 0.00	22.68 1.56 0.00	21.23 1.46 0.00	20.68 1.35 0.00	21.16 1.40 0.00	23.54 1.60 0.00	32.73 2.23 0.00	36.95 2.89 0.00	33.67 3.09 0.00	30.51 2.82 0.00	31.15 2.78 0.00	31.21 2.73 0.00	31.55 2.84 0.00	32.06 2.89 0.00	32.83 2.96 0.00	35.12 3.08 0.00	40.31 3.50 0.00	43.52 3.52 0.00	47.31 3.59 0.00	41.29 2.99 0.00	37.40 2.74 0.00	32.78 2.12 0.00	30.48 1.99 0.00	27.82 1.62 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	19.92 -2.54 0.00	18.58 -2.53 0.00	17.39 -2.37 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.35 -2.59 0.00	27.27 -3.23 0.00	29.49 -4.56 0.00	27.28 -3.30 0.00	24.81 -2.88 0.00	25.28 -3.09 0.00	25.77 -2.70 0.00	25.98 -2.73 0.00	26.37 -2.80 0.00	26.61 -3.26 0.00	28.55 -3.49 0.00	32.62 -4.20 0.00	35.12 -4.88 0.00	38.39 -5.33 0.00	34.36 -3.95 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
PACKARD__115KV_DUPONT_184 80571	19.92 -2.54 0.00	18.58 -2.53 0.00	17.39 -2.37 0.00	16.99 -2.34 0.00	17.51 -2.25 0.00	19.35 -2.59 0.00	27.27 -3.23 0.00	29.49 -4.56 0.00	27.28 -3.30 0.00	24.81 -2.88 0.00	25.28 -3.09 0.00	25.77 -2.70 0.00	25.98 -2.73 0.00	26.37 -2.80 0.00	26.61 -3.26 0.00	28.55 -3.49 0.00	32.62 -4.20 0.00	35.12 -4.88 0.00	38.39 -5.33 0.00	34.36 -3.95 0.00	30.68 -3.99 0.00	27.69 -2.97 0.00	26.12 -2.36 0.00	25.04 -1.15 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	24.27 1.82 0.00	22.72 1.60 0.00	21.27 1.50 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.45 1.51 0.00	32.37 1.86 0.00	36.44 2.38 0.00	33.21 2.63 0.00	30.12 2.44 0.00	30.75 2.38 0.00	30.81 2.33 0.00	31.15 2.44 0.00	31.68 2.51 0.00	32.44 2.57 0.00	34.67 2.63 0.00	39.72 2.91 0.00	42.84 2.84 0.00	46.52 2.80 0.00	40.56 2.26 0.00	36.88 2.22 0.00	32.45 1.78 0.00	30.45 1.97 0.00	27.82 1.62 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	24.43 1.98 0.00	22.89 1.77 0.00	21.43 1.66 0.00	20.84 1.51 0.00	21.32 1.56 0.00	23.63 1.69 0.00	32.58 2.07 0.00	36.68 2.62 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.95 2.58 0.00	30.98 2.51 0.00	31.35 2.64 0.00	31.88 2.71 0.00	32.62 2.75 0.00	34.89 2.85 0.00	39.94 3.13 0.00	43.04 3.04 0.00	46.79 3.06 0.00	40.79 2.49 0.00	37.09 2.43 0.00	32.60 1.93 0.00	30.65 2.16 0.00	27.98 1.78 0.00
PATROON__115KV_TB1 80586	23.31 0.85 0.00	21.96 0.84 0.00	20.56 0.79 0.00	20.12 0.79 0.00	20.53 0.77 0.00	22.77 0.83 0.00	31.67 1.16 0.00	35.45 1.40 0.00	32.05 1.47 0.00	28.99 1.30 0.00	29.56 1.19 0.00	29.64 1.17 0.00	29.86 1.15 0.00	30.28 1.11 0.00	31.07 1.19 0.00	33.32 1.28 0.00	38.29 1.47 0.00	41.64 1.64 0.00	45.39 1.66 0.00	39.64 1.34 0.00	35.88 1.21 0.00	31.65 0.98 0.00	29.34 0.85 0.00	26.88 0.68 0.00
PATTRSNVILLE___SOLAR 323815	23.46 1.01 0.00	22.09 0.97 0.00	20.62 0.85 0.00	20.16 0.83 0.00	20.61 0.85 0.00	22.90 0.96 0.00	31.88 1.37 0.00	35.65 1.60 0.00	32.11 1.53 0.00	28.96 1.27 0.00	29.39 1.02 0.00	29.44 0.97 0.00	29.63 0.92 0.00	30.13 0.96 0.00	30.92 1.04 0.00	33.36 1.31 0.00	38.40 1.58 0.00	41.84 1.84 0.00	45.69 1.97 0.00	39.95 1.65 0.00	36.15 1.49 0.00	31.90 1.23 0.00	29.56 1.08 0.00	27.11 0.92 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	20.90 -1.55 0.00	19.45 -1.67 0.00	18.22 -1.54 0.00	17.80 -1.53 0.00	18.36 -1.40 0.00	20.34 -1.60 0.00	28.80 -1.71 0.00	31.33 -2.72 0.00	28.78 -1.80 0.00	26.11 -1.58 0.00	26.55 -1.82 0.00	26.96 -1.51 0.00	27.25 -1.46 0.00	27.68 -1.49 0.00	27.99 -1.88 0.00	30.09 -1.95 0.00	34.35 -2.47 0.00	37.12 -2.88 0.00	40.62 -3.10 0.00	36.31 -1.99 0.00	32.41 -2.25 0.00	29.17 -1.50 0.00	27.43 -1.05 0.00	26.12 -0.08 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	23.96 1.50 0.00	22.47 1.35 0.00	21.07 1.30 0.00	20.53 1.20 0.00	21.00 1.24 0.00	23.34 1.40 0.00	32.43 1.92 0.00	36.54 2.49 0.00	33.33 2.75 0.00	30.18 2.49 0.00	30.81 2.44 0.00	30.86 2.39 0.00	31.15 2.44 0.00	31.74 2.57 0.00	32.47 2.60 0.00	34.80 2.76 0.00	39.87 3.06 0.00	43.16 3.16 0.00	47.05 3.32 0.00	40.98 2.68 0.00	37.09 2.43 0.00	32.45 1.78 0.00	30.13 1.65 0.00	27.50 1.31 0.00
PEEKSKILL____ 23653	23.82 1.37 0.00	22.34 1.22 0.00	20.91 1.15 0.00	20.39 1.06 0.00	20.86 1.11 0.00	23.19 1.25 0.00	32.24 1.74 0.00	36.27 2.21 0.00	33.06 2.48 0.00	29.96 2.27 0.00	30.55 2.18 0.00	30.64 2.16 0.00	30.92 2.21 0.00	31.48 2.30 0.00	32.17 2.30 0.00	34.45 2.40 0.00	39.54 2.72 0.00	42.76 2.76 0.00	46.57 2.84 0.00	40.60 2.30 0.00	36.78 2.11 0.00	32.26 1.59 0.00	29.96 1.48 0.00	27.35 1.15 0.00

PGE MADISON___WINDPWR 24146	23.35 0.90 0.00	21.98 0.87 0.00	20.52 0.75 0.00	20.14 0.81 0.00	20.69 0.93 0.00	23.12 1.18 0.00	32.43 1.92 0.00	36.47 2.42 0.00	32.51 1.93 0.00	29.37 1.69 0.00	29.73 1.36 0.00	29.81 1.34 0.00	30.06 1.35 0.00	30.49 1.31 0.00	31.42 1.55 0.00	33.77 1.73 0.00	38.91 2.10 0.00	42.48 2.48 0.00	47.01 3.28 0.00	41.14 2.83 0.00	37.02 2.36 0.00	32.85 2.18 0.00	30.45 1.96 0.00	28.08 1.89 0.00
PIERCEFIELD___HYD 23852	26.90 0.25 -4.20	31.93 0.32 -10.49	24.66 0.24 -4.65	24.42 0.27 -4.82	29.80 0.28 -9.77	39.34 0.48 -16.92	36.54 0.92 -5.11	52.60 1.46 -17.09	26.89 0.64 4.33	24.68 0.36 3.37	31.04 0.14 -2.53	31.03 0.06 -2.50	31.36 0.09 -2.56	31.83 0.09 -2.57	32.48 0.15 -2.46	34.78 0.48 -2.26	27.87 0.92 9.86	41.64 1.64 0.00	46.70 2.97 0.00	40.98 2.68 0.00	37.06 2.39 0.00	32.82 2.15 0.00	30.31 1.82 0.00	27.92 1.73 0.00
PINELAWN_CC_1 323563	24.59 2.13 0.00	22.85 1.73 0.00	21.35 1.58 0.00	20.72 1.39 0.00	21.20 1.44 0.00	23.76 1.82 0.00	32.64 2.13 0.00	36.06 2.01 0.00	33.88 3.30 0.00	30.92 3.24 0.00	31.39 3.01 -0.01	31.44 2.96 -0.01	31.67 2.96 0.00	32.23 3.06 0.00	32.71 2.84 0.00	34.67 2.63 0.00	39.87 3.05 0.00	43.48 3.48 0.00	47.05 3.32 0.00	40.56 2.26 0.00	36.64 1.97 0.00	32.69 2.02 0.00	30.62 2.14 0.00	27.90 1.70 0.00
PJM_GEN_HTP_PROXY 323702	24.00 1.55 0.00	22.49 1.37 0.00	21.05 1.28 0.00	20.53 1.20 0.00	20.98 1.23 0.00	23.34 1.41 0.00	32.46 1.95 0.00	36.57 2.52 0.00	33.36 2.78 0.00	30.26 2.58 0.00	30.84 2.47 0.00	30.95 2.48 0.00	31.24 2.53 0.00	31.80 2.63 0.00	32.50 2.63 0.00	34.76 2.72 0.00	39.91 3.09 0.00	43.08 3.08 0.00	46.92 3.19 0.00	40.87 2.57 0.00	37.05 2.39 0.00	32.48 1.81 0.00	30.19 1.71 0.00	27.56 1.36 0.00
PJM_GEN_KEystone 24065	22.16 -0.29 0.00	20.76 -0.36 0.00	19.43 -0.34 0.00	18.96 -0.37 0.00	19.46 -0.30 0.00	21.63 -0.31 0.00	30.26 -0.25 0.00	33.61 -0.44 0.00	30.61 0.03 0.00	27.71 0.03 0.00	28.20 -0.17 0.00	28.42 -0.06 0.00	28.74 0.03 0.00	29.11 -0.06 0.00	29.78 -0.09 0.00	31.91 -0.13 0.00	36.56 -0.26 0.00	39.68 -0.32 0.00	43.29 -0.44 0.00	38.07 -0.23 0.00	34.25 -0.41 0.00	30.36 -0.31 0.00	28.34 -0.14 0.00	26.30 0.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.20 1.75 0.00	22.55 1.44 0.00	21.07 1.30 0.00	20.47 1.14 0.00	20.94 1.19 0.00	23.43 1.49 0.00	32.24 1.74 0.00	35.72 1.67 0.00	33.42 2.84 0.00	30.48 2.80 0.00	30.96 2.58 -0.01	30.96 2.48 -0.01	31.29 2.58 0.00	31.85 2.68 0.00	32.32 2.45 0.00	34.32 2.28 0.00	39.35 2.54 0.00	42.84 2.84 0.00	46.39 2.67 0.00	40.06 1.76 0.00	36.29 1.63 0.00	32.29 1.62 0.00	30.22 1.74 0.00	27.53 1.34 0.00
PJM_GEN_VFT_PROXY 323633	23.98 1.53 0.00	22.49 1.37 0.00	21.03 1.27 0.00	20.49 1.16 0.00	20.96 1.21 0.00	23.34 1.41 0.00	32.43 1.92 0.00	36.54 2.48 0.00	33.36 2.78 0.00	30.23 2.55 0.00	30.84 2.47 0.00	30.92 2.45 0.00	31.24 2.53 0.00	31.80 2.63 0.00	32.50 2.63 0.00	34.76 2.72 0.00	39.91 3.09 0.00	43.00 3.00 0.00	46.78 3.06 0.00	40.79 2.49 0.00	37.02 2.36 0.00	32.45 1.78 0.00	30.16 1.68 0.00	27.53 1.34 0.00
PLATSBURG_115KV_PMLD1 355749	-6.87 -0.81 28.52	-6.97 -0.72 27.37	-6.90 -0.69 25.98	-6.91 -0.66 25.58	-6.98 -0.67 26.06	-6.61 -1.03 27.51	-6.35 -1.34 35.51	-6.41 -1.29 39.17	-6.51 -1.59 35.50	-6.53 -1.49 32.72	-6.40 -1.56 33.21	-6.43 -1.59 33.31	-6.46 -1.55 33.61	-6.47 -1.58 34.07	-6.43 -1.58 34.72	-6.29 -1.70 36.64	12.74 -1.55 22.53	38.88 -1.12 0.00	43.16 -0.57 0.00	38.19 -0.11 0.00	34.91 0.24 0.00	31.04 0.37 0.00	28.97 0.48 0.00	26.93 0.73 0.00
PLEASANTVLY___LBMP 24000	23.69 1.23 0.00	22.24 1.12 0.00	20.83 1.07 0.00	20.31 0.99 0.00	20.79 1.03 0.00	23.08 1.14 0.00	32.06 1.56 0.00	36.06 2.01 0.00	32.81 2.23 0.00	29.71 2.02 0.00	30.33 1.96 0.00	30.41 1.94 0.00	30.69 1.98 0.00	31.18 2.01 0.00	31.93 2.06 0.00	34.19 2.15 0.00	39.24 2.43 0.00	42.48 2.48 0.00	46.22 2.49 0.00	40.29 1.99 0.00	36.54 1.87 0.00	32.08 1.41 0.00	29.79 1.31 0.00	27.22 1.02 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.89 1.44 0.00	22.39 1.27 0.00	20.97 1.21 0.00	20.45 1.12 0.00	20.90 1.15 0.00	23.25 1.32 0.00	32.31 1.80 0.00	36.40 2.35 0.00	33.15 2.57 0.00	30.04 2.35 0.00	30.64 2.27 0.00	30.72 2.25 0.00	31.01 2.30 0.00	31.53 2.36 0.00	32.26 2.39 0.00	34.54 2.50 0.00	39.65 2.83 0.00	42.88 2.88 0.00	46.65 2.93 0.00	40.68 2.37 0.00	36.85 2.18 0.00	32.36 1.69 0.00	30.05 1.57 0.00	27.43 1.23 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.89 1.44 0.00	22.39 1.27 0.00	20.97 1.21 0.00	20.45 1.12 0.00	20.90 1.15 0.00	23.25 1.32 0.00	32.31 1.80 0.00	36.40 2.35 0.00	33.15 2.57 0.00	30.04 2.35 0.00	30.64 2.27 0.00	30.72 2.25 0.00	31.01 2.30 0.00	31.53 2.36 0.00	32.26 2.39 0.00	34.54 2.50 0.00	39.65 2.83 0.00	42.88 2.88 0.00	46.65 2.93 0.00	40.68 2.37 0.00	36.85 2.18 0.00	32.36 1.69 0.00	30.05 1.57 0.00	27.43 1.23 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.80 1.35 0.00	22.32 1.20 0.00	20.93 1.17 0.00	20.41 1.08 0.00	20.88 1.13 0.00	23.19 1.25 0.00	32.21 1.71 0.00	36.27 2.21 0.00	33.00 2.42 0.00	29.87 2.19 0.00	30.44 2.07 0.00	30.47 1.99 0.00	30.78 2.07 0.00	31.27 2.10 0.00	32.02 2.15 0.00	34.32 2.27 0.00	39.39 2.58 0.00	42.68 2.68 0.00	46.44 2.71 0.00	40.49 2.18 0.00	36.64 1.98 0.00	32.20 1.53 0.00	29.88 1.40 0.00	27.29 1.10 0.00
POLETTI___ 23519	24.05 1.59 0.00	22.51 1.39 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.43 1.92 0.00	36.61 2.55 0.00	33.36 2.78 0.00	30.23 2.55 0.00	30.84 2.47 0.00	30.92 2.45 0.00	31.26 2.56 0.00	31.77 2.60 0.00	32.50 2.63 0.00	34.80 2.76 0.00	39.94 3.13 0.00	43.08 3.08 0.00	46.83 3.10 0.00	40.83 2.53 0.00	37.06 2.39 0.00	32.48 1.81 0.00	30.22 1.74 0.00	27.58 1.39 0.00
POMONA___ESR 323819	23.78 1.32 0.00	22.32 1.20 0.00	20.89 1.13 0.00	20.37 1.04 0.00	20.84 1.09 0.00	23.16 1.23 0.00	32.21 1.71 0.00	36.23 2.18 0.00	33.03 2.45 0.00	29.90 2.22 0.00	30.47 2.10 0.00	30.58 2.11 0.00	30.86 2.15 0.00	31.39 2.22 0.00	32.11 2.24 0.00	34.38 2.34 0.00	39.47 2.65 0.00	42.76 2.76 0.00	46.53 2.80 0.00	40.56 2.26 0.00	36.71 2.04 0.00	32.23 1.56 0.00	29.93 1.45 0.00	27.32 1.13 0.00
PORT_JEFF_3 23555	24.77 2.31 0.00	23.00 1.88 0.00	21.47 1.70 0.00	20.82 1.49 0.00	21.32 1.56 0.00	23.91 1.98 0.00	32.67 2.17 0.00	36.10 2.04 0.00	34.03 3.45 0.00	31.06 3.38 0.00	31.50 3.12 -0.01	31.64 3.16 -0.01	31.78 3.07 0.00	32.38 3.21 0.00	32.83 2.96 0.00	34.76 2.72 0.00	39.98 3.17 0.00	43.72 3.72 0.00	47.22 3.50 0.00	40.64 2.34 0.00	36.71 2.04 0.00	32.78 2.11 0.00	30.73 2.25 0.00	28.03 1.83 0.00

PORT_JEFF_4 23616	24.77 2.31 0.00	23.00 1.88 0.00	21.47 1.70 0.00	20.82 1.49 0.00	21.32 1.56 0.00	23.91 1.98 0.00	32.67 2.17 0.00	36.10 2.04 0.00	34.03 3.45 0.00	31.06 3.38 0.00	31.50 3.12 -0.01	31.64 3.16 -0.01	31.78 3.07 0.00	32.38 3.21 0.00	32.83 2.96 0.00	34.76 2.72 0.00	39.98 3.17 0.00	43.72 3.72 0.00	47.22 3.50 0.00	40.64 2.34 0.00	36.71 2.04 0.00	32.78 2.11 0.00	30.73 2.25 0.00	28.03 1.83 0.00
PORT_JEFF_IC 23713	24.79 2.34 0.00	23.00 1.88 0.00	21.53 1.76 0.00	20.84 1.51 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.70 2.20 0.00	36.30 2.25 0.00	33.88 3.30 0.00	31.01 3.32 0.00	31.56 3.18 -0.01	31.64 3.16 -0.01	31.81 3.10 0.00	32.23 3.06 0.00	32.71 2.84 0.00	34.80 2.76 0.00	40.09 3.28 0.00	43.80 3.80 0.00	47.31 3.59 0.00	40.72 2.41 0.00	36.74 2.08 0.00	32.81 2.15 0.00	30.76 2.28 0.00	28.05 1.86 0.00
PPL_PILGRIM_ST_GT1 24216	24.74 2.29 0.00	22.98 1.86 0.00	21.47 1.70 0.00	20.84 1.51 0.00	21.32 1.56 0.00	23.91 1.98 0.00	32.76 2.26 0.00	36.13 2.08 0.00	34.03 3.45 0.00	31.09 3.40 0.00	31.53 3.15 -0.01	31.64 3.16 -0.01	31.81 3.10 0.00	32.38 3.21 0.00	32.86 2.99 0.00	34.80 2.76 0.00	40.01 3.20 0.00	43.72 3.72 0.00	47.22 3.50 0.00	40.68 2.38 0.00	36.74 2.08 0.00	32.78 2.11 0.00	30.76 2.28 0.00	28.03 1.83 0.00
PPL_PILGRIM_ST_GT2 24217	24.74 2.29 0.00	22.98 1.86 0.00	21.47 1.70 0.00	20.84 1.51 0.00	21.32 1.56 0.00	23.91 1.98 0.00	32.76 2.26 0.00	36.13 2.08 0.00	34.03 3.45 0.00	31.09 3.40 0.00	31.53 3.15 -0.01	31.64 3.16 -0.01	31.81 3.10 0.00	32.38 3.21 0.00	32.86 2.99 0.00	34.80 2.76 0.00	40.01 3.20 0.00	43.72 3.72 0.00	47.22 3.50 0.00	40.68 2.38 0.00	36.74 2.08 0.00	32.78 2.11 0.00	30.76 2.28 0.00	28.03 1.83 0.00
PPL_SHRM_GT3 24213	24.88 2.43 0.00	23.06 1.94 0.00	21.55 1.78 0.00	20.89 1.56 0.00	21.38 1.62 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.23 2.18 0.00	34.19 3.61 0.00	31.17 3.49 0.00	31.61 3.23 -0.01	31.78 3.30 -0.01	31.90 3.19 0.00	32.50 3.32 0.00	32.92 3.05 0.00	34.89 2.85 0.00	40.16 3.35 0.00	44.00 4.00 0.00	47.49 3.76 0.00	40.79 2.49 0.00	36.85 2.19 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.11 1.91 0.00
PPL_SHRM_GT4 24214	24.88 2.43 0.00	23.06 1.94 0.00	21.55 1.78 0.00	20.89 1.56 0.00	21.38 1.62 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.23 2.18 0.00	34.19 3.61 0.00	31.17 3.49 0.00	31.61 3.23 -0.01	31.78 3.30 -0.01	31.90 3.19 0.00	32.50 3.32 0.00	32.92 3.05 0.00	34.89 2.85 0.00	40.16 3.35 0.00	44.00 4.00 0.00	47.49 3.76 0.00	40.79 2.49 0.00	36.85 2.19 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.11 1.91 0.00
PROJECT___ORANGE 1 24174	22.03 -0.43 0.00	20.72 -0.40 0.00	19.39 -0.38 0.00	18.94 -0.39 0.00	19.38 -0.38 0.00	21.54 -0.39 0.00	30.05 -0.46 0.00	33.44 -0.61 0.00	30.09 -0.49 0.00	27.27 -0.42 0.00	27.80 -0.57 0.00	27.93 -0.54 0.00	28.16 -0.55 0.00	28.65 -0.53 0.00	29.30 -0.57 0.00	31.43 -0.61 0.00	36.11 -0.70 0.00	39.24 -0.76 0.00	42.89 -0.83 0.00	37.61 -0.69 0.00	33.97 -0.69 0.00	30.09 -0.58 0.00	27.97 -0.51 0.00	25.75 -0.45 0.00
PROJECT___ORANGE 2 24166	22.03 -0.43 0.00	20.72 -0.40 0.00	19.39 -0.38 0.00	18.94 -0.39 0.00	19.38 -0.38 0.00	21.54 -0.39 0.00	30.05 -0.46 0.00	33.44 -0.61 0.00	30.09 -0.49 0.00	27.27 -0.42 0.00	27.80 -0.57 0.00	27.93 -0.54 0.00	28.16 -0.55 0.00	28.65 -0.53 0.00	29.30 -0.57 0.00	31.43 -0.61 0.00	36.11 -0.70 0.00	39.24 -0.76 0.00	42.89 -0.83 0.00	37.61 -0.69 0.00	33.97 -0.69 0.00	30.09 -0.58 0.00	27.97 -0.51 0.00	25.75 -0.45 0.00
PUCKETT___SOLAR 323809	22.52 0.07 0.00	21.14 0.02 0.00	19.77 0.00 0.00	19.35 0.02 0.00	19.82 0.06 0.00	22.05 0.11 0.00	30.84 0.34 0.00	34.43 0.38 0.00	31.01 0.43 0.00	28.02 0.33 0.00	28.43 0.06 0.00	28.53 0.06 0.00	28.80 0.09 0.00	29.23 0.06 0.00	29.99 0.12 0.00	32.20 0.16 0.00	37.11 0.29 0.00	40.44 0.44 0.00	44.34 0.61 0.00	38.91 0.61 0.00	35.05 0.38 0.00	31.10 0.43 0.00	28.91 0.43 0.00	26.69 0.50 0.00
PYRITES___HYD 24023	27.40 0.74 -4.20	32.39 0.78 -10.49	25.11 0.69 -4.65	24.86 0.72 -4.82	30.26 0.73 -9.77	39.86 1.01 -16.92	37.36 1.74 -5.11	53.59 2.45 -17.09	27.63 1.38 4.33	25.21 0.89 3.37	31.49 0.60 -2.53	31.46 0.48 -2.50	31.76 0.49 -2.56	32.24 0.50 -2.57	32.96 0.63 -2.46	35.32 1.03 -2.26	28.57 1.62 9.86	42.60 2.60 0.00	48.05 4.33 0.00	42.17 3.87 0.00	38.06 3.40 0.00	33.70 3.04 0.00	31.05 2.56 0.00	28.60 2.41 0.00
QUAKERRD_115KV_BK1 80622	20.79 -1.66 0.00	19.56 -1.56 0.00	18.28 -1.48 0.00	17.86 -1.47 0.00	18.32 -1.44 0.00	20.34 -1.60 0.00	28.49 -2.01 0.00	31.50 -2.55 0.00	28.59 -1.99 0.00	25.97 -1.72 0.00	26.44 -1.93 0.00	26.71 -1.77 0.00	26.96 -1.75 0.00	27.39 -1.78 0.00	27.96 -1.91 0.00	29.96 -2.08 0.00	34.31 -2.50 0.00	37.16 -2.84 0.00	40.71 -3.02 0.00	36.00 -2.30 0.00	32.31 -2.36 0.00	28.83 -1.84 0.00	26.89 -1.60 0.00	25.07 -1.13 0.00
QUEENSBRY_115KV_TB8 356137	24.20 1.75 0.00	22.81 1.69 0.00	21.25 1.48 0.00	20.76 1.43 0.00	21.22 1.46 0.00	23.58 1.65 0.00	32.34 1.83 0.00	36.23 2.18 0.00	32.72 2.14 0.00	29.54 1.85 0.00	29.96 1.59 0.00	29.98 1.51 0.00	30.09 1.38 0.00	30.40 1.23 0.00	31.21 1.34 0.00	33.51 1.47 0.00	38.62 1.80 0.00	42.28 2.28 0.00	46.26 2.54 0.00	40.33 2.03 0.00	36.40 1.73 0.00	32.11 1.44 0.00	29.79 1.31 0.00	27.27 1.07 0.00
RAMAPO___LBMP 323565	23.71 1.26 0.00	22.24 1.12 0.00	20.83 1.07 0.00	20.31 0.99 0.00	20.81 1.05 0.00	23.12 1.18 0.00	32.12 1.62 0.00	36.16 2.11 0.00	32.90 2.32 0.00	29.79 2.10 0.00	30.38 2.01 0.00	30.47 1.99 0.00	30.75 2.04 0.00	31.24 2.07 0.00	31.99 2.12 0.00	34.28 2.24 0.00	39.35 2.54 0.00	42.60 2.60 0.00	46.39 2.67 0.00	40.45 2.14 0.00	36.61 1.94 0.00	32.14 1.47 0.00	29.85 1.37 0.00	27.24 1.05 0.00
RANKINE____ 23646	20.61 -1.84 0.00	19.18 -1.94 0.00	17.97 -1.80 0.00	17.53 -1.80 0.00	18.08 -1.68 0.00	20.01 -1.93 0.00	28.28 -2.23 0.00	30.75 -3.30 0.00	28.32 -2.26 0.00	25.72 -1.97 0.00	26.18 -2.18 0.00	26.62 -1.85 0.00	26.87 -1.84 0.00	27.30 -1.87 0.00	27.60 -2.27 0.00	29.64 -2.40 0.00	33.94 -2.87 0.00	36.60 -3.40 0.00	40.05 -3.67 0.00	35.85 -2.45 0.00	32.03 -2.63 0.00	28.86 -1.81 0.00	27.17 -1.31 0.00	25.91 -0.29 0.00
RAVENSWOOD_GT2_1 24244	24.07 1.62 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.56 1.24 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00

RAVENSWOOD_GT2_2 24245	24.07 1.62 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.56 1.24 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT2_3 24246	24.07 1.62 0.00	22.55 1.44 0.00	21.11 1.34 0.00	20.56 1.24 0.00	21.04 1.28 0.00	23.41 1.47 0.00	32.49 1.98 0.00	36.68 2.62 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.16 3.16 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.13 2.46 0.00	32.54 1.87 0.00	30.28 1.79 0.00	27.64 1.44 0.00
RAVENSWOOD_GT2_4 24247	24.07 1.62 0.00	22.55 1.44 0.00	21.11 1.34 0.00	20.56 1.24 0.00	21.04 1.28 0.00	23.41 1.47 0.00	32.49 1.98 0.00	36.68 2.62 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.16 3.16 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.13 2.46 0.00	32.54 1.87 0.00	30.28 1.79 0.00	27.64 1.44 0.00
RAVENSWOOD_GT3_1 24248	24.07 1.62 0.00	22.53 1.41 0.00	21.11 1.34 0.00	20.56 1.24 0.00	21.04 1.28 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT3_2 24249	24.07 1.62 0.00	22.53 1.41 0.00	21.11 1.34 0.00	20.56 1.24 0.00	21.04 1.28 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT3_3 24250	24.09 1.64 0.00	22.58 1.46 0.00	21.13 1.36 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.43 1.49 0.00	32.52 2.01 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.32 2.63 0.00	30.95 2.58 0.00	31.01 2.53 0.00	31.35 2.64 0.00	31.86 2.68 0.00	32.62 2.75 0.00	34.89 2.85 0.00	40.05 3.24 0.00	43.20 3.20 0.00	46.96 3.24 0.00	40.94 2.64 0.00	37.16 2.50 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.66 1.47 0.00
RAVENSWOOD_GT3_4 24251	24.09 1.64 0.00	22.58 1.46 0.00	21.13 1.36 0.00	20.58 1.26 0.00	21.06 1.30 0.00	23.43 1.49 0.00	32.52 2.01 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.32 2.63 0.00	30.95 2.58 0.00	31.01 2.53 0.00	31.35 2.64 0.00	31.86 2.68 0.00	32.62 2.75 0.00	34.89 2.85 0.00	40.05 3.24 0.00	43.20 3.20 0.00	46.96 3.24 0.00	40.94 2.64 0.00	37.16 2.50 0.00	32.57 1.90 0.00	30.31 1.82 0.00	27.66 1.47 0.00
RAVENSWOOD_GT_1 23729	24.18 1.73 0.00	22.64 1.52 0.00	21.19 1.42 0.00	20.64 1.31 0.00	21.10 1.34 0.00	23.45 1.51 0.00	32.49 1.98 0.00	36.68 2.62 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.95 2.58 0.00	31.01 2.53 0.00	31.35 2.64 0.00	31.88 2.71 0.00	32.62 2.75 0.00	34.89 2.85 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.87 2.57 0.00	37.13 2.46 0.00	32.54 1.87 0.00	30.36 1.88 0.00	27.71 1.52 0.00
RAVENSWOOD_GT_10 24258	24.07 1.62 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.56 1.24 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT_11 24259	24.07 1.62 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.56 1.24 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT_4 24252	24.05 1.59 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.16 3.16 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.54 1.87 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT_5 24254	24.05 1.59 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.16 3.16 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.54 1.87 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT_6 24253	24.05 1.59 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.16 3.16 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.54 1.87 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT_7 24255	24.05 1.59 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.53 2.66 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.16 3.16 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.54 1.87 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.07 1.62 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.56 1.24 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00

RAVENSWOOD_GT_9 24257	24.07 1.62 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.56 1.24 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.64 2.59 0.00	33.39 2.81 0.00	30.26 2.57 0.00	30.89 2.52 0.00	30.95 2.48 0.00	31.29 2.58 0.00	31.80 2.63 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.60 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RAVENSWOOD___1 23533	24.16 1.71 0.00	22.64 1.52 0.00	21.17 1.40 0.00	20.62 1.30 0.00	21.10 1.34 0.00	23.43 1.49 0.00	32.49 1.98 0.00	36.61 2.56 0.00	33.42 2.84 0.00	30.34 2.66 0.00	30.92 2.55 0.00	31.01 2.53 0.00	31.35 2.64 0.00	31.91 2.74 0.00	32.62 2.75 0.00	34.86 2.82 0.00	39.98 3.17 0.00	43.08 3.08 0.00	46.83 3.10 0.00	40.83 2.53 0.00	37.09 2.43 0.00	32.54 1.87 0.00	30.33 1.85 0.00	27.71 1.52 0.00
RAVENSWOOD___2 23534	24.16 1.71 0.00	22.64 1.52 0.00	21.17 1.40 0.00	20.62 1.30 0.00	21.08 1.32 0.00	23.43 1.49 0.00	32.46 1.95 0.00	36.57 2.52 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.92 2.55 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.89 2.71 0.00	32.62 2.75 0.00	34.86 2.82 0.00	39.94 3.13 0.00	43.04 3.04 0.00	46.78 3.06 0.00	40.79 2.49 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.69 1.49 0.00
RAVENSWOOD___3 23535	24.07 1.62 0.00	22.55 1.44 0.00	21.09 1.32 0.00	20.57 1.24 0.00	21.04 1.28 0.00	23.38 1.45 0.00	32.49 1.98 0.00	36.61 2.56 0.00	33.42 2.84 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.85 2.68 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.12 3.12 0.00	46.92 3.19 0.00	40.91 2.61 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.28 1.80 0.00	27.61 1.41 0.00
RAVENSWOOD___4 23820	24.14 1.68 0.00	22.64 1.52 0.00	21.17 1.40 0.00	20.60 1.28 0.00	21.08 1.32 0.00	23.43 1.49 0.00	32.46 1.95 0.00	36.57 2.52 0.00	33.39 2.81 0.00	30.32 2.63 0.00	30.89 2.52 0.00	31.01 2.53 0.00	31.32 2.61 0.00	31.89 2.71 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.94 3.13 0.00	43.04 3.04 0.00	46.78 3.06 0.00	40.79 2.49 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.69 1.49 0.00
RCPI_TRUST___DRP 24196	24.02 1.57 0.00	22.51 1.39 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.52 2.01 0.00	36.71 2.66 0.00	33.42 2.84 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.20 3.20 0.00	47.00 3.28 0.00	40.94 2.64 0.00	37.09 2.43 0.00	32.54 1.87 0.00	30.25 1.77 0.00	27.61 1.41 0.00
RED___ROCHESTER 323720	21.15 -1.30 0.00	19.87 -1.25 0.00	18.58 -1.19 0.00	18.15 -1.18 0.00	18.63 -1.13 0.00	20.69 -1.25 0.00	29.01 -1.49 0.00	32.11 -1.94 0.00	29.08 -1.50 0.00	26.44 -1.25 0.00	26.95 -1.42 0.00	27.22 -1.25 0.00	27.53 -1.18 0.00	27.83 -1.34 0.00	28.62 -1.25 0.00	30.60 -1.44 0.00	34.97 -1.84 0.00	37.92 -2.08 0.00	41.63 -2.10 0.00	36.85 -1.46 0.00	33.00 -1.66 0.00	29.50 -1.17 0.00	27.51 -0.97 0.00	25.77 -0.42 0.00
REGAN___SOLAR 323812	24.05 1.59 0.00	22.68 1.56 0.00	21.11 1.34 0.00	20.64 1.31 0.00	21.10 1.34 0.00	23.49 1.56 0.00	32.86 2.35 0.00	36.78 2.73 0.00	33.03 2.45 0.00	29.68 1.99 0.00	29.90 1.53 0.00	29.92 1.45 0.00	30.12 1.41 0.00	30.54 1.37 0.00	31.42 1.55 0.00	34.09 2.05 0.00	39.32 2.50 0.00	43.08 3.08 0.00	47.18 3.45 0.00	41.21 2.91 0.00	37.23 2.57 0.00	32.85 2.18 0.00	30.39 1.91 0.00	27.85 1.65 0.00
RENSSELAER___COGEN 23796	23.22 0.76 0.00	21.88 0.76 0.00	20.48 0.71 0.00	20.04 0.72 0.00	20.45 0.69 0.00	22.66 0.72 0.00	31.51 1.01 0.00	35.24 1.19 0.00	31.89 1.31 0.00	28.85 1.16 0.00	29.42 1.05 0.00	29.50 1.02 0.00	29.71 1.00 0.00	30.19 1.02 0.00	30.94 1.07 0.00	33.19 1.15 0.00	38.14 1.32 0.00	41.44 1.44 0.00	45.17 1.44 0.00	39.45 1.15 0.00	35.74 1.08 0.00	31.50 0.83 0.00	29.19 0.71 0.00	26.75 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.17 2.72 0.00	23.76 2.64 0.00	22.06 2.29 0.00	21.53 2.20 0.00	22.03 2.27 0.00	24.50 2.57 0.00	33.89 3.39 0.00	37.97 3.92 0.00	34.25 3.67 0.00	30.81 3.13 0.00	31.12 2.75 0.00	31.09 2.62 0.00	31.18 2.47 0.00	31.42 2.25 0.00	32.26 2.39 0.00	34.67 2.63 0.00	40.02 3.20 0.00	44.16 4.16 0.00	48.49 4.77 0.00	42.21 3.91 0.00	38.03 3.36 0.00	33.52 2.85 0.00	31.02 2.53 0.00	28.40 2.20 0.00
REVERE_CPFR_DRP 24186	23.94 0.63 -0.86	22.89 0.61 -1.16	21.14 0.55 -0.82	20.69 0.54 -0.82	21.42 0.57 -1.09	24.08 0.70 -1.45	32.60 1.07 -1.03	37.09 1.33 -1.71	32.27 1.13 -0.56	29.23 1.00 -0.55	30.10 0.88 -0.85	30.21 0.88 -0.85	30.46 0.89 -0.86	30.92 0.88 -0.87	31.68 0.93 -0.88	34.04 1.09 -0.91	38.10 1.29 0.00	41.52 1.52 0.00	45.82 2.10 0.00	40.06 1.76 0.00	36.15 1.49 0.00	32.02 1.35 0.00	29.65 1.17 0.00	27.27 1.07 0.00
REYNOLDS_115KV_TB3 80639	23.42 0.97 0.00	22.03 0.91 0.00	20.64 0.87 0.00	20.18 0.85 0.00	20.61 0.85 0.00	22.84 0.90 0.00	31.76 1.25 0.00	35.55 1.50 0.00	32.17 1.59 0.00	29.10 1.41 0.00	29.70 1.33 0.00	29.78 1.31 0.00	30.00 1.29 0.00	30.43 1.25 0.00	31.21 1.34 0.00	33.48 1.44 0.00	38.47 1.66 0.00	41.80 1.80 0.00	45.52 1.79 0.00	39.76 1.46 0.00	36.02 1.35 0.00	31.77 1.10 0.00	29.45 0.97 0.00	26.98 0.79 0.00
RIVERBAY____ 323610	24.43 1.98 0.00	22.89 1.77 0.00	21.43 1.66 0.00	20.84 1.51 0.00	21.32 1.56 0.00	23.63 1.69 0.00	32.58 2.07 0.00	36.68 2.62 0.00	33.42 2.84 0.00	30.32 2.63 0.00	30.95 2.58 0.00	30.98 2.51 0.00	31.35 2.64 0.00	31.88 2.71 0.00	32.62 2.75 0.00	34.89 2.85 0.00	39.94 3.13 0.00	43.04 3.04 0.00	46.79 3.06 0.00	40.79 2.49 0.00	37.09 2.43 0.00	32.60 1.93 0.00	30.65 2.16 0.00	27.98 1.78 0.00
RIVERSIDE_115KV_TB3 55908	23.33 0.88 0.00	21.96 0.84 0.00	20.58 0.81 0.00	20.12 0.79 0.00	20.55 0.79 0.00	22.77 0.83 0.00	31.67 1.16 0.00	35.45 1.40 0.00	32.08 1.50 0.00	29.01 1.33 0.00	29.59 1.22 0.00	29.67 1.20 0.00	29.89 1.18 0.00	30.34 1.17 0.00	31.10 1.22 0.00	33.35 1.31 0.00	38.32 1.51 0.00	41.64 1.64 0.00	45.39 1.66 0.00	39.64 1.34 0.00	35.91 1.25 0.00	31.65 0.98 0.00	29.34 0.85 0.00	26.88 0.68 0.00
ROARING___BROOK_WT_PWR 323790	0.00 -0.85 21.60	8.53 -0.85 11.75	0.45 -0.79 18.53	0.64 -0.77 17.91	7.45 -0.81 11.50	20.12 -0.90 0.92	3.57 -1.31 25.62	21.09 -1.43 11.54	-10.00 -1.16 39.42	-8.84 -1.11 35.42	0.00 -1.11 27.26	0.00 -1.08 27.39	0.00 -1.12 27.59	0.00 -1.17 28.00	0.00 -1.10 28.77	0.00 -1.18 30.86	0.00 -1.40 35.41	38.60 -1.40 0.00	42.41 -1.31 0.00	37.31 -1.00 0.00	33.97 -0.69 0.00	30.21 -0.46 0.00	28.14 -0.34 0.00	25.96 -0.24 0.00

ROCHESRG_115KV_T4 355643	20.99 -1.46 0.00	19.72 -1.39 0.00	18.44 -1.32 0.00	18.01 -1.31 0.00	18.49 -1.26 0.00	20.51 -1.43 0.00	28.77 -1.74 0.00	31.67 -2.38 0.00	28.87 -1.71 0.00	26.22 -1.47 0.00	26.70 -1.67 0.00	27.02 -1.45 0.00	27.27 -1.44 0.00	27.68 -1.49 0.00	28.20 -1.67 0.00	30.25 -1.79 0.00	34.60 -2.21 0.00	37.48 -2.52 0.00	41.06 -2.67 0.00	36.39 -1.92 0.00	32.62 -2.05 0.00	29.17 -1.50 0.00	27.26 -1.22 0.00	25.54 -0.65 0.00
ROCHESTER_9_IC 23652	21.08 -1.37 0.00	19.81 -1.31 0.00	18.52 -1.25 0.00	18.09 -1.24 0.00	18.57 -1.19 0.00	20.60 -1.34 0.00	28.92 -1.59 0.00	31.84 -2.21 0.00	29.02 -1.56 0.00	26.36 -1.33 0.00	26.84 -1.53 0.00	27.16 -1.31 0.00	27.42 -1.29 0.00	27.86 -1.31 0.00	28.38 -1.49 0.00	30.44 -1.60 0.00	34.79 -2.02 0.00	37.68 -2.32 0.00	41.32 -2.40 0.00	36.62 -1.69 0.00	32.83 -1.84 0.00	29.35 -1.32 0.00	27.40 -1.08 0.00	25.67 -0.52 0.00
ROCKVIEW_13_KV_LD 356306	23.98 1.53 0.00	22.47 1.35 0.00	21.03 1.27 0.00	20.51 1.18 0.00	20.98 1.23 0.00	23.34 1.40 0.00	32.46 1.95 0.00	36.57 2.52 0.00	33.30 2.72 0.00	30.18 2.49 0.00	30.81 2.44 0.00	30.89 2.42 0.00	31.18 2.47 0.00	31.71 2.54 0.00	32.44 2.57 0.00	34.73 2.69 0.00	39.87 3.06 0.00	43.08 3.08 0.00	46.87 3.15 0.00	40.87 2.57 0.00	37.06 2.39 0.00	32.51 1.84 0.00	30.19 1.71 0.00	27.56 1.36 0.00
ROME____115KV_TB2 80656	23.94 0.63 -0.86	22.89 0.61 -1.16	21.14 0.55 -0.82	20.69 0.54 -0.82	21.42 0.57 -1.09	24.08 0.70 -1.45	32.60 1.07 -1.03	37.09 1.33 -1.71	32.27 1.13 -0.56	29.23 1.00 -0.55	30.10 0.88 -0.85	30.21 0.88 -0.85	30.46 0.89 -0.86	30.92 0.88 -0.87	31.68 0.93 -0.88	34.04 1.09 -0.91	38.10 1.29 0.00	41.52 1.52 0.00	45.82 2.10 0.00	40.06 1.76 0.00	36.15 1.49 0.00	32.02 1.35 0.00	29.65 1.17 0.00	27.27 1.07 0.00
ROSETON___1 23587	23.66 1.21 0.00	22.22 1.10 0.00	20.79 1.03 0.00	20.27 0.95 0.00	20.75 0.99 0.00	23.06 1.12 0.00	32.03 1.52 0.00	35.99 1.94 0.00	32.75 2.17 0.00	29.68 1.99 0.00	30.27 1.90 0.00	30.38 1.91 0.00	30.63 1.92 0.00	31.16 1.98 0.00	31.87 2.00 0.00	34.12 2.08 0.00	39.17 2.36 0.00	42.40 2.40 0.00	46.17 2.45 0.00	40.25 1.95 0.00	36.47 1.80 0.00	32.05 1.38 0.00	29.77 1.28 0.00	27.19 1.00 0.00
ROSETON___2 23588	23.66 1.21 0.00	22.22 1.10 0.00	20.79 1.03 0.00	20.27 0.95 0.00	20.75 0.99 0.00	23.06 1.12 0.00	32.03 1.52 0.00	35.99 1.94 0.00	32.75 2.17 0.00	29.68 1.99 0.00	30.27 1.90 0.00	30.38 1.91 0.00	30.63 1.92 0.00	31.16 1.98 0.00	31.87 2.00 0.00	34.12 2.08 0.00	39.17 2.36 0.00	42.40 2.40 0.00	46.17 2.45 0.00	40.25 1.95 0.00	36.47 1.80 0.00	32.05 1.38 0.00	29.77 1.28 0.00	27.19 1.00 0.00
ROTRDAM_115KV_TB3 80664	23.33 0.88 0.00	21.94 0.82 0.00	20.52 0.75 0.00	20.04 0.72 0.00	20.49 0.73 0.00	22.75 0.81 0.00	31.60 1.10 0.00	35.38 1.33 0.00	31.93 1.35 0.00	28.85 1.16 0.00	29.39 1.02 0.00	29.47 1.00 0.00	29.69 0.98 0.00	30.13 0.96 0.00	30.89 1.02 0.00	33.19 1.15 0.00	38.18 1.36 0.00	41.52 1.52 0.00	45.34 1.62 0.00	39.60 1.30 0.00	35.84 1.18 0.00	31.65 0.98 0.00	29.34 0.85 0.00	26.93 0.73 0.00
RUSSELL___1 23602	21.15 -1.30 0.00	19.87 -1.25 0.00	18.58 -1.19 0.00	18.15 -1.18 0.00	18.63 -1.13 0.00	20.66 -1.27 0.00	29.01 -1.49 0.00	31.98 -2.08 0.00	29.14 -1.44 0.00	26.49 -1.19 0.00	26.95 -1.42 0.00	27.28 -1.20 0.00	27.56 -1.15 0.00	27.98 -1.20 0.00	28.53 -1.34 0.00	30.60 -1.44 0.00	34.97 -1.84 0.00	37.84 -2.16 0.00	41.54 -2.19 0.00	36.81 -1.49 0.00	33.00 -1.66 0.00	29.50 -1.17 0.00	27.51 -0.97 0.00	25.78 -0.42 0.00
RUSSELL___2 23532	21.15 -1.30 0.00	19.87 -1.25 0.00	18.58 -1.19 0.00	18.15 -1.18 0.00	18.63 -1.13 0.00	20.66 -1.27 0.00	29.01 -1.49 0.00	31.98 -2.08 0.00	29.14 -1.44 0.00	26.49 -1.19 0.00	26.95 -1.42 0.00	27.28 -1.20 0.00	27.56 -1.15 0.00	27.98 -1.20 0.00	28.53 -1.34 0.00	30.60 -1.44 0.00	34.97 -1.84 0.00	37.84 -2.16 0.00	41.54 -2.19 0.00	36.81 -1.49 0.00	33.00 -1.66 0.00	29.50 -1.17 0.00	27.51 -0.97 0.00	25.78 -0.42 0.00
RUSSELL___3 23549	21.15 -1.30 0.00	19.87 -1.25 0.00	18.58 -1.19 0.00	18.15 -1.18 0.00	18.63 -1.13 0.00	20.66 -1.27 0.00	29.01 -1.49 0.00	31.98 -2.08 0.00	29.14 -1.44 0.00	26.49 -1.19 0.00	26.95 -1.42 0.00	27.28 -1.20 0.00	27.56 -1.15 0.00	27.98 -1.20 0.00	28.53 -1.34 0.00	30.60 -1.44 0.00	34.97 -1.84 0.00	37.84 -2.16 0.00	41.54 -2.19 0.00	36.81 -1.49 0.00	33.00 -1.66 0.00	29.50 -1.17 0.00	27.51 -0.97 0.00	25.78 -0.42 0.00
RUSSELL___4 23556	21.15 -1.30 0.00	19.87 -1.25 0.00	18.58 -1.19 0.00	18.15 -1.18 0.00	18.63 -1.13 0.00	20.66 -1.27 0.00	29.01 -1.49 0.00	31.98 -2.08 0.00	29.14 -1.44 0.00	26.49 -1.19 0.00	26.95 -1.42 0.00	27.28 -1.20 0.00	27.56 -1.15 0.00	27.98 -1.20 0.00	28.53 -1.34 0.00	30.60 -1.44 0.00	34.97 -1.84 0.00	37.84 -2.16 0.00	41.54 -2.19 0.00	36.81 -1.49 0.00	33.00 -1.66 0.00	29.50 -1.17 0.00	27.51 -0.97 0.00	25.78 -0.42 0.00
RUSSELL__STATION 23914	21.15 -1.30 0.00	19.87 -1.25 0.00	18.58 -1.19 0.00	18.15 -1.18 0.00	18.63 -1.13 0.00	20.66 -1.27 0.00	29.01 -1.49 0.00	31.98 -2.08 0.00	29.14 -1.44 0.00	26.49 -1.19 0.00	26.95 -1.42 0.00	27.28 -1.20 0.00	27.56 -1.15 0.00	27.98 -1.20 0.00	28.53 -1.34 0.00	30.60 -1.44 0.00	34.97 -1.84 0.00	37.84 -2.16 0.00	41.54 -2.19 0.00	36.81 -1.49 0.00	33.00 -1.66 0.00	29.50 -1.17 0.00	27.51 -0.97 0.00	25.78 -0.42 0.00
S SALMON__HYD 24043	22.80 -0.27 -0.62	22.07 -0.25 -1.21	20.17 -0.24 -0.64	19.75 -0.23 -0.66	20.67 -0.22 -1.13	23.50 -0.24 -1.80	31.01 -0.25 -0.75	35.69 -0.27 -1.91	30.10 -0.34 0.15	27.31 -0.30 0.08	28.40 -0.46 -0.49	28.50 -0.46 -0.48	28.74 -0.46 -0.49	29.17 -0.50 -0.50	29.88 -0.48 -0.49	32.11 -0.42 -0.48	35.57 -0.48 0.77	39.60 -0.40 0.00	43.59 -0.13 0.00	38.23 -0.08 0.00	34.46 -0.21 0.00	30.55 -0.12 0.00	28.40 -0.09 0.00	26.12 -0.08 0.00
S.PERRY__115KV_TB1 80734	21.44 -1.01 0.00	20.13 -0.99 0.00	18.80 -0.97 0.00	18.36 -0.97 0.00	18.87 -0.89 0.00	20.95 -0.99 0.00	29.59 -0.92 0.00	32.69 -1.36 0.00	29.60 -0.98 0.00	26.72 -0.97 0.00	26.98 -1.39 0.00	27.25 -1.22 0.00	27.56 -1.15 0.00	28.01 -1.17 0.00	28.56 -1.31 0.00	30.79 -1.25 0.00	35.49 -1.33 0.00	38.68 -1.32 0.00	42.68 -1.05 0.00	37.96 -0.34 0.00	34.01 -0.66 0.00	30.45 -0.21 0.00	28.45 -0.03 0.00	26.61 0.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.36 -2.09 0.00	18.96 -2.15 0.00	17.77 -2.00 0.00	17.36 -1.97 0.00	17.88 -1.88 0.00	19.79 -2.15 0.00	27.91 -2.59 0.00	30.31 -3.75 0.00	27.98 -2.60 0.00	25.41 -2.27 0.00	25.87 -2.50 0.00	26.34 -2.14 0.00	26.58 -2.12 0.00	26.98 -2.19 0.00	27.27 -2.60 0.00	29.29 -2.76 0.00	33.46 -3.35 0.00	36.08 -3.92 0.00	39.48 -4.24 0.00	35.31 -2.99 0.00	31.54 -3.12 0.00	28.46 -2.21 0.00	26.80 -1.68 0.00	25.59 -0.60 0.00

SAWYER___23_KV_LOAD 55526	20.36 -2.09 0.00	18.96 -2.15 0.00	17.77 -2.00 0.00	17.36 -1.97 0.00	17.88 -1.88 0.00	19.79 -2.15 0.00	27.91 -2.59 0.00	30.31 -3.75 0.00	27.98 -2.60 0.00	25.41 -2.27 0.00	25.87 -2.50 0.00	26.34 -2.14 0.00	26.58 -2.12 0.00	26.98 -2.19 0.00	27.27 -2.60 0.00	29.29 -2.76 0.00	33.46 -3.35 0.00	36.08 -3.92 0.00	39.48 -4.24 0.00	35.31 -2.99 0.00	31.54 -3.12 0.00	28.46 -2.21 0.00	26.80 -1.68 0.00	25.59 -0.60 0.00
SELKIRK___I 23801	23.28 0.83 0.00	21.94 0.82 0.00	20.52 0.75 0.00	20.08 0.75 0.00	20.49 0.73 0.00	22.70 0.77 0.00	31.60 1.10 0.00	35.31 1.26 0.00	31.89 1.31 0.00	28.79 1.11 0.00	29.33 0.97 0.00	29.38 0.91 0.00	29.57 0.86 0.00	30.05 0.87 0.00	30.80 0.93 0.00	33.07 1.03 0.00	38.07 1.25 0.00	41.44 1.44 0.00	45.21 1.49 0.00	39.53 1.23 0.00	35.77 1.11 0.00	31.59 0.92 0.00	29.28 0.80 0.00	26.87 0.68 0.00
SELKIRK___II 23799	23.17 0.72 0.00	21.81 0.70 0.00	20.42 0.65 0.00	19.99 0.66 0.00	20.41 0.65 0.00	22.62 0.68 0.00	31.45 0.95 0.00	35.18 1.12 0.00	31.83 1.25 0.00	28.79 1.11 0.00	29.36 0.99 0.00	29.44 0.97 0.00	29.66 0.95 0.00	30.13 0.96 0.00	30.89 1.02 0.00	33.13 1.09 0.00	38.07 1.25 0.00	41.32 1.32 0.00	45.08 1.36 0.00	39.37 1.07 0.00	35.67 1.01 0.00	31.46 0.80 0.00	29.16 0.68 0.00	26.75 0.55 0.00
SENECA OSWGO___HYD 24041	21.96 -0.49 0.00	20.65 -0.46 0.00	19.31 -0.45 0.00	18.88 -0.44 0.00	19.32 -0.43 0.00	21.45 -0.48 0.00	29.93 -0.58 0.00	33.30 -0.75 0.00	29.91 -0.67 0.00	27.10 -0.58 0.00	27.63 -0.74 0.00	27.73 -0.74 0.00	27.96 -0.75 0.00	28.41 -0.76 0.00	29.09 -0.78 0.00	31.21 -0.83 0.00	35.86 -0.96 0.00	39.00 -1.00 0.00	42.68 -1.05 0.00	37.42 -0.88 0.00	33.80 -0.87 0.00	29.93 -0.74 0.00	27.80 -0.68 0.00	25.59 -0.60 0.00
SENECA___115KV_TB3 355854	20.63 -1.82 0.00	19.20 -1.92 0.00	17.99 -1.78 0.00	17.57 -1.76 0.00	18.10 -1.66 0.00	20.05 -1.89 0.00	28.34 -2.17 0.00	30.82 -3.24 0.00	28.38 -2.20 0.00	25.75 -1.94 0.00	26.24 -2.13 0.00	26.68 -1.79 0.00	26.93 -1.78 0.00	27.36 -1.81 0.00	27.66 -2.21 0.00	29.70 -2.34 0.00	34.02 -2.80 0.00	36.68 -3.32 0.00	40.14 -3.59 0.00	35.93 -2.37 0.00	32.06 -2.60 0.00	28.92 -1.75 0.00	27.23 -1.25 0.00	25.96 -0.24 0.00
SENECA___ENERGY 23797	21.73 -0.72 0.00	20.42 -0.70 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.13 -0.63 0.00	21.28 -0.66 0.00	29.83 -0.67 0.00	33.17 -0.89 0.00	29.82 -0.76 0.00	26.99 -0.69 0.00	27.43 -0.94 0.00	27.59 -0.88 0.00	27.88 -0.83 0.00	28.27 -0.90 0.00	29.00 -0.87 0.00	31.08 -0.96 0.00	35.74 -1.07 0.00	38.84 -1.16 0.00	42.50 -1.22 0.00	37.38 -0.92 0.00	33.73 -0.93 0.00	29.96 -0.70 0.00	27.91 -0.57 0.00	25.80 -0.39 0.00
SHOEMAKER___GT 23640	23.80 1.35 0.00	22.34 1.22 0.00	20.91 1.15 0.00	20.39 1.06 0.00	20.88 1.13 0.00	23.21 1.27 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.03 2.45 0.00	29.90 2.22 0.00	30.44 2.07 0.00	30.46 1.99 0.00	30.78 2.07 0.00	31.27 2.10 0.00	32.02 2.15 0.00	34.35 2.31 0.00	39.47 2.65 0.00	42.84 2.84 0.00	46.65 2.93 0.00	40.68 2.38 0.00	36.78 2.11 0.00	32.29 1.62 0.00	29.99 1.51 0.00	27.37 1.18 0.00
SHOEMAKR_138KV_BK 111 55601	23.80 1.35 0.00	22.32 1.20 0.00	20.91 1.15 0.00	20.37 1.04 0.00	20.88 1.13 0.00	23.19 1.25 0.00	32.24 1.74 0.00	36.30 2.25 0.00	33.03 2.45 0.00	29.87 2.19 0.00	30.44 2.07 0.00	30.44 1.96 0.00	30.78 2.07 0.00	31.24 2.07 0.00	32.02 2.15 0.00	34.32 2.27 0.00	39.46 2.65 0.00	42.84 2.84 0.00	46.61 2.89 0.00	40.64 2.34 0.00	36.78 2.11 0.00	32.29 1.63 0.00	29.96 1.48 0.00	27.37 1.18 0.00
SHOREHAM_IC_1 23715	24.88 2.43 0.00	23.06 1.94 0.00	21.55 1.78 0.00	20.89 1.56 0.00	21.38 1.62 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.23 2.18 0.00	34.19 3.61 0.00	31.17 3.49 0.00	31.61 3.23 -0.01	31.78 3.30 -0.01	31.90 3.19 0.00	32.50 3.32 0.00	32.92 3.05 0.00	34.89 2.85 0.00	40.16 3.35 0.00	44.00 4.00 0.00	47.49 3.76 0.00	40.79 2.49 0.00	36.85 2.19 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.11 1.91 0.00
SHOREHAM_IC_2 23716	24.88 2.43 0.00	23.06 1.94 0.00	21.55 1.78 0.00	20.89 1.56 0.00	21.38 1.62 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.23 2.18 0.00	34.19 3.61 0.00	31.17 3.49 0.00	31.61 3.23 -0.01	31.78 3.30 -0.01	31.90 3.19 0.00	32.50 3.32 0.00	32.92 3.05 0.00	34.89 2.85 0.00	40.16 3.35 0.00	44.00 4.00 0.00	47.49 3.76 0.00	40.79 2.49 0.00	36.85 2.19 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.11 1.91 0.00
SISSONVILLE____ 23735	26.90 0.25 -4.20	31.93 0.32 -10.49	24.66 0.24 -4.65	24.42 0.27 -4.82	29.80 0.28 -9.77	39.34 0.48 -16.92	36.54 0.92 -5.11	52.60 1.46 -17.09	26.89 0.64 4.33	24.68 0.36 3.37	31.04 0.14 -2.53	31.03 0.06 -2.50	31.36 0.09 -2.56	31.83 0.09 -2.57	32.48 0.15 -2.46	34.78 0.48 -2.26	27.87 0.92 9.86	41.64 1.64 0.00	46.70 2.97 0.00	40.98 2.68 0.00	37.06 2.39 0.00	32.82 2.15 0.00	30.31 1.82 0.00	27.92 1.73 0.00
SITHE_IND_GS1 24169	21.69 -0.76 0.00	20.40 -0.72 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.11 -0.65 0.00	21.21 -0.72 0.00	29.53 -0.98 0.00	32.79 -1.26 0.00	29.45 -1.13 0.00	26.66 -1.02 0.00	27.20 -1.16 0.00	27.33 -1.14 0.00	27.56 -1.15 0.00	28.00 -1.17 0.00	28.68 -1.20 0.00	30.76 -1.28 0.00	35.34 -1.47 0.00	38.40 -1.60 0.00	41.97 -1.75 0.00	36.85 -1.46 0.00	33.28 -1.39 0.00	29.47 -1.20 0.00	27.37 -1.11 0.00	25.23 -0.97 0.00
SITHE_IND_GS2 24170	21.69 -0.76 0.00	20.40 -0.72 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.11 -0.65 0.00	21.21 -0.72 0.00	29.53 -0.98 0.00	32.79 -1.26 0.00	29.45 -1.13 0.00	26.66 -1.02 0.00	27.20 -1.16 0.00	27.33 -1.14 0.00	27.56 -1.15 0.00	28.00 -1.17 0.00	28.68 -1.20 0.00	30.76 -1.28 0.00	35.34 -1.47 0.00	38.40 -1.60 0.00	41.97 -1.75 0.00	36.85 -1.46 0.00	33.28 -1.39 0.00	29.47 -1.20 0.00	27.37 -1.11 0.00	25.23 -0.97 0.00
SITHE_IND_GS3 24171	21.69 -0.76 0.00	20.40 -0.72 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.11 -0.65 0.00	21.21 -0.72 0.00	29.53 -0.98 0.00	32.79 -1.26 0.00	29.45 -1.13 0.00	26.66 -1.02 0.00	27.20 -1.16 0.00	27.33 -1.14 0.00	27.56 -1.15 0.00	28.00 -1.17 0.00	28.68 -1.20 0.00	30.76 -1.28 0.00	35.34 -1.47 0.00	38.40 -1.60 0.00	41.97 -1.75 0.00	36.85 -1.46 0.00	33.28 -1.39 0.00	29.47 -1.20 0.00	27.37 -1.11 0.00	25.23 -0.97 0.00
SITHE_IND_GS4 24172	21.69 -0.76 0.00	20.40 -0.72 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.11 -0.65 0.00	21.21 -0.72 0.00	29.53 -0.98 0.00	32.79 -1.26 0.00	29.45 -1.13 0.00	26.66 -1.02 0.00	27.20 -1.16 0.00	27.33 -1.14 0.00	27.56 -1.15 0.00	28.00 -1.17 0.00	28.68 -1.20 0.00	30.76 -1.28 0.00	35.34 -1.47 0.00	38.40 -1.60 0.00	41.97 -1.75 0.00	36.85 -1.46 0.00	33.28 -1.39 0.00	29.47 -1.20 0.00	27.37 -1.11 0.00	25.23 -0.97 0.00

SITHE___BATAVIA 24024	20.77 -1.68 0.00	19.45 -1.67 0.00	18.20 -1.56 0.00	17.76 -1.56 0.00	18.28 -1.48 0.00	20.29 -1.65 0.00	28.61 -1.89 0.00	31.50 -2.55 0.00	28.65 -1.93 0.00	26.00 -1.69 0.00	26.50 -1.87 0.00	26.82 -1.65 0.00	27.16 -1.55 0.00	27.39 -1.78 0.00	28.17 -1.70 0.00	30.05 -1.99 0.00	34.35 -2.47 0.00	37.16 -2.84 0.00	40.88 -2.84 0.00	36.43 -1.88 0.00	32.48 -2.18 0.00	29.23 -1.44 0.00	27.40 -1.08 0.00	25.98 -0.21 0.00
SITHE___INDEPEND 23800	21.69 -0.76 0.00	20.42 -0.70 0.00	19.09 -0.67 0.00	18.67 -0.66 0.00	19.11 -0.65 0.00	21.21 -0.72 0.00	29.53 -0.98 0.00	32.76 -1.29 0.00	29.48 -1.10 0.00	26.69 -1.00 0.00	27.21 -1.16 0.00	27.33 -1.14 0.00	27.56 -1.15 0.00	28.03 -1.14 0.00	28.68 -1.19 0.00	30.76 -1.28 0.00	35.34 -1.47 0.00	38.40 -1.60 0.00	41.98 -1.75 0.00	36.85 -1.46 0.00	33.28 -1.39 0.00	29.47 -1.20 0.00	27.37 -1.11 0.00	25.23 -0.97 0.00
SITHE___MASSENA 23902	6.77 -0.16 15.52	12.08 -0.13 8.91	6.27 -0.12 13.38	6.26 -0.12 12.95	10.95 -0.12 8.69	20.19 -0.13 1.61	11.90 -0.18 18.42	24.75 -0.17 9.14	2.38 -0.46 27.74	2.34 -0.39 24.95	8.64 -0.23 19.50	8.66 -0.23 19.59	8.75 -0.23 19.73	8.94 -0.20 20.03	9.07 -0.24 20.56	9.79 -0.22 22.03	12.01 -0.22 24.58	39.84 -0.16 0.00	43.68 -0.04 0.00	38.34 0.04 0.00	34.77 0.10 0.00	30.82 0.15 0.00	28.63 0.14 0.00	26.40 0.21 0.00
SITHE___OGDNSBRG 24021	27.60 0.94 -4.20	32.58 0.97 -10.49	25.27 0.85 -4.65	25.04 0.89 -4.82	30.43 0.91 -9.77	40.08 1.23 -16.92	37.66 2.04 -5.11	53.96 2.83 -17.09	27.84 1.59 4.33	25.32 1.00 3.37	31.55 0.65 -2.53	31.52 0.54 -2.50	31.82 0.55 -2.56	32.30 0.55 -2.57	33.05 0.72 -2.46	35.48 1.19 -2.26	28.79 1.84 9.86	42.96 2.96 0.00	48.62 4.90 0.00	42.63 4.33 0.00	38.48 3.81 0.00	34.07 3.40 0.00	31.36 2.88 0.00	28.89 2.70 0.00
SITHE___STERLING 23777	23.47 0.45 -0.57	22.33 0.44 -0.77	20.71 0.40 -0.55	20.26 0.39 -0.55	20.90 0.42 -0.73	23.41 0.50 -0.96	31.98 0.79 -0.69	36.18 0.99 -1.14	31.81 0.86 -0.37	28.80 0.75 -0.36	29.56 0.62 -0.57	29.67 0.63 -0.57	29.92 0.63 -0.58	30.37 0.61 -0.58	31.15 0.69 -0.59	33.42 0.77 -0.61	37.73 0.92 0.00	41.04 1.04 0.00	45.12 1.40 0.00	39.53 1.23 0.00	35.67 1.01 0.00	31.56 0.89 0.00	29.28 0.80 0.00	26.93 0.73 0.00
SLEIGHT__34_KV_TB1 80719	21.28 -1.17 0.00	20.02 -1.10 0.00	18.72 -1.05 0.00	18.28 -1.04 0.00	18.75 -1.01 0.00	20.82 -1.12 0.00	29.22 -1.28 0.00	32.38 -1.67 0.00	29.33 -1.25 0.00	26.63 -1.05 0.00	27.09 -1.28 0.00	27.36 -1.11 0.00	27.59 -1.12 0.00	28.03 -1.14 0.00	28.65 -1.22 0.00	30.70 -1.35 0.00	35.16 -1.66 0.00	38.16 -1.84 0.00	41.80 -1.92 0.00	36.88 -1.42 0.00	33.14 -1.53 0.00	29.53 -1.13 0.00	27.51 -0.97 0.00	25.54 -0.65 0.00
SOUTH CAIRO___GT 23612	23.64 1.19 0.00	22.30 1.18 0.00	20.89 1.13 0.00	20.41 1.08 0.00	20.88 1.13 0.00	23.10 1.16 0.00	32.18 1.68 0.00	36.06 2.01 0.00	32.54 1.96 0.00	29.26 1.58 0.00	29.65 1.28 0.00	29.55 1.08 0.00	29.77 1.06 0.00	30.16 0.99 0.00	31.04 1.16 0.00	33.42 1.38 0.00	38.62 1.80 0.00	42.40 2.40 0.00	46.26 2.54 0.00	40.37 2.07 0.00	36.47 1.80 0.00	32.17 1.50 0.00	29.76 1.28 0.00	27.29 1.10 0.00
SOUTH HAMPTN___IC 23720	24.92 2.47 0.00	23.10 1.98 0.00	21.58 1.82 0.00	20.91 1.59 0.00	21.40 1.64 0.00	24.04 2.11 0.00	32.82 2.32 0.00	36.33 2.28 0.00	34.31 3.73 0.00	31.31 3.63 0.00	31.72 3.35 -0.01	31.93 3.44 -0.01	32.01 3.30 0.00	32.61 3.44 0.00	33.04 3.16 0.00	35.02 2.98 0.00	40.35 3.53 0.00	44.20 4.20 0.00	47.62 3.89 0.00	40.91 2.61 0.00	36.85 2.19 0.00	32.94 2.27 0.00	30.76 2.28 0.00	28.16 1.97 0.00
SOUTHDOW_115KV_TB1 355954	20.95 -1.50 0.00	19.34 -1.77 0.00	18.13 -1.64 0.00	17.68 -1.64 0.00	18.30 -1.46 0.00	20.27 -1.67 0.00	28.83 -1.68 0.00	31.57 -2.49 0.00	28.96 -1.62 0.00	26.25 -1.44 0.00	26.72 -1.65 0.00	27.11 -1.37 0.00	27.42 -1.29 0.00	27.92 -1.25 0.00	28.26 -1.61 0.00	30.44 -1.60 0.00	34.86 -1.95 0.00	37.76 -2.24 0.00	41.49 -2.23 0.00	37.38 -0.92 0.00	33.35 -1.32 0.00	30.06 -0.61 0.00	28.28 -0.20 0.00	26.88 0.68 0.00
SOUTHOLD_69_KV_BK 2 55809	24.90 2.45 0.00	23.06 1.94 0.00	21.58 1.82 0.00	20.87 1.55 0.00	21.34 1.58 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.54 2.49 0.00	34.19 3.61 0.00	31.31 3.63 0.00	31.70 3.32 -0.01	31.90 3.42 -0.01	31.95 3.24 0.00	32.41 3.24 0.00	32.83 2.96 0.00	34.99 2.95 0.00	40.42 3.61 0.00	44.28 4.28 0.00	47.57 3.85 0.00	40.79 2.49 0.00	36.71 2.05 0.00	32.78 2.12 0.00	30.56 2.08 0.00	28.11 1.91 0.00
SOUTHOLD___IC 23719	24.90 2.45 0.00	23.06 1.94 0.00	21.55 1.78 0.00	20.87 1.55 0.00	21.34 1.58 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.33 2.28 0.00	34.34 3.76 0.00	31.37 3.68 0.00	31.70 3.32 -0.01	31.93 3.44 -0.01	31.95 3.24 0.00	32.55 3.38 0.00	32.98 3.11 0.00	34.99 2.95 0.00	40.35 3.53 0.00	44.28 4.28 0.00	47.57 3.85 0.00	40.79 2.49 0.00	36.67 2.01 0.00	32.78 2.11 0.00	30.56 2.08 0.00	28.11 1.91 0.00
SOUTH_FORK_WT_PWR 323839	24.70 2.25 0.00	22.89 1.77 0.00	21.37 1.60 0.00	20.70 1.37 0.00	21.16 1.40 0.00	23.80 1.86 0.00	32.49 1.98 0.00	36.06 2.01 0.00	34.10 3.52 0.00	31.17 3.49 0.00	31.38 3.01 -0.01	31.61 3.13 -0.01	31.64 2.93 0.00	32.23 3.06 0.00	32.62 2.75 0.00	34.61 2.56 0.00	39.94 3.13 0.00	43.84 3.84 0.00	47.01 3.28 0.00	40.25 1.95 0.00	36.23 1.56 0.00	32.35 1.69 0.00	30.13 1.65 0.00	27.87 1.68 0.00
SPIERFLS_115KV_TB 1 80737	24.09 1.64 0.00	22.70 1.58 0.00	21.17 1.40 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.49 1.56 0.00	32.15 1.65 0.00	36.03 1.98 0.00	32.51 1.93 0.00	29.37 1.69 0.00	29.82 1.45 0.00	29.84 1.37 0.00	29.91 1.21 0.00	30.25 1.08 0.00	31.04 1.16 0.00	33.35 1.31 0.00	38.40 1.58 0.00	42.04 2.04 0.00	45.95 2.23 0.00	40.06 1.76 0.00	36.19 1.53 0.00	31.93 1.26 0.00	29.62 1.14 0.00	27.14 0.94 0.00
ST LAWRENCE____ 23600	6.64 -0.29 15.52	11.93 -0.28 8.91	6.13 -0.26 13.38	6.13 -0.25 12.95	10.81 -0.26 8.69	20.06 -0.26 1.61	11.66 -0.43 18.42	24.47 -0.44 9.14	2.17 -0.67 27.74	2.12 -0.61 24.95	8.45 -0.42 19.50	8.46 -0.43 19.59	8.55 -0.43 19.73	8.71 -0.44 20.03	8.86 -0.45 20.56	9.53 -0.48 22.03	11.72 -0.52 24.58	39.52 -0.48 0.00	43.33 -0.39 0.00	38.04 -0.27 0.00	34.49 -0.17 0.00	30.61 -0.06 0.00	28.43 -0.06 0.00	26.22 0.03 0.00
STATE_CA_115KV_115_LB 55624	23.31 0.85 0.00	21.96 0.84 0.00	20.56 0.79 0.00	20.12 0.79 0.00	20.53 0.77 0.00	22.77 0.83 0.00	31.67 1.16 0.00	35.45 1.40 0.00	32.05 1.47 0.00	28.99 1.30 0.00	29.56 1.19 0.00	29.64 1.17 0.00	29.86 1.15 0.00	30.28 1.11 0.00	31.07 1.19 0.00	33.32 1.28 0.00	38.29 1.47 0.00	41.64 1.64 0.00	45.43 1.71 0.00	39.64 1.34 0.00	35.88 1.21 0.00	31.65 0.98 0.00	29.34 0.85 0.00	26.88 0.68 0.00

STATE_ST_34_KV_LOAD 55959	22.00 -0.45 0.00	20.70 -0.42 0.00	19.35 -0.42 0.00	18.92 -0.41 0.00	19.36 -0.40 0.00	21.52 -0.42 0.00	30.14 -0.37 0.00	33.54 -0.51 0.00	30.18 -0.40 0.00	27.35 -0.33 0.00	27.80 -0.57 0.00	27.99 -0.48 0.00	28.22 -0.49 0.00	28.71 -0.47 0.00	29.36 -0.51 0.00	31.50 -0.54 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.84 -0.46 0.00	34.14 -0.52 0.00	30.27 -0.40 0.00	28.17 -0.31 0.00	25.93 -0.26 0.00
STATION 5_MISC_HYD 23604	21.08 -1.37 0.00	19.81 -1.31 0.00	18.52 -1.24 0.00	18.09 -1.24 0.00	18.57 -1.18 0.00	20.62 -1.32 0.00	28.92 -1.59 0.00	31.97 -2.08 0.00	28.99 -1.59 0.00	26.30 -1.38 0.00	26.84 -1.53 0.00	27.11 -1.37 0.00	27.42 -1.29 0.00	27.71 -1.46 0.00	28.47 -1.40 0.00	30.44 -1.60 0.00	34.82 -1.99 0.00	37.72 -2.28 0.00	41.36 -2.36 0.00	36.62 -1.68 0.00	32.83 -1.84 0.00	29.35 -1.32 0.00	27.40 -1.08 0.00	25.67 -0.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.62 -0.83 0.00	20.34 -0.78 0.00	19.01 -0.75 0.00	18.57 -0.75 0.00	19.05 -0.71 0.00	21.17 -0.77 0.00	29.71 -0.79 0.00	33.00 -1.06 0.00	29.82 -0.76 0.00	27.08 -0.61 0.00	27.49 -0.88 0.00	27.73 -0.74 0.00	28.02 -0.69 0.00	28.47 -0.70 0.00	29.09 -0.78 0.00	31.21 -0.83 0.00	35.75 -1.07 0.00	38.76 -1.24 0.00	42.54 -1.18 0.00	37.54 -0.77 0.00	33.76 -0.90 0.00	30.06 -0.61 0.00	27.97 -0.51 0.00	25.96 -0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.04 -1.41 0.00	19.77 -1.35 0.00	18.48 -1.28 0.00	18.05 -1.28 0.00	18.51 -1.24 0.00	20.56 -1.38 0.00	28.83 -1.68 0.00	31.81 -2.25 0.00	28.93 -1.65 0.00	26.30 -1.38 0.00	26.75 -1.62 0.00	27.08 -1.40 0.00	27.33 -1.38 0.00	27.77 -1.40 0.00	28.29 -1.58 0.00	30.34 -1.70 0.00	34.72 -2.10 0.00	37.60 -2.40 0.00	41.23 -2.49 0.00	36.50 -1.80 0.00	32.72 -1.94 0.00	29.23 -1.44 0.00	27.29 -1.20 0.00	25.51 -0.68 0.00
STA_56___34_KV_BUS2 355983	21.04 -1.41 0.00	19.77 -1.35 0.00	18.48 -1.28 0.00	18.05 -1.28 0.00	18.51 -1.24 0.00	20.56 -1.38 0.00	28.83 -1.68 0.00	31.81 -2.25 0.00	28.93 -1.65 0.00	26.30 -1.38 0.00	26.75 -1.62 0.00	27.08 -1.40 0.00	27.33 -1.38 0.00	27.77 -1.40 0.00	28.29 -1.58 0.00	30.34 -1.70 0.00	34.72 -2.10 0.00	37.60 -2.40 0.00	41.23 -2.49 0.00	36.50 -1.80 0.00	32.72 -1.94 0.00	29.23 -1.44 0.00	27.29 -1.20 0.00	25.51 -0.68 0.00
STA_67___115KV_BK2 355882	21.06 -1.39 0.00	19.77 -1.35 0.00	18.48 -1.28 0.00	18.05 -1.28 0.00	18.53 -1.23 0.00	20.58 -1.36 0.00	28.86 -1.65 0.00	31.77 -2.28 0.00	28.96 -1.62 0.00	26.30 -1.38 0.00	26.78 -1.59 0.00	27.11 -1.37 0.00	27.36 -1.35 0.00	27.80 -1.37 0.00	28.32 -1.55 0.00	30.37 -1.67 0.00	34.72 -2.10 0.00	37.60 -2.40 0.00	41.23 -2.49 0.00	36.54 -1.76 0.00	32.76 -1.91 0.00	29.29 -1.38 0.00	27.34 -1.14 0.00	25.62 -0.58 0.00
STA_7___115KV_9TRANS 80674	21.15 -1.30 0.00	19.87 -1.25 0.00	18.58 -1.19 0.00	18.15 -1.18 0.00	18.63 -1.13 0.00	20.66 -1.27 0.00	29.01 -1.49 0.00	31.98 -2.08 0.00	29.14 -1.44 0.00	26.49 -1.19 0.00	26.95 -1.42 0.00	27.28 -1.20 0.00	27.56 -1.15 0.00	27.98 -1.20 0.00	28.53 -1.34 0.00	30.60 -1.44 0.00	34.97 -1.84 0.00	37.84 -2.16 0.00	41.54 -2.19 0.00	36.81 -1.49 0.00	33.00 -1.66 0.00	29.50 -1.17 0.00	27.51 -0.97 0.00	25.78 -0.42 0.00
STA_82___115KV_TB1 80780	21.06 -1.39 0.00	19.77 -1.35 0.00	18.48 -1.28 0.00	18.05 -1.28 0.00	18.53 -1.23 0.00	20.58 -1.36 0.00	28.86 -1.65 0.00	31.81 -2.25 0.00	28.96 -1.62 0.00	26.33 -1.36 0.00	26.78 -1.59 0.00	27.13 -1.34 0.00	27.39 -1.32 0.00	27.80 -1.37 0.00	28.32 -1.55 0.00	30.37 -1.67 0.00	34.75 -2.06 0.00	37.60 -2.40 0.00	41.23 -2.49 0.00	36.54 -1.76 0.00	32.76 -1.91 0.00	29.29 -1.38 0.00	27.34 -1.14 0.00	25.64 -0.55 0.00
STEEL___WIND 323596	20.61 -1.84 0.00	19.20 -1.92 0.00	17.99 -1.78 0.00	17.55 -1.78 0.00	18.10 -1.66 0.00	20.05 -1.89 0.00	28.31 -2.20 0.00	30.95 -3.10 0.00	28.29 -2.29 0.00	25.67 -2.02 0.00	26.19 -2.18 0.00	26.54 -1.94 0.00	26.87 -1.84 0.00	27.13 -2.04 0.00	27.78 -2.09 0.00	29.67 -2.37 0.00	33.98 -2.83 0.00	36.72 -3.28 0.00	40.23 -3.50 0.00	35.89 -2.41 0.00	32.06 -2.60 0.00	28.89 -1.78 0.00	27.20 -1.28 0.00	25.93 -0.26 0.00
STEPHTWN_115KV_BK_2 55603	23.44 0.99 0.00	22.07 0.95 0.00	20.66 0.89 0.00	20.20 0.87 0.00	20.63 0.87 0.00	22.88 0.94 0.00	31.85 1.34 0.00	35.65 1.60 0.00	32.26 1.68 0.00	29.15 1.47 0.00	29.70 1.33 0.00	29.78 1.31 0.00	30.00 1.29 0.00	30.40 1.23 0.00	31.19 1.31 0.00	33.48 1.44 0.00	38.51 1.69 0.00	41.92 1.92 0.00	45.74 2.01 0.00	39.91 1.61 0.00	36.12 1.46 0.00	31.86 1.20 0.00	29.51 1.03 0.00	27.03 0.84 0.00
STEUBEN_REC_LFGE 323667	20.86 -1.59 0.00	19.47 -1.65 0.00	18.22 -1.54 0.00	17.78 -1.55 0.00	18.30 -1.46 0.00	20.31 -1.62 0.00	28.71 -1.80 0.00	31.57 -2.49 0.00	28.75 -1.83 0.00	26.08 -1.61 0.00	26.35 -2.01 0.00	26.54 -1.94 0.00	26.87 -1.84 0.00	27.30 -1.87 0.00	27.84 -2.03 0.00	29.96 -2.08 0.00	34.49 -2.32 0.00	37.52 -2.48 0.00	41.19 -2.54 0.00	36.69 -1.61 0.00	32.97 -1.70 0.00	29.56 -1.10 0.00	27.77 -0.71 0.00	26.06 -0.13 0.00
STILLWATER___SOLAR 323814	23.85 1.39 0.00	22.45 1.33 0.00	20.95 1.19 0.00	20.49 1.16 0.00	20.92 1.17 0.00	23.23 1.29 0.00	32.21 1.71 0.00	36.06 2.01 0.00	32.60 2.02 0.00	29.46 1.77 0.00	29.96 1.59 0.00	30.01 1.54 0.00	30.17 1.46 0.00	30.60 1.43 0.00	31.36 1.49 0.00	33.71 1.67 0.00	38.76 1.95 0.00	42.28 2.28 0.00	46.13 2.40 0.00	40.29 1.99 0.00	36.43 1.77 0.00	32.17 1.50 0.00	29.79 1.31 0.00	27.32 1.13 0.00
STONY___BROOK 24151	24.81 2.36 0.00	23.02 1.90 0.00	21.51 1.74 0.00	20.85 1.53 0.00	21.34 1.58 0.00	23.93 2.00 0.00	32.73 2.23 0.00	36.13 2.08 0.00	34.10 3.52 0.00	31.09 3.40 0.00	31.58 3.20 -0.01	31.70 3.22 -0.01	31.84 3.13 0.00	32.44 3.27 0.00	32.89 3.02 0.00	34.83 2.79 0.00	40.09 3.28 0.00	43.84 3.84 0.00	47.35 3.63 0.00	40.76 2.45 0.00	36.78 2.11 0.00	32.85 2.18 0.00	30.79 2.31 0.00	28.08 1.89 0.00
STURGEON_POOL_HYD 23609	23.58 1.12 0.00	22.11 0.99 0.00	20.73 0.97 0.00	20.20 0.87 0.00	20.69 0.93 0.00	22.97 1.03 0.00	31.88 1.37 0.00	35.93 1.87 0.00	32.69 2.11 0.00	29.62 1.94 0.00	30.27 1.90 0.00	30.32 1.85 0.00	30.63 1.92 0.00	31.13 1.95 0.00	31.87 2.00 0.00	34.12 2.08 0.00	39.17 2.36 0.00	42.36 2.36 0.00	46.09 2.36 0.00	40.18 1.88 0.00	36.40 1.73 0.00	31.96 1.29 0.00	29.68 1.20 0.00	27.11 0.92 0.00
ST_LAW_115_BK7_LBMP 345037	6.62 -0.31 15.52	11.93 -0.28 8.91	6.13 -0.26 13.38	6.13 -0.25 12.95	10.81 -0.26 8.69	20.04 -0.29 1.61	11.66 -0.43 18.42	24.47 -0.44 9.14	2.17 -0.67 27.74	2.12 -0.61 24.95	8.45 -0.42 19.50	8.46 -0.43 19.59	8.55 -0.43 19.73	8.71 -0.44 20.03	8.86 -0.45 20.56	9.53 -0.48 22.03	11.72 -0.52 24.58	39.52 -0.48 0.00	43.33 -0.39 0.00	38.04 -0.27 0.00	34.49 -0.17 0.00	30.61 -0.06 0.00	28.43 -0.06 0.00	26.19 0.00 0.00

ST_LAW_115_BK8_LBMP 345038	6.62 -0.31 15.52	11.93 -0.28 8.91	6.13 -0.26 13.38	6.13 -0.25 12.95	10.81 -0.26 8.69	20.04 -0.29 1.61	11.66 -0.43 18.42	24.47 -0.44 9.14	2.17 -0.67 27.74	2.12 -0.61 24.95	8.45 -0.42 19.50	8.46 -0.43 19.59	8.55 -0.43 19.73	8.71 -0.44 20.03	8.86 -0.45 20.56	9.53 -0.48 22.03	11.72 -0.52 24.58	39.52 -0.48 0.00	43.33 -0.39 0.00	38.04 -0.27 0.00	34.49 -0.17 0.00	30.61 -0.06 0.00	28.43 -0.06 0.00	26.19 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	6.64 -0.29 15.52	11.93 -0.28 8.91	6.13 -0.26 13.38	6.13 -0.25 12.95	10.81 -0.26 8.69	20.06 -0.26 1.61	11.66 -0.43 18.42	24.47 -0.44 9.14	2.17 -0.67 27.74	2.12 -0.61 24.95	8.45 -0.42 19.50	8.46 -0.43 19.59	8.55 -0.43 19.73	8.71 -0.44 20.03	8.86 -0.45 20.56	9.53 -0.48 22.03	11.72 -0.52 24.58	39.52 -0.48 0.00	43.33 -0.39 0.00	38.04 -0.27 0.00	34.49 -0.17 0.00	30.61 -0.06 0.00	28.43 -0.06 0.00	26.22 0.03 0.00
ST_LAW_230_BK6_LBMP 345036	6.64 -0.29 15.52	11.93 -0.28 8.91	6.13 -0.26 13.38	6.13 -0.25 12.95	10.81 -0.26 8.69	20.06 -0.26 1.61	11.66 -0.43 18.42	24.47 -0.44 9.14	2.17 -0.67 27.74	2.12 -0.61 24.95	8.45 -0.42 19.50	8.46 -0.43 19.59	8.55 -0.43 19.73	8.71 -0.44 20.03	8.86 -0.45 20.56	9.53 -0.48 22.03	11.72 -0.52 24.58	39.52 -0.48 0.00	43.33 -0.39 0.00	38.04 -0.27 0.00	34.49 -0.17 0.00	30.61 -0.06 0.00	28.43 -0.06 0.00	26.22 0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.69 1.23 0.00	22.22 1.10 0.00	20.81 1.05 0.00	20.29 0.97 0.00	20.79 1.03 0.00	23.10 1.16 0.00	32.09 1.59 0.00	36.13 2.08 0.00	32.84 2.26 0.00	29.73 2.05 0.00	30.33 1.96 0.00	30.38 1.91 0.00	30.69 1.98 0.00	31.16 1.98 0.00	31.90 2.03 0.00	34.19 2.15 0.00	39.28 2.47 0.00	42.56 2.56 0.00	46.35 2.62 0.00	40.41 2.11 0.00	36.57 1.91 0.00	32.11 1.44 0.00	29.82 1.34 0.00	27.24 1.05 0.00
SWANROAD_115KV_TB1 355699	19.87 -2.58 0.00	18.54 -2.58 0.00	17.35 -2.41 0.00	16.95 -2.38 0.00	17.47 -2.29 0.00	19.33 -2.61 0.00	27.24 -3.26 0.00	29.49 -4.56 0.00	27.28 -3.30 0.00	24.78 -2.91 0.00	25.25 -3.12 0.00	25.71 -2.76 0.00	25.95 -2.76 0.00	26.31 -2.86 0.00	26.59 -3.29 0.00	28.55 -3.49 0.00	32.62 -4.20 0.00	35.12 -4.88 0.00	38.43 -5.29 0.00	34.40 -3.91 0.00	30.71 -3.95 0.00	27.72 -2.94 0.00	26.12 -2.36 0.00	25.02 -1.18 0.00
SYNERGY___BIOGAS 323694	20.77 -1.68 0.00	19.45 -1.67 0.00	18.20 -1.56 0.00	17.76 -1.56 0.00	18.28 -1.48 0.00	20.29 -1.65 0.00	28.61 -1.89 0.00	31.50 -2.55 0.00	28.65 -1.93 0.00	26.00 -1.69 0.00	26.50 -1.87 0.00	26.82 -1.65 0.00	27.16 -1.55 0.00	27.39 -1.78 0.00	28.17 -1.70 0.00	30.05 -1.99 0.00	34.35 -2.47 0.00	37.16 -2.84 0.00	40.88 -2.84 0.00	36.43 -1.88 0.00	32.48 -2.18 0.00	29.23 -1.44 0.00	27.40 -1.08 0.00	25.98 -0.21 0.00
SYRACUSE___ENERGY_ST1 323597	22.12 -0.34 0.00	20.80 -0.32 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.46 -0.30 0.00	21.61 -0.33 0.00	30.17 -0.34 0.00	33.58 -0.48 0.00	30.21 -0.37 0.00	27.38 -0.30 0.00	27.89 -0.48 0.00	28.02 -0.46 0.00	28.25 -0.46 0.00	28.73 -0.44 0.00	29.39 -0.48 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.77 -0.54 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.11 -0.37 0.00	25.85 -0.34 0.00
SYRACUSE___ENERGY_ST2 323598	22.12 -0.34 0.00	20.80 -0.32 0.00	19.45 -0.32 0.00	19.02 -0.31 0.00	19.46 -0.30 0.00	21.61 -0.33 0.00	30.17 -0.34 0.00	33.58 -0.48 0.00	30.21 -0.37 0.00	27.38 -0.30 0.00	27.89 -0.48 0.00	28.02 -0.46 0.00	28.25 -0.46 0.00	28.73 -0.44 0.00	29.39 -0.48 0.00	31.53 -0.51 0.00	36.22 -0.59 0.00	39.40 -0.60 0.00	43.07 -0.66 0.00	37.77 -0.54 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.11 -0.37 0.00	25.85 -0.34 0.00
SYRACUSE___POWER 24017	22.09 -0.36 0.00	20.78 -0.34 0.00	19.43 -0.34 0.00	19.00 -0.33 0.00	19.44 -0.32 0.00	21.59 -0.35 0.00	30.14 -0.37 0.00	33.54 -0.51 0.00	30.18 -0.40 0.00	27.35 -0.33 0.00	27.86 -0.51 0.00	27.99 -0.48 0.00	28.22 -0.49 0.00	28.71 -0.47 0.00	29.36 -0.51 0.00	31.50 -0.54 0.00	36.22 -0.59 0.00	39.36 -0.64 0.00	43.03 -0.70 0.00	37.77 -0.54 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.08 -0.40 0.00	25.85 -0.34 0.00
TALLMAN___138KV_BK151 55660	23.75 1.30 0.00	22.28 1.16 0.00	20.87 1.11 0.00	20.35 1.02 0.00	20.83 1.07 0.00	23.14 1.21 0.00	32.18 1.68 0.00	36.23 2.18 0.00	32.97 2.39 0.00	29.84 2.16 0.00	30.44 2.07 0.00	30.52 2.05 0.00	30.83 2.12 0.00	31.33 2.16 0.00	32.05 2.18 0.00	34.35 2.31 0.00	39.43 2.61 0.00	42.72 2.72 0.00	46.48 2.75 0.00	40.52 2.22 0.00	36.67 2.01 0.00	32.20 1.53 0.00	29.91 1.42 0.00	27.29 1.10 0.00
TEALLAVE_115KV_TB7 355573	22.03 -0.43 0.00	20.72 -0.40 0.00	19.37 -0.40 0.00	18.94 -0.39 0.00	19.38 -0.38 0.00	21.52 -0.42 0.00	30.05 -0.46 0.00	33.41 -0.65 0.00	30.09 -0.49 0.00	27.27 -0.42 0.00	27.77 -0.60 0.00	27.93 -0.54 0.00	28.16 -0.55 0.00	28.62 -0.55 0.00	29.27 -0.60 0.00	31.40 -0.64 0.00	36.08 -0.74 0.00	39.20 -0.80 0.00	42.85 -0.87 0.00	37.61 -0.69 0.00	33.94 -0.73 0.00	30.09 -0.58 0.00	27.97 -0.51 0.00	25.75 -0.45 0.00
TELGRAPH_34_KV_EAST 80808	20.43 -2.02 0.00	19.09 -2.03 0.00	17.87 -1.90 0.00	17.45 -1.87 0.00	17.98 -1.78 0.00	19.90 -2.04 0.00	28.10 -2.41 0.00	30.61 -3.44 0.00	28.16 -2.42 0.00	25.61 -2.08 0.00	26.04 -2.33 0.00	26.51 -1.96 0.00	26.76 -1.95 0.00	27.16 -2.01 0.00	27.48 -2.39 0.00	29.51 -2.53 0.00	33.72 -3.09 0.00	36.36 -3.64 0.00	39.83 -3.89 0.00	35.62 -2.68 0.00	31.79 -2.88 0.00	28.64 -2.02 0.00	26.92 -1.57 0.00	25.64 -0.55 0.00
TEMPLE___115KV_TB 2 55572	22.03 -0.43 0.00	20.72 -0.40 0.00	19.39 -0.38 0.00	18.94 -0.39 0.00	19.38 -0.38 0.00	21.54 -0.39 0.00	30.05 -0.46 0.00	33.44 -0.61 0.00	30.09 -0.49 0.00	27.27 -0.42 0.00	27.80 -0.57 0.00	27.93 -0.54 0.00	28.16 -0.55 0.00	28.65 -0.53 0.00	29.30 -0.57 0.00	31.43 -0.61 0.00	36.11 -0.70 0.00	39.24 -0.76 0.00	42.89 -0.83 0.00	37.61 -0.69 0.00	33.97 -0.69 0.00	30.09 -0.58 0.00	27.97 -0.51 0.00	25.75 -0.45 0.00
TIANA____69_KV_BK 1 55817	24.92 2.47 0.00	23.10 1.99 0.00	21.62 1.86 0.00	20.93 1.60 0.00	21.42 1.66 0.00	24.04 2.11 0.00	32.82 2.32 0.00	36.54 2.49 0.00	34.16 3.58 0.00	31.20 3.52 0.00	31.73 3.35 -0.01	31.87 3.39 -0.01	32.01 3.30 0.00	32.44 3.27 0.00	32.89 3.02 0.00	35.02 2.98 0.00	40.38 3.57 0.00	44.20 4.20 0.00	47.66 3.94 0.00	40.94 2.64 0.00	36.92 2.25 0.00	32.97 2.30 0.00	30.82 2.34 0.00	28.16 1.96 0.00
TILDEN___115KV_TB1 80814	22.09 -0.36 0.00	20.78 -0.34 0.00	19.43 -0.34 0.00	19.00 -0.33 0.00	19.44 -0.32 0.00	21.59 -0.35 0.00	30.14 -0.37 0.00	33.54 -0.51 0.00	30.18 -0.40 0.00	27.35 -0.33 0.00	27.86 -0.51 0.00	27.99 -0.48 0.00	28.22 -0.49 0.00	28.71 -0.47 0.00	29.36 -0.51 0.00	31.50 -0.54 0.00	36.22 -0.59 0.00	39.36 -0.64 0.00	43.03 -0.70 0.00	37.77 -0.54 0.00	34.11 -0.55 0.00	30.21 -0.46 0.00	28.08 -0.40 0.00	25.85 -0.34 0.00

TRIGEN___CC 323695	24.27 1.82 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.49 1.56 0.00	32.40 1.89 0.00	36.13 2.08 0.00	33.45 2.87 0.00	30.51 2.82 0.00	31.08 2.70 -0.02	31.08 2.59 -0.02	31.41 2.70 0.00	31.89 2.71 0.00	32.44 2.57 0.00	34.51 2.47 0.00	39.61 2.80 0.00	43.04 3.04 0.00	46.65 2.93 0.00	40.37 2.07 0.00	36.54 1.87 0.00	32.48 1.81 0.00	30.33 1.85 0.00	27.64 1.44 0.00
TRINITY___115KV___4 BK 55933	23.26 0.81 0.00	21.92 0.80 0.00	20.52 0.75 0.00	20.08 0.75 0.00	20.49 0.73 0.00	22.70 0.77 0.00	31.57 1.07 0.00	35.35 1.29 0.00	31.96 1.38 0.00	28.90 1.22 0.00	29.50 1.13 0.00	29.58 1.11 0.00	29.80 1.09 0.00	30.22 1.05 0.00	31.01 1.14 0.00	33.26 1.22 0.00	38.21 1.40 0.00	41.52 1.52 0.00	45.26 1.53 0.00	39.53 1.23 0.00	35.81 1.14 0.00	31.59 0.92 0.00	29.25 0.77 0.00	26.80 0.60 0.00
UNION___PROCESSING_DRP 323587	21.06 -1.39 0.00	19.77 -1.35 0.00	18.48 -1.28 0.00	18.05 -1.28 0.00	18.55 -1.21 0.00	20.58 -1.36 0.00	28.86 -1.65 0.00	31.81 -2.25 0.00	28.99 -1.59 0.00	26.33 -1.36 0.00	26.78 -1.59 0.00	27.13 -1.34 0.00	27.39 -1.32 0.00	27.80 -1.37 0.00	28.32 -1.55 0.00	30.37 -1.67 0.00	34.75 -2.06 0.00	37.60 -2.40 0.00	41.23 -2.49 0.00	36.58 -1.72 0.00	32.76 -1.91 0.00	29.29 -1.38 0.00	27.37 -1.11 0.00	25.64 -0.55 0.00
UPPER HUDSON___HYD 24058	24.09 1.64 0.00	22.70 1.58 0.00	21.17 1.40 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.49 1.56 0.00	32.15 1.65 0.00	35.99 1.94 0.00	32.54 1.96 0.00	29.37 1.69 0.00	29.82 1.45 0.00	29.84 1.37 0.00	29.91 1.21 0.00	30.28 1.11 0.00	31.03 1.16 0.00	33.36 1.31 0.00	38.40 1.58 0.00	42.00 2.00 0.00	45.91 2.19 0.00	40.06 1.76 0.00	36.19 1.52 0.00	31.93 1.26 0.00	29.62 1.14 0.00	27.14 0.94 0.00
UPPER RAQUET___HYD 24056	26.90 0.25 -4.20	31.93 0.32 -10.49	24.68 0.26 -4.65	24.42 0.27 -4.82	29.80 0.28 -9.77	39.34 0.48 -16.92	36.53 0.91 -5.11	52.60 1.46 -17.09	26.90 0.64 4.33	24.68 0.36 3.37	31.04 0.14 -2.53	31.03 0.06 -2.50	31.36 0.09 -2.56	31.80 0.06 -2.57	32.48 0.15 -2.46	34.78 0.48 -2.26	27.87 0.92 9.86	41.64 1.64 0.00	46.74 3.01 0.00	41.02 2.72 0.00	37.05 2.39 0.00	32.81 2.15 0.00	30.31 1.82 0.00	27.92 1.73 0.00
VALLEY44_115KV_TB2 355964	21.17 -1.28 0.00	19.68 -1.44 0.00	18.46 -1.30 0.00	18.03 -1.29 0.00	18.63 -1.13 0.00	20.62 -1.32 0.00	29.26 -1.25 0.00	31.91 -2.15 0.00	29.20 -1.38 0.00	26.41 -1.27 0.00	26.78 -1.59 0.00	27.16 -1.31 0.00	27.47 -1.23 0.00	27.89 -1.28 0.00	28.23 -1.64 0.00	30.37 -1.67 0.00	34.53 -2.28 0.00	37.48 -2.52 0.00	41.06 -2.67 0.00	36.66 -1.65 0.00	32.65 -2.01 0.00	29.32 -1.35 0.00	27.57 -0.91 0.00	26.12 -0.08 0.00
VALLEY___115KV_TB 1-4 80826	23.39 0.13 -0.80	21.64 0.11 -0.42	20.53 0.08 -0.68	20.09 0.10 -0.66	20.27 0.10 -0.41	22.09 0.15 0.00	31.61 0.15 -0.95	34.59 0.14 -0.40	32.14 0.09 -1.47	29.03 0.03 -1.32	29.37 0.00 -1.01	29.48 0.00 -1.01	29.70 -0.03 -1.02	30.18 -0.03 -1.03	30.90 -0.03 -1.06	33.15 -0.03 -1.14	38.07 -0.07 -1.33	39.92 -0.08 0.00	43.72 0.00 0.00	38.30 0.00 0.00	34.73 0.07 0.00	30.76 0.09 0.00	28.60 0.11 0.00	26.35 0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.37 0.92 0.00	21.96 0.84 0.00	20.56 0.79 0.00	20.12 0.79 0.00	20.57 0.81 0.00	22.86 0.92 0.00	31.88 1.37 0.00	35.76 1.70 0.00	32.23 1.65 0.00	29.26 1.58 0.00	29.84 1.48 0.00	29.98 1.51 0.00	30.23 1.52 0.00	30.66 1.49 0.00	31.45 1.58 0.00	33.74 1.70 0.00	38.73 1.91 0.00	42.00 2.00 0.00	46.09 2.36 0.00	40.29 1.99 0.00	36.40 1.73 0.00	32.17 1.50 0.00	29.85 1.37 0.00	27.45 1.26 0.00
VISCHER___FERRY HYD 24020	23.62 1.17 0.00	22.22 1.10 0.00	20.77 1.01 0.00	20.31 0.99 0.00	20.75 0.99 0.00	23.03 1.10 0.00	32.00 1.49 0.00	35.86 1.80 0.00	32.45 1.87 0.00	29.35 1.66 0.00	29.90 1.53 0.00	30.01 1.54 0.00	30.20 1.49 0.00	30.66 1.49 0.00	31.42 1.55 0.00	33.71 1.67 0.00	38.76 1.95 0.00	42.08 2.08 0.00	45.87 2.14 0.00	40.06 1.76 0.00	36.29 1.63 0.00	32.02 1.35 0.00	29.68 1.20 0.00	27.19 1.00 0.00
V_A_10_SYNC_DSASP 323832	20.39 -2.07 0.00	19.09 -2.03 0.00	17.87 -1.90 0.00	17.43 -1.89 0.00	17.94 -1.82 0.00	19.90 -2.04 0.00	27.94 -2.56 0.00	30.65 -3.40 0.00	27.95 -2.63 0.00	25.36 -2.33 0.00	25.90 -2.47 0.00	26.25 -2.22 0.00	26.56 -2.15 0.00	26.75 -2.42 0.00	27.45 -2.42 0.00	29.32 -2.72 0.00	33.54 -3.28 0.00	36.24 -3.76 0.00	39.70 -4.02 0.00	35.28 -3.03 0.00	31.58 -3.09 0.00	28.37 -2.30 0.00	26.63 -1.85 0.00	25.25 -0.94 0.00
V_CMM_10_SYNC_DSASP 323787	6.70 -0.22 15.52	12.02 -0.19 8.91	6.19 -0.20 13.38	6.21 -0.17 12.95	10.89 -0.18 8.69	20.13 -0.20 1.61	11.78 -0.31 18.42	24.61 -0.31 9.14	2.29 -0.55 27.74	2.23 -0.50 24.95	8.56 -0.31 19.50	8.55 -0.34 19.59	8.66 -0.32 19.73	8.83 -0.32 20.03	8.98 -0.33 20.56	9.66 -0.35 22.03	11.86 -0.37 24.58	39.68 -0.32 0.00	43.51 -0.22 0.00	38.19 -0.11 0.00	34.63 -0.03 0.00	30.73 0.06 0.00	28.54 0.06 0.00	26.30 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	-6.87 -0.81 28.52	-6.97 -0.72 27.37	-6.90 -0.69 25.98	-6.91 -0.66 25.58	-6.98 -0.67 26.06	-6.61 -1.03 27.51	-6.34 -1.34 35.51	-6.41 -1.29 39.17	-6.51 -1.59 35.50	-6.50 -1.47 32.72	-6.40 -1.56 33.21	-6.43 -1.59 33.31	-6.46 -1.55 33.61	-6.45 -1.55 34.07	-6.43 -1.58 34.72	-6.30 -1.70 36.64	12.74 -1.54 22.53	38.88 -1.12 0.00	43.16 -0.57 0.00	38.19 -0.11 0.00	34.91 0.24 0.00	31.04 0.37 0.00	28.97 0.48 0.00	26.93 0.73 0.00
V_D_10_SYNC_DSASP 323841	6.77 -0.16 15.52	12.08 -0.13 8.91	6.27 -0.12 13.38	6.26 -0.12 12.95	10.95 -0.12 8.69	20.19 -0.13 1.61	11.90 -0.18 18.42	24.75 -0.17 9.14	2.38 -0.46 27.74	2.34 -0.39 24.95	8.64 -0.23 19.50	8.66 -0.23 19.59	8.75 -0.23 19.73	8.94 -0.20 20.03	9.07 -0.24 20.56	9.79 -0.22 22.03	12.01 -0.22 24.58	39.84 -0.16 0.00	43.68 -0.04 0.00	38.34 0.04 0.00	34.77 0.10 0.00	30.82 0.15 0.00	28.63 0.14 0.00	26.40 0.21 0.00
V_E_10_SYNC_DSASP 323830	23.35 0.90 0.00	21.98 0.87 0.00	20.52 0.75 0.00	20.14 0.81 0.00	20.69 0.93 0.00	23.12 1.18 0.00	32.43 1.92 0.00	36.47 2.42 0.00	32.51 1.93 0.00	29.37 1.69 0.00	29.73 1.36 0.00	29.81 1.34 0.00	30.06 1.35 0.00	30.49 1.31 0.00	31.42 1.55 0.00	33.77 1.73 0.00	38.91 2.10 0.00	42.48 2.48 0.00	47.01 3.28 0.00	41.14 2.83 0.00	37.02 2.36 0.00	32.85 2.18 0.00	30.45 1.96 0.00	28.08 1.89 0.00
V_F_30_NSYNC___DSASP 323816	23.85 1.39 0.00	22.47 1.35 0.00	20.97 1.21 0.00	20.49 1.16 0.00	20.94 1.19 0.00	23.25 1.32 0.00	32.24 1.74 0.00	36.10 2.04 0.00	32.63 2.05 0.00	29.46 1.77 0.00	29.96 1.59 0.00	30.01 1.54 0.00	30.20 1.49 0.00	30.60 1.43 0.00	31.39 1.52 0.00	33.71 1.67 0.00	38.80 1.99 0.00	42.28 2.28 0.00	46.17 2.45 0.00	40.29 1.99 0.00	36.47 1.80 0.00	32.17 1.50 0.00	29.82 1.34 0.00	27.35 1.15 0.00

V_F_30_SYNC_DSASP 323786	23.31 0.85 0.00	21.96 0.84 0.00	20.56 0.79 0.00	20.12 0.79 0.00	20.53 0.77 0.00	22.77 0.83 0.00	31.67 1.16 0.00	35.45 1.40 0.00	32.05 1.47 0.00	28.99 1.30 0.00	29.56 1.19 0.00	29.64 1.17 0.00	29.86 1.15 0.00	30.28 1.11 0.00	31.07 1.19 0.00	33.32 1.28 0.00	38.29 1.47 0.00	41.64 1.64 0.00	45.39 1.66 0.00	39.64 1.34 0.00	35.88 1.21 0.00	31.65 0.98 0.00	29.34 0.85 0.00	26.88 0.68 0.00
V_XM_10_SYNC_DSASP 323789	-6.87 -0.81 28.52	-6.97 -0.72 27.37	-6.90 -0.69 25.98	-6.91 -0.66 25.58	-6.98 -0.67 26.06	-6.61 -1.03 27.51	-6.34 -1.34 35.51	-6.41 -1.29 39.17	-6.51 -1.59 35.50	-6.50 -1.47 32.72	-6.40 -1.56 33.21	-6.43 -1.59 33.31	-6.46 -1.55 33.61	-6.45 -1.55 34.07	-6.43 -1.58 34.72	-6.30 -1.70 36.64	12.74 -1.54 22.53	38.88 -1.12 0.00	43.16 -0.57 0.00	38.19 -0.11 0.00	34.91 0.24 0.00	31.04 0.37 0.00	28.97 0.48 0.00	26.93 0.73 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.82 1.37 0.00	22.32 1.20 0.00	20.91 1.15 0.00	20.39 1.06 0.00	20.88 1.13 0.00	23.21 1.27 0.00	32.28 1.77 0.00	36.33 2.28 0.00	33.06 2.48 0.00	29.96 2.27 0.00	30.53 2.16 0.00	30.61 2.14 0.00	30.92 2.21 0.00	31.42 2.25 0.00	32.14 2.27 0.00	34.44 2.40 0.00	39.57 2.76 0.00	42.84 2.84 0.00	46.61 2.89 0.00	40.64 2.34 0.00	36.78 2.11 0.00	32.29 1.63 0.00	29.99 1.51 0.00	27.37 1.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.02 1.57 0.00	22.51 1.39 0.00	21.09 1.32 0.00	20.55 1.22 0.00	21.02 1.26 0.00	23.38 1.45 0.00	32.52 2.01 0.00	36.71 2.66 0.00	33.42 2.84 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.56 2.69 0.00	34.83 2.79 0.00	39.98 3.17 0.00	43.20 3.20 0.00	47.00 3.28 0.00	40.94 2.64 0.00	37.09 2.43 0.00	32.54 1.87 0.00	30.25 1.77 0.00	27.61 1.41 0.00
W50THST__13_KV_LOAD 356117	24.14 1.68 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.62 1.29 0.00	21.10 1.34 0.00	23.47 1.54 0.00	32.67 2.17 0.00	36.88 2.83 0.00	33.61 3.03 0.00	30.45 2.77 0.00	31.09 2.72 0.00	31.15 2.68 0.00	31.49 2.78 0.00	32.00 2.83 0.00	32.74 2.87 0.00	35.05 3.01 0.00	40.24 3.42 0.00	43.44 3.44 0.00	47.27 3.54 0.00	41.17 2.87 0.00	37.30 2.63 0.00	32.69 2.02 0.00	30.39 1.91 0.00	27.71 1.52 0.00
WADING RIVER_IC_1 23522	24.88 2.43 0.00	23.08 1.96 0.00	21.55 1.78 0.00	20.89 1.56 0.00	21.38 1.62 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.27 2.21 0.00	34.22 3.64 0.00	31.20 3.52 0.00	31.64 3.26 -0.01	31.81 3.33 -0.01	31.92 3.21 0.00	32.53 3.35 0.00	32.98 3.11 0.00	34.93 2.88 0.00	40.20 3.38 0.00	44.04 4.04 0.00	47.53 3.80 0.00	40.83 2.53 0.00	36.85 2.19 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.11 1.91 0.00
WADING RIVER_IC_2 23547	24.88 2.43 0.00	23.08 1.96 0.00	21.55 1.78 0.00	20.89 1.56 0.00	21.38 1.62 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.27 2.21 0.00	34.22 3.64 0.00	31.20 3.52 0.00	31.64 3.26 -0.01	31.81 3.33 -0.01	31.92 3.21 0.00	32.53 3.35 0.00	32.98 3.11 0.00	34.93 2.88 0.00	40.20 3.38 0.00	44.04 4.04 0.00	47.53 3.80 0.00	40.83 2.53 0.00	36.85 2.19 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.11 1.91 0.00
WADING RIVER_IC_3 23601	24.88 2.43 0.00	23.08 1.96 0.00	21.55 1.78 0.00	20.89 1.56 0.00	21.38 1.62 0.00	24.00 2.06 0.00	32.76 2.26 0.00	36.27 2.21 0.00	34.22 3.64 0.00	31.20 3.52 0.00	31.64 3.26 -0.01	31.81 3.33 -0.01	31.92 3.21 0.00	32.53 3.35 0.00	32.98 3.11 0.00	34.93 2.88 0.00	40.20 3.38 0.00	44.04 4.04 0.00	47.53 3.80 0.00	40.83 2.53 0.00	36.85 2.19 0.00	32.91 2.24 0.00	30.79 2.31 0.00	28.11 1.91 0.00
WALDENNY_12_KV_BK2 80841	20.59 -1.86 0.00	19.15 -1.96 0.00	17.95 -1.82 0.00	17.53 -1.80 0.00	18.08 -1.68 0.00	20.01 -1.93 0.00	28.28 -2.23 0.00	30.75 -3.30 0.00	28.35 -2.23 0.00	25.72 -1.97 0.00	26.21 -2.16 0.00	26.68 -1.79 0.00	26.90 -1.81 0.00	27.33 -1.84 0.00	27.63 -2.24 0.00	29.67 -2.37 0.00	33.94 -2.87 0.00	36.60 -3.40 0.00	40.05 -3.67 0.00	35.85 -2.45 0.00	32.00 -2.67 0.00	28.83 -1.84 0.00	27.17 -1.31 0.00	25.91 -0.29 0.00
WALDEN__HYDRO 24148	23.71 1.26 0.00	22.24 1.12 0.00	20.83 1.07 0.00	20.31 0.99 0.00	20.81 1.05 0.00	23.12 1.18 0.00	32.12 1.62 0.00	36.16 2.11 0.00	32.87 2.29 0.00	29.76 2.08 0.00	30.36 1.99 0.00	30.41 1.94 0.00	30.72 2.01 0.00	31.18 2.01 0.00	31.96 2.09 0.00	34.25 2.21 0.00	39.32 2.50 0.00	42.60 2.60 0.00	46.39 2.67 0.00	40.45 2.14 0.00	36.61 1.94 0.00	32.14 1.47 0.00	29.85 1.37 0.00	27.27 1.07 0.00
WARRENSBURG____ 23737	24.09 1.64 0.00	22.70 1.58 0.00	21.17 1.40 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.49 1.56 0.00	32.15 1.65 0.00	35.99 1.94 0.00	32.54 1.96 0.00	29.37 1.69 0.00	29.82 1.45 0.00	29.84 1.37 0.00	29.91 1.21 0.00	30.28 1.11 0.00	31.03 1.16 0.00	33.36 1.31 0.00	38.40 1.58 0.00	42.00 2.00 0.00	45.91 2.19 0.00	40.06 1.76 0.00	36.19 1.52 0.00	31.93 1.26 0.00	29.62 1.14 0.00	27.14 0.94 0.00
WATERSIDE____6 8 9 23538	24.14 1.68 0.00	22.62 1.50 0.00	21.17 1.40 0.00	20.60 1.28 0.00	21.08 1.32 0.00	23.43 1.49 0.00	32.46 1.95 0.00	36.61 2.55 0.00	33.39 2.81 0.00	30.29 2.60 0.00	30.89 2.52 0.00	30.98 2.51 0.00	31.32 2.61 0.00	31.83 2.65 0.00	32.59 2.72 0.00	34.86 2.82 0.00	39.94 3.13 0.00	43.08 3.08 0.00	46.79 3.06 0.00	40.79 2.49 0.00	37.09 2.43 0.00	32.51 1.84 0.00	30.33 1.85 0.00	27.69 1.49 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.45 0.20 -0.80	21.71 0.17 -0.42	20.61 0.16 -0.68	20.14 0.15 -0.66	20.33 0.16 -0.41	22.13 0.20 0.00	31.70 0.24 -0.95	34.72 0.27 -0.40	32.33 0.28 -1.47	29.23 0.22 -1.32	29.57 0.20 -1.01	29.68 0.20 -1.01	29.90 0.17 -1.02	30.38 0.18 -1.03	31.11 0.18 -1.06	33.37 0.19 -1.14	38.37 0.22 -1.33	40.24 0.24 0.00	44.03 0.31 0.00	38.53 0.23 0.00	34.91 0.24 0.00	30.88 0.21 0.00	28.68 0.20 0.00	26.40 0.21 0.00
WATSON____69_KV_BK 1 55734	24.90 2.45 0.00	23.10 1.99 0.00	21.62 1.86 0.00	20.93 1.60 0.00	21.44 1.68 0.00	24.04 2.11 0.00	32.92 2.41 0.00	36.57 2.52 0.00	34.13 3.55 0.00	31.20 3.52 0.00	31.75 3.38 -0.01	31.84 3.36 -0.01	32.01 3.30 0.00	32.47 3.30 0.00	32.95 3.08 0.00	35.05 3.01 0.00	40.38 3.57 0.00	44.12 4.12 0.00	47.66 3.94 0.00	41.06 2.76 0.00	37.02 2.36 0.00	33.06 2.39 0.00	30.96 2.48 0.00	28.21 2.02 0.00
WDELAWARE__HYD 323627	23.66 1.21 0.00	22.22 1.10 0.00	20.81 1.05 0.00	20.29 0.97 0.00	20.81 1.05 0.00	23.10 1.16 0.00	32.12 1.62 0.00	36.13 2.08 0.00	32.84 2.26 0.00	29.70 2.02 0.00	30.30 1.93 0.00	30.32 1.85 0.00	30.63 1.92 0.00	31.13 1.95 0.00	31.87 2.00 0.00	34.19 2.15 0.00	39.28 2.47 0.00	42.60 2.60 0.00	46.44 2.71 0.00	40.52 2.22 0.00	36.64 1.97 0.00	32.23 1.56 0.00	29.91 1.42 0.00	27.35 1.15 0.00

WEST BABYLON___IC 23714	24.79 2.34 0.00	23.02 1.90 0.00	21.55 1.78 0.00	20.87 1.55 0.00	21.36 1.60 0.00	23.96 2.02 0.00	32.85 2.35 0.00	36.50 2.45 0.00	34.00 3.42 0.00	31.09 3.41 0.00	31.67 3.29 -0.01	31.70 3.22 -0.01	31.92 3.22 0.00	32.38 3.21 0.00	32.86 2.99 0.00	34.99 2.95 0.00	40.27 3.46 0.00	43.92 3.92 0.00	47.53 3.80 0.00	40.94 2.64 0.00	36.95 2.29 0.00	32.97 2.30 0.00	30.87 2.39 0.00	28.13 1.94 0.00
WEST CANADA___HYD 24049	23.37 0.11 -0.80	21.64 0.11 -0.42	20.55 0.10 -0.68	20.09 0.10 -0.66	20.27 0.10 -0.41	22.05 0.11 0.00	31.61 0.15 -0.95	34.62 0.17 -0.40	32.29 0.24 -1.47	29.20 0.20 -1.32	29.55 0.17 -1.01	29.63 0.14 -1.01	29.87 0.14 -1.02	30.35 0.15 -1.03	31.08 0.15 -1.06	33.37 0.19 -1.14	38.33 0.18 -1.33	40.16 0.16 0.00	43.90 0.18 0.00	38.46 0.15 0.00	34.80 0.14 0.00	30.79 0.12 0.00	28.57 0.09 0.00	26.27 0.08 0.00
WESTERN_NY_WIND 24143	20.72 -1.73 0.00	19.41 -1.71 0.00	18.15 -1.62 0.00	17.72 -1.60 0.00	18.24 -1.52 0.00	20.23 -1.71 0.00	28.55 -1.95 0.00	31.23 -2.83 0.00	28.65 -1.93 0.00	26.02 -1.66 0.00	26.44 -1.93 0.00	26.88 -1.59 0.00	27.13 -1.58 0.00	27.54 -1.63 0.00	27.93 -1.94 0.00	29.99 -2.05 0.00	34.27 -2.54 0.00	37.00 -3.00 0.00	40.66 -3.06 0.00	36.35 -1.95 0.00	32.41 -2.25 0.00	29.17 -1.50 0.00	27.34 -1.14 0.00	25.96 -0.24 0.00
WESTOVER___LESR 323668	22.14 -0.31 0.00	20.78 -0.34 0.00	19.45 -0.32 0.00	19.00 -0.33 0.00	19.48 -0.28 0.00	21.63 -0.31 0.00	30.29 -0.21 0.00	33.68 -0.37 0.00	30.43 -0.15 0.00	27.55 -0.14 0.00	28.00 -0.37 0.00	28.19 -0.28 0.00	28.45 -0.26 0.00	28.91 -0.26 0.00	29.54 -0.33 0.00	31.72 -0.32 0.00	36.48 -0.33 0.00	39.68 -0.32 0.00	43.38 -0.35 0.00	38.15 -0.15 0.00	34.39 -0.28 0.00	30.48 -0.18 0.00	28.43 -0.06 0.00	26.27 0.08 0.00
WETHRSFD_WT_PWR 323626	20.41 -2.04 0.00	19.05 -2.07 0.00	17.85 -1.92 0.00	17.40 -1.93 0.00	17.90 -1.86 0.00	19.83 -2.11 0.00	27.97 -2.53 0.00	30.75 -3.30 0.00	27.98 -2.60 0.00	25.36 -2.33 0.00	25.82 -2.55 0.00	26.11 -2.36 0.00	26.41 -2.30 0.00	26.72 -2.45 0.00	27.39 -2.48 0.00	29.38 -2.66 0.00	33.83 -2.98 0.00	36.72 -3.28 0.00	40.27 -3.46 0.00	35.89 -2.41 0.00	32.14 -2.53 0.00	28.95 -1.72 0.00	27.23 -1.25 0.00	25.77 -0.42 0.00
WHAVSTOR_138KV_BK127 55557	23.75 1.30 0.00	22.28 1.16 0.00	20.87 1.11 0.00	20.35 1.02 0.00	20.83 1.07 0.00	23.14 1.21 0.00	32.18 1.68 0.00	36.23 2.18 0.00	32.97 2.39 0.00	29.84 2.16 0.00	30.44 2.07 0.00	30.52 2.05 0.00	30.83 2.12 0.00	31.33 2.16 0.00	32.05 2.18 0.00	34.35 2.31 0.00	39.43 2.61 0.00	42.68 2.68 0.00	46.44 2.71 0.00	40.52 2.22 0.00	36.67 2.01 0.00	32.17 1.50 0.00	29.91 1.42 0.00	27.29 1.10 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.75 1.30 0.00	22.28 1.16 0.00	20.87 1.11 0.00	20.35 1.02 0.00	20.83 1.07 0.00	23.14 1.21 0.00	32.18 1.68 0.00	36.23 2.18 0.00	32.97 2.39 0.00	29.84 2.16 0.00	30.44 2.07 0.00	30.52 2.05 0.00	30.83 2.12 0.00	31.33 2.16 0.00	32.05 2.18 0.00	34.35 2.31 0.00	39.43 2.61 0.00	42.68 2.68 0.00	46.44 2.71 0.00	40.52 2.22 0.00	36.67 2.01 0.00	32.17 1.50 0.00	29.91 1.42 0.00	27.29 1.10 0.00
WHITEHAL_115KV_TB1 80871	24.54 2.09 0.00	23.12 2.01 0.00	21.53 1.76 0.00	21.01 1.68 0.00	21.50 1.74 0.00	23.91 1.97 0.00	32.92 2.41 0.00	36.88 2.83 0.00	33.27 2.69 0.00	29.98 2.30 0.00	30.36 1.99 0.00	30.38 1.91 0.00	30.46 1.75 0.00	30.78 1.60 0.00	31.57 1.70 0.00	33.93 1.89 0.00	39.13 2.32 0.00	43.00 3.00 0.00	47.14 3.41 0.00	41.02 2.72 0.00	37.02 2.36 0.00	32.66 1.99 0.00	30.25 1.77 0.00	27.71 1.52 0.00
WHITEPLN_13_KV_LOAD 356215	24.05 1.59 0.00	22.53 1.41 0.00	21.09 1.32 0.00	20.58 1.26 0.00	21.04 1.28 0.00	23.38 1.45 0.00	32.58 2.07 0.00	36.74 2.69 0.00	33.49 2.91 0.00	30.32 2.63 0.00	30.92 2.55 0.00	31.01 2.53 0.00	31.29 2.58 0.00	31.83 2.65 0.00	32.59 2.72 0.00	34.92 2.88 0.00	40.09 3.28 0.00	43.28 3.28 0.00	47.09 3.37 0.00	41.06 2.76 0.00	37.19 2.53 0.00	32.60 1.93 0.00	30.28 1.79 0.00	27.64 1.44 0.00
WM_FLOYD_69_KV_BK2 356380	24.85 2.40 0.00	23.04 1.92 0.00	21.56 1.80 0.00	20.87 1.55 0.00	21.36 1.60 0.00	23.98 2.04 0.00	32.73 2.23 0.00	36.40 2.35 0.00	33.97 3.39 0.00	31.06 3.38 0.00	31.61 3.23 -0.01	31.70 3.22 -0.01	31.87 3.16 0.00	32.29 3.12 0.00	32.77 2.90 0.00	34.86 2.82 0.00	40.16 3.35 0.00	43.92 3.92 0.00	47.40 3.67 0.00	40.79 2.49 0.00	36.81 2.15 0.00	32.88 2.21 0.00	30.79 2.31 0.00	28.08 1.89 0.00
WOODARD___115KV_TB2 355635	22.00 -0.45 0.00	20.70 -0.42 0.00	19.37 -0.40 0.00	18.94 -0.39 0.00	19.36 -0.40 0.00	21.52 -0.42 0.00	30.02 -0.49 0.00	33.37 -0.68 0.00	30.03 -0.55 0.00	27.21 -0.47 0.00	27.75 -0.62 0.00	27.87 -0.60 0.00	28.11 -0.60 0.00	28.59 -0.58 0.00	29.24 -0.63 0.00	31.37 -0.67 0.00	36.04 -0.77 0.00	39.16 -0.84 0.00	42.81 -0.92 0.00	37.57 -0.73 0.00	33.90 -0.76 0.00	30.02 -0.64 0.00	27.91 -0.57 0.00	25.70 -0.50 0.00
YORK___WARBASSE 23770	24.27 1.82 0.00	22.72 1.60 0.00	21.25 1.48 0.00	20.68 1.35 0.00	21.14 1.38 0.00	23.47 1.54 0.00	32.55 2.04 0.00	36.71 2.66 0.00	33.45 2.87 0.00	30.34 2.66 0.00	30.98 2.61 0.00	31.04 2.56 0.00	31.41 2.70 0.00	31.94 2.77 0.00	32.71 2.84 0.00	34.99 2.95 0.00	40.02 3.20 0.00	43.12 3.12 0.00	46.87 3.15 0.00	40.83 2.53 0.00	37.23 2.57 0.00	32.60 1.93 0.00	30.45 1.97 0.00	27.79 1.60 0.00