

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/21/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.01	36.80	35.62	35.54	35.68	39.97	53.72	64.09	57.07	47.36	40.48	37.31	34.38	32.89	32.02	32.60	34.68	41.10	53.07	60.29	54.79	48.04	41.85	38.66
24138	1.54	1.48	1.40	1.40	1.54	1.87	2.83	3.66	3.46	3.20	2.75	2.63	2.43	2.35	2.51	2.47	2.54	2.94	3.75	4.57	3.58	2.85	2.37	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	1.64	2.67	2.12	0.92	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	39.12	36.87	35.68	35.64	35.74	40.05	53.78	64.09	57.06	47.22	40.44	37.24	34.29	32.79	31.94	32.54	34.61	40.99	52.93	60.23	54.84	48.13	41.97	38.69
24260	1.65	1.55	1.47	1.50	1.60	1.94	2.89	3.66	3.46	3.06	2.72	2.57	2.33	2.26	2.42	2.41	2.47	2.82	3.60	4.51	3.64	2.94	2.49	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	1.64	2.67	2.12	0.92	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	39.12	36.87	35.68	35.64	35.74	40.05	53.78	64.09	57.06	47.22	40.44	37.24	34.29	32.79	31.94	32.54	34.61	40.99	52.93	60.23	54.84	48.13	41.97	38.69
24261	1.65	1.55	1.47	1.50	1.60	1.94	2.89	3.66	3.46	3.06	2.72	2.57	2.33	2.26	2.42	2.41	2.47	2.82	3.60	4.51	3.64	2.94	2.49	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	1.64	2.67	2.12	0.92	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	38.52	36.23	35.10	35.03	35.13	39.36	52.92	63.07	56.11	45.89	39.01	35.65	32.75	31.24	30.22	30.86	33.10	39.46	51.35	58.39	53.30	47.91	41.81	38.66
24011	1.05	0.92	0.89	0.89	0.99	1.26	2.00	2.59	2.45	1.71	1.28	0.97	0.80	0.70	0.71	0.72	0.96	1.30	2.02	2.67	2.10	2.71	2.33	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	1.61	2.61	2.07	0.90	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	38.56	36.27	35.10	35.03	35.16	39.36	53.03	63.20	56.22	45.89	39.01	35.61	32.69	31.18	30.20	30.83	33.07	39.46	51.49	58.56	53.40	48.04	41.93	38.77
23798	1.09	0.95	0.89	0.89	1.02	1.26	2.10	2.71	2.56	1.71	1.28	0.94	0.74	0.64	0.68	0.69	0.93	1.30	2.17	2.84	2.20	2.85	2.45	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	1.61	2.61	2.07	0.90	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	38.52	36.23	35.10	35.03	35.13	39.36	52.92	63.07	56.11	45.89</														

ALBANY___2 23572	37.85 0.37 0.00	35.63 0.32 0.00	34.56 0.34 0.00	34.52 0.38 0.00	34.62 0.48 0.00	38.60 0.50 0.00	51.57 0.63 1.59	61.21 0.69 2.58	54.46 0.78 2.05	44.95 0.77 0.89	38.33 0.60 0.00	35.37 0.69 0.00	32.59 0.64 0.00	31.24 0.70 0.00	30.25 0.74 0.00	30.89 0.75 0.00	32.88 0.74 0.00	38.81 0.65 0.00	50.16 0.84 0.00	56.94 1.23 0.00	52.02 0.82 0.00	45.96 0.77 0.00	40.16 0.67 0.00	37.19 0.66 0.00
ALBANY___3 23573	37.85 0.37 0.00	35.63 0.32 0.00	34.56 0.34 0.00	34.52 0.38 0.00	34.62 0.48 0.00	38.60 0.50 0.00	51.57 0.63 1.59	61.21 0.69 2.58	54.46 0.78 2.05	44.95 0.77 0.89	38.33 0.60 0.00	35.37 0.69 0.00	32.59 0.64 0.00	31.24 0.70 0.00	30.25 0.74 0.00	30.89 0.75 0.00	32.88 0.74 0.00	38.81 0.65 0.00	50.16 0.84 0.00	56.94 1.23 0.00	52.02 0.82 0.00	45.96 0.77 0.00	40.16 0.67 0.00	37.19 0.66 0.00
ALBANY___4 23574	37.85 0.37 0.00	35.63 0.32 0.00	34.56 0.34 0.00	34.52 0.38 0.00	34.62 0.48 0.00	38.60 0.50 0.00	51.57 0.63 1.59	61.21 0.69 2.58	54.46 0.78 2.05	44.95 0.77 0.89	38.33 0.60 0.00	35.37 0.69 0.00	32.59 0.64 0.00	31.24 0.70 0.00	30.25 0.74 0.00	30.89 0.75 0.00	32.88 0.74 0.00	38.81 0.65 0.00	50.16 0.84 0.00	56.94 1.23 0.00	52.02 0.82 0.00	45.96 0.77 0.00	40.16 0.67 0.00	37.19 0.66 0.00
ALBANY___LFGE 323615	38.11 0.64 0.00	35.88 0.56 0.00	34.79 0.58 0.00	34.72 0.58 0.00	34.82 0.68 0.00	38.91 0.80 0.00	51.93 1.00 1.60	61.77 1.26 2.59	54.95 1.28 2.06	45.26 1.08 0.89	38.63 0.90 0.00	35.61 0.94 0.00	32.78 0.83 0.00	31.42 0.89 0.00	30.43 0.92 0.00	31.04 0.90 0.00	33.10 0.96 0.00	39.12 0.95 0.00	50.56 1.23 0.00	57.44 1.73 0.00	52.43 1.23 0.00	46.28 1.08 0.00	40.47 0.99 0.00	37.45 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	37.59 0.11 0.00	35.39 0.07 0.00	34.32 0.10 0.00	34.11 -0.03 0.00	34.04 -0.10 0.00	39.35 -0.19 -1.43	53.44 -0.42 -1.33	63.61 -0.44 -0.95	56.11 -0.56 -0.94	45.87 -0.54 -1.34	37.46 -0.26 0.00	34.33 -0.35 0.00	31.66 -0.32 -0.03	31.06 -0.31 -0.83	30.03 -0.30 -0.81	30.56 -0.39 -0.82	32.55 -0.45 -0.86	37.59 -0.57 0.00	48.68 -0.64 0.00	54.60 -1.11 0.00	50.79 -0.41 0.00	45.01 -0.18 0.00	39.33 -0.16 0.00	36.43 -0.11 0.00
ALCOA_RYNLDS___DRP 24188	37.59 0.11 0.00	35.39 0.07 0.00	34.32 0.10 0.00	34.11 -0.03 0.00	34.04 -0.10 0.00	39.35 -0.19 -1.43	53.44 -0.42 -1.33	63.61 -0.44 -0.95	56.11 -0.56 -0.94	45.87 -0.54 -1.34	37.46 -0.26 0.00	34.33 -0.35 0.00	31.66 -0.32 -0.03	31.06 -0.31 -0.83	30.03 -0.30 -0.81	30.56 -0.39 -0.82	32.55 -0.45 -0.86	37.59 -0.57 0.00	48.68 -0.64 0.00	54.60 -1.11 0.00	50.79 -0.41 0.00	45.01 -0.18 0.00	39.33 -0.16 0.00	36.43 -0.11 0.00
ALCOA___DSASP 323711	37.59 0.11 0.00	35.39 0.07 0.00	34.32 0.10 0.00	34.11 -0.03 0.00	34.04 -0.10 0.00	39.35 -0.19 -1.43	53.44 -0.42 -1.33	63.61 -0.44 -0.95	56.11 -0.56 -0.94	45.87 -0.54 -1.34	37.46 -0.26 0.00	34.33 -0.35 0.00	31.66 -0.32 -0.03	31.06 -0.31 -0.83	30.03 -0.30 -0.81	30.56 -0.39 -0.82	32.55 -0.45 -0.86	37.59 -0.57 0.00	48.68 -0.64 0.00	54.60 -1.11 0.00	50.85 -0.36 0.00	45.01 -0.18 0.00	39.33 -0.16 0.00	36.43 -0.11 0.00
ALLEGHENY___COGEN 23514	37.29 -0.19 0.00	35.21 -0.11 0.00	34.04 -0.17 0.00	34.21 0.07 0.00	34.34 0.21 0.00	38.94 0.84 0.01	49.57 1.05 4.01	57.41 0.82 6.51	50.00 -0.56 5.17	41.58 -1.26 2.23	36.06 -1.66 0.00	33.05 -1.63 0.00	30.14 -1.82 0.00	28.61 -1.92 0.00	27.21 -2.30 0.00	28.02 -2.11 0.00	30.24 -1.90 0.00	36.87 -1.30 0.00	49.23 -0.10 0.00	56.66 0.95 0.00	51.61 0.41 0.00	45.06 -0.14 0.00	39.25 -0.24 0.00	36.21 -0.33 0.00
ALTAMONT_115KV_TB 2 55880	38.11 0.64 0.00	35.92 0.60 0.00	34.80 0.58 0.00	34.72 0.58 0.00	34.82 0.68 0.00	38.90 0.80 0.00	52.00 1.05 1.58	61.79 1.26 2.57	54.91 1.23 2.04	45.23 1.04 0.88	38.59 0.87 0.00	35.51 0.83 0.00	32.72 0.77 0.00	31.30 0.76 0.00	30.31 0.80 0.00	30.95 0.81 0.00	33.01 0.87 0.00	39.08 0.92 0.00	50.56 1.23 0.00	57.39 1.67 0.00	52.43 1.23 0.00	46.32 1.13 0.00	40.47 0.99 0.00	37.41 0.88 0.00
ALTONA_WT_PWR 323606	36.50 -0.97 0.00	34.36 -0.95 0.00	33.22 -0.99 0.00	32.61 -1.54 0.00	32.16 -1.98 0.00	-6.58 -2.44 42.25	-6.42 -3.36 55.59	-6.37 -4.10 65.36	-6.44 -3.84 58.33	-6.55 -3.07 48.56	35.31 -2.42 0.00	32.39 -2.29 0.00	28.68 -2.17 1.10	-6.76 -2.02 35.28	-6.76 -1.89 34.39	-6.76 -1.99 34.90	-6.71 -2.22 36.63	35.57 -2.60 0.00	46.61 -2.71 0.00	52.76 -2.95 0.00	49.26 -1.95 0.00	44.29 -0.90 0.00	38.58 -0.91 0.00	35.66 -0.88 0.00
AMERICAN_REF_FUEL 24010	34.92 -2.55 0.00	32.95 -2.37 0.00	31.82 -2.40 0.00	32.06 -2.08 0.00	32.29 -1.84 0.00	36.61 -1.49 0.01	45.15 -3.10 4.28	51.62 -4.54 6.94	45.53 -4.68 5.52	38.86 -3.83 2.38	34.44 -3.28 0.00	31.69 -2.98 0.00	28.89 -3.07 0.00	27.39 -3.14 0.00	25.91 -3.60 0.00	26.64 -3.49 0.00	28.67 -3.47 0.00	34.31 -3.85 0.00	44.74 -4.59 0.00	50.76 -4.96 0.00	46.19 -5.02 0.00	40.40 -4.79 0.00	35.69 -3.79 0.00	33.39 -3.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.79 -1.69 0.00	33.80 -1.52 0.00	32.81 -1.40 0.00	33.22 -0.92 0.00	33.59 -0.55 0.00	38.25 0.15 0.01	47.34 -1.11 4.09	54.70 -1.77 6.63	48.40 -2.06 5.27	40.81 -1.98 2.28	36.63 -1.10 0.00	33.67 -1.01 0.00	30.55 -1.41 0.00	28.89 -1.65 0.00	27.24 -2.27 0.00	27.96 -2.17 0.00	30.08 -2.06 0.00	36.30 -1.87 0.00	47.55 -1.77 0.00	53.93 -1.79 0.00	48.49 -2.72 0.00	41.94 -3.25 0.00	36.76 -2.72 0.00	34.27 -2.27 0.00
ARTHUR KILL_GT_1 23520	53.23 1.91 -13.85	52.57 1.80 -15.45	52.53 1.71 -16.60	52.56 1.74 -16.68	39.94 1.84 -3.96	53.23 2.09 -13.03	54.01 2.73 1.25	63.83 3.40 2.67	57.74 3.17 1.17	57.21 2.89 -9.25	55.18 2.45 -15.01	55.14 2.32 -18.14	55.16 2.14 -21.07	56.57 2.08 -23.96	56.60 2.27 -24.81	56.57 2.23 -24.21	57.39 2.32 -22.93	57.93 2.67 -17.10	58.02 3.50 -5.19	60.57 4.51 -0.34	58.52 3.58 -3.74	57.96 2.85 -9.91	56.69 2.57 -14.64	53.96 2.27 -15.16
ARTHUR_KILL_2 23512	53.12 1.80 -13.85	52.46 1.70 -15.45	52.46 1.64 -16.60	52.46 1.64 -16.68	39.84 1.74 -3.96	53.12 1.98 -13.03	53.85 2.57 1.25	63.64 3.22 2.67	57.57 3.01 1.17	57.07 2.75 -9.25	55.07 2.34 -15.01	55.07 2.25 -18.14	55.07 2.05 -21.07	56.51 2.01 -23.96	56.51 2.18 -24.81	56.51 2.17 -24.21	57.32 2.25 -22.93	57.82 2.56 -17.10	57.82 3.31 -5.19	60.35 4.29 -0.34	58.32 3.38 -3.74	57.82 2.71 -9.91	56.57 2.45 -14.64	53.85 2.16 -15.16
ARTHUR_KILL_3 23513	52.55 1.23 -13.84	51.89 1.13 -15.44	51.90 1.09 -16.60	51.91 1.09 -16.67	39.28 1.19 -3.95	52.62 1.48 -13.02	53.58 2.31 1.26	63.27 2.84 2.67	57.34 2.79 1.18	56.83 2.52 -9.24	54.99 2.26 -15.00	55.00 2.19 -18.13	55.00 1.98 -21.06	56.41 1.92 -23.95	56.47 2.15 -24.80	56.47 2.14 -24.20	57.22 2.15 -22.92	57.64 2.37 -17.11	57.53 3.01 -5.20	59.96 3.90 -0.35	58.02 3.07 -3.75	57.49 2.39 -9.91	56.13 2.01 -14.63	53.48 1.79 -15.15

ARTHUR_KILL_COGEN 323718	53.23 1.91 -13.85	52.57 1.80 -15.45	52.53 1.71 -16.60	52.56 1.74 -16.68	39.94 1.84 -3.96	53.23 2.09 -13.03	54.01 2.73 1.25	63.83 3.40 2.67	57.74 3.17 1.17	57.21 2.89 -9.25	55.18 2.45 -15.01	55.14 2.32 -18.14	55.16 2.14 -21.07	56.57 2.08 -23.96	56.60 2.27 -24.81	56.57 2.23 -24.21	57.39 2.32 -22.93	57.93 2.67 -17.10	58.02 3.50 -5.19	60.57 4.51 -0.34	58.52 3.58 -3.74	57.96 2.85 -9.91	56.69 2.57 -14.64	53.96 2.27 -15.16
ASHOKAN____ 23654	39.38 1.91 0.00	37.12 1.80 0.00	35.92 1.71 0.00	35.85 1.71 0.00	35.95 1.81 0.00	40.31 2.21 0.00	54.28 3.36 1.61	64.01 3.53 2.62	56.49 2.84 2.08	46.15 1.98 0.90	39.08 1.36 0.00	35.86 1.18 0.00	32.91 0.96 0.00	31.48 0.95 0.00	30.58 1.06 0.00	31.28 1.14 0.00	33.36 1.22 0.00	39.73 1.57 0.00	52.09 2.76 0.00	59.67 3.96 0.00	54.17 2.97 0.00	47.72 2.53 0.00	41.73 2.25 0.00	38.77 2.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.83 1.35 -0.01	36.63 1.31 -0.01	35.49 1.27 -0.01	35.41 1.26 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.35 2.47 1.65	63.51 3.09 2.67	56.61 3.01 2.13	46.90 2.75 0.92	40.17 2.45 0.01	37.06 2.39 0.01	34.15 2.20 0.01	32.70 2.17 0.01	31.84 2.33 0.01	32.45 2.32 0.01	34.51 2.38 0.01	40.75 2.60 0.01	52.62 3.31 0.01	59.89 4.18 0.01	54.52 3.33 0.01	47.85 2.67 0.01	41.66 2.17 -0.01	38.41 1.86 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	38.83 1.35 -0.01	36.63 1.31 -0.01	35.49 1.27 -0.01	35.41 1.26 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.35 2.47 1.65	63.51 3.09 2.67	56.61 3.01 2.13	46.90 2.75 0.92	40.17 2.45 0.01	37.06 2.39 0.01	34.15 2.20 0.01	32.70 2.17 0.01	31.84 2.33 0.01	32.45 2.32 0.01	34.51 2.38 0.01	40.75 2.60 0.01	52.62 3.31 0.01	59.89 4.18 0.01	54.52 3.33 0.01	47.85 2.67 0.01	41.66 2.17 -0.01	38.41 1.86 -0.01
ASTORIA_GT2_1 24094	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT2_2 24095	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT2_3 24096	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT2_4 24097	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT3_1 24098	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT3_2 24099	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT3_3 24100	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT3_4 24101	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT4_1 24102	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT4_2 24103	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT4_3 24104	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01

ASTORIA_GT4_4 24105	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.58 3.15 2.67	56.67 3.07 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.87 2.36 0.01	32.45 2.32 0.01	34.54 2.41 0.01	40.79 2.63 0.01	52.62 3.30 0.01	59.83 4.12 0.01	54.52 3.33 0.01	47.90 2.71 0.01	41.74 2.25 -0.01	38.41 1.86 -0.01
ASTORIA_GT_1 23523	38.90 1.42 -0.01	36.70 1.38 -0.01	35.55 1.33 -0.01	35.48 1.33 -0.01	35.61 1.47 -0.01	39.79 1.67 0.00	53.45 2.57 1.65	63.70 3.28 2.67	56.72 3.12 2.13	47.04 2.89 0.92	40.24 2.53 0.01	37.13 2.46 0.01	34.25 2.30 0.01	32.75 2.23 0.01	31.90 2.39 0.01	32.50 2.38 0.01	34.57 2.44 0.01	40.87 2.71 0.01	52.72 3.40 0.01	60.00 4.29 0.01	54.63 3.43 0.01	47.94 2.76 0.01	41.74 2.25 -0.01	38.48 1.94 -0.01
ASTORIA_GT_10 24110	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.60 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	55.01 2.68 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.77 2.42 -14.84	40.42 2.41 -7.88	49.57 2.47 -14.96	56.48 2.79 -15.53	59.10 3.55 -6.22	64.94 4.46 -4.76	57.28 3.64 -2.44	49.74 2.94 -1.61	42.55 2.53 -0.54	39.25 2.16 -0.56
ASTORIA_GT_11 24225	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.60 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	55.01 2.68 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.77 2.42 -14.84	40.42 2.41 -7.88	49.57 2.47 -14.96	56.48 2.79 -15.53	59.10 3.55 -6.22	64.94 4.46 -4.76	57.28 3.64 -2.44	49.74 2.94 -1.61	42.55 2.53 -0.54	39.25 2.16 -0.56
ASTORIA_GT_12 24226	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.60 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	55.01 2.68 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.77 2.42 -14.84	40.42 2.41 -7.88	49.57 2.47 -14.96	56.48 2.79 -15.53	59.10 3.55 -6.22	64.94 4.46 -4.76	57.28 3.64 -2.44	49.74 2.94 -1.61	42.55 2.53 -0.54	39.25 2.16 -0.56
ASTORIA_GT_13 24227	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.60 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	55.01 2.68 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.77 2.42 -14.84	40.42 2.41 -7.88	49.57 2.47 -14.96	56.48 2.79 -15.53	59.10 3.55 -6.22	64.94 4.46 -4.76	57.28 3.64 -2.44	49.74 2.94 -1.61	42.55 2.53 -0.54	39.25 2.16 -0.56
ASTORIA_GT_5 24106	38.90 1.42 -0.01	36.70 1.38 -0.01	35.56 1.33 -0.01	35.48 1.33 -0.01	35.61 1.47 -0.01	39.79 1.68 0.00	53.50 2.63 1.65	63.71 3.28 2.67	56.78 3.18 2.13	47.03 2.88 0.92	40.28 2.57 0.01	37.17 2.50 0.01	34.25 2.30 0.01	32.76 2.23 0.01	31.90 2.39 0.01	32.51 2.38 0.01	34.57 2.44 0.01	40.87 2.71 0.01	52.72 3.40 0.01	59.94 4.23 0.01	54.63 3.43 0.01	47.99 2.80 0.01	41.82 2.33 -0.01	38.44 1.90 -0.01
ASTORIA_GT_7 24107	38.90 1.42 -0.01	36.70 1.38 -0.01	35.56 1.33 -0.01	35.48 1.33 -0.01	35.61 1.47 -0.01	39.79 1.68 0.00	53.50 2.63 1.65	63.71 3.28 2.67	56.78 3.18 2.13	47.03 2.88 0.92	40.28 2.57 0.01	37.17 2.50 0.01	34.25 2.30 0.01	32.76 2.23 0.01	31.90 2.39 0.01	32.51 2.38 0.01	34.57 2.44 0.01	40.87 2.71 0.01	52.72 3.40 0.01	59.94 4.23 0.01	54.63 3.43 0.01	47.99 2.80 0.01	41.82 2.33 -0.01	38.44 1.90 -0.01
ASTORIA_GT_8 24108	38.90 1.42 -0.01	36.70 1.38 -0.01	35.56 1.33 -0.01	35.48 1.33 -0.01	35.61 1.47 -0.01	39.79 1.68 0.00	53.50 2.63 1.65	63.71 3.28 2.67	56.78 3.18 2.13	47.03 2.88 0.92	40.28 2.57 0.01	37.17 2.50 0.01	34.25 2.30 0.01	32.76 2.23 0.01	31.90 2.39 0.01	32.51 2.38 0.01	34.57 2.44 0.01	40.87 2.71 0.01	52.72 3.40 0.01	59.94 4.23 0.01	54.63 3.43 0.01	47.99 2.80 0.01	41.82 2.33 -0.01	38.44 1.90 -0.01
ASTORIA___2 24149	38.87 1.39 -0.01	36.63 1.31 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.55 1.40 -0.01	39.71 1.60 0.00	53.40 2.52 1.65	63.57 3.15 2.67	56.61 3.01 2.13	46.94 2.80 0.92	40.17 2.45 0.01	37.10 2.43 0.01	34.18 2.24 0.01	32.70 2.17 0.01	31.84 2.33 0.01	32.45 2.32 0.01	34.51 2.38 0.01	40.79 2.63 0.01	52.62 3.31 0.01	59.89 4.18 0.01	54.52 3.33 0.01	47.85 2.67 0.01	41.70 2.21 -0.01	38.41 1.86 -0.01
ASTORIA___3 23516	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.50 -0.01	35.65 1.50 -0.01	35.79 1.64 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.59 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	54.97 2.64 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.74 2.39 -14.84	40.39 2.38 -7.88	49.54 2.44 -14.96	56.48 2.78 -15.53	59.10 3.55 -6.22	64.99 4.51 -4.76	57.23 3.58 -2.44	49.70 2.89 -1.61	42.48 2.45 -0.54	39.25 2.16 -0.56
ASTORIA___4 23517	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.60 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	55.01 2.68 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.77 2.42 -14.84	40.42 2.41 -7.88	49.57 2.47 -14.96	56.48 2.79 -15.53	59.10 3.55 -6.22	64.94 4.46 -4.76	57.28 3.64 -2.44	49.74 2.94 -1.61	42.55 2.53 -0.54	39.25 2.16 -0.56
ASTORIA___5 23518	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.50 -0.01	35.65 1.50 -0.01	35.79 1.64 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.59 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	54.97 2.64 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.74 2.39 -14.84	40.39 2.38 -7.88	49.54 2.44 -14.96	56.48 2.78 -15.53	59.10 3.55 -6.22	64.99 4.51 -4.76	57.23 3.58 -2.44	49.70 2.89 -1.61	42.48 2.45 -0.54	39.25 2.16 -0.56
AST_ENERGY_2_CC3 323677	38.90 1.42 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.74 1.64 0.00	53.30 2.42 1.64	63.44 3.03 2.68	56.49 2.90 2.14	46.80 2.66 0.93	40.05 2.34 0.02	36.93 2.25 0.00	34.00 2.05 0.00	32.55 2.01 0.00	31.70 2.18 0.00	32.30 2.17 0.00	34.36 2.22 0.00	40.63 2.48 0.02	52.47 3.16 0.02	59.71 4.01 0.02	54.36 3.18 0.02	47.66 2.48 0.02	41.62 2.13 0.00	38.44 1.90 0.00
AST_ENERGY_2_CC4 323678	38.90 1.42 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.74 1.64 0.00	53.30 2.42 1.64	63.44 3.03 2.68	56.49 2.90 2.14	46.80 2.66 0.93	40.05 2.34 0.02	36.93 2.25 0.00	34.00 2.05 0.00	32.55 2.01 0.00	31.70 2.18 0.00	32.30 2.17 0.00	34.36 2.22 0.00	40.63 2.48 0.02	52.47 3.16 0.02	59.71 4.01 0.02	54.36 3.18 0.02	47.66 2.48 0.02	41.62 2.13 0.00	38.44 1.90 0.00

ATHENS_STG_1 23668	38.30 0.82 0.00	36.09 0.78 0.00	34.97 0.75 0.00	34.89 0.75 0.00	34.99 0.85 0.00	39.09 0.99 0.00	52.31 1.42 1.64	62.13 1.70 2.67	55.28 1.67 2.12	45.64 1.49 0.92	38.97 1.24 0.00	35.86 1.18 0.00	33.01 1.05 0.00	31.60 1.07 0.00	30.67 1.15 0.00	31.28 1.14 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.05 1.73 0.00	58.00 2.29 0.00	52.95 1.74 0.00	46.64 1.45 0.00	40.75 1.26 0.00	37.67 1.13 0.00
ATHENS_STG_2 23670	38.30 0.82 0.00	36.09 0.78 0.00	34.97 0.75 0.00	34.89 0.75 0.00	34.99 0.85 0.00	39.09 0.99 0.00	52.31 1.42 1.64	62.13 1.70 2.67	55.28 1.67 2.12	45.64 1.49 0.92	38.97 1.24 0.00	35.86 1.18 0.00	33.01 1.05 0.00	31.60 1.07 0.00	30.67 1.15 0.00	31.28 1.14 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.05 1.73 0.00	58.00 2.29 0.00	52.95 1.74 0.00	46.64 1.45 0.00	40.75 1.26 0.00	37.67 1.13 0.00
ATHENS_STG_3 23677	38.30 0.82 0.00	36.09 0.78 0.00	34.97 0.75 0.00	34.89 0.75 0.00	34.99 0.85 0.00	39.09 0.99 0.00	52.31 1.42 1.64	62.13 1.70 2.67	55.28 1.67 2.12	45.64 1.49 0.92	38.97 1.24 0.00	35.86 1.18 0.00	33.01 1.05 0.00	31.60 1.07 0.00	30.67 1.15 0.00	31.28 1.14 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.05 1.73 0.00	58.00 2.29 0.00	52.95 1.74 0.00	46.64 1.45 0.00	40.75 1.26 0.00	37.67 1.13 0.00
AUBURN___LFGE 323710	37.36 -0.11 0.00	35.24 -0.07 0.00	34.11 -0.10 0.00	34.14 0.00 0.00	34.14 0.00 0.00	38.22 0.11 0.01	49.95 0.37 2.95	58.76 0.44 4.78	52.21 0.28 3.80	43.34 -0.09 1.64	37.46 -0.26 0.00	34.37 -0.31 0.00	31.60 -0.35 0.00	30.14 -0.40 0.00	28.93 -0.59 0.00	29.62 -0.51 0.00	31.66 -0.48 0.00	38.05 -0.11 0.00	49.42 0.10 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.10 -0.09 0.00	39.25 -0.24 0.00	36.32 -0.22 0.00
BABYLON_RES_REC 323704	39.16 1.69 0.00	36.73 1.41 0.00	35.62 1.40 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.97 1.87 0.00	53.46 2.57 1.64	63.83 3.40 2.67	56.56 2.95 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.00 2.32 0.00	34.00 2.05 0.00	32.67 2.14 0.00	31.94 2.42 0.00	32.48 2.35 0.00	34.61 2.47 0.00	41.19 3.01 -0.01	52.78 3.45 0.00	60.17 4.46 0.00	54.53 3.33 0.00	48.36 3.16 0.00	42.21 2.72 0.00	38.84 2.30 0.00
BABYLON__69_KV_BK2 356345	39.50 2.02 0.00	37.01 1.70 0.00	35.89 1.68 0.00	35.75 1.60 0.00	35.88 1.74 0.00	40.31 2.21 0.00	54.04 3.15 1.64	64.65 4.23 2.67	57.18 3.57 2.12	47.36 3.20 0.92	40.55 2.83 0.00	37.28 2.60 0.00	34.22 2.27 0.00	32.92 2.38 0.00	32.20 2.69 0.00	32.72 2.59 0.00	34.94 2.80 0.00	41.64 3.47 0.00	53.27 3.95 0.00	60.79 5.07 0.00	55.10 3.89 0.00	48.99 3.80 0.00	42.64 3.16 0.00	39.31 2.78 0.00
BALL_HILL_WT_PWR 323825	36.16 -1.31 0.00	34.11 -1.20 0.00	33.05 -1.16 0.00	33.36 -0.78 0.00	33.63 -0.51 0.00	38.17 0.08 0.01	47.10 -1.31 4.12	54.26 -2.15 6.68	47.85 -2.56 5.32	40.43 -2.35 2.30	36.29 -1.43 0.00	33.36 -1.32 0.00	30.36 -1.60 0.00	28.76 -1.77 0.00	27.18 -2.33 0.00	27.93 -2.20 0.00	30.02 -2.12 0.00	36.14 -2.02 0.00	47.30 -2.02 0.00	53.76 -1.95 0.00	48.70 -2.51 0.00	42.30 -2.89 0.00	37.19 -2.29 0.00	34.67 -1.86 0.00
BARON_WINDS___WT_PWR 323822	35.90 -1.57 0.00	33.83 -1.48 0.00	32.74 -1.47 0.00	32.91 -1.23 0.00	33.12 -1.02 0.00	37.49 -0.61 0.01	47.44 -1.47 3.62	55.01 -2.21 5.87	48.38 -2.67 4.67	40.49 -2.57 2.02	35.61 -2.11 0.00	32.74 -1.94 0.00	29.91 -2.05 0.00	28.46 -2.08 0.00	27.04 -2.48 0.00	27.81 -2.32 0.00	29.82 -2.31 0.00	36.14 -2.02 0.00	47.80 -1.53 0.00	54.71 -1.00 0.00	49.67 -1.53 0.00	43.34 -1.85 0.00	37.83 -1.66 0.00	35.11 -1.43 0.00
BARRETT_IC_1 23704	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_10 23701	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_11 23702	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_12 23703	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_2 23705	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_3 23706	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_4 23707	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00

BARRETT_IC_5 23708	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_6 23709	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_7 23710	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.46 2.57 1.64	63.64 3.22 2.67	56.56 2.95 2.12	47.00 2.84 0.92	40.25 2.53 0.00	37.04 2.36 0.00	34.03 2.08 0.00	32.61 2.08 0.00	31.88 2.36 0.00	32.45 2.32 0.00	34.58 2.44 0.00	41.10 2.94 0.00	52.58 3.26 0.00	59.84 4.12 0.00	54.38 3.17 0.00	48.27 3.07 0.00	42.09 2.61 0.00	38.84 2.30 0.00
BARRETT_IC_8 23711	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT_IC_9 23700	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT___1 23545	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BARRETT___2 23546	39.12 1.65 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.93 1.83 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.45 2.84 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.00 2.05 0.00	32.61 2.08 0.00	31.85 2.33 0.00	32.42 2.29 0.00	34.55 2.41 0.00	41.07 2.90 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.38 3.18 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.77 2.23 0.00
BATAVIA__115KV_TB1 55881	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	33.56 -0.58 0.00	33.73 -0.41 0.00	38.25 0.15 0.01	47.85 -0.32 4.36	55.26 -0.76 7.07	48.60 -1.50 5.62	41.11 -1.53 2.43	36.10 -1.62 0.00	33.08 -1.60 0.00	30.04 -1.92 0.00	28.58 -1.95 0.00	27.10 -2.42 0.00	27.75 -2.38 0.00	29.89 -2.25 0.00	35.99 -2.18 0.00	47.40 -1.92 0.00	54.10 -1.62 0.00	49.16 -2.05 0.00	42.75 -2.44 0.00	37.63 -1.86 0.00	34.93 -1.61 0.00
BAYONEEC___CTG1 323682	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BAYONEEC___CTG10 323750	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BAYONEEC___CTG2 323683	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BAYONEEC___CTG3 323684	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BAYONEEC___CTG4 323685	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BAYONEEC___CTG5 323686	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BAYONEEC___CTG6 323687	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00

BAYONEEC___CTG7 323688	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BAYONEEC___CTG8 323689	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BAYONEEC___CTG9 323749	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.52 3.09 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.36 2.23 0.00	34.39 2.25 0.00	40.68 2.52 0.00	52.53 3.20 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
BEACON___LESR 323632	38.30 0.82 0.00	36.06 0.74 0.00	34.97 0.75 0.00	34.93 0.79 0.00	34.99 0.85 0.00	39.09 0.99 0.00	52.30 1.36 1.59	62.22 1.70 2.58	55.35 1.67 2.05	45.49 1.31 0.89	38.78 1.05 0.00	35.72 1.04 0.00	32.91 0.96 0.00	31.51 0.98 0.00	30.52 1.00 0.00	31.16 1.03 0.00	33.23 1.09 0.00	39.31 1.14 0.00	50.90 1.58 0.00	57.83 2.12 0.00	52.74 1.53 0.00	46.55 1.35 0.00	40.71 1.23 0.00	37.67 1.13 0.00
BEAVER RIVER___HYD 24048	37.40 -0.07 0.00	35.24 -0.07 0.00	34.15 -0.07 0.00	34.04 -0.10 0.00	34.04 -0.10 0.00	40.50 -0.11 -2.51	54.07 0.05 -1.48	64.73 0.00 -1.63	57.09 -0.39 -1.75	46.27 -0.67 -1.87	36.93 -0.79 0.00	33.67 -1.01 0.00	31.09 -0.93 -0.06	31.54 -0.98 -1.98	30.48 -0.97 -1.93	31.19 -0.90 -1.96	33.30 -0.90 -2.06	37.48 -0.69 0.00	48.98 -0.34 0.00	55.94 0.22 0.00	51.41 0.21 0.00	45.29 0.09 0.00	39.37 -0.12 0.00	36.65 0.11 0.00
BEEBEE_GT_13 23619	36.39 -1.09 0.00	34.36 -0.95 0.00	33.22 -0.99 0.00	33.36 -0.79 0.00	33.42 -0.72 0.00	37.64 -0.46 0.01	47.40 -0.63 4.50	54.84 -0.95 7.30	48.58 -1.34 5.81	41.26 -1.31 2.51	36.21 -1.51 0.00	33.26 -1.42 0.00	30.39 -1.57 0.00	28.95 -1.59 0.00	27.63 -1.89 0.00	28.26 -1.87 0.00	30.31 -1.83 0.00	36.37 -1.79 0.00	47.50 -1.83 0.00	53.99 -1.73 0.00	49.21 -2.00 0.00	43.03 -2.17 0.00	37.75 -1.74 0.00	35.00 -1.53 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.42 2.10 -13.85	52.71 1.94 -15.45	52.70 1.88 -16.60	52.70 1.88 -16.68	40.08 1.98 -3.96	53.50 2.36 -13.03	54.64 3.36 1.25	64.65 4.23 2.67	58.58 3.90 1.05	65.97 3.47 -17.43	69.77 2.98 -29.06	71.78 2.81 -34.30	74.59 2.56 -40.08	78.30 2.47 -45.29	70.91 2.66 -38.74	63.95 2.62 -31.19	71.91 2.73 -37.04	96.59 3.17 -55.26	96.65 4.09 -43.23	96.63 5.13 -35.79	96.61 4.15 -41.26	59.74 3.39 -11.16	57.04 2.92 -14.64	54.22 2.52 -15.16
BETHLEHEM___GRP 23843	37.85 0.37 0.00	35.63 0.32 0.00	34.56 0.34 0.00	34.52 0.38 0.00	34.62 0.48 0.00	38.60 0.50 0.00	51.57 0.63 1.59	61.21 0.69 2.58	54.46 0.78 2.05	44.95 0.77 0.89	38.33 0.60 0.00	35.37 0.69 0.00	32.59 0.64 0.00	31.24 0.70 0.00	30.25 0.74 0.00	30.89 0.75 0.00	32.88 0.74 0.00	38.81 0.65 0.00	50.16 0.84 0.00	56.94 1.23 0.00	52.02 0.82 0.00	45.96 0.77 0.00	40.16 0.67 0.00	37.19 0.66 0.00
BETHLEHEM___GS1 323560	37.85 0.37 0.00	35.63 0.32 0.00	34.56 0.34 0.00	34.52 0.38 0.00	34.58 0.44 0.00	38.60 0.49 0.00	51.57 0.63 1.59	61.27 0.76 2.58	54.46 0.78 2.05	44.90 0.72 0.89	38.32 0.60 0.00	35.37 0.69 0.00	32.59 0.64 0.00	31.24 0.70 0.00	30.25 0.74 0.00	30.89 0.75 0.00	32.88 0.74 0.00	38.81 0.65 0.00	50.16 0.84 0.00	56.94 1.22 0.00	52.02 0.82 0.00	45.92 0.72 0.00	40.16 0.67 0.00	37.16 0.62 0.00
BETHLEHEM___GS2 323561	37.85 0.37 0.00	35.63 0.32 0.00	34.56 0.34 0.00	34.52 0.38 0.00	34.58 0.44 0.00	38.60 0.49 0.00	51.57 0.63 1.59	61.27 0.76 2.58	54.46 0.78 2.05	44.90 0.72 0.89	38.32 0.60 0.00	35.37 0.69 0.00	32.59 0.64 0.00	31.24 0.70 0.00	30.25 0.74 0.00	30.89 0.75 0.00	32.88 0.74 0.00	38.81 0.65 0.00	50.16 0.84 0.00	56.94 1.22 0.00	52.02 0.82 0.00	45.92 0.72 0.00	40.16 0.67 0.00	37.16 0.62 0.00
BETHLEHEM___GS3 323562	37.85 0.37 0.00	35.63 0.32 0.00	34.56 0.34 0.00	34.52 0.38 0.00	34.58 0.44 0.00	38.60 0.49 0.00	51.57 0.63 1.59	61.27 0.76 2.58	54.46 0.78 2.05	44.90 0.72 0.89	38.32 0.60 0.00	35.37 0.69 0.00	32.59 0.64 0.00	31.24 0.70 0.00	30.25 0.74 0.00	30.89 0.75 0.00	32.88 0.74 0.00	38.81 0.65 0.00	50.16 0.84 0.00	56.94 1.22 0.00	52.02 0.82 0.00	45.92 0.72 0.00	40.16 0.67 0.00	37.16 0.62 0.00
BETHLEHEM___STEEL 23779	36.09 -1.39 0.00	34.01 -1.31 0.00	32.88 -1.33 0.00	33.15 -0.99 0.00	33.39 -0.75 0.00	37.87 -0.23 0.01	46.44 -1.89 4.20	53.26 -3.03 6.80	46.97 -3.34 5.41	39.85 -2.88 2.34	35.72 -2.00 0.00	32.91 -1.77 0.00	29.85 -2.11 0.00	28.43 -2.11 0.00	26.83 -2.69 0.00	27.57 -2.56 0.00	29.66 -2.47 0.00	35.65 -2.52 0.00	46.51 -2.81 0.00	52.93 -2.79 0.00	48.08 -3.12 0.00	41.76 -3.43 0.00	36.88 -2.61 0.00	34.49 -2.05 0.00
BETHLHEM_115KV_TB1 79974	37.88 0.41 0.00	35.70 0.39 0.00	34.62 0.41 0.00	34.55 0.41 0.00	34.65 0.51 0.00	38.68 0.57 0.00	51.62 0.68 1.59	61.34 0.82 2.58	54.57 0.89 2.05	45.00 0.81 0.89	38.40 0.68 0.00	35.41 0.73 0.00	32.63 0.67 0.00	31.24 0.70 0.00	30.28 0.77 0.00	30.89 0.75 0.00	32.91 0.77 0.00	38.89 0.73 0.00	50.26 0.94 0.00	57.05 1.34 0.00	52.13 0.92 0.00	46.01 0.81 0.00	40.23 0.75 0.00	37.23 0.69 0.00
BETHPAGE_CC_5 323564	39.12 1.65 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.44 1.30 0.00	35.57 1.43 0.00	39.89 1.79 0.00	53.30 2.42 1.64	63.64 3.22 2.67	56.45 2.84 2.12	46.91 2.75 0.92	40.14 2.42 0.00	37.10 2.43 0.00	34.06 2.11 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.65 2.51 0.00	41.07 2.90 -0.01	52.63 3.31 0.00	60.01 4.29 0.00	54.43 3.23 0.00	48.22 3.03 0.00	42.05 2.57 0.00	38.80 2.27 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.12 -1.35 0.00	34.04 -1.27 0.00	32.91 -1.30 0.00	33.19 -0.96 0.00	33.42 -0.72 0.00	37.91 -0.19 0.01	46.31 -2.05 4.17	53.17 -3.15 6.77	46.89 -3.46 5.38	39.77 -2.97 2.32	35.84 -1.89 0.00	32.98 -1.70 0.00	29.91 -2.05 0.00	28.49 -2.05 0.00	26.89 -2.63 0.00	27.63 -2.50 0.00	29.73 -2.41 0.00	35.72 -2.44 0.00	46.66 -2.66 0.00	53.10 -2.62 0.00	48.23 -2.97 0.00	41.85 -3.34 0.00	37.00 -2.49 0.00	34.56 -1.97 0.00

BINGHAMTON___COGEN 23790	37.40 -0.07 0.00	35.28 -0.04 0.00	34.14 -0.07 0.00	34.18 0.03 0.00	34.24 0.10 0.00	38.41 0.30 0.01	49.79 0.21 2.95	58.38 0.06 4.78	51.82 -0.11 3.80	43.16 -0.27 1.64	37.50 -0.23 0.00	34.43 -0.24 0.00	31.60 -0.35 0.00	30.14 -0.40 0.00	28.96 -0.56 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	37.97 -0.19 0.00	49.37 0.05 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.01 -0.18 0.00	39.29 -0.20 0.00	36.43 -0.11 0.00
BIXINCNT_115KV_LOAD 355685	35.52 -1.95 0.00	33.37 -1.94 0.00	32.16 -2.05 0.00	32.43 -1.71 0.00	32.60 -1.54 0.00	37.22 -0.88 0.01	45.16 -3.31 4.06	52.16 -4.35 6.58	46.04 -4.46 5.23	38.98 -3.83 2.26	35.61 -2.11 0.00	32.91 -1.77 0.00	29.85 -2.11 0.00	28.40 -2.14 0.00	26.80 -2.72 0.00	27.54 -2.59 0.00	29.57 -2.57 0.00	35.72 -2.44 0.00	46.81 -2.52 0.00	53.49 -2.23 0.00	48.44 -2.77 0.00	41.80 -3.39 0.00	36.88 -2.61 0.00	34.38 -2.16 0.00
BLACK RIVER___HYD 24047	38.04 0.56 0.00	35.85 0.53 0.00	34.69 0.48 0.00	34.62 0.48 0.00	34.62 0.48 0.00	40.48 0.57 -1.80	53.97 1.10 -0.34	64.35 1.26 0.01	56.60 0.56 -0.32	45.97 -0.05 -0.94	37.35 -0.38 0.00	33.95 -0.73 0.00	31.33 -0.67 -0.04	31.17 -0.79 -1.42	30.08 -0.83 -1.39	30.85 -0.69 -1.41	32.94 -0.68 -1.48	38.01 -0.15 0.00	49.82 0.49 0.00	57.16 1.45 0.00	52.43 1.23 0.00	46.15 0.95 0.00	40.04 0.55 0.00	37.16 0.62 0.00
BLACKRVR_115KV_TB2 79977	38.03 0.56 0.00	35.85 0.53 0.00	34.69 0.48 0.00	34.62 0.48 0.00	34.62 0.48 0.00	40.48 0.57 -1.80	53.97 1.10 -0.34	64.35 1.26 0.01	56.60 0.56 -0.32	45.97 -0.05 -0.94	37.31 -0.41 0.00	33.95 -0.73 0.00	31.30 -0.70 -0.04	31.17 -0.79 -1.42	30.08 -0.83 -1.39	30.85 -0.69 -1.41	32.94 -0.67 -1.48	38.01 -0.15 0.00	49.82 0.49 0.00	57.16 1.45 0.00	52.43 1.23 0.00	46.10 0.90 0.00	40.00 0.51 0.00	37.16 0.62 0.00
BLISS_WT_PWR 323608	35.23 -2.25 0.00	33.05 -2.26 0.00	31.85 -2.36 0.00	32.13 -2.01 0.00	32.26 -1.88 0.00	36.92 -1.18 0.01	44.74 -3.73 4.06	51.71 -4.80 6.58	45.70 -4.79 5.23	38.76 -4.06 2.26	35.50 -2.23 0.00	32.80 -1.87 0.00	29.85 -2.11 0.00	28.28 -2.26 0.00	26.74 -2.78 0.00	27.42 -2.71 0.00	29.47 -2.67 0.00	35.61 -2.56 0.00	46.71 -2.62 0.00	53.32 -2.39 0.00	48.29 -2.92 0.00	41.80 -3.39 0.00	36.80 -2.69 0.00	34.27 -2.27 0.00
BLUESTONE___WT_PWR 323821	38.78 1.31 0.00	36.48 1.16 0.00	35.28 1.06 0.00	35.27 1.12 0.00	35.37 1.23 0.00	39.63 1.53 0.01	51.96 2.21 2.78	61.24 2.65 4.51	54.15 2.00 3.58	44.69 1.17 1.55	38.36 0.64 0.00	34.92 0.24 0.00	32.05 0.10 0.00	30.44 -0.09 0.00	29.31 -0.21 0.00	30.13 0.00 0.00	32.30 0.16 0.00	39.08 0.91 0.00	51.49 2.17 0.00	59.39 3.68 0.00	54.22 3.02 0.00	47.68 2.48 0.00	41.50 2.01 0.00	38.36 1.83 0.00
BLUE_CIRC_CHEM_DRP 24182	38.26 0.79 0.00	36.02 0.71 0.00	34.93 0.72 0.00	34.86 0.72 0.00	34.96 0.82 0.00	39.02 0.91 0.00	52.15 1.21 1.59	61.91 1.39 2.58	54.96 1.28 2.05	45.18 0.99 0.88	38.48 0.75 0.00	35.41 0.73 0.00	32.59 0.64 0.00	31.18 0.64 0.00	30.20 0.68 0.00	30.83 0.69 0.00	32.88 0.74 0.00	39.01 0.84 0.00	50.56 1.23 0.00	57.44 1.73 0.00	52.48 1.28 0.00	46.37 1.18 0.00	40.55 1.07 0.00	37.52 0.99 0.00
BOC_GAS_DRP 24189	38.03 0.56 0.00	35.81 0.49 0.00	34.73 0.51 0.00	34.65 0.51 0.00	34.75 0.61 0.00	38.79 0.69 0.00	51.84 0.89 1.58	61.60 1.07 2.57	54.75 1.06 2.04	45.14 0.95 0.88	38.51 0.79 0.00	35.47 0.80 0.00	32.69 0.73 0.00	31.27 0.73 0.00	30.31 0.80 0.00	30.95 0.81 0.00	32.97 0.84 0.00	39.01 0.84 0.00	50.41 1.09 0.00	57.22 1.50 0.00	52.28 1.08 0.00	46.14 0.95 0.00	40.35 0.87 0.00	37.30 0.77 0.00
BOONVILLE_115KV_TB1 79983	38.03 0.56 0.00	35.85 0.53 0.00	34.69 0.48 0.00	34.62 0.48 0.00	34.65 0.51 0.00	39.67 0.57 -0.99	52.74 1.00 0.79	62.70 1.20 1.59	55.54 0.89 1.09	45.50 0.45 0.03	37.91 0.19 0.00	34.64 -0.03 0.00	31.95 -0.03 -0.02	31.23 -0.09 -0.78	30.19 -0.09 -0.76	30.88 -0.03 -0.78	32.95 0.00 -0.81	38.39 0.23 0.00	49.97 0.64 0.00	57.00 1.28 0.00	52.23 1.02 0.00	46.01 0.81 0.00	40.04 0.55 0.00	37.19 0.66 0.00
BORALEX_4TH_BRANCH 23824	38.90 1.42 0.00	36.59 1.27 0.00	35.48 1.27 0.00	35.44 1.30 0.00	35.64 1.50 0.00	39.78 1.68 0.00	53.03 2.10 1.60	63.02 2.52 2.60	56.06 2.40 2.07	46.39 2.21 0.89	39.57 1.85 0.00	36.45 1.77 0.00	33.52 1.57 0.00	32.09 1.56 0.00	31.14 1.62 0.00	31.79 1.66 0.00	33.84 1.70 0.00	40.04 1.87 0.00	51.50 2.17 0.00	58.45 2.73 0.00	53.35 2.15 0.00	47.27 2.08 0.00	41.54 2.05 0.00	38.40 1.86 0.00
BOWLINE___1 23526	38.56 1.09 0.00	36.30 0.99 0.00	35.17 0.96 0.00	35.10 0.95 0.00	35.20 1.06 0.00	39.40 1.30 0.00	52.88 2.00 1.65	62.94 2.53 2.68	55.94 2.34 2.13	46.23 2.07 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.46 1.50 0.00	32.03 1.50 0.00	31.14 1.62 0.00	31.76 1.63 0.00	33.81 1.67 0.00	40.07 1.91 0.00	51.84 2.51 0.00	59.00 3.29 0.00	53.71 2.51 0.00	47.18 1.99 0.00	41.22 1.74 0.00	38.00 1.46 0.00
BOWLINE___2 23595	38.56 1.09 0.00	36.30 0.99 0.00	35.17 0.96 0.00	35.10 0.95 0.00	35.20 1.06 0.00	39.40 1.30 0.00	52.88 2.00 1.65	62.94 2.53 2.68	55.89 2.29 2.13	46.23 2.07 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.46 1.50 0.00	32.03 1.50 0.00	31.14 1.62 0.00	31.76 1.63 0.00	33.81 1.67 0.00	40.07 1.91 0.00	51.84 2.51 0.00	59.00 3.29 0.00	53.76 2.56 0.00	47.23 2.04 0.00	41.22 1.74 0.00	38.00 1.46 0.00
BRADY___115KV_TB2 356060	37.77 0.30 0.00	35.60 0.28 0.00	34.49 0.27 0.00	34.28 0.14 0.00	34.21 0.07 0.00	41.24 0.00 -3.14	55.82 -0.16 -3.45	66.93 -0.25 -4.09	58.82 -0.67 -3.76	47.67 -0.63 -3.23	37.35 -0.38 0.00	34.19 -0.49 0.00	31.55 -0.48 -0.07	32.35 -0.46 -2.27	31.29 -0.44 -2.22	31.87 -0.51 -2.25	33.95 -0.55 -2.36	37.55 -0.61 0.00	48.83 -0.49 0.00	54.88 -0.84 0.00	51.10 -0.10 0.00	45.28 0.09 0.00	39.52 0.04 0.00	36.61 0.07 0.00
BRANSCOMB___SOLAR 323811	38.64 1.16 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.16 1.02 0.00	35.30 1.16 0.00	39.47 1.37 0.00	52.92 2.00 1.61	63.02 2.53 2.60	56.05 2.39 2.07	45.93 1.76 0.89	39.08 1.36 0.00	35.79 1.11 0.00	32.88 0.93 0.00	31.39 0.85 0.00	30.40 0.88 0.00	31.04 0.90 0.00	33.23 1.09 0.00	39.58 1.41 0.00	51.30 1.98 0.00	58.33 2.62 0.00	53.20 1.99 0.00	47.36 2.17 0.00	41.42 1.93 0.00	38.33 1.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	39.31 1.84 0.00	36.83 1.52 0.00	35.75 1.54 0.00	35.61 1.47 0.00	35.74 1.60 0.00	40.16 2.06 0.00	53.78 2.89 1.64	64.34 3.91 2.67	57.01 3.40 2.12	47.22 3.06 0.92	40.44 2.72 0.00	37.17 2.50 0.00	34.13 2.17 0.00	32.83 2.29 0.00	32.11 2.60 0.00	32.63 2.50 0.00	34.81 2.67 0.00	41.49 3.32 0.00	52.98 3.65 0.00	60.45 4.74 0.00	54.79 3.58 0.00	48.76 3.57 0.00	42.49 3.00 0.00	39.20 2.67 0.00

BRISTLHL_115KV_TB1 79998	36.76 -0.71 0.00	34.71 -0.60 0.00	33.63 -0.58 0.00	33.59 -0.55 0.00	33.52 -0.61 0.00	37.46 -0.65 0.00	50.22 -0.79 1.52	59.68 -0.95 2.47	52.88 -0.89 1.96	43.37 -0.86 0.85	36.86 -0.87 0.00	33.84 -0.83 0.00	31.22 -0.73 0.00	29.80 -0.73 0.00	28.69 -0.83 0.00	29.35 -0.78 0.00	31.34 -0.80 0.00	37.55 -0.61 0.00	48.49 -0.84 0.00	55.10 -0.61 0.00	50.28 -0.92 0.00	44.29 -0.90 0.00	38.58 -0.91 0.00	35.77 -0.77 0.00
BROOKHAVEN___DRP 24191	38.71 1.24 0.00	36.27 0.95 0.00	35.21 0.99 0.00	35.03 0.89 0.00	35.16 1.02 0.00	39.48 1.37 0.00	52.83 1.94 1.64	63.33 2.90 2.67	56.01 2.40 2.12	46.54 2.39 0.92	39.80 2.07 0.00	36.58 1.91 0.00	33.59 1.63 0.00	32.55 2.02 0.00	31.88 2.36 0.00	32.27 2.14 0.00	34.32 2.19 0.00	40.95 2.79 0.00	52.09 2.76 0.00	59.45 3.73 0.00	53.87 2.66 0.00	48.00 2.80 0.00	41.93 2.45 0.00	38.69 2.16 0.00
BROOKLYN_NAVY_YARD 23515	38.86 1.39 0.00	36.62 1.31 0.00	35.48 1.27 0.00	35.41 1.26 0.00	35.51 1.37 0.00	39.78 1.67 0.00	53.46 2.57 1.64	63.71 3.28 2.67	56.73 3.12 2.12	47.00 2.84 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.42 2.29 0.00	34.48 2.34 0.00	40.80 2.63 0.00	52.68 3.36 0.00	60.01 4.29 0.00	54.64 3.43 0.00	47.86 2.67 0.00	41.69 2.21 0.00	38.47 1.94 0.00
BROOKLYN___ARMY_DRP 323595	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
BROOKVLE_69_KV_TB1 55790	39.31 1.84 0.00	36.87 1.55 0.00	35.75 1.54 0.00	35.64 1.50 0.00	35.74 1.60 0.00	40.12 2.02 0.00	53.83 2.94 1.64	64.28 3.85 2.67	57.01 3.40 2.12	47.22 3.06 0.92	40.48 2.75 0.00	37.24 2.57 0.00	34.22 2.27 0.00	32.79 2.26 0.00	32.05 2.54 0.00	32.63 2.50 0.00	34.77 2.64 0.00	41.33 3.17 0.00	53.02 3.70 0.00	60.40 4.68 0.00	54.84 3.64 0.00	48.58 3.39 0.00	42.29 2.80 0.00	39.02 2.48 0.00
BROOME_2_LFGE 323671	37.40 -0.07 0.00	35.28 -0.04 0.00	34.15 -0.07 0.00	34.18 0.03 0.00	34.24 0.10 0.00	38.40 0.30 0.01	49.79 0.21 2.95	58.38 0.06 4.78	51.82 -0.11 3.80	43.16 -0.27 1.64	37.50 -0.22 0.00	34.44 -0.24 0.00	31.60 -0.35 0.00	30.14 -0.40 0.00	28.95 -0.56 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	37.98 -0.19 0.00	49.37 0.05 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.06 -0.14 0.00	39.33 -0.16 0.00	36.43 -0.11 0.00
BROOME___LFGE 323600	37.40 -0.07 0.00	35.28 -0.04 0.00	34.15 -0.07 0.00	34.18 0.03 0.00	34.24 0.10 0.00	38.40 0.30 0.01	49.79 0.21 2.95	58.38 0.06 4.78	51.82 -0.11 3.80	43.16 -0.27 1.64	37.50 -0.22 0.00	34.44 -0.24 0.00	31.60 -0.35 0.00	30.14 -0.40 0.00	28.95 -0.56 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	37.98 -0.19 0.00	49.37 0.05 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.06 -0.14 0.00	39.33 -0.16 0.00	36.43 -0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	36.91 -0.56 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.53 -0.61 0.00	33.49 -0.65 0.00	41.78 -0.76 -4.43	55.98 -1.00 -4.44	67.55 -1.39 -5.84	59.61 -1.56 -5.44	48.00 -1.40 -4.32	36.48 -1.24 0.00	33.29 -1.39 0.00	30.79 -1.28 -0.11	32.78 -1.25 -3.50	31.69 -1.24 -3.41	32.33 -1.27 -3.46	34.46 -1.32 -3.64	36.83 -1.34 0.00	48.04 -1.28 0.00	54.49 -1.23 0.00	50.33 -0.87 0.00	44.47 -0.72 0.00	38.69 -0.79 0.00	35.95 -0.58 0.00
BROWNSV1_27_KV_LOAD 356125	39.16 1.69 0.00	36.87 1.55 0.00	35.72 1.51 0.00	35.64 1.50 0.00	35.74 1.60 0.00	40.05 1.94 0.00	53.83 2.94 1.64	64.15 3.72 2.67	57.12 3.51 2.12	47.27 3.11 0.92	40.48 2.75 0.00	37.28 2.60 0.00	34.32 2.36 0.00	32.83 2.29 0.00	32.00 2.48 0.00	32.57 2.44 0.00	34.65 2.51 0.00	41.03 2.86 0.00	53.02 3.70 0.00	60.34 4.62 0.00	54.94 3.74 0.00	48.22 3.03 0.00	42.05 2.57 0.00	38.73 2.19 0.00
BURROWS___LYONSDAL 23803	37.88 0.41 0.00	35.67 0.35 0.00	34.56 0.34 0.00	34.45 0.31 0.00	34.48 0.34 0.00	39.77 0.38 -1.29	52.92 0.74 0.34	63.02 0.88 0.96	55.76 0.56 0.53	45.60 0.18 -0.35	37.65 -0.08 0.00	34.40 -0.28 0.00	31.73 -0.26 -0.03	31.22 -0.34 -1.02	30.19 -0.32 -0.99	30.87 -0.27 -1.01	32.97 -0.22 -1.06	38.17 0.00 0.00	49.72 0.39 0.00	56.72 1.00 0.00	51.97 0.77 0.00	45.78 0.59 0.00	39.88 0.39 0.00	37.09 0.55 0.00
CAITHNESS_CC_1 323624	38.75 1.27 0.00	36.30 0.99 0.00	35.24 1.03 0.00	35.10 0.95 0.00	35.23 1.09 0.00	39.51 1.41 0.00	52.77 1.89 1.64	63.20 2.77 2.67	55.89 2.29 2.12	46.59 2.43 0.92	39.72 2.00 0.00	36.62 1.94 0.00	33.62 1.66 0.00	32.55 2.01 0.00	31.85 2.33 0.00	32.30 2.17 0.00	34.29 2.15 0.00	40.84 2.67 -0.01	52.14 2.81 0.00	59.56 3.84 0.00	53.92 2.71 0.00	47.91 2.71 0.00	41.89 2.41 0.00	38.44 1.90 0.00
CALPINE BETH_PAGE_GT4 24209	39.05 1.57 0.00	36.62 1.31 0.00	35.48 1.27 0.00	35.37 1.23 0.00	35.50 1.37 0.00	39.74 1.64 0.00	53.20 2.31 1.64	63.52 3.09 2.67	56.34 2.73 2.12	46.72 2.57 0.92	40.14 2.41 0.00	37.10 2.43 0.00	34.10 2.14 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.71 2.57 0.00	41.03 2.86 0.00	52.43 3.11 0.00	59.78 4.07 0.00	54.23 3.02 0.00	48.18 2.98 0.00	41.93 2.45 0.00	38.80 2.27 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.05 1.57 0.00	36.62 1.31 0.00	35.48 1.27 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.14 2.26 1.64	63.39 2.97 2.67	56.23 2.62 2.12	46.72 2.57 0.92	40.02 2.30 0.00	37.10 2.43 0.00	34.06 2.11 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.65 2.51 0.00	41.00 2.82 -0.01	52.43 3.11 0.00	59.78 4.07 0.00	54.22 3.02 0.00	48.04 2.85 0.00	41.89 2.41 0.00	38.73 2.19 0.00
CALPINE_BP_GT1 23823	39.05 1.57 0.00	36.62 1.31 0.00	35.48 1.27 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.14 2.26 1.64	63.39 2.97 2.67	56.23 2.62 2.12	46.72 2.57 0.92	40.02 2.30 0.00	37.10 2.43 0.00	34.06 2.11 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.65 2.51 0.00	41.00 2.82 -0.01	52.43 3.11 0.00	59.78 4.07 0.00	54.22 3.02 0.00	48.04 2.85 0.00	41.89 2.41 0.00	38.73 2.19 0.00
CALSPAN___DRP 24200	36.09 -1.39 0.00	34.01 -1.31 0.00	32.88 -1.33 0.00	33.15 -0.99 0.00	33.39 -0.75 0.00	37.87 -0.23 0.01	46.44 -1.89 4.20	53.26 -3.03 6.80	46.97 -3.34 5.41	39.85 -2.88 2.34	35.72 -2.00 0.00	32.91 -1.77 0.00	29.85 -2.11 0.00	28.43 -2.11 0.00	26.83 -2.69 0.00	27.57 -2.56 0.00	29.66 -2.47 0.00	35.65 -2.52 0.00	46.51 -2.81 0.00	52.93 -2.79 0.00	48.08 -3.12 0.00	41.76 -3.43 0.00	36.88 -2.61 0.00	34.49 -2.05 0.00

CALVERTON___SOLAR 323806	38.71 1.23 0.00	36.23 0.92 0.00	35.17 0.96 0.00	34.99 0.85 0.00	35.13 0.99 0.00	39.44 1.33 0.00	52.72 1.84 1.64	63.14 2.71 2.67	55.84 2.23 2.12	46.54 2.39 0.92	39.65 1.92 0.00	36.55 1.87 0.00	33.55 1.60 0.00	32.55 2.01 0.00	31.88 2.36 0.00	32.27 2.14 0.00	34.23 2.09 0.00	40.80 2.63 -0.01	52.09 2.76 0.00	59.51 3.79 0.00	53.81 2.61 0.00	47.81 2.62 0.00	41.85 2.37 0.00	38.36 1.83 0.00
CANDIGU_WT_PWR 323617	35.90 -1.57 0.00	33.83 -1.48 0.00	32.74 -1.47 0.00	32.91 -1.23 0.00	33.12 -1.02 0.00	37.49 -0.61 0.01	47.44 -1.47 3.62	55.01 -2.21 5.87	48.38 -2.67 4.67	40.49 -2.57 2.02	35.61 -2.11 0.00	32.74 -1.94 0.00	29.91 -2.05 0.00	28.46 -2.08 0.00	27.04 -2.48 0.00	27.81 -2.32 0.00	29.82 -2.31 0.00	36.14 -2.02 0.00	47.80 -1.53 0.00	54.71 -1.00 0.00	49.67 -1.53 0.00	43.34 -1.85 0.00	37.83 -1.66 0.00	35.11 -1.43 0.00
CARR STREET_E_SYR 24060	36.98 -0.49 0.00	34.93 -0.39 0.00	33.80 -0.41 0.00	33.80 -0.34 0.00	33.76 -0.37 0.00	37.72 -0.38 0.01	48.70 -0.42 3.41	57.05 -0.51 5.53	50.83 -0.50 4.40	42.63 -0.54 1.90	37.12 -0.61 0.00	34.12 -0.56 0.00	31.44 -0.51 0.00	29.99 -0.55 0.00	28.87 -0.65 0.00	29.53 -0.60 0.00	31.53 -0.61 0.00	37.78 -0.38 0.00	48.88 -0.44 0.00	55.49 -0.22 0.00	50.69 -0.51 0.00	44.61 -0.59 0.00	38.93 -0.55 0.00	36.03 -0.51 0.00
CARTHAGE___PAPER 23857	37.70 0.23 0.00	35.49 0.18 0.00	34.39 0.17 0.00	34.24 0.10 0.00	34.28 0.14 0.00	40.33 0.15 -2.07	53.84 0.53 -0.78	64.29 0.57 -0.63	56.60 0.00 -0.87	45.92 -0.45 -1.30	37.04 -0.68 0.00	33.78 -0.90 0.00	31.15 -0.86 -0.05	31.26 -0.92 -1.64	30.20 -0.92 -1.60	30.91 -0.84 -1.62	33.01 -0.84 -1.70	37.67 -0.50 0.00	49.33 0.00 0.00	56.44 0.72 0.00	51.82 0.62 0.00	45.65 0.45 0.00	39.64 0.16 0.00	36.87 0.33 0.00
CASSADAGA_WT_PWR 323784	35.67 -1.80 0.00	33.66 -1.66 0.00	32.71 -1.50 0.00	33.15 -0.99 0.00	33.56 -0.58 0.00	38.25 0.15 0.01	47.30 -1.16 4.07	54.79 -1.70 6.61	48.52 -1.95 5.25	40.91 -1.89 2.27	36.82 -0.91 0.00	33.88 -0.80 0.00	30.74 -1.21 0.00	29.07 -1.47 0.00	27.36 -2.15 0.00	28.08 -2.05 0.00	30.18 -1.96 0.00	36.49 -1.68 0.00	47.85 -1.48 0.00	54.27 -1.45 0.00	48.75 -2.46 0.00	42.08 -3.12 0.00	36.80 -2.69 0.00	34.31 -2.23 0.00
CE_DUNWOOD___DRP 24194	38.82 1.35 0.00	36.55 1.24 0.00	35.41 1.20 0.00	35.34 1.19 0.00	35.44 1.30 0.00	39.67 1.56 0.00	53.25 2.36 1.64	63.46 3.03 2.67	56.39 2.79 2.12	46.68 2.52 0.92	39.91 2.19 0.00	36.76 2.08 0.00	33.84 1.89 0.00	32.37 1.83 0.00	31.52 2.01 0.00	32.12 1.99 0.00	34.16 2.02 0.00	40.49 2.33 0.00	52.33 3.01 0.00	59.50 3.79 0.00	54.23 3.02 0.00	47.68 2.49 0.00	41.58 2.09 0.00	38.33 1.79 0.00
CE_MILLWOOD___DRP 24193	38.71 1.24 0.00	36.45 1.13 0.00	35.31 1.09 0.00	35.23 1.09 0.00	35.33 1.19 0.00	39.55 1.45 0.00	53.09 2.21 1.65	63.26 2.84 2.67	56.23 2.62 2.12	46.50 2.34 0.92	39.76 2.04 0.00	36.58 1.91 0.00	33.68 1.73 0.00	32.21 1.68 0.00	31.38 1.86 0.00	31.97 1.84 0.00	34.04 1.90 0.00	40.34 2.18 0.00	52.14 2.81 0.00	59.28 3.57 0.00	54.02 2.82 0.00	47.50 2.30 0.00	41.46 1.97 0.00	38.18 1.64 0.00
CE_NYC2_DRP 24202	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.09 3.66 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	55.01 2.68 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.77 2.42 -14.84	40.42 2.41 -7.88	49.57 2.47 -14.96	56.48 2.79 -15.53	59.10 3.55 -6.22	64.94 4.46 -4.76	57.28 3.64 -2.44	49.74 2.94 -1.61	42.55 2.53 -0.54	39.25 2.16 -0.56
CE_NYC_DRP 24195	38.93 1.46 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.77 3.34 2.67	56.79 3.18 2.12	47.00 2.84 0.92	40.25 2.53 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.42 2.29 0.00	34.49 2.35 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.58 3.38 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.51 1.97 0.00
CHAFFEE___LFGE 323603	36.31 -1.16 0.00	34.22 -1.10 0.00	33.12 -1.10 0.00	33.36 -0.78 0.00	33.56 -0.58 0.00	38.10 0.00 0.01	45.90 -2.68 3.96	52.90 -3.78 6.41	46.51 -4.12 5.10	39.17 -3.69 2.20	36.06 -1.66 0.00	33.15 -1.52 0.00	30.17 -1.79 0.00	28.61 -1.92 0.00	27.13 -2.39 0.00	27.84 -2.29 0.00	29.89 -2.25 0.00	36.07 -2.10 0.00	47.26 -2.07 0.00	53.93 -1.79 0.00	49.00 -2.20 0.00	42.62 -2.57 0.00	37.47 -2.01 0.00	35.00 -1.53 0.00
CHATEAUG_35_KV_LOAD 355732	36.95 -0.52 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.32 -0.82 0.00	33.11 -1.02 0.00	-7.82 -1.30 44.63	-8.08 -1.89 58.72	-8.17 -2.21 69.06	-8.07 -2.17 61.62	-7.94 -1.71 51.29	36.44 -1.28 0.00	33.43 -1.25 0.00	29.61 -1.18 1.16	-7.86 -1.13 37.27	-7.91 -1.09 36.33	-7.94 -1.21 36.87	-7.88 -1.32 38.70	36.64 -1.53 0.00	47.70 -1.63 0.00	53.65 -2.06 0.00	50.03 -1.18 0.00	44.56 -0.63 0.00	38.89 -0.59 0.00	35.95 -0.58 0.00
CHATEAUG_WT_PWR 323614	36.80 -0.67 0.00	34.68 -0.63 0.00	33.56 -0.65 0.00	33.19 -0.96 0.00	32.94 -1.20 0.00	-5.00 -1.49 41.62	-4.33 -2.10 54.76	-3.82 -2.53 64.38	-4.12 -2.39 57.45	-4.65 -1.89 47.83	36.29 -1.43 0.00	33.29 -1.39 0.00	29.56 -1.31 1.08	-5.47 -1.25 34.75	-5.57 -1.21 33.88	-5.54 -1.29 34.38	-5.39 -1.45 36.09	36.49 -1.68 0.00	47.50 -1.82 0.00	53.49 -2.23 0.00	49.87 -1.33 0.00	44.47 -0.72 0.00	38.81 -0.67 0.00	35.88 -0.66 0.00
CHAT_HIGH_FALL_HYD 323578	36.95 -0.52 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.32 -0.82 0.00	33.11 -1.02 0.00	-7.82 -1.30 44.63	-8.08 -1.89 58.72	-8.17 -2.21 69.06	-8.07 -2.17 61.62	-7.94 -1.71 51.29	36.44 -1.28 0.00	33.43 -1.25 0.00	29.61 -1.18 1.16	-7.86 -1.13 37.27	-7.91 -1.09 36.33	-7.94 -1.21 36.87	-7.88 -1.32 38.70	36.64 -1.53 0.00	47.70 -1.63 0.00	53.65 -2.06 0.00	50.03 -1.18 0.00	44.56 -0.63 0.00	38.89 -0.59 0.00	35.95 -0.58 0.00
CHAUTAUQUA___LFGE 323629	36.20 -1.27 0.00	34.15 -1.16 0.00	33.12 -1.10 0.00	33.46 -0.68 0.00	33.76 -0.37 0.00	38.40 0.30 0.01	47.47 -0.94 4.11	54.78 -1.64 6.67	48.31 -2.12 5.31	40.80 -1.98 2.29	36.59 -1.13 0.00	33.64 -1.04 0.00	30.55 -1.41 0.00	28.95 -1.59 0.00	27.33 -2.18 0.00	28.05 -2.08 0.00	30.15 -1.99 0.00	36.37 -1.79 0.00	47.60 -1.73 0.00	54.10 -1.62 0.00	48.85 -2.35 0.00	42.39 -2.80 0.00	37.19 -2.29 0.00	34.71 -1.83 0.00
CHERRYST_13_KV_LD 356241	39.05 1.57 0.00	36.76 1.45 0.00	35.62 1.40 0.00	35.54 1.40 0.00	35.67 1.54 0.00	39.93 1.83 0.00	53.67 2.78 1.64	63.96 3.53 2.67	56.95 3.34 2.12	47.18 3.02 0.92	40.36 2.64 0.00	37.17 2.50 0.00	34.26 2.30 0.00	32.76 2.23 0.00	31.91 2.39 0.00	32.51 2.38 0.00	34.58 2.44 0.00	40.95 2.79 0.00	52.83 3.50 0.00	60.12 4.40 0.00	54.74 3.53 0.00	48.04 2.85 0.00	41.89 2.41 0.00	38.58 2.05 0.00

CHESTROR_138KV_BK263 355645	38.41 0.94 0.00	36.16 0.85 0.00	35.03 0.82 0.00	34.96 0.82 0.00	35.06 0.92 0.00	39.25 1.14 0.00	52.61 1.73 1.66	62.55 2.15 2.69	55.60 2.01 2.14	45.91 1.76 0.92	39.23 1.51 0.00	36.06 1.39 0.00	33.20 1.25 0.00	31.76 1.22 0.00	30.84 1.33 0.00	31.49 1.36 0.00	33.52 1.38 0.00	39.77 1.60 0.00	51.45 2.12 0.00	58.56 2.84 0.00	53.41 2.20 0.00	46.96 1.76 0.00	40.98 1.50 0.00	37.82 1.28 0.00
CH_MIDHUDSON___DRP 24192	38.71 1.24 0.00	36.48 1.17 0.00	35.31 1.09 0.00	35.27 1.13 0.00	35.37 1.23 0.00	39.59 1.49 0.00	53.09 2.21 1.64	63.14 2.71 2.66	56.17 2.56 2.12	46.37 2.21 0.91	39.61 1.89 0.00	36.41 1.73 0.00	33.52 1.57 0.00	32.06 1.53 0.00	31.20 1.68 0.00	31.82 1.69 0.00	33.87 1.74 0.00	40.15 1.98 0.00	51.94 2.61 0.00	59.11 3.40 0.00	53.87 2.66 0.00	47.41 2.21 0.00	41.38 1.90 0.00	38.18 1.64 0.00
CH_MISC_IPPS 23765	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.82 1.72 0.00	53.51 2.63 1.65	63.64 3.22 2.67	56.56 2.95 2.12	46.59 2.43 0.92	39.72 2.00 0.00	36.48 1.80 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.20 1.68 0.00	31.85 1.72 0.00	33.91 1.77 0.00	40.26 2.10 0.00	52.28 2.96 0.00	59.61 3.90 0.00	54.22 3.02 0.00	47.63 2.44 0.00	41.54 2.05 0.00	38.36 1.83 0.00
CH_RES_BVR_FALLS 23983	36.91 -0.56 0.00	34.82 -0.49 0.00	33.73 -0.48 0.00	33.59 -0.55 0.00	33.53 -0.61 0.00	37.34 -0.76 0.00	50.27 -1.05 1.21	59.93 -1.20 1.96	53.11 -1.06 1.56	43.59 -0.81 0.67	37.16 -0.56 0.00	34.12 -0.56 0.00	31.44 -0.51 0.00	30.02 -0.52 0.00	29.01 -0.50 0.00	29.56 -0.57 0.00	31.53 -0.61 0.00	37.44 -0.73 0.00	48.49 -0.84 0.00	54.54 -1.17 0.00	50.33 -0.87 0.00	44.47 -0.72 0.00	38.81 -0.67 0.00	35.92 -0.62 0.00
CH_RES_NIAGARA 23895	35.00 -2.47 0.00	33.02 -2.30 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.72 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.70 2.39	34.44 -3.28 0.00	31.73 -2.95 0.00	28.79 -3.16 0.00	27.45 -3.08 0.00	25.95 -3.57 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.35 -3.82 0.00	44.74 -4.59 0.00	50.81 -4.90 0.00	46.13 -5.07 0.00	40.18 -5.02 0.00	35.62 -3.87 0.00	33.32 -3.22 0.00
CH_RES_SYRACUSE 23985	37.29 -0.19 0.00	35.17 -0.14 0.00	34.08 -0.14 0.00	34.07 -0.07 0.00	34.04 -0.10 0.00	38.03 -0.08 0.01	49.83 0.05 2.75	58.70 0.06 4.46	52.13 -0.06 3.55	43.36 -0.18 1.53	37.38 -0.34 0.00	34.36 -0.31 0.00	31.64 -0.32 0.00	30.17 -0.37 0.00	29.01 -0.50 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.05 -0.11 0.00	49.23 -0.10 0.00	55.88 0.17 0.00	51.05 -0.15 0.00	44.97 -0.22 0.00	39.17 -0.32 0.00	36.28 -0.25 0.00
CLINTON_WT_PWR 323605	36.80 -0.67 0.00	34.68 -0.63 0.00	33.56 -0.65 0.00	33.19 -0.96 0.00	32.94 -1.20 0.00	-5.00 -1.49 41.62	-4.33 -2.10 54.76	-3.82 -2.53 64.38	-4.12 -2.39 57.45	-4.65 -1.89 47.83	36.29 -1.43 0.00	33.29 -1.39 0.00	29.56 -1.31 1.08	-5.47 -1.25 34.75	-5.57 -1.21 33.88	-5.54 -1.29 34.38	-5.39 -1.45 36.09	36.49 -1.68 0.00	47.50 -1.82 0.00	53.49 -2.23 0.00	49.87 -1.33 0.00	44.47 -0.72 0.00	38.81 -0.67 0.00	35.88 -0.66 0.00
CLINTON___LFGE 323618	36.98 -0.49 0.00	34.82 -0.49 0.00	33.70 -0.51 0.00	33.15 -0.99 0.00	32.81 -1.33 0.00	-6.09 -1.56 42.63	-5.77 -2.20 56.10	-5.45 -2.59 65.96	-5.69 -2.56 58.86	-6.04 -2.12 49.00	36.10 -1.62 0.00	33.05 -1.63 0.00	29.28 -1.57 1.11	-6.47 -1.40 35.60	-6.54 -1.36 34.70	-6.53 -1.45 35.22	-6.40 -1.57 36.97	36.26 -1.91 0.00	47.45 -1.87 0.00	53.71 -2.00 0.00	50.03 -1.18 0.00	44.83 -0.36 0.00	39.09 -0.39 0.00	36.10 -0.44 0.00
COBBLENY_34_KV_TB1 80064	36.31 -1.16 0.00	34.22 -1.09 0.00	33.12 -1.09 0.00	33.36 -0.79 0.00	33.56 -0.58 0.00	38.10 0.00 0.01	45.90 -2.68 3.96	52.89 -3.79 6.41	46.45 -4.18 5.10	39.17 -3.70 2.20	36.06 -1.66 0.00	33.15 -1.53 0.00	30.13 -1.82 0.00	28.64 -1.89 0.00	27.10 -2.42 0.00	27.84 -2.29 0.00	29.89 -2.25 0.00	36.07 -2.10 0.00	47.25 -2.07 0.00	53.93 -1.78 0.00	49.00 -2.20 0.00	42.48 -2.71 0.00	37.39 -2.09 0.00	34.89 -1.64 0.00
COFFEEN___115KV_TB3 355620	38.30 0.82 0.00	36.06 0.74 0.00	34.93 0.72 0.00	34.82 0.68 0.00	34.86 0.72 0.00	40.70 0.84 -1.75	54.26 1.47 -0.26	64.68 1.70 0.12	56.84 0.89 -0.22	46.08 0.14 -0.88	37.46 -0.26 0.00	34.05 -0.62 0.00	31.39 -0.61 -0.04	31.22 -0.70 -1.39	30.10 -0.77 -1.35	30.87 -0.63 -1.37	33.03 -0.55 -1.44	38.20 0.04 0.00	50.16 0.84 0.00	57.67 1.95 0.00	52.84 1.64 0.00	46.46 1.27 0.00	40.27 0.79 0.00	37.38 0.84 0.00
COLDSPRG_115KV_BK1 355956	36.69 -0.79 0.00	34.57 -0.74 0.00	33.53 -0.68 0.00	33.87 -0.27 0.00	34.17 0.03 0.00	38.90 0.80 0.01	47.73 -0.79 4.01	55.20 -1.39 6.50	48.66 -1.89 5.17	40.95 -1.89 2.23	37.12 -0.60 0.00	34.12 -0.55 0.00	30.93 -1.02 0.00	29.37 -1.16 0.00	27.66 -1.86 0.00	28.42 -1.72 0.00	30.53 -1.61 0.00	36.91 -1.26 0.00	48.39 -0.94 0.00	55.10 -0.61 0.00	49.77 -1.43 0.00	42.98 -2.21 0.00	37.75 -1.74 0.00	35.19 -1.35 0.00
COLONIE_LFGE___ 323577	38.48 1.01 0.00	36.23 0.92 0.00	35.10 0.89 0.00	35.03 0.89 0.00	35.20 1.06 0.00	39.29 1.18 0.00	52.50 1.57 1.60	62.46 1.96 2.60	55.56 1.90 2.06	45.76 1.58 0.89	39.01 1.28 0.00	35.86 1.18 0.00	33.01 1.05 0.00	31.57 1.04 0.00	30.61 1.09 0.00	31.25 1.12 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.00 1.68 0.00	57.89 2.17 0.00	52.89 1.69 0.00	46.82 1.62 0.00	40.98 1.50 0.00	37.93 1.39 0.00
COOPERNY_115KV_TB1 80082	38.15 0.67 0.00	35.95 0.64 0.00	34.80 0.58 0.00	34.76 0.61 0.00	34.82 0.68 0.00	38.94 0.84 0.00	52.11 1.26 1.68	61.94 1.58 2.73	55.01 1.45 2.17	45.40 1.26 0.94	38.82 1.09 0.00	35.68 1.01 0.00	32.85 0.89 0.00	31.39 0.85 0.00	30.46 0.94 0.00	31.10 0.96 0.00	33.14 1.00 0.00	39.35 1.18 0.00	50.90 1.58 0.00	57.83 2.12 0.00	52.79 1.59 0.00	46.46 1.27 0.00	40.59 1.11 0.00	37.45 0.91 0.00
COPENHAGEN_WT_PWR 323753	37.92 0.45 0.00	35.70 0.39 0.00	34.59 0.38 0.00	34.52 0.38 0.00	34.51 0.38 0.00	40.23 0.46 -1.67	53.54 0.89 -0.12	63.85 1.07 0.32	56.17 0.39 -0.04	45.70 -0.13 -0.76	37.27 -0.45 0.00	33.91 -0.76 0.00	31.29 -0.70 -0.04	31.06 -0.79 -1.32	29.97 -0.83 -1.28	30.71 -0.72 -1.30	32.80 -0.71 -1.37	37.94 -0.23 0.00	49.72 0.39 0.00	56.94 1.22 0.00	52.17 0.97 0.00	45.92 0.72 0.00	39.88 0.39 0.00	36.98 0.44 0.00
CORNELL_____ 23752	38.03 0.56 0.00	35.88 0.57 0.00	34.73 0.51 0.00	34.72 0.58 0.00	34.75 0.61 0.00	38.98 0.88 0.01	50.81 1.31 3.03	59.69 1.51 4.92	52.87 1.06 3.91	43.88 0.50 1.69	37.87 0.15 0.00	34.68 0.00 0.00	31.86 -0.10 0.00	30.35 -0.18 0.00	29.19 -0.32 0.00	29.92 -0.21 0.00	32.04 -0.10 0.00	38.59 0.42 0.00	50.31 0.99 0.00	57.50 1.78 0.00	52.43 1.23 0.00	46.01 0.81 0.00	40.04 0.55 0.00	37.05 0.51 0.00

CORONA__69_KV_TB1 355595	39.23 1.76 0.00	36.83 1.52 0.00	35.72 1.51 0.00	35.61 1.47 0.00	35.71 1.57 0.00	40.09 1.98 0.00	53.72 2.84 1.64	64.09 3.66 2.67	56.84 3.23 2.12	47.13 2.97 0.92	40.36 2.64 0.00	37.14 2.46 0.00	34.13 2.17 0.00	32.70 2.17 0.00	31.94 2.42 0.00	32.51 2.38 0.00	34.68 2.54 0.00	41.22 3.05 0.00	52.88 3.55 0.00	60.23 4.51 0.00	54.74 3.53 0.00	48.49 3.30 0.00	42.25 2.76 0.00	38.95 2.41 0.00
CORTLAND__115KV_TB3 80093	37.73 0.26 0.00	35.60 0.28 0.00	34.45 0.24 0.00	34.45 0.31 0.00	34.48 0.34 0.00	38.60 0.50 0.01	50.30 0.74 2.96	59.11 0.82 4.81	52.41 0.50 3.82	43.60 0.18 1.65	37.72 0.00 0.00	34.57 -0.10 0.00	31.80 -0.16 0.00	30.35 -0.18 0.00	29.19 -0.32 0.00	29.89 -0.24 0.00	31.95 -0.19 0.00	38.36 0.19 0.00	49.87 0.54 0.00	56.83 1.11 0.00	51.82 0.61 0.00	45.56 0.36 0.00	39.68 0.20 0.00	36.76 0.22 0.00
COXSACKIE__GT 23611	39.27 1.80 0.00	37.01 1.70 0.00	35.82 1.61 0.00	35.78 1.64 0.00	35.84 1.71 0.00	40.20 2.09 0.00	54.08 3.15 1.60	63.96 3.47 2.60	56.45 2.79 2.07	45.89 1.71 0.89	38.82 1.09 0.00	35.65 0.97 0.00	32.75 0.80 0.00	31.33 0.79 0.00	30.34 0.83 0.00	31.07 0.94 0.00	33.23 1.09 0.00	39.58 1.41 0.00	51.94 2.61 0.00	59.45 3.73 0.00	54.07 2.87 0.00	47.63 2.44 0.00	41.58 2.09 0.00	38.62 2.08 0.00
CPV_VALLEY__CC1 323721	38.18 0.71 0.00	35.95 0.64 0.00	34.83 0.62 0.00	34.76 0.62 0.00	34.86 0.72 0.00	38.98 0.88 0.00	52.23 1.36 1.67	62.10 1.70 2.70	55.14 1.56 2.15	45.59 1.44 0.93	38.97 1.24 0.00	35.86 1.18 0.00	32.98 1.02 0.00	31.57 1.04 0.00	30.67 1.15 0.00	31.28 1.14 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.10 1.77 0.00	58.16 2.45 0.00	53.00 1.79 0.00	46.60 1.40 0.00	40.71 1.23 0.00	37.56 1.02 0.00
CPV_VALLEY__CC2 323722	38.18 0.71 0.00	35.95 0.64 0.00	34.83 0.62 0.00	34.76 0.62 0.00	34.86 0.72 0.00	38.98 0.88 0.00	52.23 1.36 1.67	62.10 1.70 2.70	55.14 1.56 2.15	45.59 1.44 0.93	38.97 1.24 0.00	35.86 1.18 0.00	32.98 1.02 0.00	31.57 1.04 0.00	30.67 1.15 0.00	31.28 1.14 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.10 1.77 0.00	58.16 2.45 0.00	53.00 1.79 0.00	46.60 1.40 0.00	40.71 1.23 0.00	37.56 1.02 0.00
CRESCENT__HYD 24018	38.48 1.01 0.00	36.23 0.92 0.00	35.10 0.89 0.00	35.03 0.89 0.00	35.20 1.06 0.00	39.29 1.18 0.00	52.50 1.57 1.60	62.46 1.96 2.60	55.56 1.90 2.06	45.76 1.58 0.89	39.01 1.28 0.00	35.86 1.18 0.00	33.01 1.05 0.00	31.57 1.04 0.00	30.61 1.09 0.00	31.25 1.12 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.00 1.68 0.00	57.89 2.17 0.00	52.89 1.69 0.00	46.82 1.62 0.00	40.98 1.50 0.00	37.93 1.39 0.00
CRICKET__VALLEY_CC1 323756	38.48 1.01 0.00	36.23 0.92 0.00	35.14 0.92 0.00	35.06 0.92 0.00	35.23 1.09 0.00	39.32 1.22 0.00	52.63 1.73 1.64	62.59 2.15 2.65	55.68 2.06 2.11	46.10 1.94 0.91	39.38 1.66 0.00	36.27 1.60 0.00	33.36 1.40 0.00	32.00 1.47 0.00	31.11 1.59 0.00	31.73 1.60 0.00	33.75 1.61 0.00	39.96 1.79 0.00	51.49 2.17 0.00	58.56 2.84 0.00	53.35 2.15 0.00	47.00 1.81 0.00	41.14 1.66 0.00	37.96 1.42 0.00
CRICKET__VALLEY_CC2 323757	38.48 1.01 0.00	36.23 0.92 0.00	35.14 0.92 0.00	35.06 0.92 0.00	35.23 1.09 0.00	39.32 1.22 0.00	52.63 1.73 1.64	62.59 2.15 2.65	55.68 2.06 2.11	46.10 1.94 0.91	39.38 1.66 0.00	36.27 1.60 0.00	33.36 1.40 0.00	32.00 1.47 0.00	31.11 1.59 0.00	31.73 1.60 0.00	33.75 1.61 0.00	39.96 1.79 0.00	51.49 2.17 0.00	58.56 2.84 0.00	53.35 2.15 0.00	47.00 1.81 0.00	41.14 1.66 0.00	37.96 1.42 0.00
CRICKET__VALLEY_CC3 323758	38.48 1.01 0.00	36.23 0.92 0.00	35.14 0.92 0.00	35.06 0.92 0.00	35.23 1.09 0.00	39.32 1.22 0.00	52.63 1.73 1.64	62.59 2.15 2.65	55.68 2.06 2.11	46.10 1.94 0.91	39.38 1.66 0.00	36.27 1.60 0.00	33.36 1.40 0.00	32.00 1.47 0.00	31.11 1.59 0.00	31.73 1.60 0.00	33.75 1.61 0.00	39.96 1.79 0.00	51.49 2.17 0.00	58.56 2.84 0.00	53.35 2.15 0.00	47.00 1.81 0.00	41.14 1.66 0.00	37.96 1.42 0.00
CRUCIBLE_METL_DRP 24180	37.29 -0.19 0.00	35.17 -0.14 0.00	34.08 -0.14 0.00	34.07 -0.07 0.00	34.04 -0.10 0.00	38.02 -0.08 0.01	49.83 0.05 2.75	58.70 0.06 4.46	52.13 -0.06 3.55	43.36 -0.18 1.53	37.38 -0.34 0.00	34.33 -0.35 0.00	31.64 -0.32 0.00	30.17 -0.37 0.00	29.01 -0.50 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.05 -0.11 0.00	49.23 -0.10 0.00	55.94 0.22 0.00	51.05 -0.15 0.00	44.92 -0.27 0.00	39.13 -0.36 0.00	36.28 -0.26 0.00
DAHOWA__HYDRO 323763	38.64 1.16 0.00	36.34 1.02 0.00	35.24 1.03 0.00	35.16 1.02 0.00	35.26 1.12 0.00	39.47 1.37 0.00	52.97 2.05 1.61	63.08 2.59 2.60	56.11 2.45 2.07	45.93 1.76 0.89	39.08 1.36 0.00	35.75 1.08 0.00	32.85 0.89 0.00	31.36 0.82 0.00	30.37 0.86 0.00	31.01 0.87 0.00	33.23 1.09 0.00	39.58 1.41 0.00	51.35 2.02 0.00	58.39 2.67 0.00	53.30 2.10 0.00	47.59 2.39 0.00	41.58 2.09 0.00	38.44 1.90 0.00
DANC__LFGE 323619	37.44 -0.04 0.00	35.28 -0.04 0.00	34.18 -0.03 0.00	34.11 -0.03 0.00	34.10 -0.03 0.00	39.30 0.00 -1.19	52.15 0.26 0.65	61.93 0.25 1.41	54.65 -0.17 0.91	44.72 -0.49 -0.14	37.00 -0.72 0.00	33.81 -0.87 0.00	31.19 -0.80 -0.03	30.62 -0.85 -0.94	29.52 -0.92 -0.92	30.22 -0.84 -0.93	32.32 -0.80 -0.98	37.75 -0.42 0.00	49.23 -0.10 0.00	56.11 0.39 0.00	51.41 0.21 0.00	45.24 0.05 0.00	39.33 -0.16 0.00	36.46 -0.07 0.00
DANSKAMMER__1 23586	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.82 1.72 0.00	53.51 2.63 1.65	63.64 3.22 2.67	56.56 2.95 2.12	46.59 2.43 0.92	39.72 2.00 0.00	36.48 1.80 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.20 1.68 0.00	31.85 1.72 0.00	33.91 1.77 0.00	40.26 2.10 0.00	52.28 2.96 0.00	59.61 3.90 0.00	54.22 3.02 0.00	47.63 2.44 0.00	41.54 2.05 0.00	38.36 1.83 0.00
DANSKAMMER__2 23589	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.82 1.72 0.00	53.51 2.63 1.65	63.64 3.22 2.67	56.56 2.95 2.12	46.59 2.43 0.92	39.72 2.00 0.00	36.48 1.80 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.20 1.68 0.00	31.85 1.72 0.00	33.91 1.77 0.00	40.26 2.10 0.00	52.28 2.96 0.00	59.61 3.90 0.00	54.22 3.02 0.00	47.63 2.44 0.00	41.54 2.05 0.00	38.36 1.83 0.00
DANSKAMMER__3 23590	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.82 1.72 0.00	53.51 2.63 1.65	63.64 3.22 2.67	56.56 2.95 2.12	46.59 2.43 0.92	39.72 2.00 0.00	36.48 1.80 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.20 1.68 0.00	31.85 1.72 0.00	33.91 1.77 0.00	40.26 2.10 0.00	52.28 2.96 0.00	59.61 3.90 0.00	54.22 3.02 0.00	47.63 2.44 0.00	41.54 2.05 0.00	38.36 1.83 0.00

DANSKAMMER___4 23591	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.82 1.72 0.00	53.51 2.63 1.65	63.64 3.22 2.67	56.56 2.95 2.12	46.59 2.43 0.92	39.72 2.00 0.00	36.48 1.80 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.20 1.68 0.00	31.85 1.72 0.00	33.91 1.77 0.00	40.26 2.10 0.00	52.28 2.96 0.00	59.61 3.90 0.00	54.22 3.02 0.00	47.63 2.44 0.00	41.54 2.05 0.00	38.36 1.83 0.00
DANSKAMMER___DIESEL 23592	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.82 1.71 0.00	53.51 2.63 1.65	63.64 3.22 2.67	56.56 2.95 2.12	46.59 2.43 0.92	39.72 2.00 0.00	36.51 1.84 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.20 1.68 0.00	31.85 1.72 0.00	33.91 1.77 0.00	40.26 2.10 0.00	52.28 2.96 0.00	59.62 3.90 0.00	54.23 3.02 0.00	47.68 2.49 0.00	41.58 2.09 0.00	38.36 1.83 0.00
DARBY___SOLAR 323810	38.64 1.16 0.00	36.34 1.02 0.00	35.21 0.99 0.00	35.13 0.99 0.00	35.26 1.12 0.00	39.44 1.33 0.00	52.92 2.00 1.61	62.95 2.46 2.60	56.00 2.34 2.07	45.93 1.76 0.89	39.08 1.36 0.00	35.75 1.08 0.00	32.85 0.89 0.00	31.36 0.82 0.00	30.37 0.86 0.00	31.01 0.87 0.00	33.20 1.06 0.00	39.54 1.37 0.00	51.30 1.98 0.00	58.28 2.56 0.00	53.20 1.99 0.00	47.41 2.21 0.00	41.46 1.97 0.00	38.33 1.79 0.00
DASHVILLE___HYD 23610	38.75 1.27 0.00	36.52 1.20 0.00	35.34 1.13 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.63 1.52 0.00	53.20 2.31 1.64	63.15 2.71 2.66	56.01 2.40 2.11	46.19 2.03 0.91	39.38 1.66 0.00	36.24 1.56 0.00	33.30 1.34 0.00	31.85 1.31 0.00	30.99 1.48 0.00	31.64 1.51 0.00	33.68 1.54 0.00	39.96 1.79 0.00	51.79 2.47 0.00	59.06 3.34 0.00	53.76 2.56 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.18 1.64 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.01 1.54 0.00	36.45 1.13 0.00	35.24 1.03 0.00	34.99 0.85 0.00	35.09 0.96 0.00	39.44 1.33 0.00	52.93 2.05 1.64	63.64 3.22 2.67	56.23 2.62 2.12	46.63 2.48 0.92	39.65 1.92 0.00	36.38 1.70 0.00	33.39 1.44 0.00	32.49 1.95 0.00	31.82 2.30 0.00	32.12 1.99 0.00	34.10 1.96 0.00	40.80 2.63 0.00	51.99 2.66 0.00	59.39 3.68 0.00	53.71 2.51 0.00	47.86 2.67 0.00	41.77 2.29 0.00	38.77 2.23 0.00
DELAWARE___LFGE 323621	38.37 0.90 0.00	36.16 0.85 0.00	35.00 0.79 0.00	34.96 0.82 0.00	35.03 0.89 0.00	39.21 1.11 0.01	51.61 1.58 2.50	60.93 1.89 4.06	54.18 1.67 3.23	44.94 1.26 1.39	38.74 1.02 0.00	35.51 0.83 0.00	32.69 0.73 0.00	31.15 0.61 0.00	30.14 0.62 0.00	30.86 0.72 0.00	32.91 0.77 0.00	39.23 1.07 0.00	50.90 1.58 0.00	58.00 2.28 0.00	52.94 1.74 0.00	46.60 1.40 0.00	40.67 1.18 0.00	37.60 1.06 0.00
DERFIELD_115KV_TB7 355931	37.59 0.11 0.00	35.42 0.11 0.00	34.32 0.10 0.00	34.24 0.10 0.00	34.28 0.14 0.00	38.26 0.15 0.00	50.79 0.21 1.96	60.23 0.32 3.18	53.48 0.28 2.53	44.25 0.27 1.09	37.91 0.19 0.00	34.85 0.17 0.00	32.12 0.16 0.00	30.69 0.15 0.00	29.69 0.18 0.00	30.31 0.18 0.00	32.30 0.16 0.00	38.28 0.11 0.00	49.47 0.15 0.00	56.05 0.33 0.00	51.36 0.15 0.00	45.33 0.14 0.00	39.60 0.12 0.00	36.65 0.11 0.00
DOGLEVILLE___HYD 23807	36.35 -1.12 0.00	34.15 -1.16 0.00	33.01 -1.20 0.00	32.88 -1.26 0.00	32.84 -1.30 0.00	36.58 -1.53 0.00	48.58 -2.00 1.96	57.58 -2.33 3.18	51.14 -2.06 2.53	42.27 -1.71 1.09	36.25 -1.47 0.00	33.29 -1.39 0.00	30.68 -1.28 0.00	29.31 -1.22 0.00	28.36 -1.15 0.00	28.99 -1.15 0.00	30.89 -1.25 0.00	36.64 -1.53 0.00	47.45 -1.87 0.00	53.99 -1.73 0.00	49.67 -1.53 0.00	43.93 -1.27 0.00	38.46 -1.03 0.00	35.59 -0.95 0.00
DUNKIRK___115KV_TB_200 55889	36.24 -1.24 0.00	34.19 -1.13 0.00	33.15 -1.06 0.00	33.46 -0.68 0.00	33.76 -0.38 0.00	38.37 0.27 0.01	47.47 -0.95 4.12	54.71 -1.70 6.68	48.24 -2.17 5.31	40.71 -2.07 2.29	36.52 -1.21 0.00	33.57 -1.11 0.00	30.45 -1.50 0.00	28.92 -1.62 0.00	27.27 -2.24 0.00	28.02 -2.11 0.00	30.15 -1.99 0.00	36.33 -1.83 0.00	47.55 -1.78 0.00	54.10 -1.62 0.00	48.90 -2.30 0.00	42.26 -2.94 0.00	37.15 -2.33 0.00	34.64 -1.90 0.00
DUNKIRK___1 23563	36.24 -1.24 0.00	34.19 -1.13 0.00	33.15 -1.06 0.00	33.46 -0.68 0.00	33.76 -0.38 0.00	38.37 0.27 0.01	47.47 -0.95 4.12	54.71 -1.70 6.68	48.24 -2.17 5.31	40.71 -2.07 2.29	36.52 -1.21 0.00	33.57 -1.11 0.00	30.45 -1.50 0.00	28.92 -1.62 0.00	27.27 -2.24 0.00	28.02 -2.11 0.00	30.15 -1.99 0.00	36.33 -1.83 0.00	47.55 -1.78 0.00	54.10 -1.62 0.00	48.90 -2.30 0.00	42.26 -2.94 0.00	37.15 -2.33 0.00	34.64 -1.90 0.00
DUNKIRK___2 23564	36.24 -1.24 0.00	34.19 -1.13 0.00	33.15 -1.06 0.00	33.46 -0.68 0.00	33.76 -0.38 0.00	38.37 0.27 0.01	47.47 -0.95 4.12	54.71 -1.70 6.68	48.24 -2.17 5.31	40.71 -2.07 2.29	36.52 -1.21 0.00	33.57 -1.11 0.00	30.45 -1.50 0.00	28.92 -1.62 0.00	27.27 -2.24 0.00	28.02 -2.11 0.00	30.15 -1.99 0.00	36.33 -1.83 0.00	47.55 -1.78 0.00	54.10 -1.62 0.00	48.90 -2.30 0.00	42.26 -2.94 0.00	37.15 -2.33 0.00	34.64 -1.90 0.00
DUNKIRK___3 23565	36.20 -1.27 0.00	34.15 -1.17 0.00	33.05 -1.16 0.00	33.36 -0.79 0.00	33.63 -0.51 0.00	38.17 0.08 0.01	47.15 -1.26 4.12	54.26 -2.15 6.68	47.85 -2.56 5.32	40.43 -2.34 2.30	36.29 -1.43 0.00	33.36 -1.32 0.00	30.26 -1.69 0.00	28.76 -1.77 0.00	27.16 -2.36 0.00	27.90 -2.23 0.00	30.02 -2.12 0.00	36.14 -2.02 0.00	47.30 -2.02 0.00	53.82 -1.89 0.00	48.69 -2.51 0.00	42.17 -3.03 0.00	37.12 -2.37 0.00	34.60 -1.94 0.00
DUNKIRK___4 23566	36.20 -1.27 0.00	34.15 -1.17 0.00	33.05 -1.16 0.00	33.36 -0.79 0.00	33.63 -0.51 0.00	38.17 0.08 0.01	47.15 -1.26 4.12	54.26 -2.15 6.68	47.85 -2.56 5.32	40.43 -2.34 2.30	36.29 -1.43 0.00	33.36 -1.32 0.00	30.26 -1.69 0.00	28.76 -1.77 0.00	27.16 -2.36 0.00	27.90 -2.23 0.00	30.02 -2.12 0.00	36.14 -2.02 0.00	47.30 -2.02 0.00	53.82 -1.89 0.00	48.69 -2.51 0.00	42.17 -3.03 0.00	37.12 -2.37 0.00	34.60 -1.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.86 1.39 0.00	36.59 1.27 0.00	35.45 1.23 0.00	35.37 1.23 0.00	35.47 1.33 0.00	39.70 1.60 0.00	53.35 2.47 1.64	63.58 3.15 2.67	56.51 2.90 2.12	46.77 2.61 0.92	39.99 2.26 0.00	36.86 2.18 0.00	33.94 1.98 0.00	32.46 1.92 0.00	31.61 2.10 0.00	32.21 2.08 0.00	34.26 2.12 0.00	40.61 2.44 0.00	52.43 3.11 0.00	59.67 3.96 0.00	54.33 3.12 0.00	47.77 2.58 0.00	41.66 2.17 0.00	38.36 1.83 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.63 1.16 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.17 1.02 0.00	35.27 1.13 0.00	39.48 1.37 0.00	53.03 2.15 1.65	63.07 2.65 2.68	56.00 2.40 2.13	46.18 2.03 0.92	39.42 1.70 0.00	36.27 1.60 0.00	33.36 1.41 0.00	31.91 1.37 0.00	31.02 1.51 0.00	31.64 1.51 0.00	33.71 1.57 0.00	40.00 1.83 0.00	51.79 2.47 0.00	59.06 3.34 0.00	53.76 2.56 0.00	47.27 2.08 0.00	41.26 1.78 0.00	38.04 1.50 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.02 1.54 -0.01	36.77 1.45 -0.01	35.59 1.37 -0.01	35.51 1.37 -0.01	35.65 1.50 -0.01	39.86 1.75 0.00	53.56 2.68 1.65	63.77 3.34 2.67	56.78 3.18 2.13	46.99 2.84 0.92	40.20 2.49 0.01	37.06 2.39 0.01	34.12 2.17 0.01	32.63 2.11 0.01	31.81 2.30 0.01	32.38 2.26 0.01	34.45 2.31 0.01	40.79 2.63 0.01	52.67 3.35 0.01	59.94 4.23 0.01	54.58 3.38 0.01	47.94 2.76 0.01	41.82 2.33 -0.01	38.52 1.97 -0.01
E179THST_13_KV_LOAD 356214	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.02 1.91 0.00	53.77 2.89 1.65	64.02 3.60 2.67	57.00 3.40 2.13	47.17 3.02 0.92	40.39 2.53 0.01	37.20 2.53 0.01	34.25 2.30 0.01	32.76 2.23 0.01	31.93 2.42 0.01	32.54 2.41 0.01	34.61 2.47 0.01	40.98 2.82 0.01	52.92 3.60 0.01	60.22 4.51 0.01	54.83 3.64 0.01	48.17 2.98 0.01	42.02 2.53 -0.01	38.70 2.16 -0.01
EAST HAMPTON___GT 23717	39.05 1.57 0.00	36.45 1.13 0.00	35.10 0.89 0.00	34.69 0.54 0.00	34.79 0.65 0.00	39.13 1.03 0.00	52.46 1.57 1.64	63.20 2.77 2.67	55.89 2.29 2.12	46.32 2.16 0.92	39.04 1.32 0.00	35.86 1.18 0.00	32.95 0.99 0.00	32.15 1.62 0.00	31.43 1.92 0.00	31.67 1.54 0.00	33.52 1.38 0.00	40.12 1.95 -0.01	51.35 2.02 0.00	58.78 3.06 0.00	53.04 1.84 0.00	47.09 1.90 0.00	41.18 1.70 0.00	38.11 1.57 0.00
EAST RIVER___6 23660	38.97 1.50 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.86 1.75 0.00	53.56 2.68 1.64	63.77 3.34 2.67	56.84 3.23 2.12	47.04 2.89 0.92	40.25 2.53 0.00	37.10 2.43 0.00	34.16 2.20 0.00	32.70 2.17 0.00	31.85 2.33 0.00	32.45 2.32 0.00	34.52 2.38 0.00	40.84 2.67 0.00	52.73 3.40 0.00	60.06 4.35 0.00	54.64 3.43 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.58 2.04 0.00
EAST RIVER___7 23524	38.97 1.50 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.86 1.75 0.00	53.56 2.68 1.64	63.77 3.34 2.67	56.84 3.23 2.12	47.04 2.89 0.92	40.25 2.53 0.00	37.10 2.43 0.00	34.16 2.20 0.00	32.70 2.17 0.00	31.85 2.33 0.00	32.45 2.32 0.00	34.52 2.38 0.00	40.84 2.67 0.00	52.73 3.40 0.00	60.06 4.35 0.00	54.64 3.43 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.58 2.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.82 1.35 0.00	36.55 1.24 0.00	35.41 1.20 0.00	35.34 1.19 0.00	35.44 1.30 0.00	39.67 1.56 0.00	53.25 2.36 1.64	63.46 3.03 2.67	56.39 2.79 2.12	46.68 2.52 0.92	39.91 2.19 0.00	36.76 2.08 0.00	33.84 1.89 0.00	32.37 1.83 0.00	31.52 2.01 0.00	32.12 1.99 0.00	34.16 2.02 0.00	40.49 2.33 0.00	52.33 3.01 0.00	59.50 3.79 0.00	54.23 3.02 0.00	47.68 2.49 0.00	41.58 2.09 0.00	38.33 1.79 0.00
EAST_HAMPTON___DIESEL 23722	39.01 1.54 0.00	36.41 1.10 0.00	35.03 0.82 0.00	34.62 0.48 0.00	34.72 0.58 0.00	39.02 0.91 0.00	52.35 1.47 1.64	63.08 2.65 2.67	55.84 2.23 2.12	46.27 2.12 0.92	38.93 1.21 0.00	35.75 1.08 0.00	32.85 0.89 0.00	32.06 1.53 0.00	31.38 1.86 0.00	31.58 1.45 0.00	33.43 1.29 0.00	40.01 1.83 -0.01	51.20 1.87 0.00	58.61 2.90 0.00	52.89 1.69 0.00	46.96 1.76 0.00	41.07 1.58 0.00	38.04 1.50 0.00
EAST_POINT___SOLAR 323840	40.13 2.66 0.00	37.75 2.43 0.00	36.54 2.33 0.00	36.50 2.35 0.00	36.63 2.49 0.00	41.15 3.05 0.00	55.21 4.41 1.73	65.34 5.05 2.81	57.07 3.57 2.23	45.82 1.71 0.96	38.82 1.09 0.00	35.13 0.45 0.00	32.66 0.70 0.00	31.18 0.64 0.00	30.11 0.59 0.00	31.01 0.87 0.00	33.65 1.51 0.00	40.76 2.60 0.00	53.77 4.44 0.00	61.46 5.74 0.00	55.97 4.76 0.00	49.22 4.02 0.00	42.84 3.35 0.00	39.53 3.00 0.00
EAST_PULASKI___ESR 323781	37.06 -0.41 0.00	34.96 -0.35 0.00	33.87 -0.34 0.00	33.83 -0.31 0.00	33.76 -0.37 0.00	37.76 -0.34 0.00	50.38 -0.31 1.84	60.96 -0.38 1.76	53.90 -0.56 1.28	43.32 -0.72 1.03	36.89 -0.83 0.00	33.81 -0.87 0.00	31.19 -0.77 0.00	29.74 -0.79 0.00	28.63 -0.88 0.00	29.32 -0.81 0.00	31.34 -0.80 0.00	37.63 -0.53 0.00	48.83 -0.49 0.00	55.49 -0.22 0.00	50.74 -0.46 0.00	44.65 -0.54 0.00	38.89 -0.59 0.00	36.03 -0.51 0.00
EAST_RIVER___1 323558	38.93 1.46 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.72 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.73 3.12 2.12	47.00 2.84 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.42 2.29 0.00	34.45 2.32 0.00	40.80 2.63 0.00	52.68 3.36 0.00	60.01 4.29 0.00	54.58 3.38 0.00	47.86 2.67 0.00	41.73 2.25 0.00	38.51 1.97 0.00
EAST_RIVER___2 323559	38.97 1.50 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.86 1.75 0.00	53.56 2.68 1.64	63.77 3.34 2.67	56.84 3.23 2.12	47.04 2.89 0.92	40.25 2.53 0.00	37.10 2.43 0.00	34.16 2.20 0.00	32.70 2.17 0.00	31.85 2.33 0.00	32.45 2.32 0.00	34.52 2.38 0.00	40.84 2.67 0.00	52.73 3.40 0.00	60.06 4.35 0.00	54.64 3.43 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.58 2.04 0.00
EAST___DELAWARE_HYD 23607	38.86 1.39 0.00	36.62 1.31 0.00	35.48 1.27 0.00	35.41 1.26 0.00	35.47 1.33 0.00	39.74 1.64 0.00	53.45 2.57 1.66	63.43 3.03 2.69	56.32 2.73 2.14	46.22 2.07 0.92	39.34 1.62 0.00	36.07 1.39 0.00	33.07 1.12 0.00	31.57 1.04 0.00	30.67 1.15 0.00	31.34 1.21 0.00	33.39 1.25 0.00	39.73 1.57 0.00	51.64 2.32 0.00	59.00 3.29 0.00	53.66 2.46 0.00	47.14 1.94 0.00	41.10 1.62 0.00	37.96 1.42 0.00
EIGHT_POINT___WT_PWR 323820	35.37 -2.10 0.00	33.23 -2.08 0.00	32.16 -2.05 0.00	32.33 -1.81 0.00	32.53 -1.60 0.00	36.92 -1.18 0.01	46.74 -2.10 3.69	54.15 -2.96 5.98	47.69 -3.29 4.76	39.91 -3.11 2.05	35.05 -2.68 0.00	32.22 -2.46 0.00	29.40 -2.56 0.00	27.97 -2.56 0.00	26.45 -3.07 0.00	27.45 -2.68 0.00	29.54 -2.60 0.00	36.03 -2.14 0.00	48.19 -1.13 0.00	55.49 -0.22 0.00	50.33 -0.87 0.00	43.84 -1.35 0.00	38.06 -1.42 0.00	35.26 -1.28 0.00
ELBRIDGE_115KV_TB2 80188	37.10 -0.37 0.00	35.00 -0.32 0.00	33.91 -0.31 0.00	33.90 -0.24 0.00	33.87 -0.27 0.00	37.83 -0.27 0.01	49.61 -0.26 2.65	58.41 -0.38 4.30	51.92 -0.39 3.42	43.10 -0.50 1.48	37.16 -0.57 0.00	34.12 -0.55 0.00	31.44 -0.51 0.00	30.02 -0.52 0.00	28.87 -0.65 0.00	29.53 -0.60 0.00	31.53 -0.61 0.00	37.78 -0.38 0.00	48.93 -0.39 0.00	55.55 -0.17 0.00	50.74 -0.46 0.00	44.65 -0.54 0.00	38.93 -0.55 0.00	36.06 -0.47 0.00
ELEC_TRO_TEK 24086	39.05 1.57 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.40 1.26 0.00	35.54 1.40 0.00	39.86 1.75 0.00	53.41 2.52 1.64	63.71 3.28 2.67	56.56 2.95 2.12	46.91 2.75 0.92	40.17 2.45 0.00	36.97 2.29 0.00	33.97 2.01 0.00	32.58 2.05 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.52 2.38 0.00	41.03 2.86 0.00	52.58 3.26 0.00	59.89 4.18 0.00	54.38 3.17 0.00	48.18 2.98 0.00	42.01 2.53 0.00	38.73 2.19 0.00

ELLENBURG_WT_PWR 323604	36.80 -0.67 0.00	34.68 -0.63 0.00	33.56 -0.65 0.00	33.19 -0.96 0.00	32.94 -1.20 0.00	-5.00 -1.49 41.62	-4.33 -2.10 54.76	-3.82 -2.53 64.38	-4.12 -2.39 57.45	-4.65 -1.89 47.83	36.29 -1.43 0.00	33.29 -1.39 0.00	29.56 -1.31 1.08	-5.47 -1.25 34.75	-5.57 -1.21 33.88	-5.54 -1.29 34.38	-5.39 -1.45 36.09	36.49 -1.68 0.00	47.50 -1.82 0.00	53.49 -2.23 0.00	49.87 -1.33 0.00	44.47 -0.72 0.00	38.81 -0.67 0.00	35.88 -0.66 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.86 -1.61 0.00	33.80 -1.52 0.00	32.67 -1.54 0.00	32.95 -1.19 0.00	33.18 -0.96 0.00	37.60 -0.50 0.01	46.30 -2.00 4.24	53.07 -3.15 6.87	46.87 -3.40 5.46	39.78 -2.93 2.36	35.50 -2.23 0.00	32.67 -2.01 0.00	29.65 -2.30 0.00	28.24 -2.29 0.00	26.68 -2.83 0.00	27.42 -2.71 0.00	29.50 -2.64 0.00	35.42 -2.75 0.00	46.17 -3.16 0.00	52.54 -3.18 0.00	47.72 -3.48 0.00	41.44 -3.75 0.00	36.64 -2.84 0.00	34.24 -2.30 0.00
EMPIRE_CC_1 323656	38.15 0.68 0.00	35.92 0.60 0.00	34.79 0.58 0.00	34.72 0.58 0.00	34.89 0.75 0.00	38.94 0.84 0.00	51.78 0.84 1.59	61.40 0.88 2.58	54.63 0.95 2.05	45.22 1.04 0.89	38.59 0.87 0.00	35.65 0.97 0.00	32.82 0.86 0.00	31.42 0.89 0.00	30.49 0.97 0.00	31.13 0.99 0.00	33.14 1.00 0.00	39.08 0.91 0.00	50.36 1.04 0.00	57.05 1.33 0.00	52.13 0.92 0.00	46.15 0.95 0.00	40.43 0.95 0.00	37.49 0.95 0.00
EMPIRE_CC_2 323658	38.15 0.68 0.00	35.92 0.60 0.00	34.79 0.58 0.00	34.72 0.58 0.00	34.89 0.75 0.00	38.94 0.84 0.00	51.78 0.84 1.59	61.40 0.88 2.58	54.63 0.95 2.05	45.22 1.04 0.89	38.59 0.87 0.00	35.65 0.97 0.00	32.82 0.86 0.00	31.42 0.89 0.00	30.49 0.97 0.00	31.13 0.99 0.00	33.14 1.00 0.00	39.08 0.91 0.00	50.36 1.04 0.00	57.05 1.33 0.00	52.13 0.92 0.00	46.15 0.95 0.00	40.43 0.95 0.00	37.49 0.95 0.00
ENORWICH_115KV_TB1 80156	39.68 2.21 0.00	37.33 2.01 0.00	36.03 1.81 0.00	36.02 1.88 0.00	36.08 1.95 0.00	40.43 2.32 0.01	53.15 3.47 2.85	62.58 4.10 4.62	55.12 3.07 3.67	45.24 1.76 1.59	38.67 0.94 0.00	35.06 0.38 0.00	32.15 0.19 0.00	30.50 -0.03 0.00	29.40 -0.12 0.00	30.25 0.12 0.00	32.56 0.42 0.00	39.62 1.45 0.00	52.43 3.11 0.00	60.84 5.13 0.00	55.40 4.20 0.00	48.63 3.43 0.00	42.25 2.76 0.00	39.02 2.48 0.00
ERIE_ST__34_KV_TB1-2 80199	36.35 -1.12 0.00	34.22 -1.09 0.00	33.08 -1.13 0.00	33.32 -0.82 0.00	33.56 -0.58 0.00	38.10 0.00 0.01	46.10 -2.26 4.17	52.93 -3.41 6.76	46.68 -3.68 5.38	39.55 -3.20 2.32	36.03 -1.70 0.00	33.15 -1.53 0.00	30.10 -1.85 0.00	28.64 -1.89 0.00	27.07 -2.45 0.00	27.81 -2.32 0.00	29.89 -2.25 0.00	35.95 -2.21 0.00	47.01 -2.32 0.00	53.54 -2.17 0.00	48.64 -2.56 0.00	42.21 -2.98 0.00	37.23 -2.25 0.00	34.78 -1.75 0.00
ERIE_WT_PWR 323693	36.09 -1.39 0.00	34.05 -1.27 0.00	32.88 -1.33 0.00	33.15 -0.99 0.00	33.39 -0.75 0.00	37.87 -0.23 0.01	46.45 -1.89 4.20	53.33 -2.96 6.80	47.03 -3.29 5.41	39.90 -2.84 2.34	35.80 -1.92 0.00	32.94 -1.73 0.00	30.01 -1.95 0.00	28.43 -2.11 0.00	26.89 -2.63 0.00	27.60 -2.53 0.00	29.70 -2.44 0.00	35.69 -2.48 0.00	46.56 -2.76 0.00	52.93 -2.78 0.00	48.13 -3.07 0.00	41.99 -3.21 0.00	37.04 -2.45 0.00	34.60 -1.94 0.00
ESPRGFLD_115KV_TB1 80157	39.46 1.99 0.00	37.15 1.84 0.00	35.99 1.78 0.00	35.95 1.81 0.00	36.02 1.88 0.00	40.43 2.32 0.00	53.96 3.41 1.98	63.98 4.10 3.21	56.52 3.34 2.56	46.18 2.21 1.10	39.38 1.66 0.00	35.93 1.25 0.00	33.07 1.12 0.00	31.51 0.98 0.00	30.43 0.92 0.00	31.22 1.08 0.00	33.49 1.35 0.00	40.19 2.02 0.00	52.58 3.26 0.00	60.12 4.40 0.00	54.79 3.58 0.00	48.13 2.94 0.00	41.89 2.41 0.00	38.69 2.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.00 0.52 0.00	35.81 0.49 0.00	34.69 0.48 0.00	34.69 0.55 0.00	34.72 0.58 0.00	38.90 0.80 0.01	50.74 1.21 3.00	59.61 1.39 4.87	52.81 0.95 3.87	43.81 0.41 1.67	37.84 0.11 0.00	34.64 -0.03 0.00	31.83 -0.13 0.00	30.35 -0.18 0.00	29.16 -0.35 0.00	29.89 -0.24 0.00	32.01 -0.13 0.00	38.55 0.38 0.00	50.21 0.89 0.00	57.39 1.67 0.00	52.33 1.13 0.00	45.96 0.77 0.00	40.00 0.51 0.00	37.01 0.47 0.00
ETNA____115KV_TB2 80207	38.00 0.52 0.00	35.81 0.49 0.00	34.69 0.48 0.00	34.69 0.55 0.00	34.72 0.58 0.00	38.90 0.80 0.01	50.74 1.21 3.00	59.61 1.39 4.87	52.81 0.95 3.87	43.81 0.41 1.67	37.84 0.11 0.00	34.64 -0.03 0.00	31.83 -0.13 0.00	30.35 -0.18 0.00	29.16 -0.35 0.00	29.89 -0.24 0.00	32.01 -0.13 0.00	38.55 0.38 0.00	50.21 0.89 0.00	57.39 1.67 0.00	52.33 1.13 0.00	45.96 0.77 0.00	40.00 0.51 0.00	37.01 0.47 0.00
EUCLID____115KV_TB2 356179	36.80 -0.67 0.00	34.71 -0.60 0.00	33.63 -0.58 0.00	33.63 -0.51 0.00	33.56 -0.58 0.00	37.53 -0.57 0.01	48.15 -0.74 3.64	56.30 -0.88 5.91	50.19 -0.84 4.70	42.23 -0.81 2.03	36.89 -0.83 0.00	33.91 -0.76 0.00	31.28 -0.67 0.00	29.86 -0.67 0.00	28.72 -0.80 0.00	29.38 -0.75 0.00	31.37 -0.77 0.00	37.59 -0.57 0.00	48.59 -0.74 0.00	55.16 -0.56 0.00	50.38 -0.82 0.00	44.34 -0.86 0.00	38.69 -0.79 0.00	35.84 -0.69 0.00
E_CANADA_CAP_HY 24051	39.87 2.40 0.00	37.51 2.19 0.00	36.30 2.09 0.00	36.26 2.12 0.00	36.36 2.22 0.00	40.81 2.71 0.00	54.68 3.94 1.79	64.92 4.73 2.91	57.21 3.79 2.31	46.42 2.34 1.00	39.42 1.70 0.00	35.96 1.28 0.00	33.17 1.21 0.00	31.63 1.10 0.00	30.58 1.06 0.00	31.34 1.21 0.00	33.75 1.61 0.00	40.61 2.44 0.00	53.27 3.95 0.00	60.90 5.18 0.00	55.45 4.25 0.00	48.81 3.62 0.00	42.48 3.00 0.00	39.24 2.70 0.00
E_CANADA_MHWK_HY 24050	36.35 -1.12 0.00	34.15 -1.16 0.00	33.01 -1.20 0.00	32.88 -1.26 0.00	32.84 -1.30 0.00	36.58 -1.53 0.00	48.58 -2.00 1.96	57.58 -2.33 3.18	51.14 -2.06 2.53	42.27 -1.71 1.09	36.25 -1.47 0.00	33.29 -1.39 0.00	30.68 -1.28 0.00	29.31 -1.22 0.00	28.36 -1.15 0.00	28.99 -1.15 0.00	30.89 -1.25 0.00	36.64 -1.53 0.00	47.45 -1.87 0.00	53.99 -1.73 0.00	49.67 -1.53 0.00	43.93 -1.27 0.00	38.46 -1.03 0.00	35.59 -0.95 0.00
E_FISHKILL____LBMP 23776	38.63 1.16 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.17 1.02 0.00	35.27 1.13 0.00	39.48 1.37 0.00	52.88 2.00 1.64	62.95 2.52 2.66	56.01 2.40 2.12	46.28 2.12 0.91	39.57 1.85 0.00	36.45 1.77 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.23 1.71 0.00	31.82 1.69 0.00	33.87 1.74 0.00	40.15 1.98 0.00	51.84 2.52 0.00	58.95 3.23 0.00	53.71 2.51 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.07 1.53 0.00
FALCON____SEABRD_CC1 323796	36.61 -0.86 0.00	34.50 -0.81 0.00	33.36 -0.85 0.00	32.81 -1.33 0.00	32.40 -1.74 0.00	-6.24 -2.10 42.26	-6.01 -2.94 55.60	-5.81 -3.53 65.37	-5.95 -3.34 58.34	-6.20 -2.70 48.56	35.65 -2.07 0.00	32.66 -2.01 0.00	28.94 -1.92 1.10	-6.52 -1.77 35.28	-6.56 -1.68 34.40	-6.55 -1.78 34.91	-6.49 -1.99 36.64	35.84 -2.33 0.00	46.91 -2.42 0.00	53.10 -2.62 0.00	49.52 -1.69 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	35.92 -0.62 0.00

FALCON___SEABRD_CC2 323797	36.61 -0.86 0.00	34.50 -0.81 0.00	33.36 -0.85 0.00	32.81 -1.33 0.00	32.40 -1.74 0.00	-6.24 -2.10 42.26	-6.01 -2.94 55.60	-5.81 -3.53 65.37	-5.95 -3.34 58.34	-6.20 -2.70 48.56	35.65 -2.07 0.00	32.66 -2.01 0.00	28.94 -1.92 1.10	-6.52 -1.77 35.28	-6.56 -1.68 34.40	-6.55 -1.78 34.91	-6.49 -1.99 36.64	35.84 -2.33 0.00	46.91 -2.42 0.00	53.10 -2.62 0.00	49.52 -1.69 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	35.92 -0.62 0.00
FAR ROCKAWAY___4 23548	39.50 2.02 0.00	37.08 1.77 0.00	35.92 1.71 0.00	35.81 1.67 0.00	35.95 1.81 0.00	40.35 2.25 0.00	54.14 3.26 1.64	64.59 4.16 2.67	57.29 3.68 2.12	47.45 3.29 0.92	40.63 2.90 0.00	37.35 2.67 0.00	34.32 2.36 0.00	32.89 2.35 0.00	32.11 2.60 0.00	32.69 2.56 0.00	34.90 2.76 0.00	41.52 3.36 0.00	53.32 4.00 0.00	60.73 5.01 0.00	55.15 3.94 0.00	48.86 3.66 0.00	42.52 3.04 0.00	39.24 2.70 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.97 1.50 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.77 3.34 2.67	56.79 3.18 2.12	47.00 2.84 0.92	40.25 2.53 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.42 2.29 0.00	34.49 2.35 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.58 3.38 0.00	47.91 2.71 0.00	41.81 2.33 0.00	38.51 1.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.97 1.50 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.86 1.75 0.00	53.51 2.63 1.64	63.77 3.34 2.67	56.79 3.18 2.12	47.00 2.84 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.42 2.29 0.00	34.45 2.31 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.58 3.38 0.00	47.91 2.71 0.00	41.81 2.33 0.00	38.51 1.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.73 3.12 2.12	47.00 2.84 0.92	40.21 2.49 0.00	37.04 2.36 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.45 2.31 0.00	40.80 2.63 0.00	52.63 3.30 0.00	59.89 4.18 0.00	54.53 3.33 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.47 1.94 0.00
FARRAGUT___LBMP 323566	38.90 1.42 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.78 1.68 0.00	53.46 2.57 1.64	63.64 3.22 2.67	56.67 3.07 2.12	46.95 2.79 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.10 2.14 0.00	32.61 2.08 0.00	31.79 2.27 0.00	32.36 2.23 0.00	34.42 2.28 0.00	40.76 2.60 0.00	52.63 3.30 0.00	59.84 4.12 0.00	54.53 3.33 0.00	47.86 2.67 0.00	41.74 2.25 0.00	38.47 1.94 0.00
FENNER___WINDPWR 24204	38.07 0.60 0.00	35.88 0.56 0.00	34.76 0.55 0.00	34.72 0.58 0.00	34.72 0.58 0.00	38.82 0.72 0.01	50.91 1.15 2.77	59.98 1.39 4.50	53.20 1.06 3.58	44.16 0.63 1.54	38.06 0.34 0.00	34.85 0.17 0.00	32.08 0.13 0.00	30.60 0.06 0.00	29.49 -0.03 0.00	30.19 0.06 0.00	32.27 0.13 0.00	38.63 0.46 0.00	50.21 0.89 0.00	57.22 1.50 0.00	52.28 1.08 0.00	46.01 0.81 0.00	40.08 0.59 0.00	37.09 0.55 0.00
FIBERTEK___ENERGY 23856	37.29 -0.19 0.00	35.17 -0.14 0.00	34.08 -0.14 0.00	34.07 -0.07 0.00	34.04 -0.10 0.00	38.02 -0.08 0.01	49.83 0.05 2.75	58.70 0.06 4.46	52.13 -0.06 3.55	43.36 -0.18 1.53	37.38 -0.34 0.00	34.33 -0.35 0.00	31.64 -0.32 0.00	30.17 -0.37 0.00	29.01 -0.50 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.05 -0.11 0.00	49.23 -0.10 0.00	55.94 0.22 0.00	51.05 -0.15 0.00	44.92 -0.27 0.00	39.13 -0.36 0.00	36.28 -0.26 0.00
FITZPATRICK____ 23598	36.35 -1.12 0.00	34.29 -1.03 0.00	33.22 -0.99 0.00	33.19 -0.96 0.00	33.08 -1.06 0.00	36.86 -1.22 0.03	37.03 -1.57 13.92	38.57 -1.96 22.57	36.00 -1.79 17.95	35.83 -1.49 7.75	36.40 -1.32 0.00	33.50 -1.18 0.00	30.93 -1.02 0.00	29.53 -1.01 0.00	28.46 -1.06 0.00	29.08 -1.06 0.00	31.05 -1.09 0.00	37.06 -1.11 0.00	47.74 -1.58 0.00	54.21 -1.50 0.00	49.62 -1.59 0.00	43.75 -1.45 0.00	38.18 -1.30 0.00	35.37 -1.17 0.00
FLOWRFLD_69_KV_BK1 356044	39.20 1.72 0.00	36.69 1.38 0.00	35.58 1.37 0.00	35.44 1.30 0.00	35.61 1.47 0.00	39.97 1.87 0.00	53.51 2.63 1.64	64.15 3.72 2.67	56.67 3.07 2.12	47.09 2.93 0.92	40.29 2.57 0.00	37.00 2.32 0.00	33.97 2.01 0.00	32.76 2.23 0.00	32.08 2.57 0.00	32.57 2.44 0.00	34.71 2.57 0.00	41.45 3.28 0.00	52.83 3.50 0.00	60.28 4.57 0.00	54.58 3.38 0.00	48.63 3.43 0.00	42.37 2.88 0.00	39.09 2.56 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.01 1.54 0.00	36.73 1.41 0.00	35.55 1.33 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.86 1.75 0.00	53.62 2.73 1.65	63.77 3.34 2.67	56.67 3.07 2.12	46.68 2.52 0.92	39.80 2.07 0.00	36.55 1.87 0.00	33.59 1.63 0.00	32.12 1.59 0.00	31.26 1.74 0.00	31.91 1.78 0.00	33.97 1.83 0.00	40.34 2.18 0.00	52.33 3.01 0.00	59.73 4.01 0.00	54.33 3.12 0.00	47.73 2.53 0.00	41.62 2.13 0.00	38.40 1.86 0.00
FORT ORANGE____ 23900	38.15 0.68 0.00	35.92 0.60 0.00	34.83 0.62 0.00	34.76 0.62 0.00	34.86 0.72 0.00	38.94 0.84 0.00	52.04 1.10 1.59	61.77 1.26 2.58	54.90 1.22 2.05	45.18 0.99 0.89	38.52 0.79 0.00	35.48 0.80 0.00	32.69 0.74 0.00	31.30 0.76 0.00	30.34 0.83 0.00	30.98 0.84 0.00	33.04 0.90 0.00	39.08 0.91 0.00	50.61 1.28 0.00	57.50 1.78 0.00	52.48 1.28 0.00	46.32 1.13 0.00	40.51 1.02 0.00	37.49 0.95 0.00
FORT_DRUM_COGEN 23780	37.96 0.49 0.00	35.77 0.46 0.00	34.62 0.41 0.00	34.52 0.38 0.00	34.55 0.41 0.00	40.42 0.46 -1.85	53.90 0.95 -0.42	64.34 1.14 -0.11	56.60 0.45 -0.42	45.94 -0.14 -1.01	37.27 -0.45 0.00	33.91 -0.76 0.00	31.30 -0.70 -0.05	31.21 -0.79 -1.46	30.12 -0.83 -1.43	30.86 -0.72 -1.45	32.95 -0.71 -1.52	37.94 -0.23 0.00	49.72 0.39 0.00	57.05 1.34 0.00	52.28 1.08 0.00	46.01 0.81 0.00	39.92 0.43 0.00	37.05 0.51 0.00
FOX_HILLS___ESR 323835	53.23 1.91 -13.85	52.57 1.80 -15.45	52.53 1.71 -16.60	52.56 1.74 -16.68	39.94 1.84 -3.96	53.27 2.13 -13.03	54.17 2.89 1.25	64.09 3.66 2.67	58.08 3.40 1.05	65.52 3.02 -17.43	69.43 2.64 -29.06	71.47 2.50 -34.30	74.31 2.27 -40.08	78.02 2.20 -45.29	70.64 2.39 -38.74	63.68 2.35 -31.19	71.62 2.44 -37.04	96.25 2.82 -55.26	96.21 3.65 -43.23	96.13 4.62 -35.79	96.20 3.74 -41.26	59.38 3.03 -11.16	56.77 2.65 -14.64	53.92 2.23 -15.16
FPL FAR_ROCK_GT1 24212	39.49 2.02 0.00	37.08 1.77 0.00	35.92 1.71 0.00	35.81 1.67 0.00	35.95 1.81 0.00	40.35 2.25 0.00	54.04 3.15 1.64	64.47 4.04 2.67	57.18 3.57 2.12	47.40 3.25 0.92	40.55 2.83 0.00	37.35 2.67 0.00	34.29 2.33 0.00	32.89 2.35 0.00	32.11 2.60 0.00	32.69 2.56 0.00	34.87 2.73 0.00	41.49 3.32 -0.01	53.32 3.99 0.00	60.79 5.07 0.00	55.15 3.94 0.00	48.76 3.57 0.00	42.48 3.00 0.00	39.17 2.63 0.00

FPL FAR_ROCK_GT2 23815	39.49 2.02 0.00	37.08 1.77 0.00	35.92 1.71 0.00	35.81 1.67 0.00	35.95 1.81 0.00	40.35 2.25 0.00	54.04 3.15 1.64	64.47 4.04 2.67	57.18 3.57 2.12	47.40 3.25 0.92	40.55 2.83 0.00	37.35 2.67 0.00	34.29 2.33 0.00	32.89 2.35 0.00	32.11 2.60 0.00	32.69 2.56 0.00	34.87 2.73 0.00	41.49 3.32 -0.01	53.32 3.99 0.00	60.79 5.07 0.00	55.15 3.94 0.00	48.76 3.57 0.00	42.48 3.00 0.00	39.17 2.63 0.00
FRANKLIN_FALL_HYD 24054	37.25 -0.22 0.00	35.07 -0.25 0.00	33.97 -0.24 0.00	33.59 -0.55 0.00	33.46 -0.68 0.00	65.01 -0.84 -27.75	86.83 -1.26 -35.56	104.88 -1.51 -43.30	92.85 -1.67 -38.79	75.13 -1.31 -31.37	36.82 -0.91 0.00	33.67 -1.01 0.00	31.71 -0.96 -0.71	52.52 -0.89 -22.87	50.90 -0.92 -22.30	51.74 -1.02 -22.63	54.80 -1.09 -23.75	36.87 -1.30 0.00	48.04 -1.28 0.00	54.16 -1.56 0.00	50.44 -0.77 0.00	44.79 -0.41 0.00	39.09 -0.39 0.00	36.10 -0.44 0.00
FREEPORT_EQUS_GT1 23764	39.23 1.76 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.54 1.40 0.00	35.68 1.54 0.00	40.01 1.90 0.00	53.56 2.68 1.64	63.90 3.47 2.67	56.67 3.06 2.12	47.04 2.89 0.92	40.25 2.53 0.00	37.14 2.46 0.00	34.10 2.14 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.68 2.54 0.00	41.23 3.05 -0.01	52.88 3.55 0.00	60.29 4.57 0.00	54.69 3.48 0.00	48.40 3.21 0.00	42.21 2.72 0.00	38.88 2.34 0.00
FREEPORT___CT2 23818	39.23 1.76 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.54 1.40 0.00	35.68 1.54 0.00	40.01 1.90 0.00	53.56 2.68 1.64	63.90 3.47 2.67	56.67 3.06 2.12	47.04 2.89 0.92	40.25 2.53 0.00	37.14 2.46 0.00	34.10 2.14 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.68 2.54 0.00	41.23 3.05 -0.01	52.88 3.55 0.00	60.29 4.57 0.00	54.69 3.48 0.00	48.40 3.21 0.00	42.21 2.72 0.00	38.88 2.34 0.00
FRESHKLS_33_KV_LOAD 356253	53.23 1.91 -13.85	52.57 1.80 -15.45	52.53 1.71 -16.60	52.56 1.74 -16.68	39.94 1.84 -3.96	53.24 2.10 -13.03	54.01 2.73 1.25	63.83 3.41 2.67	57.74 3.18 1.17	57.20 2.88 -9.25	55.22 2.49 -15.01	55.18 2.36 -18.14	55.16 2.14 -21.07	56.60 2.11 -23.96	56.60 2.27 -24.81	56.57 2.23 -24.21	57.42 2.35 -22.93	57.93 2.67 -17.10	58.02 3.50 -5.19	60.51 4.46 -0.34	58.53 3.58 -3.74	58.00 2.89 -9.91	56.73 2.61 -14.64	53.89 2.19 -15.16
FULTON COGEN____ 23766	36.76 -0.71 0.00	34.71 -0.60 0.00	33.63 -0.58 0.00	33.59 -0.55 0.00	33.52 -0.61 0.00	37.46 -0.65 0.00	50.22 -0.79 1.52	59.68 -0.95 2.47	52.88 -0.89 1.96	43.37 -0.86 0.85	36.86 -0.87 0.00	33.84 -0.83 0.00	31.22 -0.73 0.00	29.80 -0.73 0.00	28.69 -0.83 0.00	29.35 -0.78 0.00	31.34 -0.80 0.00	37.55 -0.61 0.00	48.49 -0.84 0.00	55.10 -0.61 0.00	50.28 -0.92 0.00	44.29 -0.90 0.00	38.58 -0.91 0.00	35.77 -0.77 0.00
FULTON___LFGE 323630	39.76 2.29 0.00	37.40 2.08 0.00	36.20 1.98 0.00	36.15 2.01 0.00	36.26 2.12 0.00	40.70 2.59 0.00	54.55 3.73 1.72	64.86 4.55 2.78	57.25 3.73 2.21	46.41 2.30 0.95	39.46 1.74 0.00	35.99 1.32 0.00	33.20 1.25 0.00	31.67 1.13 0.00	30.61 1.09 0.00	31.37 1.24 0.00	33.75 1.61 0.00	40.49 2.33 0.00	53.12 3.80 0.00	60.62 4.90 0.00	55.25 4.04 0.00	48.67 3.48 0.00	42.37 2.88 0.00	39.13 2.59 0.00
G.F.CEMENT___DRP 24184	38.52 1.05 0.00	36.23 0.92 0.00	35.10 0.89 0.00	35.03 0.89 0.00	35.13 0.99 0.00	39.36 1.26 0.00	52.92 2.00 1.61	63.07 2.59 2.61	56.11 2.45 2.07	45.89 1.71 0.90	39.01 1.28 0.00	35.65 0.97 0.00	32.75 0.80 0.00	31.24 0.70 0.00	30.22 0.71 0.00	30.86 0.72 0.00	33.10 0.96 0.00	39.46 1.30 0.00	51.35 2.02 0.00	58.39 2.67 0.00	53.30 2.10 0.00	47.91 2.71 0.00	41.81 2.33 0.00	38.66 2.12 0.00
GARDENVILLE___LBMP 24039	35.97 -1.50 0.00	33.90 -1.41 0.00	32.78 -1.44 0.00	33.05 -1.09 0.00	33.29 -0.85 0.00	37.76 -0.34 0.01	46.37 -1.94 4.21	53.17 -3.09 6.83	46.89 -3.40 5.44	39.80 -2.93 2.35	35.65 -2.07 0.00	32.80 -1.87 0.00	29.78 -2.17 0.00	28.34 -2.20 0.00	26.77 -2.75 0.00	27.51 -2.62 0.00	29.60 -2.54 0.00	35.53 -2.63 0.00	46.42 -2.91 0.00	52.82 -2.90 0.00	47.93 -3.28 0.00	41.62 -3.57 0.00	36.76 -2.72 0.00	34.38 -2.16 0.00
GARDNVLA_35_KV_LD 355827	36.20 -1.27 0.00	34.11 -1.20 0.00	32.98 -1.23 0.00	33.25 -0.89 0.00	33.49 -0.65 0.00	37.98 -0.11 0.01	46.61 -1.73 4.19	53.47 -2.84 6.79	47.15 -3.18 5.40	39.99 -2.75 2.33	35.87 -1.85 0.00	33.01 -1.66 0.00	29.94 -2.01 0.00	28.52 -2.02 0.00	26.92 -2.60 0.00	27.66 -2.47 0.00	29.76 -2.38 0.00	35.76 -2.40 0.00	46.66 -2.66 0.00	53.10 -2.62 0.00	48.23 -2.97 0.00	41.90 -3.30 0.00	37.00 -2.49 0.00	34.60 -1.94 0.00
GELCKHM___115KV_LOAD 80723	36.99 -0.49 0.00	34.89 -0.42 0.00	33.80 -0.41 0.00	33.80 -0.34 0.00	33.73 -0.41 0.00	37.68 -0.42 0.01	48.71 -0.47 3.35	57.10 -0.57 5.43	50.86 -0.56 4.32	42.62 -0.59 1.86	37.08 -0.64 0.00	34.05 -0.62 0.00	31.41 -0.54 0.00	29.99 -0.55 0.00	28.84 -0.68 0.00	29.50 -0.63 0.00	31.50 -0.64 0.00	37.75 -0.42 0.00	48.83 -0.49 0.00	55.44 -0.28 0.00	50.64 -0.56 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	35.99 -0.55 0.00
GENERAL___MILLS 23808	36.09 -1.39 0.00	34.01 -1.31 0.00	32.88 -1.33 0.00	33.15 -0.99 0.00	33.39 -0.75 0.00	37.87 -0.23 0.01	46.44 -1.89 4.20	53.26 -3.03 6.80	46.97 -3.34 5.41	39.85 -2.88 2.34	35.72 -2.00 0.00	32.91 -1.77 0.00	29.85 -2.11 0.00	28.43 -2.11 0.00	26.83 -2.69 0.00	27.57 -2.56 0.00	29.66 -2.47 0.00	35.65 -2.52 0.00	46.51 -2.81 0.00	52.93 -2.79 0.00	48.08 -3.12 0.00	41.76 -3.43 0.00	36.88 -2.61 0.00	34.49 -2.05 0.00
GE_PLASTICS___DRP 24183	38.07 0.60 0.00	35.85 0.53 0.00	34.76 0.55 0.00	34.69 0.55 0.00	34.79 0.65 0.00	38.83 0.72 0.00	51.89 0.95 1.59	61.59 1.07 2.57	54.80 1.11 2.05	45.18 0.99 0.88	38.51 0.79 0.00	35.47 0.80 0.00	32.69 0.73 0.00	31.30 0.76 0.00	30.31 0.80 0.00	30.95 0.81 0.00	32.97 0.84 0.00	39.01 0.84 0.00	50.46 1.13 0.00	57.28 1.56 0.00	52.33 1.13 0.00	46.19 0.99 0.00	40.39 0.91 0.00	37.38 0.84 0.00
GILBOA___1 23756	38.11 0.64 0.00	35.92 0.60 0.00	34.79 0.58 0.00	34.72 0.58 0.00	34.82 0.68 0.00	38.90 0.80 0.00	51.76 1.10 1.87	61.25 1.20 3.04	54.60 1.28 2.42	45.11 1.08 1.04	38.67 0.94 0.00	35.54 0.87 0.00	32.72 0.77 0.00	31.30 0.76 0.00	30.34 0.83 0.00	30.98 0.84 0.00	33.01 0.87 0.00	39.16 0.99 0.00	50.66 1.33 0.00	57.55 1.84 0.00	52.53 1.33 0.00	46.28 1.08 0.00	40.47 0.99 0.00	37.41 0.88 0.00
GILBOA___2 23757	38.11 0.64 0.00	35.92 0.60 0.00	34.79 0.58 0.00	34.72 0.58 0.00	34.82 0.68 0.00	38.90 0.80 0.00	51.76 1.10 1.87	61.25 1.20 3.04	54.60 1.28 2.42	45.11 1.08 1.04	38.67 0.94 0.00	35.54 0.87 0.00	32.72 0.77 0.00	31.30 0.76 0.00	30.34 0.83 0.00	30.98 0.84 0.00	33.01 0.87 0.00	39.16 0.99 0.00	50.66 1.33 0.00	57.55 1.84 0.00	52.53 1.33 0.00	46.28 1.08 0.00	40.47 0.99 0.00	37.41 0.88 0.00

GILBOA___3 23758	38.11 0.64 0.00	35.92 0.60 0.00	34.79 0.58 0.00	34.72 0.58 0.00	34.82 0.68 0.00	38.90 0.80 0.00	51.76 1.10 1.87	61.25 1.20 3.04	54.60 1.28 2.42	45.11 1.08 1.04	38.67 0.94 0.00	35.54 0.87 0.00	32.72 0.77 0.00	31.30 0.76 0.00	30.34 0.83 0.00	30.98 0.84 0.00	33.01 0.87 0.00	39.16 0.99 0.00	50.66 1.33 0.00	57.55 1.84 0.00	52.53 1.33 0.00	46.28 1.08 0.00	40.47 0.99 0.00	37.41 0.88 0.00
GILBOA___4 23759	38.11 0.64 0.00	35.92 0.60 0.00	34.79 0.58 0.00	34.72 0.58 0.00	34.82 0.68 0.00	38.90 0.80 0.00	51.76 1.10 1.87	61.25 1.20 3.04	54.60 1.28 2.42	45.11 1.08 1.04	38.67 0.94 0.00	35.54 0.87 0.00	32.72 0.77 0.00	31.30 0.76 0.00	30.34 0.83 0.00	30.98 0.84 0.00	33.01 0.87 0.00	39.16 0.99 0.00	50.66 1.33 0.00	57.55 1.84 0.00	52.53 1.33 0.00	46.28 1.08 0.00	40.47 0.99 0.00	37.41 0.88 0.00
GILBOA___ 23599	38.11 0.64 0.00	35.92 0.60 0.00	34.80 0.58 0.00	34.72 0.58 0.00	34.82 0.68 0.00	38.90 0.80 0.00	51.76 1.10 1.87	61.25 1.20 3.04	54.59 1.28 2.42	45.15 1.13 1.04	38.67 0.94 0.00	35.58 0.90 0.00	32.75 0.80 0.00	31.30 0.76 0.00	30.34 0.83 0.00	30.98 0.84 0.00	33.01 0.87 0.00	39.16 0.99 0.00	50.66 1.33 0.00	57.50 1.78 0.00	52.54 1.33 0.00	46.32 1.13 0.00	40.47 0.99 0.00	37.41 0.88 0.00
GINNA___ 23603	34.89 -2.59 0.00	32.95 -2.37 0.00	31.89 -2.33 0.00	31.96 -2.19 0.00	31.99 -2.15 0.00	36.00 -2.10 0.01	45.31 -2.79 4.44	52.49 -3.41 7.19	46.61 -3.40 5.72	39.63 -2.98 2.47	34.85 -2.87 0.00	31.94 -2.74 0.00	29.30 -2.65 0.00	27.82 -2.72 0.00	26.65 -2.86 0.00	27.18 -2.95 0.00	29.15 -2.99 0.00	35.00 -3.17 0.00	45.77 -3.55 0.00	51.98 -3.73 0.00	47.47 -3.74 0.00	41.67 -3.53 0.00	36.40 -3.08 0.00	33.69 -2.85 0.00
GLEN PARK___ 23778	38.22 0.75 0.00	36.02 0.71 0.00	34.86 0.65 0.00	34.76 0.62 0.00	34.79 0.65 0.00	40.63 0.76 -1.76	54.17 1.36 -0.28	64.58 1.58 0.09	56.75 0.78 -0.24	46.05 0.09 -0.89	37.42 -0.30 0.00	34.02 -0.66 0.00	31.36 -0.64 -0.04	31.20 -0.73 -1.40	30.11 -0.77 -1.36	30.85 -0.66 -1.38	33.01 -0.58 -1.45	38.17 0.00 0.00	50.07 0.74 0.00	57.50 1.78 0.00	52.74 1.53 0.00	46.37 1.17 0.00	40.23 0.75 0.00	37.31 0.77 0.00
GLENDALE_27_KV_LOAD 356172	39.28 1.80 -0.01	37.02 1.70 -0.01	35.83 1.61 -0.01	35.75 1.60 -0.01	35.89 1.74 -0.01	40.65 2.06 -0.48	54.01 3.10 1.62	64.34 3.91 2.67	57.45 3.68 1.96	55.92 3.20 -7.65	55.17 2.83 -14.62	54.18 2.67 -16.83	54.19 2.43 -19.80	55.11 2.35 -22.22	46.90 2.54 -14.85	40.52 2.50 -7.89	49.71 2.60 -14.97	56.68 2.98 -15.54	59.35 3.80 -6.22	65.22 4.74 -4.77	57.49 3.84 -2.44	49.97 3.16 -1.61	42.71 2.68 -0.54	39.36 2.27 -0.56
GLENWOOD_IC_1_G5 23712	39.20 1.72 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.54 1.40 0.00	35.67 1.54 0.00	40.05 1.94 0.00	53.67 2.78 1.64	64.09 3.66 2.67	56.84 3.23 2.12	47.13 2.97 0.92	40.36 2.64 0.00	37.14 2.46 0.00	34.13 2.17 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.71 2.57 0.00	41.26 3.09 0.00	52.88 3.55 0.00	60.23 4.51 0.00	54.69 3.48 0.00	48.45 3.25 0.00	42.21 2.72 0.00	38.91 2.37 0.00
GLENWOOD_IC_2_G1 23688	39.12 1.65 0.00	36.73 1.41 0.00	35.62 1.40 0.00	35.51 1.37 0.00	35.64 1.50 0.00	39.97 1.87 0.00	53.51 2.63 1.64	63.83 3.40 2.67	56.67 3.06 2.12	47.04 2.89 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.06 2.11 0.00	32.64 2.11 0.00	31.91 2.39 0.00	32.48 2.35 0.00	34.58 2.44 0.00	41.07 2.90 -0.01	52.78 3.45 0.00	60.12 4.40 0.00	54.58 3.38 0.00	48.22 3.03 0.00	42.09 2.61 0.00	38.77 2.23 0.00
GLENWOOD_IC_3_G1 23689	39.12 1.65 0.00	36.73 1.41 0.00	35.62 1.40 0.00	35.51 1.37 0.00	35.64 1.50 0.00	39.97 1.87 0.00	53.51 2.63 1.64	63.83 3.40 2.67	56.67 3.06 2.12	47.04 2.89 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.06 2.11 0.00	32.64 2.11 0.00	31.91 2.39 0.00	32.48 2.35 0.00	34.58 2.44 0.00	41.07 2.90 -0.01	52.78 3.45 0.00	60.12 4.40 0.00	54.58 3.38 0.00	48.22 3.03 0.00	42.09 2.61 0.00	38.77 2.23 0.00
GLENWOOD___4 23550	39.20 1.72 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.54 1.40 0.00	35.67 1.54 0.00	40.05 1.94 0.00	53.67 2.78 1.64	64.09 3.66 2.67	56.84 3.23 2.12	47.13 2.97 0.92	40.36 2.64 0.00	37.14 2.46 0.00	34.13 2.17 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.71 2.57 0.00	41.26 3.09 0.00	52.88 3.55 0.00	60.23 4.51 0.00	54.69 3.48 0.00	48.45 3.25 0.00	42.21 2.72 0.00	38.91 2.37 0.00
GLENWOOD___5 23614	39.20 1.72 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.54 1.40 0.00	35.67 1.54 0.00	40.05 1.94 0.00	53.67 2.78 1.64	64.09 3.66 2.67	56.84 3.23 2.12	47.13 2.97 0.92	40.36 2.64 0.00	37.14 2.46 0.00	34.13 2.17 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.71 2.57 0.00	41.26 3.09 0.00	52.88 3.55 0.00	60.23 4.51 0.00	54.69 3.48 0.00	48.45 3.25 0.00	42.21 2.72 0.00	38.91 2.37 0.00
GLOBAL GREEN_PORT_GT1 23814	39.16 1.69 0.00	36.58 1.27 0.00	35.31 1.09 0.00	34.96 0.82 0.00	35.06 0.92 0.00	39.44 1.33 0.00	52.88 2.00 1.64	63.64 3.22 2.67	56.23 2.62 2.12	46.63 2.48 0.92	39.42 1.70 0.00	36.20 1.52 0.00	33.27 1.31 0.00	32.40 1.86 0.00	31.73 2.21 0.00	31.97 1.84 0.00	33.91 1.77 0.00	40.58 2.41 -0.01	51.94 2.61 0.00	59.39 3.68 0.00	53.66 2.46 0.00	47.63 2.44 0.00	41.62 2.13 0.00	38.40 1.86 0.00
GLOBE___DSASP 323697	34.89 -2.59 0.00	32.91 -2.40 0.00	31.78 -2.43 0.00	32.02 -2.12 0.00	32.26 -1.88 0.00	36.54 -1.56 0.01	45.19 -3.05 4.30	51.52 -4.61 6.97	45.51 -4.68 5.54	38.85 -3.83 2.39	34.33 -3.40 0.00	31.63 -3.05 0.00	28.73 -3.23 0.00	27.36 -3.18 0.00	25.86 -3.66 0.00	26.61 -3.53 0.00	28.64 -3.50 0.00	34.23 -3.93 0.00	44.59 -4.74 0.00	50.65 -5.07 0.00	46.03 -5.17 0.00	40.04 -5.15 0.00	35.50 -3.99 0.00	33.21 -3.32 0.00
GOETHSLN___LBMP 323567	38.71 1.24 0.00	36.45 1.13 0.00	35.31 1.09 0.00	35.23 1.09 0.00	35.33 1.19 0.00	39.55 1.45 0.00	53.20 2.31 1.64	63.27 2.84 2.67	56.40 2.79 2.12	46.68 2.52 0.92	39.99 2.26 0.00	36.86 2.18 0.00	33.94 1.98 0.00	32.46 1.92 0.00	31.70 2.18 0.00	32.27 2.14 0.00	34.26 2.12 0.00	40.57 2.40 0.00	52.33 3.01 0.00	59.56 3.84 0.00	54.28 3.07 0.00	47.64 2.44 0.00	41.54 2.05 0.00	38.25 1.72 0.00
GOLAH___69_KV_TB 1_2 80279	36.50 -0.97 0.00	34.50 -0.81 0.00	33.39 -0.82 0.00	33.49 -0.65 0.00	33.59 -0.55 0.00	37.95 -0.15 0.01	47.74 -0.32 4.47	55.08 -0.76 7.26	48.68 -1.28 5.77	41.27 -1.31 2.49	36.18 -1.55 0.00	33.15 -1.53 0.00	30.26 -1.69 0.00	28.76 -1.77 0.00	27.39 -2.13 0.00	28.02 -2.11 0.00	30.08 -2.06 0.00	36.10 -2.06 0.00	47.15 -2.17 0.00	53.65 -2.06 0.00	48.90 -2.30 0.00	42.75 -2.44 0.00	37.47 -2.01 0.00	34.78 -1.75 0.00

GOODYEAR_LAKE_HYD 323669	38.82 1.35 0.00	36.55 1.24 0.00	35.41 1.20 0.00	35.37 1.23 0.00	35.44 1.30 0.00	39.70 1.60 0.00	52.56 2.36 2.34	62.14 2.84 3.79	55.17 2.45 3.01	45.53 1.76 1.30	39.08 1.36 0.00	35.72 1.04 0.00	32.88 0.93 0.00	31.33 0.79 0.00	30.28 0.77 0.00	31.01 0.87 0.00	33.14 1.00 0.00	39.62 1.45 0.00	51.59 2.27 0.00	58.84 3.12 0.00	53.71 2.51 0.00	47.23 2.03 0.00	41.14 1.66 0.00	38.00 1.46 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.44 -0.04 0.00	35.32 0.00 0.00	34.18 -0.03 0.00	34.21 0.07 0.00	34.28 0.14 0.00	38.44 0.34 0.01	49.78 0.21 2.96	58.35 0.06 4.80	51.74 -0.17 3.82	43.11 -0.32 1.65	37.50 -0.23 0.00	34.40 -0.28 0.00	31.57 -0.38 0.00	30.14 -0.40 0.00	28.93 -0.59 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	37.97 -0.19 0.00	49.37 0.05 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.01 -0.18 0.00	39.29 -0.20 0.00	36.43 -0.11 0.00
GOUDEY___7 23579	37.44 -0.04 0.00	35.32 0.00 0.00	34.18 -0.03 0.00	34.21 0.07 0.00	34.28 0.14 0.00	38.44 0.34 0.01	49.78 0.21 2.96	58.35 0.06 4.80	51.74 -0.17 3.82	43.11 -0.32 1.65	37.50 -0.23 0.00	34.40 -0.28 0.00	31.57 -0.38 0.00	30.14 -0.40 0.00	28.93 -0.59 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	37.97 -0.19 0.00	49.37 0.05 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.01 -0.18 0.00	39.29 -0.20 0.00	36.43 -0.11 0.00
GOUDEY___8 23580	37.44 -0.04 0.00	35.32 0.00 0.00	34.18 -0.03 0.00	34.21 0.07 0.00	34.28 0.14 0.00	38.44 0.34 0.01	49.78 0.21 2.96	58.35 0.06 4.80	51.74 -0.17 3.82	43.11 -0.32 1.65	37.50 -0.23 0.00	34.40 -0.28 0.00	31.57 -0.38 0.00	30.14 -0.40 0.00	28.93 -0.59 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	37.97 -0.19 0.00	49.37 0.05 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.01 -0.18 0.00	39.29 -0.20 0.00	36.43 -0.11 0.00
GOWANUS_GT1_1 24077	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT1_2 24078	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT1_3 24079	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT1_4 24080	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT1_5 24084	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT1_6 24111	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT1_7 24112	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT1_8 24113	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT2_1 24114	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT2_2 24115	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT2_3 24116	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16

GOWANUS_GT2_4 24117	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT2_5 24118	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT2_6 24119	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT2_7 24120	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT2_8 24121	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT3_1 24122	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT3_2 24123	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT3_3 24124	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT3_4 24125	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT3_5 24126	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT3_6 24127	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT3_7 24128	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT3_8 24129	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
GOWANUS_GT4_1 24130	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT4_2 24131	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16

GOWANUS_GT4_3 24132	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT4_4 24133	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT4_5 24134	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT4_6 24135	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT4_7 24136	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GOWANUS_GT4_8 24137	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GREENBSH_115KV_TB3 55895	37.96 0.49 0.00	35.77 0.46 0.00	34.69 0.48 0.00	34.62 0.48 0.00	34.72 0.58 0.00	38.75 0.65 0.00	51.73 0.79 1.59	61.46 0.95 2.58	54.68 1.00 2.05	45.09 0.90 0.89	38.48 0.75 0.00	35.47 0.80 0.00	32.69 0.73 0.00	31.30 0.76 0.00	30.34 0.83 0.00	30.95 0.81 0.00	32.97 0.84 0.00	38.97 0.80 0.00	50.36 1.04 0.00	57.16 1.45 0.00	52.18 0.97 0.00	46.10 0.90 0.00	40.31 0.83 0.00	37.30 0.77 0.00
GREENDGE_115KV_TB5 80291	37.10 -0.37 0.00	35.00 -0.32 0.00	33.91 -0.31 0.00	33.97 -0.17 0.00	34.10 -0.03 0.00	38.44 0.34 0.01	49.41 0.42 3.54	57.16 -0.19 5.75	50.88 -0.28 4.57	42.42 -0.68 1.97	36.89 -0.83 0.00	33.81 -0.87 0.00	30.93 -1.02 0.00	29.44 -1.10 0.00	28.13 -1.39 0.00	28.87 -1.27 0.00	30.95 -1.19 0.00	37.48 -0.69 0.00	49.18 -0.15 0.00	55.94 0.22 0.00	51.20 0.00 0.00	44.74 -0.45 0.00	38.93 -0.55 0.00	36.10 -0.44 0.00
GREENIDGE___3 23582	37.10 -0.37 0.00	35.00 -0.32 0.00	33.91 -0.31 0.00	33.97 -0.17 0.00	34.10 -0.03 0.00	38.44 0.34 0.01	49.41 0.42 3.54	57.16 -0.19 5.75	50.88 -0.28 4.57	42.42 -0.68 1.97	36.89 -0.83 0.00	33.81 -0.87 0.00	30.93 -1.02 0.00	29.44 -1.10 0.00	28.13 -1.39 0.00	28.87 -1.27 0.00	30.95 -1.19 0.00	37.48 -0.69 0.00	49.18 -0.15 0.00	55.94 0.22 0.00	51.20 0.00 0.00	44.74 -0.45 0.00	38.93 -0.55 0.00	36.10 -0.44 0.00
GREENIDGE___4 23583	37.10 -0.37 0.00	35.00 -0.32 0.00	33.90 -0.31 0.00	33.97 -0.17 0.00	34.10 -0.03 0.00	38.44 0.34 0.01	49.40 0.42 3.54	57.09 -0.25 5.75	50.88 -0.28 4.57	42.42 -0.67 1.97	36.93 -0.79 0.00	33.81 -0.87 0.00	30.96 -0.99 0.00	29.44 -1.10 0.00	28.13 -1.39 0.00	28.87 -1.26 0.00	30.95 -1.19 0.00	37.48 -0.69 0.00	49.18 -0.15 0.00	55.88 0.17 0.00	51.20 0.00 0.00	44.83 -0.36 0.00	39.01 -0.47 0.00	36.14 -0.40 0.00
GREENLWN_69_KV_BK 3 55738	38.93 1.46 0.00	36.52 1.20 0.00	35.41 1.20 0.00	35.27 1.13 0.00	35.40 1.26 0.00	39.74 1.64 0.00	52.99 2.10 1.64	63.01 2.59 2.67	55.95 2.34 2.12	46.77 2.61 0.92	40.10 2.38 0.00	36.86 2.18 0.00	33.87 1.92 0.00	32.52 1.98 0.00	31.79 2.27 0.00	32.33 2.20 0.00	34.49 2.35 0.00	41.03 2.86 0.00	52.09 2.76 0.00	59.28 3.57 0.00	53.82 2.61 0.00	48.13 2.94 0.00	41.97 2.49 0.00	38.69 2.16 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16
GRISSOM___SOLAR 323813	39.57 2.10 0.00	37.22 1.91 0.00	36.03 1.81 0.00	35.98 1.84 0.00	36.08 1.94 0.00	40.47 2.36 0.00	54.24 3.41 1.70	64.50 4.16 2.76	57.05 3.51 2.19	46.33 2.21 0.95	39.38 1.66 0.00	35.99 1.32 0.00	33.17 1.21 0.00	31.67 1.13 0.00	30.61 1.09 0.00	31.34 1.21 0.00	33.68 1.54 0.00	40.34 2.17 0.00	52.83 3.50 0.00	60.23 4.51 0.00	54.89 3.69 0.00	48.40 3.21 0.00	42.17 2.69 0.00	38.95 2.41 0.00
GROVEVILLE___HYD 323602	39.01 1.54 0.00	36.73 1.41 0.00	35.55 1.33 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.86 1.75 0.00	53.62 2.73 1.65	63.77 3.34 2.67	56.67 3.07 2.12	46.68 2.52 0.92	39.80 2.07 0.00	36.55 1.87 0.00	33.59 1.63 0.00	32.12 1.59 0.00	31.26 1.74 0.00	31.91 1.78 0.00	33.97 1.83 0.00	40.34 2.18 0.00	52.33 3.01 0.00	59.73 4.01 0.00	54.33 3.12 0.00	47.73 2.53 0.00	41.62 2.13 0.00	38.40 1.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.29 -0.19 0.00	35.17 -0.14 0.00	34.08 -0.14 0.00	34.07 -0.07 0.00	34.04 -0.10 0.00	38.02 -0.08 0.01	49.83 0.05 2.75	58.70 0.06 4.46	52.13 -0.06 3.55	43.36 -0.18 1.53	37.38 -0.34 0.00	34.33 -0.35 0.00	31.64 -0.32 0.00	30.17 -0.37 0.00	29.01 -0.50 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.05 -0.11 0.00	49.23 -0.10 0.00	55.94 0.22 0.00	51.05 -0.15 0.00	44.92 -0.27 0.00	39.13 -0.36 0.00	36.28 -0.26 0.00

HAMLTNNY_34_KV_TB 80303	37.32 -0.15 0.00	35.21 -0.11 0.00	34.11 -0.10 0.00	34.11 -0.03 0.00	34.07 -0.07 0.00	38.14 0.04 0.01	50.01 0.16 2.68	58.94 0.19 4.34	52.33 0.06 3.45	43.45 -0.14 1.49	37.38 -0.34 0.00	34.33 -0.35 0.00	31.60 -0.35 0.00	30.17 -0.37 0.00	28.99 -0.53 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	38.01 -0.15 0.00	49.28 -0.05 0.00	55.99 0.28 0.00	51.10 -0.10 0.00	44.97 -0.23 0.00	39.17 -0.32 0.00	36.24 -0.29 0.00
HAMPSHIRE___PAPER_HYD 323593	36.91 -0.56 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.53 -0.61 0.00	33.49 -0.65 0.00	41.78 -0.76 -4.43	55.97 -1.00 -4.44	67.55 -1.39 -5.84	59.61 -1.56 -5.44	48.00 -1.40 -4.32	36.48 -1.24 0.00	33.32 -1.35 0.00	30.79 -1.28 -0.11	32.78 -1.25 -3.50	31.69 -1.24 -3.41	32.33 -1.26 -3.46	34.46 -1.32 -3.64	36.83 -1.34 0.00	48.04 -1.28 0.00	54.49 -1.23 0.00	50.33 -0.87 0.00	44.47 -0.72 0.00	38.70 -0.79 0.00	35.95 -0.59 0.00
HARDSCRABBLE_WT_PWR 323673	36.50 -0.97 0.00	34.29 -1.03 0.00	33.15 -1.06 0.00	33.02 -1.13 0.00	32.98 -1.16 0.00	36.73 -1.37 0.00	48.74 -1.84 1.96	57.77 -2.15 3.18	51.31 -1.89 2.53	42.45 -1.53 1.09	36.37 -1.36 0.00	33.43 -1.25 0.00	30.81 -1.15 0.00	29.44 -1.10 0.00	28.48 -1.03 0.00	29.08 -1.06 0.00	31.01 -1.13 0.00	36.79 -1.37 0.00	47.65 -1.68 0.00	54.21 -1.50 0.00	49.87 -1.33 0.00	44.16 -1.04 0.00	38.62 -0.87 0.00	35.77 -0.77 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.63 1.16 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.17 1.02 0.00	35.27 1.13 0.00	39.48 1.37 0.00	53.03 2.15 1.66	63.12 2.71 2.69	56.05 2.45 2.14	46.22 2.07 0.92	39.50 1.77 0.00	36.31 1.63 0.00	33.39 1.44 0.00	31.91 1.37 0.00	31.05 1.53 0.00	31.67 1.54 0.00	33.71 1.57 0.00	40.04 1.87 0.00	51.89 2.56 0.00	59.11 3.40 0.00	53.82 2.61 0.00	47.27 2.08 0.00	41.26 1.78 0.00	38.04 1.50 0.00
HARSNRAD_115KV_TB1 81005	35.30 -2.17 0.00	33.30 -2.01 0.00	32.16 -2.05 0.00	32.43 -1.71 0.00	32.67 -1.47 0.00	37.03 -1.07 0.01	45.82 -2.42 4.29	52.48 -3.66 6.96	46.24 -3.96 5.53	39.35 -3.34 2.39	34.82 -2.90 0.00	32.04 -2.64 0.00	29.08 -2.88 0.00	27.70 -2.84 0.00	26.15 -3.36 0.00	26.91 -3.22 0.00	28.96 -3.18 0.00	34.73 -3.43 0.00	45.38 -3.95 0.00	51.65 -4.07 0.00	46.90 -4.30 0.00	40.77 -4.43 0.00	36.05 -3.44 0.00	33.69 -2.85 0.00
HARZA MOOSE___RIVER 24016	37.88 0.41 0.00	35.67 0.35 0.00	34.56 0.34 0.00	34.45 0.31 0.00	34.48 0.34 0.00	39.77 0.38 -1.29	52.92 0.74 0.34	63.02 0.88 0.96	55.76 0.56 0.53	45.60 0.18 -0.35	37.65 -0.08 0.00	34.40 -0.28 0.00	31.73 -0.26 -0.03	31.22 -0.34 -1.02	30.19 -0.32 -0.99	30.87 -0.27 -1.01	32.97 -0.22 -1.06	38.17 0.00 0.00	49.72 0.39 0.00	56.72 1.00 0.00	51.97 0.77 0.00	45.78 0.59 0.00	39.88 0.39 0.00	37.09 0.55 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.99 -0.49 0.00	34.89 -0.42 0.00	33.80 -0.41 0.00	33.80 -0.34 0.00	33.73 -0.41 0.00	37.72 -0.38 0.01	48.68 -0.42 3.43	56.97 -0.57 5.56	50.75 -0.56 4.42	42.62 -0.54 1.91	37.08 -0.64 0.00	34.09 -0.59 0.00	31.41 -0.54 0.00	29.99 -0.55 0.00	28.84 -0.68 0.00	29.50 -0.63 0.00	31.50 -0.64 0.00	37.78 -0.38 0.00	48.83 -0.49 0.00	55.49 -0.22 0.00	50.64 -0.56 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	36.03 -0.51 0.00
HELLGATE_13_KV_LD 55870	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.60 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	55.01 2.68 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.77 2.42 -14.84	40.42 2.41 -7.88	49.57 2.47 -14.96	56.48 2.79 -15.53	59.10 3.55 -6.22	64.94 4.46 -4.76	57.28 3.64 -2.44	49.74 2.94 -1.61	42.55 2.53 -0.54	39.25 2.16 -0.56
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.51 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.60 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	55.01 2.68 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.77 2.42 -14.84	40.42 2.41 -7.88	49.57 2.47 -14.96	56.48 2.79 -15.53	59.10 3.55 -6.22	64.94 4.46 -4.76	57.28 3.64 -2.44	49.74 2.94 -1.61	42.55 2.53 -0.54	39.25 2.16 -0.56
HEMPSTEAD____ 23647	39.01 1.54 0.00	36.58 1.27 0.00	35.48 1.27 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.78 1.67 0.00	53.25 2.37 1.64	63.58 3.15 2.67	56.39 2.79 2.12	46.81 2.66 0.92	40.06 2.34 0.00	36.97 2.29 0.00	33.94 1.98 0.00	32.55 2.01 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.52 2.38 0.00	40.96 2.78 -0.01	52.58 3.25 0.00	59.90 4.18 0.00	54.33 3.12 0.00	48.09 2.89 0.00	41.93 2.45 0.00	38.66 2.12 0.00
HEWLETT_69_KV_BK3 55828	39.35 1.87 0.00	36.94 1.62 0.00	35.79 1.57 0.00	35.68 1.54 0.00	35.81 1.67 0.00	40.20 2.10 0.00	53.88 2.99 1.64	64.28 3.85 2.67	57.01 3.40 2.12	47.27 3.11 0.92	40.48 2.75 0.00	37.24 2.57 0.00	34.19 2.24 0.00	32.76 2.23 0.00	32.03 2.51 0.00	32.60 2.47 0.00	34.77 2.64 0.00	41.37 3.21 0.00	53.07 3.75 0.00	60.45 4.74 0.00	54.89 3.69 0.00	48.63 3.43 0.00	42.37 2.88 0.00	39.06 2.52 0.00
HICKLING___1 23621	37.02 -0.45 0.00	34.89 -0.42 0.00	33.80 -0.41 0.00	33.90 -0.24 0.00	34.07 -0.07 0.00	38.44 0.34 0.01	49.13 -0.05 3.35	57.16 -0.50 5.43	50.46 -0.95 4.32	42.08 -1.13 1.87	36.82 -0.91 0.00	33.78 -0.90 0.00	30.84 -1.12 0.00	29.41 -1.13 0.00	28.01 -1.51 0.00	28.78 -1.36 0.00	30.82 -1.32 0.00	37.25 -0.92 0.00	48.93 -0.39 0.00	55.94 0.22 0.00	50.85 -0.36 0.00	44.38 -0.81 0.00	38.69 -0.79 0.00	35.95 -0.58 0.00
HICKLING___2 23622	37.02 -0.45 0.00	34.89 -0.42 0.00	33.80 -0.41 0.00	33.90 -0.24 0.00	34.07 -0.07 0.00	38.44 0.34 0.01	49.13 -0.05 3.35	57.16 -0.50 5.43	50.46 -0.95 4.32	42.08 -1.13 1.87	36.82 -0.91 0.00	33.78 -0.90 0.00	30.84 -1.12 0.00	29.41 -1.13 0.00	28.01 -1.51 0.00	28.78 -1.36 0.00	30.82 -1.32 0.00	37.25 -0.92 0.00	48.93 -0.39 0.00	55.94 0.22 0.00	50.85 -0.36 0.00	44.38 -0.81 0.00	38.69 -0.79 0.00	35.95 -0.58 0.00
HIGH FALLS___HY 23754	38.82 1.35 0.00	36.55 1.24 0.00	35.38 1.16 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.67 1.56 0.00	53.41 2.52 1.64	63.52 3.09 2.67	56.34 2.73 2.12	46.41 2.25 0.92	39.53 1.81 0.00	36.34 1.66 0.00	33.39 1.44 0.00	31.94 1.40 0.00	31.05 1.53 0.00	31.73 1.60 0.00	33.78 1.64 0.00	40.15 1.98 0.00	52.14 2.81 0.00	59.50 3.79 0.00	54.17 2.97 0.00	47.54 2.35 0.00	41.42 1.93 0.00	38.22 1.68 0.00
HIGH_RIVER___SOLAR 323847	38.78 1.31 0.00	36.52 1.20 0.00	35.38 1.16 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.59 1.48 0.00	53.04 2.15 1.65	62.88 2.46 2.67	55.67 2.06 2.13	45.46 1.31 0.92	38.67 0.94 0.00	35.48 0.80 0.00	32.72 0.77 0.00	31.24 0.70 0.00	30.25 0.74 0.00	30.95 0.81 0.00	33.14 1.00 0.00	39.58 1.41 0.00	51.55 2.22 0.00	58.67 2.95 0.00	53.56 2.36 0.00	47.27 2.08 0.00	41.26 1.78 0.00	38.14 1.61 0.00

HILLBURN___GT 23639	38.60 1.12 0.00	36.34 1.02 0.00	35.21 0.99 0.00	35.13 0.99 0.00	35.23 1.09 0.00	39.47 1.37 0.00	52.98 2.10 1.65	63.12 2.71 2.68	56.05 2.45 2.13	46.31 2.16 0.92	39.57 1.85 0.00	36.41 1.73 0.00	33.49 1.53 0.00	32.06 1.53 0.00	31.17 1.65 0.00	31.79 1.66 0.00	33.84 1.70 0.00	40.11 1.95 0.00	51.89 2.56 0.00	59.11 3.40 0.00	53.81 2.61 0.00	47.27 2.08 0.00	41.26 1.78 0.00	38.04 1.50 0.00
HILLSIDE_115KV_TB1 80332	36.69 -0.79 0.00	34.57 -0.74 0.00	33.46 -0.75 0.00	33.56 -0.58 0.00	33.73 -0.41 0.00	37.99 -0.11 0.01	48.44 -0.79 3.30	56.35 -1.39 5.35	49.80 -1.67 4.26	41.61 -1.62 1.84	36.55 -1.17 0.00	33.53 -1.14 0.00	30.68 -1.28 0.00	29.22 -1.31 0.00	27.89 -1.62 0.00	28.66 -1.48 0.00	30.66 -1.48 0.00	36.91 -1.26 0.00	48.29 -1.04 0.00	55.10 -0.61 0.00	50.13 -1.08 0.00	43.79 -1.40 0.00	38.30 -1.18 0.00	35.55 -0.99 0.00
HISHELDN_WT_PWR 323625	34.89 -2.59 0.00	32.88 -2.44 0.00	31.82 -2.40 0.00	32.09 -2.05 0.00	32.36 -1.78 0.00	36.80 -1.30 0.01	46.05 -2.52 3.96	53.00 -3.66 6.43	46.66 -3.96 5.11	39.35 -3.52 2.21	34.70 -3.02 0.00	31.94 -2.74 0.00	29.14 -2.81 0.00	27.70 -2.84 0.00	26.15 -3.37 0.00	26.88 -3.25 0.00	28.86 -3.28 0.00	34.96 -3.21 0.00	46.12 -3.21 0.00	52.71 -3.01 0.00	47.67 -3.53 0.00	41.58 -3.62 0.00	36.44 -3.04 0.00	33.87 -2.67 0.00
HOLTSVILLE_IC_1 23690	38.93 1.46 0.00	36.48 1.16 0.00	35.41 1.20 0.00	35.27 1.12 0.00	35.40 1.26 0.00	39.74 1.64 0.00	53.09 2.21 1.64	63.52 3.09 2.67	56.23 2.62 2.12	46.81 2.66 0.92	39.95 2.23 0.00	36.83 2.15 0.00	33.81 1.85 0.00	32.64 2.11 0.00	31.94 2.42 0.00	32.39 2.26 0.00	34.45 2.32 0.00	41.04 2.86 -0.01	52.43 3.11 0.00	59.84 4.12 0.00	54.17 2.97 0.00	48.13 2.94 0.00	42.05 2.57 0.00	38.62 2.08 0.00
HOLTSVILLE_IC_10 23699	39.08 1.61 0.00	36.58 1.27 0.00	35.51 1.30 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.89 1.79 0.00	53.30 2.42 1.64	63.83 3.40 2.67	56.45 2.84 2.12	46.95 2.80 0.92	40.06 2.34 0.00	36.93 2.25 0.00	33.87 1.92 0.00	32.73 2.20 0.00	32.02 2.51 0.00	32.51 2.38 0.00	34.58 2.44 0.00	41.23 3.05 0.00	52.68 3.36 0.00	60.17 4.46 0.00	54.43 3.23 0.00	48.36 3.16 0.00	42.25 2.76 0.00	38.77 2.23 0.00
HOLTSVILLE_IC_2 23691	38.93 1.46 0.00	36.48 1.16 0.00	35.41 1.20 0.00	35.27 1.12 0.00	35.40 1.26 0.00	39.74 1.64 0.00	53.09 2.21 1.64	63.52 3.09 2.67	56.23 2.62 2.12	46.81 2.66 0.92	39.95 2.23 0.00	36.83 2.15 0.00	33.81 1.85 0.00	32.64 2.11 0.00	31.94 2.42 0.00	32.39 2.26 0.00	34.45 2.32 0.00	41.04 2.86 -0.01	52.43 3.11 0.00	59.84 4.12 0.00	54.17 2.97 0.00	48.13 2.94 0.00	42.05 2.57 0.00	38.62 2.08 0.00
HOLTSVILLE_IC_3 23692	38.93 1.46 0.00	36.48 1.16 0.00	35.41 1.20 0.00	35.27 1.12 0.00	35.40 1.26 0.00	39.74 1.64 0.00	53.09 2.21 1.64	63.52 3.09 2.67	56.23 2.62 2.12	46.81 2.66 0.92	39.95 2.23 0.00	36.83 2.15 0.00	33.81 1.85 0.00	32.64 2.11 0.00	31.94 2.42 0.00	32.39 2.26 0.00	34.45 2.32 0.00	41.04 2.86 -0.01	52.43 3.11 0.00	59.84 4.12 0.00	54.17 2.97 0.00	48.13 2.94 0.00	42.05 2.57 0.00	38.62 2.08 0.00
HOLTSVILLE_IC_4 23693	38.93 1.46 0.00	36.48 1.16 0.00	35.41 1.20 0.00	35.27 1.12 0.00	35.40 1.26 0.00	39.74 1.64 0.00	53.09 2.21 1.64	63.52 3.09 2.67	56.23 2.62 2.12	46.81 2.66 0.92	39.95 2.23 0.00	36.83 2.15 0.00	33.81 1.85 0.00	32.64 2.11 0.00	31.94 2.42 0.00	32.39 2.26 0.00	34.45 2.32 0.00	41.04 2.86 -0.01	52.43 3.11 0.00	59.84 4.12 0.00	54.17 2.97 0.00	48.13 2.94 0.00	42.05 2.57 0.00	38.62 2.08 0.00
HOLTSVILLE_IC_5 23694	38.93 1.46 0.00	36.48 1.16 0.00	35.41 1.20 0.00	35.27 1.12 0.00	35.40 1.26 0.00	39.74 1.64 0.00	53.09 2.21 1.64	63.52 3.09 2.67	56.23 2.62 2.12	46.81 2.66 0.92	39.95 2.23 0.00	36.83 2.15 0.00	33.81 1.85 0.00	32.64 2.11 0.00	31.94 2.42 0.00	32.39 2.26 0.00	34.45 2.32 0.00	41.04 2.86 -0.01	52.43 3.11 0.00	59.84 4.12 0.00	54.17 2.97 0.00	48.13 2.94 0.00	42.05 2.57 0.00	38.62 2.08 0.00
HOLTSVILLE_IC_6 23695	39.08 1.61 0.00	36.58 1.27 0.00	35.51 1.30 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.89 1.79 0.00	53.30 2.42 1.64	63.83 3.40 2.67	56.45 2.84 2.12	46.95 2.80 0.92	40.06 2.34 0.00	36.93 2.25 0.00	33.87 1.92 0.00	32.73 2.20 0.00	32.02 2.51 0.00	32.51 2.38 0.00	34.58 2.44 0.00	41.23 3.05 -0.01	52.68 3.36 0.00	60.17 4.46 0.00	54.43 3.23 0.00	48.36 3.16 0.00	42.25 2.76 0.00	38.77 2.23 0.00
HOLTSVILLE_IC_7 23696	39.08 1.61 0.00	36.58 1.27 0.00	35.51 1.30 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.89 1.79 0.00	53.30 2.42 1.64	63.83 3.40 2.67	56.45 2.84 2.12	46.95 2.80 0.92	40.06 2.34 0.00	36.93 2.25 0.00	33.87 1.92 0.00	32.73 2.20 0.00	32.02 2.51 0.00	32.51 2.38 0.00	34.58 2.44 0.00	41.23 3.05 -0.01	52.68 3.36 0.00	60.17 4.46 0.00	54.43 3.23 0.00	48.36 3.16 0.00	42.25 2.76 0.00	38.77 2.23 0.00
HOLTSVILLE_IC_8 23697	39.08 1.61 0.00	36.58 1.27 0.00	35.51 1.30 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.89 1.79 0.00	53.30 2.42 1.64	63.83 3.40 2.67	56.45 2.84 2.12	46.95 2.80 0.92	40.06 2.34 0.00	36.93 2.25 0.00	33.87 1.92 0.00	32.73 2.20 0.00	32.02 2.51 0.00	32.51 2.38 0.00	34.58 2.44 0.00	41.23 3.05 -0.01	52.68 3.36 0.00	60.17 4.46 0.00	54.43 3.23 0.00	48.36 3.16 0.00	42.25 2.76 0.00	38.77 2.23 0.00
HOLTSVILLE_IC_9 23698	39.08 1.61 0.00	36.58 1.27 0.00	35.51 1.30 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.89 1.79 0.00	53.30 2.42 1.64	63.83 3.40 2.67	56.45 2.84 2.12	46.95 2.80 0.92	40.06 2.34 0.00	36.93 2.25 0.00	33.87 1.92 0.00	32.73 2.20 0.00	32.02 2.51 0.00	32.51 2.38 0.00	34.58 2.44 0.00	41.23 3.05 -0.01	52.68 3.36 0.00	60.17 4.46 0.00	54.43 3.23 0.00	48.36 3.16 0.00	42.25 2.76 0.00	38.77 2.23 0.00
HOMER_HL_115KV_TB2 355744	36.46 -1.01 0.00	34.36 -0.95 0.00	33.26 -0.96 0.00	33.49 -0.65 0.00	33.69 -0.44 0.00	38.25 0.15 0.01	46.11 -2.47 3.95	53.09 -3.60 6.41	46.67 -3.96 5.10	39.35 -3.52 2.20	36.21 -1.51 0.00	33.29 -1.39 0.00	30.26 -1.69 0.00	28.76 -1.77 0.00	27.21 -2.30 0.00	27.99 -2.14 0.00	30.05 -2.09 0.00	36.22 -1.95 0.00	47.50 -1.83 0.00	54.21 -1.50 0.00	49.16 -2.05 0.00	42.66 -2.53 0.00	37.51 -1.97 0.00	35.00 -1.53 0.00
HOWARD_WT_PWR 323690	35.34 -2.13 0.00	33.20 -2.12 0.00	32.13 -2.09 0.00	32.30 -1.84 0.00	32.53 -1.60 0.00	36.92 -1.18 0.01	46.72 -2.16 3.65	54.21 -2.96 5.92	47.73 -3.29 4.71	39.97 -3.07 2.03	35.12 -2.60 0.00	32.28 -2.39 0.00	29.46 -2.49 0.00	28.03 -2.50 0.00	26.48 -3.04 0.00	27.48 -2.65 0.00	29.54 -2.60 0.00	36.10 -2.06 0.00	48.24 -1.09 0.00	55.55 -0.17 0.00	50.38 -0.82 0.00	43.84 -1.35 0.00	38.02 -1.46 0.00	35.22 -1.31 0.00

HQ_GEN_CEDARS 23644	37.51 0.04 0.00	35.32 0.00 0.00	34.25 0.03 0.00	34.04 -0.10 0.00	33.97 -0.17 0.00	39.97 -0.27 -2.13	54.15 -0.58 -2.20	64.39 -0.50 -1.80	56.76 -0.67 -1.70	46.55 -0.63 -2.11	37.35 -0.38 0.00	34.23 -0.45 0.00	31.58 -0.42 -0.04	31.56 -0.40 -1.42	30.52 -0.38 -1.39	31.06 -0.48 -1.41	33.07 -0.55 -1.48	37.48 -0.69 0.00	48.59 -0.74 0.00	54.49 -1.23 0.00	50.69 -0.51 0.00	44.92 -0.27 0.00	39.25 -0.24 0.00	36.35 -0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	37.51 0.04 0.00	35.32 0.00 0.00	34.25 0.03 0.00	34.04 -0.10 0.00	33.97 -0.17 0.00	39.97 -0.26 -2.13	54.15 -0.58 -2.20	69.71 -1.89 -8.51	61.51 -1.95 -7.74	46.55 -0.63 -2.11	37.35 -0.38 0.00	34.23 -0.45 0.00	31.58 -0.42 -0.04	31.56 -0.40 -1.42	30.52 -0.38 -1.39	31.06 -0.48 -1.41	33.07 -0.55 -1.48	39.07 -0.69 -1.59	46.99 -0.74 1.59	53.93 -1.23 0.56	51.25 -0.51 -0.56	44.92 -0.27 0.00	39.25 -0.24 0.00	36.36 -0.18 0.00
HQ_GEN_IMPORT 323601	37.44 -0.04 0.00	35.28 -0.04 0.00	34.18 -0.03 0.00	34.04 -0.10 0.00	34.00 -0.14 0.00	37.92 -0.19 0.00	51.88 -0.37 0.29	62.26 -0.38 0.46	54.98 -0.39 0.36	44.55 -0.36 0.16	37.54 -0.19 0.00	34.47 -0.21 0.00	31.76 -0.19 0.00	30.35 -0.18 0.00	29.34 -0.18 0.00	29.92 -0.21 0.00	31.88 -0.26 0.00	39.42 -0.34 -1.59	72.30 -0.44 -23.42	5.00 -0.95 49.77	75.60 -0.36 -24.75	45.01 -0.18 0.00	39.37 -0.12 0.00	36.43 -0.11 0.00
HQ_GEN_WHEEL 23651	37.44 -0.04 0.00	35.28 -0.04 0.00	34.18 -0.03 0.00	34.04 -0.10 0.00	34.00 -0.14 0.00	37.92 -0.19 0.00	51.88 -0.37 0.29	62.26 -0.38 0.46	54.98 -0.39 0.36	44.55 -0.36 0.16	37.54 -0.19 0.00	34.47 -0.21 0.00	31.76 -0.19 0.00	30.35 -0.18 0.00	29.34 -0.18 0.00	29.92 -0.21 0.00	31.88 -0.26 0.00	39.42 -0.34 -1.59	72.30 -0.44 -23.42	5.00 -0.95 49.77	75.60 -0.36 -24.75	45.01 -0.18 0.00	39.37 -0.12 0.00	36.43 -0.11 0.00
HUDSON AVE_GT_3 23810	38.93 1.46 0.00	36.69 1.38 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.79 3.18 2.12	47.00 2.84 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.45 2.31 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.58 3.38 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.51 1.97 0.00
HUDSON AVE_GT_4 23540	38.93 1.46 0.00	36.69 1.38 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.79 3.18 2.12	47.00 2.84 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.45 2.31 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.58 3.38 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.51 1.97 0.00
HUDSON AVE_GT_5 23657	38.93 1.46 0.00	36.69 1.38 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.79 3.18 2.12	47.00 2.84 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.45 2.31 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.58 3.38 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.51 1.97 0.00
HUDSON_AVE_10 24168	38.86 1.39 0.00	36.62 1.31 0.00	35.48 1.27 0.00	35.40 1.26 0.00	35.50 1.37 0.00	39.78 1.68 0.00	53.46 2.57 1.64	63.71 3.28 2.67	56.73 3.12 2.12	47.00 2.84 0.92	40.21 2.49 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.42 2.29 0.00	34.49 2.35 0.00	40.84 2.67 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.63 3.43 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.44 1.90 0.00
HUDSON___115KV_TB 4 355613	38.60 1.12 0.00	36.34 1.02 0.00	35.24 1.03 0.00	35.17 1.02 0.00	35.27 1.13 0.00	39.44 1.33 0.00	52.77 1.84 1.60	62.59 2.08 2.59	55.51 1.84 2.06	45.49 1.31 0.89	38.67 0.94 0.00	35.58 0.90 0.00	32.75 0.80 0.00	31.33 0.79 0.00	30.37 0.86 0.00	31.01 0.87 0.00	33.14 1.00 0.00	39.31 1.14 0.00	51.15 1.83 0.00	58.28 2.56 0.00	53.15 1.95 0.00	46.91 1.72 0.00	40.98 1.50 0.00	37.96 1.42 0.00
HUNTER MOUNT___DRP 323613	38.78 1.31 0.00	36.55 1.24 0.00	35.41 1.20 0.00	35.34 1.19 0.00	35.47 1.33 0.00	39.67 1.56 0.00	53.14 2.21 1.60	62.96 2.46 2.60	55.73 2.06 2.07	45.53 1.35 0.89	38.67 0.94 0.00	35.54 0.87 0.00	32.69 0.73 0.00	31.27 0.73 0.00	30.28 0.77 0.00	30.95 0.81 0.00	33.07 0.93 0.00	39.31 1.14 0.00	51.30 1.97 0.00	58.50 2.79 0.00	53.30 2.10 0.00	47.09 1.90 0.00	41.14 1.66 0.00	38.14 1.61 0.00
HUNTINGTON_RES_REC 323705	39.05 1.57 0.00	36.62 1.31 0.00	35.51 1.30 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.89 1.79 0.00	53.14 2.26 1.64	63.39 2.97 2.67	56.17 2.56 2.12	46.91 2.75 0.92	40.06 2.34 0.00	36.93 2.25 0.00	33.91 1.95 0.00	32.61 2.08 0.00	31.91 2.39 0.00	32.45 2.32 0.00	34.55 2.41 0.00	41.15 2.98 -0.01	52.48 3.16 0.00	59.84 4.12 0.00	54.22 3.02 0.00	48.27 3.07 0.00	42.17 2.69 0.00	38.77 2.23 0.00
HUNTLEY___63 23557	35.71 -1.76 0.00	33.69 -1.62 0.00	32.54 -1.68 0.00	32.81 -1.33 0.00	33.05 -1.09 0.00	37.45 -0.65 0.01	46.27 -2.00 4.27	53.02 -3.15 6.92	46.72 -3.51 5.50	39.72 -2.97 2.38	35.27 -2.45 0.00	32.46 -2.22 0.00	29.46 -2.49 0.00	28.06 -2.47 0.00	26.48 -3.04 0.00	27.21 -2.92 0.00	29.31 -2.83 0.00	35.15 -3.02 0.00	45.87 -3.45 0.00	52.21 -3.51 0.00	47.41 -3.79 0.00	41.22 -3.98 0.00	36.44 -3.04 0.00	34.05 -2.48 0.00
HUNTLEY___64 23558	35.71 -1.76 0.00	33.69 -1.62 0.00	32.54 -1.68 0.00	32.81 -1.33 0.00	33.05 -1.09 0.00	37.45 -0.65 0.01	46.27 -2.00 4.27	53.02 -3.15 6.92	46.72 -3.51 5.50	39.72 -2.97 2.38	35.27 -2.45 0.00	32.46 -2.22 0.00	29.46 -2.49 0.00	28.06 -2.47 0.00	26.48 -3.04 0.00	27.21 -2.92 0.00	29.31 -2.83 0.00	35.15 -3.02 0.00	45.87 -3.45 0.00	52.21 -3.51 0.00	47.41 -3.79 0.00	41.22 -3.98 0.00	36.44 -3.04 0.00	34.05 -2.48 0.00
HUNTLEY___65 23559	35.71 -1.76 0.00	33.69 -1.62 0.00	32.54 -1.68 0.00	32.81 -1.33 0.00	33.05 -1.09 0.00	37.45 -0.65 0.01	46.27 -2.00 4.27	53.02 -3.15 6.92	46.72 -3.51 5.50	39.72 -2.97 2.38	35.27 -2.45 0.00	32.46 -2.22 0.00	29.46 -2.49 0.00	28.06 -2.47 0.00	26.48 -3.04 0.00	27.21 -2.92 0.00	29.31 -2.83 0.00	35.15 -3.02 0.00	45.87 -3.45 0.00	52.21 -3.51 0.00	47.41 -3.79 0.00	41.22 -3.98 0.00	36.44 -3.04 0.00	34.05 -2.48 0.00
HUNTLEY___66 23560	35.71 -1.76 0.00	33.69 -1.62 0.00	32.54 -1.68 0.00	32.81 -1.33 0.00	33.05 -1.09 0.00	37.45 -0.65 0.01	46.27 -2.00 4.27	53.02 -3.15 6.92	46.72 -3.51 5.50	39.72 -2.97 2.38	35.27 -2.45 0.00	32.46 -2.22 0.00	29.46 -2.49 0.00	28.06 -2.47 0.00	26.48 -3.04 0.00	27.21 -2.92 0.00	29.31 -2.83 0.00	35.15 -3.02 0.00	45.87 -3.45 0.00	52.21 -3.51 0.00	47.41 -3.79 0.00	41.22 -3.98 0.00	36.44 -3.04 0.00	34.05 -2.48 0.00

HUNTLEY___67 23561	35.64 -1.84 0.00	33.58 -1.73 0.00	32.47 -1.74 0.00	32.71 -1.43 0.00	32.94 -1.19 0.00	37.34 -0.76 0.01	46.07 -2.21 4.26	52.72 -3.47 6.90	46.56 -3.68 5.49	39.55 -3.16 2.37	35.20 -2.53 0.00	32.42 -2.25 0.00	29.43 -2.52 0.00	28.03 -2.50 0.00	26.48 -3.04 0.00	27.24 -2.89 0.00	29.31 -2.83 0.00	35.11 -3.05 0.00	45.77 -3.55 0.00	52.04 -3.68 0.00	47.26 -3.94 0.00	41.13 -4.07 0.00	36.37 -3.12 0.00	33.98 -2.56 0.00
HUNTLEY___68 23562	35.64 -1.84 0.00	33.58 -1.73 0.00	32.47 -1.74 0.00	32.71 -1.43 0.00	32.94 -1.19 0.00	37.34 -0.76 0.01	46.07 -2.21 4.26	52.72 -3.47 6.90	46.56 -3.68 5.49	39.55 -3.16 2.37	35.20 -2.53 0.00	32.42 -2.25 0.00	29.43 -2.52 0.00	28.03 -2.50 0.00	26.48 -3.04 0.00	27.24 -2.89 0.00	29.31 -2.83 0.00	35.11 -3.05 0.00	45.77 -3.55 0.00	52.04 -3.68 0.00	47.26 -3.94 0.00	41.13 -4.07 0.00	36.37 -3.12 0.00	33.98 -2.56 0.00
HYLAND___LFGE 323620	37.40 -0.07 0.00	35.32 0.00 0.00	34.15 -0.07 0.00	34.31 0.17 0.00	34.45 0.31 0.00	39.05 0.95 0.01	49.78 1.26 4.01	57.66 1.07 6.51	50.05 -0.50 5.17	41.49 -1.35 2.23	35.95 -1.77 0.00	32.94 -1.73 0.00	30.04 -1.92 0.00	28.52 -2.02 0.00	27.10 -2.42 0.00	27.96 -2.17 0.00	30.21 -1.93 0.00	36.87 -1.30 0.00	49.33 0.00 0.00	56.89 1.17 0.00	51.87 0.66 0.00	45.29 0.09 0.00	39.41 -0.08 0.00	36.32 -0.22 0.00
INDECK___CORINTH 23802	38.04 0.56 0.00	35.77 0.46 0.00	34.66 0.44 0.00	34.58 0.44 0.00	34.68 0.54 0.00	38.83 0.72 0.00	52.28 1.36 1.61	62.19 1.70 2.61	55.39 1.73 2.07	45.30 1.13 0.90	38.55 0.83 0.00	35.23 0.55 0.00	32.34 0.38 0.00	30.87 0.34 0.00	29.90 0.38 0.00	30.50 0.36 0.00	32.72 0.58 0.00	39.00 0.84 0.00	50.76 1.43 0.00	57.61 1.90 0.00	52.64 1.43 0.00	47.77 2.57 0.00	41.69 2.21 0.00	38.55 2.01 0.00
INDECK___ILION 23567	37.14 -0.34 0.00	34.93 -0.39 0.00	33.84 -0.38 0.00	33.73 -0.41 0.00	33.69 -0.44 0.00	37.61 -0.50 0.00	49.94 -0.63 1.96	59.22 -0.69 3.18	52.59 -0.61 2.53	43.49 -0.50 1.09	37.27 -0.45 0.00	34.23 -0.45 0.00	31.54 -0.42 0.00	30.14 -0.40 0.00	29.16 -0.35 0.00	29.77 -0.36 0.00	31.75 -0.39 0.00	37.63 -0.53 0.00	48.73 -0.59 0.00	55.33 -0.39 0.00	50.74 -0.46 0.00	44.83 -0.36 0.00	39.21 -0.28 0.00	36.28 -0.26 0.00
INDECK___OLEAN 23982	36.46 -1.01 0.00	34.36 -0.95 0.00	33.26 -0.96 0.00	33.49 -0.65 0.00	33.69 -0.44 0.00	38.25 0.15 0.01	46.11 -2.47 3.95	53.09 -3.59 6.41	46.67 -3.96 5.10	39.35 -3.52 2.20	36.21 -1.51 0.00	33.29 -1.39 0.00	30.33 -1.63 0.00	28.76 -1.77 0.00	27.24 -2.27 0.00	27.99 -2.14 0.00	30.05 -2.09 0.00	36.22 -1.95 0.00	47.50 -1.82 0.00	54.16 -1.56 0.00	49.21 -2.00 0.00	42.80 -2.40 0.00	37.59 -1.89 0.00	35.11 -1.43 0.00
INDECK___OSWEGO 23783	36.68 -0.79 0.00	34.61 -0.71 0.00	33.53 -0.68 0.00	33.53 -0.61 0.00	33.46 -0.68 0.00	37.34 -0.76 0.00	51.01 -0.94 0.58	60.95 -1.20 0.95	53.86 -1.11 0.75	43.76 -0.99 0.32	36.74 -0.98 0.00	33.78 -0.90 0.00	31.19 -0.77 0.00	29.77 -0.76 0.00	28.66 -0.86 0.00	29.32 -0.81 0.00	31.30 -0.84 0.00	37.44 -0.73 0.00	48.34 -0.99 0.00	54.77 -0.95 0.00	50.08 -1.13 0.00	44.11 -1.09 0.00	38.50 -0.99 0.00	35.66 -0.88 0.00
INDECK___YERKES 23781	35.75 -1.72 0.00	33.73 -1.59 0.00	32.57 -1.64 0.00	32.84 -1.30 0.00	33.08 -1.06 0.00	37.53 -0.57 0.01	46.32 -1.94 4.27	53.09 -3.09 6.92	46.83 -3.40 5.50	39.81 -2.89 2.38	35.35 -2.38 0.00	32.53 -2.15 0.00	29.62 -2.33 0.00	28.09 -2.44 0.00	26.57 -2.95 0.00	27.27 -2.86 0.00	29.31 -2.83 0.00	35.23 -2.94 0.00	45.92 -3.40 0.00	52.21 -3.51 0.00	47.47 -3.74 0.00	41.49 -3.71 0.00	36.60 -2.88 0.00	34.20 -2.34 0.00
INDIAN POINT_GT_1 24139	38.63 1.16 0.00	36.41 1.09 0.00	35.24 1.03 0.00	35.20 1.06 0.00	35.30 1.16 0.00	39.51 1.41 0.00	53.04 2.15 1.65	63.13 2.71 2.67	56.11 2.51 2.13	46.36 2.21 0.92	39.65 1.92 0.00	36.48 1.80 0.00	33.59 1.63 0.00	32.12 1.59 0.00	31.26 1.74 0.00	31.88 1.75 0.00	33.94 1.80 0.00	40.23 2.06 0.00	51.99 2.66 0.00	59.17 3.45 0.00	53.92 2.71 0.00	47.41 2.21 0.00	41.38 1.90 0.00	38.11 1.57 0.00
INDIAN POINT_GT_2 23659	38.63 1.16 0.00	36.41 1.09 0.00	35.24 1.03 0.00	35.20 1.06 0.00	35.30 1.16 0.00	39.51 1.41 0.00	53.04 2.15 1.65	63.13 2.71 2.67	56.11 2.51 2.13	46.36 2.21 0.92	39.65 1.92 0.00	36.48 1.80 0.00	33.59 1.63 0.00	32.12 1.59 0.00	31.26 1.74 0.00	31.88 1.75 0.00	33.94 1.80 0.00	40.23 2.06 0.00	51.99 2.66 0.00	59.17 3.45 0.00	53.92 2.71 0.00	47.41 2.21 0.00	41.38 1.90 0.00	38.11 1.57 0.00
INDIAN POINT_GT_3 24019	38.63 1.16 0.00	36.41 1.09 0.00	35.24 1.03 0.00	35.20 1.06 0.00	35.30 1.16 0.00	39.51 1.41 0.00	53.04 2.15 1.65	63.13 2.71 2.67	56.11 2.51 2.13	46.36 2.21 0.92	39.65 1.92 0.00	36.48 1.80 0.00	33.59 1.63 0.00	32.12 1.59 0.00	31.26 1.74 0.00	31.88 1.75 0.00	33.94 1.80 0.00	40.23 2.06 0.00	51.99 2.66 0.00	59.17 3.45 0.00	53.92 2.71 0.00	47.41 2.21 0.00	41.38 1.90 0.00	38.11 1.57 0.00
INDIAN POINT___2 23530	38.52 1.05 0.00	36.27 0.95 0.00	35.14 0.92 0.00	35.06 0.92 0.00	35.16 1.02 0.00	39.36 1.26 0.00	52.82 1.94 1.65	62.87 2.46 2.68	55.88 2.29 2.13	46.18 2.03 0.92	39.46 1.74 0.00	36.31 1.63 0.00	33.43 1.47 0.00	31.97 1.44 0.00	31.11 1.59 0.00	31.73 1.60 0.00	33.78 1.64 0.00	40.04 1.87 0.00	51.79 2.47 0.00	58.95 3.23 0.00	53.66 2.46 0.00	47.14 1.94 0.00	41.18 1.70 0.00	37.96 1.42 0.00
INDIAN POINT___3 23531	38.63 1.16 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.20 1.06 0.00	35.30 1.16 0.00	39.51 1.41 0.00	53.04 2.15 1.65	63.14 2.71 2.67	56.11 2.51 2.12	46.41 2.25 0.92	39.65 1.92 0.00	36.51 1.84 0.00	33.62 1.66 0.00	32.15 1.62 0.00	31.29 1.77 0.00	31.91 1.78 0.00	33.94 1.80 0.00	40.23 2.06 0.00	51.99 2.66 0.00	59.17 3.45 0.00	53.92 2.71 0.00	47.41 2.21 0.00	41.38 1.90 0.00	38.11 1.57 0.00
INGHAM_C_115KV_TB7 356103	36.35 -1.12 0.00	34.15 -1.17 0.00	33.02 -1.20 0.00	32.88 -1.26 0.00	32.84 -1.30 0.00	36.58 -1.52 0.00	48.58 -2.00 1.96	57.58 -2.33 3.18	51.14 -2.06 2.53	42.27 -1.71 1.09	36.25 -1.47 0.00	33.29 -1.39 0.00	30.68 -1.28 0.00	29.31 -1.22 0.00	28.39 -1.12 0.00	28.99 -1.15 0.00	30.89 -1.25 0.00	36.64 -1.53 0.00	47.45 -1.87 0.00	53.99 -1.73 0.00	49.67 -1.54 0.00	43.97 -1.22 0.00	38.46 -1.03 0.00	35.59 -0.95 0.00
IP CORINTH___1 23988	38.22 0.75 0.00	35.95 0.64 0.00	34.83 0.62 0.00	34.76 0.61 0.00	34.86 0.72 0.00	39.06 0.95 0.00	52.55 1.63 1.61	62.57 2.08 2.61	55.66 2.01 2.07	45.57 1.40 0.90	38.74 1.02 0.00	35.41 0.73 0.00	32.53 0.58 0.00	31.02 0.49 0.00	30.05 0.53 0.00	30.65 0.51 0.00	32.88 0.74 0.00	39.20 1.03 0.00	51.00 1.68 0.00	57.94 2.23 0.00	52.89 1.69 0.00	47.77 2.58 0.00	41.70 2.21 0.00	38.55 2.01 0.00

IP__TICONDEROGA 23804	39.08 1.61 0.00	36.76 1.45 0.00	35.62 1.40 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.97 1.87 0.00	53.92 2.99 1.61	64.40 3.91 2.61	57.28 3.62 2.07	46.43 2.25 0.90	39.38 1.66 0.00	35.86 1.18 0.00	32.88 0.93 0.00	31.30 0.76 0.00	30.31 0.80 0.00	30.92 0.78 0.00	33.26 1.12 0.00	39.84 1.68 0.00	52.38 3.06 0.00	59.78 4.07 0.00	54.38 3.17 0.00	48.90 3.71 0.00	42.60 3.12 0.00	39.42 2.89 0.00
ISLIP_RES_REC 323679	39.23 1.76 0.00	36.73 1.41 0.00	35.65 1.44 0.00	35.47 1.33 0.00	35.64 1.50 0.00	40.05 1.94 0.00	53.51 2.63 1.64	64.15 3.72 2.67	56.67 3.06 2.12	47.13 2.97 0.92	40.21 2.49 0.00	37.04 2.36 0.00	33.97 2.01 0.00	32.83 2.29 0.00	32.14 2.63 0.00	32.60 2.47 0.00	34.68 2.54 0.00	41.38 3.21 -0.01	52.92 3.60 0.00	60.45 4.73 0.00	54.69 3.48 0.00	48.54 3.34 0.00	42.37 2.88 0.00	38.91 2.37 0.00
JAMAICA__27_KV_LOAD 355505	39.01 1.54 0.00	36.76 1.45 0.00	35.62 1.40 0.00	35.54 1.40 0.00	35.64 1.50 0.00	39.97 1.87 0.00	53.83 2.94 1.64	64.28 3.85 2.67	57.23 3.62 2.12	47.40 3.25 0.92	40.59 2.87 0.00	37.42 2.74 0.00	34.45 2.49 0.00	32.95 2.41 0.00	32.11 2.60 0.00	32.72 2.59 0.00	34.84 2.70 0.00	41.22 3.05 0.00	53.27 3.95 0.00	60.62 4.90 0.00	55.20 3.99 0.00	48.36 3.16 0.00	42.09 2.61 0.00	38.69 2.16 0.00
JANIS__SOLAR 323808	38.86 1.39 0.00	36.62 1.31 0.00	35.41 1.20 0.00	35.41 1.26 0.00	35.44 1.30 0.00	39.74 1.64 0.01	52.08 2.47 2.92	61.21 2.84 4.73	53.92 1.95 3.76	44.35 0.90 1.62	37.95 0.23 0.00	34.57 -0.10 0.00	31.70 -0.26 0.00	30.11 -0.43 0.00	28.99 -0.53 0.00	29.80 -0.33 0.00	32.04 -0.10 0.00	38.97 0.80 0.00	51.35 2.02 0.00	59.11 3.40 0.00	53.92 2.71 0.00	47.32 2.12 0.00	41.14 1.66 0.00	38.04 1.50 0.00
JARVIS____ 23743	37.59 0.11 0.00	35.42 0.11 0.00	34.32 0.10 0.00	34.24 0.10 0.00	34.28 0.14 0.00	38.26 0.15 0.00	50.79 0.21 1.96	60.23 0.32 3.18	53.48 0.28 2.53	44.25 0.27 1.09	37.91 0.19 0.00	34.85 0.17 0.00	32.12 0.16 0.00	30.69 0.15 0.00	29.69 0.18 0.00	30.31 0.18 0.00	32.30 0.16 0.00	38.28 0.11 0.00	49.47 0.15 0.00	56.05 0.34 0.00	51.36 0.15 0.00	45.33 0.14 0.00	39.60 0.12 0.00	36.65 0.11 0.00
JENNISON__1 23625	38.82 1.35 0.00	36.52 1.20 0.00	35.34 1.13 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.66 1.56 0.01	52.01 2.26 2.78	61.30 2.71 4.51	54.21 2.06 3.58	44.74 1.22 1.55	38.44 0.72 0.00	35.02 0.35 0.00	32.12 0.16 0.00	30.54 0.00 0.00	29.43 -0.09 0.00	30.22 0.09 0.00	32.40 0.26 0.00	39.12 0.95 0.00	51.45 2.12 0.00	59.23 3.51 0.00	54.02 2.82 0.00	47.41 2.21 0.00	41.30 1.82 0.00	38.18 1.64 0.00
JENNISON__2 23626	38.82 1.35 0.00	36.52 1.20 0.00	35.34 1.13 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.66 1.56 0.01	52.01 2.26 2.78	61.30 2.71 4.51	54.21 2.06 3.58	44.74 1.22 1.55	38.44 0.72 0.00	35.02 0.35 0.00	32.12 0.16 0.00	30.54 0.00 0.00	29.43 -0.09 0.00	30.22 0.09 0.00	32.40 0.26 0.00	39.12 0.95 0.00	51.45 2.12 0.00	59.23 3.51 0.00	54.02 2.82 0.00	47.41 2.21 0.00	41.30 1.82 0.00	38.18 1.64 0.00
JERICHO_RISE_WT_PWR 323719	36.84 -0.64 0.00	34.71 -0.60 0.00	33.60 -0.61 0.00	33.22 -0.92 0.00	33.01 -1.13 0.00	-7.99 -1.41 44.69	-8.26 -2.00 58.79	-8.44 -2.40 69.14	-8.25 -2.29 61.70	-8.09 -1.80 51.36	36.40 -1.32 0.00	33.39 -1.28 0.00	29.58 -1.21 1.16	-7.94 -1.16 37.31	-7.98 -1.12 36.37	-8.02 -1.24 36.92	-7.95 -1.35 38.75	36.56 -1.60 0.00	47.60 -1.73 0.00	53.49 -2.23 0.00	49.87 -1.33 0.00	44.43 -0.77 0.00	38.77 -0.71 0.00	35.88 -0.66 0.00
KATONAH__115KV_46KV_TB4 355592	39.05 1.57 0.00	36.76 1.45 0.00	35.62 1.40 0.00	35.54 1.40 0.00	35.64 1.50 0.00	39.89 1.79 0.00	53.72 2.84 1.64	64.03 3.60 2.66	56.95 3.34 2.12	47.00 2.84 0.91	40.06 2.34 0.00	36.86 2.18 0.00	33.94 1.98 0.00	32.40 1.86 0.00	31.58 2.07 0.00	32.18 2.05 0.00	34.29 2.15 0.00	40.61 2.44 0.00	52.53 3.21 0.00	59.78 4.07 0.00	54.43 3.23 0.00	47.86 2.67 0.00	41.74 2.25 0.00	38.40 1.86 0.00
KCE_NY_1 323755	38.82 1.35 0.00	36.52 1.20 0.00	35.38 1.16 0.00	35.30 1.16 0.00	35.44 1.30 0.00	39.63 1.53 0.00	53.18 2.26 1.61	63.33 2.84 2.60	56.33 2.67 2.07	46.16 1.98 0.89	39.31 1.58 0.00	35.99 1.32 0.00	33.07 1.12 0.00	31.57 1.04 0.00	30.58 1.06 0.00	31.22 1.08 0.00	33.43 1.29 0.00	39.77 1.60 0.00	51.49 2.17 0.00	58.50 2.78 0.00	53.40 2.20 0.00	47.45 2.26 0.00	41.46 1.97 0.00	38.36 1.83 0.00
KCE_NY_6_ESR 323823	36.09 -1.39 0.00	34.05 -1.27 0.00	32.88 -1.33 0.00	33.15 -0.99 0.00	33.39 -0.75 0.00	37.87 -0.23 0.01	46.45 -1.89 4.20	53.33 -2.96 6.80	47.03 -3.29 5.41	39.90 -2.84 2.34	35.80 -1.92 0.00	32.94 -1.73 0.00	30.01 -1.95 0.00	28.43 -2.11 0.00	26.89 -2.63 0.00	27.60 -2.53 0.00	29.70 -2.44 0.00	35.69 -2.48 0.00	46.56 -2.76 0.00	52.93 -2.78 0.00	48.13 -3.07 0.00	41.99 -3.21 0.00	37.04 -2.45 0.00	34.60 -1.94 0.00
KEDC_PORT_JEFF_GT2 24210	39.12 1.65 0.00	36.66 1.34 0.00	35.55 1.33 0.00	35.41 1.26 0.00	35.57 1.43 0.00	39.93 1.83 0.00	53.36 2.47 1.64	63.90 3.47 2.67	56.50 2.90 2.12	47.00 2.84 0.92	40.10 2.38 0.00	36.97 2.29 0.00	33.91 1.95 0.00	32.76 2.23 0.00	32.06 2.54 0.00	32.54 2.41 0.00	34.61 2.47 0.00	41.26 3.09 -0.01	52.73 3.40 0.00	60.23 4.51 0.00	54.48 3.28 0.00	48.40 3.21 0.00	42.29 2.80 0.00	38.80 2.27 0.00
KEDC_PORT_JEFF_GT3 24211	39.12 1.65 0.00	36.66 1.34 0.00	35.55 1.33 0.00	35.41 1.26 0.00	35.57 1.43 0.00	39.93 1.83 0.00	53.36 2.47 1.64	63.90 3.47 2.67	56.50 2.90 2.12	47.00 2.84 0.92	40.10 2.38 0.00	36.97 2.29 0.00	33.91 1.95 0.00	32.76 2.23 0.00	32.06 2.54 0.00	32.54 2.41 0.00	34.61 2.47 0.00	41.26 3.09 -0.01	52.73 3.40 0.00	60.23 4.51 0.00	54.48 3.28 0.00	48.40 3.21 0.00	42.29 2.80 0.00	38.80 2.27 0.00
KEDC_GLWD_GT4 24219	39.20 1.72 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.54 1.40 0.00	35.68 1.54 0.00	40.05 1.94 0.00	53.62 2.73 1.64	63.96 3.53 2.67	56.78 3.17 2.12	47.13 2.97 0.92	40.29 2.57 0.00	37.14 2.46 0.00	34.13 2.17 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.68 2.54 0.00	41.19 3.01 -0.01	52.88 3.55 0.00	60.29 4.57 0.00	54.69 3.48 0.00	48.36 3.16 0.00	42.17 2.69 0.00	38.84 2.30 0.00
KEDC_GLWD_GT5 24220	39.20 1.72 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.54 1.40 0.00	35.68 1.54 0.00	40.05 1.94 0.00	53.62 2.73 1.64	63.96 3.53 2.67	56.78 3.17 2.12	47.13 2.97 0.92	40.29 2.57 0.00	37.14 2.46 0.00	34.13 2.17 0.00	32.70 2.17 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.68 2.54 0.00	41.19 3.01 -0.01	52.88 3.55 0.00	60.29 4.57 0.00	54.69 3.48 0.00	48.36 3.16 0.00	42.17 2.69 0.00	38.84 2.30 0.00

KENSICO____ 23655	38.82 1.35 0.00	36.55 1.24 0.00	35.41 1.20 0.00	35.34 1.19 0.00	35.44 1.30 0.00	39.67 1.56 0.00	53.25 2.36 1.64	63.46 3.03 2.67	56.39 2.79 2.12	46.68 2.52 0.92	39.91 2.19 0.00	36.76 2.08 0.00	33.84 1.89 0.00	32.37 1.83 0.00	31.52 2.01 0.00	32.12 1.99 0.00	34.16 2.02 0.00	40.49 2.33 0.00	52.33 3.01 0.00	59.50 3.79 0.00	54.23 3.02 0.00	47.68 2.49 0.00	41.58 2.09 0.00	38.33 1.79 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.78 1.31 0.00	36.55 1.24 0.00	35.38 1.16 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.67 1.56 0.00	53.40 2.52 1.65	63.44 3.03 2.68	56.28 2.68 2.13	46.32 2.16 0.92	39.46 1.74 0.00	36.24 1.56 0.00	33.33 1.37 0.00	31.88 1.34 0.00	30.99 1.48 0.00	31.64 1.51 0.00	33.71 1.57 0.00	40.07 1.91 0.00	52.09 2.76 0.00	59.45 3.73 0.00	54.07 2.87 0.00	47.50 2.30 0.00	41.42 1.93 0.00	38.22 1.68 0.00
KIAC_JFK_GT1 23816	38.82 1.35 0.00	36.59 1.27 0.00	35.45 1.23 0.00	35.37 1.23 0.00	35.47 1.33 0.00	39.74 1.64 0.00	53.51 2.63 1.64	63.90 3.47 2.67	56.90 3.29 2.12	47.13 2.97 0.92	40.36 2.64 0.00	37.24 2.57 0.00	34.29 2.33 0.00	32.79 2.26 0.00	31.97 2.45 0.00	32.57 2.44 0.00	34.65 2.51 0.00	41.03 2.86 0.00	52.93 3.60 0.00	60.28 4.57 0.00	54.89 3.69 0.00	48.09 2.89 0.00	41.85 2.37 0.00	38.47 1.94 0.00
KIAC_JFK_GT2 23817	38.82 1.35 0.00	36.59 1.27 0.00	35.45 1.23 0.00	35.37 1.23 0.00	35.47 1.33 0.00	39.74 1.64 0.00	53.51 2.63 1.64	63.90 3.47 2.67	56.90 3.29 2.12	47.13 2.97 0.92	40.36 2.64 0.00	37.24 2.57 0.00	34.29 2.33 0.00	32.79 2.26 0.00	31.97 2.45 0.00	32.57 2.44 0.00	34.65 2.51 0.00	41.03 2.86 0.00	52.93 3.60 0.00	60.28 4.57 0.00	54.89 3.69 0.00	48.09 2.89 0.00	41.85 2.37 0.00	38.47 1.94 0.00
KIAC_JFK____ 323774	38.82 1.35 0.00	36.58 1.27 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.47 1.33 0.00	39.74 1.64 0.00	53.46 2.57 1.64	63.83 3.40 2.67	56.90 3.29 2.12	47.13 2.97 0.92	40.36 2.64 0.00	37.21 2.53 0.00	34.29 2.33 0.00	32.79 2.26 0.00	31.97 2.45 0.00	32.54 2.41 0.00	34.65 2.51 0.00	40.99 2.82 0.00	52.92 3.60 0.00	60.29 4.57 0.00	54.84 3.64 0.00	48.04 2.85 0.00	41.77 2.29 0.00	38.51 1.97 0.00
KINTIGH____ 23543	35.56 -1.91 0.00	33.55 -1.77 0.00	32.43 -1.78 0.00	32.60 -1.54 0.00	32.81 -1.33 0.00	37.07 -1.03 0.01	46.35 -1.73 4.44	53.18 -2.71 7.20	47.05 -2.95 5.73	40.07 -2.52 2.47	35.20 -2.53 0.00	32.39 -2.29 0.00	29.49 -2.46 0.00	28.09 -2.83 0.00	26.68 -2.74 0.00	27.39 -2.70 0.00	29.44 -2.70 0.00	35.23 -2.94 0.00	45.87 -3.45 0.00	52.15 -3.57 0.00	47.41 -3.79 0.00	41.35 -3.84 0.00	36.48 -3.00 0.00	34.02 -2.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.99 -0.49 0.00	34.82 -0.49 0.00	33.70 -0.51 0.00	33.15 -0.99 0.00	32.81 -1.33 0.00	-6.09 -1.56 42.63	-5.77 -2.21 56.10	-5.45 -2.59 65.96	-5.69 -2.56 58.86	-6.04 -2.12 49.00	36.10 -1.62 0.00	33.05 -1.63 0.00	29.31 -1.53 1.11	-6.47 -1.40 35.60	-6.52 -1.33 34.70	-6.53 -1.45 35.22	-6.40 -1.57 36.97	36.26 -1.91 0.00	47.45 -1.87 0.00	53.71 -2.01 0.00	50.03 -1.18 0.00	44.83 -0.36 0.00	39.09 -0.39 0.00	36.14 -0.40 0.00
LACHUTE__HYDRO 323717	39.08 1.61 0.00	36.76 1.45 0.00	35.62 1.40 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.97 1.87 0.00	53.97 3.05 1.61	64.40 3.91 2.61	57.28 3.62 2.07	46.43 2.25 0.90	39.38 1.66 0.00	35.86 1.18 0.00	32.88 0.93 0.00	31.30 0.76 0.00	30.31 0.80 0.00	30.92 0.78 0.00	33.26 1.12 0.00	39.84 1.68 0.00	52.38 3.06 0.00	59.78 4.07 0.00	54.38 3.18 0.00	48.90 3.71 0.00	42.60 3.12 0.00	39.39 2.85 0.00
LAWRNCV_115KV_TB1 80681	37.02 -0.45 0.00	34.89 -0.42 0.00	33.80 -0.41 0.00	33.56 -0.58 0.00	33.52 -0.61 0.00	42.74 -0.80 -5.43	57.52 -1.31 -6.30	69.60 -1.77 -8.28	61.42 -1.84 -7.53	49.45 -1.40 -5.77	36.70 -1.02 0.00	33.57 -1.11 0.00	31.06 -1.02 -0.13	33.78 -0.98 -4.23	32.69 -0.94 -4.12	33.26 -1.05 -4.18	35.40 -1.12 -4.39	36.83 -1.34 0.00	47.80 -1.53 0.00	53.71 -2.01 0.00	50.03 -1.18 0.00	44.34 -0.86 0.00	38.69 -0.79 0.00	35.84 -0.69 0.00
LEDERLE____ 23769	38.71 1.24 0.00	36.45 1.13 0.00	35.31 1.09 0.00	35.23 1.09 0.00	35.33 1.19 0.00	39.67 1.56 0.00	53.30 2.42 1.65	63.44 3.03 2.68	56.39 2.79 2.13	46.54 2.39 0.92	39.76 2.04 0.00	36.58 1.91 0.00	33.65 1.69 0.00	32.18 1.65 0.00	31.29 1.77 0.00	31.94 1.81 0.00	33.94 1.80 0.00	40.23 2.06 0.00	52.09 2.76 0.00	59.34 3.62 0.00	54.02 2.82 0.00	47.45 2.26 0.00	41.42 1.93 0.00	38.14 1.61 0.00
LIGHTHSE_115KV_TB6 355974	37.14 -0.34 0.00	35.00 -0.32 0.00	33.91 -0.31 0.00	33.87 -0.27 0.00	33.83 -0.31 0.00	38.62 -0.30 -0.82	51.08 -0.21 1.24	60.57 -0.25 2.27	53.57 -0.50 1.66	44.05 -0.68 0.35	36.89 -0.83 0.00	33.78 -0.90 0.00	31.12 -0.83 0.00	29.68 -0.85 0.00	28.57 -0.94 0.00	29.26 -0.87 0.00	31.27 -0.87 0.00	37.63 -0.53 0.00	48.93 -0.39 0.00	55.60 -0.11 0.00	50.85 -0.36 0.00	44.70 -0.50 0.00	38.89 -0.59 0.00	36.06 -0.47 0.00
LINDEN COGEN____ 23786	38.67 1.20 0.00	36.41 1.10 0.00	35.28 1.06 0.00	35.20 1.06 0.00	35.33 1.19 0.00	39.55 1.45 0.00	53.14 2.26 1.64	56.77 2.77 9.10	56.34 2.73 2.12	46.68 2.52 0.92	39.95 2.23 0.00	36.83 2.15 0.00	33.91 1.95 0.00	32.46 1.92 0.00	31.67 2.15 0.00	32.27 2.14 0.00	34.26 2.12 0.00	40.53 2.37 0.00	52.33 3.01 0.00	59.56 3.84 0.00	54.22 3.02 0.00	47.54 2.35 0.00	41.46 1.97 0.00	38.29 1.75 0.00
LINDHRST_69_KV_BK1 356055	39.35 1.87 0.00	36.90 1.59 0.00	35.75 1.54 0.00	35.64 1.50 0.00	35.78 1.64 0.00	40.20 2.10 0.00	53.83 2.94 1.64	64.40 3.97 2.67	57.01 3.40 2.12	47.22 3.06 0.92	40.48 2.75 0.00	37.21 2.53 0.00	34.16 2.20 0.00	32.83 2.29 0.00	32.11 2.60 0.00	32.66 2.53 0.00	34.84 2.70 0.00	41.49 3.32 0.00	53.07 3.75 0.00	60.51 4.79 0.00	54.89 3.69 0.00	48.76 3.57 0.00	42.45 2.96 0.00	39.17 2.63 0.00
LIPA_MISC_IPP 23656	38.71 1.24 0.00	36.27 0.95 0.00	35.21 0.99 0.00	35.03 0.89 0.00	35.16 1.02 0.00	39.48 1.37 0.00	52.83 1.94 1.64	63.33 2.90 2.67	56.01 2.40 2.12	46.54 2.39 0.92	39.80 2.07 0.00	36.58 1.91 0.00	33.59 1.63 0.00	32.55 2.02 0.00	31.88 2.36 0.00	32.27 2.14 0.00	34.32 2.19 0.00	40.95 2.79 0.00	52.09 2.76 0.00	59.45 3.73 0.00	53.87 2.66 0.00	48.00 2.80 0.00	41.93 2.45 0.00	38.69 2.16 0.00
LISF__SOLAR 323691	38.78 1.31 0.00	36.30 0.99 0.00	35.24 1.03 0.00	35.06 0.92 0.00	35.23 1.09 0.00	39.51 1.41 0.00	52.77 1.89 1.64	63.27 2.84 2.67	55.89 2.29 2.12	46.59 2.43 0.92	39.72 2.00 0.00	36.58 1.91 0.00	33.58 1.63 0.00	32.58 2.05 0.00	31.88 2.36 0.00	32.30 2.17 0.00	34.29 2.15 0.00	40.88 2.71 -0.01	52.19 2.86 0.00	59.61 3.90 0.00	53.92 2.71 0.00	47.91 2.71 0.00	41.93 2.45 0.00	38.44 1.90 0.00

LITTLE FALLS___HYD 24013	36.35 -1.12 0.00	34.15 -1.17 0.00	33.02 -1.20 0.00	32.88 -1.26 0.00	32.84 -1.30 0.00	36.58 -1.52 0.00	48.58 -2.00 1.96	57.58 -2.33 3.18	51.14 -2.06 2.53	42.27 -1.71 1.09	36.25 -1.47 0.00	33.29 -1.39 0.00	30.68 -1.28 0.00	29.31 -1.22 0.00	28.39 -1.12 0.00	28.99 -1.15 0.00	30.89 -1.25 0.00	36.64 -1.53 0.00	47.45 -1.87 0.00	53.99 -1.73 0.00	49.67 -1.54 0.00	43.97 -1.22 0.00	38.46 -1.03 0.00	35.59 -0.95 0.00
LITTLRIV_115KV_TB1 356100	37.51 0.04 0.00	35.32 0.00 0.00	34.25 0.03 0.00	34.00 -0.14 0.00	33.93 -0.20 0.00	43.78 -0.30 -5.98	58.87 -0.63 -6.97	71.47 -1.01 -9.39	62.92 -1.34 -8.53	50.41 -1.04 -6.37	36.93 -0.79 0.00	33.78 -0.90 0.00	31.24 -0.86 -0.15	34.40 -0.82 -4.69	33.29 -0.80 -4.57	33.87 -0.90 -4.64	36.04 -0.96 -4.87	37.10 -1.07 0.00	48.34 -0.99 0.00	54.43 -1.28 0.00	50.74 -0.46 0.00	44.92 -0.27 0.00	39.17 -0.32 0.00	36.28 -0.26 0.00
LI_NEWBRDGE___DRP 323616	38.86 1.39 0.00	36.48 1.17 0.00	35.38 1.16 0.00	35.27 1.13 0.00	35.40 1.26 0.00	39.70 1.60 0.00	53.14 2.26 1.64	63.39 2.97 2.67	56.28 2.68 2.12	46.72 2.57 0.92	40.02 2.30 0.00	36.83 2.15 0.00	33.84 1.89 0.00	32.46 1.92 0.00	31.73 2.21 0.00	32.27 2.14 0.00	34.39 2.25 0.00	40.88 2.71 0.00	52.33 3.01 0.00	59.62 3.90 0.00	54.12 2.92 0.00	48.04 2.85 0.00	41.85 2.37 0.00	38.62 2.08 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.34 -2.14 0.00	33.34 -1.98 0.00	32.19 -2.02 0.00	32.43 -1.71 0.00	32.67 -1.47 0.00	37.07 -1.03 0.01	45.81 -2.42 4.30	52.46 -3.66 6.98	46.22 -3.96 5.55	39.34 -3.34 2.40	34.82 -2.90 0.00	32.04 -2.64 0.00	29.08 -2.88 0.00	27.70 -2.84 0.00	26.18 -3.34 0.00	26.91 -3.22 0.00	28.96 -3.18 0.00	34.73 -3.43 0.00	45.38 -3.95 0.00	51.65 -4.07 0.00	46.90 -4.30 0.00	40.81 -4.38 0.00	36.09 -3.40 0.00	33.69 -2.85 0.00
LOCKPORT___CC1 323769	35.30 -2.17 0.00	33.30 -2.01 0.00	32.16 -2.05 0.00	32.44 -1.71 0.00	32.67 -1.47 0.00	37.03 -1.07 0.01	45.82 -2.42 4.29	52.48 -3.66 6.96	46.24 -3.96 5.53	39.39 -3.29 2.39	34.85 -2.87 0.00	32.04 -2.64 0.00	29.24 -2.72 0.00	27.70 -2.84 0.00	26.21 -3.31 0.00	26.91 -3.22 0.00	28.96 -3.18 0.00	34.77 -3.40 0.00	45.38 -3.95 0.00	51.59 -4.12 0.00	46.90 -4.30 0.00	41.04 -4.16 0.00	36.17 -3.32 0.00	33.80 -2.74 0.00
LOCKPORT___CC2 323770	35.30 -2.17 0.00	33.30 -2.01 0.00	32.16 -2.05 0.00	32.44 -1.71 0.00	32.67 -1.47 0.00	37.03 -1.07 0.01	45.82 -2.42 4.29	52.48 -3.66 6.96	46.24 -3.96 5.53	39.39 -3.29 2.39	34.85 -2.87 0.00	32.04 -2.64 0.00	29.24 -2.72 0.00	27.70 -2.84 0.00	26.21 -3.31 0.00	26.91 -3.22 0.00	28.96 -3.18 0.00	34.77 -3.40 0.00	45.38 -3.95 0.00	51.59 -4.12 0.00	46.90 -4.30 0.00	41.04 -4.16 0.00	36.17 -3.32 0.00	33.80 -2.74 0.00
LOCKPORT___CC3 323771	35.30 -2.17 0.00	33.30 -2.01 0.00	32.16 -2.05 0.00	32.44 -1.71 0.00	32.67 -1.47 0.00	37.03 -1.07 0.01	45.82 -2.42 4.29	52.48 -3.66 6.96	46.24 -3.96 5.53	39.39 -3.29 2.39	34.85 -2.87 0.00	32.04 -2.64 0.00	29.24 -2.72 0.00	27.70 -2.84 0.00	26.21 -3.31 0.00	26.91 -3.22 0.00	28.96 -3.18 0.00	34.77 -3.40 0.00	45.38 -3.95 0.00	51.59 -4.12 0.00	46.90 -4.30 0.00	41.04 -4.16 0.00	36.17 -3.32 0.00	33.80 -2.74 0.00
LONG_LAKE_PHOENIX 24014	36.76 -0.71 0.00	34.71 -0.60 0.00	33.63 -0.58 0.00	33.59 -0.55 0.00	33.52 -0.61 0.00	37.46 -0.65 0.00	50.22 -0.79 1.52	59.68 -0.95 2.47	52.88 -0.89 1.96	43.37 -0.86 0.85	36.86 -0.87 0.00	33.84 -0.83 0.00	31.22 -0.73 0.00	29.80 -0.73 0.00	28.69 -0.83 0.00	29.35 -0.78 0.00	31.34 -0.80 0.00	37.55 -0.61 0.00	48.49 -0.84 0.00	55.10 -0.61 0.00	50.28 -0.92 0.00	44.29 -0.90 0.00	38.58 -0.91 0.00	35.77 -0.77 0.00
LOVETT___3 23632	38.60 1.12 0.00	36.34 1.02 0.00	35.21 0.99 0.00	35.13 0.99 0.00	35.23 1.09 0.00	39.44 1.33 0.00	52.93 2.05 1.65	63.00 2.59 2.68	56.00 2.40 2.13	46.32 2.16 0.92	39.57 1.85 0.00	36.45 1.77 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.23 1.71 0.00	31.82 1.69 0.00	33.87 1.74 0.00	40.15 1.98 0.00	51.89 2.56 0.00	59.06 3.34 0.00	53.82 2.61 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.04 1.50 0.00
LOVETT___4 23642	38.60 1.12 0.00	36.34 1.02 0.00	35.21 0.99 0.00	35.13 0.99 0.00	35.23 1.09 0.00	39.44 1.33 0.00	52.93 2.05 1.65	63.00 2.59 2.68	56.00 2.40 2.13	46.32 2.16 0.92	39.57 1.85 0.00	36.45 1.77 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.23 1.71 0.00	31.82 1.69 0.00	33.87 1.74 0.00	40.15 1.98 0.00	51.89 2.56 0.00	59.06 3.34 0.00	53.82 2.61 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.04 1.50 0.00
LOVETT___5 23593	38.60 1.12 0.00	36.34 1.02 0.00	35.21 0.99 0.00	35.13 0.99 0.00	35.23 1.09 0.00	39.44 1.33 0.00	52.93 2.05 1.65	63.00 2.59 2.68	56.00 2.40 2.13	46.32 2.16 0.92	39.57 1.85 0.00	36.45 1.77 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.23 1.71 0.00	31.82 1.69 0.00	33.87 1.74 0.00	40.15 1.98 0.00	51.89 2.56 0.00	59.06 3.34 0.00	53.82 2.61 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.04 1.50 0.00
LOWER RAQUET___HYD 24057	36.87 -0.60 0.00	34.75 -0.57 0.00	33.66 -0.55 0.00	33.42 -0.72 0.00	33.39 -0.75 0.00	43.64 -0.95 -6.48	58.61 -1.53 -7.60	71.28 -2.15 -10.34	62.88 -2.23 -9.38	50.39 -1.62 -6.94	36.48 -1.24 0.00	33.36 -1.32 0.00	30.90 -1.21 -0.16	34.49 -1.16 -5.12	33.39 -1.12 -4.99	33.96 -1.24 -5.07	36.14 -1.32 -5.32	36.60 -1.57 0.00	47.60 -1.73 0.00	53.49 -2.23 0.00	49.82 -1.38 0.00	44.16 -1.04 0.00	38.50 -0.99 0.00	35.66 -0.88 0.00
LOWER___HUDSON 24059	38.48 1.01 0.00	36.23 0.92 0.00	35.10 0.89 0.00	35.03 0.89 0.00	35.20 1.06 0.00	39.29 1.18 0.00	52.50 1.57 1.60	62.46 1.96 2.60	55.56 1.90 2.06	45.76 1.58 0.89	39.01 1.28 0.00	35.86 1.18 0.00	33.01 1.05 0.00	31.57 1.04 0.00	30.61 1.09 0.00	31.25 1.12 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.00 1.68 0.00	57.89 2.17 0.00	52.89 1.69 0.00	46.82 1.62 0.00	40.98 1.50 0.00	37.93 1.39 0.00
LOWVILLE_115KV_TB2 356335	37.62 0.15 0.00	35.46 0.14 0.00	34.32 0.10 0.00	34.21 0.07 0.00	34.24 0.10 0.00	40.13 0.11 -1.91	53.49 0.37 -0.59	63.90 0.44 -0.36	56.42 0.06 -0.63	45.88 -0.32 -1.13	37.19 -0.53 0.00	33.95 -0.73 0.00	31.30 -0.70 -0.05	31.31 -0.73 -1.51	30.28 -0.71 -1.47	30.97 -0.66 -1.50	33.07 -0.64 -1.57	37.78 -0.38 0.00	49.33 0.00 0.00	56.33 0.61 0.00	51.66 0.46 0.00	45.51 0.32 0.00	39.60 0.12 0.00	36.98 0.44 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.78 1.31 0.00	36.52 1.20 0.00	35.38 1.16 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.59 1.49 0.00	53.18 2.26 1.61	63.27 2.78 2.60	56.33 2.68 2.07	46.16 1.98 0.89	39.31 1.58 0.00	35.99 1.32 0.00	33.07 1.12 0.00	31.57 1.04 0.00	30.58 1.06 0.00	31.22 1.08 0.00	33.42 1.29 0.00	39.73 1.56 0.00	51.45 2.12 0.00	58.45 2.73 0.00	53.35 2.15 0.00	47.41 2.21 0.00	41.46 1.97 0.00	38.36 1.83 0.00

LUTHERNY_35_KV_BK2 355980	38.82 1.35 0.00	36.52 1.20 0.00	35.38 1.16 0.00	35.30 1.16 0.00	35.44 1.30 0.00	39.63 1.52 0.00	53.18 2.26 1.61	63.33 2.84 2.60	56.33 2.68 2.07	46.16 1.98 0.89	39.31 1.58 0.00	35.99 1.32 0.00	33.07 1.12 0.00	31.57 1.04 0.00	30.58 1.06 0.00	31.22 1.08 0.00	33.42 1.29 0.00	39.77 1.60 0.00	51.50 2.17 0.00	58.50 2.79 0.00	53.41 2.20 0.00	47.45 2.26 0.00	41.46 1.97 0.00	38.36 1.83 0.00
LWR___OSWEGATCHIE_HYD 23850	36.91 -0.56 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.53 -0.61 0.00	33.49 -0.65 0.00	41.78 -0.76 -4.43	55.98 -1.00 -4.44	67.55 -1.39 -5.84	59.61 -1.56 -5.44	48.00 -1.40 -4.32	36.48 -1.24 0.00	33.29 -1.39 0.00	30.79 -1.28 -0.11	32.78 -1.25 -3.50	31.69 -1.24 -3.41	32.33 -1.27 -3.46	34.46 -1.32 -3.64	36.83 -1.34 0.00	48.04 -1.28 0.00	54.49 -1.23 0.00	50.33 -0.87 0.00	44.47 -0.72 0.00	38.69 -0.79 0.00	35.95 -0.58 0.00
LYONS_FALL_HYD 23570	37.89 0.41 0.00	35.67 0.35 0.00	34.56 0.34 0.00	34.45 0.31 0.00	34.48 0.34 0.00	39.77 0.38 -1.29	52.92 0.74 0.34	63.02 0.88 0.96	55.76 0.56 0.53	45.60 0.18 -0.35	37.65 -0.08 0.00	34.40 -0.28 0.00	31.73 -0.26 -0.03	31.22 -0.34 -1.02	30.19 -0.32 -0.99	30.87 -0.27 -1.01	32.97 -0.22 -1.06	38.17 0.00 0.00	49.72 0.39 0.00	56.72 1.00 0.00	51.97 0.77 0.00	45.78 0.59 0.00	39.88 0.39 0.00	37.09 0.55 0.00
MADISON___COUNTY_LFGE 323628	38.33 0.86 0.00	36.13 0.81 0.00	35.00 0.79 0.00	34.93 0.79 0.00	34.96 0.82 0.00	39.09 0.99 0.01	51.47 1.52 2.58	60.73 1.83 4.19	53.85 1.45 3.33	44.54 0.90 1.44	38.29 0.57 0.00	34.99 0.31 0.00	32.24 0.29 0.00	30.75 0.21 0.00	29.66 0.15 0.00	30.37 0.24 0.00	32.43 0.29 0.00	38.81 0.65 0.00	50.51 1.18 0.00	57.61 1.89 0.00	52.64 1.43 0.00	46.32 1.13 0.00	40.35 0.87 0.00	37.34 0.80 0.00
MALONE___115KV_TB1 356076	37.25 -0.22 0.00	35.07 -0.25 0.00	33.97 -0.24 0.00	33.59 -0.55 0.00	33.46 -0.68 0.00	65.01 -0.84 -27.75	86.83 -1.26 -35.56	104.88 -1.51 -43.30	92.85 -1.67 -38.79	75.13 -1.31 -31.37	36.82 -0.91 0.00	33.67 -1.01 0.00	31.71 -0.96 -0.71	52.52 -0.89 -22.87	50.90 -0.92 -22.30	51.74 -1.02 -22.63	54.80 -1.09 -23.75	36.87 -1.30 0.00	48.04 -1.28 0.00	54.16 -1.56 0.00	50.44 -0.77 0.00	44.79 -0.41 0.00	39.09 -0.39 0.00	36.10 -0.44 0.00
MAPLEWOD_115KV_TB3 80458	38.30 0.82 0.00	36.06 0.74 0.00	34.93 0.72 0.00	34.89 0.75 0.00	34.99 0.85 0.00	39.06 0.95 0.00	52.19 1.26 1.60	62.02 1.51 2.59	55.17 1.50 2.06	45.49 1.31 0.89	38.78 1.06 0.00	35.75 1.07 0.00	32.91 0.96 0.00	31.51 0.98 0.00	30.52 1.00 0.00	31.16 1.02 0.00	33.20 1.06 0.00	39.27 1.11 0.00	50.81 1.48 0.00	57.67 1.95 0.00	52.64 1.43 0.00	46.51 1.31 0.00	40.67 1.18 0.00	37.67 1.13 0.00
MAPLE_RIDGE_WT_1 323574	36.84 -0.64 0.00	34.75 -0.57 0.00	33.66 -0.55 0.00	33.53 -0.61 0.00	33.46 -0.68 0.00	37.27 -0.84 0.00	50.08 -1.11 1.34	59.66 -1.26 2.17	52.94 -1.06 1.73	43.51 -0.81 0.75	37.12 -0.61 0.00	34.12 -0.56 0.00	31.41 -0.54 0.00	30.02 -0.52 0.00	28.99 -0.53 0.00	29.56 -0.57 0.00	31.53 -0.61 0.00	37.44 -0.73 0.00	48.49 -0.84 0.00	54.66 -1.06 0.00	50.33 -0.87 0.00	44.38 -0.81 0.00	38.73 -0.75 0.00	35.84 -0.70 0.00
MAPLE_RIDGE_WT_2 323611	36.84 -0.64 0.00	34.75 -0.57 0.00	33.66 -0.55 0.00	33.53 -0.61 0.00	33.46 -0.68 0.00	37.27 -0.84 0.00	50.08 -1.11 1.34	59.66 -1.26 2.17	52.94 -1.06 1.73	43.51 -0.81 0.75	37.12 -0.61 0.00	34.12 -0.56 0.00	31.41 -0.54 0.00	30.02 -0.52 0.00	28.99 -0.53 0.00	29.56 -0.57 0.00	31.53 -0.61 0.00	37.44 -0.73 0.00	48.49 -0.84 0.00	54.66 -1.06 0.00	50.33 -0.87 0.00	44.38 -0.81 0.00	38.73 -0.75 0.00	35.84 -0.70 0.00
MARBLE_RIVER_WT_PWR 323696	36.27 -1.20 0.00	34.11 -1.20 0.00	32.95 -1.27 0.00	32.30 -1.84 0.00	31.78 -2.36 0.00	-7.00 -2.86 42.25	-7.00 -3.94 55.59	-7.00 -4.73 65.36	-7.00 -4.40 58.33	-7.00 -3.52 48.56	34.97 -2.75 0.00	32.04 -2.64 0.00	28.40 -2.46 1.10	-7.00 -2.26 35.28	-7.00 -2.13 34.39	-7.00 -2.23 34.90	-7.00 -2.51 36.63	35.26 -2.90 0.00	46.31 -3.01 0.00	52.48 -3.23 0.00	49.00 -2.20 0.00	44.02 -1.18 0.00	38.30 -1.18 0.00	35.40 -1.13 0.00
MARSHVLE_115KV_TB1 80742	39.95 2.47 0.00	37.58 2.26 0.00	36.37 2.16 0.00	36.33 2.19 0.00	36.43 2.29 0.00	40.89 2.78 0.00	54.85 4.10 1.77	65.08 4.86 2.88	57.34 3.90 2.29	46.43 2.34 0.99	39.46 1.74 0.00	35.93 1.25 0.00	33.17 1.21 0.00	31.63 1.10 0.00	30.58 1.06 0.00	31.37 1.24 0.00	33.78 1.64 0.00	40.68 2.52 0.00	53.42 4.09 0.00	61.01 5.29 0.00	55.61 4.40 0.00	48.90 3.71 0.00	42.56 3.08 0.00	39.31 2.78 0.00
MARSH_HILL_WT_PWR 323713	35.37 -2.10 0.00	33.23 -2.08 0.00	32.16 -2.05 0.00	32.33 -1.81 0.00	32.53 -1.60 0.00	36.92 -1.18 0.01	46.74 -2.10 3.69	54.15 -2.96 5.98	47.69 -3.29 4.76	39.91 -3.11 2.05	35.05 -2.68 0.00	32.22 -2.46 0.00	29.40 -2.56 0.00	27.97 -2.56 0.00	26.45 -3.07 0.00	27.45 -2.68 0.00	29.54 -2.60 0.00	36.03 -2.14 0.00	48.19 -1.13 0.00	55.49 -0.22 0.00	50.33 -0.87 0.00	43.84 -1.35 0.00	38.06 -1.42 0.00	35.26 -1.28 0.00
MCINTYRE_115KV_TB2 80467	37.96 0.49 0.00	35.74 0.42 0.00	34.62 0.41 0.00	34.41 0.27 0.00	34.38 0.24 0.00	43.42 0.15 -5.16	58.49 0.00 -5.96	70.77 -0.19 -7.86	62.16 -0.72 -7.15	49.91 -0.63 -5.47	37.31 -0.41 0.00	34.09 -0.59 0.00	31.54 -0.54 -0.12	33.98 -0.55 -3.99	32.91 -0.50 -3.89	33.48 -0.60 -3.95	35.64 -0.64 -4.15	37.48 -0.69 0.00	48.88 -0.44 0.00	55.05 -0.67 0.00	51.36 0.15 0.00	45.47 0.27 0.00	39.68 0.20 0.00	36.72 0.18 0.00
MECO_____69_KV_BK1 80468	40.13 2.66 0.00	37.75 2.44 0.00	36.54 2.33 0.00	36.50 2.36 0.00	36.63 2.49 0.00	41.11 3.01 0.00	55.18 4.36 1.71	65.62 5.30 2.78	57.98 4.46 2.21	46.91 2.79 0.95	39.84 2.11 0.00	36.34 1.66 0.00	33.49 1.53 0.00	31.91 1.37 0.00	30.87 1.36 0.00	31.61 1.48 0.00	34.04 1.90 0.00	40.88 2.71 0.00	53.72 4.39 0.00	61.34 5.63 0.00	55.86 4.66 0.00	49.22 4.02 0.00	42.84 3.36 0.00	39.57 3.03 0.00
MENANDS___115KV_TB5 355628	38.15 0.67 0.00	35.92 0.60 0.00	34.83 0.62 0.00	34.76 0.61 0.00	34.89 0.75 0.00	38.94 0.84 0.00	51.98 1.05 1.60	61.77 1.26 2.59	54.95 1.28 2.06	45.35 1.17 0.89	38.67 0.94 0.00	35.65 0.97 0.00	32.85 0.89 0.00	31.45 0.92 0.00	30.49 0.97 0.00	31.10 0.96 0.00	33.14 1.00 0.00	39.16 0.99 0.00	50.61 1.28 0.00	57.44 1.73 0.00	52.43 1.23 0.00	46.32 1.13 0.00	40.51 1.03 0.00	37.52 0.99 0.00
MG INDUSTRY___DRP 24185	38.26 0.79 0.00	36.02 0.71 0.00	34.93 0.72 0.00	34.86 0.72 0.00	34.96 0.82 0.00	39.02 0.91 0.00	52.15 1.21 1.59	61.91 1.39 2.58	54.96 1.28 2.05	45.18 0.99 0.88	38.48 0.75 0.00	35.41 0.73 0.00	32.59 0.64 0.00	31.18 0.64 0.00	30.20 0.68 0.00	30.83 0.69 0.00	32.88 0.74 0.00	39.01 0.84 0.00	50.56 1.23 0.00	57.44 1.73 0.00	52.48 1.28 0.00	46.37 1.18 0.00	40.55 1.07 0.00	37.52 0.99 0.00

MID___OSWEGATCHIE_HYD 23849	36.91 -0.56 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.53 -0.61 0.00	33.49 -0.65 0.00	41.78 -0.76 -4.43	55.98 -1.00 -4.44	67.55 -1.39 -5.84	59.61 -1.56 -5.44	48.00 -1.40 -4.32	36.48 -1.24 0.00	33.29 -1.39 0.00	30.79 -1.28 -0.11	32.78 -1.25 -3.50	31.69 -1.24 -3.41	32.33 -1.27 -3.46	34.46 -1.32 -3.64	36.83 -1.34 0.00	48.04 -1.28 0.00	54.49 -1.23 0.00	50.33 -0.87 0.00	44.47 -0.72 0.00	38.69 -0.79 0.00	35.95 -0.58 0.00
MID___RAQUETTE_HYD 23851	36.87 -0.60 0.00	34.75 -0.57 0.00	33.67 -0.55 0.00	33.42 -0.72 0.00	33.39 -0.75 0.00	43.64 -0.95 -6.48	58.61 -1.52 -7.60	71.29 -2.15 -10.34	62.88 -2.23 -9.38	50.39 -1.62 -6.94	36.48 -1.24 0.00	33.36 -1.32 0.00	30.90 -1.21 -0.16	34.49 -1.16 -5.12	33.39 -1.12 -4.99	33.96 -1.24 -5.07	36.14 -1.32 -5.32	36.60 -1.56 0.00	47.60 -1.73 0.00	53.49 -2.23 0.00	49.82 -1.38 0.00	44.16 -1.04 0.00	38.50 -0.99 0.00	35.70 -0.84 0.00
MILLIKEN___1 23584	38.00 0.52 0.00	35.85 0.53 0.00	34.73 0.51 0.00	34.72 0.58 0.00	34.72 0.58 0.00	38.90 0.80 0.01	50.82 1.26 2.97	59.72 1.45 4.83	52.90 1.00 3.84	43.87 0.45 1.66	37.84 0.11 0.00	34.68 0.00 0.00	31.86 -0.10 0.00	30.38 -0.15 0.00	29.19 -0.32 0.00	29.92 -0.21 0.00	32.01 -0.13 0.00	38.55 0.38 0.00	50.26 0.94 0.00	57.39 1.67 0.00	52.33 1.13 0.00	45.92 0.72 0.00	39.96 0.47 0.00	37.01 0.47 0.00
MILLIKEN___2 23585	38.00 0.52 0.00	35.85 0.53 0.00	34.73 0.51 0.00	34.72 0.58 0.00	34.72 0.58 0.00	38.90 0.80 0.01	50.82 1.26 2.97	59.72 1.45 4.83	52.90 1.00 3.84	43.87 0.45 1.66	37.84 0.11 0.00	34.68 0.00 0.00	31.86 -0.10 0.00	30.38 -0.15 0.00	29.19 -0.32 0.00	29.92 -0.21 0.00	32.01 -0.13 0.00	38.55 0.38 0.00	50.26 0.94 0.00	57.39 1.67 0.00	52.33 1.13 0.00	45.92 0.72 0.00	39.96 0.47 0.00	37.01 0.47 0.00
MILLIKEN___DIESEL 23629	38.00 0.52 0.00	35.85 0.53 0.00	34.73 0.51 0.00	34.72 0.58 0.00	34.72 0.58 0.00	38.90 0.80 0.01	50.82 1.26 2.97	59.72 1.45 4.83	52.90 1.00 3.84	43.87 0.45 1.66	37.84 0.11 0.00	34.68 0.00 0.00	31.86 -0.10 0.00	30.38 -0.15 0.00	29.19 -0.32 0.00	29.92 -0.21 0.00	32.01 -0.13 0.00	38.55 0.38 0.00	50.26 0.94 0.00	57.39 1.67 0.00	52.33 1.13 0.00	45.92 0.72 0.00	39.96 0.47 0.00	37.01 0.47 0.00
MILLSEAT___LFGE 323607	36.16 -1.31 0.00	34.15 -1.16 0.00	33.01 -1.20 0.00	33.22 -0.92 0.00	33.42 -0.72 0.00	37.91 -0.19 0.01	47.24 -0.94 4.34	54.47 -1.57 7.04	47.90 -2.23 5.60	40.58 -2.07 2.42	35.76 -1.96 0.00	32.77 -1.91 0.00	29.88 -2.08 0.00	28.31 -2.23 0.00	26.86 -2.66 0.00	27.48 -2.65 0.00	29.60 -2.54 0.00	35.61 -2.56 0.00	46.81 -2.51 0.00	53.32 -2.39 0.00	48.49 -2.72 0.00	42.39 -2.80 0.00	37.27 -2.21 0.00	34.64 -1.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.71 1.24 0.00	36.45 1.13 0.00	35.31 1.09 0.00	35.23 1.09 0.00	35.33 1.19 0.00	39.55 1.45 0.00	53.09 2.21 1.65	63.26 2.84 2.67	56.23 2.62 2.12	46.50 2.34 0.92	39.76 2.04 0.00	36.58 1.91 0.00	33.68 1.73 0.00	32.21 1.68 0.00	31.38 1.86 0.00	31.97 1.84 0.00	34.04 1.90 0.00	40.34 2.18 0.00	52.14 2.81 0.00	59.28 3.57 0.00	54.02 2.82 0.00	47.50 2.30 0.00	41.46 1.97 0.00	38.18 1.64 0.00
MILLWOOD_13_KV_LOAD 356217	38.78 1.31 0.00	36.55 1.24 0.00	35.38 1.16 0.00	35.34 1.19 0.00	35.44 1.30 0.00	39.63 1.52 0.00	53.25 2.36 1.65	63.45 3.03 2.67	56.45 2.84 2.12	46.63 2.48 0.92	39.84 2.11 0.00	36.65 1.98 0.00	33.75 1.79 0.00	32.28 1.74 0.00	31.44 1.92 0.00	32.03 1.90 0.00	34.10 1.96 0.00	40.46 2.29 0.00	52.28 2.96 0.00	59.50 3.79 0.00	54.17 2.97 0.00	47.64 2.44 0.00	41.58 2.09 0.00	38.29 1.75 0.00
MODEL_CITY_ENERGY 24167	35.00 -2.47 0.00	33.02 -2.29 0.00	31.89 -2.33 0.00	32.16 -1.98 0.00	32.40 -1.74 0.00	36.69 -1.41 0.01	45.30 -2.94 4.29	51.78 -4.35 6.96	45.68 -4.51 5.53	38.99 -3.69 2.39	34.55 -3.17 0.00	31.76 -2.91 0.00	28.98 -2.97 0.00	27.45 -3.08 0.00	25.97 -3.54 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.43 -3.74 0.00	44.89 -4.44 0.00	50.98 -4.74 0.00	46.39 -4.82 0.00	40.58 -4.61 0.00	35.81 -3.67 0.00	33.47 -3.07 0.00
MODERN_LFGE___ 323580	35.00 -2.47 0.00	33.02 -2.29 0.00	31.89 -2.33 0.00	32.16 -1.98 0.00	32.40 -1.74 0.00	36.69 -1.41 0.01	45.30 -2.94 4.29	51.78 -4.35 6.96	45.68 -4.51 5.53	38.99 -3.69 2.39	34.55 -3.17 0.00	31.76 -2.91 0.00	28.98 -2.97 0.00	27.45 -3.08 0.00	25.97 -3.54 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.43 -3.74 0.00	44.89 -4.44 0.00	50.98 -4.74 0.00	46.39 -4.82 0.00	40.58 -4.61 0.00	35.81 -3.67 0.00	33.47 -3.07 0.00
MOHAWK_PAPER___DRP 24187	38.30 0.82 0.00	36.06 0.74 0.00	34.93 0.72 0.00	34.89 0.75 0.00	34.99 0.85 0.00	39.06 0.95 0.00	52.19 1.26 1.60	62.02 1.51 2.59	55.17 1.50 2.06	45.49 1.31 0.89	38.78 1.06 0.00	35.75 1.07 0.00	32.91 0.96 0.00	31.51 0.98 0.00	30.52 1.00 0.00	31.16 1.02 0.00	33.20 1.06 0.00	39.27 1.11 0.00	50.81 1.48 0.00	57.67 1.95 0.00	52.64 1.43 0.00	46.51 1.31 0.00	40.67 1.18 0.00	37.67 1.13 0.00
MOHICAN___35_KV_115KV_LD 80490	38.52 1.05 0.00	36.23 0.92 0.00	35.10 0.89 0.00	35.03 0.89 0.00	35.13 0.99 0.00	39.36 1.26 0.00	52.92 2.00 1.61	63.07 2.59 2.61	56.11 2.45 2.07	45.89 1.71 0.90	39.01 1.28 0.00	35.65 0.97 0.00	32.75 0.80 0.00	31.24 0.70 0.00	30.22 0.71 0.00	30.86 0.72 0.00	33.10 0.96 0.00	39.46 1.30 0.00	51.35 2.02 0.00	58.39 2.67 0.00	53.30 2.10 0.00	47.91 2.71 0.00	41.81 2.33 0.00	38.66 2.12 0.00
MONGAUP___HYD 23641	38.71 1.23 0.00	36.45 1.13 0.00	35.28 1.06 0.00	35.20 1.06 0.00	35.30 1.16 0.00	39.55 1.45 0.00	52.82 1.94 1.66	62.17 1.76 2.69	55.09 1.51 2.14	45.63 1.49 0.92	39.16 1.43 0.00	35.96 1.28 0.00	33.04 1.09 0.00	31.60 1.07 0.00	30.70 1.18 0.00	31.37 1.24 0.00	33.46 1.32 0.00	39.54 1.37 0.00	51.44 2.12 0.00	58.78 3.06 0.00	53.45 2.25 0.00	46.96 1.76 0.00	40.95 1.46 0.00	38.04 1.50 0.00
MONTAUK___DIESEL 23721	39.05 1.57 0.00	36.45 1.13 0.00	35.10 0.89 0.00	34.69 0.55 0.00	34.79 0.65 0.00	39.13 1.03 0.00	52.57 1.68 1.64	63.39 2.97 2.67	56.06 2.45 2.12	46.32 2.16 0.92	39.16 1.43 0.00	35.86 1.18 0.00	32.95 0.99 0.00	32.15 1.62 0.00	31.46 1.95 0.00	31.67 1.54 0.00	33.59 1.45 0.00	40.23 2.06 0.00	51.35 2.02 0.00	58.72 3.01 0.00	53.05 1.84 0.00	47.27 2.08 0.00	41.22 1.74 0.00	38.47 1.94 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.67 -1.80 0.00	33.66 -1.66 0.00	32.71 -1.51 0.00	33.15 -0.99 0.00	33.56 -0.58 0.00	38.25 0.15 0.01	47.30 -1.16 4.07	54.78 -1.70 6.61	48.53 -1.95 5.25	40.87 -1.94 2.27	36.82 -0.91 0.00	33.84 -0.83 0.00	30.65 -1.31 0.00	29.07 -1.47 0.00	27.33 -2.18 0.00	28.05 -2.08 0.00	30.18 -1.96 0.00	36.49 -1.68 0.00	47.85 -1.48 0.00	54.32 -1.39 0.00	48.75 -2.46 0.00	41.90 -3.30 0.00	36.72 -2.76 0.00	34.20 -2.34 0.00

MORRIS RIDGE___SOLAR 323848	35.41 -2.06 0.00	33.37 -1.94 0.00	32.30 -1.92 0.00	32.50 -1.64 0.00	32.74 -1.40 0.00	37.15 -0.95 0.01	46.80 -1.94 3.79	54.05 -2.90 6.14	47.44 -3.40 4.89	39.67 -3.29 2.11	34.93 -2.79 0.00	32.15 -2.53 0.00	29.37 -2.59 0.00	27.94 -2.60 0.00	26.45 -3.07 0.00	27.21 -2.92 0.00	29.18 -2.96 0.00	35.42 -2.75 0.00	47.06 -2.27 0.00	53.99 -1.73 0.00	48.90 -2.30 0.00	42.66 -2.53 0.00	37.27 -2.21 0.00	34.60 -1.94 0.00
MORTIMER_115KV_TB3 55949	36.35 -1.12 0.00	34.33 -0.99 0.00	33.15 -1.06 0.00	33.29 -0.85 0.00	33.35 -0.79 0.00	37.60 -0.50 0.01	47.37 -0.68 4.48	54.75 -1.07 7.27	48.50 -1.45 5.78	41.22 -1.35 2.50	36.14 -1.58 0.00	33.19 -1.49 0.00	30.33 -1.63 0.00	28.89 -1.65 0.00	27.57 -1.95 0.00	28.20 -1.93 0.00	30.28 -1.86 0.00	36.30 -1.87 0.00	47.40 -1.92 0.00	53.88 -1.84 0.00	49.10 -2.10 0.00	42.93 -2.26 0.00	37.67 -1.82 0.00	34.93 -1.61 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.46 2.57 1.64	63.71 3.28 2.67	56.67 3.07 2.12	46.91 2.75 0.92	40.14 2.41 0.00	37.00 2.32 0.00	34.06 2.11 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.33 2.20 0.00	34.39 2.25 0.00	40.72 2.56 0.00	52.58 3.26 0.00	59.84 4.12 0.00	54.48 3.28 0.00	47.86 2.67 0.00	41.77 2.29 0.00	38.47 1.94 0.00
MUNSVILLE_WIND_PWR 323609	39.87 2.40 0.00	37.47 2.15 0.00	36.16 1.95 0.00	36.12 1.98 0.00	36.19 2.05 0.00	40.54 2.44 0.01	53.36 3.68 2.85	62.83 4.35 4.62	55.34 3.29 3.67	45.38 1.89 1.59	38.74 1.02 0.00	35.09 0.42 0.00	32.21 0.25 0.00	30.54 0.00 0.00	29.40 -0.12 0.00	30.31 0.18 0.00	32.62 0.48 0.00	39.73 1.57 0.00	52.73 3.40 0.00	61.23 5.52 0.00	55.76 4.56 0.00	48.99 3.80 0.00	42.53 3.04 0.00	39.28 2.74 0.00
N SALMON___HYD 24042	37.25 -0.22 0.00	35.07 -0.25 0.00	33.98 -0.24 0.00	33.59 -0.55 0.00	33.46 -0.68 0.00	65.01 -0.84 -27.75	86.83 -1.26 -35.56	104.88 -1.51 -43.30	92.85 -1.67 -38.79	75.13 -1.31 -31.37	36.82 -0.91 0.00	33.67 -1.01 0.00	31.71 -0.96 -0.71	52.52 -0.89 -22.87	50.90 -0.92 -22.30	51.74 -1.02 -22.63	54.80 -1.09 -23.75	36.87 -1.30 0.00	48.04 -1.28 0.00	54.21 -1.50 0.00	50.44 -0.77 0.00	44.79 -0.41 0.00	39.05 -0.43 0.00	36.10 -0.44 0.00
N.AKRON__115KV_KNAPP 355671	36.09 -1.39 0.00	34.04 -1.27 0.00	32.88 -1.33 0.00	33.12 -1.02 0.00	33.32 -0.82 0.00	37.79 -0.30 0.01	47.04 -1.16 4.33	54.18 -1.89 7.02	47.69 -2.45 5.59	40.41 -2.25 2.41	35.61 -2.11 0.00	32.70 -1.98 0.00	29.69 -2.27 0.00	28.24 -2.29 0.00	26.74 -2.77 0.00	27.42 -2.71 0.00	29.50 -2.64 0.00	35.49 -2.67 0.00	46.61 -2.71 0.00	53.10 -2.62 0.00	48.29 -2.92 0.00	41.99 -3.21 0.00	37.00 -2.49 0.00	34.45 -2.08 0.00
N.BELMOR_69_KV_BK1 55787	39.16 1.69 0.00	36.73 1.41 0.00	35.62 1.40 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.97 1.87 0.00	53.57 2.68 1.64	63.90 3.47 2.67	56.67 3.07 2.12	47.00 2.84 0.92	40.29 2.57 0.00	37.10 2.43 0.00	34.06 2.11 0.00	32.67 2.14 0.00	31.94 2.42 0.00	32.51 2.38 0.00	34.68 2.54 0.00	41.22 3.05 0.00	52.78 3.45 0.00	60.12 4.40 0.00	54.58 3.38 0.00	48.40 3.21 0.00	42.17 2.68 0.00	38.91 2.37 0.00
N.E_GEN_SANDY PD 24062	38.56 1.09 0.00	36.30 0.99 0.00	35.17 0.96 0.00	35.13 0.99 0.00	35.30 1.16 0.00	39.40 1.30 0.00	52.60 1.68 1.61	62.50 2.02 2.61	55.60 1.95 2.08	46.02 1.85 0.90	39.27 1.55 0.00	36.17 1.49 0.00	33.30 1.34 0.00	31.91 1.38 0.00	30.99 1.48 0.00	31.64 1.51 0.00	33.65 1.51 0.00	41.40 1.64 -1.59	49.65 1.92 1.59	57.67 2.51 0.56	53.71 1.95 -0.56	46.91 1.72 0.00	41.10 1.62 0.00	38.00 1.46 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.60 1.12 0.00	36.37 1.06 0.00	35.21 0.99 0.00	35.17 1.02 0.00	35.27 1.13 0.00	39.48 1.37 0.00	53.03 2.15 1.65	63.13 2.71 2.68	56.11 2.51 2.13	46.36 2.21 0.92	39.61 1.89 0.00	36.45 1.77 0.00	33.55 1.60 0.00	32.09 1.56 0.00	31.20 1.68 0.00	31.82 1.69 0.00	33.87 1.74 0.00	40.15 1.98 0.00	51.94 2.61 0.00	59.17 3.45 0.00	53.87 2.66 0.00	47.36 2.17 0.00	41.34 1.86 0.00	38.07 1.53 0.00
N.QUEENS_27_KV_LOAD 356247	38.90 1.42 -0.01	36.70 1.38 -0.01	35.56 1.33 -0.01	35.48 1.33 -0.01	35.61 1.47 -0.01	39.79 1.68 0.00	53.50 2.63 1.65	63.71 3.28 2.67	56.78 3.18 2.13	47.03 2.88 0.92	40.28 2.57 0.01	37.17 2.50 0.01	34.25 2.30 0.01	32.76 2.23 0.01	31.90 2.39 0.01	32.51 2.38 0.01	34.57 2.44 0.01	40.87 2.71 0.01	52.72 3.40 0.01	59.94 4.23 0.01	54.63 3.43 0.01	47.99 2.80 0.01	41.82 2.33 -0.01	38.44 1.90 -0.01
N.TROY___115KV_TB1 355778	38.48 1.01 0.00	36.23 0.92 0.00	35.10 0.89 0.00	35.03 0.89 0.00	35.20 1.06 0.00	39.28 1.18 0.00	52.51 1.58 1.60	62.39 1.89 2.60	55.50 1.84 2.06	45.76 1.58 0.89	39.01 1.28 0.00	35.89 1.21 0.00	33.01 1.05 0.00	31.57 1.04 0.00	30.61 1.09 0.00	31.25 1.11 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.00 1.68 0.00	57.89 2.17 0.00	52.89 1.69 0.00	46.82 1.63 0.00	41.02 1.54 0.00	37.93 1.39 0.00
NARROWS_GT1_1 24228	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT1_2 24229	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT1_3 24230	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT1_4 24231	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16

NARROWS_GT1_5 24232	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT1_6 24233	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT1_7 24234	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT1_8 24235	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT2_1 24236	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT2_2 24237	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT2_3 24238	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT2_4 24239	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT2_5 24240	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT2_6 24241	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT2_7 24242	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NARROWS_GT2_8 24243	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.78 1.31 0.00	36.55 1.24 0.00	35.41 1.20 0.00	35.34 1.19 0.00	35.47 1.33 0.00	39.67 1.56 0.00	53.14 2.21 1.60	62.96 2.46 2.60	55.73 2.06 2.07	45.53 1.35 0.89	38.67 0.94 0.00	35.54 0.87 0.00	32.69 0.73 0.00	31.27 0.73 0.00	30.28 0.77 0.00	30.95 0.81 0.00	33.07 0.93 0.00	39.31 1.14 0.00	51.30 1.97 0.00	58.50 2.79 0.00	53.30 2.10 0.00	47.09 1.90 0.00	41.14 1.66 0.00	38.14 1.61 0.00
NCHELSEA_115KV_TR2 355582	38.97 1.50 0.00	36.69 1.38 0.00	35.51 1.30 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.56 2.68 1.65	63.71 3.28 2.67	56.62 3.01 2.12	46.63 2.48 0.92	39.76 2.04 0.00	36.51 1.84 0.00	33.59 1.63 0.00	32.09 1.56 0.00	31.23 1.71 0.00	31.88 1.75 0.00	33.94 1.80 0.00	40.30 2.14 0.00	52.28 2.96 0.00	59.62 3.90 0.00	54.28 3.07 0.00	47.68 2.49 0.00	41.58 2.09 0.00	38.36 1.83 0.00
NEG CAPITAL___MECHNVIL 23645	38.86 1.39 0.00	36.58 1.27 0.00	35.44 1.23 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.70 1.60 0.00	53.23 2.31 1.60	63.40 2.90 2.60	56.39 2.73 2.07	46.25 2.07 0.89	39.38 1.66 0.00	36.10 1.42 0.00	33.17 1.21 0.00	31.70 1.16 0.00	30.67 1.15 0.00	31.31 1.17 0.00	33.52 1.38 0.00	39.84 1.68 0.00	51.60 2.27 0.00	58.67 2.95 0.00	53.51 2.31 0.00	47.45 2.26 0.00	41.50 2.01 0.00	38.40 1.86 0.00

NEG CENTRAL_HIGH_ACRES 23767	35.97 -1.50 0.00	33.97 -1.34 0.00	32.88 -1.33 0.00	32.95 -1.20 0.00	32.98 -1.16 0.00	37.11 -0.99 0.01	47.06 -1.21 4.26	54.60 -1.57 6.92	48.44 -1.79 5.50	41.03 -1.67 2.37	35.91 -1.81 0.00	32.94 -1.73 0.00	30.20 -1.76 0.00	28.70 -1.83 0.00	27.45 -2.07 0.00	28.05 -2.08 0.00	30.08 -2.06 0.00	36.14 -2.02 0.00	47.16 -2.17 0.00	53.60 -2.12 0.00	48.90 -2.30 0.00	42.94 -2.26 0.00	37.51 -1.97 0.00	34.75 -1.79 0.00
NEG CENTRAL___DRP 24199	37.21 -0.26 0.00	35.14 -0.18 0.00	34.01 -0.21 0.00	34.07 -0.07 0.00	34.10 -0.03 0.00	38.29 0.19 0.01	49.62 0.37 3.28	57.96 0.19 5.32	51.49 0.00 4.23	42.88 -0.36 1.83	37.19 -0.53 0.00	34.09 -0.59 0.00	31.28 -0.67 0.00	29.80 -0.73 0.00	28.57 -0.94 0.00	29.26 -0.87 0.00	31.30 -0.84 0.00	37.71 -0.46 0.00	49.23 -0.10 0.00	55.99 0.28 0.00	51.15 -0.05 0.00	44.83 -0.36 0.00	39.05 -0.43 0.00	36.14 -0.40 0.00
NEG CENTRAL___INDECK 23768	37.06 -0.41 0.00	34.96 -0.35 0.00	33.84 -0.38 0.00	34.01 -0.14 0.00	34.14 0.00 0.00	38.67 0.57 0.01	49.15 0.63 4.01	57.04 0.44 6.50	49.89 -0.67 5.17	41.67 -1.17 2.23	36.25 -1.47 0.00	33.22 -1.46 0.00	30.33 -1.63 0.00	28.83 -1.71 0.00	27.39 -2.13 0.00	28.17 -1.96 0.00	30.31 -1.83 0.00	36.83 -1.34 0.00	48.98 -0.34 0.00	56.22 0.50 0.00	51.20 0.00 0.00	44.70 -0.50 0.00	38.93 -0.55 0.00	35.99 -0.55 0.00
NEG CENTRAL___SENECA 23627	37.21 -0.26 0.00	35.14 -0.18 0.00	34.01 -0.21 0.00	34.07 -0.07 0.00	34.17 0.03 0.00	38.48 0.38 0.01	49.34 0.53 3.72	57.32 0.25 6.03	50.94 0.00 4.79	42.60 -0.41 2.07	37.12 -0.60 0.00	33.98 -0.69 0.00	31.09 -0.86 0.00	29.62 -0.92 0.00	28.31 -1.21 0.00	29.05 -1.08 0.00	31.11 -1.03 0.00	37.59 -0.57 0.00	49.28 -0.05 0.00	56.11 0.39 0.00	51.26 0.05 0.00	44.83 -0.36 0.00	39.01 -0.47 0.00	36.14 -0.40 0.00
NEG CENTRAL___STATE_STREET 24147	37.36 -0.11 0.00	35.24 -0.07 0.00	34.11 -0.10 0.00	34.14 0.00 0.00	34.14 0.00 0.00	38.22 0.11 0.01	49.95 0.37 2.95	58.76 0.44 4.78	52.21 0.28 3.80	43.34 -0.09 1.64	37.46 -0.26 0.00	34.37 -0.31 0.00	31.60 -0.35 0.00	30.14 -0.40 0.00	28.93 -0.59 0.00	29.62 -0.51 0.00	31.66 -0.48 0.00	38.05 -0.11 0.00	49.42 0.10 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.10 -0.09 0.00	39.25 -0.24 0.00	36.32 -0.22 0.00
NEG MILLWOOD___DRP 24198	39.08 1.61 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.61 1.47 0.00	35.67 1.54 0.00	39.93 1.83 0.00	53.83 2.94 1.64	64.09 3.66 2.67	57.01 3.40 2.12	46.95 2.79 0.92	40.02 2.30 0.00	36.79 2.12 0.00	33.84 1.89 0.00	32.31 1.77 0.00	31.49 1.98 0.00	32.09 1.96 0.00	34.20 2.06 0.00	40.65 2.48 0.00	52.68 3.35 0.00	60.01 4.29 0.00	54.58 3.38 0.00	48.00 2.80 0.00	41.85 2.37 0.00	38.55 2.01 0.00
NEG NORTH_FLCN_SEA 23793	36.61 -0.86 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	32.81 -1.33 0.00	32.40 -1.74 0.00	-6.24 -2.10 42.26	-6.01 -2.94 55.60	-5.81 -3.53 65.37	-5.95 -3.34 58.34	-6.20 -2.70 48.56	35.65 -2.07 0.00	32.67 -2.01 0.00	28.94 -1.92 1.10	-6.52 -1.77 35.28	-6.56 -1.68 34.40	-6.55 -1.78 34.91	-6.49 -1.99 36.64	35.84 -2.33 0.00	46.91 -2.42 0.00	53.10 -2.62 0.00	49.51 -1.69 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	35.92 -0.62 0.00
NEG NORTH_KES_CHATEGAY 23792	36.95 -0.52 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.32 -0.82 0.00	33.11 -1.02 0.00	-7.82 -1.30 44.63	-8.08 -1.89 58.72	-8.17 -2.21 69.06	-8.07 -2.17 61.62	-7.94 -1.71 51.29	36.44 -1.28 0.00	33.43 -1.25 0.00	29.61 -1.18 1.16	-7.86 -1.13 37.27	-7.91 -1.09 36.33	-7.94 -1.21 36.87	-7.88 -1.32 38.70	36.64 -1.53 0.00	47.70 -1.63 0.00	53.65 -2.06 0.00	50.03 -1.18 0.00	44.56 -0.63 0.00	38.89 -0.59 0.00	35.95 -0.58 0.00
NEG NORTH___ALICE_FALLS 23915	36.99 -0.49 0.00	34.82 -0.49 0.00	33.70 -0.51 0.00	33.15 -0.99 0.00	32.81 -1.33 0.00	-6.09 -1.56 42.63	-5.77 -2.21 56.10	-5.45 -2.59 65.96	-5.69 -2.56 58.86	-6.04 -2.12 49.00	36.10 -1.62 0.00	33.05 -1.63 0.00	29.31 -1.53 1.11	-6.47 -1.40 35.60	-6.52 -1.33 34.70	-6.53 -1.45 35.22	-6.40 -1.57 36.97	36.26 -1.91 0.00	47.45 -1.87 0.00	53.71 -2.01 0.00	50.03 -1.18 0.00	44.83 -0.36 0.00	39.09 -0.39 0.00	36.14 -0.40 0.00
NEG NORTH___LWR_SARANAC 23913	36.99 -0.49 0.00	34.82 -0.49 0.00	33.70 -0.51 0.00	33.15 -0.99 0.00	32.81 -1.33 0.00	-6.09 -1.56 42.63	-5.77 -2.21 56.10	-5.45 -2.59 65.96	-5.69 -2.56 58.86	-6.04 -2.12 49.00	36.10 -1.62 0.00	33.05 -1.63 0.00	29.31 -1.53 1.11	-6.47 -1.40 35.60	-6.52 -1.33 34.70	-6.53 -1.45 35.22	-6.40 -1.57 36.97	36.26 -1.91 0.00	47.45 -1.87 0.00	53.71 -2.01 0.00	50.03 -1.18 0.00	44.83 -0.36 0.00	39.09 -0.39 0.00	36.14 -0.40 0.00
NEG NORTH___PLATTSBURG 23628	36.98 -0.49 0.00	34.82 -0.49 0.00	33.70 -0.51 0.00	33.15 -0.99 0.00	32.81 -1.33 0.00	-6.09 -1.56 42.63	-5.77 -2.20 56.10	-5.45 -2.59 65.96	-5.69 -2.56 58.86	-6.04 -2.12 49.00	36.10 -1.62 0.00	33.05 -1.63 0.00	29.28 -1.57 1.11	-6.47 -1.40 35.60	-6.54 -1.36 34.70	-6.53 -1.45 35.22	-6.40 -1.57 36.97	36.26 -1.91 0.00	47.45 -1.87 0.00	53.71 -2.00 0.00	50.03 -1.18 0.00	44.83 -0.36 0.00	39.09 -0.39 0.00	36.10 -0.44 0.00
NEG WEST_LEA_LOCKPORT 23791	35.30 -2.17 0.00	33.30 -2.01 0.00	32.16 -2.05 0.00	32.43 -1.71 0.00	32.67 -1.47 0.00	37.03 -1.07 0.01	45.82 -2.42 4.29	52.48 -3.66 6.96	46.24 -3.96 5.53	39.35 -3.34 2.39	34.82 -2.90 0.00	32.04 -2.64 0.00	29.08 -2.88 0.00	27.70 -2.84 0.00	26.15 -3.36 0.00	26.91 -3.22 0.00	28.96 -3.18 0.00	34.73 -3.43 0.00	45.38 -3.95 0.00	51.65 -4.07 0.00	46.90 -4.30 0.00	40.77 -4.43 0.00	36.05 -3.44 0.00	33.69 -2.85 0.00
NEG WEST___LANCASTR 23811	36.35 -1.12 0.00	34.26 -1.06 0.00	33.12 -1.09 0.00	33.39 -0.75 0.00	33.59 -0.55 0.00	38.10 0.00 0.01	45.33 -3.10 4.10	52.03 -4.42 6.64	45.88 -4.57 5.28	38.87 -3.92 2.28	35.99 -1.74 0.00	33.12 -1.56 0.00	30.07 -1.89 0.00	28.61 -1.92 0.00	27.07 -2.45 0.00	27.81 -2.32 0.00	29.89 -2.25 0.00	35.95 -2.21 0.00	47.06 -2.27 0.00	53.60 -2.12 0.00	48.69 -2.51 0.00	42.26 -2.94 0.00	37.23 -2.25 0.00	34.82 -1.72 0.00
NEG_PENN_ALLEGHNY 23528	37.47 0.00 0.00	35.32 0.00 0.00	34.21 0.00 0.00	34.24 0.10 0.00	34.31 0.17 0.00	38.48 0.38 0.01	49.90 0.32 2.95	58.56 0.25 4.78	51.92 0.00 3.81	43.25 -0.18 1.64	37.57 -0.15 0.00	34.47 -0.21 0.00	31.64 -0.32 0.00	30.17 -0.37 0.00	28.99 -0.53 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.05 -0.11 0.00	49.47 0.15 0.00	56.39 0.67 0.00	51.41 0.21 0.00	45.10 -0.09 0.00	39.37 -0.12 0.00	36.50 -0.04 0.00
NEG___GEN_MONROE 24207	36.50 -0.97 0.00	34.50 -0.81 0.00	33.39 -0.82 0.00	33.49 -0.65 0.00	33.59 -0.55 0.00	37.95 -0.15 0.01	47.74 -0.32 4.47	55.08 -0.76 7.26	48.68 -1.28 5.77	41.27 -1.31 2.49	36.18 -1.55 0.00	33.15 -1.53 0.00	30.26 -1.69 0.00	28.76 -1.77 0.00	27.39 -2.13 0.00	28.02 -2.11 0.00	30.08 -2.06 0.00	36.10 -2.06 0.00	47.15 -2.17 0.00	53.65 -2.06 0.00	48.90 -2.30 0.00	42.75 -2.44 0.00	37.47 -2.01 0.00	34.78 -1.75 0.00

NEPA__ENERGY 23901	36.27 -1.20 0.00	34.22 -1.09 0.00	33.15 -1.06 0.00	33.42 -0.72 0.00	33.66 -0.48 0.00	38.17 0.08 0.01	47.20 -1.26 4.07	54.35 -2.15 6.59	47.87 -2.62 5.25	40.42 -2.39 2.26	36.25 -1.47 0.00	33.32 -1.35 0.00	30.29 -1.66 0.00	28.79 -1.74 0.00	27.24 -2.27 0.00	27.99 -2.14 0.00	30.08 -2.06 0.00	36.18 -1.98 0.00	47.40 -1.92 0.00	53.93 -1.78 0.00	48.85 -2.36 0.00	42.35 -2.85 0.00	37.27 -2.21 0.00	34.75 -1.79 0.00
NEVERSink__HYD 23608	38.97 1.50 0.00	36.76 1.45 0.00	35.58 1.37 0.00	35.54 1.40 0.00	35.61 1.47 0.00	39.86 1.75 0.00	53.65 2.78 1.66	63.62 3.22 2.69	56.49 2.90 2.14	46.36 2.21 0.92	39.42 1.70 0.00	36.13 1.46 0.00	33.14 1.18 0.00	31.63 1.10 0.00	30.73 1.21 0.00	31.37 1.24 0.00	33.46 1.32 0.00	39.77 1.60 0.00	51.74 2.42 0.00	59.11 3.40 0.00	53.76 2.56 0.00	47.18 1.99 0.00	41.14 1.66 0.00	38.04 1.50 0.00
NEWKRMKL_115KV_TB1 55635	38.03 0.56 0.00	35.81 0.49 0.00	34.73 0.51 0.00	34.65 0.51 0.00	34.79 0.65 0.00	38.79 0.69 0.00	51.83 0.89 1.60	61.58 1.07 2.59	54.84 1.17 2.06	45.17 0.99 0.89	38.55 0.83 0.00	35.54 0.87 0.00	32.75 0.80 0.00	31.36 0.82 0.00	30.37 0.86 0.00	31.01 0.87 0.00	33.04 0.90 0.00	39.01 0.84 0.00	50.46 1.13 0.00	57.28 1.56 0.00	52.28 1.08 0.00	46.19 0.99 0.00	40.39 0.91 0.00	37.38 0.84 0.00
NEWTON__FALLS_HYD 23847	36.91 -0.56 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.53 -0.61 0.00	33.49 -0.65 0.00	41.78 -0.76 -4.43	55.98 -1.00 -4.44	67.55 -1.39 -5.84	59.61 -1.56 -5.44	48.00 -1.40 -4.32	36.48 -1.24 0.00	33.29 -1.39 0.00	30.79 -1.28 -0.11	32.78 -1.25 -3.50	31.69 -1.24 -3.41	32.33 -1.27 -3.46	34.46 -1.32 -3.64	36.83 -1.34 0.00	48.04 -1.28 0.00	54.49 -1.23 0.00	50.33 -0.87 0.00	44.47 -0.72 0.00	38.69 -0.79 0.00	35.95 -0.58 0.00
NGRID_A1_DSASP 323792	35.00 -2.47 0.00	33.02 -2.29 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.71 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.69 2.39	34.48 -3.24 0.00	31.76 -2.91 0.00	28.95 -3.01 0.00	27.45 -3.08 0.00	25.97 -3.54 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.39 -3.78 0.00	44.74 -4.59 0.00	50.76 -4.96 0.00	46.19 -5.02 0.00	40.40 -4.79 0.00	35.69 -3.79 0.00	33.43 -3.11 0.00
NGRID_A2_DSASP 323793	35.00 -2.47 0.00	33.02 -2.29 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.71 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.69 2.39	34.48 -3.24 0.00	31.76 -2.91 0.00	28.95 -3.01 0.00	27.45 -3.08 0.00	25.97 -3.54 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.39 -3.78 0.00	44.74 -4.59 0.00	50.76 -4.96 0.00	46.19 -5.02 0.00	40.40 -4.79 0.00	35.69 -3.79 0.00	33.43 -3.11 0.00
NGRID_A4_DSASP 323807	35.00 -2.47 0.00	33.02 -2.29 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.71 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.69 2.39	34.48 -3.24 0.00	31.76 -2.91 0.00	28.95 -3.01 0.00	27.45 -3.08 0.00	25.97 -3.54 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.39 -3.78 0.00	44.74 -4.59 0.00	50.76 -4.96 0.00	46.19 -5.02 0.00	40.40 -4.79 0.00	35.69 -3.79 0.00	33.43 -3.11 0.00
NIAGARA_115E_LBMP 323715	34.85 -2.62 0.00	32.84 -2.47 0.00	31.75 -2.46 0.00	31.99 -2.15 0.00	32.23 -1.91 0.00	36.50 -1.60 0.01	44.99 -3.26 4.28	51.41 -4.73 6.95	45.36 -4.85 5.53	38.76 -3.92 2.39	34.33 -3.40 0.00	31.59 -3.09 0.00	28.83 -3.13 0.00	27.33 -3.21 0.00	25.86 -3.66 0.00	26.58 -3.56 0.00	28.57 -3.57 0.00	34.24 -3.93 0.00	44.59 -4.74 0.00	50.65 -5.07 0.00	46.03 -5.17 0.00	40.31 -4.88 0.00	35.57 -3.91 0.00	33.29 -3.25 0.00
NIAGARA_115W_LBMP 323714	34.89 -2.59 0.00	32.91 -2.40 0.00	31.79 -2.43 0.00	32.02 -2.12 0.00	32.26 -1.88 0.00	36.53 -1.56 0.01	45.24 -2.99 4.30	51.52 -4.60 6.97	45.51 -4.68 5.54	38.85 -3.83 2.39	34.37 -3.36 0.00	31.66 -3.02 0.00	28.86 -3.10 0.00	27.36 -3.18 0.00	25.91 -3.60 0.00	26.64 -3.49 0.00	28.64 -3.50 0.00	34.27 -3.89 0.00	44.59 -4.74 0.00	50.59 -5.12 0.00	46.03 -5.17 0.00	40.31 -4.88 0.00	35.57 -3.91 0.00	33.32 -3.22 0.00
NIAGARA_230_LBMP 323716	35.23 -2.25 0.00	33.23 -2.08 0.00	32.09 -2.12 0.00	32.33 -1.81 0.00	32.57 -1.57 0.00	36.88 -1.22 0.01	45.64 -2.57 4.31	52.13 -3.97 7.00	46.04 -4.12 5.56	39.24 -3.43 2.40	34.74 -2.98 0.00	31.97 -2.70 0.00	29.18 -2.78 0.00	27.66 -2.87 0.00	26.21 -3.31 0.00	26.94 -3.19 0.00	28.96 -3.18 0.00	34.65 -3.51 0.00	45.08 -4.24 0.00	51.20 -4.51 0.00	46.54 -4.66 0.00	40.77 -4.43 0.00	35.97 -3.51 0.00	33.65 -2.89 0.00
NIAGARA__115KV_198_GIBSON 55903	34.89 -2.59 0.00	32.91 -2.40 0.00	31.78 -2.43 0.00	32.02 -2.12 0.00	32.26 -1.88 0.00	36.54 -1.56 0.01	45.19 -3.05 4.30	51.52 -4.61 6.97	45.51 -4.68 5.54	38.85 -3.83 2.39	34.33 -3.40 0.00	31.63 -3.05 0.00	28.73 -3.23 0.00	27.36 -3.18 0.00	25.86 -3.66 0.00	26.61 -3.53 0.00	28.64 -3.50 0.00	34.23 -3.93 0.00	44.59 -4.74 0.00	50.65 -5.07 0.00	46.03 -5.17 0.00	40.04 -5.15 0.00	35.50 -3.99 0.00	33.21 -3.32 0.00
NIAGARA____ 23760	35.23 -2.25 0.00	33.23 -2.08 0.00	32.09 -2.12 0.00	32.33 -1.81 0.00	32.57 -1.57 0.00	36.88 -1.22 0.01	45.66 -2.57 4.30	52.15 -3.97 6.97	46.06 -4.12 5.55	39.25 -3.43 2.39	34.74 -2.98 0.00	31.97 -2.70 0.00	29.18 -2.78 0.00	27.66 -2.87 0.00	26.21 -3.31 0.00	26.94 -3.19 0.00	28.96 -3.18 0.00	34.65 -3.51 0.00	45.08 -4.24 0.00	51.20 -4.51 0.00	46.54 -4.66 0.00	40.77 -4.43 0.00	35.97 -3.51 0.00	33.65 -2.89 0.00
NINE_MILE_1 23575	36.35 -1.12 0.00	34.29 -1.03 0.00	33.22 -0.99 0.00	33.19 -0.96 0.00	33.08 -1.06 0.00	36.90 -1.18 0.03	37.17 -1.57 13.79	38.85 -1.89 22.35	36.22 -1.73 17.78	35.91 -1.49 7.68	36.40 -1.32 0.00	33.50 -1.18 0.00	30.93 -1.02 0.00	29.53 -1.01 0.00	28.46 -1.06 0.00	29.08 -1.06 0.00	31.05 -1.09 0.00	37.06 -1.11 0.00	47.80 -1.53 0.00	54.27 -1.45 0.00	49.62 -1.59 0.00	43.75 -1.45 0.00	38.18 -1.30 0.00	35.37 -1.17 0.00
NINE_MILE_2 23744	36.35 -1.12 0.00	34.29 -1.03 0.00	33.22 -0.99 0.00	33.19 -0.96 0.00	33.08 -1.06 0.00	36.86 -1.22 0.03	37.03 -1.57 13.93	38.56 -1.96 22.58	35.99 -1.79 17.96	35.83 -1.49 7.75	36.40 -1.32 0.00	33.50 -1.18 0.00	30.93 -1.02 0.00	29.53 -1.01 0.00	28.46 -1.06 0.00	29.08 -1.06 0.00	31.05 -1.09 0.00	37.06 -1.11 0.00	47.74 -1.58 0.00	54.21 -1.50 0.00	49.62 -1.59 0.00	43.75 -1.45 0.00	38.18 -1.30 0.00	35.37 -1.17 0.00
NM_CAPITAL__DRP 24208	38.11 0.64 0.00	35.88 0.57 0.00	34.80 0.58 0.00	34.72 0.58 0.00	34.86 0.72 0.00	38.87 0.76 0.00	51.88 0.95 1.60	61.64 1.14 2.59	54.84 1.17 2.06	45.27 1.08 0.89	38.63 0.91 0.00	35.61 0.94 0.00	32.82 0.86 0.00	31.42 0.89 0.00	30.43 0.92 0.00	31.07 0.93 0.00	33.10 0.96 0.00	39.08 0.92 0.00	50.51 1.18 0.00	57.33 1.62 0.00	52.33 1.13 0.00	46.23 1.04 0.00	40.47 0.99 0.00	37.45 0.91 0.00

NM_CENTRAL___DRP 24181	37.02 -0.45 0.00	34.93 -0.39 0.00	33.84 -0.38 0.00	33.83 -0.31 0.00	33.80 -0.34 0.00	37.76 -0.34 0.01	48.79 -0.37 3.38	57.18 -0.44 5.48	50.93 -0.45 4.35	42.70 -0.50 1.88	37.16 -0.57 0.00	34.12 -0.55 0.00	31.44 -0.51 0.00	30.02 -0.52 0.00	28.87 -0.65 0.00	29.53 -0.60 0.00	31.53 -0.61 0.00	37.82 -0.34 0.00	48.93 -0.39 0.00	55.60 -0.11 0.00	50.74 -0.46 0.00	44.65 -0.54 0.00	38.93 -0.55 0.00	36.06 -0.47 0.00
NM_FRONTIER___DRP 24179	34.89 -2.59 0.00	32.91 -2.40 0.00	31.78 -2.43 0.00	32.02 -2.12 0.00	32.26 -1.88 0.00	36.54 -1.56 0.01	45.19 -3.05 4.30	51.52 -4.61 6.97	45.51 -4.68 5.54	38.85 -3.83 2.39	34.33 -3.40 0.00	31.63 -3.05 0.00	28.73 -3.23 0.00	27.36 -3.18 0.00	25.86 -3.66 0.00	26.61 -3.53 0.00	28.64 -3.50 0.00	34.23 -3.93 0.00	44.59 -4.74 0.00	50.65 -5.07 0.00	46.03 -5.17 0.00	40.04 -5.15 0.00	35.50 -3.99 0.00	33.21 -3.32 0.00
NM_ST_REGIS___HYD 24053	36.99 -0.49 0.00	34.82 -0.49 0.00	33.77 -0.44 0.00	33.46 -0.68 0.00	33.39 -0.75 0.00	48.02 -0.95 -10.86	64.42 -1.47 -13.36	78.20 -2.02 -17.12	69.05 -2.12 -15.44	55.46 -1.58 -11.97	36.55 -1.17 0.00	33.43 -1.25 0.00	31.08 -1.15 -0.27	38.21 -1.10 -8.77	36.98 -1.09 -8.55	37.64 -1.18 -8.68	39.96 -1.29 -9.11	36.64 -1.53 0.00	47.70 -1.63 0.00	53.65 -2.06 0.00	49.98 -1.23 0.00	44.34 -0.86 0.00	38.66 -0.83 0.00	35.81 -0.73 0.00
NORTHPORT___1 23551	39.05 1.57 0.00	36.58 1.27 0.00	35.48 1.27 0.00	35.37 1.23 0.00	35.54 1.40 0.00	39.89 1.79 0.00	53.14 2.26 1.64	63.46 3.03 2.67	56.34 2.73 2.12	46.95 2.80 0.92	40.10 2.38 0.00	36.97 2.29 0.00	33.94 1.98 0.00	32.67 2.14 0.00	31.94 2.42 0.00	32.45 2.32 0.00	34.52 2.38 0.00	41.04 2.86 -0.01	52.43 3.11 0.00	59.84 4.12 0.00	54.22 3.02 0.00	48.18 2.98 0.00	42.09 2.61 0.00	38.73 2.19 0.00
NORTHPORT___2 23552	39.05 1.57 0.00	36.58 1.27 0.00	35.48 1.27 0.00	35.37 1.23 0.00	35.54 1.40 0.00	39.89 1.79 0.00	53.14 2.26 1.64	63.46 3.03 2.67	56.34 2.73 2.12	46.95 2.80 0.92	40.10 2.38 0.00	36.97 2.29 0.00	33.94 1.98 0.00	32.67 2.14 0.00	31.94 2.42 0.00	32.45 2.32 0.00	34.52 2.38 0.00	41.04 2.86 -0.01	52.43 3.11 0.00	59.84 4.12 0.00	54.22 3.02 0.00	48.18 2.98 0.00	42.09 2.61 0.00	38.73 2.19 0.00
NORTHPORT___3 23553	38.82 1.35 0.00	36.45 1.13 0.00	35.31 1.09 0.00	35.20 1.06 0.00	35.33 1.19 0.00	39.63 1.53 0.00	52.67 1.79 1.64	62.51 2.08 2.67	55.56 1.95 2.12	46.63 2.48 0.92	39.87 2.15 0.00	36.76 2.08 0.00	33.78 1.82 0.00	32.43 1.89 0.00	31.70 2.18 0.00	32.27 2.14 0.00	34.36 2.22 0.00	40.84 2.67 -0.01	51.79 2.47 0.00	59.00 3.29 0.00	53.51 2.31 0.00	47.86 2.67 0.00	41.81 2.33 0.00	38.51 1.97 0.00
NORTHPORT___4 23650	38.82 1.35 0.00	36.45 1.13 0.00	35.31 1.09 0.00	35.20 1.06 0.00	35.33 1.19 0.00	39.63 1.53 0.00	52.67 1.79 1.64	62.51 2.08 2.67	55.56 1.95 2.12	46.63 2.48 0.92	39.87 2.15 0.00	36.76 2.08 0.00	33.78 1.82 0.00	32.43 1.89 0.00	31.70 2.18 0.00	32.27 2.14 0.00	34.36 2.22 0.00	40.84 2.67 -0.01	51.79 2.47 0.00	59.00 3.29 0.00	53.51 2.31 0.00	47.86 2.67 0.00	41.81 2.33 0.00	38.51 1.97 0.00
NORTHPORT___IC 23718	39.05 1.57 0.00	36.59 1.27 0.00	35.48 1.27 0.00	35.37 1.23 0.00	35.54 1.40 0.00	39.89 1.79 0.00	53.25 2.36 1.64	63.71 3.28 2.67	56.56 2.95 2.12	46.95 2.79 0.92	40.25 2.53 0.00	36.97 2.29 0.00	33.97 2.01 0.00	32.67 2.14 0.00	31.94 2.42 0.00	32.45 2.32 0.00	34.58 2.44 0.00	41.18 3.02 0.00	52.43 3.11 0.00	59.78 4.07 0.00	54.23 3.02 0.00	48.36 3.16 0.00	42.13 2.65 0.00	38.88 2.34 0.00
NORTH___COUNTRY_ESR 323785	36.84 -0.64 0.00	34.71 -0.60 0.00	33.60 -0.61 0.00	33.22 -0.92 0.00	33.01 -1.13 0.00	-7.99 -1.41 44.69	-8.26 -2.00 58.79	-8.44 -2.40 69.14	-8.25 -2.29 61.70	-8.09 -1.80 51.36	36.40 -1.32 0.00	33.39 -1.28 0.00	29.58 -1.21 1.16	-7.94 -1.16 37.31	-7.98 -1.12 36.37	-8.02 -1.24 36.92	-7.95 -1.35 38.75	36.56 -1.60 0.00	47.60 -1.73 0.00	53.49 -2.23 0.00	49.87 -1.33 0.00	44.43 -0.77 0.00	38.77 -0.71 0.00	35.88 -0.66 0.00
NPX_GEN_1385_PROXY 323591	38.67 1.20 0.00	36.27 0.95 0.00	35.17 0.96 0.00	35.03 0.89 0.00	35.40 1.26 0.00	39.82 1.72 0.00	51.94 1.05 1.64	62.01 1.58 2.67	55.78 2.17 2.12	46.81 2.66 0.92	39.87 2.15 0.00	36.83 2.15 0.00	33.91 1.95 0.00	32.58 2.05 0.00	31.85 2.33 0.00	32.36 2.23 0.00	34.20 2.06 0.00	42.21 2.44 -1.60	48.55 1.98 2.75	53.80 2.84 4.76	53.60 1.84 -0.56	47.63 2.44 0.00	41.97 2.49 0.00	38.62 2.08 0.00
NPX_GEN_CSC 323557	38.48 1.01 0.00	36.02 0.71 0.00	34.97 0.75 0.00	34.79 0.65 0.00	34.92 0.79 0.00	39.21 1.11 0.00	52.35 1.47 1.64	62.76 2.34 2.67	55.50 1.90 2.12	46.36 2.21 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.39 1.44 0.00	32.55 2.01 0.00	31.85 2.33 0.00	32.18 2.05 0.00	34.10 1.96 0.00	42.25 2.48 -1.60	50.20 2.47 1.59	58.61 3.46 0.56	54.07 2.31 -0.56	47.54 2.35 0.00	41.69 2.21 0.00	38.14 1.61 0.00
NSINS_S___GLNS_FALLS 23858	38.48 1.01 0.00	36.20 0.88 0.00	35.07 0.86 0.00	34.99 0.85 0.00	35.09 0.96 0.00	39.28 1.18 0.00	52.87 1.94 1.61	63.01 2.52 2.61	56.05 2.40 2.07	45.84 1.67 0.90	38.97 1.24 0.00	35.61 0.94 0.00	32.72 0.77 0.00	31.21 0.67 0.00	30.20 0.68 0.00	30.83 0.69 0.00	33.04 0.90 0.00	39.39 1.22 0.00	51.30 1.97 0.00	58.33 2.62 0.00	53.20 2.00 0.00	47.91 2.71 0.00	41.81 2.33 0.00	38.69 2.16 0.00
NUCOR_STEEL___DRP 24197	37.51 0.04 0.00	35.39 0.07 0.00	34.28 0.07 0.00	34.31 0.17 0.00	34.28 0.14 0.00	38.37 0.27 0.01	50.13 0.47 2.87	59.00 0.57 4.66	52.42 0.39 3.70	43.52 0.05 1.60	37.53 -0.19 0.00	34.43 -0.24 0.00	31.67 -0.29 0.00	30.20 -0.34 0.00	29.01 -0.50 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.13 -0.04 0.00	49.47 0.15 0.00	56.33 0.61 0.00	51.41 0.20 0.00	45.15 -0.05 0.00	39.33 -0.16 0.00	36.43 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	37.55 0.08 0.00	35.39 0.07 0.00	34.28 0.07 0.00	34.18 0.03 0.00	34.17 0.03 0.00	40.12 0.04 -1.98	53.48 0.26 -0.68	63.91 0.32 -0.50	56.43 -0.06 -0.75	45.87 -0.41 -1.21	37.16 -0.56 0.00	33.88 -0.80 0.00	31.27 -0.73 -0.05	31.30 -0.79 -1.56	30.27 -0.77 -1.52	30.96 -0.72 -1.55	33.05 -0.71 -1.62	37.71 -0.46 0.00	49.23 -0.10 0.00	56.22 0.50 0.00	51.61 0.41 0.00	45.47 0.27 0.00	39.52 0.04 0.00	36.94 0.40 0.00
NYISO_LBMP_REFERENCE 24008	37.47 0.00 0.00	35.32 0.00 0.00	34.21 0.00 0.00	34.14 0.00 0.00	34.14 0.00 0.00	38.11 0.00 0.00	52.53 0.00 0.00	63.09 0.00 0.00	55.73 0.00 0.00	45.07 0.00 0.00	37.72 0.00 0.00	34.68 0.00 0.00	31.96 0.00 0.00	30.54 0.00 0.00	29.52 0.00 0.00	30.13 0.00 0.00	32.14 0.00 0.00	38.17 0.00 0.00	49.33 0.00 0.00	55.72 0.00 0.00	51.20 0.00 0.00	45.19 0.00 0.00	39.48 0.00 0.00	36.54 0.00 0.00

NYPA_BRENTWD____GT 24164	39.31 1.84 0.00	36.83 1.52 0.00	35.75 1.54 0.00	35.61 1.47 0.00	35.78 1.64 0.00	40.16 2.06 0.00	53.67 2.78 1.64	64.15 3.72 2.67	56.84 3.23 2.12	47.22 3.07 0.92	40.32 2.60 0.00	37.18 2.50 0.00	34.10 2.14 0.00	32.83 2.29 0.00	32.11 2.60 0.00	32.63 2.50 0.00	34.74 2.60 0.00	41.38 3.21 -0.01	52.98 3.65 0.00	60.45 4.73 0.00	54.79 3.58 0.00	48.59 3.39 0.00	42.45 2.96 0.00	39.02 2.49 0.00
NYPA_GOWANUS____GT5 24156	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NYPA_GOWANUS____GT6 24157	53.31 1.98 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.77 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.98 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.58 2.79 -29.06	71.64 2.67 -34.30	74.46 2.43 -40.08	78.18 2.35 -45.29	70.76 2.51 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.41 4.90 -35.79	96.41 3.94 -41.26	59.51 3.16 -11.16	56.84 2.72 -14.64	54.11 2.41 -15.16
NYPA_HARLEM__RVR__GT1 24160	38.90 1.42 -0.01	36.66 1.34 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.58 1.43 -0.01	39.79 1.67 0.00	53.40 2.52 1.65	63.64 3.22 2.67	56.66 3.06 2.13	46.94 2.80 0.92	40.17 2.45 0.01	37.06 2.39 0.01	34.15 2.20 0.01	32.66 2.14 0.01	31.84 2.33 0.01	32.45 2.32 0.01	34.51 2.38 0.01	40.79 2.63 0.01	52.62 3.31 0.01	59.94 4.23 0.01	54.57 3.38 0.01	47.85 2.67 0.01	41.70 2.21 -0.01	38.44 1.90 -0.01
NYPA_HARLEM__RVR__GT2 24161	38.90 1.42 -0.01	36.66 1.34 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.58 1.43 -0.01	39.79 1.67 0.00	53.40 2.52 1.65	63.64 3.22 2.67	56.66 3.06 2.13	46.94 2.80 0.92	40.17 2.45 0.01	37.06 2.39 0.01	34.15 2.20 0.01	32.66 2.14 0.01	31.84 2.33 0.01	32.45 2.32 0.01	34.51 2.38 0.01	40.79 2.63 0.01	52.62 3.31 0.01	59.94 4.23 0.01	54.57 3.38 0.01	47.85 2.67 0.01	41.70 2.21 -0.01	38.44 1.90 -0.01
NYPA_KENT____GT 24152	47.25 1.84 -7.94	45.87 1.70 -8.86	45.38 1.64 -9.52	45.35 1.64 -9.57	38.19 1.77 -2.27	47.91 2.09 -7.71	54.17 3.05 1.41	64.21 3.79 2.67	57.87 3.57 1.43	62.07 3.15 -13.85	64.36 2.72 -23.91	65.29 2.60 -28.01	67.12 2.36 -32.80	69.82 2.29 -36.99	61.57 2.48 -29.57	54.37 2.44 -21.80	63.34 2.54 -28.66	80.45 2.90 -39.39	80.95 3.75 -27.88	83.33 4.73 -22.88	79.86 3.79 -24.87	55.42 3.03 -7.20	50.75 2.61 -8.66	47.81 2.30 -8.97
NYPA_POUCH1____GT 24155	53.23 1.91 -13.85	52.57 1.80 -15.45	52.53 1.71 -16.60	52.56 1.74 -16.68	39.94 1.84 -3.96	53.27 2.13 -13.03	54.16 2.89 1.25	64.09 3.66 2.67	58.08 3.40 1.05	65.52 3.02 -17.43	69.39 2.60 -29.06	71.44 2.46 -34.30	74.31 2.27 -40.08	78.03 2.20 -45.29	70.62 2.36 -38.74	63.68 2.35 -31.19	71.62 2.44 -37.04	96.21 2.78 -55.26	96.21 3.65 -43.23	96.13 4.62 -35.79	96.16 3.69 -41.26	59.33 2.98 -11.16	56.73 2.61 -14.64	54.00 2.30 -15.16
NYPA_VERNON____GT2 24162	41.20 1.69 -2.04	39.18 1.59 -2.27	38.16 1.50 -2.44	38.13 1.54 -2.45	36.37 1.64 -0.59	42.44 1.94 -2.39	53.85 2.89 1.57	64.09 3.66 2.67	57.33 3.40 1.80	58.41 3.07 -10.27	59.13 2.64 -18.77	58.94 2.53 -21.73	59.78 2.30 -25.52	61.49 2.26 -28.69	52.35 2.42 -20.41	44.94 2.41 -12.40	54.90 2.47 -20.28	64.47 2.78 -23.52	65.44 3.60 -12.52	70.26 4.57 -9.98	63.32 3.64 -8.48	51.37 2.94 -3.24	44.66 2.49 -2.69	41.51 2.19 -2.78
NYPA_VERNON____GT3 24163	41.20 1.69 -2.04	39.18 1.59 -2.27	38.16 1.50 -2.44	38.13 1.54 -2.45	36.37 1.64 -0.59	42.44 1.94 -2.39	53.85 2.89 1.57	64.09 3.66 2.67	57.33 3.40 1.80	58.41 3.07 -10.27	59.13 2.64 -18.77	58.94 2.53 -21.73	59.78 2.30 -25.52	61.49 2.26 -28.69	52.35 2.42 -20.41	44.94 2.41 -12.40	54.90 2.47 -20.28	64.47 2.78 -23.52	65.44 3.60 -12.52	70.26 4.57 -9.98	63.32 3.64 -8.48	51.37 2.94 -3.24	44.66 2.49 -2.69	41.51 2.19 -2.78
NYPA__ASTORIA_CC1 323568	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.50 -0.01	35.65 1.50 -0.01	35.79 1.64 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.59 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	54.97 2.64 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.74 2.39 -14.84	40.39 2.38 -7.88	49.54 2.44 -14.96	56.48 2.78 -15.53	59.10 3.55 -6.22	64.99 4.51 -4.76	57.23 3.58 -2.44	49.70 2.89 -1.61	42.48 2.45 -0.54	39.25 2.16 -0.56
NYPA__ASTORIA_CC2 323569	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.50 -0.01	35.65 1.50 -0.01	35.79 1.64 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.59 2.67	57.17 3.40 1.96	55.73 3.02 -7.64	54.97 2.64 -14.61	54.03 2.53 -16.82	54.04 2.30 -19.79	54.97 2.23 -22.21	46.74 2.39 -14.84	40.39 2.38 -7.88	49.54 2.44 -14.96	56.48 2.78 -15.53	59.10 3.55 -6.22	64.99 4.51 -4.76	57.23 3.58 -2.44	49.70 2.89 -1.61	42.48 2.45 -0.54	39.25 2.16 -0.56
NYPA__HOLTSVILL 23794	38.93 1.46 0.00	36.48 1.16 0.00	35.41 1.20 0.00	35.27 1.12 0.00	35.40 1.26 0.00	39.74 1.64 0.00	53.09 2.21 1.64	63.52 3.09 2.67	56.23 2.62 2.12	46.81 2.66 0.92	39.95 2.23 0.00	36.83 2.15 0.00	33.81 1.85 0.00	32.64 2.11 0.00	31.94 2.42 0.00	32.39 2.26 0.00	34.45 2.32 0.00	41.04 2.86 -0.01	52.43 3.11 0.00	59.84 4.12 0.00	54.17 2.97 0.00	48.13 2.94 0.00	42.05 2.57 0.00	38.62 2.08 0.00
NYPA__HELLGATE_GT1 24158	38.90 1.42 -0.01	36.66 1.34 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.58 1.43 -0.01	39.79 1.67 0.00	53.40 2.52 1.65	63.64 3.22 2.67	56.66 3.06 2.13	46.94 2.80 0.92	40.17 2.45 0.01	37.06 2.39 0.01	34.15 2.20 0.01	32.66 2.14 0.01	31.84 2.33 0.01	32.45 2.32 0.01	34.51 2.38 0.01	40.79 2.63 0.01	52.62 3.31 0.01	59.94 4.23 0.01	54.57 3.38 0.01	47.85 2.67 0.01	41.70 2.21 -0.01	38.44 1.90 -0.01
NYPA__HELLGATE_GT2 24159	38.90 1.42 -0.01	36.66 1.34 -0.01	35.52 1.30 -0.01	35.45 1.30 -0.01	35.58 1.43 -0.01	39.79 1.67 0.00	53.40 2.52 1.65	63.64 3.22 2.67	56.66 3.06 2.13	46.94 2.80 0.92	40.17 2.45 0.01	37.06 2.39 0.01	34.15 2.20 0.01	32.66 2.14 0.01	31.84 2.33 0.01	32.45 2.32 0.01	34.51 2.38 0.01	40.79 2.63 0.01	52.62 3.31 0.01	59.94 4.23 0.01	54.57 3.38 0.01	47.85 2.67 0.01	41.70 2.21 -0.01	38.44 1.90 -0.01
NYS_BARGE__HYD 23848	35.34 -2.13 0.00	33.34 -1.98 0.00	32.19 -2.02 0.00	32.44 -1.71 0.00	32.67 -1.47 0.00	37.07 -1.03 0.01	45.81 -2.42 4.30	52.46 -3.66 6.98	46.23 -3.96 5.55	39.39 -3.29 2.40	34.85 -2.87 0.00	32.08 -2.60 0.00	29.24 -2.72 0.00	27.73 -2.81 0.00	26.21 -3.31 0.00	26.94 -3.19 0.00	28.96 -3.18 0.00	34.77 -3.40 0.00	45.38 -3.95 0.00	51.59 -4.12 0.00	46.90 -4.30 0.00	41.04 -4.16 0.00	36.21 -3.28 0.00	33.80 -2.74 0.00

OAK ORCHARD___HYD 24046	36.35 -1.12 0.00	34.33 -0.99 0.00	33.15 -1.06 0.00	33.29 -0.85 0.00	33.35 -0.78 0.00	37.60 -0.50 0.01	47.36 -0.68 4.48	54.75 -1.07 7.27	48.50 -1.45 5.78	41.23 -1.35 2.50	36.17 -1.55 0.00	33.19 -1.49 0.00	30.42 -1.53 0.00	28.89 -1.65 0.00	27.60 -1.92 0.00	28.24 -1.90 0.00	30.27 -1.86 0.00	36.33 -1.83 0.00	47.40 -1.92 0.00	53.88 -1.84 0.00	49.10 -2.10 0.00	43.07 -2.12 0.00	37.75 -1.74 0.00	35.00 -1.53 0.00
OAKDALE___35_KV_LOAD 356122	37.36 -0.11 0.00	35.24 -0.07 0.00	34.11 -0.10 0.00	34.14 0.00 0.00	34.21 0.07 0.00	38.37 0.27 0.01	49.72 0.16 2.97	58.28 0.00 4.81	51.68 -0.22 3.83	43.10 -0.32 1.65	37.46 -0.26 0.00	34.40 -0.28 0.00	31.57 -0.38 0.00	30.14 -0.40 0.00	28.96 -0.56 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	37.94 -0.23 0.00	49.33 0.00 0.00	56.16 0.45 0.00	51.20 0.00 0.00	44.97 -0.23 0.00	39.25 -0.24 0.00	36.39 -0.15 0.00
OCC_CHEM___DRP 24175	35.00 -2.47 0.00	33.02 -2.30 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.72 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.70 2.39	34.44 -3.28 0.00	31.73 -2.95 0.00	28.79 -3.16 0.00	27.45 -3.08 0.00	25.95 -3.57 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.35 -3.82 0.00	44.74 -4.59 0.00	50.81 -4.90 0.00	46.13 -5.07 0.00	40.18 -5.02 0.00	35.62 -3.87 0.00	33.32 -3.22 0.00
OH_GEN_PROXY 24063	35.30 -2.17 0.00	33.30 -2.01 0.00	32.16 -2.05 0.00	32.36 -1.78 0.00	32.60 -1.54 0.00	36.92 -1.18 0.01	45.75 -2.47 4.31	52.32 -3.78 6.99	46.21 -3.96 5.56	39.34 -3.33 2.40	34.85 -2.87 0.00	32.08 -2.60 0.00	29.24 -2.72 0.00	27.76 -2.78 0.00	26.30 -3.22 0.00	27.03 -3.10 0.00	29.05 -3.09 0.00	36.36 -3.40 -1.59	43.69 -4.04 1.59	50.81 -4.35 0.56	47.25 -4.51 -0.56	40.90 -4.29 0.00	36.09 -3.40 0.00	33.72 -2.81 0.00
OLIN_CORP_DRP 24177	34.92 -2.55 0.00	32.95 -2.37 0.00	31.82 -2.39 0.00	32.06 -2.08 0.00	32.30 -1.84 0.00	36.61 -1.49 0.01	45.15 -3.10 4.28	51.62 -4.54 6.94	45.53 -4.68 5.52	38.86 -3.83 2.38	34.40 -3.32 0.00	31.66 -3.02 0.00	28.76 -3.20 0.00	27.39 -3.15 0.00	25.89 -3.63 0.00	26.61 -3.53 0.00	28.67 -3.47 0.00	34.31 -3.85 0.00	44.74 -4.59 0.00	50.81 -4.90 0.00	46.19 -5.02 0.00	40.18 -5.02 0.00	35.58 -3.91 0.00	33.29 -3.25 0.00
OLIN_CORP_DSASP 323712	35.00 -2.47 0.00	33.02 -2.29 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.71 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.69 2.39	34.48 -3.24 0.00	31.76 -2.91 0.00	28.95 -3.01 0.00	27.45 -3.08 0.00	25.97 -3.54 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.39 -3.78 0.00	44.74 -4.59 0.00	50.76 -4.96 0.00	46.19 -5.02 0.00	40.40 -4.79 0.00	35.69 -3.79 0.00	33.43 -3.11 0.00
ONEIDA_HERK_LFGE 323681	38.04 0.56 0.00	35.81 0.49 0.00	34.69 0.48 0.00	34.62 0.48 0.00	34.65 0.51 0.00	39.62 0.57 -0.94	52.68 1.00 0.85	62.63 1.20 1.66	55.46 0.89 1.15	45.49 0.50 0.08	37.95 0.23 0.00	34.68 0.00 0.00	31.95 -0.03 -0.02	31.19 -0.09 -0.74	30.15 -0.09 -0.73	30.84 -0.03 -0.74	32.91 0.00 -0.77	38.40 0.23 0.00	49.96 0.64 0.00	56.94 1.22 0.00	52.17 0.97 0.00	45.96 0.77 0.00	40.04 0.55 0.00	37.16 0.62 0.00
ONEIDA___115KV_TB4 55905	38.33 0.86 0.00	36.13 0.81 0.00	35.00 0.79 0.00	34.93 0.79 0.00	34.96 0.82 0.00	39.09 0.99 0.01	51.47 1.52 2.58	60.73 1.83 4.19	53.85 1.45 3.33	44.54 0.90 1.44	38.29 0.57 0.00	34.99 0.31 0.00	32.24 0.29 0.00	30.75 0.21 0.00	29.66 0.15 0.00	30.37 0.24 0.00	32.43 0.29 0.00	38.81 0.65 0.00	50.51 1.18 0.00	57.61 1.89 0.00	52.64 1.43 0.00	46.32 1.13 0.00	40.35 0.87 0.00	37.34 0.80 0.00
ONONDAGA_REF_OCCRA 23987	37.17 -0.30 0.00	35.07 -0.25 0.00	33.97 -0.24 0.00	33.97 -0.17 0.00	33.93 -0.20 0.00	37.91 -0.19 0.01	49.23 -0.11 3.20	57.72 -0.19 5.19	51.38 -0.22 4.13	42.98 -0.32 1.78	37.27 -0.45 0.00	34.23 -0.45 0.00	31.54 -0.42 0.00	30.11 -0.43 0.00	28.96 -0.56 0.00	29.62 -0.51 0.00	31.66 -0.48 0.00	37.97 -0.19 0.00	49.13 -0.20 0.00	55.88 0.17 0.00	51.00 -0.20 0.00	44.83 -0.36 0.00	39.09 -0.39 0.00	36.21 -0.33 0.00
ONONDAGA___COGEN 23986	37.29 -0.19 0.00	35.17 -0.14 0.00	34.08 -0.14 0.00	34.07 -0.07 0.00	34.04 -0.10 0.00	38.02 -0.08 0.01	49.83 0.05 2.75	58.70 0.06 4.46	52.13 -0.06 3.55	43.36 -0.18 1.53	37.38 -0.34 0.00	34.33 -0.35 0.00	31.64 -0.32 0.00	30.17 -0.37 0.00	29.01 -0.50 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.05 -0.11 0.00	49.23 -0.10 0.00	55.94 0.22 0.00	51.05 -0.15 0.00	44.92 -0.27 0.00	39.13 -0.36 0.00	36.28 -0.26 0.00
ONTARIO___LFGE 23819	37.21 -0.26 0.00	35.14 -0.18 0.00	34.01 -0.20 0.00	34.07 -0.07 0.00	34.17 0.03 0.00	38.48 0.38 0.01	49.34 0.53 3.72	57.32 0.25 6.03	50.94 0.00 4.79	42.60 -0.41 2.07	37.12 -0.61 0.00	33.98 -0.69 0.00	31.12 -0.83 0.00	29.62 -0.92 0.00	28.33 -1.18 0.00	29.05 -1.08 0.00	31.11 -1.03 0.00	37.59 -0.57 0.00	49.28 -0.05 0.00	56.05 0.34 0.00	51.26 0.05 0.00	44.92 -0.27 0.00	39.09 -0.39 0.00	36.17 -0.37 0.00
ORANGEVILLE_WT_PWR 323706	34.92 -2.55 0.00	32.91 -2.40 0.00	31.85 -2.36 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.80 -1.30 0.01	46.10 -2.52 3.91	53.15 -3.59 6.35	46.78 -3.90 5.05	39.38 -3.52 2.18	34.74 -2.98 0.00	31.97 -2.70 0.00	29.18 -2.78 0.00	27.73 -2.81 0.00	26.21 -3.31 0.00	26.91 -3.22 0.00	28.89 -3.24 0.00	35.04 -3.13 0.00	46.31 -3.01 0.00	52.99 -2.73 0.00	47.93 -3.28 0.00	41.80 -3.39 0.00	36.60 -2.88 0.00	34.02 -2.52 0.00
ORANGEVILLE___ESR 323794	34.92 -2.55 0.00	32.91 -2.40 0.00	31.85 -2.36 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.80 -1.30 0.01	46.10 -2.52 3.91	53.15 -3.59 6.35	46.78 -3.90 5.05	39.38 -3.52 2.18	34.74 -2.98 0.00	31.97 -2.70 0.00	29.18 -2.78 0.00	27.73 -2.81 0.00	26.21 -3.31 0.00	26.91 -3.22 0.00	28.89 -3.24 0.00	35.04 -3.13 0.00	46.31 -3.01 0.00	52.99 -2.73 0.00	47.93 -3.28 0.00	41.80 -3.39 0.00	36.60 -2.88 0.00	34.02 -2.52 0.00
OSWEGATCHIE___HYD 24044	36.91 -0.56 0.00	34.79 -0.53 0.00	33.70 -0.51 0.00	33.53 -0.61 0.00	33.49 -0.65 0.00	41.78 -0.76 -4.43	55.97 -1.00 -4.44	67.55 -1.39 -5.84	59.61 -1.56 -5.44	48.00 -1.40 -4.32	36.48 -1.24 0.00	33.32 -1.35 0.00	30.79 -1.28 -0.11	32.78 -1.25 -3.50	31.69 -1.24 -3.41	32.33 -1.26 -3.46	34.46 -1.32 -3.64	36.83 -1.34 0.00	48.04 -1.28 0.00	54.49 -1.23 0.00	50.33 -0.87 0.00	44.47 -0.72 0.00	38.70 -0.79 0.00	35.95 -0.59 0.00
OSWEGO___5 23606	36.68 -0.79 0.00	34.61 -0.71 0.00	33.49 -0.72 0.00	33.49 -0.65 0.00	33.42 -0.72 0.00	37.31 -0.80 0.00	53.36 -1.05 -1.88	64.88 -1.26 -3.05	56.98 -1.17 -2.43	45.09 -1.03 -1.05	36.74 -0.98 0.00	33.81 -0.87 0.00	31.19 -0.77 0.00	29.77 -0.76 0.00	28.66 -0.86 0.00	29.32 -0.81 0.00	31.30 -0.84 0.00	37.36 -0.80 0.00	48.29 -1.04 0.00	54.66 -1.06 0.00	50.03 -1.18 0.00	44.07 -1.13 0.00	38.46 -1.03 0.00	35.62 -0.91 0.00

OSWEGO___6 23613	36.68 -0.79 0.00	34.61 -0.71 0.00	33.49 -0.72 0.00	33.49 -0.65 0.00	33.42 -0.72 0.00	37.31 -0.80 0.00	53.36 -1.05 -1.88	64.88 -1.26 -3.05	56.98 -1.17 -2.43	45.09 -1.03 -1.05	36.74 -0.98 0.00	33.81 -0.87 0.00	31.19 -0.77 0.00	29.77 -0.76 0.00	28.66 -0.86 0.00	29.32 -0.81 0.00	31.30 -0.84 0.00	37.36 -0.80 0.00	48.29 -1.04 0.00	54.66 -1.06 0.00	50.03 -1.18 0.00	44.07 -1.13 0.00	38.46 -1.03 0.00	35.62 -0.91 0.00
OUTOKUMPU-AB___DRP 24206	35.71 -1.76 0.00	33.69 -1.62 0.00	32.54 -1.68 0.00	32.81 -1.33 0.00	33.05 -1.09 0.00	37.45 -0.65 0.01	46.27 -2.00 4.27	53.02 -3.15 6.92	46.72 -3.51 5.50	39.72 -2.97 2.38	35.27 -2.45 0.00	32.46 -2.22 0.00	29.46 -2.49 0.00	28.06 -2.47 0.00	26.48 -3.04 0.00	27.21 -2.92 0.00	29.31 -2.83 0.00	35.15 -3.02 0.00	45.87 -3.45 0.00	52.21 -3.51 0.00	47.41 -3.79 0.00	41.22 -3.98 0.00	36.44 -3.04 0.00	34.05 -2.48 0.00
OXBOW___BTM 323836	35.30 -2.17 0.00	33.27 -2.05 0.00	32.16 -2.05 0.00	32.40 -1.74 0.00	32.64 -1.50 0.00	36.99 -1.11 0.01	45.73 -2.52 4.28	52.30 -3.85 6.94	46.14 -4.07 5.52	39.31 -3.38 2.38	34.85 -2.87 0.00	32.08 -2.60 0.00	29.24 -2.72 0.00	27.73 -2.81 0.00	26.21 -3.31 0.00	26.91 -3.22 0.00	28.96 -3.18 0.00	34.73 -3.43 0.00	45.23 -4.09 0.00	51.37 -4.35 0.00	46.70 -4.51 0.00	40.86 -4.34 0.00	36.09 -3.40 0.00	33.76 -2.78 0.00
OXBOW____ 24026	35.30 -2.17 0.00	33.27 -2.05 0.00	32.16 -2.05 0.00	32.40 -1.74 0.00	32.64 -1.50 0.00	36.99 -1.11 0.01	45.73 -2.52 4.28	52.31 -3.85 6.94	46.14 -4.07 5.52	39.31 -3.38 2.38	34.82 -2.90 0.00	32.04 -2.64 0.00	29.08 -2.88 0.00	27.70 -2.84 0.00	26.15 -3.36 0.00	26.91 -3.22 0.00	28.96 -3.18 0.00	34.69 -3.47 0.00	45.23 -4.09 0.00	51.43 -4.29 0.00	46.70 -4.51 0.00	40.63 -4.56 0.00	35.97 -3.51 0.00	33.65 -2.89 0.00
OXY_CHEM_DSASP 323612	35.00 -2.47 0.00	33.02 -2.30 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.72 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.70 2.39	34.44 -3.28 0.00	31.73 -2.95 0.00	28.79 -3.16 0.00	27.45 -3.08 0.00	25.95 -3.57 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.35 -3.82 0.00	44.74 -4.59 0.00	50.81 -4.90 0.00	46.13 -5.07 0.00	40.18 -5.02 0.00	35.62 -3.87 0.00	33.32 -3.22 0.00
OZONE_PARK_ESR 323760	39.16 1.69 0.00	36.90 1.59 0.00	35.72 1.51 0.00	35.64 1.50 0.00	35.74 1.60 0.00	40.05 1.94 0.00	53.83 2.94 1.64	64.15 3.72 2.67	57.12 3.51 2.12	47.27 3.11 0.92	40.44 2.72 0.00	37.28 2.60 0.00	34.32 2.36 0.00	32.83 2.29 0.00	32.00 2.48 0.00	32.57 2.44 0.00	34.65 2.51 0.00	41.07 2.90 0.00	53.02 3.70 0.00	60.34 4.62 0.00	54.94 3.74 0.00	48.22 3.03 0.00	42.05 2.57 0.00	38.73 2.19 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	35.00 -2.47 0.00	33.02 -2.30 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.72 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.70 2.39	34.44 -3.28 0.00	31.73 -2.95 0.00	28.79 -3.16 0.00	27.45 -3.08 0.00	25.95 -3.57 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.35 -3.82 0.00	44.74 -4.59 0.00	50.81 -4.90 0.00	46.13 -5.07 0.00	40.18 -5.02 0.00	35.62 -3.87 0.00	33.32 -3.22 0.00
PACKARD___115KV_DUPONT_184 80571	35.00 -2.47 0.00	33.02 -2.30 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.36 -1.78 0.00	36.65 -1.45 0.01	45.40 -2.84 4.29	51.72 -4.42 6.96	45.68 -4.51 5.54	38.99 -3.70 2.39	34.44 -3.28 0.00	31.73 -2.95 0.00	28.79 -3.16 0.00	27.45 -3.08 0.00	25.95 -3.57 0.00	26.70 -3.44 0.00	28.73 -3.41 0.00	34.35 -3.82 0.00	44.74 -4.59 0.00	50.81 -4.90 0.00	46.13 -5.07 0.00	40.18 -5.02 0.00	35.62 -3.87 0.00	33.32 -3.22 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	39.02 1.54 -0.01	36.74 1.41 -0.01	35.59 1.37 -0.01	35.51 1.37 -0.01	35.61 1.47 -0.01	39.86 1.75 0.00	53.50 2.63 1.65	63.71 3.28 2.67	56.72 3.12 2.13	46.94 2.79 0.92	40.20 2.49 0.01	37.03 2.36 0.01	34.09 2.14 0.01	32.60 2.08 0.01	31.78 2.27 0.01	32.38 2.26 0.01	34.45 2.31 0.01	40.79 2.63 0.01	52.67 3.35 0.01	59.89 4.18 0.01	54.58 3.38 0.01	47.94 2.76 0.01	41.82 2.33 -0.01	38.52 1.97 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	39.20 1.72 -0.01	36.95 1.62 -0.01	35.76 1.54 -0.01	35.69 1.54 -0.01	35.82 1.67 -0.01	40.09 1.98 0.00	53.82 2.94 1.65	64.02 3.60 2.67	57.00 3.40 2.13	47.12 2.97 0.92	40.28 2.57 0.01	37.20 2.53 0.01	34.15 2.20 0.01	32.63 2.11 0.01	31.81 2.30 0.01	32.38 2.26 0.01	34.48 2.35 0.01	40.83 2.67 0.01	52.77 3.45 0.01	60.05 4.35 0.01	54.73 3.53 0.01	48.08 2.89 0.01	41.94 2.45 -0.01	38.63 2.08 -0.01
PATROON___115KV_TB1 80586	38.11 0.64 0.00	35.88 0.57 0.00	34.80 0.58 0.00	34.72 0.58 0.00	34.86 0.72 0.00	38.90 0.80 0.00	51.93 1.00 1.60	61.77 1.26 2.59	54.95 1.28 2.06	45.26 1.08 0.89	38.63 0.91 0.00	35.61 0.94 0.00	32.82 0.86 0.00	31.42 0.89 0.00	30.43 0.92 0.00	31.04 0.90 0.00	33.10 0.96 0.00	39.08 0.92 0.00	50.56 1.23 0.00	57.44 1.73 0.00	52.43 1.23 0.00	46.28 1.08 0.00	40.47 0.99 0.00	37.45 0.91 0.00
PATTRSNVILLE___SOLAR 323815	38.64 1.16 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.20 1.06 0.00	35.26 1.12 0.00	39.44 1.33 0.00	52.78 1.89 1.64	62.70 2.27 2.66	55.56 1.95 2.11	45.51 1.35 0.91	38.78 1.05 0.00	35.58 0.90 0.00	32.78 0.83 0.00	31.33 0.79 0.00	30.31 0.80 0.00	30.98 0.84 0.00	33.14 1.00 0.00	39.50 1.34 0.00	51.35 2.02 0.00	58.39 2.67 0.00	53.30 2.10 0.00	47.09 1.90 0.00	41.10 1.62 0.00	38.00 1.46 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	36.31 -1.16 0.00	34.22 -1.09 0.00	33.08 -1.13 0.00	33.36 -0.79 0.00	33.56 -0.58 0.00	38.10 0.00 0.01	45.86 -2.52 4.15	52.64 -3.72 6.73	46.42 -3.96 5.35	39.33 -3.43 2.31	35.95 -1.77 0.00	33.08 -1.60 0.00	30.04 -1.92 0.00	28.58 -1.95 0.00	27.01 -2.51 0.00	27.78 -2.35 0.00	29.86 -2.28 0.00	35.91 -2.25 0.00	46.96 -2.37 0.00	53.49 -2.23 0.00	48.54 -2.66 0.00	42.17 -3.03 0.00	37.19 -2.29 0.00	34.75 -1.79 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.08 1.61 0.00	36.80 1.48 0.00	35.65 1.44 0.00	35.61 1.47 0.00	35.67 1.54 0.00	39.93 1.83 0.00	53.83 2.94 1.64	64.09 3.66 2.67	57.01 3.40 2.12	46.95 2.79 0.92	40.02 2.30 0.00	36.79 2.12 0.00	33.84 1.89 0.00	32.31 1.77 0.00	31.49 1.98 0.00	32.09 1.96 0.00	34.20 2.06 0.00	40.65 2.48 0.00	52.68 3.35 0.00	60.01 4.29 0.00	54.58 3.38 0.00	48.00 2.80 0.00	41.85 2.37 0.00	38.55 2.01 0.00
PEEKSKILL____ 23653	38.64 1.16 0.00	36.41 1.10 0.00	35.24 1.03 0.00	35.20 1.06 0.00	35.30 1.16 0.00	39.51 1.41 0.00	53.04 2.15 1.65	63.13 2.71 2.67	56.11 2.51 2.13	46.36 2.21 0.92	39.61 1.89 0.00	36.48 1.80 0.00	33.58 1.63 0.00	32.12 1.59 0.00	31.26 1.74 0.00	31.88 1.75 0.00	33.94 1.80 0.00	40.23 2.06 0.00	51.99 2.66 0.00	59.23 3.51 0.00	53.92 2.71 0.00	47.36 2.17 0.00	41.34 1.86 0.00	38.11 1.57 0.00

PGE MADISON___WINDPWR 24146	39.87 2.40 0.00	37.47 2.15 0.00	36.16 1.95 0.00	36.12 1.98 0.00	36.19 2.05 0.00	40.54 2.44 0.01	53.36 3.68 2.85	62.83 4.35 4.62	55.34 3.29 3.67	45.38 1.89 1.59	38.74 1.02 0.00	35.09 0.42 0.00	32.21 0.25 0.00	30.54 0.00 0.00	29.40 -0.12 0.00	30.31 0.18 0.00	32.62 0.48 0.00	39.73 1.57 0.00	52.73 3.40 0.00	61.23 5.52 0.00	55.76 4.56 0.00	48.99 3.80 0.00	42.53 3.04 0.00	39.28 2.74 0.00
PIERCEFIELD___HYD 23852	36.87 -0.60 0.00	34.75 -0.57 0.00	33.67 -0.55 0.00	33.42 -0.72 0.00	33.39 -0.75 0.00	43.64 -0.95 -6.48	58.61 -1.52 -7.60	71.29 -2.15 -10.34	62.88 -2.23 -9.38	50.39 -1.62 -6.94	36.48 -1.24 0.00	33.36 -1.32 0.00	30.90 -1.21 -0.16	34.49 -1.16 -5.12	33.39 -1.12 -4.99	33.96 -1.24 -5.07	36.14 -1.32 -5.32	36.60 -1.56 0.00	47.60 -1.73 0.00	53.49 -2.23 0.00	49.82 -1.38 0.00	44.16 -1.04 0.00	38.50 -0.99 0.00	35.70 -0.84 0.00
PINELAWN_CC_1 323563	39.16 1.69 0.00	36.73 1.41 0.00	35.62 1.40 0.00	35.47 1.33 0.00	35.61 1.47 0.00	39.97 1.87 0.00	53.46 2.57 1.64	63.83 3.40 2.67	56.56 2.95 2.12	47.00 2.84 0.92	40.17 2.45 0.00	37.00 2.32 0.00	34.00 2.05 0.00	32.67 2.14 0.00	31.94 2.42 0.00	32.48 2.35 0.00	34.61 2.47 0.00	41.19 3.01 -0.01	52.78 3.45 0.00	60.17 4.46 0.00	54.53 3.33 0.00	48.36 3.16 0.00	42.21 2.72 0.00	38.84 2.30 0.00
PJM_GEN_HTP_PROXY 323702	38.86 1.39 0.00	36.62 1.31 0.00	35.44 1.23 0.00	35.41 1.26 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.36 2.47 1.64	63.58 3.15 2.67	56.62 3.01 2.12	46.86 2.70 0.92	40.10 2.38 0.00	36.97 2.29 0.00	34.03 2.08 0.00	32.58 2.05 0.00	31.73 2.21 0.00	32.33 2.20 0.00	34.39 2.25 0.00	42.28 2.52 -1.59	50.94 3.20 1.59	59.28 4.12 0.56	54.99 3.23 -0.56	47.77 2.57 0.00	41.65 2.17 0.00	38.44 1.90 0.00
PJM_GEN_KEystone 24065	37.25 -0.22 0.00	35.10 -0.21 0.00	33.98 -0.24 0.00	34.04 -0.10 0.00	34.17 0.03 0.00	38.40 0.30 0.01	49.91 0.05 2.68	58.57 -0.19 4.34	51.83 -0.45 3.45	43.27 -0.31 1.49	37.65 -0.08 0.00	34.64 -0.03 0.00	31.76 -0.19 0.00	30.29 -0.25 0.00	29.16 -0.35 0.00	29.83 -0.30 0.00	31.88 -0.26 0.00	39.57 -0.19 -1.59	47.73 0.00 1.59	55.60 0.44 0.56	51.66 -0.10 -0.56	44.79 -0.41 0.00	39.21 -0.27 0.00	36.32 -0.22 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.86 1.39 0.00	36.48 1.16 0.00	35.34 1.13 0.00	35.23 1.09 0.00	35.37 1.23 0.00	39.67 1.56 0.00	53.04 2.15 1.64	63.27 2.84 2.67	56.17 2.56 2.12	46.68 2.52 0.92	39.91 2.19 0.00	36.79 2.12 0.00	33.81 1.85 0.00	32.46 1.92 0.00	31.70 2.18 0.00	32.24 2.11 0.00	34.33 2.19 0.00	42.40 2.63 -1.60	50.69 2.96 1.59	59.06 3.90 0.56	54.63 2.87 -0.56	47.86 2.67 0.00	41.77 2.29 0.00	38.51 1.97 0.00
PJM_GEN_VFT_PROXY 323633	38.67 1.20 0.00	36.41 1.10 0.00	35.28 1.06 0.00	35.20 1.06 0.00	35.33 1.19 0.00	39.55 1.45 0.00	53.14 2.26 1.64	56.77 2.77 9.10	56.34 2.73 2.12	46.68 2.52 0.92	39.95 2.23 0.00	36.83 2.15 0.00	33.91 1.95 0.00	32.46 1.92 0.00	31.67 2.15 0.00	32.27 2.14 0.00	34.26 2.12 0.00	42.13 2.37 -1.59	50.74 3.01 1.59	59.00 3.84 0.56	54.78 3.02 -0.56	47.54 2.35 0.00	41.46 1.97 0.00	38.29 1.75 0.00
PLATSBURG_115KV_PMLD1 355749	36.69 -0.79 0.00	34.54 -0.78 0.00	33.43 -0.79 0.00	32.84 -1.30 0.00	32.47 -1.67 0.00	-6.20 -2.06 42.25	-5.90 -2.84 55.59	-5.67 -3.41 65.36	-5.88 -3.29 58.33	-6.10 -2.61 48.56	35.69 -2.04 0.00	32.70 -1.98 0.00	29.00 -1.85 1.10	-6.45 -1.71 35.28	-6.50 -1.62 34.39	-6.52 -1.75 34.90	-6.42 -1.93 36.63	35.91 -2.25 0.00	47.01 -2.32 0.00	53.15 -2.56 0.00	49.57 -1.64 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	35.92 -0.62 0.00
PLEASANTVLY___LBMP 24000	38.60 1.12 0.00	36.34 1.02 0.00	35.21 0.99 0.00	35.17 1.02 0.00	35.27 1.13 0.00	39.44 1.33 0.00	52.89 2.00 1.64	62.90 2.46 2.66	55.96 2.34 2.11	46.28 2.12 0.91	39.53 1.81 0.00	36.41 1.73 0.00	33.52 1.57 0.00	32.06 1.53 0.00	31.20 1.68 0.00	31.82 1.69 0.00	33.84 1.70 0.00	40.11 1.95 0.00	51.79 2.47 0.00	58.89 3.18 0.00	53.66 2.46 0.00	47.27 2.08 0.00	41.26 1.78 0.00	38.07 1.53 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.82 1.35 0.00	36.55 1.24 0.00	35.41 1.20 0.00	35.34 1.19 0.00	35.47 1.33 0.00	39.67 1.56 0.00	53.25 2.36 1.64	63.46 3.03 2.67	56.45 2.84 2.12	46.68 2.52 0.92	39.91 2.19 0.00	36.76 2.08 0.00	33.84 1.89 0.00	32.37 1.83 0.00	31.49 1.98 0.00	32.09 1.96 0.00	34.16 2.02 0.00	40.49 2.33 0.00	52.33 3.01 0.00	59.56 3.84 0.00	54.23 3.02 0.00	47.68 2.49 0.00	41.62 2.13 0.00	38.33 1.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.82 1.35 0.00	36.55 1.24 0.00	35.41 1.20 0.00	35.34 1.19 0.00	35.47 1.33 0.00	39.67 1.56 0.00	53.25 2.36 1.64	63.46 3.03 2.67	56.45 2.84 2.12	46.68 2.52 0.92	39.91 2.19 0.00	36.76 2.08 0.00	33.84 1.89 0.00	32.37 1.83 0.00	31.49 1.98 0.00	32.09 1.96 0.00	34.16 2.02 0.00	40.49 2.33 0.00	52.33 3.01 0.00	59.56 3.84 0.00	54.23 3.02 0.00	47.68 2.49 0.00	41.62 2.13 0.00	38.33 1.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.78 1.31 0.00	36.52 1.20 0.00	35.38 1.16 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.63 1.52 0.00	53.20 2.31 1.64	63.27 2.84 2.66	56.23 2.62 2.12	46.41 2.25 0.91	39.61 1.89 0.00	36.41 1.73 0.00	33.49 1.53 0.00	32.06 1.53 0.00	31.17 1.65 0.00	31.82 1.69 0.00	33.87 1.74 0.00	40.15 1.98 0.00	51.99 2.66 0.00	59.23 3.51 0.00	53.92 2.71 0.00	47.45 2.26 0.00	41.42 1.93 0.00	38.22 1.68 0.00
POLETTI___ 23519	38.90 1.42 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.74 1.64 0.00	53.30 2.42 1.64	63.50 3.09 2.68	56.55 2.95 2.14	46.80 2.66 0.93	40.05 2.34 0.02	36.93 2.25 0.00	34.03 2.08 0.00	32.55 2.02 0.00	31.73 2.21 0.00	32.30 2.17 0.00	34.36 2.22 0.00	40.63 2.48 0.02	52.47 3.16 0.02	59.71 4.01 0.02	54.36 3.17 0.02	47.71 2.53 0.02	41.66 2.17 0.00	38.44 1.90 0.00
POMONA___ESR 323819	38.60 1.12 0.00	36.37 1.06 0.00	35.21 0.99 0.00	35.16 1.02 0.00	35.26 1.12 0.00	39.47 1.37 0.00	53.03 2.15 1.65	63.13 2.71 2.68	56.11 2.51 2.13	46.36 2.21 0.92	39.57 1.85 0.00	36.44 1.77 0.00	33.52 1.57 0.00	32.09 1.56 0.00	31.20 1.68 0.00	31.82 1.69 0.00	33.87 1.73 0.00	40.15 1.98 0.00	51.94 2.61 0.00	59.17 3.46 0.00	53.86 2.66 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.07 1.53 0.00
PORT_JEFF_3 23555	39.16 1.69 0.00	36.69 1.38 0.00	35.58 1.37 0.00	35.44 1.30 0.00	35.57 1.43 0.00	39.97 1.87 0.00	53.41 2.52 1.64	63.96 3.53 2.67	56.56 2.95 2.12	47.04 2.89 0.92	40.14 2.42 0.00	37.00 2.32 0.00	33.94 1.98 0.00	32.76 2.23 0.00	32.08 2.57 0.00	32.57 2.44 0.00	34.65 2.51 0.00	41.30 3.13 -0.01	52.83 3.50 0.00	60.29 4.57 0.00	54.58 3.38 0.00	48.45 3.26 0.00	42.33 2.84 0.00	38.84 2.30 0.00

PORT_JEFF_4 23616	39.05 1.57 0.00	36.58 1.27 0.00	35.51 1.30 0.00	35.37 1.23 0.00	35.51 1.37 0.00	39.86 1.75 0.00	53.25 2.37 1.64	63.71 3.28 2.67	56.39 2.79 2.12	46.91 2.75 0.92	40.02 2.30 0.00	36.90 2.22 0.00	33.87 1.92 0.00	32.70 2.17 0.00	32.00 2.48 0.00	32.48 2.35 0.00	34.55 2.41 0.00	41.15 2.98 -0.01	52.63 3.31 0.00	60.06 4.35 0.00	54.38 3.18 0.00	48.27 3.07 0.00	42.17 2.69 0.00	38.73 2.19 0.00
PORT_JEFF_IC 23713	39.12 1.65 0.00	36.66 1.34 0.00	35.55 1.33 0.00	35.40 1.26 0.00	35.54 1.40 0.00	39.93 1.83 0.00	53.46 2.57 1.64	64.09 3.66 2.67	56.62 3.01 2.12	47.00 2.84 0.92	40.25 2.53 0.00	36.97 2.29 0.00	33.94 1.98 0.00	32.76 2.23 0.00	32.08 2.57 0.00	32.54 2.41 0.00	34.68 2.54 0.00	41.37 3.21 0.00	52.73 3.40 0.00	60.17 4.46 0.00	54.53 3.33 0.00	48.58 3.39 0.00	42.33 2.84 0.00	39.06 2.52 0.00
PPL_PILGRIM_ST_GT1 24216	39.31 1.84 0.00	36.83 1.52 0.00	35.75 1.54 0.00	35.61 1.47 0.00	35.78 1.64 0.00	40.16 2.06 0.00	53.67 2.78 1.64	64.15 3.72 2.67	56.84 3.23 2.12	47.22 3.07 0.92	40.32 2.60 0.00	37.18 2.50 0.00	34.10 2.14 0.00	32.83 2.29 0.00	32.11 2.60 0.00	32.63 2.50 0.00	34.74 2.60 0.00	41.38 3.21 -0.01	52.98 3.65 0.00	60.45 4.73 0.00	54.79 3.58 0.00	48.59 3.39 0.00	42.45 2.96 0.00	39.02 2.49 0.00
PPL_PILGRIM_ST_GT2 24217	39.31 1.84 0.00	36.83 1.52 0.00	35.75 1.54 0.00	35.61 1.47 0.00	35.78 1.64 0.00	40.16 2.06 0.00	53.67 2.78 1.64	64.15 3.72 2.67	56.84 3.23 2.12	47.22 3.07 0.92	40.32 2.60 0.00	37.18 2.50 0.00	34.10 2.14 0.00	32.83 2.29 0.00	32.11 2.60 0.00	32.63 2.50 0.00	34.74 2.60 0.00	41.38 3.21 -0.01	52.98 3.65 0.00	60.45 4.73 0.00	54.79 3.58 0.00	48.59 3.39 0.00	42.45 2.96 0.00	39.02 2.49 0.00
PPL_SHRM_GT3 24213	38.52 1.05 0.00	36.06 0.74 0.00	34.97 0.75 0.00	34.79 0.65 0.00	34.96 0.82 0.00	39.21 1.11 0.00	52.41 1.52 1.64	62.82 2.40 2.67	55.50 1.90 2.12	46.36 2.21 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.43 1.47 0.00	32.52 1.98 0.00	31.85 2.33 0.00	32.21 2.08 0.00	34.10 1.96 0.00	40.69 2.52 -0.01	51.84 2.51 0.00	59.23 3.51 0.00	53.56 2.36 0.00	47.59 2.39 0.00	41.73 2.25 0.00	38.18 1.65 0.00
PPL_SHRM_GT4 24214	38.52 1.05 0.00	36.06 0.74 0.00	34.97 0.75 0.00	34.79 0.65 0.00	34.96 0.82 0.00	39.21 1.11 0.00	52.41 1.52 1.64	62.82 2.40 2.67	55.50 1.90 2.12	46.36 2.21 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.43 1.47 0.00	32.52 1.98 0.00	31.85 2.33 0.00	32.21 2.08 0.00	34.10 1.96 0.00	40.69 2.52 -0.01	51.84 2.51 0.00	59.23 3.51 0.00	53.56 2.36 0.00	47.59 2.39 0.00	41.73 2.25 0.00	38.18 1.65 0.00
PROJECT___ORANGE 1 24174	37.06 -0.41 0.00	34.96 -0.35 0.00	33.87 -0.34 0.00	33.87 -0.27 0.00	33.80 -0.34 0.00	37.79 -0.30 0.01	48.82 -0.32 3.39	57.21 -0.38 5.50	50.96 -0.39 4.38	42.73 -0.45 1.89	37.19 -0.53 0.00	34.16 -0.52 0.00	31.48 -0.48 0.00	30.05 -0.49 0.00	28.90 -0.62 0.00	29.56 -0.57 0.00	31.56 -0.58 0.00	37.86 -0.31 0.00	48.93 -0.39 0.00	55.60 -0.11 0.00	50.79 -0.41 0.00	44.65 -0.54 0.00	38.93 -0.55 0.00	36.10 -0.44 0.00
PROJECT___ORANGE 2 24166	37.06 -0.41 0.00	34.96 -0.35 0.00	33.87 -0.34 0.00	33.87 -0.27 0.00	33.80 -0.34 0.00	37.79 -0.30 0.01	48.82 -0.32 3.39	57.21 -0.38 5.50	50.96 -0.39 4.38	42.73 -0.45 1.89	37.19 -0.53 0.00	34.16 -0.52 0.00	31.48 -0.48 0.00	30.05 -0.49 0.00	28.90 -0.62 0.00	29.56 -0.57 0.00	31.56 -0.58 0.00	37.86 -0.31 0.00	48.93 -0.39 0.00	55.60 -0.11 0.00	50.79 -0.41 0.00	44.65 -0.54 0.00	38.93 -0.55 0.00	36.10 -0.44 0.00
PUCKETT___SOLAR 323809	38.00 0.52 0.00	35.81 0.49 0.00	34.66 0.44 0.00	34.69 0.54 0.00	34.75 0.62 0.00	39.01 0.91 0.01	50.79 1.15 2.89	59.66 1.26 4.69	52.78 0.78 3.73	43.78 0.32 1.61	37.76 0.04 0.00	34.50 -0.17 0.00	31.64 -0.32 0.00	30.14 -0.40 0.00	28.95 -0.56 0.00	29.71 -0.42 0.00	31.82 -0.32 0.00	38.36 0.19 0.00	50.21 0.89 0.00	57.44 1.73 0.00	52.38 1.18 0.00	46.01 0.81 0.00	40.11 0.63 0.00	37.12 0.58 0.00
PYRITES___HYD 24023	37.73 0.26 0.00	35.56 0.25 0.00	34.45 0.24 0.00	34.21 0.07 0.00	34.17 0.03 0.00	43.86 -0.08 -5.83	59.05 -0.26 -6.79	71.63 -0.57 -9.11	63.00 -1.00 -8.28	50.42 -0.86 -6.21	37.08 -0.64 0.00	33.88 -0.80 0.00	31.36 -0.73 -0.14	34.39 -0.70 -4.56	33.28 -0.68 -4.45	33.86 -0.78 -4.51	36.07 -0.80 -4.73	37.29 -0.88 0.00	48.59 -0.74 0.00	54.77 -0.95 0.00	51.05 -0.15 0.00	45.19 0.00 0.00	39.41 -0.08 0.00	36.50 -0.04 0.00
QUAKERRD_115KV_BK1 80622	35.75 -1.72 0.00	33.76 -1.55 0.00	32.67 -1.54 0.00	32.74 -1.40 0.00	32.77 -1.37 0.00	36.88 -1.22 0.01	46.48 -1.63 4.42	53.84 -2.08 7.17	47.80 -2.23 5.70	40.63 -1.98 2.46	35.65 -2.07 0.00	32.74 -1.94 0.00	29.97 -1.98 0.00	28.55 -1.98 0.00	27.30 -2.21 0.00	27.93 -2.20 0.00	29.92 -2.22 0.00	35.91 -2.25 0.00	46.81 -2.52 0.00	53.21 -2.51 0.00	48.54 -2.66 0.00	42.48 -2.71 0.00	37.23 -2.25 0.00	34.49 -2.05 0.00
QUENSBRY_115KV_TB8 356137	38.41 0.94 0.00	36.13 0.81 0.00	35.00 0.79 0.00	34.93 0.79 0.00	35.03 0.89 0.00	39.21 1.11 0.00	52.81 1.89 1.61	62.95 2.46 2.61	56.00 2.34 2.07	45.80 1.62 0.90	38.93 1.21 0.00	35.54 0.87 0.00	32.66 0.70 0.00	31.15 0.61 0.00	30.14 0.62 0.00	30.77 0.63 0.00	33.01 0.87 0.00	39.35 1.18 0.00	51.30 1.97 0.00	58.28 2.56 0.00	53.20 2.00 0.00	48.00 2.80 0.00	41.85 2.37 0.00	38.69 2.16 0.00
RAMAPO___LBMP 323565	38.48 1.01 0.00	36.23 0.92 0.00	35.10 0.89 0.00	35.03 0.89 0.00	35.13 0.99 0.00	39.32 1.22 0.00	52.77 1.89 1.65	62.87 2.46 2.68	55.83 2.23 2.13	46.13 1.98 0.92	39.42 1.70 0.00	36.31 1.63 0.00	33.39 1.44 0.00	31.94 1.40 0.00	31.08 1.56 0.00	31.70 1.57 0.00	33.75 1.61 0.00	40.00 1.83 0.00	51.74 2.42 0.00	58.89 3.18 0.00	53.66 2.46 0.00	47.14 1.94 0.00	41.18 1.70 0.00	37.93 1.39 0.00
RANKINE____ 23646	36.09 -1.39 0.00	34.01 -1.31 0.00	32.88 -1.33 0.00	33.15 -0.99 0.00	33.39 -0.75 0.00	37.87 -0.23 0.01	46.44 -1.89 4.20	53.26 -3.03 6.80	46.97 -3.34 5.41	39.85 -2.88 2.34	35.72 -2.00 0.00	32.91 -1.77 0.00	29.85 -2.11 0.00	28.43 -2.11 0.00	26.83 -2.69 0.00	27.57 -2.56 0.00	29.66 -2.47 0.00	35.65 -2.52 0.00	46.51 -2.81 0.00	52.93 -2.79 0.00	48.08 -3.12 0.00	41.76 -3.43 0.00	36.88 -2.61 0.00	34.49 -2.05 0.00
RAVENSWOOD_GT2_1 24244	38.93 1.46 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.73 3.12 2.12	46.95 2.79 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.10 2.14 0.00	32.61 2.08 0.00	31.76 2.24 0.00	32.36 2.23 0.00	34.42 2.28 0.00	40.76 2.60 0.00	52.63 3.30 0.00	59.89 4.18 0.00	54.53 3.33 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.47 1.94 0.00

RAVENSWOOD_GT2_2 24245	38.93 1.46 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.73 3.12 2.12	46.95 2.79 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.10 2.14 0.00	32.61 2.08 0.00	31.76 2.24 0.00	32.36 2.23 0.00	34.42 2.28 0.00	40.76 2.60 0.00	52.63 3.30 0.00	59.89 4.18 0.00	54.53 3.33 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.47 1.94 0.00
RAVENSWOOD_GT2_3 24246	38.97 1.50 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.86 1.75 0.00	53.51 2.63 1.64	63.77 3.34 2.67	56.73 3.12 2.12	46.95 2.79 0.92	40.21 2.49 0.00	37.04 2.36 0.00	34.10 2.14 0.00	32.61 2.08 0.00	31.79 2.27 0.00	32.39 2.26 0.00	34.45 2.31 0.00	40.76 2.60 0.00	52.63 3.30 0.00	59.89 4.18 0.00	54.58 3.38 0.00	47.91 2.71 0.00	41.81 2.33 0.00	38.51 1.97 0.00
RAVENSWOOD_GT2_4 24247	38.97 1.50 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.86 1.75 0.00	53.51 2.63 1.64	63.77 3.34 2.67	56.73 3.12 2.12	46.95 2.79 0.92	40.21 2.49 0.00	37.04 2.36 0.00	34.10 2.14 0.00	32.61 2.08 0.00	31.79 2.27 0.00	32.39 2.26 0.00	34.45 2.31 0.00	40.76 2.60 0.00	52.63 3.30 0.00	59.89 4.18 0.00	54.58 3.38 0.00	47.91 2.71 0.00	41.81 2.33 0.00	38.51 1.97 0.00
RAVENSWOOD_GT3_1 24248	38.93 1.46 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.73 3.12 2.12	46.95 2.79 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.10 2.14 0.00	32.61 2.08 0.00	31.76 2.24 0.00	32.36 2.23 0.00	34.42 2.28 0.00	40.76 2.60 0.00	52.63 3.30 0.00	59.89 4.18 0.00	54.53 3.33 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.47 1.94 0.00
RAVENSWOOD_GT3_2 24249	38.93 1.46 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.71 0.00	53.51 2.63 1.64	63.71 3.28 2.67	56.73 3.12 2.12	46.95 2.79 0.92	40.17 2.45 0.00	37.04 2.36 0.00	34.10 2.14 0.00	32.61 2.08 0.00	31.76 2.24 0.00	32.36 2.23 0.00	34.42 2.28 0.00	40.76 2.60 0.00	52.63 3.30 0.00	59.89 4.18 0.00	54.53 3.33 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.47 1.94 0.00
RAVENSWOOD_GT3_3 24250	39.01 1.54 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.86 1.75 0.00	53.57 2.68 1.64	63.83 3.41 2.67	56.79 3.18 2.12	47.00 2.84 0.92	40.25 2.53 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.49 2.35 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.63 3.43 0.00	47.95 2.76 0.00	41.81 2.33 0.00	38.55 2.01 0.00
RAVENSWOOD_GT3_4 24251	39.01 1.54 0.00	36.73 1.41 0.00	35.58 1.37 0.00	35.51 1.37 0.00	35.61 1.47 0.00	39.86 1.75 0.00	53.57 2.68 1.64	63.83 3.41 2.67	56.79 3.18 2.12	47.00 2.84 0.92	40.25 2.53 0.00	37.07 2.39 0.00	34.13 2.17 0.00	32.64 2.11 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.49 2.35 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.95 4.23 0.00	54.63 3.43 0.00	47.95 2.76 0.00	41.81 2.33 0.00	38.55 2.01 0.00
RAVENSWOOD_GT_1 23729	41.20 1.69 -2.04	39.18 1.59 -2.27	38.16 1.51 -2.44	38.13 1.54 -2.45	36.37 1.64 -0.59	42.44 1.94 -2.39	53.91 2.94 1.57	64.09 3.66 2.67	57.38 3.46 1.80	58.40 3.06 -10.27	59.17 2.68 -18.77	58.94 2.53 -21.73	59.81 2.33 -25.52	61.49 2.26 -28.69	52.35 2.42 -20.41	44.94 2.41 -12.40	54.90 2.47 -20.28	64.51 2.82 -23.52	65.44 3.60 -12.52	70.21 4.51 -9.98	63.32 3.64 -8.48	51.41 2.98 -3.24	44.70 2.53 -2.69	41.47 2.16 -2.78
RAVENSWOOD_GT_10 24258	38.93 1.46 0.00	36.69 1.38 0.00	35.51 1.30 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.77 1.71 0.05	53.51 2.63 1.65	63.71 3.28 2.67	56.71 3.12 2.14	46.09 2.79 1.78	38.70 2.45 1.47	35.30 2.32 1.70	32.10 2.14 2.00	30.37 2.08 2.24	30.26 2.24 1.50	31.57 2.23 0.79	32.91 2.28 1.51	39.19 2.60 1.57	52.00 3.30 0.63	59.41 4.18 0.48	54.29 3.33 0.25	47.74 2.71 0.16	41.72 2.29 0.05	38.42 1.94 0.06
RAVENSWOOD_GT_11 24259	38.93 1.46 0.00	36.69 1.38 0.00	35.51 1.30 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.77 1.71 0.05	53.51 2.63 1.65	63.71 3.28 2.67	56.71 3.12 2.14	46.09 2.79 1.78	38.70 2.45 1.47	35.30 2.32 1.70	32.10 2.14 2.00	30.37 2.08 2.24	30.26 2.24 1.50	31.57 2.23 0.79	32.91 2.28 1.51	39.19 2.60 1.57	52.00 3.30 0.63	59.41 4.18 0.48	54.29 3.33 0.25	47.74 2.71 0.16	41.72 2.29 0.05	38.42 1.94 0.06
RAVENSWOOD_GT_4 24252	40.44 1.42 -1.54	38.38 1.34 -1.72	37.33 1.27 -1.85	37.30 1.30 -1.86	35.97 1.40 -0.44	40.86 1.68 -1.07	53.49 2.57 1.62	63.65 3.22 2.67	56.67 3.07 2.13	42.30 2.75 5.52	32.03 2.41 8.11	27.75 2.32 9.25	23.16 2.11 10.91	20.37 2.05 12.21	24.52 2.21 7.21	29.69 2.20 2.64	26.90 2.25 7.49	34.82 2.56 5.90	52.57 3.26 0.01	60.13 4.12 -0.29	57.19 3.28 -2.71	47.85 2.67 0.01	42.95 2.25 -1.21	39.69 1.90 -1.26
RAVENSWOOD_GT_5 24254	40.44 1.42 -1.54	38.38 1.34 -1.72	37.33 1.27 -1.85	37.30 1.30 -1.86	35.97 1.40 -0.44	40.86 1.68 -1.07	53.49 2.57 1.62	63.65 3.22 2.67	56.67 3.07 2.13	42.30 2.75 5.52	32.03 2.41 8.11	27.75 2.32 9.25	23.16 2.11 10.91	20.37 2.05 12.21	24.52 2.21 7.21	29.69 2.20 2.64	26.90 2.25 7.49	34.82 2.56 5.90	52.57 3.26 0.01	60.13 4.12 -0.29	57.19 3.28 -2.71	47.85 2.67 0.01	42.95 2.25 -1.21	39.69 1.90 -1.26
RAVENSWOOD_GT_6 24253	40.44 1.42 -1.54	38.38 1.34 -1.72	37.33 1.27 -1.85	37.30 1.30 -1.86	35.97 1.40 -0.44	40.86 1.68 -1.07	53.49 2.57 1.62	63.65 3.22 2.67	56.67 3.07 2.13	42.30 2.75 5.52	32.03 2.41 8.11	27.75 2.32 9.25	23.16 2.11 10.91	20.37 2.05 12.21	24.52 2.21 7.21	29.69 2.20 2.64	26.90 2.25 7.49	34.82 2.56 5.90	52.57 3.26 0.01	60.13 4.12 -0.29	57.19 3.28 -2.71	47.85 2.67 0.01	42.95 2.25 -1.21	39.69 1.90 -1.26
RAVENSWOOD_GT_7 24255	40.44 1.42 -1.54	38.38 1.34 -1.72	37.33 1.27 -1.85	37.30 1.30 -1.86	35.97 1.40 -0.44	40.86 1.68 -1.07	53.49 2.57 1.62	63.65 3.22 2.67	56.67 3.07 2.13	42.30 2.75 5.52	32.03 2.41 8.11	27.75 2.32 9.25	23.16 2.11 10.91	20.37 2.05 12.21	24.52 2.21 7.21	29.69 2.20 2.64	26.90 2.25 7.49	34.82 2.56 5.90	52.57 3.26 0.01	60.13 4.12 -0.29	57.19 3.28 -2.71	47.85 2.67 0.01	42.95 2.25 -1.21	39.69 1.90 -1.26
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.93 1.46 0.00	36.69 1.38 0.00	35.51 1.30 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.77 1.71 0.05	53.51 2.63 1.65	63.71 3.28 2.67	56.71 3.12 2.14	46.09 2.79 1.78	38.70 2.45 1.47	35.30 2.32 1.70	32.10 2.14 2.00	30.37 2.08 2.24	30.26 2.24 1.50	31.57 2.23 0.79	32.91 2.28 1.51	39.19 2.60 1.57	52.00 3.30 0.63	59.41 4.18 0.48	54.29 3.33 0.25	47.74 2.71 0.16	41.72 2.29 0.05	38.42 1.94 0.06

RAVENSWOOD_GT_9 24257	38.93 1.46 0.00	36.69 1.38 0.00	35.51 1.30 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.77 1.71 0.05	53.51 2.63 1.65	63.71 3.28 2.67	56.71 3.12 2.14	46.09 2.79 1.78	38.70 2.45 1.47	35.30 2.32 1.70	32.10 2.14 2.00	30.37 2.08 2.24	30.26 2.24 1.50	31.57 2.23 0.79	32.91 2.28 1.51	39.19 2.60 1.57	52.00 3.30 0.63	59.41 4.18 0.48	54.29 3.33 0.25	47.74 2.71 0.16	41.72 2.29 0.05	38.42 1.94 0.06
RAVENSWOOD___1 23533	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.50 -0.01	35.65 1.50 -0.01	35.79 1.64 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.59 2.67	57.17 3.40 1.96	55.74 3.02 -7.65	54.99 2.64 -14.63	54.02 2.50 -16.84	54.03 2.27 -19.81	55.00 2.23 -22.23	46.76 2.39 -14.86	40.40 2.38 -7.89	49.55 2.44 -14.97	56.50 2.78 -15.55	59.11 3.55 -6.23	65.00 4.51 -4.77	57.29 3.64 -2.45	49.70 2.89 -1.61	42.48 2.45 -0.54	39.25 2.16 -0.56
RAVENSWOOD___2 23534	39.17 1.69 -0.01	36.88 1.55 -0.01	35.73 1.50 -0.01	35.65 1.50 -0.01	35.75 1.60 -0.01	40.53 1.94 -0.48	53.80 2.89 1.62	64.02 3.59 2.67	57.17 3.40 1.96	55.71 3.02 -7.62	54.89 2.60 -14.57	53.95 2.50 -16.78	53.96 2.27 -19.74	54.91 2.23 -22.15	46.71 2.39 -14.80	40.37 2.38 -7.86	49.50 2.44 -14.92	56.41 2.75 -15.49	59.08 3.55 -6.20	64.98 4.51 -4.75	57.22 3.58 -2.44	49.70 2.89 -1.61	42.47 2.45 -0.54	39.25 2.16 -0.56
RAVENSWOOD___3 23535	38.97 1.50 0.00	36.69 1.38 0.00	35.55 1.33 0.00	35.47 1.33 0.00	35.57 1.43 0.00	39.82 1.72 0.00	53.46 2.57 1.64	63.71 3.28 2.67	56.73 3.12 2.12	46.95 2.80 0.92	40.14 2.42 0.00	37.00 2.32 0.00	34.06 2.11 0.00	32.61 2.08 0.00	31.76 2.24 0.00	32.36 2.23 0.00	34.42 2.28 0.00	40.76 2.60 0.00	52.63 3.31 0.00	59.95 4.23 0.00	54.53 3.33 0.00	47.86 2.67 0.00	41.73 2.25 0.00	38.51 1.97 0.00
RAVENSWOOD___4 23820	37.13 1.65 1.99	34.64 1.55 2.22	33.33 1.50 2.39	33.24 1.50 2.40	35.18 1.60 0.56	38.61 1.90 1.40	53.69 2.83 1.68	64.02 3.59 2.67	56.96 3.34 2.11	53.08 2.97 -5.04	50.81 2.60 -10.49	49.13 2.50 -11.96	48.33 2.27 -14.10	48.52 2.20 -15.79	41.20 2.36 -9.32	35.93 2.38 -3.42	44.27 2.44 -9.69	48.55 2.75 -7.63	52.89 3.55 -0.01	59.85 4.51 0.38	51.28 3.58 3.50	48.10 2.89 -0.01	40.36 2.45 1.57	37.07 2.16 1.63
RCPL_TRUST___DRP 24196	38.90 1.42 0.00	36.66 1.34 0.00	35.62 1.40 0.00	35.54 1.40 0.00	35.64 1.50 0.00	39.93 1.83 0.00	53.72 2.84 1.64	64.02 3.60 2.67	57.06 3.46 2.12	47.36 3.20 0.92	40.51 2.79 0.00	37.28 2.60 0.00	34.38 2.43 0.00	32.89 2.35 0.00	32.03 2.51 0.00	32.57 2.44 0.00	34.68 2.54 0.00	41.07 2.90 0.00	53.02 3.70 0.00	60.17 4.46 0.00	54.79 3.58 0.00	48.04 2.85 0.00	41.89 2.41 0.00	38.58 2.05 0.00
RED___ROCHESTER 323720	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.85 0.00	33.49 -0.65 0.00	33.56 -0.58 0.00	37.83 -0.26 0.01	47.66 -0.37 4.50	55.16 -0.63 7.30	48.86 -1.06 5.81	41.48 -1.08 2.51	36.40 -1.32 0.00	33.39 -1.28 0.00	30.61 -1.34 0.00	29.07 -1.47 0.00	27.75 -1.77 0.00	28.36 -1.78 0.00	30.40 -1.74 0.00	36.53 -1.64 0.00	47.74 -1.58 0.00	54.27 -1.45 0.00	49.52 -1.69 0.00	43.39 -1.81 0.00	37.98 -1.50 0.00	35.19 -1.35 0.00
REGAN___SOLAR 323812	39.87 2.40 0.00	37.51 2.19 0.00	36.34 2.12 0.00	36.26 2.12 0.00	36.39 2.25 0.00	40.81 2.71 0.00	54.77 3.94 1.70	65.12 4.79 2.76	57.55 4.01 2.20	46.69 2.57 0.95	39.65 1.92 0.00	36.24 1.56 0.00	33.36 1.40 0.00	31.82 1.28 0.00	30.78 1.27 0.00	31.52 1.39 0.00	33.91 1.77 0.00	40.64 2.48 0.00	53.32 3.99 0.00	60.84 5.12 0.00	55.40 4.20 0.00	48.81 3.62 0.00	42.53 3.04 0.00	39.28 2.74 0.00
RENSSELAER___COGEN 23796	37.96 0.49 0.00	35.77 0.46 0.00	34.69 0.48 0.00	34.62 0.48 0.00	34.72 0.58 0.00	38.75 0.65 0.00	51.73 0.79 1.59	61.46 0.95 2.58	54.68 1.00 2.05	45.09 0.90 0.89	38.44 0.71 0.00	35.48 0.80 0.00	32.66 0.70 0.00	31.30 0.76 0.00	30.31 0.80 0.00	30.95 0.81 0.00	32.97 0.83 0.00	38.97 0.80 0.00	50.36 1.04 0.00	57.16 1.45 0.00	52.17 0.97 0.00	46.10 0.90 0.00	40.31 0.83 0.00	37.31 0.77 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.27 1.80 0.00	36.94 1.62 0.00	35.79 1.57 0.00	35.68 1.54 0.00	35.78 1.64 0.00	40.16 2.06 0.00	54.28 3.36 1.61	64.84 4.35 2.61	57.72 4.07 2.07	46.74 2.57 0.90	39.61 1.89 0.00	36.06 1.39 0.00	33.07 1.12 0.00	31.42 0.89 0.00	30.43 0.92 0.00	31.04 0.90 0.00	33.42 1.29 0.00	40.04 1.87 0.00	52.73 3.40 0.00	60.17 4.46 0.00	54.74 3.53 0.00	49.17 3.98 0.00	42.84 3.36 0.00	39.64 3.11 0.00
REVERE_CPPR_DRP 24186	38.63 1.16 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.17 1.02 0.00	35.20 1.06 0.00	39.32 1.22 0.01	52.01 1.89 2.42	61.50 2.33 3.93	54.45 1.84 3.12	44.90 1.17 1.34	38.48 0.75 0.00	35.09 0.42 0.00	32.34 0.38 0.00	30.81 0.27 0.00	29.75 0.24 0.00	30.46 0.33 0.00	32.56 0.42 0.00	39.01 0.84 0.00	50.81 1.48 0.00	58.06 2.34 0.00	53.10 1.89 0.00	46.69 1.49 0.00	40.67 1.18 0.00	37.63 1.10 0.00
REYNOLDS_115KV_TB3 80639	38.18 0.71 0.00	35.95 0.64 0.00	34.86 0.65 0.00	34.79 0.65 0.00	34.92 0.79 0.00	38.98 0.88 0.00	51.99 1.05 1.60	61.71 1.20 2.59	54.95 1.28 2.06	45.36 1.17 0.89	38.70 0.98 0.00	35.68 1.01 0.00	32.88 0.93 0.00	31.48 0.95 0.00	30.52 1.00 0.00	31.13 0.99 0.00	33.17 1.03 0.00	39.20 1.03 0.00	50.56 1.23 0.00	57.39 1.67 0.00	52.38 1.18 0.00	46.32 1.13 0.00	40.55 1.07 0.00	37.52 0.99 0.00
RIVERBAY____ 323610	39.20 1.72 -0.01	36.95 1.62 -0.01	35.76 1.54 -0.01	35.69 1.54 -0.01	35.82 1.67 -0.01	40.09 1.98 0.00	53.82 2.94 1.65	64.02 3.60 2.67	57.00 3.40 2.13	47.12 2.97 0.92	40.28 2.57 0.01	37.20 2.53 0.01	34.15 2.20 0.01	32.63 2.11 0.01	31.81 2.30 0.01	32.38 2.26 0.01	34.48 2.35 0.01	40.83 2.67 0.01	52.77 3.45 0.01	60.05 4.35 0.01	54.73 3.53 0.01	48.08 2.89 0.01	41.94 2.45 -0.01	38.63 2.08 -0.01
RIVERSDE_115KV_TB3 55908	38.11 0.64 0.00	35.88 0.57 0.00	34.80 0.58 0.00	34.72 0.58 0.00	34.86 0.72 0.00	38.87 0.76 0.00	51.88 0.95 1.60	61.64 1.14 2.59	54.84 1.17 2.06	45.27 1.08 0.89	38.63 0.91 0.00	35.61 0.94 0.00	32.82 0.86 0.00	31.42 0.89 0.00	30.43 0.92 0.00	31.07 0.93 0.00	33.10 0.96 0.00	39.08 0.92 0.00	50.51 1.18 0.00	57.33 1.62 0.00	52.33 1.13 0.00	46.23 1.04 0.00	40.47 0.99 0.00	37.45 0.91 0.00
ROARING___BROOK_WT_PWR 323790	36.84 -0.64 0.00	34.75 -0.57 0.00	33.66 -0.55 0.00	33.53 -0.61 0.00	33.46 -0.68 0.00	37.27 -0.84 0.00	50.08 -1.11 1.34	59.66 -1.26 2.17	52.94 -1.06 1.73	43.51 -0.81 0.75	37.12 -0.61 0.00	34.12 -0.56 0.00	31.41 -0.54 0.00	30.02 -0.52 0.00	28.99 -0.53 0.00	29.56 -0.57 0.00	31.53 -0.61 0.00	37.44 -0.73 0.00	48.49 -0.84 0.00	54.66 -1.06 0.00	50.33 -0.87 0.00	44.38 -0.81 0.00	38.73 -0.75 0.00	35.84 -0.70 0.00

ROCHESRG_115KV_T4 355643	36.24 -1.24 0.00	34.19 -1.13 0.00	33.05 -1.16 0.00	33.19 -0.96 0.00	33.25 -0.89 0.00	37.45 -0.65 0.01	47.11 -0.89 4.53	54.36 -1.39 7.35	48.22 -1.67 5.84	41.02 -1.53 2.52	36.03 -1.70 0.00	33.08 -1.60 0.00	30.26 -1.69 0.00	28.83 -1.71 0.00	27.51 -2.01 0.00	28.14 -1.99 0.00	30.21 -1.93 0.00	36.22 -1.95 0.00	47.20 -2.12 0.00	53.65 -2.06 0.00	48.90 -2.30 0.00	42.80 -2.40 0.00	37.55 -1.93 0.00	34.82 -1.72 0.00
ROCHESTER_9_IC 23652	36.39 -1.09 0.00	34.36 -0.95 0.00	33.22 -0.99 0.00	33.36 -0.79 0.00	33.42 -0.72 0.00	37.64 -0.46 0.01	47.40 -0.63 4.50	54.84 -0.95 7.30	48.58 -1.34 5.81	41.26 -1.31 2.51	36.21 -1.51 0.00	33.26 -1.42 0.00	30.39 -1.57 0.00	28.95 -1.59 0.00	27.63 -1.89 0.00	28.26 -1.87 0.00	30.31 -1.83 0.00	36.37 -1.79 0.00	47.50 -1.83 0.00	53.99 -1.73 0.00	49.21 -2.00 0.00	43.03 -2.17 0.00	37.75 -1.74 0.00	35.00 -1.53 0.00
ROCKVIEW_13_KV_LD 356306	38.93 1.46 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.82 1.71 0.00	53.46 2.57 1.64	63.77 3.34 2.67	56.67 3.07 2.12	46.91 2.75 0.92	40.10 2.38 0.00	36.93 2.25 0.00	34.00 2.05 0.00	32.52 1.98 0.00	31.67 2.15 0.00	32.27 2.14 0.00	34.36 2.22 0.00	40.72 2.56 0.00	52.63 3.30 0.00	59.89 4.18 0.00	54.53 3.33 0.00	47.91 2.71 0.00	41.77 2.29 0.00	38.47 1.94 0.00
ROME____115KV_TB2 80656	38.63 1.16 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.17 1.02 0.00	35.20 1.06 0.00	39.32 1.22 0.01	52.01 1.89 2.42	61.50 2.33 3.93	54.45 1.84 3.12	44.90 1.17 1.34	38.48 0.75 0.00	35.09 0.42 0.00	32.34 0.38 0.00	30.81 0.27 0.00	29.75 0.24 0.00	30.46 0.33 0.00	32.56 0.42 0.00	39.01 0.84 0.00	50.81 1.48 0.00	58.06 2.34 0.00	53.10 1.89 0.00	46.69 1.49 0.00	40.67 1.18 0.00	37.63 1.10 0.00
ROSETON___1 23587	38.52 1.05 0.00	36.30 0.99 0.00	35.17 0.96 0.00	35.10 0.95 0.00	35.20 1.06 0.00	39.36 1.26 0.00	52.77 1.89 1.65	62.82 2.40 2.67	55.84 2.23 2.12	46.14 1.98 0.92	39.42 1.70 0.00	36.31 1.63 0.00	33.43 1.47 0.00	31.97 1.44 0.00	31.08 1.56 0.00	31.73 1.60 0.00	33.75 1.61 0.00	40.00 1.83 0.00	51.69 2.37 0.00	58.83 3.12 0.00	53.61 2.41 0.00	47.14 1.94 0.00	41.14 1.66 0.00	38.00 1.46 0.00
ROSETON___2 23588	38.52 1.05 0.00	36.30 0.99 0.00	35.17 0.96 0.00	35.10 0.95 0.00	35.20 1.06 0.00	39.36 1.26 0.00	52.77 1.89 1.65	62.82 2.40 2.67	55.84 2.23 2.12	46.14 1.98 0.92	39.42 1.70 0.00	36.31 1.63 0.00	33.43 1.47 0.00	31.97 1.44 0.00	31.08 1.56 0.00	31.73 1.60 0.00	33.75 1.61 0.00	40.00 1.83 0.00	51.69 2.37 0.00	58.83 3.12 0.00	53.61 2.41 0.00	47.14 1.94 0.00	41.14 1.66 0.00	38.00 1.46 0.00
ROTRRDAM_115KV_TB3 80664	38.26 0.79 0.00	36.02 0.71 0.00	34.90 0.68 0.00	34.86 0.72 0.00	34.92 0.79 0.00	39.02 0.91 0.00	52.18 1.26 1.61	61.99 1.51 2.62	55.10 1.45 2.08	45.30 1.13 0.90	38.63 0.91 0.00	35.51 0.83 0.00	32.69 0.73 0.00	31.27 0.73 0.00	30.28 0.77 0.00	30.92 0.78 0.00	33.01 0.87 0.00	39.16 0.99 0.00	50.76 1.43 0.00	57.61 1.89 0.00	52.69 1.48 0.00	46.55 1.36 0.00	40.67 1.18 0.00	37.63 1.10 0.00
RUSSELL___1 23602	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	33.49 -0.65 0.00	33.56 -0.58 0.00	37.83 -0.27 0.01	47.66 -0.37 4.50	55.16 -0.63 7.30	48.86 -1.06 5.81	41.48 -1.08 2.51	36.40 -1.32 0.00	33.39 -1.28 0.00	30.52 -1.44 0.00	29.04 -1.50 0.00	27.72 -1.80 0.00	28.36 -1.78 0.00	30.40 -1.74 0.00	36.52 -1.64 0.00	47.75 -1.58 0.00	54.32 -1.39 0.00	49.51 -1.69 0.00	43.25 -1.94 0.00	37.94 -1.54 0.00	35.15 -1.39 0.00
RUSSELL___2 23532	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	33.49 -0.65 0.00	33.56 -0.58 0.00	37.83 -0.27 0.01	47.66 -0.37 4.50	55.16 -0.63 7.30	48.86 -1.06 5.81	41.48 -1.08 2.51	36.40 -1.32 0.00	33.39 -1.28 0.00	30.52 -1.44 0.00	29.04 -1.50 0.00	27.72 -1.80 0.00	28.36 -1.78 0.00	30.40 -1.74 0.00	36.52 -1.64 0.00	47.75 -1.58 0.00	54.32 -1.39 0.00	49.51 -1.69 0.00	43.25 -1.94 0.00	37.94 -1.54 0.00	35.15 -1.39 0.00
RUSSELL___3 23549	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	33.49 -0.65 0.00	33.56 -0.58 0.00	37.83 -0.27 0.01	47.66 -0.37 4.50	55.16 -0.63 7.30	48.86 -1.06 5.81	41.48 -1.08 2.51	36.40 -1.32 0.00	33.39 -1.28 0.00	30.52 -1.44 0.00	29.04 -1.50 0.00	27.72 -1.80 0.00	28.36 -1.78 0.00	30.40 -1.74 0.00	36.52 -1.64 0.00	47.75 -1.58 0.00	54.32 -1.39 0.00	49.51 -1.69 0.00	43.25 -1.94 0.00	37.94 -1.54 0.00	35.15 -1.39 0.00
RUSSELL___4 23556	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	33.49 -0.65 0.00	33.56 -0.58 0.00	37.83 -0.27 0.01	47.66 -0.37 4.50	55.16 -0.63 7.30	48.86 -1.06 5.81	41.48 -1.08 2.51	36.40 -1.32 0.00	33.39 -1.28 0.00	30.52 -1.44 0.00	29.04 -1.50 0.00	27.72 -1.80 0.00	28.36 -1.78 0.00	30.40 -1.74 0.00	36.52 -1.64 0.00	47.75 -1.58 0.00	54.32 -1.39 0.00	49.51 -1.69 0.00	43.25 -1.94 0.00	37.94 -1.54 0.00	35.15 -1.39 0.00
RUSSELL___STATION 23914	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	33.49 -0.65 0.00	33.56 -0.58 0.00	37.83 -0.27 0.01	47.66 -0.37 4.50	55.16 -0.63 7.30	48.86 -1.06 5.81	41.48 -1.08 2.51	36.40 -1.32 0.00	33.39 -1.28 0.00	30.52 -1.44 0.00	29.04 -1.50 0.00	27.72 -1.80 0.00	28.36 -1.78 0.00	30.40 -1.74 0.00	36.52 -1.64 0.00	47.75 -1.58 0.00	54.32 -1.39 0.00	49.51 -1.69 0.00	43.25 -1.94 0.00	37.94 -1.54 0.00	35.15 -1.39 0.00
S SALMON___HYD 24043	37.13 -0.34 0.00	35.00 -0.32 0.00	33.90 -0.31 0.00	33.87 -0.27 0.00	33.83 -0.31 0.00	38.62 -0.31 -0.82	51.08 -0.21 1.24	60.57 -0.25 2.27	53.57 -0.50 1.66	44.05 -0.67 0.35	36.89 -0.83 0.00	33.78 -0.90 0.00	31.12 -0.83 0.00	29.68 -0.85 0.00	28.57 -0.95 0.00	29.26 -0.87 0.00	31.27 -0.87 0.00	37.63 -0.53 0.00	48.93 -0.40 0.00	55.55 -0.17 0.00	50.85 -0.36 0.00	44.74 -0.45 0.00	38.93 -0.55 0.00	36.06 -0.48 0.00
S.PERRY__115KV_TB1 80734	37.06 -0.41 0.00	34.96 -0.35 0.00	33.84 -0.38 0.00	34.00 -0.14 0.00	34.14 0.00 0.00	38.67 0.57 0.01	49.15 0.63 4.01	57.03 0.44 6.50	49.89 -0.67 5.17	41.67 -1.17 2.23	36.25 -1.47 0.00	33.22 -1.46 0.00	30.26 -1.69 0.00	28.79 -1.74 0.00	27.36 -2.15 0.00	28.14 -1.99 0.00	30.31 -1.83 0.00	36.83 -1.34 0.00	48.98 -0.35 0.00	56.27 0.56 0.00	51.20 0.00 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	35.92 -0.62 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.71 -1.76 0.00	33.69 -1.62 0.00	32.54 -1.68 0.00	32.78 -1.37 0.00	33.01 -1.13 0.00	37.41 -0.69 0.01	46.17 -2.10 4.26	52.91 -3.28 6.90	46.67 -3.57 5.49	39.68 -3.02 2.37	35.31 -2.41 0.00	32.49 -2.18 0.00	29.49 -2.46 0.00	28.09 -2.44 0.00	26.54 -2.98 0.00	27.30 -2.83 0.00	29.38 -2.76 0.00	35.19 -2.98 0.00	45.92 -3.40 0.00	52.21 -3.51 0.00	47.41 -3.79 0.00	41.22 -3.98 0.00	36.44 -3.04 0.00	34.09 -2.45 0.00

SAWYER___23_KV_LOAD 55526	35.71 -1.76 0.00	33.69 -1.62 0.00	32.54 -1.68 0.00	32.78 -1.37 0.00	33.01 -1.13 0.00	37.41 -0.69 0.01	46.17 -2.10 4.26	52.91 -3.28 6.90	46.67 -3.57 5.49	39.68 -3.02 2.37	35.31 -2.41 0.00	32.49 -2.18 0.00	29.49 -2.46 0.00	28.09 -2.44 0.00	26.54 -2.98 0.00	27.30 -2.83 0.00	29.38 -2.76 0.00	35.19 -2.98 0.00	45.92 -3.40 0.00	52.21 -3.51 0.00	47.41 -3.79 0.00	41.22 -3.98 0.00	36.44 -3.04 0.00	34.09 -2.45 0.00
SELKIRK___I 23801	38.26 0.79 0.00	36.02 0.71 0.00	34.93 0.72 0.00	34.86 0.72 0.00	34.96 0.82 0.00	39.02 0.91 0.00	52.15 1.21 1.59	61.90 1.39 2.58	54.96 1.28 2.05	45.18 0.99 0.88	38.48 0.75 0.00	35.37 0.69 0.00	32.56 0.61 0.00	31.18 0.64 0.00	30.20 0.68 0.00	30.83 0.69 0.00	32.88 0.74 0.00	39.00 0.84 0.00	50.56 1.23 0.00	57.44 1.73 0.00	52.48 1.28 0.00	46.32 1.13 0.00	40.51 1.02 0.00	37.52 0.99 0.00
SELKIRK___II 23799	38.07 0.60 0.00	35.85 0.53 0.00	34.76 0.55 0.00	34.69 0.54 0.00	34.75 0.62 0.00	38.83 0.72 0.00	51.89 0.95 1.59	61.66 1.14 2.57	54.80 1.11 2.05	45.14 0.95 0.88	38.52 0.79 0.00	35.48 0.80 0.00	32.69 0.74 0.00	31.30 0.76 0.00	30.31 0.80 0.00	30.95 0.81 0.00	32.97 0.83 0.00	39.00 0.84 0.00	50.46 1.14 0.00	57.27 1.56 0.00	52.33 1.13 0.00	46.15 0.95 0.00	40.35 0.87 0.00	37.34 0.80 0.00
SENECA OSWGO___HYD 24041	36.76 -0.71 0.00	34.71 -0.60 0.00	33.63 -0.58 0.00	33.59 -0.55 0.00	33.53 -0.61 0.00	37.46 -0.65 0.00	50.23 -0.79 1.52	59.68 -0.94 2.47	52.88 -0.89 1.96	43.37 -0.86 0.85	36.86 -0.87 0.00	33.88 -0.80 0.00	31.25 -0.70 0.00	29.80 -0.73 0.00	28.69 -0.83 0.00	29.35 -0.78 0.00	31.34 -0.80 0.00	37.55 -0.61 0.00	48.49 -0.84 0.00	55.05 -0.67 0.00	50.28 -0.92 0.00	44.29 -0.90 0.00	38.62 -0.87 0.00	35.77 -0.77 0.00
SENECA___115KV_TB3 355854	36.12 -1.35 0.00	34.08 -1.24 0.00	32.91 -1.30 0.00	33.19 -0.96 0.00	33.42 -0.72 0.00	37.91 -0.19 0.01	46.50 -1.84 4.20	53.39 -2.90 6.80	47.09 -3.23 5.41	39.90 -2.84 2.34	35.80 -1.92 0.00	32.94 -1.73 0.00	29.91 -2.05 0.00	28.46 -2.08 0.00	26.89 -2.63 0.00	27.63 -2.50 0.00	29.73 -2.41 0.00	35.68 -2.48 0.00	46.61 -2.71 0.00	53.04 -2.67 0.00	48.18 -3.02 0.00	41.80 -3.39 0.00	36.96 -2.53 0.00	34.53 -2.01 0.00
SENECA___ENERGY 23797	36.98 -0.49 0.00	34.89 -0.42 0.00	33.80 -0.41 0.00	33.83 -0.31 0.00	33.90 -0.24 0.00	38.06 -0.04 0.01	49.40 0.00 3.13	57.82 -0.19 5.08	51.36 -0.33 4.04	42.74 -0.59 1.74	37.00 -0.72 0.00	33.91 -0.76 0.00	31.16 -0.80 0.00	29.68 -0.85 0.00	28.46 -1.06 0.00	29.14 -0.99 0.00	31.14 -1.00 0.00	37.48 -0.69 0.00	48.83 -0.49 0.00	55.55 -0.17 0.00	50.74 -0.46 0.00	44.56 -0.63 0.00	38.81 -0.67 0.00	35.92 -0.62 0.00
SHOEMAKER___GT 23640	38.37 0.90 0.00	36.13 0.81 0.00	35.00 0.79 0.00	34.93 0.79 0.00	35.02 0.89 0.00	39.21 1.11 0.00	52.50 1.63 1.66	62.36 1.96 2.69	55.37 1.78 2.14	45.68 1.53 0.92	39.04 1.32 0.00	35.89 1.21 0.00	33.04 1.09 0.00	31.60 1.07 0.00	30.70 1.18 0.00	31.34 1.21 0.00	33.36 1.22 0.00	39.62 1.45 0.00	51.30 1.98 0.00	58.39 2.67 0.00	53.20 1.99 0.00	46.78 1.58 0.00	40.87 1.38 0.00	37.74 1.20 0.00
SHOEMAKR_138KV_BK 111 55601	38.33 0.86 0.00	36.13 0.81 0.00	35.00 0.79 0.00	34.93 0.79 0.00	35.03 0.89 0.00	39.17 1.07 0.00	52.50 1.63 1.66	62.36 1.96 2.69	55.43 1.84 2.14	45.72 1.58 0.92	39.08 1.36 0.00	35.93 1.25 0.00	33.07 1.12 0.00	31.63 1.10 0.00	30.73 1.21 0.00	31.37 1.24 0.00	33.39 1.25 0.00	39.62 1.45 0.00	51.30 1.97 0.00	58.39 2.67 0.00	53.20 2.00 0.00	46.82 1.63 0.00	40.87 1.38 0.00	37.71 1.17 0.00
SHOREHAM_IC_1 23715	38.52 1.05 0.00	36.06 0.74 0.00	34.97 0.75 0.00	34.79 0.65 0.00	34.96 0.82 0.00	39.21 1.11 0.00	52.41 1.52 1.64	62.82 2.40 2.67	55.50 1.90 2.12	46.36 2.21 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.43 1.47 0.00	32.52 1.98 0.00	31.85 2.33 0.00	32.21 2.08 0.00	34.10 1.96 0.00	40.69 2.52 -0.01	51.84 2.51 0.00	59.23 3.51 0.00	53.56 2.36 0.00	47.59 2.39 0.00	41.73 2.25 0.00	38.18 1.65 0.00
SHOREHAM_IC_2 23716	38.52 1.05 0.00	36.06 0.74 0.00	34.97 0.75 0.00	34.79 0.65 0.00	34.96 0.82 0.00	39.21 1.11 0.00	52.41 1.52 1.64	62.82 2.40 2.67	55.50 1.90 2.12	46.36 2.21 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.43 1.47 0.00	32.52 1.98 0.00	31.85 2.33 0.00	32.21 2.08 0.00	34.10 1.96 0.00	40.69 2.52 -0.01	51.84 2.51 0.00	59.23 3.51 0.00	53.56 2.36 0.00	47.59 2.39 0.00	41.73 2.25 0.00	38.18 1.65 0.00
SISSONVILLE____ 23735	36.87 -0.60 0.00	34.75 -0.57 0.00	33.67 -0.55 0.00	33.42 -0.72 0.00	33.39 -0.75 0.00	43.64 -0.95 -6.48	58.61 -1.52 -7.60	71.29 -2.15 -10.34	62.88 -2.23 -9.38	50.39 -1.62 -6.94	36.48 -1.24 0.00	33.36 -1.32 0.00	30.90 -1.21 -0.16	34.49 -1.16 -5.12	33.39 -1.12 -4.99	33.96 -1.24 -5.07	36.14 -1.32 -5.32	36.60 -1.56 0.00	47.60 -1.73 0.00	53.49 -2.23 0.00	49.82 -1.38 0.00	44.16 -1.04 0.00	38.50 -0.99 0.00	35.70 -0.84 0.00
SITHE_IND_GS1 24169	36.35 -1.12 0.00	34.29 -1.03 0.00	33.22 -0.99 0.00	33.19 -0.96 0.00	33.08 -1.06 0.00	36.86 -1.22 0.03	37.72 -1.63 13.18	39.77 -1.96 21.37	36.95 -1.79 16.99	36.20 -1.53 7.34	36.37 -1.36 0.00	33.50 -1.18 0.00	30.96 -0.99 0.00	29.53 -1.01 0.00	28.46 -1.06 0.00	29.08 -1.06 0.00	31.05 -1.09 0.00	37.06 -1.11 0.00	47.74 -1.58 0.00	54.16 -1.56 0.00	49.56 -1.64 0.00	43.70 -1.49 0.00	38.14 -1.34 0.00	35.33 -1.20 0.00
SITHE_IND_GS2 24170	36.35 -1.12 0.00	34.29 -1.03 0.00	33.22 -0.99 0.00	33.19 -0.96 0.00	33.08 -1.06 0.00	36.86 -1.22 0.03	37.72 -1.63 13.18	39.77 -1.96 21.37	36.95 -1.79 16.99	36.20 -1.53 7.34	36.37 -1.36 0.00	33.50 -1.18 0.00	30.96 -0.99 0.00	29.53 -1.01 0.00	28.46 -1.06 0.00	29.08 -1.06 0.00	31.05 -1.09 0.00	37.06 -1.11 0.00	47.74 -1.58 0.00	54.16 -1.56 0.00	49.56 -1.64 0.00	43.70 -1.49 0.00	38.14 -1.34 0.00	35.33 -1.20 0.00
SITHE_IND_GS3 24171	36.35 -1.12 0.00	34.29 -1.03 0.00	33.22 -0.99 0.00	33.19 -0.96 0.00	33.08 -1.06 0.00	36.86 -1.22 0.03	37.72 -1.63 13.18	39.77 -1.96 21.37	36.95 -1.79 16.99	36.20 -1.53 7.34	36.37 -1.36 0.00	33.50 -1.18 0.00	30.96 -0.99 0.00	29.53 -1.01 0.00	28.46 -1.06 0.00	29.08 -1.06 0.00	31.05 -1.09 0.00	37.06 -1.11 0.00	47.74 -1.58 0.00	54.16 -1.56 0.00	49.56 -1.64 0.00	43.70 -1.49 0.00	38.14 -1.34 0.00	35.33 -1.20 0.00
SITHE_IND_GS4 24172	36.35 -1.12 0.00	34.29 -1.03 0.00	33.22 -0.99 0.00	33.19 -0.96 0.00	33.08 -1.06 0.00	36.86 -1.22 0.03	37.72 -1.63 13.18	39.77 -1.96 21.37	36.95 -1.79 16.99	36.20 -1.53 7.34	36.37 -1.36 0.00	33.50 -1.18 0.00	30.96 -0.99 0.00	29.53 -1.01 0.00	28.46 -1.06 0.00	29.08 -1.06 0.00	31.05 -1.09 0.00	37.06 -1.11 0.00	47.74 -1.58 0.00	54.16 -1.56 0.00	49.56 -1.64 0.00	43.70 -1.49 0.00	38.14 -1.34 0.00	35.33 -1.20 0.00

SITHE___BATAVIA 24024	36.57 -0.90 0.00	34.54 -0.78 0.00	33.39 -0.82 0.00	33.59 -0.55 0.00	33.76 -0.37 0.00	38.25 0.15 0.01	47.90 -0.26 4.37	55.37 -0.63 7.09	48.70 -1.39 5.64	41.19 -1.44 2.43	36.17 -1.55 0.00	33.15 -1.52 0.00	30.23 -1.73 0.00	28.64 -1.89 0.00	27.18 -2.33 0.00	27.81 -2.32 0.00	29.92 -2.22 0.00	36.07 -2.10 0.00	47.50 -1.82 0.00	54.10 -1.62 0.00	49.26 -1.95 0.00	43.07 -2.12 0.00	37.79 -1.70 0.00	35.04 -1.50 0.00
SITHE___INDEPEND 23800	36.35 -1.12 0.00	34.29 -1.02 0.00	33.22 -0.99 0.00	33.19 -0.96 0.00	33.08 -1.06 0.00	36.86 -1.22 0.03	37.72 -1.63 13.18	39.77 -1.96 21.37	36.95 -1.78 16.99	36.20 -1.53 7.34	36.36 -1.36 0.00	33.46 -1.21 0.00	30.93 -1.02 0.00	29.53 -1.01 0.00	28.45 -1.06 0.00	29.08 -1.05 0.00	31.05 -1.09 0.00	37.06 -1.11 0.00	47.75 -1.58 0.00	54.21 -1.50 0.00	49.57 -1.64 0.00	43.66 -1.54 0.00	38.14 -1.34 0.00	35.33 -1.21 0.00
SITHE___MASSENA 23902	37.59 0.11 0.00	35.39 0.07 0.00	34.32 0.10 0.00	34.11 -0.03 0.00	34.04 -0.10 0.00	39.42 -0.19 -1.51	53.53 -0.42 -1.42	63.71 -0.44 -1.05	56.20 -0.56 -1.02	45.95 -0.54 -1.42	37.46 -0.26 0.00	34.33 -0.35 0.00	31.66 -0.32 -0.03	31.12 -0.31 -0.89	30.09 -0.30 -0.87	30.62 -0.39 -0.88	32.61 -0.45 -0.92	37.59 -0.57 0.00	48.68 -0.64 0.00	54.60 -1.11 0.00	50.79 -0.41 0.00	45.01 -0.18 0.00	39.33 -0.16 0.00	36.43 -0.11 0.00
SITHE___OGDNSBRG 24021	37.88 0.41 0.00	35.70 0.39 0.00	34.59 0.38 0.00	34.35 0.20 0.00	34.31 0.17 0.00	42.73 0.08 -4.55	57.68 -0.05 -5.20	69.63 -0.19 -6.73	61.20 -0.67 -6.14	49.24 -0.63 -4.79	37.31 -0.41 0.00	34.12 -0.55 0.00	31.52 -0.54 -0.11	33.49 -0.52 -3.48	32.43 -0.47 -3.39	33.00 -0.57 -3.44	35.14 -0.61 -3.61	37.52 -0.65 0.00	48.88 -0.44 0.00	54.99 -0.72 0.00	51.26 0.05 0.00	45.42 0.23 0.00	39.64 0.16 0.00	36.68 0.15 0.00
SITHE___STERLING 23777	38.34 0.86 0.00	36.13 0.81 0.00	35.00 0.79 0.00	34.93 0.79 0.00	34.96 0.82 0.00	39.09 0.99 0.01	51.48 1.52 2.58	60.73 1.83 4.19	53.84 1.45 3.33	44.54 0.90 1.44	38.29 0.57 0.00	34.99 0.31 0.00	32.24 0.29 0.00	30.75 0.22 0.00	29.66 0.15 0.00	30.37 0.24 0.00	32.43 0.29 0.00	38.81 0.65 0.00	50.51 1.18 0.00	57.61 1.90 0.00	52.64 1.43 0.00	46.37 1.17 0.00	40.39 0.91 0.00	37.34 0.80 0.00
SLEIGHT__34_KV_TB1 80719	36.57 -0.90 0.00	34.54 -0.78 0.00	33.43 -0.79 0.00	33.49 -0.65 0.00	33.52 -0.61 0.00	37.72 -0.38 0.01	48.09 -0.37 4.07	55.98 -0.50 6.61	49.69 -0.78 5.26	41.95 -0.86 2.27	36.59 -1.13 0.00	33.53 -1.14 0.00	30.71 -1.25 0.00	29.25 -1.28 0.00	27.98 -1.53 0.00	28.63 -1.51 0.00	30.66 -1.48 0.00	36.87 -1.30 0.00	48.09 -1.23 0.00	54.71 -1.00 0.00	49.87 -1.33 0.00	43.70 -1.49 0.00	38.14 -1.34 0.00	35.33 -1.21 0.00
SOUTH CAIRO___GT 23612	39.08 1.61 0.00	36.83 1.52 0.00	35.68 1.47 0.00	35.61 1.47 0.00	35.71 1.57 0.00	40.01 1.91 0.00	53.71 2.78 1.60	63.53 3.03 2.60	56.17 2.51 2.07	45.76 1.58 0.89	38.78 1.06 0.00	35.61 0.94 0.00	32.72 0.77 0.00	31.30 0.76 0.00	30.31 0.80 0.00	31.04 0.90 0.00	33.17 1.03 0.00	39.46 1.30 0.00	51.69 2.37 0.00	59.11 3.40 0.00	53.82 2.61 0.00	47.45 2.26 0.00	41.42 1.93 0.00	38.44 1.90 0.00
SOUTH HAMPTN___IC 23720	38.90 1.42 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.03 0.89 0.00	35.13 0.99 0.00	39.47 1.37 0.00	52.83 1.94 1.64	63.39 2.97 2.67	56.06 2.45 2.12	46.63 2.48 0.92	39.65 1.92 0.00	36.48 1.80 0.00	33.49 1.53 0.00	32.58 2.05 0.00	31.88 2.36 0.00	32.21 2.08 0.00	34.17 2.03 0.00	40.80 2.63 -0.01	52.09 2.76 0.00	59.56 3.84 0.00	53.81 2.61 0.00	47.81 2.62 0.00	41.85 2.37 0.00	38.40 1.86 0.00
SOUTHDOW_115KV_TB1 355954	36.61 -0.86 0.00	34.54 -0.78 0.00	33.49 -0.72 0.00	33.87 -0.27 0.00	34.21 0.07 0.00	38.97 0.88 0.01	48.08 -0.42 4.03	55.73 -0.82 6.54	49.14 -1.39 5.20	41.34 -1.49 2.25	37.31 -0.41 0.00	34.30 -0.38 0.00	31.06 -0.89 0.00	29.47 -1.07 0.00	27.75 -1.77 0.00	28.48 -1.66 0.00	30.60 -1.54 0.00	36.98 -1.18 0.00	48.49 -0.84 0.00	55.16 -0.56 0.00	49.77 -1.43 0.00	42.89 -2.30 0.00	37.67 -1.82 0.00	35.08 -1.46 0.00
SOUTHOLD_69_KV_BK 2 55809	39.16 1.69 0.00	36.59 1.27 0.00	35.31 1.09 0.00	34.96 0.82 0.00	35.06 0.92 0.00	39.44 1.33 0.00	52.99 2.10 1.64	63.83 3.41 2.67	56.40 2.79 2.12	46.63 2.48 0.92	39.53 1.81 0.00	36.24 1.56 0.00	33.27 1.31 0.00	32.40 1.86 0.00	31.73 2.21 0.00	32.00 1.87 0.00	33.94 1.80 0.00	40.68 2.52 0.00	51.94 2.61 0.00	59.39 3.68 0.00	53.66 2.46 0.00	47.77 2.58 0.00	41.66 2.17 0.00	38.77 2.23 0.00
SOUTHOLD___IC 23719	39.16 1.69 0.00	36.58 1.27 0.00	35.31 1.09 0.00	34.96 0.82 0.00	35.06 0.92 0.00	39.44 1.33 0.00	52.88 2.00 1.64	63.64 3.22 2.67	56.23 2.62 2.12	46.63 2.48 0.92	39.42 1.70 0.00	36.20 1.52 0.00	33.27 1.31 0.00	32.40 1.86 0.00	31.73 2.21 0.00	31.97 1.84 0.00	33.91 1.77 0.00	40.58 2.41 -0.01	51.94 2.61 0.00	59.39 3.68 0.00	53.66 2.46 0.00	47.63 2.44 0.00	41.62 2.13 0.00	38.40 1.86 0.00
SOUTH_FORK_WT_PWR 323839	39.01 1.54 0.00	36.41 1.10 0.00	35.03 0.82 0.00	34.62 0.48 0.00	34.72 0.58 0.00	39.02 0.91 0.00	52.35 1.47 1.64	63.08 2.65 2.67	55.84 2.23 2.12	46.27 2.12 0.92	38.93 1.21 0.00	35.75 1.08 0.00	32.85 0.89 0.00	32.06 1.53 0.00	31.38 1.86 0.00	31.58 1.45 0.00	33.43 1.29 0.00	40.01 1.83 -0.01	51.20 1.87 0.00	58.61 2.90 0.00	52.89 1.69 0.00	46.96 1.76 0.00	41.07 1.58 0.00	38.04 1.50 0.00
SPIERFLS_115KV_TB 1 80737	38.22 0.75 0.00	35.95 0.64 0.00	34.83 0.62 0.00	34.76 0.61 0.00	34.86 0.72 0.00	39.06 0.95 0.00	52.55 1.63 1.61	62.57 2.08 2.61	55.66 2.01 2.07	45.57 1.40 0.90	38.74 1.02 0.00	35.41 0.73 0.00	32.53 0.58 0.00	31.02 0.49 0.00	30.05 0.53 0.00	30.65 0.51 0.00	32.88 0.74 0.00	39.20 1.03 0.00	51.00 1.68 0.00	57.94 2.23 0.00	52.89 1.69 0.00	47.77 2.58 0.00	41.70 2.21 0.00	38.55 2.01 0.00
ST LAWRENCE____ 23600	37.29 -0.19 0.00	35.14 -0.18 0.00	34.04 -0.17 0.00	33.90 -0.24 0.00	33.83 -0.31 0.00	37.65 -0.46 0.00	51.33 -0.74 0.46	61.54 -0.82 0.74	54.31 -0.83 0.59	44.14 -0.67 0.26	37.31 -0.41 0.00	34.23 -0.45 0.00	31.54 -0.42 0.00	30.14 -0.40 0.00	29.13 -0.38 0.00	29.68 -0.45 0.00	31.62 -0.52 0.00	37.52 -0.65 0.00	48.53 -0.79 0.00	54.32 -1.39 0.00	50.54 -0.67 0.00	44.79 -0.41 0.00	39.17 -0.32 0.00	36.24 -0.29 0.00
STATE_CA_115KV_115_LB 55624	38.11 0.64 0.00	35.88 0.57 0.00	34.80 0.58 0.00	34.72 0.58 0.00	34.86 0.72 0.00	38.90 0.80 0.00	51.93 1.00 1.60	61.76 1.26 2.59	54.95 1.28 2.06	45.26 1.08 0.89	38.63 0.91 0.00	35.61 0.94 0.00	32.82 0.86 0.00	31.42 0.89 0.00	30.43 0.92 0.00	31.04 0.90 0.00	33.10 0.96 0.00	39.08 0.92 0.00	50.56 1.23 0.00	57.44 1.73 0.00	52.43 1.23 0.00	46.28 1.08 0.00	40.47 0.99 0.00	37.45 0.91 0.00

STATE_ST_34_KV_LOAD 55959	37.36 -0.11 0.00	35.24 -0.07 0.00	34.11 -0.10 0.00	34.14 0.00 0.00	34.14 0.00 0.00	38.22 0.11 0.01	49.95 0.37 2.95	58.76 0.44 4.78	52.21 0.28 3.80	43.34 -0.09 1.64	37.46 -0.26 0.00	34.37 -0.31 0.00	31.60 -0.35 0.00	30.14 -0.40 0.00	28.93 -0.59 0.00	29.62 -0.51 0.00	31.66 -0.48 0.00	38.05 -0.11 0.00	49.42 0.10 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.10 -0.09 0.00	39.25 -0.24 0.00	36.32 -0.22 0.00
STATION 5_MISC_HYD 23604	36.38 -1.09 0.00	34.36 -0.95 0.00	33.22 -0.99 0.00	33.36 -0.78 0.00	33.42 -0.72 0.00	37.64 -0.46 0.01	47.40 -0.63 4.50	54.85 -0.94 7.30	48.58 -1.34 5.81	41.30 -1.26 2.51	36.25 -1.47 0.00	33.25 -1.42 0.00	30.49 -1.47 0.00	28.95 -1.59 0.00	27.66 -1.86 0.00	28.26 -1.87 0.00	30.31 -1.83 0.00	36.37 -1.79 0.00	47.50 -1.82 0.00	53.99 -1.73 0.00	49.21 -2.00 0.00	43.16 -2.03 0.00	37.83 -1.66 0.00	35.04 -1.50 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.06 -0.41 0.00	35.00 -0.32 0.00	33.87 -0.34 0.00	33.94 -0.20 0.00	33.97 -0.17 0.00	38.21 0.11 0.01	49.11 0.26 3.68	57.38 0.25 5.97	50.87 -0.11 4.75	42.62 -0.41 2.05	37.04 -0.68 0.00	33.91 -0.76 0.00	31.09 -0.86 0.00	29.59 -0.95 0.00	28.34 -1.18 0.00	28.96 -1.18 0.00	31.01 -1.12 0.00	37.33 -0.84 0.00	48.88 -0.44 0.00	55.60 -0.11 0.00	50.74 -0.46 0.00	44.38 -0.81 0.00	38.73 -0.75 0.00	35.84 -0.69 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.24 -1.24 0.00	34.22 -1.09 0.00	33.08 -1.13 0.00	33.19 -0.96 0.00	33.25 -0.89 0.00	37.45 -0.65 0.01	47.22 -0.84 4.47	54.64 -1.20 7.25	48.46 -1.50 5.77	41.14 -1.44 2.49	36.10 -1.62 0.00	33.15 -1.53 0.00	30.33 -1.63 0.00	28.89 -1.65 0.00	27.57 -1.95 0.00	28.20 -1.93 0.00	30.24 -1.90 0.00	36.30 -1.87 0.00	47.40 -1.92 0.00	53.88 -1.84 0.00	49.10 -2.10 0.00	42.93 -2.26 0.00	37.63 -1.86 0.00	34.89 -1.64 0.00
STA_56___34_KV_BUS2 355983	36.24 -1.24 0.00	34.22 -1.09 0.00	33.08 -1.13 0.00	33.19 -0.96 0.00	33.25 -0.89 0.00	37.45 -0.65 0.01	47.22 -0.84 4.47	54.64 -1.20 7.25	48.46 -1.50 5.77	41.14 -1.44 2.49	36.10 -1.62 0.00	33.15 -1.53 0.00	30.33 -1.63 0.00	28.89 -1.65 0.00	27.57 -1.95 0.00	28.20 -1.93 0.00	30.24 -1.90 0.00	36.30 -1.87 0.00	47.40 -1.92 0.00	53.88 -1.84 0.00	49.10 -2.10 0.00	42.93 -2.26 0.00	37.63 -1.86 0.00	34.89 -1.64 0.00
STA_67___115KV_BK2 355882	36.31 -1.16 0.00	34.29 -1.02 0.00	33.15 -1.06 0.00	33.29 -0.85 0.00	33.35 -0.79 0.00	37.56 -0.53 0.01	47.29 -0.74 4.51	54.65 -1.14 7.31	48.47 -1.45 5.81	41.16 -1.40 2.51	36.14 -1.58 0.00	33.19 -1.49 0.00	30.33 -1.63 0.00	28.89 -1.65 0.00	27.57 -1.95 0.00	28.20 -1.93 0.00	30.28 -1.86 0.00	36.30 -1.87 0.00	47.40 -1.92 0.00	53.88 -1.84 0.00	49.10 -2.10 0.00	42.93 -2.26 0.00	37.67 -1.82 0.00	34.93 -1.61 0.00
STA_7___115KV_9TRANS 80674	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	33.49 -0.65 0.00	33.56 -0.58 0.00	37.83 -0.27 0.01	47.66 -0.37 4.50	55.16 -0.63 7.30	48.86 -1.06 5.81	41.48 -1.08 2.51	36.40 -1.32 0.00	33.39 -1.28 0.00	30.52 -1.44 0.00	29.04 -1.50 0.00	27.72 -1.80 0.00	28.36 -1.78 0.00	30.40 -1.74 0.00	36.52 -1.64 0.00	47.75 -1.58 0.00	54.32 -1.39 0.00	49.51 -1.69 0.00	43.25 -1.94 0.00	37.94 -1.54 0.00	35.15 -1.39 0.00
STA_82___115KV_TB1 80780	36.35 -1.12 0.00	34.29 -1.02 0.00	33.15 -1.06 0.00	33.29 -0.85 0.00	33.35 -0.79 0.00	37.56 -0.53 0.01	47.31 -0.74 4.49	54.68 -1.14 7.28	48.49 -1.45 5.79	41.18 -1.40 2.50	36.14 -1.58 0.00	33.19 -1.49 0.00	30.33 -1.63 0.00	28.89 -1.65 0.00	27.57 -1.95 0.00	28.20 -1.93 0.00	30.28 -1.86 0.00	36.30 -1.87 0.00	47.40 -1.92 0.00	53.88 -1.84 0.00	49.10 -2.10 0.00	42.93 -2.26 0.00	37.67 -1.82 0.00	34.93 -1.61 0.00
STEEL___WIND 323596	36.09 -1.39 0.00	34.05 -1.27 0.00	32.88 -1.33 0.00	33.15 -0.99 0.00	33.39 -0.75 0.00	37.87 -0.23 0.01	46.45 -1.89 4.20	53.33 -2.96 6.80	47.03 -3.29 5.41	39.90 -2.84 2.34	35.80 -1.92 0.00	32.94 -1.73 0.00	30.01 -1.95 0.00	28.43 -2.11 0.00	26.89 -2.63 0.00	27.60 -2.53 0.00	29.70 -2.44 0.00	35.69 -2.48 0.00	46.56 -2.76 0.00	52.93 -2.78 0.00	48.13 -3.07 0.00	41.99 -3.21 0.00	37.04 -2.45 0.00	34.60 -1.94 0.00
STEPHTWN_115KV_BK_2 55603	38.30 0.82 0.00	36.06 0.74 0.00	34.97 0.75 0.00	34.93 0.79 0.00	35.03 0.89 0.00	39.09 0.99 0.00	52.30 1.37 1.59	62.22 1.70 2.58	55.35 1.67 2.05	45.49 1.31 0.89	38.78 1.06 0.00	35.75 1.07 0.00	32.91 0.96 0.00	31.51 0.98 0.00	30.52 1.00 0.00	31.16 1.02 0.00	33.23 1.09 0.00	39.31 1.14 0.00	50.90 1.58 0.00	57.83 2.12 0.00	52.74 1.54 0.00	46.60 1.40 0.00	40.71 1.22 0.00	37.67 1.13 0.00
STEUBEN_REC_LFGE 323667	35.75 -1.72 0.00	33.62 -1.70 0.00	32.54 -1.68 0.00	32.71 -1.43 0.00	32.91 -1.23 0.00	37.38 -0.72 0.01	47.42 -1.58 3.54	55.09 -2.27 5.74	48.49 -2.68 4.56	40.49 -2.61 1.97	35.50 -2.23 0.00	32.60 -2.08 0.00	29.69 -2.27 0.00	28.31 -2.23 0.00	26.71 -2.80 0.00	27.69 -2.44 0.00	29.83 -2.31 0.00	36.41 -1.76 0.00	48.59 -0.74 0.00	55.99 0.28 0.00	50.74 -0.46 0.00	44.02 -1.18 0.00	38.22 -1.26 0.00	35.40 -1.13 0.00
STILLWATER___SOLAR 323814	38.75 1.27 0.00	36.45 1.13 0.00	35.31 1.09 0.00	35.23 1.09 0.00	35.37 1.23 0.00	39.55 1.45 0.00	53.08 2.15 1.61	63.20 2.71 2.60	56.22 2.56 2.07	46.07 1.89 0.89	39.19 1.47 0.00	35.89 1.21 0.00	32.98 1.02 0.00	31.51 0.98 0.00	30.52 1.00 0.00	31.16 1.03 0.00	33.36 1.22 0.00	39.69 1.53 0.00	51.40 2.07 0.00	58.39 2.67 0.00	53.30 2.10 0.00	47.36 2.17 0.00	41.42 1.93 0.00	38.29 1.75 0.00
STONY___BROOK 24151	39.16 1.69 0.00	36.66 1.34 0.00	35.58 1.37 0.00	35.44 1.30 0.00	35.57 1.43 0.00	39.97 1.87 0.00	53.41 2.52 1.64	63.90 3.47 2.67	56.50 2.90 2.12	47.04 2.89 0.92	40.14 2.42 0.00	37.00 2.32 0.00	33.94 1.98 0.00	32.76 2.23 0.00	32.08 2.57 0.00	32.54 2.41 0.00	34.65 2.51 0.00	41.30 3.13 -0.01	52.78 3.45 0.00	60.29 4.57 0.00	54.53 3.33 0.00	48.45 3.26 0.00	42.29 2.80 0.00	38.84 2.30 0.00
STURGEON_POOL_HYD 23609	38.71 1.24 0.00	36.48 1.17 0.00	35.31 1.09 0.00	35.27 1.13 0.00	35.37 1.23 0.00	39.59 1.49 0.00	53.15 2.26 1.64	63.15 2.71 2.66	56.12 2.51 2.12	46.28 2.12 0.91	39.50 1.77 0.00	36.34 1.66 0.00	33.43 1.47 0.00	31.97 1.44 0.00	31.08 1.56 0.00	31.73 1.60 0.00	33.78 1.64 0.00	40.07 1.91 0.00	51.89 2.56 0.00	59.11 3.40 0.00	53.82 2.61 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.14 1.61 0.00
ST_LAW_115_BK7_LBMP 345037	37.29 -0.19 0.00	35.14 -0.18 0.00	34.04 -0.17 0.00	33.87 -0.27 0.00	33.83 -0.31 0.00	37.65 -0.46 0.00	51.26 -0.79 0.48	61.45 -0.88 0.76	54.23 -0.89 0.61	44.08 -0.72 0.27	37.27 -0.45 0.00	34.23 -0.45 0.00	31.51 -0.45 0.00	30.14 -0.40 0.00	29.13 -0.38 0.00	29.65 -0.48 0.00	31.59 -0.55 0.00	37.48 -0.69 0.00	48.49 -0.84 0.00	54.27 -1.45 0.00	50.49 -0.72 0.00	44.74 -0.45 0.00	39.13 -0.36 0.00	36.24 -0.29 0.00

ST_LAW_115_BK8_LBMP 345038	37.29 -0.19 0.00	35.14 -0.18 0.00	34.04 -0.17 0.00	33.87 -0.27 0.00	33.83 -0.31 0.00	37.65 -0.46 0.00	51.26 -0.79 0.48	61.45 -0.88 0.76	54.23 -0.89 0.61	44.08 -0.72 0.27	37.27 -0.45 0.00	34.23 -0.45 0.00	31.51 -0.45 0.00	30.14 -0.40 0.00	29.13 -0.38 0.00	29.65 -0.48 0.00	31.59 -0.55 0.00	37.48 -0.69 0.00	48.49 -0.84 0.00	54.27 -1.45 0.00	50.49 -0.72 0.00	44.74 -0.45 0.00	39.13 -0.36 0.00	36.24 -0.29 0.00
ST_LAW_230_BK5_LBMP 345035	37.29 -0.19 0.00	35.14 -0.18 0.00	34.04 -0.17 0.00	33.90 -0.24 0.00	33.83 -0.31 0.00	37.65 -0.46 0.00	51.35 -0.74 0.44	61.56 -0.82 0.71	54.33 -0.83 0.56	44.15 -0.67 0.25	37.31 -0.41 0.00	34.23 -0.45 0.00	31.54 -0.42 0.00	30.14 -0.40 0.00	29.13 -0.38 0.00	29.68 -0.45 0.00	31.62 -0.52 0.00	37.52 -0.65 0.00	48.53 -0.79 0.00	54.32 -1.39 0.00	50.54 -0.67 0.00	44.79 -0.41 0.00	39.17 -0.32 0.00	36.24 -0.29 0.00
ST_LAW_230_BK6_LBMP 345036	37.29 -0.19 0.00	35.14 -0.18 0.00	34.04 -0.17 0.00	33.90 -0.24 0.00	33.83 -0.31 0.00	37.65 -0.46 0.00	51.35 -0.74 0.44	61.56 -0.82 0.71	54.33 -0.83 0.56	44.15 -0.67 0.25	37.31 -0.41 0.00	34.23 -0.45 0.00	31.54 -0.42 0.00	30.14 -0.40 0.00	29.13 -0.38 0.00	29.68 -0.45 0.00	31.62 -0.52 0.00	37.52 -0.65 0.00	48.53 -0.79 0.00	54.32 -1.39 0.00	50.54 -0.67 0.00	44.79 -0.41 0.00	39.17 -0.32 0.00	36.24 -0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.45 0.97 0.00	36.20 0.88 0.00	35.07 0.86 0.00	34.99 0.85 0.00	35.09 0.96 0.00	39.28 1.18 0.00	52.71 1.84 1.66	62.68 2.27 2.69	55.71 2.12 2.14	46.00 1.85 0.92	39.31 1.58 0.00	36.13 1.46 0.00	33.27 1.31 0.00	31.82 1.28 0.00	30.90 1.39 0.00	31.55 1.42 0.00	33.59 1.45 0.00	39.84 1.68 0.00	51.54 2.22 0.00	58.72 3.01 0.00	53.46 2.25 0.00	47.05 1.85 0.00	41.06 1.58 0.00	37.85 1.32 0.00
SWANROAD_115KV_TB1 355699	34.92 -2.55 0.00	32.95 -2.37 0.00	31.82 -2.39 0.00	32.09 -2.05 0.00	32.30 -1.84 0.00	36.61 -1.49 0.01	45.14 -3.10 4.29	51.60 -4.54 6.95	45.52 -4.68 5.53	38.85 -3.83 2.39	34.40 -3.32 0.00	31.66 -3.02 0.00	28.73 -3.23 0.00	27.39 -3.15 0.00	25.86 -3.66 0.00	26.61 -3.53 0.00	28.64 -3.50 0.00	34.31 -3.85 0.00	44.74 -4.59 0.00	50.87 -4.85 0.00	46.24 -4.97 0.00	40.22 -4.97 0.00	35.58 -3.91 0.00	33.29 -3.25 0.00
SYNERGY___BIOGAS 323694	36.57 -0.90 0.00	34.54 -0.78 0.00	33.39 -0.82 0.00	33.59 -0.55 0.00	33.76 -0.37 0.00	38.25 0.15 0.01	47.90 -0.26 4.37	55.37 -0.63 7.09	48.70 -1.39 5.64	41.19 -1.44 2.43	36.17 -1.55 0.00	33.15 -1.52 0.00	30.23 -1.73 0.00	28.64 -1.89 0.00	27.18 -2.33 0.00	27.81 -2.32 0.00	29.92 -2.22 0.00	36.07 -2.10 0.00	47.50 -1.82 0.00	54.10 -1.62 0.00	49.26 -1.95 0.00	43.07 -2.12 0.00	37.79 -1.70 0.00	35.04 -1.50 0.00
SYRACUSE___ENERGY_ST1 323597	37.29 -0.19 0.00	35.17 -0.14 0.00	34.08 -0.14 0.00	34.07 -0.07 0.00	34.04 -0.10 0.00	38.02 -0.08 0.01	49.83 0.05 2.75	58.70 0.06 4.46	52.13 -0.06 3.55	43.36 -0.18 1.53	37.38 -0.34 0.00	34.33 -0.35 0.00	31.64 -0.32 0.00	30.17 -0.37 0.00	29.01 -0.50 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.05 -0.11 0.00	49.23 -0.10 0.00	55.94 0.22 0.00	51.05 -0.15 0.00	44.92 -0.27 0.00	39.13 -0.36 0.00	36.28 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	37.29 -0.19 0.00	35.17 -0.14 0.00	34.08 -0.14 0.00	34.07 -0.07 0.00	34.04 -0.10 0.00	38.02 -0.08 0.01	49.83 0.05 2.75	58.70 0.06 4.46	52.13 -0.06 3.55	43.36 -0.18 1.53	37.38 -0.34 0.00	34.33 -0.35 0.00	31.64 -0.32 0.00	30.17 -0.37 0.00	29.01 -0.50 0.00	29.68 -0.45 0.00	31.72 -0.42 0.00	38.05 -0.11 0.00	49.23 -0.10 0.00	55.94 0.22 0.00	51.05 -0.15 0.00	44.92 -0.27 0.00	39.13 -0.36 0.00	36.28 -0.26 0.00
SYRACUSE___POWER 24017	37.17 -0.30 0.00	35.07 -0.25 0.00	33.97 -0.24 0.00	33.94 -0.20 0.00	33.90 -0.24 0.00	37.91 -0.19 0.01	49.16 -0.16 3.21	57.70 -0.19 5.21	51.31 -0.28 4.14	42.92 -0.36 1.79	37.27 -0.45 0.00	34.23 -0.45 0.00	31.54 -0.42 0.00	30.11 -0.43 0.00	28.96 -0.56 0.00	29.62 -0.51 0.00	31.62 -0.51 0.00	37.94 -0.23 0.00	49.13 -0.20 0.00	55.83 0.11 0.00	50.95 -0.26 0.00	44.83 -0.36 0.00	39.09 -0.39 0.00	36.17 -0.37 0.00
TALLMAN___138KV_BK151 55660	38.56 1.09 0.00	36.30 0.99 0.00	35.17 0.96 0.00	35.10 0.96 0.00	35.20 1.06 0.00	39.44 1.33 0.00	52.98 2.10 1.65	63.06 2.65 2.68	55.99 2.40 2.13	46.27 2.12 0.92	39.57 1.85 0.00	36.41 1.73 0.00	33.49 1.53 0.00	32.03 1.50 0.00	31.17 1.65 0.00	31.79 1.66 0.00	33.84 1.70 0.00	40.11 1.95 0.00	51.89 2.56 0.00	59.06 3.34 0.00	53.82 2.61 0.00	47.27 2.08 0.00	41.26 1.78 0.00	38.00 1.46 0.00
TEALLAVE_115KV_TB7 355573	37.02 -0.45 0.00	34.93 -0.39 0.00	33.84 -0.38 0.00	33.83 -0.31 0.00	33.80 -0.34 0.00	37.76 -0.37 0.01	48.79 -0.37 3.38	57.18 -0.44 5.48	50.93 -0.45 4.35	42.70 -0.50 1.88	37.16 -0.57 0.00	34.12 -0.55 0.00	31.44 -0.51 0.00	30.02 -0.52 0.00	28.87 -0.65 0.00	29.53 -0.60 0.00	31.53 -0.61 0.00	37.82 -0.34 0.00	48.93 -0.39 0.00	55.60 -0.11 0.00	50.74 -0.46 0.00	44.65 -0.54 0.00	38.93 -0.55 0.00	36.06 -0.47 0.00
TELGRAPH_34_KV_EAST 80808	35.79 -1.69 0.00	33.76 -1.55 0.00	32.61 -1.61 0.00	32.84 -1.30 0.00	33.08 -1.06 0.00	37.49 -0.61 0.01	46.57 -1.63 4.33	53.49 -2.59 7.02	47.14 -3.01 5.58	40.05 -2.61 2.41	35.35 -2.38 0.00	32.46 -2.22 0.00	29.49 -2.46 0.00	28.06 -2.47 0.00	26.56 -2.95 0.00	27.27 -2.86 0.00	29.34 -2.80 0.00	35.23 -2.94 0.00	46.17 -3.16 0.00	52.60 -3.12 0.00	47.77 -3.43 0.00	41.58 -3.62 0.00	36.68 -2.80 0.00	34.16 -2.37 0.00
TEMPLE___115KV_TB 2 55572	37.06 -0.41 0.00	34.96 -0.35 0.00	33.87 -0.34 0.00	33.87 -0.27 0.00	33.80 -0.34 0.00	37.79 -0.30 0.01	48.82 -0.32 3.39	57.21 -0.38 5.50	50.96 -0.39 4.38	42.73 -0.45 1.89	37.19 -0.53 0.00	34.16 -0.52 0.00	31.48 -0.48 0.00	30.05 -0.49 0.00	28.90 -0.62 0.00	29.56 -0.57 0.00	31.56 -0.58 0.00	37.86 -0.31 0.00	48.93 -0.39 0.00	55.60 -0.11 0.00	50.79 -0.41 0.00	44.65 -0.54 0.00	38.93 -0.55 0.00	36.10 -0.44 0.00
TIANA____69_KV_BK 1 55817	38.86 1.39 0.00	36.37 1.06 0.00	35.24 1.03 0.00	35.03 0.89 0.00	35.16 1.02 0.00	39.51 1.41 0.00	52.99 2.10 1.64	63.58 3.15 2.67	56.17 2.56 2.12	46.68 2.52 0.92	39.84 2.11 0.00	36.58 1.91 0.00	33.59 1.63 0.00	32.61 2.08 0.00	31.94 2.42 0.00	32.30 2.17 0.00	34.29 2.15 0.00	40.99 2.82 0.00	52.19 2.86 0.00	59.62 3.90 0.00	53.97 2.77 0.00	48.09 2.89 0.00	41.97 2.49 0.00	38.80 2.27 0.00
TILDEN___115KV_TB1 80814	37.17 -0.30 0.00	35.07 -0.25 0.00	33.97 -0.24 0.00	33.94 -0.20 0.00	33.90 -0.24 0.00	37.91 -0.19 0.01	49.16 -0.16 3.21	57.70 -0.19 5.21	51.31 -0.28 4.14	42.92 -0.36 1.79	37.27 -0.45 0.00	34.23 -0.45 0.00	31.54 -0.42 0.00	30.11 -0.43 0.00	28.96 -0.56 0.00	29.62 -0.51 0.00	31.62 -0.51 0.00	37.94 -0.23 0.00	49.13 -0.20 0.00	55.83 0.11 0.00	50.95 -0.26 0.00	44.83 -0.36 0.00	39.09 -0.39 0.00	36.17 -0.37 0.00

TRIGEN___CC 323695	39.05 1.57 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.40 1.26 0.00	35.54 1.40 0.00	39.86 1.75 0.00	53.41 2.52 1.64	63.71 3.28 2.67	56.56 2.95 2.12	46.91 2.75 0.92	40.17 2.45 0.00	36.97 2.29 0.00	33.97 2.01 0.00	32.58 2.05 0.00	31.82 2.30 0.00	32.39 2.26 0.00	34.52 2.38 0.00	41.03 2.86 0.00	52.58 3.26 0.00	59.89 4.18 0.00	54.38 3.17 0.00	48.18 2.98 0.00	42.01 2.53 0.00	38.73 2.19 0.00
TRINITY___115KV___4 BK 55933	38.03 0.56 0.00	35.81 0.49 0.00	34.73 0.51 0.00	34.65 0.51 0.00	34.75 0.61 0.00	38.79 0.69 0.00	51.78 0.84 1.59	61.52 1.01 2.58	54.73 1.06 2.05	45.18 0.99 0.89	38.51 0.79 0.00	35.54 0.87 0.00	32.72 0.77 0.00	31.36 0.82 0.00	30.37 0.86 0.00	31.01 0.87 0.00	33.04 0.90 0.00	39.01 0.84 0.00	50.41 1.09 0.00	57.22 1.50 0.00	52.23 1.02 0.00	46.14 0.95 0.00	40.35 0.87 0.00	37.38 0.84 0.00
UNION___PROCESSING_DRP 323587	36.35 -1.12 0.00	34.33 -0.99 0.00	33.15 -1.06 0.00	33.29 -0.85 0.00	33.35 -0.79 0.00	37.60 -0.50 0.01	47.37 -0.68 4.48	54.75 -1.07 7.27	48.50 -1.45 5.78	41.22 -1.35 2.50	36.14 -1.58 0.00	33.19 -1.49 0.00	30.33 -1.63 0.00	28.89 -1.65 0.00	27.57 -1.95 0.00	28.20 -1.93 0.00	30.28 -1.86 0.00	36.30 -1.87 0.00	47.40 -1.92 0.00	53.88 -1.84 0.00	49.10 -2.10 0.00	42.93 -2.26 0.00	37.67 -1.82 0.00	34.93 -1.61 0.00
UPPER HUDSON___HYD 24058	38.22 0.75 0.00	35.95 0.64 0.00	34.83 0.62 0.00	34.76 0.62 0.00	34.86 0.72 0.00	39.06 0.95 0.00	52.55 1.63 1.61	62.57 2.08 2.61	55.72 2.06 2.07	45.57 1.40 0.90	38.74 1.02 0.00	35.41 0.73 0.00	32.53 0.58 0.00	31.02 0.49 0.00	30.05 0.53 0.00	30.64 0.51 0.00	32.88 0.74 0.00	39.20 1.03 0.00	51.00 1.68 0.00	57.95 2.23 0.00	52.89 1.69 0.00	47.77 2.57 0.00	41.69 2.21 0.00	38.55 2.01 0.00
UPPER RAQUET___HYD 24056	36.87 -0.60 0.00	34.75 -0.57 0.00	33.66 -0.55 0.00	33.42 -0.72 0.00	33.39 -0.75 0.00	43.64 -0.95 -6.48	58.61 -1.53 -7.60	71.28 -2.15 -10.34	62.88 -2.23 -9.38	50.39 -1.62 -6.94	36.48 -1.24 0.00	33.36 -1.32 0.00	30.90 -1.21 -0.16	34.49 -1.16 -5.12	33.39 -1.12 -4.99	33.96 -1.24 -5.07	36.14 -1.32 -5.32	36.60 -1.57 0.00	47.60 -1.73 0.00	53.49 -2.23 0.00	49.82 -1.38 0.00	44.16 -1.04 0.00	38.50 -0.99 0.00	35.66 -0.88 0.00
VALLEY44_115KV_TB2 355964	36.46 -1.01 0.00	34.36 -0.95 0.00	33.26 -0.96 0.00	33.49 -0.65 0.00	33.69 -0.44 0.00	38.21 0.11 0.01	46.00 -2.57 3.96	52.96 -3.72 6.41	46.56 -4.07 5.10	39.26 -3.61 2.20	36.18 -1.55 0.00	33.26 -1.42 0.00	30.23 -1.73 0.00	28.76 -1.77 0.00	27.21 -2.30 0.00	27.96 -2.17 0.00	30.05 -2.09 0.00	36.18 -1.98 0.00	47.40 -1.92 0.00	54.10 -1.62 0.00	49.10 -2.10 0.00	42.62 -2.58 0.00	37.51 -1.97 0.00	35.00 -1.53 0.00
VALLEY___115KV_TB 1-4 80826	36.87 -0.60 0.00	34.64 -0.67 0.00	33.53 -0.68 0.00	33.39 -0.75 0.00	33.35 -0.79 0.00	37.19 -0.91 0.00	49.37 -1.21 1.96	58.53 -1.39 3.18	51.98 -1.23 2.53	42.99 -0.99 1.09	36.86 -0.87 0.00	33.84 -0.83 0.00	31.19 -0.77 0.00	29.77 -0.76 0.00	28.84 -0.68 0.00	29.44 -0.69 0.00	31.37 -0.77 0.00	37.21 -0.95 0.00	48.19 -1.13 0.00	54.77 -0.95 0.00	50.33 -0.87 0.00	44.56 -0.63 0.00	38.97 -0.51 0.00	36.06 -0.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.16 1.69 0.00	36.90 1.59 0.00	35.75 1.54 0.00	35.71 1.57 0.00	35.78 1.64 0.00	40.05 1.94 0.01	52.81 2.78 2.50	62.51 3.47 4.06	55.57 3.07 3.23	45.98 2.30 1.39	39.46 1.74 0.00	36.06 1.39 0.00	33.17 1.21 0.00	31.57 1.04 0.00	30.52 1.00 0.00	31.28 1.15 0.00	33.36 1.22 0.00	39.88 1.72 0.00	51.94 2.61 0.00	59.39 3.68 0.00	54.17 2.97 0.00	47.64 2.44 0.00	41.54 2.05 0.00	38.40 1.86 0.00
VISCHER___FERRY HYD 24020	38.48 1.01 0.00	36.23 0.92 0.00	35.10 0.89 0.00	35.03 0.89 0.00	35.20 1.06 0.00	39.29 1.18 0.00	52.50 1.57 1.60	62.46 1.96 2.60	55.56 1.90 2.06	45.76 1.58 0.89	39.01 1.28 0.00	35.86 1.18 0.00	33.01 1.05 0.00	31.57 1.04 0.00	30.61 1.09 0.00	31.25 1.12 0.00	33.33 1.19 0.00	39.50 1.34 0.00	51.00 1.68 0.00	57.89 2.17 0.00	52.89 1.69 0.00	46.82 1.62 0.00	40.98 1.50 0.00	37.93 1.39 0.00
V_A_10_SYNC_DSASP 323832	35.56 -1.91 0.00	33.55 -1.76 0.00	32.43 -1.78 0.00	32.61 -1.54 0.00	32.81 -1.33 0.00	37.07 -1.03 0.01	46.36 -1.73 4.44	53.18 -2.71 7.20	47.04 -2.96 5.73	40.07 -2.52 2.47	35.23 -2.49 0.00	32.39 -2.29 0.00	29.62 -2.33 0.00	28.12 -2.41 0.00	26.71 -2.80 0.00	27.42 -2.71 0.00	29.44 -2.70 0.00	35.26 -2.90 0.00	45.87 -3.45 0.00	52.10 -3.62 0.00	47.42 -3.79 0.00	41.58 -3.62 0.00	36.56 -2.92 0.00	34.09 -2.45 0.00
V_CMM_10_SYNC_DSASP 323787	37.51 0.04 0.00	35.35 0.04 0.00	34.25 0.03 0.00	34.04 -0.10 0.00	34.00 -0.14 0.00	37.84 -0.26 0.00	51.52 -0.53 0.48	61.82 -0.51 0.76	54.51 -0.61 0.61	44.31 -0.49 0.27	37.46 -0.26 0.00	34.36 -0.31 0.00	31.67 -0.29 0.00	30.26 -0.28 0.00	29.25 -0.27 0.00	29.77 -0.36 0.00	31.72 -0.42 0.00	37.63 -0.53 0.00	48.68 -0.64 0.00	54.54 -1.17 0.00	50.74 -0.46 0.00	44.97 -0.22 0.00	39.29 -0.20 0.00	36.39 -0.15 0.00
V_CMP_10_SYNC_DSASP 323788	36.68 -0.79 0.00	34.54 -0.78 0.00	33.43 -0.79 0.00	32.84 -1.30 0.00	32.47 -1.67 0.00	-6.20 -2.06 42.25	-5.90 -2.84 55.59	-5.68 -3.41 65.36	-5.88 -3.29 58.33	-6.10 -2.62 48.56	35.69 -2.04 0.00	32.70 -1.98 0.00	29.00 -1.85 1.10	-6.45 -1.71 35.28	-6.50 -1.62 34.39	-6.52 -1.75 34.90	-6.42 -1.93 36.63	35.91 -2.25 0.00	47.01 -2.32 0.00	53.15 -2.56 0.00	49.56 -1.64 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	35.92 -0.62 0.00
V_D_10_SYNC_DSASP 323841	37.59 0.11 0.00	35.39 0.07 0.00	34.32 0.10 0.00	34.11 -0.03 0.00	34.04 -0.10 0.00	39.35 -0.19 -1.43	53.44 -0.42 -1.33	63.61 -0.44 -0.95	56.11 -0.56 -0.94	45.87 -0.54 -1.34	37.46 -0.26 0.00	34.33 -0.35 0.00	31.66 -0.32 -0.03	31.06 -0.31 -0.83	30.03 -0.30 -0.81	30.56 -0.39 -0.82	32.55 -0.45 -0.86	37.59 -0.57 0.00	48.68 -0.64 0.00	54.60 -1.11 0.00	50.85 -0.36 0.00	45.01 -0.18 0.00	39.33 -0.16 0.00	36.43 -0.11 0.00
V_E_10_SYNC_DSASP 323830	39.87 2.40 0.00	37.47 2.15 0.00	36.16 1.95 0.00	36.12 1.98 0.00	36.19 2.05 0.00	40.54 2.44 0.01	53.36 3.68 2.85	62.83 4.35 4.62	55.34 3.29 3.67	45.38 1.89 1.59	38.74 1.02 0.00	35.09 0.42 0.00	32.21 0.25 0.00	30.54 0.00 0.00	29.40 -0.12 0.00	30.31 0.18 0.00	32.62 0.48 0.00	39.73 1.57 0.00	52.73 3.40 0.00	61.23 5.52 0.00	55.76 4.56 0.00	48.99 3.80 0.00	42.53 3.04 0.00	39.28 2.74 0.00
V_F_30_NSYNC___DSASP 323816	38.78 1.31 0.00	36.52 1.20 0.00	35.38 1.16 0.00	35.30 1.16 0.00	35.40 1.26 0.00	39.59 1.48 0.00	53.18 2.26 1.61	63.33 2.84 2.60	56.33 2.67 2.07	46.16 1.98 0.89	39.27 1.55 0.00	35.96 1.28 0.00	33.04 1.09 0.00	31.57 1.04 0.00	30.55 1.03 0.00	31.19 1.05 0.00	33.43 1.29 0.00	39.77 1.60 0.00	51.44 2.12 0.00	58.45 2.73 0.00	53.35 2.15 0.00	47.41 2.21 0.00	41.46 1.97 0.00	38.33 1.79 0.00

V_F_30_SYNC_DSASP 323786	38.11 0.64 0.00	35.88 0.57 0.00	34.80 0.58 0.00	34.72 0.58 0.00	34.86 0.72 0.00	38.90 0.80 0.00	51.93 1.00 1.60	61.77 1.26 2.59	54.95 1.28 2.06	45.26 1.08 0.89	38.63 0.91 0.00	35.61 0.94 0.00	32.82 0.86 0.00	31.42 0.89 0.00	30.43 0.92 0.00	31.04 0.90 0.00	33.10 0.96 0.00	39.08 0.92 0.00	50.56 1.23 0.00	57.44 1.73 0.00	52.43 1.23 0.00	46.28 1.08 0.00	40.47 0.99 0.00	37.45 0.91 0.00
V_XM_10_SYNC_DSASP 323789	36.68 -0.79 0.00	34.54 -0.78 0.00	33.43 -0.79 0.00	32.84 -1.30 0.00	32.47 -1.67 0.00	-6.20 -2.06 42.25	-5.90 -2.84 55.59	-5.68 -3.41 65.36	-5.88 -3.29 58.33	-6.10 -2.62 48.56	35.69 -2.04 0.00	32.70 -1.98 0.00	29.00 -1.85 1.10	-6.45 -1.71 35.28	-6.50 -1.62 34.39	-6.52 -1.75 34.90	-6.42 -1.93 36.63	35.91 -2.25 0.00	47.01 -2.32 0.00	53.15 -2.56 0.00	49.56 -1.64 0.00	44.56 -0.63 0.00	38.85 -0.63 0.00	35.92 -0.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.67 1.20 0.00	36.41 1.09 0.00	35.27 1.06 0.00	35.20 1.06 0.00	35.30 1.16 0.00	39.70 1.60 0.00	53.35 2.47 1.65	63.57 3.15 2.68	56.44 2.84 2.13	46.59 2.43 0.92	39.80 2.07 0.00	36.58 1.91 0.00	33.65 1.69 0.00	32.18 1.65 0.00	31.32 1.80 0.00	31.94 1.81 0.00	33.91 1.77 0.00	40.23 2.06 0.00	52.04 2.71 0.00	59.28 3.57 0.00	53.97 2.77 0.00	47.41 2.21 0.00	41.38 1.90 0.00	38.11 1.57 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.90 1.42 0.00	36.66 1.34 0.00	35.51 1.30 0.00	35.44 1.30 0.00	35.54 1.40 0.00	39.82 1.71 0.00	53.46 2.57 1.64	63.71 3.28 2.67	56.73 3.12 2.12	47.04 2.88 0.92	40.25 2.53 0.00	37.07 2.39 0.00	34.16 2.20 0.00	32.67 2.14 0.00	31.82 2.30 0.00	32.42 2.29 0.00	34.49 2.35 0.00	40.80 2.63 0.00	52.68 3.35 0.00	59.89 4.18 0.00	54.53 3.33 0.00	47.86 2.67 0.00	41.77 2.29 0.00	38.47 1.94 0.00
W50THST__13_KV_LOAD 356117	39.01 1.54 0.00	36.80 1.48 0.00	35.62 1.40 0.00	35.58 1.43 0.00	35.67 1.54 0.00	39.97 1.87 0.00	53.72 2.84 1.64	64.09 3.66 2.67	57.12 3.51 2.12	47.40 3.25 0.92	40.55 2.83 0.00	37.31 2.64 0.00	34.42 2.46 0.00	32.92 2.38 0.00	32.05 2.54 0.00	32.60 2.47 0.00	34.71 2.57 0.00	41.10 2.94 0.00	53.07 3.75 0.00	60.23 4.51 0.00	54.79 3.58 0.00	48.09 2.89 0.00	41.93 2.45 0.00	38.62 2.08 0.00
WADING RIVER_IC_1 23522	38.45 0.97 0.00	35.98 0.67 0.00	34.93 0.72 0.00	34.76 0.62 0.00	34.89 0.75 0.00	39.17 1.07 0.00	52.35 1.47 1.64	62.76 2.34 2.67	55.45 1.84 2.12	46.32 2.16 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.39 1.44 0.00	32.55 2.01 0.00	31.85 2.33 0.00	32.18 2.05 0.00	34.10 1.96 0.00	40.65 2.48 -0.01	51.74 2.42 0.00	59.17 3.46 0.00	53.51 2.31 0.00	47.54 2.35 0.00	41.69 2.21 0.00	38.14 1.61 0.00
WADING RIVER_IC_2 23547	38.45 0.97 0.00	35.98 0.67 0.00	34.93 0.72 0.00	34.76 0.62 0.00	34.89 0.75 0.00	39.17 1.07 0.00	52.35 1.47 1.64	62.76 2.34 2.67	55.45 1.84 2.12	46.32 2.16 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.39 1.44 0.00	32.55 2.01 0.00	31.85 2.33 0.00	32.18 2.05 0.00	34.10 1.96 0.00	40.65 2.48 -0.01	51.74 2.42 0.00	59.17 3.46 0.00	53.51 2.31 0.00	47.54 2.35 0.00	41.69 2.21 0.00	38.14 1.61 0.00
WADING RIVER_IC_3 23601	38.45 0.97 0.00	35.98 0.67 0.00	34.93 0.72 0.00	34.76 0.62 0.00	34.89 0.75 0.00	39.17 1.07 0.00	52.35 1.47 1.64	62.76 2.34 2.67	55.45 1.84 2.12	46.32 2.16 0.92	39.50 1.77 0.00	36.38 1.70 0.00	33.39 1.44 0.00	32.55 2.01 0.00	31.85 2.33 0.00	32.18 2.05 0.00	34.10 1.96 0.00	40.65 2.48 -0.01	51.74 2.42 0.00	59.17 3.46 0.00	53.51 2.31 0.00	47.54 2.35 0.00	41.69 2.21 0.00	38.14 1.61 0.00
WALDENNY_12_KV_BK2 80841	36.09 -1.39 0.00	34.01 -1.31 0.00	32.88 -1.33 0.00	33.15 -0.99 0.00	33.39 -0.75 0.00	37.87 -0.23 0.01	46.49 -1.84 4.21	53.37 -2.90 6.82	47.07 -3.23 5.42	39.94 -2.79 2.34	35.76 -1.96 0.00	32.91 -1.77 0.00	29.85 -2.11 0.00	28.43 -2.11 0.00	26.83 -2.69 0.00	27.57 -2.56 0.00	29.66 -2.47 0.00	35.65 -2.52 0.00	46.51 -2.81 0.00	52.93 -2.79 0.00	48.08 -3.12 0.00	41.71 -3.48 0.00	36.88 -2.61 0.00	34.45 -2.08 0.00
WALDEN__HYDRO 24148	38.63 1.16 0.00	36.41 1.09 0.00	35.24 1.03 0.00	35.17 1.02 0.00	35.27 1.13 0.00	39.51 1.41 0.00	53.03 2.15 1.65	63.07 2.65 2.68	56.05 2.45 2.13	46.18 2.03 0.92	39.46 1.74 0.00	36.27 1.60 0.00	33.36 1.41 0.00	31.91 1.37 0.00	31.02 1.51 0.00	31.64 1.51 0.00	33.71 1.57 0.00	40.00 1.83 0.00	51.84 2.52 0.00	59.06 3.34 0.00	53.76 2.56 0.00	47.27 2.08 0.00	41.26 1.78 0.00	38.07 1.53 0.00
WARRENSBURG____ 23737	38.22 0.75 0.00	35.95 0.64 0.00	34.83 0.62 0.00	34.76 0.61 0.00	34.86 0.72 0.00	39.06 0.95 0.00	52.55 1.63 1.61	62.57 2.08 2.61	55.66 2.01 2.07	45.57 1.40 0.90	38.74 1.02 0.00	35.41 0.73 0.00	32.53 0.58 0.00	31.02 0.49 0.00	30.05 0.53 0.00	30.65 0.51 0.00	32.88 0.74 0.00	39.20 1.03 0.00	51.00 1.68 0.00	57.94 2.23 0.00	52.89 1.69 0.00	47.77 2.58 0.00	41.70 2.21 0.00	38.55 2.01 0.00
WATERSIDE____6 8 9 23538	37.13 1.65 1.99	34.65 1.55 2.22	33.33 1.51 2.39	33.24 1.50 2.40	35.18 1.60 0.56	38.61 1.91 1.40	53.74 2.89 1.68	64.02 3.60 2.67	57.02 3.40 2.11	53.08 2.97 -5.04	50.85 2.64 -10.49	49.13 2.50 -11.96	48.33 2.27 -14.10	48.52 2.20 -15.79	41.23 2.39 -9.32	35.93 2.38 -3.42	44.27 2.44 -9.69	48.55 2.75 -7.63	52.88 3.55 -0.01	59.79 4.46 0.38	51.28 3.58 3.50	48.14 2.94 -0.01	40.40 2.49 1.57	37.03 2.12 1.63
WATKINRD_115KV_LN8_ILLION 55919	37.14 -0.34 0.00	34.93 -0.39 0.00	33.84 -0.38 0.00	33.73 -0.41 0.00	33.69 -0.44 0.00	37.61 -0.50 0.00	49.94 -0.63 1.96	59.22 -0.69 3.18	52.59 -0.61 2.53	43.49 -0.50 1.09	37.27 -0.45 0.00	34.23 -0.45 0.00	31.54 -0.42 0.00	30.14 -0.40 0.00	29.16 -0.35 0.00	29.77 -0.36 0.00	31.75 -0.39 0.00	37.63 -0.53 0.00	48.73 -0.59 0.00	55.33 -0.39 0.00	50.74 -0.46 0.00	44.83 -0.36 0.00	39.21 -0.28 0.00	36.28 -0.26 0.00
WATSON____69_KV_BK 1 55734	39.46 1.99 0.00	36.98 1.66 0.00	35.86 1.64 0.00	35.71 1.57 0.00	35.88 1.74 0.00	40.31 2.21 0.00	54.04 3.15 1.64	64.72 4.29 2.67	57.23 3.62 2.12	47.40 3.25 0.92	40.55 2.83 0.00	37.28 2.60 0.00	34.19 2.24 0.00	32.92 2.38 0.00	32.23 2.72 0.00	32.72 2.59 0.00	34.94 2.80 0.00	41.68 3.51 0.00	53.27 3.95 0.00	60.79 5.07 0.00	55.04 3.84 0.00	48.99 3.80 0.00	42.64 3.16 0.00	39.35 2.81 0.00
WDELAWARE__HYD 323627	38.86 1.39 0.00	36.62 1.31 0.00	35.48 1.27 0.00	35.41 1.26 0.00	35.51 1.37 0.00	39.74 1.64 0.00	53.45 2.57 1.66	63.43 3.03 2.69	56.32 2.73 2.14	46.22 2.07 0.92	39.34 1.62 0.00	36.07 1.39 0.00	33.07 1.12 0.00	31.57 1.04 0.00	30.67 1.15 0.00	31.34 1.21 0.00	33.39 1.25 0.00	39.73 1.57 0.00	51.64 2.32 0.00	59.00 3.29 0.00	53.66 2.46 0.00	47.09 1.90 0.00	41.07 1.58 0.00	37.96 1.42 0.00

WEST BABYLON___IC 23714	39.42 1.95 0.00	36.98 1.66 0.00	35.82 1.61 0.00	35.71 1.57 0.00	35.85 1.71 0.00	40.28 2.17 0.00	53.99 3.10 1.64	64.59 4.16 2.67	57.12 3.51 2.12	47.31 3.16 0.92	40.51 2.79 0.00	37.28 2.60 0.00	34.19 2.24 0.00	32.89 2.35 0.00	32.17 2.66 0.00	32.69 2.56 0.00	34.90 2.76 0.00	41.56 3.40 0.00	53.17 3.85 0.00	60.67 4.96 0.00	54.99 3.79 0.00	48.90 3.71 0.00	42.56 3.08 0.00	39.28 2.74 0.00
WEST CANADA___HYD 24049	37.59 0.11 0.00	35.42 0.11 0.00	34.32 0.10 0.00	34.24 0.10 0.00	34.28 0.14 0.00	38.26 0.15 0.00	50.79 0.21 1.96	60.23 0.32 3.18	53.48 0.28 2.53	44.25 0.27 1.09	37.91 0.19 0.00	34.85 0.17 0.00	32.12 0.16 0.00	30.69 0.15 0.00	29.69 0.18 0.00	30.31 0.18 0.00	32.30 0.16 0.00	38.28 0.11 0.00	49.47 0.15 0.00	56.05 0.34 0.00	51.36 0.15 0.00	45.33 0.14 0.00	39.60 0.12 0.00	36.65 0.11 0.00
WESTERN_NY_WIND 24143	36.54 -0.94 0.00	34.50 -0.81 0.00	33.36 -0.86 0.00	33.56 -0.58 0.00	33.73 -0.41 0.00	38.25 0.15 0.01	47.85 -0.32 4.36	55.26 -0.76 7.07	48.60 -1.50 5.62	41.11 -1.53 2.43	36.10 -1.62 0.00	33.08 -1.60 0.00	30.04 -1.92 0.00	28.58 -1.95 0.00	27.10 -2.42 0.00	27.75 -2.38 0.00	29.89 -2.25 0.00	35.99 -2.18 0.00	47.40 -1.92 0.00	54.10 -1.62 0.00	49.16 -2.05 0.00	42.75 -2.44 0.00	37.63 -1.86 0.00	34.93 -1.61 0.00
WESTOVER___LESR 323668	37.44 -0.04 0.00	35.32 0.00 0.00	34.18 -0.03 0.00	34.21 0.07 0.00	34.28 0.14 0.00	38.44 0.34 0.01	49.78 0.21 2.96	58.35 0.06 4.80	51.74 -0.17 3.82	43.11 -0.32 1.65	37.50 -0.23 0.00	34.40 -0.28 0.00	31.57 -0.38 0.00	30.14 -0.40 0.00	28.93 -0.59 0.00	29.65 -0.48 0.00	31.69 -0.45 0.00	37.97 -0.19 0.00	49.37 0.05 0.00	56.27 0.56 0.00	51.31 0.10 0.00	45.01 -0.18 0.00	39.29 -0.20 0.00	36.43 -0.11 0.00
WETHRSFD_WT_PWR 323626	34.96 -2.51 0.00	32.95 -2.37 0.00	31.89 -2.33 0.00	32.13 -2.01 0.00	32.40 -1.74 0.00	36.84 -1.26 0.01	46.16 -2.47 3.90	53.24 -3.53 6.32	46.80 -3.90 5.03	39.38 -3.52 2.17	34.74 -2.98 0.00	31.97 -2.70 0.00	29.18 -2.78 0.00	27.73 -2.81 0.00	26.21 -3.31 0.00	26.94 -3.19 0.00	28.93 -3.21 0.00	35.08 -3.09 0.00	46.42 -2.91 0.00	53.10 -2.62 0.00	48.03 -3.17 0.00	41.90 -3.30 0.00	36.64 -2.84 0.00	34.05 -2.49 0.00
WHAVSTOR_138KV_BK127 55557	38.56 1.09 0.00	36.34 1.02 0.00	35.17 0.96 0.00	35.13 0.99 0.00	35.23 1.09 0.00	39.44 1.33 0.00	52.93 2.05 1.65	63.00 2.59 2.68	56.00 2.40 2.13	46.27 2.12 0.92	39.57 1.85 0.00	36.41 1.73 0.00	33.52 1.57 0.00	32.06 1.53 0.00	31.20 1.68 0.00	31.82 1.69 0.00	33.84 1.70 0.00	40.15 1.98 0.00	51.89 2.56 0.00	59.06 3.34 0.00	53.82 2.61 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.04 1.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.56 1.09 0.00	36.34 1.02 0.00	35.17 0.96 0.00	35.13 0.99 0.00	35.23 1.09 0.00	39.44 1.33 0.00	52.93 2.05 1.65	63.00 2.59 2.68	56.00 2.40 2.13	46.27 2.12 0.92	39.57 1.85 0.00	36.41 1.73 0.00	33.52 1.57 0.00	32.06 1.53 0.00	31.20 1.68 0.00	31.82 1.69 0.00	33.84 1.70 0.00	40.15 1.98 0.00	51.89 2.56 0.00	59.06 3.34 0.00	53.82 2.61 0.00	47.32 2.12 0.00	41.30 1.82 0.00	38.04 1.50 0.00
WHITEHAL_115KV_TB1 80871	38.67 1.20 0.00	36.34 1.02 0.00	35.21 0.99 0.00	35.13 0.99 0.00	35.23 1.09 0.00	39.51 1.41 0.00	53.23 2.31 1.61	63.52 3.03 2.61	56.44 2.79 2.07	45.98 1.80 0.90	39.04 1.32 0.00	35.61 0.94 0.00	32.69 0.73 0.00	31.15 0.61 0.00	30.17 0.65 0.00	30.80 0.66 0.00	33.07 0.93 0.00	39.54 1.37 0.00	51.69 2.37 0.00	58.89 3.18 0.00	53.66 2.46 0.00	48.27 3.07 0.00	42.09 2.61 0.00	38.95 2.41 0.00
WHITEPLN_13_KV_LOAD 356215	39.12 1.65 0.00	36.83 1.52 0.00	35.68 1.47 0.00	35.61 1.47 0.00	35.71 1.57 0.00	40.01 1.91 0.00	53.77 2.89 1.64	64.28 3.85 2.67	57.12 3.51 2.12	47.13 2.97 0.92	40.29 2.57 0.00	37.10 2.43 0.00	34.16 2.20 0.00	32.64 2.11 0.00	31.79 2.27 0.00	32.39 2.26 0.00	34.49 2.35 0.00	40.91 2.75 0.00	52.98 3.65 0.00	60.28 4.57 0.00	54.84 3.64 0.00	48.18 2.98 0.00	42.01 2.53 0.00	38.62 2.08 0.00
WM_FLOYD_69_KV_BK2 356380	38.86 1.39 0.00	36.37 1.06 0.00	35.31 1.09 0.00	35.13 0.99 0.00	35.27 1.13 0.00	39.63 1.52 0.00	53.04 2.15 1.64	63.64 3.22 2.67	56.17 2.56 2.12	46.68 2.52 0.92	39.91 2.19 0.00	36.69 2.01 0.00	33.68 1.73 0.00	32.64 2.11 0.00	31.94 2.42 0.00	32.36 2.23 0.00	34.42 2.28 0.00	41.07 2.90 0.00	52.28 2.96 0.00	59.73 4.01 0.00	54.07 2.87 0.00	48.18 2.98 0.00	42.05 2.57 0.00	38.84 2.30 0.00
WOODARD___115KV_TB2 355635	36.99 -0.49 0.00	34.89 -0.42 0.00	33.80 -0.41 0.00	33.80 -0.34 0.00	33.73 -0.41 0.00	37.72 -0.38 0.01	48.94 -0.42 3.18	57.44 -0.50 5.15	51.13 -0.50 4.10	42.76 -0.54 1.77	37.08 -0.64 0.00	34.09 -0.59 0.00	31.44 -0.51 0.00	30.02 -0.52 0.00	28.87 -0.65 0.00	29.53 -0.60 0.00	31.53 -0.61 0.00	37.78 -0.38 0.00	48.83 -0.49 0.00	55.49 -0.22 0.00	50.69 -0.51 0.00	44.61 -0.59 0.00	38.89 -0.59 0.00	36.03 -0.51 0.00
YORK___WARBASSE 23770	53.31 1.99 -13.85	52.60 1.84 -15.45	52.60 1.78 -16.60	52.60 1.78 -16.68	39.97 1.88 -3.96	53.35 2.21 -13.03	54.43 3.15 1.25	64.40 3.97 2.67	58.36 3.68 1.05	65.74 3.25 -17.43	69.62 2.83 -29.06	71.64 2.67 -34.30	74.47 2.43 -40.08	78.18 2.35 -45.29	70.79 2.54 -38.74	63.83 2.50 -31.19	71.78 2.60 -37.04	96.40 2.98 -55.26	96.41 3.85 -43.23	96.35 4.85 -35.79	96.41 3.94 -41.26	59.56 3.21 -11.16	56.89 2.76 -14.64	54.07 2.37 -15.16