

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/17/2023

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	28.26	25.45	23.80	22.75	22.66	23.36	25.97	29.18	32.86	35.75	37.40	39.13	40.92	45.19	49.08	57.13	77.49	80.45	73.50	55.10	49.08	41.43	37.26	32.93
24138	2.48	2.10	1.97	1.86	1.81	1.87	2.21	2.82	3.18	3.37	3.49	3.59	3.86	4.33	4.15	4.92	5.77	5.34	5.28	3.52	3.01	3.17	3.08	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	-0.04	-3.78	-7.85	-23.62	-28.70	-19.77	-7.56	-4.75	0.00	0.00	0.00
74TH STREET_GT_1	28.28	25.47	23.82	22.77	22.62	23.34	25.92	29.12	32.83	35.81	37.37	39.06	40.84	45.11	49.25	57.13	77.49	80.50	73.56	55.06	49.04	41.43	37.43	32.96
24260	2.50	2.12	1.99	1.88	1.77	1.85	2.16	2.77	3.15	3.43	3.46	3.52	3.79	4.25	4.32	4.92	5.77	5.38	5.33	3.48	2.97	3.18	3.25	2.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	-0.04	-3.78	-7.85	-23.61	-28.71	-19.77	-7.56	-4.75	0.00	0.00	0.00
74TH STREET_GT_2	28.28	25.47	23.82	22.77	22.62	23.34	25.92	29.12	32.83	35.81	37.37	39.06	40.84	45.11	49.25	57.13	77.49	80.50	73.56	55.06	49.04	41.43	37.43	32.96
24261	2.50	2.12	1.99	1.88	1.77	1.85	2.16	2.77	3.15	3.43	3.46	3.52	3.79	4.25	4.32	4.92	5.77	5.38	5.33	3.48	2.97	3.18	3.25	2.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	-0.04	-3.78	-7.85	-23.61	-28.71	-19.77	-7.56	-4.75	0.00	0.00	0.00
ADK HUDSON___FALLS	27.38	24.88	23.27	22.21	22.12	22.93	25.37	28.23	31.76	34.62	36.32	38.17	39.34	44.50	56.79	71.17	97.46	138.38	115.68	72.35	60.37	41.70	36.91	32.75
24011	1.60	1.54	1.44	1.32	1.27	1.44	1.62	1.87	2.08	2.23	2.41	2.63	2.77	3.55	3.58	3.86	4.47	4.36	4.65	4.18	3.88	3.44	2.73	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.11	-12.06	-22.96	-44.88	-87.61	-62.58	-24.15	-15.17	0.00	0.00	0.00
ADK RESOURCE___RCVRY	27.51	25.03	23.41	22.31	22.27	23.06	25.52	28.41	31.96	34.88	36.59	38.46	39.66	44.90	57.29	71.75	98.20	139.32	116.48	72.92	60.91	42.12	37.19	33.02
23798	1.73	1.68	1.57	1.42	1.42	1.57	1.76	2.06	2.29	2.49	2.68	2.92	3.09	3.96	4.04	4.35	5.05	4.97	5.23	4.66	4.38	3.86	3.01	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.11	-12.10	-23.05	-45.04	-87.94	-62.80	-24.24	-15.22	0.00	0.00	0.00
ADK S GLENS___FALLS	27.38	24.88	23.27	22.21	22.12	22.93	25.37	28.23	31.76	34.62	36.32	38.17	39.34	44.50	56.79	71.17	97.46	138.38	115.68	72.35	60.37	41.70	36.91	32.75
24028	1.60	1.54	1.44	1.32	1.27	1.44	1.62	1.87	2.08	2.23	2.41	2.63	2.77	3.55	3.58	3.86	4.47	4.36	4.65	4.18	3.88	3.44	2.73	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.11	-12.06	-22.96	-44.88	-87.61	-62.58	-24.15	-15.17	0.00	0.00	0.00
ADK_NYS___DAM	27.38	24.91	23.30	22.23	22.18	22.97	25.37	28.12	31.61	34.32	36.08	37.82	39.07	43.70	53.55	65.68	86.79	118.53	101.84	66.13	56.09	40.71	36.20	32.30
23527	1.60	1.56	1.46	1.34	1.34	1.48	1.62	1.77	1.93	1.94	2.17	2.28	2.48	2.78	2.72	2.84	3.13	2.93	3.15	2.73	2.60	2.45	2.02	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.09	-9.68	-18.49	-35.56	-69.19	-50.24	-19.39	-12.18	0.00	0.00	0.00
AIR_PRODUCTS___DRP	26.50	24.07	22.55	21.54	21.43	22.18	24.47	27.17	30.60	33.32	34.86	36.57	37.52	42.01	50.34	61.03	79.88	106.46	91.81	61.20	52.35	39.10	35.14	31.20
24190	0.72	0.72	0.72	0.65	0.58	0.69	0.71	0.82	0.92	0.94	0.95	1.03	0.95	1.10	1.07	1.15	1.30	1.21	1.21	0.92	0.83	0.84	0.96	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.08	-8.12	-15.53	-30.48	-58.84	-42.15	-16.26	-10.21	0.00	0.00	0.00
AKWESSNE_115KV_BK	25.29	22.88	21.35	20.47	20.54	21.04	23.19	25.80	29.09	31.83	33.30	34.87	35.69	40.05	40.41	43.51	46.66	45.16	47.05	43.23	40.73	37.60	33.56	29.83
355683	-0.49	-0.47	-0.48	-0.42	-0.31	-0.45	-0.57	-0.55	-0.59	-0.55	-0.61	-0.68	-0.73	-0.78	-0.74	-0.84	-1.44	-1.25	-1.41	-0.79	-0.58	-0.65	-0.62	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	26.50	24.07	22.55	21.54	21.43	22.18	24.47	27.17	30.60	33.32	34.86	36.57	37.52	42.01	50.34	61.03	79.88	106.46	91.81	61.20	52.35	39.10	35.14	31.20
23571	0.72	0.72	0.72	0.65	0.58	0.69	0.71	0.82	0.92	0.94	0.95	1.03	0.95	1.10	1.07	1.15	1.30	1.21	1.21	0.92	0.83	0.84	0.96	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.08	-8.12	-15.53	-30.48	-58.84	-42.15	-16.26	-10.21	0.00	0.00	0.00
ALBANY___2	26.50	24.07	22.55	21.54	21.43	22.18	24.47	27.17	30.60	33.32	34.86	36.57	37.52	42.01	50.34	61.03	79.88	106.46	91.81	61.20	52.35	39.10	35.14	31.20
23572	0.72	0.72	0.72	0.65	0.58	0.69	0.71	0.82	0.92	0.94	0.95	1.03	0.95	1.10	1.07	1.15	1.30	1.21	1.21	0.92	0.83	0.84	0.96	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.08	-8.12	-15.53	-30.48	-58.84	-42.15	-16.26	-10.21	0.00	0.00	0.00
ALBANY___3	26.50	24.07	22.55	21.54	21.43	22.18	24.47	27.17	30.60	33.32	34.86	36.57	37.52	42.01	50.34	61.03	79.88	106.46	91.81	61.20	52.35	39.10	35.14	31.20
23573	0.72	0.72	0.72	0.65	0.58	0.69	0.71	0.82	0.92	0.94	0.95	1.03	0.95	1.10	1.07	1.15	1.30	1.21	1.21	0.92	0.83	0.84	0.96	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.08	-8.12	-15.53	-30.48	-58.84	-42.15	-16.26	-10.21	0.00	0.00	0.00

ALBANY___4 23574	26.50 0.72 0.00	24.07 0.72 0.00	22.55 0.72 0.00	21.54 0.65 0.00	21.43 0.58 0.00	22.18 0.69 0.00	24.47 0.71 0.00	27.17 0.82 0.00	30.60 0.92 0.00	33.32 0.94 0.00	34.86 0.95 0.00	36.57 1.03 0.00	37.52 0.95 -0.16	42.01 1.10 -0.08	50.34 1.07 -8.12	61.03 1.15 -15.53	79.88 1.30 -30.48	106.46 1.21 -58.84	91.81 1.21 -42.15	61.20 0.92 -16.26	52.35 0.83 -10.21	39.10 0.84 0.00	35.14 0.96 0.00	31.20 0.82 0.00
ALBANY___LFGE 323615	26.79 1.00 0.00	24.35 1.00 0.00	22.79 0.96 0.00	21.75 0.86 0.00	21.68 0.83 0.00	22.41 0.92 0.00	24.73 0.97 0.00	27.49 1.13 0.00	30.95 1.28 0.00	33.71 1.33 0.00	35.37 1.46 0.00	37.03 1.49 0.00	38.07 1.49 -0.16	42.67 1.75 -0.09	52.18 1.73 -9.30	63.96 1.86 -17.75	84.99 2.11 -34.77	115.77 1.95 -67.41	98.73 2.03 -48.25	64.26 1.63 -18.62	54.49 1.49 -11.69	39.71 1.45 0.00	35.55 1.37 0.00	31.63 1.25 0.00
ALCOA_PA_115KV_PL-6C 55860	25.34 -0.44 0.00	22.90 -0.44 0.00	21.38 -0.46 0.00	20.50 -0.40 0.00	20.56 -0.29 0.00	21.06 -0.43 0.00	23.21 -0.55 0.00	25.80 -0.55 0.00	29.09 -0.59 0.00	31.83 -0.55 0.00	33.30 -0.61 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.05 -0.78 0.00	40.45 -0.70 0.00	43.51 -0.84 0.00	46.71 -1.40 0.00	45.25 -1.16 0.00	47.14 -1.31 0.00	43.36 -0.66 0.00	40.82 -0.50 0.00	37.68 -0.57 0.00	33.63 -0.55 0.00	29.90 -0.49 0.00
ALCOA_RYNLDS___DRP 24188	25.34 -0.44 0.00	22.90 -0.44 0.00	21.38 -0.46 0.00	20.50 -0.40 0.00	20.56 -0.29 0.00	21.06 -0.43 0.00	23.21 -0.55 0.00	25.80 -0.55 0.00	29.09 -0.59 0.00	31.83 -0.55 0.00	33.30 -0.61 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.05 -0.78 0.00	40.45 -0.70 0.00	43.51 -0.84 0.00	46.71 -1.40 0.00	45.25 -1.16 0.00	47.14 -1.31 0.00	43.36 -0.66 0.00	40.82 -0.50 0.00	37.68 -0.57 0.00	33.63 -0.55 0.00	29.90 -0.49 0.00
ALCOA___DSASP 323711	25.34 -0.44 0.00	22.90 -0.44 0.00	21.37 -0.46 0.00	20.49 -0.40 0.00	20.51 -0.33 0.00	21.06 -0.43 0.00	23.21 -0.55 0.00	25.75 -0.61 0.00	29.09 -0.59 0.00	31.83 -0.55 0.00	33.33 -0.58 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.10 -0.73 0.00	40.41 -0.74 0.00	43.51 -0.84 0.00	46.76 -1.35 0.00	45.25 -1.16 0.00	47.19 -1.26 0.00	43.36 -0.66 0.00	40.82 -0.49 0.00	37.68 -0.57 0.00	33.63 -0.55 0.00	29.89 -0.49 0.00
ALLEGHENY___COGEN 23514	26.84 1.06 0.00	24.25 0.91 0.00	22.49 0.65 0.00	21.46 0.56 0.00	21.33 0.48 0.00	22.22 0.73 0.00	24.83 1.07 0.00	27.07 0.71 0.00	30.04 0.36 0.00	32.54 0.16 0.00	32.45 -1.46 0.00	33.84 -1.71 0.00	34.45 -1.97 0.00	38.51 -2.33 -0.01	39.96 -1.81 -0.62	43.39 -2.13 -1.16	49.51 -0.86 -2.27	50.84 -0.09 -4.52	53.34 1.69 -3.20	46.22 0.97 -1.23	43.24 1.16 -0.78	39.10 0.84 0.00	34.97 0.79 0.00	32.20 1.82 0.00
ALTAMONT_115KV_TB 2 55880	26.81 1.03 0.00	24.30 0.96 0.00	22.77 0.94 0.00	21.75 0.86 0.00	21.64 0.79 0.00	22.39 0.90 0.00	24.73 0.97 0.00	27.46 1.11 0.00	30.93 1.25 0.00	33.68 1.30 0.00	35.23 1.32 0.00	36.96 1.42 0.00	37.96 1.38 -0.16	42.45 1.55 -0.07	50.01 1.56 -7.29	59.99 1.69 -13.95	77.59 1.92 -27.56	101.61 1.81 -53.39	88.36 1.89 -38.02	60.12 1.50 -14.60	51.85 1.36 -9.17	39.59 1.34 0.00	35.55 1.37 0.00	31.57 1.18 0.00
ALTONA_WT_PWR 323606	25.47 -0.31 0.00	23.11 -0.23 0.00	21.53 -0.31 0.00	20.60 -0.29 0.00	20.64 -0.21 0.00	21.19 -0.30 0.00	23.21 -0.55 0.00	26.20 -0.16 0.00	29.89 0.21 0.00	32.74 0.36 0.00	34.15 0.24 0.00	35.54 0.00 0.00	36.20 -0.22 0.00	40.67 -0.16 0.00	41.07 -0.08 0.00	44.26 -0.09 0.00	48.01 -0.10 0.00	46.92 0.51 0.00	48.94 0.48 0.00	44.85 0.83 0.00	42.26 0.95 0.00	38.79 0.54 0.00	34.66 0.48 0.00	30.81 0.43 0.00
AMERICAN_REF_FUEL 24010	25.09 -0.69 0.00	22.62 -0.72 0.00	20.98 -0.85 0.00	20.06 -0.84 0.00	19.74 -1.11 0.00	20.55 -0.95 0.00	23.09 -0.67 0.00	25.01 -1.34 0.00	28.11 -1.57 0.00	30.70 -1.69 0.00	32.08 -1.83 0.00	33.62 -1.92 0.00	34.09 -2.33 0.00	37.77 -3.06 -0.01	38.73 -2.96 -0.54	41.61 -3.77 -1.03	47.47 -2.65 -2.01	47.95 -2.46 -4.00	49.87 -1.41 -2.83	42.55 -2.55 -1.09	39.77 -2.23 -0.69	36.19 -2.07 0.00	32.85 -1.33 0.00	29.68 -0.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.73 -0.05 0.00	23.25 -0.09 0.00	21.64 -0.20 0.00	20.58 -0.31 0.00	20.43 -0.42 0.00	21.34 -0.15 0.00	23.97 0.21 0.00	26.25 -0.11 0.00	29.68 0.00 0.00	32.45 0.06 0.00	33.91 0.00 0.00	35.47 -0.07 0.00	36.02 -0.40 0.00	40.10 -0.73 -0.01	41.16 -0.62 -0.62	44.51 -1.02 -1.18	50.69 0.29 -2.30	51.35 0.37 -4.57	53.03 1.35 -3.23	45.26 0.00 -1.25	42.18 0.08 -0.78	38.33 0.08 0.00	34.59 0.41 0.00	31.14 0.76 0.00
ARTHUR_KILL_GT_1 23520	28.27 2.48 -0.01	25.49 2.15 0.00	23.80 1.97 0.00	22.75 1.86 0.00	22.64 1.79 0.00	23.17 1.68 0.00	25.60 1.85 0.01	28.98 2.64 0.01	32.64 2.97 0.01	34.58 3.30 1.11	35.62 3.29 1.58	36.25 3.38 2.67	36.43 3.53 3.52	37.71 3.75 6.87	41.06 3.38 3.47	49.17 4.57 -0.25	69.53 5.43 -15.99	71.64 5.11 -20.13	56.85 5.04 -3.36	38.14 2.90 8.79	37.51 2.44 6.24	37.58 2.87 3.55	35.72 3.11 1.57	32.83 2.46 0.01
ARTHUR_KILL_2 23512	28.16 2.37 -0.01	25.40 2.05 0.00	23.73 1.90 0.00	22.69 1.80 0.00	22.58 1.73 0.00	23.10 1.61 0.00	25.53 1.78 0.01	28.88 2.53 0.01	32.55 2.88 0.01	34.45 3.18 1.11	35.49 3.15 1.58	36.14 3.27 2.67	36.28 3.39 3.52	37.59 3.63 6.87	40.90 3.21 3.47	48.99 4.39 -0.25	69.29 5.20 -15.99	71.41 4.87 -20.13	56.61 4.80 -3.36	37.96 2.73 8.79	37.35 2.27 6.24	37.42 2.72 3.55	35.59 2.97 1.57	32.74 2.37 0.01
ARTHUR_KILL_3 23513	27.95 2.17 0.00	25.14 1.80 0.00	23.52 1.68 0.00	22.48 1.59 0.00	22.39 1.54 0.00	23.08 1.59 0.00	25.66 1.90 0.00	28.81 2.45 0.00	32.44 2.76 0.00	34.20 2.92 1.10	35.29 2.95 1.57	35.87 2.99 2.66	36.11 3.21 3.51	37.56 3.59 6.86	41.11 3.41 3.46	48.86 4.26 -0.25	69.06 4.96 -16.00	71.14 4.60 -20.13	56.37 4.55 -3.37	38.06 2.82 8.78	37.48 2.40 6.23	37.24 2.52 3.54	35.29 2.67 1.56	32.54 2.16 0.00
ARTHUR_KILL_COGEN 323718	28.27 2.48 -0.01	25.49 2.15 0.00	23.80 1.97 0.00	22.75 1.86 0.00	22.64 1.79 0.00	23.17 1.68 0.00	25.60 1.85 0.01	28.98 2.64 0.01	32.64 2.97 0.01	34.58 3.30 1.11	35.62 3.29 1.58	36.25 3.38 2.67	36.43 3.53 3.52	37.71 3.75 6.87	41.06 3.38 3.47	49.17 4.57 -0.25	69.53 5.43 -15.99	71.64 5.11 -20.13	56.85 5.04 -3.36	38.14 2.90 8.79	37.51 2.44 6.24	37.58 2.87 3.55	35.72 3.11 1.57	32.83 2.46 0.01
ASHOKAN____ 23654	27.72 1.93 0.00	24.86 1.52 0.00	23.25 1.42 0.00	22.12 1.23 0.00	21.97 1.13 0.00	22.65 1.16 0.00	25.09 1.33 0.00	27.49 1.13 0.00	30.81 1.13 0.00	33.42 1.04 0.00	35.06 1.15 0.00	36.71 1.17 0.00	39.05 2.55 -0.09	41.94 1.06 -0.05	47.86 1.03 -5.68	56.56 1.38 -10.83	71.54 1.83 -21.61	84.65 1.81 -36.43	77.76 2.03 -27.28	56.93 1.54 -11.37	49.69 1.24 -7.14	40.21 1.95 0.00	36.16 1.98 0.00	32.14 1.76 0.00

ASTORIA_EAST_ENERGY_CC1 323581	28.24 2.45 -0.01	25.45 2.10 -0.01	23.83 1.99 -0.01	22.77 1.88 0.00	22.67 1.81 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.65 2.97 -0.01	35.50 3.11 -0.01	37.17 3.26 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.15 3.21 -3.78	56.82 4.61 -7.86	77.20 5.48 -23.62	80.27 5.15 -28.71	73.22 4.99 -19.78	54.61 3.03 -7.56	48.45 2.40 -4.74	41.01 2.76 0.00	37.09 2.90 -0.01	32.91 2.52 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	28.24 2.45 -0.01	25.45 2.10 -0.01	23.83 1.99 -0.01	22.77 1.88 0.00	22.67 1.81 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.65 2.97 -0.01	35.50 3.11 -0.01	37.17 3.26 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.15 3.21 -3.78	56.82 4.61 -7.86	77.20 5.48 -23.62	80.27 5.15 -28.71	73.22 4.99 -19.78	54.61 3.03 -7.56	48.45 2.40 -4.74	41.01 2.76 0.00	37.09 2.90 -0.01	32.91 2.52 -0.01
ASTORIA_GT2_1 24094	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT2_2 24095	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT2_3 24096	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT2_4 24097	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT3_1 24098	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT3_2 24099	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT3_3 24100	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT3_4 24101	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT4_1 24102	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT4_2 24103	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT4_3 24104	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT4_4 24105	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.63 1.77 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.66 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.97 4.03 -3.79	56.83 4.61 -7.86	77.26 5.53 -23.62	80.28 5.15 -28.72	73.18 4.94 -19.78	54.66 3.08 -7.56	48.49 2.44 -4.74	41.09 2.83 0.00	37.16 2.97 -0.01	32.97 2.58 -0.01
ASTORIA_GT_1 23523	28.32 2.53 -0.01	25.52 2.17 -0.01	23.87 2.03 0.00	22.84 1.94 0.00	22.71 1.85 -0.01	23.34 1.85 0.00	25.71 1.95 0.00	29.11 2.74 -0.01	32.74 3.06 -0.01	35.60 3.21 -0.01	37.27 3.36 0.00	38.92 3.38 0.00	40.70 3.64 -0.64	44.95 4.08 -0.04	48.27 3.33 -3.78	56.96 4.75 -7.86	77.40 5.67 -23.62	80.41 5.29 -28.71	73.36 5.13 -19.78	54.74 3.17 -7.56	48.57 2.52 -4.74	41.13 2.87 0.00	37.20 3.01 -0.01	33.00 2.61 -0.01

ASTORIA_GT_10 24110	28.15 2.37 0.00	25.38 2.03 0.00	23.71 1.88 0.00	22.67 1.78 0.00	22.54 1.69 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.00 2.64 -0.01	32.66 2.97 -0.01	36.16 3.21 -0.58	37.16 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.80 3.87 -3.78	56.69 4.48 -7.85	77.01 5.29 -23.61	79.99 4.87 -28.71	72.88 4.65 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.09 2.83 0.00	37.26 3.08 -0.01	32.84 2.46 0.00
ASTORIA_GT_11 24225	28.15 2.37 0.00	25.38 2.03 0.00	23.71 1.88 0.00	22.67 1.78 0.00	22.54 1.69 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.00 2.64 -0.01	32.66 2.97 -0.01	36.16 3.21 -0.58	37.16 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.80 3.87 -3.78	56.69 4.48 -7.85	77.01 5.29 -23.61	79.99 4.87 -28.71	72.88 4.65 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.09 2.83 0.00	37.26 3.08 -0.01	32.84 2.46 0.00
ASTORIA_GT_12 24226	28.15 2.37 0.00	25.37 2.03 0.00	23.71 1.88 0.00	22.69 1.80 0.00	22.58 1.73 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.03 2.66 -0.01	32.65 2.97 -0.01	36.16 3.21 -0.58	37.17 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.30 3.38 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	72.97 4.75 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.01 2.76 0.00	37.20 3.01 -0.01	32.81 2.43 0.00
ASTORIA_GT_13 24227	28.15 2.37 0.00	25.37 2.03 0.00	23.71 1.88 0.00	22.69 1.80 0.00	22.58 1.73 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.03 2.66 -0.01	32.65 2.97 -0.01	36.16 3.21 -0.58	37.17 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.30 3.38 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	72.97 4.75 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.01 2.76 0.00	37.20 3.01 -0.01	32.81 2.43 0.00
ASTORIA_GT_5 24106	28.32 2.53 -0.01	25.52 2.17 -0.01	23.87 2.03 -0.01	22.84 1.94 0.00	22.71 1.85 -0.01	23.34 1.85 0.00	25.71 1.95 0.00	29.11 2.74 -0.01	32.74 3.06 -0.01	35.60 3.21 -0.01	37.27 3.36 0.00	38.92 3.38 0.00	40.70 3.64 -0.64	44.95 4.08 -0.04	48.27 3.33 -3.78	56.96 4.75 -7.86	77.40 5.67 -23.62	80.41 5.29 -28.71	73.36 5.13 -19.78	54.74 3.17 -7.56	48.57 2.52 -4.74	41.13 2.87 0.00	37.20 3.01 -0.01	33.00 2.61 -0.01
ASTORIA_GT_7 24107	28.32 2.53 -0.01	25.52 2.17 -0.01	23.87 2.03 -0.01	22.84 1.94 0.00	22.71 1.85 -0.01	23.34 1.85 0.00	25.71 1.95 0.00	29.11 2.74 -0.01	32.74 3.06 -0.01	35.60 3.21 -0.01	37.27 3.36 0.00	38.92 3.38 0.00	40.70 3.64 -0.64	44.95 4.08 -0.04	48.27 3.33 -3.78	56.96 4.75 -7.86	77.40 5.67 -23.62	80.41 5.29 -28.71	73.36 5.13 -19.78	54.74 3.17 -7.56	48.57 2.52 -4.74	41.13 2.87 0.00	37.20 3.01 -0.01	33.00 2.61 -0.01
ASTORIA_GT_8 24108	28.32 2.53 -0.01	25.52 2.17 -0.01	23.87 2.03 -0.01	22.84 1.94 0.00	22.67 1.81 -0.01	23.34 1.85 0.00	25.71 1.95 0.00	29.11 2.74 -0.01	32.74 3.06 -0.01	35.60 3.21 -0.01	37.27 3.36 0.00	38.92 3.38 0.00	40.70 3.64 -0.64	44.95 4.08 -0.04	49.09 4.16 -3.79	56.96 4.75 -7.86	77.40 5.68 -23.62	80.42 5.29 -28.72	73.32 5.09 -19.78	54.79 3.21 -7.56	48.58 2.52 -4.74	41.20 2.95 0.00	37.26 3.08 -0.01	33.03 2.64 -0.01
ASTORIA___2 24149	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.79 1.90 0.00	22.67 1.81 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.65 2.97 -0.01	35.53 3.14 -0.01	37.20 3.29 0.00	38.81 3.27 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.15 3.21 -3.78	56.82 4.61 -7.86	77.25 5.53 -23.62	80.27 5.15 -28.71	73.22 4.99 -19.78	54.65 3.08 -7.56	48.49 2.44 -4.74	41.05 2.79 0.00	37.13 2.94 -0.01	32.94 2.55 -0.01
ASTORIA___3 23516	28.15 2.37 0.00	25.37 2.03 0.00	23.71 1.88 0.00	22.69 1.80 0.00	22.58 1.73 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.03 2.66 -0.01	32.65 2.97 -0.01	36.16 3.21 -0.58	37.17 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.30 3.38 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	72.97 4.75 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.01 2.76 0.00	37.20 3.01 -0.01	32.81 2.43 0.00
ASTORIA___4 23517	28.15 2.37 0.00	25.38 2.03 0.00	23.71 1.88 0.00	22.67 1.78 0.00	22.54 1.69 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.00 2.64 -0.01	32.66 2.97 -0.01	36.16 3.21 -0.58	37.16 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.80 3.87 -3.78	56.69 4.48 -7.85	77.01 5.29 -23.61	79.99 4.87 -28.71	72.88 4.65 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.09 2.83 0.00	37.26 3.08 -0.01	32.84 2.46 0.00
ASTORIA___5 23518	28.15 2.37 0.00	25.37 2.03 0.00	23.71 1.88 0.00	22.69 1.80 0.00	22.58 1.73 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.03 2.66 -0.01	32.65 2.97 -0.01	36.16 3.21 -0.58	37.17 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.30 3.38 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	72.97 4.75 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.01 2.76 0.00	37.20 3.01 -0.01	32.81 2.43 0.00
AST_ENERGY_2_CC3 323677	28.02 2.24 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.73 1.97 0.00	28.89 2.53 0.00	32.50 2.82 0.00	35.46 3.08 0.00	36.99 3.09 0.00	38.67 3.13 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	48.51 3.58 -3.78	56.64 4.43 -7.85	76.91 5.20 -23.61	79.94 4.83 -28.70	72.97 4.75 -19.77	54.58 2.99 -7.56	48.62 2.56 -4.75	40.97 2.72 0.00	36.98 2.80 0.00	32.66 2.28 0.00
AST_ENERGY_2_CC4 323678	28.02 2.24 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.73 1.97 0.00	28.89 2.53 0.00	32.50 2.82 0.00	35.46 3.08 0.00	36.99 3.09 0.00	38.67 3.13 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	48.51 3.58 -3.78	56.64 4.43 -7.85	76.91 5.20 -23.61	79.94 4.83 -28.70	72.97 4.75 -19.77	54.58 2.99 -7.56	48.62 2.56 -4.75	40.97 2.72 0.00	36.98 2.80 0.00	32.66 2.28 0.00
ATHENS_STG_1 23668	26.89 1.11 0.00	24.37 1.03 0.00	22.84 1.00 0.00	21.83 0.94 0.00	21.75 0.90 0.00	22.46 0.97 0.00	24.78 1.02 0.00	27.60 1.24 0.00	31.05 1.37 0.00	33.84 1.46 0.00	35.44 1.53 0.00	37.10 1.56 0.00	38.28 1.68 -0.19	42.75 1.88 -0.04	46.97 1.81 -4.01	54.22 2.08 -7.78	66.72 2.36 -16.26	78.31 2.18 -29.72	71.47 2.18 -20.84	53.63 1.58 -8.03	47.76 1.41 -5.04	39.67 1.42 0.00	35.55 1.37 0.00	31.54 1.15 0.00
ATHENS_STG_2 23670	26.89 1.11 0.00	24.37 1.03 0.00	22.84 1.00 0.00	21.83 0.94 0.00	21.75 0.90 0.00	22.46 0.97 0.00	24.78 1.02 0.00	27.60 1.24 0.00	31.05 1.37 0.00	33.84 1.46 0.00	35.44 1.53 0.00	37.10 1.56 0.00	38.28 1.68 -0.19	42.75 1.88 -0.04	46.97 1.81 -4.01	54.22 2.08 -7.78	66.72 2.36 -16.26	78.31 2.18 -29.72	71.47 2.18 -20.84	53.63 1.58 -8.03	47.76 1.41 -5.04	39.67 1.42 0.00	35.55 1.37 0.00	31.54 1.15 0.00

ATHENS_STG_3 23677	26.89 1.11 0.00	24.37 1.03 0.00	22.84 1.00 0.00	21.83 0.94 0.00	21.75 0.90 0.00	22.46 0.97 0.00	24.78 1.02 0.00	27.60 1.24 0.00	31.05 1.37 0.00	33.84 1.46 0.00	35.44 1.53 0.00	37.10 1.56 0.00	38.28 1.68 -0.19	42.75 1.88 -0.04	46.97 1.81 -4.01	54.22 2.08 -7.78	66.72 2.36 -16.26	78.31 2.18 -29.72	71.47 2.18 -20.84	53.63 1.58 -8.03	47.76 1.41 -5.04	39.67 1.42 0.00	35.55 1.37 0.00	31.54 1.15 0.00
AUBURN____LFGE 323710	26.04 0.26 0.00	23.74 0.40 0.00	22.16 0.33 0.00	21.16 0.27 0.00	21.06 0.21 0.00	21.86 0.37 0.00	24.09 0.33 0.00	26.75 0.40 0.00	30.12 0.45 0.00	32.83 0.45 0.00	34.49 0.58 0.00	36.22 0.68 0.00	37.04 0.62 0.00	41.57 0.73 0.00	42.29 0.70 -0.44	46.02 0.84 -0.83	51.26 1.54 -1.61	51.20 1.58 -3.21	52.51 1.79 -2.27	46.26 1.36 -0.88	42.94 1.07 -0.55	39.10 0.84 0.00	34.79 0.62 0.00	30.90 0.52 0.00
BABYLON_RES_REC 323704	34.93 2.89 -6.26	30.49 2.59 -4.55	25.55 2.42 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.23 2.32 -0.42	26.41 2.64 -0.02	33.25 3.19 -3.71	35.25 3.56 -2.01	36.46 3.79 -0.29	42.15 3.80 -4.45	43.88 3.55 -4.78	49.95 3.79 -9.75	56.43 3.96 -11.64	56.08 3.83 -11.10	68.57 4.66 -19.57	84.37 5.43 -30.84	88.56 5.06 -37.09	80.89 5.04 -27.40	59.67 3.56 -12.09	53.03 3.01 -8.70	42.26 3.44 -0.56	42.42 3.76 -4.49	39.38 3.10 -5.90
BABYLON__69_KV_BK2 356345	35.32 3.27 -6.26	30.77 2.87 -4.55	25.81 2.69 -1.29	23.44 2.53 -0.02	24.71 2.42 -1.44	24.49 2.58 -0.42	26.74 2.97 -0.02	33.60 3.53 -3.71	35.73 4.04 -2.01	37.01 4.34 -0.29	44.60 4.41 -6.28	45.82 4.51 -5.76	60.78 4.77 -19.59	57.58 5.10 -11.64	65.99 5.19 -19.66	78.35 5.90 -28.10	101.07 6.83 -46.13	100.72 6.40 -47.90	101.13 6.49 -46.19	70.76 4.89 -21.86	62.75 4.17 -17.27	44.43 4.40 -1.78	43.88 4.37 -5.33	39.92 3.62 -5.92
BARON_WINDS____WT_PWR 323822	25.91 0.13 0.00	23.37 0.02 0.00	21.70 -0.13 0.00	20.68 -0.21 0.00	20.56 -0.29 0.00	21.38 -0.11 0.00	23.90 0.14 0.00	26.28 -0.08 0.00	29.56 -0.12 0.00	32.25 -0.13 0.00	33.71 -0.20 0.00	35.29 -0.25 0.00	35.98 -0.44 0.00	40.14 -0.69 -0.01	41.39 -0.58 -0.81	45.04 -0.84 -1.53	51.43 0.34 -2.99	52.73 0.37 -5.94	53.72 1.06 -4.20	45.82 0.18 -1.62	42.46 0.12 -1.02	38.29 0.04 0.00	34.42 0.24 0.00	30.93 0.55 0.00
BARRETT_IC_1 23704	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_10 23701	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_11 23702	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_12 23703	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_2 23705	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_3 23706	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_4 23707	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_5 23708	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_6 23709	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_7 23710	34.59 2.55 -6.26	30.14 2.24 -4.55	25.24 2.12 -1.29	22.89 1.98 -0.02	24.17 1.88 -1.44	23.93 2.02 -0.42	26.08 2.30 -0.02	32.75 2.69 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	52.17 3.87 -7.15	64.24 4.26 -15.63	76.84 4.95 -23.78	79.72 4.59 -28.72	72.79 4.55 -19.78	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.98 0.00	63.52 3.14 -26.20	38.84 2.58 -5.88

BARRETT_IC_8 23711	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT_IC_9 23700	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT___1 23545	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BARRETT___2 23546	34.60 2.55 -6.26	30.14 2.24 -4.55	25.25 2.12 -1.30	22.90 1.99 -0.02	24.24 1.94 -1.45	23.93 2.02 -0.42	26.08 2.30 -0.02	32.78 2.72 -3.71	34.66 2.97 -2.01	35.81 3.14 -0.29	40.37 3.05 -3.41	42.96 3.16 -4.25	44.00 3.42 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.23 4.26 -15.62	76.83 4.96 -23.77	79.71 4.60 -28.70	72.77 4.55 -19.77	54.86 3.26 -7.58	48.83 2.77 -4.75	41.24 2.99 0.00	63.49 3.11 -26.20	38.85 2.58 -5.89
BATAVIA___115KV_TB1 55881	26.04 0.26 0.00	23.51 0.16 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.62 -0.23 0.00	21.45 -0.04 0.00	24.09 0.33 0.00	26.28 -0.08 0.00	29.56 -0.12 0.00	32.28 -0.10 0.00	33.77 -0.14 0.00	35.36 -0.18 0.00	35.91 -0.51 0.00	40.06 -0.78 0.00	40.50 -1.15 -0.50	44.00 -1.29 -0.94	50.03 0.10 -1.83	50.38 0.32 -3.64	52.43 1.41 -2.57	45.23 0.22 -0.99	42.10 0.17 -0.62	38.29 0.04 0.00	34.38 0.21 0.00	31.02 0.64 0.00
BAYONEEC___CTG1 323682	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG10 323750	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG2 323683	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG3 323684	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG4 323685	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG5 323686	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG6 323687	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG7 323688	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG8 323689	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00
BAYONEEC___CTG9 323749	28.05 2.27 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	41.27 3.58 3.46	49.04 4.43 -0.25	69.30 5.20 -16.00	71.37 4.83 -20.13	56.57 4.75 -3.37	38.28 3.03 8.78	37.65 2.56 6.23	41.01 2.76 0.00	37.01 2.84 0.00	32.69 2.31 0.00

BEACON___LESR 323632	26.92 1.13 0.00	24.44 1.10 0.00	22.86 1.03 0.00	21.83 0.94 0.00	21.79 0.94 0.00	22.50 1.01 0.00	24.85 1.09 0.00	27.62 1.27 0.00	31.10 1.42 0.00	33.87 1.49 0.00	35.54 1.63 0.00	37.21 1.67 0.00	38.14 1.56 -0.16	42.79 1.88 -0.08	51.20 1.85 -8.19	62.06 2.04 -15.66	81.14 2.31 -30.72	107.97 2.23 -59.33	93.26 2.28 -42.53	62.32 1.89 -16.41	53.35 1.73 -10.31	39.94 1.68 0.00	35.82 1.64 0.00	31.81 1.43 0.00
BEAVER RIVER___HYD 24048	25.42 -0.36 0.00	22.95 -0.40 0.00	21.40 -0.44 0.00	20.54 -0.36 0.00	20.47 -0.37 0.00	21.12 -0.37 0.00	23.43 -0.33 0.00	25.54 -0.82 0.00	28.67 -1.01 0.00	31.28 -1.10 0.00	32.62 -1.29 0.00	34.30 -1.24 0.00	35.07 -1.35 0.00	39.36 -1.47 0.00	40.58 -0.58 0.00	43.55 -0.80 0.00	47.33 -0.77 0.00	45.99 -0.42 0.00	48.65 0.19 0.00	44.72 0.70 0.00	41.89 0.58 0.00	38.68 0.42 0.00	34.18 0.00 0.00	30.35 -0.03 0.00
BEEBEE_GT_13 23619	25.78 0.00 0.00	23.32 -0.02 0.00	21.68 -0.15 0.00	20.70 -0.19 0.00	20.54 -0.31 0.00	21.38 -0.11 0.00	23.85 0.10 0.00	26.20 -0.16 0.00	29.50 -0.18 0.00	32.22 -0.16 0.00	33.77 -0.14 0.00	35.44 -0.11 0.00	36.13 -0.29 0.00	40.43 -0.41 0.00	40.86 -0.70 -0.41	44.37 -0.75 -0.78	49.91 0.29 -1.52	49.84 0.42 -3.01	51.70 1.11 -2.13	45.02 0.18 -0.82	41.87 0.04 -0.52	38.18 -0.08 0.00	34.18 0.00 0.00	30.69 0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.47 2.68 -0.01	25.61 2.26 0.00	23.93 2.10 0.00	22.90 2.01 0.00	22.73 1.88 0.00	23.36 1.87 0.00	25.87 2.11 0.00	29.26 2.90 -0.01	32.98 3.29 -0.01	40.15 3.66 -4.11	37.57 3.66 0.00	39.37 3.77 -0.06	41.03 3.97 -0.64	45.15 4.29 -0.04	49.33 4.40 -3.78	78.23 5.10 -28.78	98.94 6.01 -44.83	80.74 5.57 -28.76	75.18 5.47 -21.25	54.96 3.39 -7.56	48.99 2.93 -4.74	41.72 3.40 -0.06	37.88 3.59 -0.11	33.21 2.83 0.00
BETHLEHEM___GRP 23843	26.50 0.72 0.00	24.07 0.72 0.00	22.55 0.72 0.00	21.54 0.65 0.00	21.43 0.58 0.00	22.18 0.69 0.00	24.47 0.71 0.00	27.17 0.82 0.00	30.60 0.92 0.00	33.32 0.94 0.00	34.86 0.95 0.00	36.57 1.03 0.00	37.52 0.95 -0.16	42.01 1.10 -0.08	50.34 1.07 -8.12	61.03 1.15 -15.53	79.88 1.30 -30.48	106.46 1.21 -58.84	91.81 1.21 -42.15	61.20 0.92 -16.26	52.35 0.83 -10.21	39.10 0.84 0.00	35.14 0.96 0.00	31.20 0.82 0.00
BETHLEHEM___GS1 323560	26.50 0.72 0.00	24.07 0.72 0.00	22.55 0.72 0.00	21.54 0.65 0.00	21.47 0.62 0.00	22.18 0.69 0.00	24.47 0.71 0.00	27.17 0.82 0.00	30.60 0.92 0.00	33.32 0.94 0.00	34.93 1.02 0.00	36.57 1.03 0.00	37.52 0.95 -0.16	42.01 1.10 -0.08	50.34 1.07 -8.12	61.03 1.15 -15.52	79.88 1.30 -30.48	106.45 1.20 -58.83	91.81 1.21 -42.15	61.20 0.93 -16.26	52.35 0.83 -10.21	39.10 0.84 0.00	35.10 0.92 0.00	31.20 0.82 0.00
BETHLEHEM___GS2 323561	26.50 0.72 0.00	24.07 0.72 0.00	22.55 0.72 0.00	21.54 0.65 0.00	21.47 0.62 0.00	22.18 0.69 0.00	24.47 0.71 0.00	27.17 0.82 0.00	30.60 0.92 0.00	33.32 0.94 0.00	34.93 1.02 0.00	36.57 1.03 0.00	37.52 0.95 -0.16	42.01 1.10 -0.08	50.34 1.07 -8.12	61.03 1.15 -15.52	79.88 1.30 -30.48	106.45 1.20 -58.83	91.81 1.21 -42.15	61.20 0.93 -16.26	52.35 0.83 -10.21	39.10 0.84 0.00	35.10 0.92 0.00	31.20 0.82 0.00
BETHLEHEM___GS3 323562	26.50 0.72 0.00	24.07 0.72 0.00	22.55 0.72 0.00	21.54 0.65 0.00	21.47 0.62 0.00	22.18 0.69 0.00	24.47 0.71 0.00	27.17 0.82 0.00	30.60 0.92 0.00	33.32 0.94 0.00	34.93 1.02 0.00	36.57 1.03 0.00	37.52 0.95 -0.16	42.01 1.10 -0.08	50.34 1.07 -8.12	61.03 1.15 -15.52	79.88 1.30 -30.48	106.45 1.20 -58.83	91.81 1.21 -42.15	61.20 0.93 -16.26	52.35 0.83 -10.21	39.10 0.84 0.00	35.10 0.92 0.00	31.20 0.82 0.00
BETHLEHEM___STEEL 23779	25.63 -0.15 0.00	23.13 -0.21 0.00	21.46 -0.37 0.00	20.45 -0.44 0.00	20.24 -0.60 0.00	21.13 -0.37 0.00	23.69 -0.07 0.00	25.78 -0.58 0.00	29.03 -0.65 0.00	31.73 -0.65 0.00	33.23 -0.68 0.00	34.76 -0.78 0.00	35.29 -1.13 0.00	39.28 -1.55 -0.01	39.81 -1.93 -0.59	43.34 -2.13 -1.12	49.43 -0.87 -2.19	49.98 -0.79 -4.35	51.77 0.24 -3.08	44.37 -0.84 -1.19	41.15 -0.91 -0.75	37.41 -0.84 0.00	33.70 -0.48 0.00	30.53 0.15 0.00
BETHLHEM_115KV_TB1 79974	26.56 0.77 0.00	24.14 0.79 0.00	22.60 0.76 0.00	21.58 0.69 0.00	21.47 0.63 0.00	22.22 0.73 0.00	24.52 0.76 0.00	27.23 0.87 0.00	30.66 0.98 0.00	33.39 1.00 0.00	34.96 1.05 0.00	36.64 1.10 0.00	37.63 1.06 -0.16	42.09 1.18 -0.07	50.26 1.19 -7.92	60.74 1.24 -15.14	79.31 1.44 -29.76	105.10 1.30 -57.39	90.86 1.31 -41.10	60.89 1.01 -15.86	52.18 0.91 -9.96	39.21 0.96 0.00	35.20 1.03 0.00	31.29 0.91 0.00
BETHPAGE_CC_5 323564	34.83 2.79 -6.26	30.39 2.50 -4.55	25.46 2.34 -1.29	23.10 2.19 -0.02	24.44 2.15 -1.44	24.14 2.23 -0.42	26.32 2.54 -0.02	33.15 3.08 -3.71	35.10 3.41 -2.01	36.36 3.69 -0.29	41.57 3.70 -3.96	43.85 3.80 -4.51	47.60 4.04 -7.14	56.92 4.45 -11.64	53.70 4.32 -8.23	66.20 5.14 -16.70	79.73 5.92 -25.71	83.31 5.52 -31.37	75.99 5.52 -22.02	56.79 3.96 -8.81	50.57 3.43 -5.83	42.04 3.64 -0.15	42.58 3.59 -4.81	39.22 2.95 -5.89
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.68 -0.10 0.00	23.16 -0.19 0.00	21.48 -0.35 0.00	20.47 -0.42 0.00	20.24 -0.60 0.00	21.15 -0.34 0.00	23.71 -0.05 0.00	25.83 -0.53 0.00	29.09 -0.59 0.00	31.80 -0.58 0.00	33.33 -0.58 0.00	34.87 -0.68 0.00	35.40 -1.02 0.00	39.37 -1.47 -0.01	39.94 -1.81 -0.60	43.49 -2.00 -1.14	49.60 -0.72 -2.22	50.13 -0.70 -4.42	51.91 0.34 -3.12	44.48 -0.75 -1.21	41.28 -0.78 -0.76	37.49 -0.77 0.00	33.77 -0.41 0.00	30.59 0.21 0.00
BINGHAMTON___COGEN 23790	26.17 0.39 0.00	23.62 0.28 0.00	22.05 0.22 0.00	21.06 0.17 0.00	20.93 0.08 0.00	21.73 0.24 0.00	24.14 0.38 0.00	26.70 0.34 0.00	30.04 0.36 0.00	32.77 0.39 0.00	34.35 0.44 0.00	36.00 0.46 0.00	36.85 0.44 0.00	41.29 0.45 -0.01	42.82 0.41 -1.26	47.17 0.44 -2.37	53.89 1.15 -4.63	56.70 1.07 -9.22	56.32 1.36 -6.52	47.37 0.84 -2.52	43.55 0.66 -1.58	38.83 0.57 0.00	34.66 0.48 0.00	30.93 0.55 0.00
BIXINCNT_115KV_LOAD 355685	25.47 -0.31 0.00	22.99 -0.35 0.00	21.29 -0.55 0.00	20.27 -0.63 0.00	20.10 -0.75 0.00	21.02 -0.47 0.00	23.62 -0.14 0.00	25.78 -0.58 0.00	29.17 -0.50 0.00	31.99 -0.39 0.00	33.47 -0.44 0.00	34.97 -0.57 0.00	35.40 -1.02 0.00	39.33 -1.51 -0.01	39.99 -1.81 -0.64	43.57 -2.00 -1.22	49.66 -0.82 -2.38	50.26 -0.88 -4.73	51.99 0.19 -3.34	44.52 -0.79 -1.29	41.26 -0.87 -0.81	37.49 -0.77 0.00	33.84 -0.34 0.00	30.62 0.24 0.00
BLACK RIVER___HYD 24047	25.60 -0.18 0.00	23.09 -0.26 0.00	21.53 -0.31 0.00	20.68 -0.21 0.00	20.56 -0.29 0.00	21.25 -0.24 0.00	23.62 -0.14 0.00	25.99 -0.37 0.00	29.11 -0.56 0.00	31.73 -0.65 0.00	33.13 -0.78 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.01 -0.82 0.00	40.91 -0.25 0.00	43.86 -0.49 0.00	47.67 -0.43 0.00	46.46 0.05 0.00	49.03 0.58 0.00	45.16 1.14 0.00	42.26 0.95 0.00	39.06 0.80 0.00	34.39 0.21 0.00	30.53 0.15 0.00

BLACKRVR_115KV_TB2 79977	25.60 -0.18 0.00	23.09 -0.26 0.00	21.53 -0.31 0.00	20.68 -0.21 0.00	20.58 -0.27 0.00	21.25 -0.24 0.00	23.62 -0.14 0.00	25.99 -0.37 0.00	29.12 -0.56 0.00	31.73 -0.65 0.00	33.13 -0.78 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.01 -0.82 0.00	40.91 -0.25 0.00	43.86 -0.49 0.00	47.67 -0.43 0.00	46.46 0.05 0.00	49.08 0.63 0.00	45.16 1.14 0.00	42.26 0.95 0.00	39.06 0.80 0.00	34.35 0.17 0.00	30.53 0.15 0.00
BLISS_WT_PWR 323608	25.42 -0.36 0.00	22.95 -0.40 0.00	21.25 -0.59 0.00	20.22 -0.67 0.00	20.12 -0.73 0.00	20.97 -0.52 0.00	23.54 -0.21 0.00	25.72 -0.63 0.00	29.15 -0.53 0.00	31.96 -0.42 0.00	33.37 -0.54 0.00	34.94 -0.60 0.00	35.32 -1.09 0.00	39.20 -1.63 -0.01	40.23 -1.56 -0.64	43.48 -2.08 -1.22	49.57 -0.92 -2.38	50.16 -0.98 -4.73	51.89 0.10 -3.34	44.34 -0.97 -1.29	41.17 -0.95 -0.81	37.45 -0.81 0.00	33.98 -0.20 0.00	30.62 0.24 0.00
BLUE_CIRC_CHEM_DRP 24182	26.92 1.13 0.00	24.44 1.10 0.00	22.90 1.07 0.00	21.87 0.98 0.00	21.77 0.92 0.00	22.52 1.03 0.00	24.85 1.09 0.00	27.57 1.21 0.00	31.04 1.37 0.00	33.77 1.39 0.00	35.33 1.42 0.00	37.07 1.53 0.00	37.29 0.73 -0.15	41.75 0.86 -0.07	48.95 0.82 -6.98	58.54 0.84 -13.35	75.37 0.91 -26.35	91.86 0.84 -44.61	83.01 0.87 -33.69	58.69 0.70 -13.97	50.75 0.66 -8.77	38.94 0.69 0.00	35.68 1.50 0.00	31.75 1.37 0.00
BOC_GAS_DRP 24189	26.71 0.93 0.00	24.23 0.89 0.00	22.69 0.85 0.00	21.69 0.79 0.00	21.58 0.73 0.00	22.31 0.82 0.00	24.61 0.86 0.00	27.36 1.00 0.00	30.81 1.13 0.00	33.55 1.17 0.00	35.13 1.22 0.00	36.82 1.28 0.00	37.77 1.20 -0.16	42.24 1.35 -0.06	49.27 1.32 -6.80	58.79 1.42 -13.02	75.44 1.59 -25.75	97.65 1.44 -49.80	85.42 1.50 -35.46	58.77 1.14 -13.61	50.89 1.03 -8.55	39.29 1.03 0.00	35.34 1.16 0.00	31.38 1.00 0.00
BOONVILLE_115KV_TB1 79983	26.22 0.44 0.00	23.62 0.28 0.00	22.05 0.22 0.00	21.14 0.25 0.00	21.04 0.19 0.00	21.75 0.26 0.00	24.21 0.45 0.00	27.07 0.71 0.00	30.42 0.74 0.00	33.19 0.81 0.00	34.76 0.85 0.00	36.54 1.00 0.00	37.40 0.98 0.00	41.93 1.10 0.00	41.98 0.82 0.00	45.15 0.80 0.00	49.26 1.15 0.00	47.71 1.30 0.00	49.86 1.41 0.00	45.51 1.50 0.00	42.59 1.28 0.00	39.40 1.15 0.00	34.90 0.72 0.00	30.99 0.61 0.00
BORALEX_4TH_BRANCH 23824	27.38 1.60 0.00	24.91 1.56 0.00	23.30 1.46 0.00	22.23 1.34 0.00	22.18 1.34 0.00	22.97 1.48 0.00	25.37 1.62 0.00	28.12 1.77 0.00	31.61 1.93 0.00	34.32 1.94 0.00	36.08 2.17 0.00	37.82 2.28 0.00	39.07 2.48 -0.18	43.70 2.78 -0.09	53.55 2.72 -9.68	65.68 2.84 -18.49	86.79 3.13 -35.56	118.53 2.93 -69.19	101.84 3.15 -50.24	66.13 2.73 -19.39	56.09 2.60 -12.18	40.71 2.45 0.00	36.20 2.02 0.00	32.30 1.92 0.00
BOWLINE___1 23526	27.56 1.78 0.00	24.95 1.61 0.00	23.34 1.51 0.00	22.29 1.40 0.00	22.18 1.34 0.00	22.91 1.42 0.00	25.35 1.59 0.00	28.28 1.92 0.00	31.82 2.14 0.00	34.71 2.33 0.00	36.28 2.37 0.00	37.96 2.42 0.00	37.96 2.62 1.08	43.81 2.94 -0.03	47.62 2.84 -3.63	53.46 3.46 -5.65	56.38 4.04 -4.24	77.03 3.67 -26.96	70.57 3.64 -18.49	53.66 2.38 -7.27	47.90 2.02 -4.56	40.36 2.10 0.00	36.20 2.02 0.00	32.02 1.64 0.00
BOWLINE___2 23595	27.61 1.83 0.00	24.95 1.61 0.00	23.36 1.53 0.00	22.29 1.40 0.00	22.20 1.35 0.00	22.91 1.42 0.00	25.37 1.62 0.00	28.31 1.95 0.00	31.88 2.20 0.00	34.74 2.36 0.00	36.32 2.41 0.00	37.96 2.42 0.00	37.96 2.62 1.08	43.81 2.94 -0.03	47.62 2.84 -3.63	53.46 3.46 -5.65	56.36 4.04 -4.22	77.08 3.71 -26.96	70.58 3.64 -18.49	53.66 2.38 -7.27	47.90 2.02 -4.56	40.36 2.10 0.00	36.20 2.02 0.00	32.02 1.64 0.00
BRADY___115KV_TB2 356060	25.40 -0.39 0.00	22.92 -0.42 0.00	21.38 -0.46 0.00	20.52 -0.38 0.00	20.58 -0.27 0.00	21.08 -0.41 0.00	23.26 -0.50 0.00	25.80 -0.55 0.00	29.09 -0.59 0.00	31.83 -0.55 0.00	33.30 -0.61 0.00	34.90 -0.64 0.00	35.69 -0.73 0.00	40.10 -0.73 0.00	40.49 -0.66 0.00	43.55 -0.80 0.00	46.81 -1.30 0.00	45.44 -0.97 0.00	47.39 -1.07 0.00	43.71 -0.31 0.00	41.15 -0.17 0.00	37.95 -0.31 0.00	33.74 -0.44 0.00	29.99 -0.39 0.00
BRANSCOMB___SOLAR 323811	27.28 1.49 0.00	24.79 1.45 0.00	23.21 1.38 0.00	22.15 1.25 0.00	22.08 1.23 0.00	22.85 1.35 0.00	25.26 1.50 0.00	28.05 1.69 0.00	31.52 1.84 0.00	34.32 1.94 0.00	35.98 2.07 0.00	37.78 2.24 0.00	38.94 2.37 -0.16	43.84 2.90 -0.11	55.77 2.92 -11.70	69.74 3.10 -22.28	95.21 3.61 -43.49	134.75 3.48 -84.86	112.83 3.68 -60.69	70.75 3.30 -23.43	59.16 3.14 -14.71	41.09 2.83 0.00	36.50 2.33 0.00	32.45 2.07 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.06 3.02 -6.26	30.58 2.68 -4.55	25.66 2.53 -1.29	23.29 2.38 -0.02	24.56 2.27 -1.44	24.34 2.43 -0.42	26.55 2.78 -0.02	33.39 3.32 -3.71	35.46 3.77 -2.01	36.69 4.02 -0.29	48.67 4.00 -10.76	47.07 3.95 -7.58	84.33 4.26 -43.65	56.80 4.33 -11.64	65.43 4.40 -19.88	77.69 5.01 -28.33	100.46 5.82 -46.53	92.19 5.43 -40.34	98.22 5.43 -44.34	70.09 3.96 -22.11	62.15 3.35 -17.49	43.73 3.67 -1.81	44.33 3.79 -6.35	39.60 3.22 -6.00
BRISTLHL_115KV_TB1 79998	25.29 -0.49 0.00	22.88 -0.47 0.00	21.40 -0.44 0.00	20.47 -0.42 0.00	20.37 -0.48 0.00	21.08 -0.41 0.00	23.35 -0.40 0.00	25.91 -0.45 0.00	29.17 -0.50 0.00	31.80 -0.58 0.00	33.33 -0.58 0.00	34.97 -0.57 0.00	35.83 -0.58 0.00	40.18 -0.65 0.00	40.41 -0.74 0.00	43.55 -0.80 0.00	47.67 -0.43 0.00	45.99 -0.42 0.00	48.11 -0.34 0.00	43.53 -0.48 0.00	40.78 -0.54 0.00	37.68 -0.57 0.00	33.56 -0.62 0.00	29.90 -0.49 0.00
BROOKHAVEN___DRP 24191	34.95 2.91 -6.26	30.46 2.57 -4.55	25.57 2.45 -1.29	23.19 2.28 -0.02	24.48 2.19 -1.44	24.25 2.34 -0.42	26.48 2.71 -0.02	33.31 3.24 -3.71	35.34 3.65 -2.01	36.69 4.02 -0.29	43.27 3.80 -5.57	46.33 3.95 -6.84	56.39 4.19 -15.78	57.01 4.53 -11.65	113.72 4.61 -67.96	125.88 5.23 -76.30	186.72 6.11 -132.51	177.69 5.66 -125.62	203.22 5.72 -149.05	125.22 4.18 -77.02	110.48 3.55 -65.62	50.60 3.71 -8.63	42.28 3.76 -4.34	39.34 3.07 -5.89
BROOKLYN_NAVY_YARD 23515	28.08 2.29 0.00	25.28 1.94 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.50 1.65 0.00	23.17 1.68 0.00	25.73 1.97 0.00	28.94 2.58 0.00	32.59 2.91 0.00	35.52 3.14 0.00	37.03 3.12 0.00	38.70 3.16 0.00	40.48 3.42 -0.64	44.70 3.84 -0.04	48.55 3.62 -3.78	56.73 4.53 -7.85	77.01 5.29 -23.61	80.03 4.92 -28.70	73.11 4.89 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.05 2.79 0.00	37.12 2.94 0.00	32.72 2.34 0.00
BROOKLYN___ARMY_DRP 323595	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00

BROOKVLE_69_KV_TB1 55790	34.75 2.71 -6.26	30.25 2.36 -4.55	25.33 2.21 -1.29	22.98 2.07 -0.02	24.25 1.96 -1.44	24.01 2.11 -0.42	26.20 2.42 -0.02	32.99 2.93 -3.71	35.04 3.35 -2.01	36.30 3.63 -0.29	41.08 3.76 -3.41	43.63 3.84 -4.25	44.69 4.12 -4.16	57.09 4.61 -11.64	53.00 4.69 -7.15	65.30 5.32 -15.63	77.99 6.11 -23.78	80.79 5.66 -28.72	73.90 5.67 -19.78	55.69 4.09 -7.58	49.58 3.51 -4.75	41.85 3.60 0.00	44.04 3.49 -6.37	39.18 2.92 -5.88
BROOME_2_LFGE 323671	26.17 0.39 0.00	23.63 0.28 0.00	22.05 0.22 0.00	21.06 0.17 0.00	20.95 0.10 0.00	21.73 0.24 0.00	24.14 0.38 0.00	26.70 0.34 0.00	30.04 0.36 0.00	32.77 0.39 0.00	34.35 0.44 0.00	36.00 0.46 0.00	36.86 0.44 0.00	41.25 0.41 -0.01	42.86 0.45 -1.26	47.17 0.44 -2.37	53.85 1.11 -4.63	56.74 1.11 -9.22	56.27 1.31 -6.51	47.33 0.79 -2.52	43.55 0.66 -1.58	38.83 0.57 0.00	34.69 0.51 0.00	30.93 0.55 0.00
BROOME___LFGE 323600	26.17 0.39 0.00	23.63 0.28 0.00	22.05 0.22 0.00	21.06 0.17 0.00	20.95 0.10 0.00	21.73 0.24 0.00	24.14 0.38 0.00	26.70 0.34 0.00	30.04 0.36 0.00	32.77 0.39 0.00	34.35 0.44 0.00	36.00 0.46 0.00	36.86 0.44 0.00	41.25 0.41 -0.01	42.86 0.45 -1.26	47.17 0.44 -2.37	53.85 1.11 -4.63	56.74 1.11 -9.22	56.27 1.31 -6.51	47.33 0.79 -2.52	43.55 0.66 -1.58	38.83 0.57 0.00	34.69 0.51 0.00	30.93 0.55 0.00
BROWNFLS_115KV_TB_3_5 80003	24.98 -0.80 0.00	22.55 -0.79 0.00	21.05 -0.79 0.00	20.20 -0.69 0.00	20.20 -0.65 0.00	20.76 -0.73 0.00	22.93 -0.83 0.00	25.20 -1.16 0.00	28.34 -1.34 0.00	30.99 -1.39 0.00	32.35 -1.56 0.00	33.94 -1.60 0.00	34.70 -1.71 0.00	38.95 -1.88 0.00	39.88 -1.28 0.00	42.84 -1.51 0.00	46.28 -1.83 0.00	45.02 -1.39 0.00	47.34 -1.11 0.00	43.53 -0.48 0.00	40.86 -0.45 0.00	37.72 -0.54 0.00	33.43 -0.75 0.00	29.68 -0.70 0.00
BROWNSV1_27_KV_LOAD 356125	28.34 2.55 0.00	25.52 2.17 0.00	23.86 2.03 0.00	22.81 1.92 0.00	22.66 1.81 0.00	23.38 1.89 0.00	25.97 2.21 0.00	29.20 2.85 0.00	32.88 3.21 0.00	35.88 3.50 0.00	37.44 3.53 0.00	39.17 3.63 0.00	40.92 3.86 -0.64	45.19 4.33 -0.04	49.37 4.44 -3.78	57.31 5.10 -7.85	77.68 5.96 -23.62	80.69 5.57 -28.71	73.80 5.57 -19.77	55.19 3.61 -7.56	49.20 3.14 -4.75	41.55 3.29 0.00	37.56 3.38 0.00	33.05 2.67 0.00
BURROWS___LYONSDAL 23803	26.01 0.23 0.00	23.44 0.09 0.00	21.88 0.04 0.00	20.98 0.08 0.00	20.89 0.04 0.00	21.58 0.09 0.00	24.02 0.26 0.00	27.04 0.69 0.00	30.39 0.71 0.00	33.16 0.78 0.00	34.72 0.81 0.00	36.50 0.96 0.00	37.36 0.95 0.00	41.89 1.06 0.00	41.65 0.49 0.00	44.75 0.40 0.00	48.78 0.67 0.00	47.29 0.88 0.00	49.61 1.16 0.00	45.38 1.36 0.00	42.47 1.16 0.00	39.25 0.99 0.00	34.76 0.58 0.00	30.87 0.49 0.00
CAITHNESS_CC_1 323624	34.88 2.84 -6.26	30.42 2.52 -4.55	25.52 2.40 -1.29	23.17 2.26 -0.02	24.48 2.19 -1.44	24.21 2.30 -0.42	26.41 2.64 -0.02	33.23 3.16 -3.71	35.28 3.59 -2.01	36.59 3.92 -0.29	43.17 3.70 -5.56	46.18 3.80 -6.83	56.18 4.01 -15.75	56.89 4.41 -11.65	113.04 4.24 -67.65	125.39 5.05 -75.98	185.87 5.82 -131.95	235.61 5.47 -183.73	201.87 5.43 -148.00	124.60 3.92 -76.67	109.96 3.34 -65.30	50.40 3.56 -8.59	43.56 3.59 -5.79	39.27 2.98 -5.91
CALPINE BETH_PAGE_GT4 24209	34.77 2.73 -6.26	30.37 2.47 -4.55	25.44 2.31 -1.29	23.08 2.17 -0.02	24.35 2.06 -1.44	24.12 2.21 -0.42	26.32 2.54 -0.02	33.12 3.06 -3.71	35.07 3.38 -2.01	36.30 3.63 -0.29	41.34 3.63 -3.81	43.78 3.80 -4.44	46.73 4.01 -6.31	56.92 4.45 -11.64	53.64 4.53 -7.96	65.88 5.10 -16.43	79.19 5.87 -25.22	80.60 5.48 -28.72	75.38 5.47 -21.45	56.48 3.96 -8.50	50.26 3.39 -5.56	41.97 3.60 -0.11	43.25 3.59 -5.48	39.18 2.92 -5.89
CALPINE_BETH_PAGE_GT_4 323586	34.77 2.73 -6.26	30.37 2.47 -4.55	25.44 2.31 -1.29	23.08 2.17 -0.02	24.42 2.13 -1.44	24.12 2.21 -0.42	26.32 2.54 -0.02	33.15 3.08 -3.71	35.07 3.38 -2.01	36.30 3.63 -0.29	41.35 3.63 -3.81	43.74 3.77 -4.44	46.73 4.01 -6.31	56.88 4.41 -11.64	53.39 4.28 -7.96	65.88 5.10 -16.43	79.19 5.87 -25.22	82.58 5.47 -30.70	75.37 5.47 -21.45	56.43 3.92 -8.50	50.26 3.39 -5.56	41.96 3.59 -0.11	43.23 3.52 -5.53	39.16 2.89 -5.89
CALPINE_BP_GT1 23823	34.77 2.73 -6.26	30.37 2.47 -4.55	25.44 2.31 -1.29	23.08 2.17 -0.02	24.42 2.13 -1.44	24.12 2.21 -0.42	26.32 2.54 -0.02	33.15 3.08 -3.71	35.07 3.38 -2.01	36.30 3.63 -0.29	41.35 3.63 -3.81	43.74 3.77 -4.44	46.73 4.01 -6.31	56.88 4.41 -11.64	53.39 4.28 -7.96	65.88 5.10 -16.43	79.19 5.87 -25.22	82.58 5.47 -30.70	75.37 5.47 -21.45	56.43 3.92 -8.50	50.26 3.39 -5.56	41.96 3.59 -0.11	43.23 3.52 -5.53	39.16 2.89 -5.89
CALSPAN___DRP 24200	25.63 -0.15 0.00	23.13 -0.21 0.00	21.46 -0.37 0.00	20.45 -0.44 0.00	20.24 -0.60 0.00	21.13 -0.37 0.00	23.69 -0.07 0.00	25.78 -0.58 0.00	29.03 -0.65 0.00	31.73 -0.65 0.00	33.23 -0.68 0.00	34.76 -0.78 0.00	35.29 -1.13 0.00	39.28 -1.55 -0.01	39.81 -1.93 -0.59	43.34 -2.13 -1.12	49.43 -0.87 -2.19	49.98 -0.79 -4.35	51.77 0.24 -3.08	44.37 0.02 -1.19	41.15 -0.91 -0.75	37.41 -0.84 0.00	33.70 -0.48 0.00	30.53 0.15 0.00
CALVERTON___SOLAR 323806	35.05 3.02 -6.26	30.58 2.68 -4.55	25.68 2.55 -1.29	23.29 2.38 -0.02	24.62 2.33 -1.44	24.34 2.43 -0.42	26.60 2.83 -0.02	33.44 3.37 -3.71	35.49 3.80 -2.01	36.88 4.21 -0.29	43.48 4.00 -5.57	46.51 4.12 -6.84	56.57 4.37 -15.78	57.34 4.86 -11.65	113.94 4.69 -68.10	126.37 5.59 -76.43	187.31 6.45 -132.75	238.56 6.03 -186.11	204.04 6.10 -149.48	125.69 4.49 -77.18	110.91 3.84 -65.75	50.89 3.98 -8.65	43.92 3.93 -5.82	39.51 3.22 -5.91
CANDIGU_WT_PWR 323617	25.91 0.13 0.00	23.37 0.02 0.00	21.70 -0.13 0.00	20.68 -0.21 0.00	20.56 -0.29 0.00	21.38 -0.11 0.00	23.90 0.14 0.00	26.28 -0.08 0.00	29.56 -0.12 0.00	32.25 -0.13 0.00	33.71 -0.20 0.00	35.29 -0.25 0.00	35.98 -0.44 0.00	40.14 -0.69 -0.01	41.39 -0.58 -0.81	45.04 -0.84 -1.53	51.43 0.34 -2.99	52.73 0.37 -5.94	53.72 1.06 -4.20	45.82 0.18 -1.62	42.46 0.12 -1.02	38.29 0.04 0.00	34.42 0.24 0.00	30.93 0.55 0.00
CARR STREET_E_SYR 24060	25.60 -0.18 0.00	23.16 -0.19 0.00	21.64 -0.20 0.00	20.70 -0.19 0.00	20.62 -0.23 0.00	21.32 -0.17 0.00	23.64 -0.12 0.00	26.15 -0.21 0.00	29.35 -0.33 0.00	32.03 -0.36 0.00	33.60 -0.31 0.00	35.26 -0.29 0.00	36.12 -0.29 0.00	40.50 -0.33 0.00	40.82 -0.33 0.00	43.95 -0.40 0.00	48.15 0.05 0.00	46.46 0.05 0.00	48.55 0.10 0.00	43.89 -0.13 0.00	41.11 -0.21 0.00	37.99 -0.27 0.00	33.87 -0.31 0.00	30.14 -0.24 0.00
CARTHAGE___PAPER 23857	25.47 -0.31 0.00	22.99 -0.35 0.00	21.44 -0.39 0.00	20.58 -0.31 0.00	20.49 -0.35 0.00	21.17 -0.32 0.00	23.50 -0.26 0.00	25.67 -0.69 0.00	28.79 -0.89 0.00	31.41 -0.97 0.00	32.76 -1.15 0.00	34.44 -1.10 0.00	35.22 -1.20 0.00	39.52 -1.31 0.00	40.62 -0.54 0.00	43.60 -0.75 0.00	47.33 -0.77 0.00	46.13 -0.28 0.00	48.79 0.34 0.00	44.94 0.93 0.00	42.10 0.78 0.00	38.87 0.61 0.00	34.28 0.10 0.00	30.41 0.03 0.00

CASSADAGA_WT_PWR 323784	25.91 0.13 0.00	23.37 0.02 0.00	21.75 -0.09 0.00	20.66 -0.23 0.00	20.51 -0.33 0.00	21.45 -0.04 0.00	24.16 0.40 0.00	26.49 0.13 0.00	29.98 0.30 0.00	32.77 0.39 0.00	34.18 0.27 0.00	35.72 0.18 0.00	36.24 -0.18 0.00	40.35 -0.49 -0.01	41.41 -0.37 -0.63	44.82 -0.71 -1.18	51.09 0.67 -2.31	51.74 0.74 -4.59	53.44 1.74 -3.25	45.62 0.35 -1.25	42.51 0.41 -0.79	38.72 0.46 0.00	34.93 0.75 0.00	31.41 1.03 0.00
CE_DUNWOOD___DRP 24194	27.82 2.04 0.00	25.14 1.80 0.00	23.52 1.68 0.00	22.46 1.57 0.00	22.31 1.46 0.00	23.08 1.59 0.00	25.59 1.83 0.00	28.62 2.27 0.00	32.23 2.55 0.00	35.13 2.75 0.00	36.72 2.81 0.00	38.46 2.91 0.00	40.26 3.17 -0.68	44.42 3.55 -0.04	48.50 3.58 -3.77	56.31 4.08 -7.88	77.18 4.76 -24.31	79.42 4.36 -28.64	72.59 4.41 -19.73	54.51 2.95 -7.54	48.57 2.52 -4.74	40.86 2.60 0.00	36.78 2.60 0.00	32.48 2.10 0.00
CE_MILLWOOD___DRP 24193	27.74 1.96 0.00	25.07 1.73 0.00	23.45 1.62 0.00	22.40 1.50 0.00	22.25 1.40 0.00	23.02 1.53 0.00	25.49 1.73 0.00	28.49 2.13 0.00	32.11 2.43 0.00	35.00 2.62 0.00	36.59 2.68 0.00	38.31 2.77 0.00	40.18 3.02 -0.74	44.25 3.39 -0.04	48.36 3.46 -3.75	56.21 3.95 -7.91	76.72 4.57 -24.04	79.16 4.22 -28.52	72.32 4.22 -19.65	54.39 2.86 -7.51	48.46 2.44 -4.71	40.74 2.49 0.00	36.61 2.43 0.00	32.36 1.97 0.00
CE_NYC2_DRP 24202	28.15 2.37 0.00	25.38 2.03 0.00	23.73 1.90 0.00	22.69 1.80 0.00	22.54 1.69 0.00	23.23 1.74 0.00	25.73 1.97 0.00	29.03 2.66 -0.01	32.68 3.00 -0.01	36.20 3.24 -0.58	37.16 3.26 0.00	38.88 3.34 0.00	40.63 3.57 -0.64	44.74 3.88 -0.04	48.84 3.91 -3.78	56.73 4.52 -7.85	77.06 5.34 -23.61	80.04 4.92 -28.71	72.93 4.70 -19.77	54.48 2.91 -7.56	48.53 2.48 -4.74	41.12 2.87 0.00	37.26 3.08 -0.01	32.84 2.46 0.00
CE_NYC_DRP 24195	28.08 2.29 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.48 1.63 0.00	23.21 1.72 0.00	25.78 2.02 0.00	28.94 2.58 0.00	32.59 2.91 0.00	35.52 3.14 0.00	37.10 3.19 0.00	38.81 3.27 0.00	40.55 3.50 -0.64	44.79 3.92 -0.04	48.92 3.99 -3.78	56.77 4.57 -7.85	77.11 5.39 -23.62	80.09 4.97 -28.71	73.17 4.94 -19.77	54.71 3.13 -7.56	48.75 2.69 -4.75	41.09 2.83 0.00	37.15 2.97 0.00	32.75 2.37 0.00
CHAFFEE___LFGE 323603	25.81 0.03 0.00	23.25 -0.09 0.00	21.55 -0.28 0.00	20.54 -0.36 0.00	20.35 -0.50 0.00	21.21 -0.28 0.00	23.81 0.05 0.00	25.93 -0.42 0.00	29.20 -0.48 0.00	31.90 -0.48 0.00	33.40 -0.51 0.00	34.97 -0.57 0.00	35.51 -0.91 0.00	39.45 -1.39 -0.01	40.50 -1.28 -0.62	43.70 -1.82 -1.17	49.86 -0.53 -2.28	50.49 -0.46 -4.54	52.19 0.53 -3.21	44.55 -0.71 -1.24	41.47 -0.62 -0.78	37.68 -0.57 0.00	34.08 -0.10 0.00	30.75 0.37 0.00
CHATEAUG_35_KV_LOAD 355732	25.37 -0.41 0.00	22.99 -0.35 0.00	21.42 -0.41 0.00	20.52 -0.38 0.00	20.60 -0.25 0.00	21.08 -0.41 0.00	23.12 -0.64 0.00	25.83 -0.53 0.00	29.29 -0.39 0.00	32.06 -0.32 0.00	33.43 -0.47 0.00	34.83 -0.71 0.00	35.54 -0.87 0.00	39.89 -0.94 0.00	40.29 -0.86 0.00	43.42 -0.93 0.00	46.85 -1.25 0.00	45.72 -0.70 0.00	47.72 -0.73 0.00	43.84 -0.18 0.00	41.31 0.00 0.00	38.03 -0.23 0.00	33.94 -0.24 0.00	30.14 -0.24 0.00
CHATEAUG_WT_PWR 323614	25.37 -0.41 0.00	23.02 -0.33 0.00	21.44 -0.39 0.00	20.54 -0.36 0.00	20.56 -0.29 0.00	21.10 -0.39 0.00	23.14 -0.62 0.00	25.83 -0.53 0.00	29.38 -0.30 0.00	32.22 -0.16 0.00	33.57 -0.34 0.00	34.97 -0.57 0.00	35.69 -0.73 0.00	40.05 -0.78 0.00	40.41 -0.74 0.00	43.55 -0.80 0.00	47.14 -0.96 0.00	45.99 -0.42 0.00	48.01 -0.44 0.00	44.02 0.00 0.00	41.48 0.17 0.00	38.14 -0.11 0.00	34.08 -0.10 0.00	30.26 -0.12 0.00
CHAT_HIGH_FALL_HYD 323578	25.37 -0.41 0.00	22.99 -0.35 0.00	21.42 -0.42 0.00	20.52 -0.38 0.00	20.54 -0.31 0.00	21.08 -0.41 0.00	23.12 -0.64 0.00	25.75 -0.61 0.00	29.29 -0.39 0.00	32.06 -0.32 0.00	33.43 -0.47 0.00	34.83 -0.71 0.00	35.54 -0.87 0.00	39.89 -0.94 0.00	40.25 -0.91 0.00	43.42 -0.93 0.00	46.90 -1.20 0.00	45.72 -0.69 0.00	47.77 -0.68 0.00	43.89 -0.13 0.00	41.31 0.00 0.00	38.03 -0.23 0.00	33.94 -0.24 0.00	30.14 -0.24 0.00
CHAUTAUQUA___LFGE 323629	25.89 0.10 0.00	23.37 0.02 0.00	21.70 -0.13 0.00	20.66 -0.23 0.00	20.49 -0.35 0.00	21.38 -0.11 0.00	24.02 0.26 0.00	26.25 -0.11 0.00	29.62 -0.06 0.00	32.38 0.00 0.00	33.88 -0.03 0.00	35.47 -0.07 0.00	35.98 -0.44 0.00	40.06 -0.78 -0.01	41.07 -0.70 -0.61	44.41 -1.11 -1.16	50.56 0.19 -2.27	51.15 0.23 -4.51	52.85 1.21 -3.19	45.16 -0.09 -1.23	42.04 -0.04 -0.77	38.22 -0.04 0.00	34.52 0.34 0.00	31.08 0.70 0.00
CHERRYST_13_KV_LD 356241	28.18 2.40 0.00	25.38 2.03 0.00	23.73 1.90 0.00	22.69 1.80 0.00	22.54 1.69 0.00	23.27 1.78 0.00	25.87 2.11 0.00	29.07 2.71 0.00	32.74 3.06 0.00	35.72 3.34 0.00	37.27 3.36 0.00	38.99 3.45 0.00	40.77 3.71 -0.64	44.99 4.12 -0.04	49.17 4.24 -3.78	57.04 4.83 -7.85	77.40 5.68 -23.62	80.36 5.24 -28.71	73.41 5.18 -19.77	54.93 3.35 -7.56	48.91 2.85 -4.75	41.24 2.98 0.00	37.29 3.11 0.00	32.84 2.46 0.00
CHESTROR_138KV_BK263 355645	27.41 1.62 0.00	24.77 1.42 0.00	23.17 1.33 0.00	22.13 1.23 0.00	21.95 1.11 0.00	22.74 1.25 0.00	25.16 1.40 0.00	28.02 1.66 0.00	31.55 1.87 0.00	34.39 2.01 0.00	35.98 2.07 0.00	37.67 2.13 0.00	38.11 2.29 0.60	43.48 2.61 -0.03	47.22 2.63 -3.43	53.17 3.02 -5.81	60.45 3.61 -8.74	75.29 3.30 -25.58	69.40 3.34 -17.60	53.13 2.24 -6.87	47.53 1.90 -4.31	40.24 1.99 0.00	36.09 1.91 0.00	31.93 1.55 0.00
CH_MIDHUDSON___DRP 24192	27.67 1.88 0.00	25.00 1.66 0.00	23.41 1.57 0.00	22.33 1.44 0.00	22.18 1.33 0.00	22.95 1.46 0.00	25.40 1.64 0.00	28.25 1.90 0.00	31.85 2.17 0.00	34.68 2.30 0.00	36.32 2.41 0.00	38.07 2.52 0.00	39.34 2.77 -0.15	43.97 3.10 -0.04	48.18 3.13 -3.90	55.49 3.59 -7.54	68.25 4.19 -15.96	79.46 3.85 -29.20	72.65 3.92 -20.28	54.61 2.77 -7.81	48.62 2.40 -4.91	40.70 2.45 0.00	36.47 2.29 0.00	32.27 1.88 0.00
CH_MISC_IPPS 23765	27.87 2.09 0.00	25.17 1.82 0.00	23.54 1.70 0.00	22.44 1.55 0.00	22.31 1.46 0.00	23.04 1.55 0.00	25.52 1.76 0.00	28.36 2.00 0.00	31.96 2.29 0.00	34.81 2.43 0.00	36.45 2.54 0.00	38.21 2.67 0.00	39.46 2.99 -0.05	44.21 3.35 -0.04	48.26 3.29 -3.81	55.52 3.90 -7.26	67.74 4.57 -15.07	79.23 4.27 -28.55	72.53 4.31 -19.77	54.73 3.08 -7.63	48.75 2.65 -4.79	40.93 2.68 0.00	36.64 2.46 0.00	32.42 2.04 0.00
CH_RES_BVR_FALLS 23983	25.40 -0.39 0.00	22.97 -0.37 0.00	21.46 -0.37 0.00	20.56 -0.34 0.00	20.54 -0.31 0.00	21.15 -0.34 0.00	23.35 -0.40 0.00	25.80 -0.55 0.00	29.15 -0.53 0.00	31.86 -0.52 0.00	33.37 -0.54 0.00	34.90 -0.64 0.00	35.72 -0.69 0.00	40.10 -0.73 0.00	40.49 -0.66 0.00	43.86 -0.49 0.00	47.91 -0.19 0.00	46.41 0.00 0.00	47.82 -0.63 0.00	43.62 -0.40 0.00	40.94 -0.37 0.00	37.84 -0.42 0.00	33.73 -0.45 0.00	29.99 -0.40 0.00

CH_RES_NIAGARA 23895	24.83 -0.95 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.06 0.00	19.85 -1.00 0.00	20.59 -0.90 0.00	22.90 -0.85 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.91 -2.00 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.53 -3.31 -0.01	38.48 -3.21 -0.54	41.38 -3.99 -1.02	47.11 -2.98 -1.99	47.58 -2.78 -3.95	49.50 -1.74 -2.79	42.37 -2.73 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.64 -1.54 0.00	29.53 -0.85 0.00
CH_RES_SYRACUSE 23985	25.78 0.00 0.00	23.32 -0.02 0.00	21.79 -0.04 0.00	20.83 -0.06 0.00	20.75 -0.10 0.00	21.45 -0.04 0.00	23.81 0.05 0.00	26.41 0.05 0.00	29.71 0.03 0.00	32.41 0.03 0.00	33.98 0.07 0.00	35.68 0.14 0.00	36.56 0.15 0.00	40.99 0.16 0.00	41.32 0.17 0.00	44.48 0.13 0.00	48.73 0.62 0.00	47.06 0.65 0.00	49.18 0.73 0.00	44.41 0.40 0.00	41.60 0.29 0.00	38.45 0.19 0.00	34.28 0.10 0.00	30.50 0.12 0.00
CLINTON_WT_PWR 323605	25.37 -0.41 0.00	23.02 -0.33 0.00	21.44 -0.39 0.00	20.54 -0.36 0.00	20.56 -0.29 0.00	21.10 -0.39 0.00	23.14 -0.62 0.00	25.83 -0.53 0.00	29.38 -0.30 0.00	32.22 -0.16 0.00	33.57 -0.34 0.00	34.97 -0.57 0.00	35.69 -0.73 0.00	40.05 -0.78 0.00	40.41 -0.74 0.00	43.55 -0.80 0.00	47.14 -0.96 0.00	45.99 -0.42 0.00	48.01 -0.44 0.00	44.02 0.00 0.00	41.48 0.17 0.00	38.14 -0.11 0.00	34.08 -0.10 0.00	30.26 -0.12 0.00
CLINTON___LFGE 323618	25.58 -0.21 0.00	23.18 -0.16 0.00	21.59 -0.24 0.00	20.66 -0.23 0.00	20.70 -0.14 0.00	21.25 -0.24 0.00	23.28 -0.47 0.00	26.12 -0.24 0.00	29.77 0.09 0.00	32.61 0.23 0.00	34.01 0.10 0.00	35.40 -0.14 0.00	36.09 -0.33 0.00	40.55 -0.28 0.00	40.95 -0.20 0.00	44.09 -0.26 0.00	47.87 -0.24 0.00	46.83 0.42 0.00	48.84 0.39 0.00	44.77 0.75 0.00	42.18 0.87 0.00	38.72 0.46 0.00	34.56 0.38 0.00	30.69 0.30 0.00
COBBLENY_34_KV_TB1 80064	25.78 0.00 0.00	23.25 -0.09 0.00	21.55 -0.28 0.00	20.54 -0.36 0.00	20.31 -0.54 0.00	21.21 -0.28 0.00	23.81 0.05 0.00	25.94 -0.42 0.00	29.20 -0.47 0.00	31.93 -0.45 0.00	33.43 -0.47 0.00	34.97 -0.57 0.00	35.51 -0.91 0.00	39.53 -1.31 -0.01	40.12 -1.65 -0.62	43.70 -1.82 -1.17	49.86 -0.53 -2.28	50.49 -0.46 -4.54	52.19 0.53 -3.21	44.68 -0.57 -1.24	41.47 -0.62 -0.78	37.68 -0.57 0.00	33.91 -0.27 0.00	30.69 0.30 0.00
COFFEEN___115KV_TB3 355620	25.78 0.00 0.00	23.23 -0.12 0.00	21.66 -0.17 0.00	20.81 -0.08 0.00	20.68 -0.17 0.00	21.38 -0.11 0.00	23.81 0.05 0.00	26.23 -0.13 0.00	29.35 -0.33 0.00	31.99 -0.39 0.00	33.40 -0.51 0.00	35.19 -0.36 0.00	35.98 -0.44 0.00	40.34 -0.49 0.00	41.19 0.04 0.00	44.17 -0.18 0.00	48.01 -0.10 0.00	46.78 0.37 0.00	49.47 1.02 0.00	45.65 1.63 0.00	42.72 1.40 0.00	39.44 1.19 0.00	34.62 0.44 0.00	30.75 0.36 0.00
COLDSPRG_115KV_BK1 355956	26.17 0.39 0.00	23.62 0.28 0.00	21.92 0.09 0.00	20.85 -0.04 0.00	20.62 -0.23 0.00	21.64 0.15 0.00	24.38 0.62 0.00	26.65 0.29 0.00	30.12 0.45 0.00	32.93 0.55 0.00	34.49 0.58 0.00	36.04 0.50 0.00	36.56 0.15 0.00	40.67 -0.16 -0.01	41.35 -0.45 -0.65	45.09 -0.49 -1.23	51.32 0.82 -2.40	51.98 0.79 -4.78	53.57 1.74 -3.38	45.85 0.53 -1.30	42.54 0.41 -0.82	38.71 0.46 0.00	34.86 0.68 0.00	31.44 1.06 0.00
COLONIE_LFGE___ 323577	27.07 1.29 0.00	24.60 1.26 0.00	23.01 1.18 0.00	21.98 1.09 0.00	21.91 1.06 0.00	22.67 1.18 0.00	25.02 1.26 0.00	27.78 1.42 0.00	31.25 1.57 0.00	34.00 1.62 0.00	35.67 1.76 0.00	37.42 1.88 0.00	38.58 2.00 -0.16	43.22 2.29 -0.10	54.16 2.30 -10.71	67.21 2.44 -20.42	90.61 2.74 -39.77	126.45 2.60 -77.44	106.78 2.76 -55.57	67.79 2.33 -21.44	56.97 2.19 -13.47	40.32 2.06 0.00	35.92 1.74 0.00	31.96 1.58 0.00
COOPERNY_115KV_TB1 80082	26.97 1.19 0.00	24.39 1.05 0.00	22.82 0.98 0.00	21.79 0.90 0.00	21.66 0.81 0.00	22.41 0.92 0.00	24.80 1.05 0.00	27.60 1.24 0.00	31.07 1.39 0.00	33.87 1.49 0.00	35.47 1.56 0.00	37.14 1.60 0.00	37.90 1.71 0.22	42.81 1.96 -0.02	45.71 1.98 -2.59	51.25 2.26 -4.64	59.06 2.69 -8.26	68.19 2.51 -19.27	64.32 2.52 -13.35	50.91 1.72 -5.18	46.01 1.45 -3.25	39.75 1.49 0.00	35.58 1.40 0.00	31.54 1.15 0.00
COPENHAGEN_WT_PWR 323753	25.58 -0.21 0.00	23.09 -0.26 0.00	21.53 -0.31 0.00	20.66 -0.23 0.00	20.56 -0.29 0.00	21.23 -0.26 0.00	23.62 -0.14 0.00	25.99 -0.37 0.00	29.15 -0.53 0.00	31.77 -0.62 0.00	33.13 -0.78 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.01 -0.82 0.00	40.87 -0.29 0.00	43.82 -0.53 0.00	47.67 -0.43 0.00	46.36 -0.05 0.00	48.94 0.48 0.00	44.98 0.97 0.00	42.10 0.78 0.00	38.90 0.65 0.00	34.28 0.10 0.00	30.47 0.09 0.00
CORNELL___ 23752	26.43 0.64 0.00	23.88 0.54 0.00	22.27 0.44 0.00	21.29 0.40 0.00	21.16 0.31 0.00	21.96 0.47 0.00	24.45 0.69 0.00	27.09 0.74 0.00	30.42 0.74 0.00	33.09 0.71 0.00	34.69 0.78 0.00	36.36 0.82 0.00	37.25 0.84 0.00	41.78 0.94 -0.01	42.91 0.91 -0.85	46.98 1.02 -1.61	53.17 1.92 -3.14	54.66 2.00 -6.26	55.25 2.37 -4.42	47.71 1.98 -1.71	44.04 1.65 -1.07	39.67 1.42 0.00	35.27 1.09 0.00	31.38 1.00 0.00
CORONA_AAV_69_KV_TB1 355595	34.77 2.73 -6.26	30.28 2.38 -4.55	25.35 2.23 -1.29	23.02 2.11 -0.02	24.27 1.98 -1.44	24.04 2.13 -0.42	26.20 2.42 -0.02	32.96 2.90 -3.71	34.96 3.26 -2.01	36.14 3.46 -0.29	40.84 3.53 -3.41	43.49 3.70 -4.25	44.55 3.97 -4.16	56.96 4.49 -11.64	52.83 4.53 -7.15	65.08 5.10 -15.63	77.75 5.87 -23.78	80.65 5.52 -28.72	73.75 5.52 -19.78	55.65 4.05 -7.58	49.54 3.47 -4.75	41.85 3.60 0.00	54.95 3.59 -17.18	39.15 2.89 -5.88
CORTLAND_115KV_TB3 80093	26.17 0.39 0.00	23.65 0.30 0.00	22.07 0.24 0.00	21.12 0.23 0.00	21.00 0.15 0.00	21.77 0.28 0.00	24.19 0.43 0.00	26.80 0.45 0.00	30.15 0.47 0.00	32.87 0.49 0.00	34.45 0.54 0.00	36.11 0.57 0.00	37.00 0.58 0.00	41.49 0.65 -0.01	42.42 0.62 -0.65	46.24 0.67 -1.23	51.85 1.35 -2.40	52.52 1.35 -4.77	53.42 1.60 -3.37	46.55 1.23 -1.30	43.16 1.03 -0.82	39.14 0.88 0.00	34.83 0.65 0.00	30.99 0.61 0.00
COXSACKIE___GT 23611	28.13 2.35 0.00	25.45 2.10 0.00	23.78 1.94 0.00	22.61 1.71 0.00	22.43 1.58 0.00	23.27 1.78 0.00	25.71 1.95 0.00	28.20 1.84 0.00	31.76 2.08 0.00	34.39 2.01 0.00	36.11 2.20 0.00	37.82 2.28 0.00	38.90 2.37 -0.12	43.34 2.45 -0.06	50.11 2.39 -6.57	59.62 2.71 -12.56	76.15 3.22 -24.83	89.95 3.20 -40.34	82.97 3.54 -30.98	60.35 3.17 -13.17	52.43 2.85 -8.27	41.24 2.99 0.00	37.01 2.84 0.00	32.84 2.46 0.00
CPV_VALLEY___CC1 323721	27.15 1.37 0.00	24.56 1.21 0.00	22.99 1.16 0.00	21.96 1.06 0.00	21.85 1.00 0.00	22.56 1.07 0.00	24.97 1.21 0.00	27.81 1.45 0.00	31.31 1.63 0.00	34.13 1.75 0.00	35.71 1.80 0.00	37.39 1.85 0.00	38.06 2.00 0.36	43.10 2.24 -0.03	46.45 2.18 -3.12	52.50 2.66 -5.49	60.64 3.13 -9.41	72.59 2.88 -23.30	67.38 2.86 -16.07	52.11 1.85 -6.25	46.81 1.57 -3.92	39.90 1.64 0.00	35.75 1.57 0.00	31.66 1.28 0.00

CPV_VALLEY___CC2 323722	27.15 1.37 0.00	24.56 1.21 0.00	22.99 1.16 0.00	21.96 1.06 0.00	21.85 1.00 0.00	22.56 1.07 0.00	24.97 1.21 0.00	27.81 1.45 0.00	31.31 1.63 0.00	34.13 1.75 0.00	35.71 1.80 0.00	37.39 1.85 0.00	38.06 2.00 0.36	43.10 2.24 -0.03	46.45 2.18 -3.12	52.50 2.66 -5.49	60.64 3.13 -9.41	72.59 2.88 -23.30	67.38 2.86 -16.07	52.11 1.85 -6.25	46.81 1.57 -3.92	39.90 1.64 0.00	35.75 1.57 0.00	31.66 1.28 0.00
CRESCENT___HYD 24018	27.07 1.29 0.00	24.60 1.26 0.00	23.01 1.18 0.00	21.98 1.09 0.00	21.91 1.06 0.00	22.67 1.18 0.00	25.02 1.26 0.00	27.78 1.42 0.00	31.25 1.57 0.00	34.00 1.62 0.00	35.67 1.76 0.00	37.42 1.88 0.00	38.58 2.00 -0.16	43.22 2.29 -0.10	54.16 2.30 -10.71	67.21 2.44 -20.42	90.61 2.74 -39.77	126.45 2.60 -77.44	106.78 2.76 -55.57	67.79 2.33 -21.44	56.97 2.19 -13.47	40.32 2.06 0.00	35.92 1.74 0.00	31.96 1.58 0.00
CRICKET___VALLEY_CC1 323756	27.28 1.49 0.00	24.74 1.40 0.00	23.21 1.38 0.00	22.17 1.27 0.00	22.10 1.25 0.00	22.80 1.31 0.00	25.16 1.40 0.00	27.99 1.63 0.00	31.52 1.84 0.00	34.29 1.91 0.00	35.94 2.03 0.00	37.64 2.10 0.00	39.03 2.30 -0.31	43.44 2.57 -0.04	47.77 2.47 -4.15	55.39 2.84 -8.19	60.42 3.22 -9.09	68.25 2.97 -18.86	73.06 3.01 -21.61	54.44 2.11 -8.31	48.39 1.86 -5.22	40.17 1.91 0.00	35.96 1.78 0.00	31.90 1.52 0.00
CRICKET___VALLEY_CC2 323757	27.28 1.49 0.00	24.74 1.40 0.00	23.21 1.38 0.00	22.17 1.27 0.00	22.10 1.25 0.00	22.80 1.31 0.00	25.16 1.40 0.00	27.99 1.63 0.00	31.52 1.84 0.00	34.29 1.91 0.00	35.94 2.03 0.00	37.64 2.10 0.00	39.03 2.30 -0.31	43.44 2.57 -0.04	47.77 2.47 -4.15	55.39 2.84 -8.19	60.42 3.22 -9.09	68.25 2.97 -18.86	73.06 3.01 -21.61	54.44 2.11 -8.31	48.39 1.86 -5.22	40.17 1.91 0.00	35.96 1.78 0.00	31.90 1.52 0.00
CRICKET___VALLEY_CC3 323758	27.28 1.49 0.00	24.74 1.40 0.00	23.21 1.38 0.00	22.17 1.27 0.00	22.10 1.25 0.00	22.80 1.31 0.00	25.16 1.40 0.00	27.99 1.63 0.00	31.52 1.84 0.00	34.29 1.91 0.00	35.94 2.03 0.00	37.64 2.10 0.00	39.03 2.30 -0.31	43.44 2.57 -0.04	47.77 2.47 -4.15	55.39 2.84 -8.19	60.42 3.22 -9.09	68.25 2.97 -18.86	73.06 3.01 -21.61	54.44 2.11 -8.31	48.39 1.86 -5.22	40.17 1.91 0.00	35.96 1.78 0.00	31.90 1.52 0.00
CRUCIBLE_METL_DRP 24180	25.78 0.00 0.00	23.32 -0.02 0.00	21.79 -0.04 0.00	20.83 -0.06 0.00	20.72 -0.13 0.00	21.45 -0.04 0.00	23.81 0.05 0.00	26.41 0.05 0.00	29.71 0.03 0.00	32.41 0.03 0.00	34.01 0.10 0.00	35.68 0.14 0.00	36.56 0.15 0.00	40.99 0.16 0.00	41.28 0.12 0.00	44.48 0.13 0.00	48.78 0.67 0.00	47.06 0.65 0.00	49.18 0.73 0.00	44.46 0.44 0.00	41.60 0.29 0.00	38.45 0.19 0.00	34.25 0.07 0.00	30.47 0.09 0.00
DAHOWA___HYDRO 323763	27.30 1.52 0.00	24.82 1.47 0.00	23.21 1.38 0.00	22.17 1.27 0.00	22.10 1.25 0.00	22.87 1.38 0.00	25.28 1.52 0.00	28.10 1.74 0.00	31.58 1.90 0.00	34.39 2.01 0.00	36.08 2.17 0.00	37.89 2.35 0.00	39.05 2.48 -0.16	44.01 3.06 -0.11	56.08 3.09 -11.84	70.22 3.33 -22.54	95.98 3.85 -44.02	136.08 3.76 -85.91	113.84 3.97 -61.41	71.28 3.56 -23.70	59.59 3.39 -14.89	41.32 3.06 0.00	36.61 2.43 0.00	32.54 2.16 0.00
DANC___LFGE 323619	25.50 -0.28 0.00	23.04 -0.30 0.00	21.51 -0.33 0.00	20.62 -0.27 0.00	20.51 -0.33 0.00	21.19 -0.30 0.00	23.52 -0.24 0.00	25.99 -0.37 0.00	29.17 -0.50 0.00	31.80 -0.58 0.00	33.20 -0.71 0.00	34.90 -0.64 0.00	35.76 -0.65 0.00	40.05 -0.78 0.00	40.70 -0.45 0.00	43.69 -0.66 0.00	47.58 -0.53 0.00	46.18 -0.23 0.00	48.55 0.10 0.00	44.37 0.35 0.00	41.56 0.25 0.00	38.45 0.19 0.00	34.04 -0.14 0.00	30.29 -0.09 0.00
DANSKAMMER___1 23586	27.87 2.09 0.00	25.17 1.82 0.00	23.54 1.70 0.00	22.44 1.55 0.00	22.31 1.46 0.00	23.04 1.55 0.00	25.52 1.76 0.00	28.36 2.00 0.00	31.96 2.29 0.00	34.81 2.43 0.00	36.45 2.54 0.00	38.21 2.67 0.00	39.46 2.99 -0.05	44.21 3.35 -0.04	48.26 3.29 -3.81	55.52 3.90 -7.26	67.74 4.57 -15.07	79.23 4.27 -28.55	72.53 4.31 -19.77	54.73 3.08 -7.63	48.75 2.65 -4.79	40.93 2.68 0.00	36.64 2.46 0.00	32.42 2.04 0.00
DANSKAMMER___2 23589	27.87 2.09 0.00	25.17 1.82 0.00	23.54 1.70 0.00	22.44 1.55 0.00	22.31 1.46 0.00	23.04 1.55 0.00	25.52 1.76 0.00	28.36 2.00 0.00	31.96 2.29 0.00	34.81 2.43 0.00	36.45 2.54 0.00	38.21 2.67 0.00	39.46 2.99 -0.05	44.21 3.35 -0.04	48.26 3.29 -3.81	55.52 3.90 -7.26	67.74 4.57 -15.07	79.23 4.27 -28.55	72.53 4.31 -19.77	54.73 3.08 -7.63	48.75 2.65 -4.79	40.93 2.68 0.00	36.64 2.46 0.00	32.42 2.04 0.00
DANSKAMMER___3 23590	27.87 2.09 0.00	25.17 1.82 0.00	23.54 1.70 0.00	22.44 1.55 0.00	22.31 1.46 0.00	23.04 1.55 0.00	25.52 1.76 0.00	28.36 2.00 0.00	31.96 2.29 0.00	34.81 2.43 0.00	36.45 2.54 0.00	38.21 2.67 0.00	39.46 2.99 -0.05	44.21 3.35 -0.04	48.26 3.29 -3.81	55.52 3.90 -7.26	67.74 4.57 -15.07	79.23 4.27 -28.55	72.53 4.31 -19.77	54.73 3.08 -7.63	48.75 2.65 -4.79	40.93 2.68 0.00	36.64 2.46 0.00	32.42 2.04 0.00
DANSKAMMER___4 23591	27.87 2.09 0.00	25.17 1.82 0.00	23.54 1.70 0.00	22.44 1.55 0.00	22.31 1.46 0.00	23.04 1.55 0.00	25.52 1.76 0.00	28.36 2.00 0.00	31.96 2.29 0.00	34.81 2.43 0.00	36.45 2.54 0.00	38.21 2.67 0.00	39.46 2.99 -0.05	44.21 3.35 -0.04	48.26 3.29 -3.81	55.52 3.90 -7.26	67.74 4.57 -15.07	79.23 4.27 -28.55	72.53 4.31 -19.77	54.73 3.08 -7.63	48.75 2.65 -4.79	40.93 2.68 0.00	36.64 2.46 0.00	32.42 2.04 0.00
DANSKAMMER___DIESEL 23592	27.87 2.09 0.00	25.16 1.82 0.00	23.54 1.70 0.00	22.44 1.55 0.00	22.25 1.40 0.00	23.04 1.55 0.00	25.52 1.76 0.00	28.36 2.00 0.00	31.96 2.29 0.00	34.81 2.43 0.00	36.45 2.54 0.00	38.21 2.67 0.00	39.46 2.99 -0.05	44.25 3.39 -0.04	48.38 3.42 -3.81	55.52 3.90 -7.26	67.74 4.57 -15.07	79.24 4.27 -28.56	72.54 4.31 -19.78	54.73 3.08 -7.63	48.75 2.64 -4.79	40.97 2.72 0.00	36.67 2.50 0.00	32.42 2.04 0.00
DARBY___SOLAR 323810	27.30 1.52 0.00	24.82 1.47 0.00	23.21 1.38 0.00	22.15 1.25 0.00	22.10 1.25 0.00	22.87 1.38 0.00	25.26 1.50 0.00	28.07 1.71 0.00	31.58 1.90 0.00	34.39 2.01 0.00	36.05 2.14 0.00	37.85 2.31 0.00	39.05 2.48 -0.16	43.96 3.02 -0.11	55.90 3.05 -11.70	69.88 3.24 -22.30	95.38 3.75 -43.52	134.94 3.62 -84.91	113.01 3.83 -60.73	70.85 3.39 -23.44	59.22 3.18 -14.72	41.13 2.87 0.00	36.50 2.33 0.00	32.48 2.09 0.00
DASHVILLE___HYD 23610	27.54 1.75 0.00	24.81 1.47 0.00	23.23 1.40 0.00	22.17 1.27 0.00	21.98 1.13 0.00	22.72 1.22 0.00	25.16 1.40 0.00	27.94 1.58 0.00	31.43 1.75 0.00	34.23 1.85 0.00	35.84 1.93 0.00	37.53 1.99 0.00	39.33 2.88 -0.04	43.44 2.57 -0.04	48.14 2.55 -4.44	55.79 3.02 -8.43	68.64 3.61 -16.93	80.43 3.30 -30.72	73.93 3.34 -22.13	55.01 2.11 -8.88	48.63 1.74 -5.58	40.36 2.10 0.00	36.13 1.95 0.00	31.99 1.61 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	36.01 3.97 -6.26	31.37 3.48 -4.55	26.40 3.28 -1.29	23.98 3.07 -0.02	25.25 2.96 -1.44	25.07 3.16 -0.42	27.39 3.61 -0.02	34.36 4.30 -3.71	36.68 4.99 -2.01	38.27 5.60 -0.29	45.11 5.63 -5.57	48.40 6.01 -6.85	58.56 6.34 -15.81	59.55 7.06 -11.65	116.46 7.04 -68.27	128.99 8.03 -76.61	190.36 9.19 -133.07	182.83 8.54 -127.88	207.31 8.77 -150.09	128.18 6.78 -77.38	113.02 5.78 -65.93	52.71 5.78 -8.68	43.95 5.40 -4.37	40.74 4.47 -5.89
DELAWARE___LFGE 323621	26.81 1.03 0.00	24.25 0.91 0.00	22.69 0.85 0.00	21.69 0.79 0.00	21.56 0.71 0.00	22.33 0.84 0.00	24.73 0.97 0.00	27.44 1.08 0.00	30.87 1.19 0.00	33.68 1.30 0.00	35.23 1.32 0.00	36.96 1.42 0.00	37.91 1.49 0.00	42.49 1.63 -0.03	45.55 1.69 -2.71	51.24 1.77 -5.12	60.36 2.26 -9.99	68.47 2.18 -19.87	64.77 2.28 -14.04	51.34 1.89 -5.42	46.37 1.65 -3.41	39.86 1.61 0.00	35.51 1.33 0.00	31.54 1.15 0.00
DERFIELD_115KV_TB7 355931	25.86 0.08 0.00	23.41 0.07 0.00	21.90 0.07 0.00	20.96 0.06 0.00	20.89 0.04 0.00	21.55 0.06 0.00	23.83 0.07 0.00	26.41 0.05 0.00	29.74 0.06 0.00	32.41 0.03 0.00	33.94 0.03 0.00	35.61 0.07 0.00	36.49 0.07 0.00	40.91 0.08 0.00	41.28 0.12 0.00	44.44 0.09 0.00	48.35 0.24 0.00	46.64 0.23 0.00	48.69 0.24 0.00	44.19 0.18 0.00	41.44 0.12 0.00	38.41 0.15 0.00	34.28 0.10 0.00	30.47 0.09 0.00
DOGLEVILLE___HYD 23807	25.96 0.18 0.00	23.39 0.05 0.00	21.88 0.04 0.00	20.96 0.06 0.00	20.89 0.04 0.00	21.58 0.09 0.00	24.02 0.26 0.00	26.57 0.21 0.00	29.89 0.21 0.00	32.61 0.23 0.00	34.15 0.24 0.00	35.82 0.28 0.00	36.67 0.26 0.00	41.12 0.29 0.00	41.52 0.37 0.00	44.75 0.40 0.00	48.73 0.62 0.00	47.11 0.70 0.00	49.18 0.73 0.00	44.63 0.62 0.00	41.77 0.46 0.00	38.60 0.34 0.00	34.39 0.21 0.00	30.62 0.24 0.00
DUNKIRK___115KV_TB_200 55889	25.83 0.05 0.00	23.37 0.02 0.00	21.68 -0.15 0.00	20.64 -0.25 0.00	20.43 -0.42 0.00	21.36 -0.13 0.00	24.00 0.24 0.00	26.20 -0.16 0.00	29.56 -0.12 0.00	32.32 -0.06 0.00	33.84 -0.07 0.00	35.36 -0.18 0.00	35.91 -0.51 0.00	40.02 -0.82 -0.01	40.65 -1.11 -0.61	44.31 -1.20 -1.16	50.46 0.10 -2.26	51.05 0.14 -4.50	52.75 1.11 -3.18	45.20 -0.04 -1.23	41.96 -0.12 -0.77	38.14 -0.11 0.00	34.28 0.10 0.00	30.96 0.58 0.00
DUNKIRK___1 23563	25.83 0.05 0.00	23.37 0.02 0.00	21.68 -0.15 0.00	20.64 -0.25 0.00	20.43 -0.42 0.00	21.36 -0.13 0.00	24.00 0.24 0.00	26.20 -0.16 0.00	29.56 -0.12 0.00	32.32 -0.06 0.00	33.84 -0.07 0.00	35.36 -0.18 0.00	35.91 -0.51 0.00	40.02 -0.82 -0.01	40.65 -1.11 -0.61	44.31 -1.20 -1.16	50.46 0.10 -2.26	51.05 0.14 -4.50	52.75 1.11 -3.18	45.20 -0.04 -1.23	41.96 -0.12 -0.77	38.14 -0.11 0.00	34.28 0.10 0.00	30.96 0.58 0.00
DUNKIRK___2 23564	25.83 0.05 0.00	23.37 0.02 0.00	21.68 -0.15 0.00	20.64 -0.25 0.00	20.43 -0.42 0.00	21.36 -0.13 0.00	24.00 0.24 0.00	26.20 -0.16 0.00	29.56 -0.12 0.00	32.32 -0.06 0.00	33.84 -0.07 0.00	35.36 -0.18 0.00	35.91 -0.51 0.00	40.02 -0.82 -0.01	40.65 -1.11 -0.61	44.31 -1.20 -1.16	50.46 0.10 -2.26	51.05 0.14 -4.50	52.75 1.11 -3.18	45.20 -0.04 -1.23	41.96 -0.12 -0.77	38.14 -0.11 0.00	34.28 0.10 0.00	30.96 0.58 0.00
DUNKIRK___3 23565	25.73 -0.05 0.00	23.25 -0.09 0.00	21.57 -0.26 0.00	20.54 -0.36 0.00	20.33 -0.52 0.00	21.25 -0.24 0.00	23.83 0.07 0.00	26.01 -0.34 0.00	29.32 -0.36 0.00	32.06 -0.32 0.00	33.57 -0.34 0.00	35.08 -0.46 0.00	35.62 -0.80 0.00	39.69 -1.14 -0.01	40.32 -1.44 -0.61	43.91 -1.60 -1.16	50.07 -0.29 -2.26	50.62 -0.28 -4.49	52.30 0.68 -3.17	44.80 -0.44 -1.23	41.59 -0.50 -0.77	37.80 -0.46 0.00	34.01 -0.17 0.00	30.75 0.36 0.00
DUNKIRK___4 23566	25.73 -0.05 0.00	23.25 -0.09 0.00	21.57 -0.26 0.00	20.54 -0.36 0.00	20.33 -0.52 0.00	21.25 -0.24 0.00	23.83 0.07 0.00	26.01 -0.34 0.00	29.32 -0.36 0.00	32.06 -0.32 0.00	33.57 -0.34 0.00	35.08 -0.46 0.00	35.62 -0.80 0.00	39.69 -1.14 -0.01	40.32 -1.44 -0.61	43.91 -1.60 -1.16	50.07 -0.29 -2.26	50.62 -0.28 -4.49	52.30 0.68 -3.17	44.80 -0.44 -1.23	41.59 -0.50 -0.77	37.80 -0.46 0.00	34.01 -0.17 0.00	30.75 0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.92 2.14 0.00	25.21 1.87 0.00	23.58 1.75 0.00	22.52 1.63 0.00	22.37 1.52 0.00	23.15 1.65 0.00	25.66 1.90 0.00	28.73 2.37 0.00	32.35 2.67 0.00	35.30 2.91 0.00	36.86 2.95 0.00	38.60 3.06 0.00	40.33 3.28 -0.64	44.54 3.67 -0.04	48.67 3.74 -3.78	56.51 4.30 -7.85	76.66 4.95 -23.60	79.72 4.59 -28.71	72.83 4.60 -19.78	54.66 3.08 -7.56	48.75 2.69 -4.75	41.01 2.75 0.00	36.91 2.73 0.00	32.57 2.19 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.59 1.80 0.00	24.93 1.59 0.00	23.32 1.48 0.00	22.25 1.36 0.00	22.08 1.23 0.00	22.87 1.38 0.00	25.30 1.54 0.00	28.15 1.79 0.00	31.73 2.05 0.00	34.55 2.17 0.00	36.15 2.24 0.00	37.89 2.35 0.00	38.84 2.59 0.16	43.76 2.90 -0.03	47.78 2.96 -3.66	54.51 3.42 -6.74	65.01 3.99 -12.91	77.52 3.71 -27.40	71.13 3.73 -18.95	53.95 2.60 -7.34	48.11 2.19 -4.61	40.55 2.30 0.00	36.33 2.15 0.00	32.11 1.73 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.27 2.48 -0.01	25.45 2.10 -0.01	23.81 1.97 -0.01	22.75 1.86 0.00	22.61 1.75 -0.01	23.27 1.78 0.00	25.64 1.88 0.00	29.03 2.66 -0.01	32.66 2.97 -0.01	35.50 3.11 -0.01	37.16 3.26 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.93 3.99 -3.79	56.78 4.57 -7.86	77.11 5.39 -23.62	80.09 4.97 -28.71	73.03 4.80 -19.78	54.52 2.95 -7.56	48.41 2.35 -4.74	41.05 2.79 0.00	37.26 3.08 -0.01	32.97 2.58 -0.01
E179THST_13_KV_LOAD 356214	28.42 2.63 -0.01	25.59 2.24 -0.01	23.94 2.10 -0.01	22.86 1.96 0.00	22.71 1.86 -0.01	23.38 1.89 0.00	25.78 2.02 0.00	29.21 2.85 -0.01	32.86 3.18 -0.01	35.72 3.34 -0.01	37.40 3.49 0.00	39.06 3.52 0.00	40.84 3.79 -0.64	45.07 4.21 -0.04	49.22 4.28 -3.79	57.14 4.92 -7.86	77.55 5.82 -23.62	80.50 5.38 -28.71	73.42 5.18 -19.78	54.88 3.30 -7.56	48.70 2.64 -4.74	41.32 3.06 0.00	37.50 3.32 -0.01	33.15 2.76 -0.01
EAST HAMPTON___GT 23717	36.55 4.51 -6.26	31.84 3.95 -4.55	26.81 3.69 -1.29	24.40 3.49 -0.02	25.71 3.42 -1.44	25.48 3.57 -0.42	27.86 4.09 -0.02	34.91 4.85 -3.71	37.36 5.67 -2.01	39.09 6.41 -0.29	46.03 6.55 -5.57	49.40 7.00 -6.85	59.55 7.32 -15.81	60.69 8.21 -11.65	117.42 7.98 -68.28	130.24 9.27 -76.62	191.72 10.54 -133.08	243.44 9.84 -187.19	208.71 10.13 -150.13	129.33 7.92 -77.39	114.07 6.81 -65.94	53.63 6.69 -8.68	46.19 6.19 -5.83	41.43 5.14 -5.91
EAST RIVER___6 23660	27.97 2.19 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.63 1.73 0.00	22.52 1.67 0.00	23.17 1.68 0.00	25.71 1.95 0.00	28.89 2.53 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.03 3.12 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.75 3.88 -0.04	48.63 3.71 -3.78	56.82 4.61 -7.85	77.15 5.43 -23.61	80.13 5.01 -28.70	73.17 4.94 -19.77	54.62 3.03 -7.56	48.62 2.56 -4.75	40.97 2.72 0.00	37.01 2.84 0.00	32.60 2.22 0.00

EAST RIVER___7 23524	27.97 2.19 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.63 1.73 0.00	22.52 1.67 0.00	23.17 1.68 0.00	25.71 1.95 0.00	28.89 2.53 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.03 3.12 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.75 3.88 -0.04	48.63 3.71 -3.78	56.82 4.61 -7.85	77.15 5.43 -23.61	80.13 5.01 -28.70	73.17 4.94 -19.77	54.62 3.03 -7.56	48.62 2.56 -4.75	40.97 2.72 0.00	37.01 2.84 0.00	32.60 2.22 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.82 2.04 0.00	25.14 1.80 0.00	23.52 1.68 0.00	22.46 1.57 0.00	22.31 1.46 0.00	23.08 1.59 0.00	25.59 1.83 0.00	28.62 2.27 0.00	32.23 2.55 0.00	35.13 2.75 0.00	36.72 2.81 0.00	38.46 2.91 0.00	40.26 3.17 -0.68	44.42 3.55 -0.04	48.50 3.58 -3.77	56.31 4.08 -7.88	77.18 4.76 -24.31	79.42 4.36 -28.64	72.59 4.41 -19.73	54.51 2.95 -7.54	48.57 2.52 -4.74	40.86 2.60 0.00	36.78 2.60 0.00	32.48 2.10 0.00
EAST_HAMPTON___DIESEL 23722	36.55 4.51 -6.26	31.86 3.97 -4.55	26.83 3.71 -1.29	24.40 3.49 -0.02	25.73 3.44 -1.44	25.48 3.57 -0.42	27.86 4.09 -0.02	34.91 4.85 -3.71	37.36 5.67 -2.01	39.09 6.41 -0.29	46.03 6.55 -5.57	49.43 7.04 -6.85	59.58 7.36 -15.81	60.73 8.25 -11.65	117.46 8.03 -68.28	130.28 9.32 -76.62	191.77 10.58 -133.08	243.43 9.84 -187.18	208.75 10.18 -150.12	129.38 7.97 -77.39	114.06 6.81 -65.94	53.67 6.74 -8.68	46.19 6.19 -5.83	41.46 5.16 -5.91
EAST_PULASKI___ESR 323781	25.42 -0.36 0.00	22.99 -0.35 0.00	21.48 -0.35 0.00	20.58 -0.31 0.00	20.47 -0.38 0.00	21.17 -0.32 0.00	23.50 -0.26 0.00	26.01 -0.34 0.00	29.23 -0.45 0.00	31.86 -0.52 0.00	33.27 -0.64 0.00	34.94 -0.60 0.00	35.76 -0.66 0.00	40.10 -0.73 0.00	40.49 -0.66 0.00	43.55 -0.80 0.00	47.53 -0.58 0.00	45.99 -0.42 0.00	48.21 -0.24 0.00	43.80 -0.22 0.00	40.98 -0.33 0.00	37.99 -0.27 0.00	33.74 -0.44 0.00	30.11 -0.27 0.00
EAST_RIVER___1 323558	28.08 2.29 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.63 1.73 0.00	22.52 1.67 0.00	23.19 1.70 0.00	25.78 2.02 0.00	28.94 2.58 0.00	32.59 2.91 0.00	35.52 3.14 0.00	37.10 3.19 0.00	38.78 3.23 0.00	40.55 3.50 -0.64	44.79 3.92 -0.04	48.63 3.71 -3.78	56.77 4.57 -7.85	77.10 5.39 -23.61	80.08 4.97 -28.70	73.17 4.94 -19.77	54.71 3.13 -7.56	48.75 2.68 -4.75	41.09 2.83 0.00	37.08 2.90 0.00	32.72 2.34 0.00
EAST_RIVER___2 323559	27.97 2.19 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.63 1.73 0.00	22.52 1.67 0.00	23.17 1.68 0.00	25.71 1.95 0.00	28.89 2.53 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.03 3.12 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.75 3.88 -0.04	48.63 3.71 -3.78	56.82 4.61 -7.85	77.15 5.43 -23.61	80.13 5.01 -28.70	73.17 4.94 -19.77	54.62 3.03 -7.56	48.62 2.56 -4.75	40.97 2.72 0.00	37.01 2.84 0.00	32.60 2.22 0.00
EAST___DELAWARE_HYD 23607	27.64 1.86 0.00	24.84 1.50 0.00	23.23 1.40 0.00	22.17 1.27 0.00	22.02 1.17 0.00	22.76 1.27 0.00	25.23 1.47 0.00	27.99 1.63 0.00	31.55 1.87 0.00	34.32 1.94 0.00	35.91 2.00 0.00	37.64 2.10 0.00	38.76 2.44 0.10	43.60 2.74 -0.03	47.30 2.67 -3.48	54.14 3.33 -6.46	64.61 4.04 -12.47	75.26 3.85 -25.00	70.07 3.97 -17.64	53.80 2.82 -6.96	48.08 2.40 -4.37	40.71 2.45 0.00	36.30 2.12 0.00	32.08 1.70 0.00
EIGHT_POINT___WT_PWR 323820	26.27 0.49 0.00	23.65 0.30 0.00	21.94 0.11 0.00	20.91 0.02 0.00	20.79 -0.06 0.00	21.64 0.15 0.00	24.28 0.52 0.00	26.70 0.34 0.00	30.01 0.33 0.00	32.74 0.36 0.00	34.11 0.20 0.00	35.72 0.18 0.00	36.42 0.00 0.00	40.59 -0.24 -0.01	41.78 -0.12 -0.75	45.47 -0.31 -1.42	51.94 1.06 -2.78	53.10 1.16 -5.53	54.30 1.94 -3.91	46.49 0.97 -1.51	43.13 0.87 -0.95	38.94 0.69 0.00	34.93 0.75 0.00	31.41 1.03 0.00
ELBRIDGE_115KV_TB2 80188	25.68 -0.10 0.00	23.27 -0.07 0.00	21.72 -0.11 0.00	20.77 -0.13 0.00	20.68 -0.17 0.00	21.40 -0.09 0.00	23.73 -0.02 0.00	26.30 -0.05 0.00	29.62 -0.06 0.00	32.28 -0.10 0.00	33.84 -0.07 0.00	35.54 0.00 0.00	36.38 -0.04 0.00	40.79 -0.04 0.00	41.38 -0.12 -0.35	44.93 -0.09 -0.67	49.79 0.38 -1.31	49.43 0.42 -2.60	50.82 0.53 -1.84	44.99 0.26 -0.71	41.88 0.12 -0.45	38.29 0.04 0.00	34.15 -0.03 0.00	30.38 0.00 0.00
ELEC_TRO_TEK 24086	34.54 2.50 -6.26	30.09 2.19 -4.55	25.20 2.07 -1.29	22.85 1.94 -0.02	24.13 1.83 -1.44	23.86 1.96 -0.42	26.03 2.26 -0.02	32.78 2.71 -3.71	34.75 3.06 -2.01	35.94 3.27 -0.29	40.57 3.26 -3.41	43.21 3.41 -4.25	44.22 3.64 -4.16	56.51 4.04 -11.64	52.42 4.12 -7.15	64.59 4.61 -15.63	77.22 5.34 -23.78	80.09 4.97 -28.72	73.17 4.94 -19.78	55.12 3.52 -7.58	49.08 3.02 -4.75	41.43 3.18 0.00	46.41 3.21 -9.01	38.84 2.58 -5.88
ELLENBURG_WT_PWR 323604	25.37 -0.41 0.00	23.02 -0.33 0.00	21.44 -0.39 0.00	20.54 -0.36 0.00	20.56 -0.29 0.00	21.10 -0.39 0.00	23.14 -0.62 0.00	25.83 -0.53 0.00	29.38 -0.30 0.00	32.22 -0.16 0.00	33.57 -0.34 0.00	34.97 -0.57 0.00	35.69 -0.73 0.00	40.05 -0.78 0.00	40.41 -0.74 0.00	43.55 -0.80 0.00	47.14 -0.96 0.00	45.99 -0.42 0.00	48.01 -0.44 0.00	44.02 0.00 0.00	41.48 0.17 0.00	38.14 -0.11 0.00	34.08 -0.10 0.00	30.26 -0.12 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.53 -0.26 0.00	23.04 -0.30 0.00	21.38 -0.46 0.00	20.37 -0.52 0.00	20.16 -0.69 0.00	21.04 -0.45 0.00	23.57 -0.19 0.00	25.67 -0.69 0.00	28.88 -0.80 0.00	31.54 -0.84 0.00	33.06 -0.85 0.00	34.58 -0.96 0.00	35.11 -1.31 0.00	39.04 -1.80 -0.01	39.55 -2.18 -0.58	43.05 -2.39 -1.09	49.08 -1.15 -2.13	49.58 -1.07 -4.23	51.39 -0.05 -2.99	44.07 -1.10 -1.16	40.92 -1.12 -0.73	37.22 -1.03 0.00	33.50 -0.68 0.00	30.38 0.00 0.00
EMPIRE_CC_1 323656	26.74 0.95 0.00	24.40 1.05 0.00	22.84 1.00 0.00	21.81 0.92 0.00	21.75 0.90 0.00	22.48 0.99 0.00	24.73 0.97 0.00	27.41 1.06 0.00	30.84 1.16 0.00	33.55 1.16 0.00	35.20 1.29 0.00	36.86 1.32 0.00	38.03 1.42 -0.19	42.44 1.55 -0.05	48.49 1.48 -5.86	57.23 1.59 -11.29	71.71 1.78 -21.82	89.55 1.62 -41.52	80.58 1.69 -30.44	57.07 1.32 -11.73	49.92 1.24 -7.37	39.52 1.26 0.00	35.34 1.16 0.00	31.44 1.06 0.00
EMPIRE_CC_2 323658	26.74 0.95 0.00	24.40 1.05 0.00	22.84 1.00 0.00	21.81 0.92 0.00	21.75 0.90 0.00	22.48 0.99 0.00	24.73 0.97 0.00	27.41 1.06 0.00	30.84 1.16 0.00	33.55 1.16 0.00	35.20 1.29 0.00	36.86 1.32 0.00	38.03 1.42 -0.19	42.44 1.55 -0.05	48.49 1.48 -5.86	57.23 1.59 -11.29	71.71 1.78 -21.82	89.55 1.62 -41.52	80.58 1.69 -30.44	57.07 1.32 -11.73	49.92 1.24 -7.37	39.52 1.26 0.00	35.34 1.16 0.00	31.44 1.06 0.00
ENORWICH_115KV_TB1 80156	27.79 2.01 0.00	24.93 1.59 0.00	23.21 1.38 0.00	22.27 1.38 0.00	22.06 1.21 0.00	22.93 1.44 0.00	25.75 2.00 0.00	28.36 2.00 0.00	31.70 2.02 0.00	34.42 2.04 0.00	35.94 2.03 0.00	37.85 2.31 0.00	38.75 2.33 0.00	43.38 2.53 -0.01	45.39 2.76 -1.48	49.99 2.84 -2.80	57.81 4.23 -5.47	61.84 4.55 -10.88	61.27 5.14 -7.69	51.96 4.97 -2.97	47.51 4.34 -1.87	42.04 3.79 0.00	36.98 2.80 0.00	32.90 2.52 0.00

ERIE_ST__34_KV_TB1-2 80199	25.71 -0.08 0.00	23.20 -0.14 0.00	21.48 -0.35 0.00	20.47 -0.42 0.00	20.27 -0.58 0.00	21.15 -0.34 0.00	23.76 0.00 0.00	25.83 -0.53 0.00	29.12 -0.56 0.00	31.86 -0.52 0.00	33.37 -0.54 0.00	34.94 -0.60 0.00	35.47 -0.95 0.00	39.49 -1.35 -0.01	40.07 -1.69 -0.60	43.67 -1.82 -1.14	49.75 -0.58 -2.22	50.27 -0.56 -4.42	51.96 0.39 -3.12	44.52 -0.70 -1.21	41.33 -0.74 -0.76	37.53 -0.73 0.00	33.77 -0.41 0.00	30.62 0.24 0.00
ERIE_WT_PWR 323693	25.71 -0.08 0.00	23.16 -0.19 0.00	21.46 -0.37 0.00	20.47 -0.42 0.00	20.29 -0.56 0.00	21.12 -0.37 0.00	23.71 -0.05 0.00	25.83 -0.53 0.00	29.05 -0.62 0.00	31.77 -0.62 0.00	33.20 -0.71 0.00	34.79 -0.75 0.00	35.32 -1.09 0.00	39.20 -1.63 -0.01	40.22 -1.52 -0.59	43.39 -2.08 -1.12	49.47 -0.82 -2.19	50.02 -0.74 -4.35	51.77 0.24 -3.08	44.24 -0.97 -1.19	41.19 -0.87 -0.75	37.45 -0.81 0.00	33.94 -0.24 0.00	30.62 0.24 0.00
ESPRGFLD_115KV_TB1 80157	27.43 1.65 0.00	24.81 1.47 0.00	23.19 1.35 0.00	22.17 1.27 0.00	22.04 1.19 0.00	22.87 1.38 0.00	25.33 1.57 0.00	28.10 1.74 0.00	31.55 1.87 0.00	34.36 1.98 0.00	35.94 2.03 0.00	37.75 2.20 0.00	38.79 2.29 -0.08	43.56 2.65 -0.08	52.31 2.76 -8.41	63.29 2.97 -15.97	83.14 3.80 -31.24	111.60 3.90 -61.29	96.32 4.26 -43.60	64.64 3.79 -16.83	55.31 3.43 -10.57	41.43 3.18 0.00	36.67 2.50 0.00	32.51 2.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.40 0.62 0.00	23.83 0.49 0.00	22.25 0.41 0.00	21.27 0.38 0.00	21.14 0.29 0.00	21.94 0.45 0.00	24.40 0.64 0.00	27.04 0.69 0.00	30.36 0.68 0.00	33.06 0.68 0.00	34.62 0.71 0.00	36.32 0.78 0.00	37.18 0.76 0.00	41.70 0.86 -0.01	42.87 0.86 -0.85	46.94 0.98 -1.61	53.03 1.78 -3.14	54.56 1.90 -6.25	55.10 2.23 -4.42	47.57 1.85 -1.71	43.95 1.57 -1.07	39.59 1.34 0.00	35.17 0.99 0.00	31.32 0.94 0.00
ETNA____115KV_TB2 80207	26.40 0.62 0.00	23.83 0.49 0.00	22.25 0.41 0.00	21.27 0.38 0.00	21.14 0.29 0.00	21.94 0.45 0.00	24.40 0.64 0.00	27.04 0.69 0.00	30.36 0.68 0.00	33.06 0.68 0.00	34.62 0.71 0.00	36.32 0.78 0.00	37.18 0.76 0.00	41.70 0.86 -0.01	42.87 0.86 -0.85	46.94 0.98 -1.61	53.03 1.78 -3.14	54.56 1.90 -6.25	55.10 2.23 -4.42	47.57 1.85 -1.71	43.95 1.57 -1.07	39.59 1.34 0.00	35.17 0.99 0.00	31.32 0.94 0.00
EUCLID____115KV_TB2 356179	25.47 -0.31 0.00	23.04 -0.30 0.00	21.53 -0.31 0.00	20.60 -0.29 0.00	20.49 -0.35 0.00	21.21 -0.28 0.00	23.52 -0.24 0.00	26.07 -0.29 0.00	29.32 -0.36 0.00	31.96 -0.42 0.00	33.54 -0.37 0.00	35.19 -0.36 0.00	36.05 -0.36 0.00	40.38 -0.45 0.00	40.66 -0.49 0.00	43.82 -0.53 0.00	47.96 -0.14 0.00	46.27 -0.14 0.00	48.40 -0.05 0.00	43.75 -0.26 0.00	40.98 -0.33 0.00	37.87 -0.38 0.00	33.77 -0.41 0.00	30.08 -0.30 0.00
E_CANADA_CAP_HY 24051	27.82 2.04 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.56 1.67 0.00	22.48 1.63 0.00	23.30 1.81 0.00	25.68 1.92 0.00	28.52 2.16 0.00	31.96 2.29 0.00	34.74 2.36 0.00	36.35 2.44 0.00	38.17 2.63 0.00	39.29 2.77 -0.11	44.20 3.27 -0.10	54.98 3.38 -10.46	67.91 3.68 -19.88	91.60 4.57 -38.92	127.29 4.69 -76.19	107.93 5.23 -54.24	69.67 4.71 -20.94	58.84 4.38 -13.15	42.39 4.13 0.00	37.43 3.25 0.00	33.17 2.79 0.00
E_CANADA_MHWK_HY 24050	25.96 0.18 0.00	23.39 0.05 0.00	21.88 0.04 0.00	20.96 0.06 0.00	20.89 0.04 0.00	21.58 0.09 0.00	24.02 0.26 0.00	26.57 0.21 0.00	29.89 0.21 0.00	32.61 0.23 0.00	34.15 0.24 0.00	35.82 0.28 0.00	36.67 0.26 0.00	41.12 0.29 0.00	41.52 0.37 0.00	44.75 0.40 0.00	48.73 0.62 0.00	47.11 0.70 0.00	49.18 0.73 0.00	44.63 0.62 0.00	41.77 0.46 0.00	38.60 0.34 0.00	34.39 0.21 0.00	30.62 0.24 0.00
E_FISHKILL____LBMP 23776	27.54 1.75 0.00	24.91 1.56 0.00	23.32 1.48 0.00	22.27 1.38 0.00	22.12 1.27 0.00	22.89 1.40 0.00	25.33 1.57 0.00	28.25 1.90 0.00	31.82 2.14 0.00	34.68 2.30 0.00	36.28 2.37 0.00	37.99 2.45 0.00	39.34 2.66 -0.26	43.85 2.98 -0.04	48.03 3.00 -3.88	55.34 3.37 -7.62	69.40 3.94 -17.35	79.36 3.62 -29.33	72.26 3.63 -20.18	54.25 2.46 -7.76	48.34 2.15 -4.88	40.47 2.22 0.00	36.33 2.15 0.00	32.14 1.76 0.00
FALCON____SEABRD_CC1 323796	25.63 -0.15 0.00	23.23 -0.12 0.00	21.64 -0.20 0.00	20.72 -0.17 0.00	20.75 -0.10 0.00	21.32 -0.17 0.00	23.35 -0.40 0.00	26.25 -0.11 0.00	29.92 0.24 0.00	32.80 0.42 0.00	34.18 0.27 0.00	35.58 0.04 0.00	36.27 -0.15 0.00	40.71 -0.12 0.00	41.11 -0.04 0.00	44.31 -0.04 0.00	48.06 -0.05 0.00	46.97 0.56 0.00	49.03 0.58 0.00	44.90 0.88 0.00	42.30 0.99 0.00	38.83 0.57 0.00	34.69 0.51 0.00	30.84 0.46 0.00
FALCON____SEABRD_CC2 323797	25.63 -0.15 0.00	23.23 -0.12 0.00	21.64 -0.20 0.00	20.72 -0.17 0.00	20.75 -0.10 0.00	21.32 -0.17 0.00	23.35 -0.40 0.00	26.25 -0.11 0.00	29.92 0.24 0.00	32.80 0.42 0.00	34.18 0.27 0.00	35.58 0.04 0.00	36.27 -0.15 0.00	40.71 -0.12 0.00	41.11 -0.04 0.00	44.31 -0.04 0.00	48.06 -0.05 0.00	46.97 0.56 0.00	49.03 0.58 0.00	44.90 0.88 0.00	42.30 0.99 0.00	38.83 0.57 0.00	34.69 0.51 0.00	30.84 0.46 0.00
FAR ROCKAWAY____4 23548	35.08 3.04 -6.26	30.53 2.64 -4.55	25.57 2.45 -1.29	23.21 2.30 -0.02	24.48 2.19 -1.44	24.23 2.32 -0.42	26.46 2.68 -0.02	33.23 3.16 -3.71	35.28 3.59 -2.01	36.46 3.79 -0.29	41.18 3.87 -3.41	43.92 4.12 -4.25	44.98 4.41 -4.16	57.45 4.98 -11.64	53.37 5.06 -7.15	65.66 5.68 -15.63	78.43 6.54 -23.78	81.25 6.13 -28.72	74.38 6.15 -19.78	56.22 4.62 -7.58	50.03 3.97 -4.75	42.35 4.09 0.00	56.26 3.96 -18.12	39.48 3.22 -5.88
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.10 2.32 0.00	25.33 1.98 0.00	23.69 1.86 0.00	22.63 1.73 0.00	22.50 1.65 0.00	23.23 1.74 0.00	25.80 2.04 0.00	28.97 2.61 0.00	32.62 2.94 0.00	35.59 3.21 0.00	37.13 3.22 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.83 3.96 -0.04	48.96 4.03 -3.78	56.82 4.61 -7.85	77.16 5.44 -23.62	80.13 5.01 -28.71	73.22 4.99 -19.77	54.75 3.17 -7.56	48.79 2.73 -4.75	41.16 2.91 0.00	37.19 3.01 0.00	32.78 2.40 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.10 2.32 0.00	25.33 1.98 0.00	23.69 1.86 0.00	22.65 1.75 0.00	22.50 1.65 0.00	23.23 1.74 0.00	25.80 2.04 0.00	28.97 2.61 0.00	32.62 2.94 0.00	35.55 3.17 0.00	37.13 3.22 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.83 3.96 -0.04	48.96 4.03 -3.78	56.82 4.61 -7.85	77.16 5.44 -23.62	80.13 5.01 -28.71	73.22 4.99 -19.77	54.80 3.21 -7.56	48.79 2.73 -4.75	41.16 2.91 0.00	37.19 3.01 0.00	32.78 2.40 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.08 2.29 0.00	25.31 1.96 0.00	23.67 1.83 0.00	22.63 1.73 0.00	22.48 1.63 0.00	23.21 1.72 0.00	25.78 2.02 0.00	28.94 2.58 0.00	32.62 2.94 0.00	35.55 3.17 0.00	37.10 3.19 0.00	38.81 3.27 0.00	40.55 3.50 -0.64	44.79 3.92 -0.04	48.92 3.99 -3.78	56.77 4.57 -7.85	77.11 5.39 -23.62	80.09 4.97 -28.71	73.17 4.94 -19.77	54.71 3.13 -7.56	48.75 2.69 -4.75	41.12 2.87 0.00	37.15 2.97 0.00	32.75 2.37 0.00

FARRAGUT___LBMP 323566	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.45 1.61 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.06 3.15 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.74 3.88 -0.04	48.88 3.95 -3.78	56.73 4.52 -7.85	77.01 5.29 -23.62	80.04 4.92 -28.71	73.07 4.85 -19.77	54.66 3.08 -7.56	48.71 2.64 -4.75	41.09 2.83 0.00	37.12 2.94 0.00	32.72 2.34 0.00
FENNER___WINDPWR 24204	26.30 0.52 0.00	23.69 0.35 0.00	22.14 0.31 0.00	21.18 0.29 0.00	21.10 0.25 0.00	21.81 0.32 0.00	24.28 0.52 0.00	26.94 0.58 0.00	30.27 0.59 0.00	33.03 0.65 0.00	34.59 0.68 0.00	36.32 0.78 0.00	37.22 0.80 0.00	41.69 0.86 0.00	42.46 0.90 -0.40	45.99 0.89 -0.75	51.07 1.49 -1.47	50.87 1.53 -2.93	52.17 1.65 -2.07	46.31 1.50 -0.80	43.14 1.32 -0.50	39.40 1.15 0.00	35.00 0.82 0.00	31.11 0.73 0.00
FIBERTEK___ENERGY 23856	25.78 0.00 0.00	23.32 -0.02 0.00	21.79 -0.04 0.00	20.83 -0.06 0.00	20.72 -0.13 0.00	21.45 -0.04 0.00	23.81 0.05 0.00	26.41 0.05 0.00	29.71 0.03 0.00	32.41 0.03 0.00	34.01 0.10 0.00	35.68 0.14 0.00	36.56 0.15 0.00	40.99 0.16 0.00	41.28 0.12 0.00	44.48 0.13 0.00	48.78 0.67 0.00	47.06 0.65 0.00	49.18 0.73 0.00	44.46 0.44 0.00	41.60 0.29 0.00	38.45 0.19 0.00	34.25 0.07 0.00	30.47 0.09 0.00
FITZPATRICK____ 23598	25.06 -0.72 0.00	22.69 -0.65 0.00	21.22 -0.61 0.00	20.31 -0.58 0.00	20.22 -0.62 0.00	20.89 -0.60 0.00	23.14 -0.62 0.00	25.65 -0.71 0.00	28.85 -0.83 0.00	31.44 -0.94 0.00	32.96 -0.95 0.00	34.58 -0.96 0.00	35.40 -1.02 0.00	39.64 -1.19 0.00	39.96 -1.19 0.00	43.02 -1.33 0.00	47.00 -1.10 0.00	45.39 -1.02 0.00	47.43 -1.02 0.00	42.92 -1.10 0.00	40.24 -1.07 0.00	37.22 -1.03 0.00	33.26 -0.92 0.00	29.59 -0.79 0.00
FLOWRFLD_69_KV_BK1 356044	35.11 3.07 -6.26	30.63 2.73 -4.55	25.70 2.58 -1.29	23.33 2.42 -0.02	24.60 2.31 -1.44	24.38 2.47 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.52 3.83 -2.01	36.82 4.14 -0.29	43.09 4.00 -5.18	46.93 4.12 -7.26	54.40 4.30 -13.69	57.06 4.57 -11.66	134.23 4.65 -88.43	146.30 5.23 -96.72	223.27 6.06 -169.10	275.54 5.66 -223.47	260.69 5.62 -206.62	148.55 4.14 -100.39	130.97 3.55 -86.10	53.55 3.75 -11.54	43.37 3.96 -5.22	39.49 3.22 -5.89
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.92 2.14 0.00	25.21 1.87 0.00	23.58 1.75 0.00	22.48 1.59 0.00	22.29 1.44 0.00	23.08 1.59 0.00	25.56 1.81 0.00	28.41 2.06 0.00	32.02 2.34 0.00	34.87 2.49 0.00	36.52 2.61 0.00	38.31 2.77 0.00	39.56 3.06 -0.08	44.34 3.47 -0.04	48.52 3.54 -3.82	55.71 4.04 -7.32	68.19 4.71 -15.37	79.50 4.41 -28.68	72.76 4.46 -19.85	54.89 3.21 -7.66	48.89 2.77 -4.81	41.05 2.79 0.00	36.74 2.56 0.00	32.51 2.13 0.00
FORT ORANGE____ 23900	26.84 1.06 0.00	24.37 1.03 0.00	22.82 0.98 0.00	21.79 0.90 0.00	21.72 0.88 0.00	22.43 0.94 0.00	24.76 1.00 0.00	27.46 1.11 0.00	30.93 1.25 0.00	33.64 1.26 0.00	35.23 1.32 0.00	36.68 1.14 0.00	37.59 1.02 -0.16	42.01 1.10 -0.08	50.23 1.07 -8.01	60.82 1.15 -15.32	79.51 1.35 -30.06	104.51 1.25 -56.85	90.85 1.31 -41.09	61.07 1.01 -16.04	52.34 0.95 -10.08	39.29 1.03 0.00	35.31 1.13 0.00	31.35 0.97 0.00
FORT_DRUM_COGEN 23780	25.58 -0.21 0.00	23.09 -0.26 0.00	21.53 -0.31 0.00	20.66 -0.23 0.00	20.56 -0.29 0.00	21.23 -0.26 0.00	23.62 -0.14 0.00	25.96 -0.40 0.00	29.09 -0.59 0.00	31.70 -0.68 0.00	33.10 -0.81 0.00	34.83 -0.71 0.00	35.65 -0.76 0.00	39.97 -0.86 0.00	40.86 -0.29 0.00	43.86 -0.49 0.00	47.62 -0.48 0.00	46.41 0.00 0.00	49.03 0.58 0.00	45.12 1.10 0.00	42.26 0.95 0.00	39.02 0.77 0.00	34.35 0.17 0.00	30.50 0.12 0.00
FPL_FAR_ROCK_GT1 24212	35.09 3.04 -6.26	30.53 2.64 -4.55	25.57 2.44 -1.29	23.21 2.30 -0.02	24.55 2.25 -1.45	24.23 2.32 -0.42	26.46 2.68 -0.02	33.25 3.19 -3.71	35.28 3.59 -2.01	36.46 3.79 -0.29	41.18 3.86 -3.41	43.91 4.12 -4.25	45.02 4.44 -4.16	57.49 5.02 -11.64	53.16 4.85 -7.15	65.66 5.68 -15.63	78.42 6.54 -23.78	81.25 6.13 -28.71	74.38 6.15 -19.78	56.18 4.58 -7.58	50.03 3.97 -4.75	42.31 4.05 0.00	56.23 3.93 -18.12	39.45 3.19 -5.88
FPL_FAR_ROCK_GT2 23815	35.09 3.04 -6.26	30.53 2.64 -4.55	25.57 2.44 -1.29	23.21 2.30 -0.02	24.55 2.25 -1.45	24.23 2.32 -0.42	26.46 2.68 -0.02	33.25 3.19 -3.71	35.28 3.59 -2.01	36.46 3.79 -0.29	41.18 3.86 -3.41	43.91 4.12 -4.25	45.02 4.44 -4.16	57.49 5.02 -11.64	53.16 4.85 -7.15	65.66 5.68 -15.63	78.42 6.54 -23.78	81.25 6.13 -28.71	74.38 6.15 -19.78	56.18 4.58 -7.58	50.03 3.97 -4.75	42.31 4.05 0.00	56.23 3.93 -18.12	39.45 3.19 -5.88
FRANKLIN_FALL_HYD 24054	25.32 -0.46 0.00	22.90 -0.44 0.00	21.33 -0.50 0.00	20.43 -0.46 0.00	20.52 -0.33 0.00	21.02 -0.47 0.00	23.07 -0.69 0.00	25.72 -0.63 0.00	29.17 -0.50 0.00	31.96 -0.42 0.00	33.37 -0.54 0.00	34.80 -0.75 0.00	35.47 -0.95 0.00	39.85 -0.98 0.00	40.25 -0.91 0.00	43.38 -0.98 0.00	46.76 -1.35 0.00	45.67 -0.74 0.00	47.63 -0.82 0.00	43.75 -0.26 0.00	41.23 -0.08 0.00	37.91 -0.34 0.00	33.80 -0.38 0.00	30.02 -0.36 0.00
FREEPORT_EQUS_GT1 23764	34.85 2.81 -6.26	30.37 2.47 -4.55	25.44 2.31 -1.29	23.08 2.17 -0.02	24.42 2.13 -1.44	24.12 2.21 -0.42	26.29 2.52 -0.02	33.09 3.03 -3.71	35.10 3.41 -2.01	36.33 3.66 -0.29	41.05 3.73 -3.41	43.67 3.87 -4.25	44.58 4.01 -4.16	56.84 4.37 -11.64	52.54 4.24 -7.15	64.99 5.01 -15.63	77.70 5.82 -23.78	80.55 5.43 -28.71	73.65 5.43 -19.77	55.52 3.92 -7.58	49.57 3.51 -4.75	42.04 3.79 0.00	46.08 3.69 -8.21	39.30 3.04 -5.88
FREEPORT___CT2 23818	34.85 2.81 -6.26	30.37 2.47 -4.55	25.44 2.31 -1.29	23.08 2.17 -0.02	24.42 2.13 -1.44	24.12 2.21 -0.42	26.29 2.52 -0.02	33.09 3.03 -3.71	35.10 3.41 -2.01	36.33 3.66 -0.29	41.05 3.73 -3.41	43.67 3.87 -4.25	44.58 4.01 -4.16	56.84 4.37 -11.64	52.54 4.24 -7.15	64.99 5.01 -15.63	77.70 5.82 -23.78	80.55 5.43 -28.71	73.65 5.43 -19.77	55.52 3.92 -7.58	49.57 3.51 -4.75	42.04 3.79 0.00	46.08 3.69 -8.21	39.30 3.04 -5.88
FRESHKLS_33_KV_LOAD 356253	28.27 2.48 -0.01	25.49 2.15 0.00	23.80 1.97 0.00	22.75 1.86 0.00	22.60 1.75 0.00	23.17 1.68 0.00	25.60 1.85 0.01	28.96 2.61 0.01	32.64 2.97 0.01	34.58 3.30 1.11	35.62 3.29 1.58	36.25 3.38 2.67	36.43 3.53 3.52	37.76 3.80 6.87	41.56 3.87 3.46	49.17 4.57 -0.25	69.58 5.48 -15.99	71.60 5.06 -20.13	56.76 4.94 -3.37	38.14 2.91 8.78	37.52 2.44 6.23	37.69 2.98 3.55	35.79 3.18 1.57	32.86 2.49 0.01
FULTON COGEN____ 23766	25.29 -0.49 0.00	22.88 -0.47 0.00	21.40 -0.44 0.00	20.47 -0.42 0.00	20.37 -0.48 0.00	21.08 -0.41 0.00	23.35 -0.40 0.00	25.91 -0.45 0.00	29.17 -0.50 0.00	31.80 -0.58 0.00	33.33 -0.58 0.00	34.97 -0.57 0.00	35.83 -0.58 0.00	40.18 -0.65 0.00	40.41 -0.74 0.00	43.55 -0.80 0.00	47.67 -0.43 0.00	45.99 -0.42 0.00	48.11 -0.34 0.00	43.53 -0.48 0.00	40.78 -0.54 0.00	37.68 -0.57 0.00	33.56 -0.62 0.00	29.90 -0.49 0.00

FULTON___LFGE 323630	29.03 3.25 0.00	25.89 2.54 0.00	24.21 2.38 0.00	23.11 2.21 0.00	23.04 2.19 0.00	23.90 2.41 0.00	26.92 3.16 0.00	29.89 3.53 0.00	33.33 3.65 0.00	35.98 3.59 0.00	37.54 3.63 0.00	39.42 3.87 0.00	40.58 4.04 -0.12	45.87 4.94 -0.11	57.59 5.10 -11.33	71.63 5.72 -21.56	97.48 7.17 -42.20	136.59 7.61 -82.56	115.91 8.67 -58.79	74.72 8.01 -22.69	63.13 7.56 -14.25	45.03 6.77 0.00	39.55 5.37 0.00	35.06 4.68 0.00
G.F.CEMENT___DRP 24184	27.38 1.60 0.00	24.88 1.54 0.00	23.27 1.44 0.00	22.21 1.32 0.00	22.12 1.27 0.00	22.93 1.44 0.00	25.37 1.62 0.00	28.23 1.87 0.00	31.76 2.08 0.00	34.62 2.23 0.00	36.32 2.41 0.00	38.17 2.63 0.00	39.34 2.77 -0.15	44.50 3.55 -0.11	56.79 3.58 -12.06	71.17 3.86 -22.96	97.46 4.47 -44.88	138.38 4.36 -87.61	115.68 4.65 -62.58	72.35 4.18 -24.15	60.37 3.88 -15.17	41.70 3.44 0.00	36.91 2.73 0.00	32.75 2.37 0.00
GARDENVILLE___LBMP 24039	25.58 -0.21 0.00	23.09 -0.26 0.00	21.42 -0.41 0.00	20.41 -0.48 0.00	20.20 -0.65 0.00	21.08 -0.41 0.00	23.64 -0.12 0.00	25.72 -0.63 0.00	28.97 -0.71 0.00	31.67 -0.71 0.00	33.16 -0.75 0.00	34.69 -0.85 0.00	35.21 -1.20 0.00	39.16 -1.67 -0.01	39.73 -2.02 -0.59	43.25 -2.22 -1.12	49.32 -0.96 -2.18	49.82 -0.93 -4.33	51.61 0.10 -3.06	44.28 -0.92 -1.18	41.06 -0.99 -0.74	37.34 -0.92 0.00	33.63 -0.55 0.00	30.47 0.09 0.00
GARDNVLA_35_KV_LD 355827	25.68 -0.10 0.00	23.18 -0.16 0.00	21.48 -0.35 0.00	20.50 -0.40 0.00	20.27 -0.58 0.00	21.15 -0.34 0.00	23.73 -0.02 0.00	25.83 -0.53 0.00	29.09 -0.59 0.00	31.80 -0.58 0.00	33.30 -0.61 0.00	34.87 -0.68 0.00	35.36 -1.06 0.00	39.37 -1.47 -0.01	39.89 -1.85 -0.59	43.48 -2.00 -1.12	49.58 -0.72 -2.19	50.08 -0.70 -4.36	51.87 0.34 -3.08	44.46 -0.75 -1.19	41.27 -0.78 -0.75	37.53 -0.73 0.00	33.77 -0.41 0.00	30.59 0.21 0.00
GELCKHM___115KV_LOAD 80723	25.55 -0.23 0.00	23.13 -0.21 0.00	21.62 -0.22 0.00	20.68 -0.21 0.00	20.58 -0.27 0.00	21.30 -0.19 0.00	23.62 -0.14 0.00	26.17 -0.18 0.00	29.44 -0.24 0.00	32.12 -0.26 0.00	33.71 -0.20 0.00	35.36 -0.18 0.00	36.23 -0.18 0.00	40.59 -0.24 0.00	40.86 -0.29 0.00	44.04 -0.31 0.00	48.25 0.14 0.00	46.55 0.14 0.00	48.69 0.24 0.00	43.97 -0.04 0.00	41.19 -0.12 0.00	38.06 -0.19 0.00	33.94 -0.24 0.00	30.20 -0.18 0.00
GENERAL___MILLS 23808	25.63 -0.15 0.00	23.13 -0.21 0.00	21.46 -0.37 0.00	20.45 -0.44 0.00	20.24 -0.60 0.00	21.13 -0.37 0.00	23.69 -0.07 0.00	25.78 -0.58 0.00	29.03 -0.65 0.00	31.73 -0.65 0.00	33.23 -0.68 0.00	34.76 -0.78 0.00	35.29 -1.13 0.00	39.28 -1.55 -0.01	39.81 -1.93 -0.59	43.34 -2.13 -1.12	49.43 -0.87 -2.19	49.98 -0.79 -4.35	51.77 0.24 -3.08	44.37 -0.84 -1.19	41.15 -0.91 -0.75	37.41 -0.84 0.00	33.70 -0.48 0.00	30.53 0.15 0.00
GE_PLASTICS___DRP 24183	26.74 0.95 0.00	24.28 0.93 0.00	22.73 0.90 0.00	21.71 0.81 0.00	21.60 0.75 0.00	22.35 0.86 0.00	24.66 0.90 0.00	27.38 1.03 0.00	30.84 1.16 0.00	33.58 1.20 0.00	35.13 1.22 0.00	36.82 1.28 0.00	37.52 0.95 -0.16	41.96 1.06 -0.07	49.46 1.03 -7.28	59.40 1.11 -13.94	76.78 1.20 -27.47	78.03 1.07 -30.56	78.04 1.07 -28.52	59.48 0.88 -14.58	51.26 0.78 -9.16	39.10 0.84 0.00	35.38 1.20 0.00	31.44 1.06 0.00
GILBOA___1 23756	26.74 0.95 0.00	24.23 0.89 0.00	22.75 0.92 0.00	21.73 0.84 0.00	21.66 0.81 0.00	22.37 0.88 0.00	24.64 0.88 0.00	27.41 1.06 0.00	30.84 1.16 0.00	33.61 1.23 0.00	35.20 1.29 0.00	36.89 1.35 0.00	37.93 1.42 -0.10	42.37 1.51 -0.03	46.05 1.44 -3.45	52.50 1.51 -6.64	63.22 1.68 -13.43	73.32 1.53 -25.38	67.94 1.55 -17.94	52.26 1.32 -6.92	46.90 1.24 -4.35	39.52 1.26 0.00	35.34 1.16 0.00	31.38 1.00 0.00
GILBOA___2 23757	26.74 0.95 0.00	24.23 0.89 0.00	22.75 0.92 0.00	21.73 0.84 0.00	21.66 0.81 0.00	22.37 0.88 0.00	24.64 0.88 0.00	27.41 1.06 0.00	30.84 1.16 0.00	33.61 1.23 0.00	35.20 1.29 0.00	36.89 1.35 0.00	37.93 1.42 -0.10	42.37 1.51 -0.03	46.05 1.44 -3.45	52.50 1.51 -6.64	63.22 1.68 -13.43	73.32 1.53 -25.38	67.94 1.55 -17.94	52.26 1.32 -6.92	46.90 1.24 -4.35	39.52 1.26 0.00	35.34 1.16 0.00	31.38 1.00 0.00
GILBOA___3 23758	26.74 0.95 0.00	24.23 0.89 0.00	22.75 0.92 0.00	21.73 0.84 0.00	21.66 0.81 0.00	22.37 0.88 0.00	24.64 0.88 0.00	27.41 1.06 0.00	30.84 1.16 0.00	33.61 1.23 0.00	35.20 1.29 0.00	36.89 1.35 0.00	37.93 1.42 -0.10	42.37 1.51 -0.03	46.05 1.44 -3.45	52.50 1.51 -6.64	63.22 1.68 -13.43	73.32 1.53 -25.38	67.94 1.55 -17.94	52.26 1.32 -6.92	46.90 1.24 -4.35	39.52 1.26 0.00	35.34 1.16 0.00	31.38 1.00 0.00
GILBOA___4 23759	26.74 0.95 0.00	24.23 0.89 0.00	22.75 0.92 0.00	21.73 0.84 0.00	21.66 0.81 0.00	22.37 0.88 0.00	24.64 0.88 0.00	27.41 1.06 0.00	30.84 1.16 0.00	33.61 1.23 0.00	35.20 1.29 0.00	36.89 1.35 0.00	37.93 1.42 -0.10	42.37 1.51 -0.03	46.05 1.44 -3.45	52.50 1.51 -6.64	63.22 1.68 -13.43	73.32 1.53 -25.38	67.94 1.55 -17.94	52.26 1.32 -6.92	46.90 1.24 -4.35	39.52 1.26 0.00	35.34 1.16 0.00	31.38 1.00 0.00
GILBOA___ 23599	26.74 0.95 0.00	24.23 0.89 0.00	22.75 0.92 0.00	21.73 0.84 0.00	21.62 0.77 0.00	22.37 0.88 0.00	24.64 0.88 0.00	27.38 1.03 0.00	30.84 1.16 0.00	33.61 1.23 0.00	35.20 1.29 0.00	36.89 1.35 0.00	37.94 1.42 -0.10	42.37 1.51 -0.03	46.09 1.48 -3.46	52.50 1.51 -6.64	63.22 1.68 -13.43	73.33 1.53 -25.39	68.00 1.60 -17.95	52.26 1.32 -6.92	46.90 1.24 -4.35	39.52 1.26 0.00	35.38 1.20 0.00	31.41 1.03 0.00
GINNA___ 23603	24.60 -1.19 0.00	22.22 -1.12 0.00	20.68 -1.16 0.00	19.74 -1.15 0.00	19.64 -1.21 0.00	20.40 -1.10 0.00	22.74 -1.02 0.00	25.07 -1.29 0.00	28.23 -1.45 0.00	30.83 -1.55 0.00	32.28 -1.63 0.00	33.98 -1.56 0.00	34.63 -1.78 0.00	38.79 -2.04 0.00	39.49 -2.06 -0.39	42.66 -2.44 -0.74	47.83 -1.73 -1.45	47.81 -1.49 -2.89	49.43 -1.07 -2.04	43.09 -1.72 -0.79	40.15 -1.65 -0.50	36.61 -1.64 0.00	32.78 -1.40 0.00	29.26 -1.12 0.00
GLEN PARK___ 23778	25.71 -0.08 0.00	23.18 -0.16 0.00	21.59 -0.24 0.00	20.75 -0.15 0.00	20.64 -0.21 0.00	21.32 -0.17 0.00	23.73 -0.02 0.00	26.15 -0.21 0.00	29.29 -0.39 0.00	31.93 -0.45 0.00	33.30 -0.61 0.00	35.08 -0.46 0.00	35.91 -0.51 0.00	40.26 -0.57 0.00	41.15 0.00 0.00	44.09 -0.26 0.00	47.87 -0.24 0.00	46.64 0.23 0.00	49.32 0.87 0.00	45.47 1.45 0.00	42.55 1.24 0.00	39.29 1.03 0.00	34.56 0.38 0.00	30.65 0.27 0.00
GLENDALE_27_KV_LOAD 356172	28.31 2.53 0.00	25.49 2.15 0.00	23.82 1.99 0.00	22.77 1.88 0.00	22.64 1.79 0.00	23.34 1.85 0.00	25.85 2.09 0.00	29.19 2.82 -0.01	32.86 3.18 -0.01	36.42 3.46 -0.58	37.40 3.49 0.00	39.10 3.55 0.00	40.84 3.79 -0.64	45.03 4.16 -0.04	49.13 4.20 -3.78	57.04 4.83 -7.85	77.44 5.72 -23.61	80.41 5.29 -28.71	73.36 5.14 -19.77	54.79 3.21 -7.56	48.82 2.77 -4.74	41.39 3.14 0.00	37.50 3.32 -0.01	33.02 2.64 0.00

GLENWOOD_IC_1_G5 23712	34.57 2.53 -6.26	30.11 2.22 -4.55	25.20 2.07 -1.29	22.85 1.94 -0.02	24.13 1.83 -1.44	23.89 1.98 -0.42	26.03 2.26 -0.02	32.83 2.77 -3.71	34.81 3.12 -2.01	36.07 3.40 -0.29	40.81 3.49 -3.41	43.21 3.41 -4.25	44.26 3.68 -4.16	56.60 4.12 -11.64	52.50 4.20 -7.15	64.77 4.79 -15.63	77.37 5.48 -23.78	80.23 5.11 -28.72	73.32 5.09 -19.78	55.17 3.57 -7.58	49.12 3.06 -4.75	41.43 3.18 0.00	43.36 3.08 -6.10	38.94 2.67 -5.88
GLENWOOD_IC_2_G1 23688	34.36 2.32 -6.26	29.93 2.03 -4.55	25.04 1.92 -1.29	22.71 1.80 -0.02	24.02 1.73 -1.44	23.71 1.81 -0.42	25.87 2.09 -0.02	32.62 2.56 -3.71	34.57 2.88 -2.01	35.78 3.11 -0.29	40.50 3.19 -3.41	43.06 3.27 -4.25	44.11 3.53 -4.16	56.39 3.92 -11.64	52.13 3.83 -7.15	64.51 4.53 -15.63	77.13 5.24 -23.78	79.99 4.87 -28.71	73.07 4.84 -19.78	54.94 3.34 -7.58	48.95 2.89 -4.75	41.28 3.02 0.00	40.95 2.90 -3.86	38.66 2.40 -5.88
GLENWOOD_IC_3_G1 23689	34.36 2.32 -6.26	29.93 2.03 -4.55	25.04 1.92 -1.29	22.71 1.80 -0.02	24.02 1.73 -1.44	23.71 1.81 -0.42	25.87 2.09 -0.02	32.62 2.56 -3.71	34.57 2.88 -2.01	35.78 3.11 -0.29	40.50 3.19 -3.41	43.06 3.27 -4.25	44.11 3.53 -4.16	56.39 3.92 -11.64	52.13 3.83 -7.15	64.51 4.53 -15.63	77.13 5.24 -23.78	79.99 4.87 -28.71	73.07 4.84 -19.78	54.94 3.34 -7.58	48.95 2.89 -4.75	41.28 3.02 0.00	40.95 2.90 -3.86	38.66 2.40 -5.88
GLENWOOD___4 23550	34.57 2.53 -6.26	30.11 2.22 -4.55	25.20 2.07 -1.29	22.85 1.94 -0.02	24.13 1.83 -1.44	23.89 1.98 -0.42	26.03 2.26 -0.02	32.83 2.77 -3.71	34.81 3.12 -2.01	36.07 3.40 -0.29	40.81 3.49 -3.41	43.31 3.52 -4.25	44.33 3.75 -4.16	56.72 4.25 -11.64	52.59 4.28 -7.15	64.86 4.88 -15.63	77.51 5.63 -23.78	80.33 5.20 -28.72	73.42 5.18 -19.78	55.30 3.70 -7.58	49.20 3.14 -4.75	41.51 3.25 0.00	43.46 3.18 -6.10	38.94 2.67 -5.88
GLENWOOD___5 23614	34.57 2.53 -6.26	30.11 2.22 -4.55	25.20 2.07 -1.29	22.85 1.94 -0.02	24.13 1.83 -1.44	23.89 1.98 -0.42	26.03 2.26 -0.02	32.83 2.77 -3.71	34.81 3.12 -2.01	36.07 3.40 -0.29	40.81 3.49 -3.41	43.31 3.52 -4.25	44.33 3.75 -4.16	56.72 4.25 -11.64	52.59 4.28 -7.15	64.86 4.88 -15.63	77.51 5.63 -23.78	80.33 5.20 -28.72	73.42 5.18 -19.78	55.30 3.70 -7.58	49.20 3.14 -4.75	41.51 3.25 0.00	43.46 3.18 -6.10	38.94 2.67 -5.88
GLOBAL GREEN_PORT_GT1 23814	36.42 4.38 -6.26	31.72 3.83 -4.55	26.70 3.58 -1.29	24.27 3.36 -0.02	25.61 3.32 -1.44	25.37 3.46 -0.42	27.74 3.97 -0.02	34.78 4.72 -3.71	37.18 5.49 -2.01	38.89 6.22 -0.29	45.79 6.31 -5.57	49.15 6.75 -6.85	59.33 7.10 -15.81	60.45 7.96 -11.65	117.18 7.73 -68.30	130.03 9.05 -76.63	191.51 10.30 -133.11	243.30 9.61 -187.28	208.51 9.88 -150.18	129.12 7.70 -77.41	113.92 6.65 -65.95	53.48 6.54 -8.68	46.03 6.02 -5.83	41.30 5.01 -5.91
GLOBE___DSASP 323697	24.73 -1.06 0.00	22.34 -1.00 0.00	20.72 -1.11 0.00	19.76 -1.13 0.00	19.56 -1.29 0.00	20.54 -0.95 0.00	22.86 -0.90 0.00	24.80 -1.56 0.00	27.90 -1.78 0.00	30.44 -1.94 0.00	31.87 -2.03 0.00	33.34 -2.20 0.00	33.79 -2.62 0.00	37.53 -3.31 -0.01	37.95 -3.74 -0.54	41.29 -4.08 -1.02	47.01 -3.08 -1.98	47.39 -2.97 -3.95	49.35 -1.89 -2.79	42.41 -2.69 -1.08	39.39 -2.60 -0.68	35.85 -2.41 0.00	32.33 -1.85 0.00	29.38 -1.00 0.00
GOETHSLN___LBMP 323567	27.95 2.17 0.00	25.14 1.80 0.00	23.52 1.68 0.00	22.48 1.59 0.00	22.33 1.48 0.00	23.06 1.57 0.00	25.64 1.88 0.00	28.78 2.42 0.00	32.41 2.73 0.00	34.20 2.91 1.10	35.29 2.95 1.57	38.53 2.99 0.00	40.26 3.20 -0.64	44.46 3.59 -0.04	41.36 3.66 3.46	48.86 4.26 -0.26	69.11 5.00 -16.00	71.15 4.59 -20.14	56.38 4.55 -3.37	38.06 2.82 8.78	37.48 2.40 6.23	40.82 2.56 0.00	36.91 2.73 0.00	32.57 2.19 0.00
GOLAH___69_KV_TB 1_2 80279	25.71 -0.08 0.00	23.23 -0.12 0.00	21.62 -0.22 0.00	20.64 -0.25 0.00	20.47 -0.38 0.00	21.30 -0.19 0.00	23.78 0.02 0.00	26.07 -0.29 0.00	29.38 -0.30 0.00	32.03 -0.36 0.00	33.57 -0.34 0.00	35.19 -0.36 0.00	35.91 -0.51 0.00	40.06 -0.78 0.00	40.46 -1.11 -0.42	43.90 -1.24 -0.79	49.55 -0.10 -1.54	49.44 -0.05 -3.07	51.35 0.73 -2.17	44.68 -0.18 -0.84	41.47 -0.37 -0.53	37.87 -0.38 0.00	33.97 -0.21 0.00	30.59 0.21 0.00
GOODYEAR_LAKE_HYD 323669	27.05 1.26 0.00	24.44 1.10 0.00	22.86 1.03 0.00	21.87 0.98 0.00	21.72 0.88 0.00	22.52 1.03 0.00	24.99 1.24 0.00	27.73 1.37 0.00	31.16 1.48 0.00	33.97 1.59 0.00	35.57 1.66 0.00	37.32 1.78 0.00	38.27 1.86 0.00	42.95 2.08 -0.04	47.71 2.14 -4.42	54.97 2.26 -8.36	67.34 2.93 -16.31	81.73 2.88 -32.44	74.43 3.05 -22.92	55.51 2.64 -8.85	49.23 2.35 -5.56	40.47 2.22 0.00	35.96 1.78 0.00	31.90 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.17 0.39 0.00	23.62 0.28 0.00	22.03 0.20 0.00	21.04 0.15 0.00	20.91 0.06 0.00	21.71 0.21 0.00	24.14 0.38 0.00	26.70 0.34 0.00	30.04 0.36 0.00	32.74 0.36 0.00	34.32 0.41 0.00	35.97 0.43 0.00	36.82 0.40 0.00	41.21 0.37 -0.01	42.73 0.33 -1.25	47.06 0.35 -2.36	53.81 1.11 -4.60	56.58 1.02 -9.15	56.27 1.36 -6.46	47.31 0.79 -2.50	43.54 0.66 -1.57	38.83 0.57 0.00	34.66 0.48 0.00	30.93 0.55 0.00
GOUDEY___7 23579	26.20 0.41 0.00	23.65 0.30 0.00	22.05 0.22 0.00	21.06 0.17 0.00	20.93 0.08 0.00	21.73 0.24 0.00	24.16 0.40 0.00	26.73 0.37 0.00	30.07 0.39 0.00	32.80 0.42 0.00	34.38 0.47 0.00	36.04 0.50 0.00	36.85 0.44 0.00	41.29 0.45 -0.01	42.81 0.41 -1.25	47.15 0.44 -2.36	53.86 1.15 -4.60	56.67 1.11 -9.15	56.32 1.41 -6.46	47.39 0.88 -2.50	43.58 0.70 -1.57	38.87 0.61 0.00	34.69 0.51 0.00	30.96 0.58 0.00
GOUDEY___8 23580	26.17 0.39 0.00	23.62 0.28 0.00	22.03 0.20 0.00	21.04 0.15 0.00	20.91 0.06 0.00	21.71 0.21 0.00	24.14 0.38 0.00	26.70 0.34 0.00	30.04 0.36 0.00	32.74 0.36 0.00	34.32 0.41 0.00	35.97 0.43 0.00	36.82 0.40 0.00	41.21 0.37 -0.01	42.73 0.33 -1.25	47.06 0.35 -2.36	53.81 1.11 -4.60	56.58 1.02 -9.15	56.27 1.36 -6.46	47.31 0.79 -2.50	43.54 0.66 -1.57	38.83 0.57 0.00	34.66 0.48 0.00	30.93 0.55 0.00
GOWANUS_GT1_1 24077	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00
GOWANUS_GT1_2 24078	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00

GOWANUS_GT1_3 24079	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00
GOWANUS_GT1_4 24080	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00
GOWANUS_GT1_5 24084	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00
GOWANUS_GT1_6 24111	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00
GOWANUS_GT1_7 24112	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00
GOWANUS_GT1_8 24113	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00
GOWANUS_GT2_1 24114	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
GOWANUS_GT2_2 24115	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
GOWANUS_GT2_3 24116	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
GOWANUS_GT2_4 24117	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
GOWANUS_GT2_5 24118	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
GOWANUS_GT2_6 24119	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
GOWANUS_GT2_7 24120	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
GOWANUS_GT2_8 24121	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
GOWANUS_GT3_1 24122	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00

GOWANUS_GT3_2 24123	28.34	25.49	23.82	22.79	22.68	23.25	25.75	29.13	32.83	39.95	37.37	39.15	40.81	44.91	48.55	77.92	98.55	80.41	74.83	54.65	48.70	41.37	37.57	32.99
	2.55	2.15	1.99	1.90	1.84	1.76	2.00	2.77	3.14	3.47	3.46	3.55	3.75	4.04	3.62	4.79	5.63	5.24	5.13	3.08	2.65	3.06	3.28	2.61
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-4.11	0.00	-0.06	-0.64	-0.04	-3.78	-28.78	-44.82	-28.76	-21.25	-7.56	-4.74	-0.06	-0.11	0.00
GOWANUS_GT3_3 24124	28.34	25.49	23.82	22.79	22.68	23.25	25.75	29.13	32.83	39.95	37.37	39.15	40.81	44.91	48.55	77.92	98.55	80.41	74.83	54.65	48.70	41.37	37.57	32.99
	2.55	2.15	1.99	1.90	1.84	1.76	2.00	2.77	3.14	3.47	3.46	3.55	3.75	4.04	3.62	4.79	5.63	5.24	5.13	3.08	2.65	3.06	3.28	2.61
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-4.11	0.00	-0.06	-0.64	-0.04	-3.78	-28.78	-44.82	-28.76	-21.25	-7.56	-4.74	-0.06	-0.11	0.00
GOWANUS_GT3_4 24125	28.34	25.49	23.82	22.79	22.68	23.25	25.75	29.13	32.83	39.95	37.37	39.15	40.81	44.91	48.55	77.92	98.55	80.41	74.83	54.65	48.70	41.37	37.57	32.99
	2.55	2.15	1.99	1.90	1.84	1.76	2.00	2.77	3.14	3.47	3.46	3.55	3.75	4.04	3.62	4.79	5.63	5.24	5.13	3.08	2.65	3.06	3.28	2.61
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-4.11	0.00	-0.06	-0.64	-0.04	-3.78	-28.78	-44.82	-28.76	-21.25	-7.56	-4.74	-0.06	-0.11	0.00
GOWANUS_GT3_5 24126	28.34	25.49	23.82	22.79	22.68	23.25	25.75	29.13	32.83	39.95	37.37	39.15	40.81	44.91	48.55	77.92	98.55	80.41	74.83	54.65	48.70	41.37	37.57	32.99
	2.55	2.15	1.99	1.90	1.84	1.76	2.00	2.77	3.14	3.47	3.46	3.55	3.75	4.04	3.62	4.79	5.63	5.24	5.13	3.08	2.65	3.06	3.28	2.61
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-4.11	0.00	-0.06	-0.64	-0.04	-3.78	-28.78	-44.82	-28.76	-21.25	-7.56	-4.74	-0.06	-0.11	0.00
GOWANUS_GT3_6 24127	28.34	25.49	23.82	22.79	22.68	23.25	25.75	29.13	32.83	39.95	37.37	39.15	40.81	44.91	48.55	77.92	98.55	80.41	74.83	54.65	48.70	41.37	37.57	32.99
	2.55	2.15	1.99	1.90	1.84	1.76	2.00	2.77	3.14	3.47	3.46	3.55	3.75	4.04	3.62	4.79	5.63	5.24	5.13	3.08	2.65	3.06	3.28	2.61
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-4.11	0.00	-0.06	-0.64	-0.04	-3.78	-28.78	-44.82	-28.76	-21.25	-7.56	-4.74	-0.06	-0.11	0.00
GOWANUS_GT3_7 24128	28.34	25.49	23.82	22.79	22.68	23.25	25.75	29.13	32.83	39.95	37.37	39.15	40.81	44.91	48.55	77.92	98.55	80.41	74.83	54.65	48.70	41.37	37.57	32.99
	2.55	2.15	1.99	1.90	1.84	1.76	2.00	2.77	3.14	3.47	3.46	3.55	3.75	4.04	3.62	4.79	5.63	5.24	5.13	3.08	2.65	3.06	3.28	2.61
	-0.01	0.00	0.00	0.00	0.00	0.0																		

GREENBSH_115KV_TB3 55895	26.63 0.85 0.00	24.21 0.86 0.00	22.66 0.83 0.00	21.64 0.75 0.00	21.54 0.69 0.00	22.29 0.80 0.00	24.59 0.83 0.00	27.31 0.95 0.00	30.75 1.07 0.00	33.48 1.10 0.00	34.99 1.09 0.00	36.71 1.17 0.00	37.63 1.06 -0.16	42.13 1.22 -0.08	50.54 1.19 -8.19	61.30 1.29 -15.67	80.27 1.44 -30.73	107.05 1.30 -59.34	92.34 1.36 -42.53	61.48 1.06 -16.41	52.57 0.95 -10.31	39.21 0.96 0.00	35.27 1.09 0.00	31.35 0.97 0.00
GREENDGE_115KV_TB5 80291	26.14 0.36 0.00	23.58 0.23 0.00	21.92 0.09 0.00	20.91 0.02 0.00	20.77 -0.08 0.00	21.64 0.15 0.00	24.21 0.45 0.00	26.75 0.40 0.00	30.09 0.42 0.00	32.80 0.42 0.00	34.28 0.37 0.00	35.76 0.21 0.00	36.56 0.15 0.00	40.92 0.08 -0.01	41.83 -0.04 -0.72	45.70 0.00 -1.35	51.90 1.15 -2.64	52.87 1.21 -5.25	53.95 1.79 -3.71	46.51 1.06 -1.43	43.00 0.78 -0.90	38.83 0.57 0.00	34.79 0.62 0.00	31.17 0.79 0.00
GREENIDGE___3 23582	26.14 0.36 0.00	23.58 0.23 0.00	21.92 0.09 0.00	20.91 0.02 0.00	20.77 -0.08 0.00	21.64 0.15 0.00	24.21 0.45 0.00	26.75 0.40 0.00	30.09 0.42 0.00	32.80 0.42 0.00	34.28 0.37 0.00	35.76 0.21 0.00	36.56 0.15 0.00	40.92 0.08 -0.01	41.83 -0.04 -0.72	45.70 0.00 -1.35	51.90 1.15 -2.64	52.87 1.21 -5.25	53.95 1.79 -3.71	46.51 1.06 -1.43	43.00 0.78 -0.90	38.83 0.57 0.00	34.79 0.62 0.00	31.17 0.79 0.00
GREENIDGE___4 23583	26.17 0.39 0.00	23.58 0.23 0.00	21.92 0.09 0.00	20.91 0.02 0.00	20.81 -0.04 0.00	21.64 0.15 0.00	24.21 0.45 0.00	26.78 0.42 0.00	30.09 0.42 0.00	32.80 0.42 0.00	34.25 0.34 0.00	35.76 0.21 0.00	36.56 0.15 0.00	40.88 0.04 -0.01	41.99 0.12 -0.72	45.70 0.00 -1.35	51.85 1.11 -2.64	52.92 1.25 -5.25	53.90 1.74 -3.71	46.46 1.01 -1.43	43.00 0.78 -0.90	38.83 0.57 0.00	34.80 0.62 0.00	31.20 0.82 0.00
GREENLWN_69_KV_BK 3 55738	34.75 2.71 -6.26	30.30 2.40 -4.55	25.37 2.25 -1.29	23.02 2.11 -0.02	24.29 2.00 -1.44	24.04 2.13 -0.42	26.20 2.42 -0.02	33.02 2.95 -3.71	34.98 3.29 -2.01	36.17 3.50 -0.29	40.14 3.09 -3.15	42.65 3.34 -3.76	42.68 3.55 -2.77	56.35 3.88 -11.64	38.70 3.91 6.36	50.98 4.48 -2.15	52.92 5.20 0.38	13.70 4.83 37.54	34.60 4.75 18.60	39.52 3.35 7.85	35.31 2.77 8.77	39.28 2.95 1.92	39.38 3.14 -2.05	38.78 2.52 -5.87
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00
GRISSOM___SOLAR 323813	29.03 3.25 0.00	25.89 2.54 0.00	24.21 2.38 0.00	23.11 2.21 0.00	23.04 2.19 0.00	23.90 2.41 0.00	26.92 3.16 0.00	29.89 3.53 0.00	33.33 3.65 0.00	35.98 3.59 0.00	37.54 3.63 0.00	39.42 3.87 0.00	40.58 4.04 -0.12	45.87 4.94 -0.11	57.59 5.10 -11.33	71.63 5.72 -21.56	97.48 7.17 -42.20	136.59 7.61 -82.56	115.91 8.67 -58.79	74.72 8.01 -22.69	63.13 7.56 -14.25	45.03 6.77 0.00	39.55 5.37 0.00	35.06 4.68 0.00
GROVEVILLE___HYD 323602	27.92 2.14 0.00	25.21 1.87 0.00	23.58 1.75 0.00	22.48 1.59 0.00	22.29 1.44 0.00	23.08 1.59 0.00	25.56 1.81 0.00	28.41 2.06 0.00	32.02 2.34 0.00	34.87 2.49 0.00	36.52 2.61 0.00	38.31 2.77 0.00	39.56 3.06 -0.08	44.34 3.47 -0.04	48.52 3.54 -3.82	55.71 4.04 -7.32	68.19 4.71 -15.37	79.50 4.41 -28.68	72.76 4.46 -19.85	54.89 3.21 -7.66	48.89 2.77 -4.81	41.05 2.79 0.00	36.74 2.56 0.00	32.51 2.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.78 0.00 0.00	23.32 -0.02 0.00	21.79 -0.04 0.00	20.83 -0.06 0.00	20.72 -0.13 0.00	21.45 -0.04 0.00	23.81 0.05 0.00	26.41 0.05 0.00	29.71 0.03 0.00	32.41 0.03 0.00	34.01 0.10 0.00	35.68 0.14 0.00	36.56 0.15 0.00	40.99 0.16 0.00	41.28 0.12 0.00	44.48 0.13 0.00	48.78 0.67 0.00	47.06 0.65 0.00	49.18 0.73 0.00	44.46 0.44 0.00	41.60 0.29 0.00	38.45 0.19 0.00	34.25 0.07 0.00	30.47 0.09 0.00
HAMLTNNY_34_KV_TB 80303	25.83 0.05 0.00	23.41 0.07 0.00	21.86 0.02 0.00	20.89 0.00 0.00	20.79 -0.06 0.00	21.53 0.04 0.00	23.88 0.12 0.00	26.49 0.13 0.00	29.83 0.15 0.00	32.51 0.13 0.00	34.11 0.20 0.00	35.83 0.28 0.00	36.67 0.25 0.00	41.12 0.29 0.00	41.76 0.25 -0.36	45.33 0.31 -0.67	50.28 0.87 -1.31	49.91 0.88 -2.61	51.36 1.07 -1.85	45.39 0.66 -0.71	42.26 0.50 -0.45	38.60 0.34 0.00	34.38 0.21 0.00	30.62 0.24 0.00
HAMPSHIRE___PAPER_HYD 323593	24.98 -0.80 0.00	22.55 -0.79 0.00	21.05 -0.79 0.00	20.20 -0.69 0.00	20.16 -0.69 0.00	20.76 -0.73 0.00	22.93 -0.83 0.00	25.17 -1.19 0.00	28.34 -1.34 0.00	30.99 -1.39 0.00	32.35 -1.56 0.00	33.94 -1.60 0.00	34.71 -1.71 0.00	38.99 -1.84 0.00	39.88 -1.28 0.00	42.84 -1.51 0.00	46.33 -1.78 0.00	45.02 -1.39 0.00	47.34 -1.11 0.00	43.58 -0.44 0.00	40.86 -0.45 0.00	37.72 -0.54 0.00	33.43 -0.75 0.00	29.68 -0.70 0.00
HARDSCRABBLE_WT_PWR 323673	25.96 0.18 0.00	23.39 0.05 0.00	21.88 0.04 0.00	20.96 0.06 0.00	20.91 0.06 0.00	21.58 0.09 0.00	24.02 0.26 0.00	26.59 0.24 0.00	29.92 0.24 0.00	32.64 0.26 0.00	34.18 0.27 0.00	35.86 0.32 0.00	36.71 0.29 0.00	41.16 0.33 0.00	41.56 0.41 0.00	44.79 0.44 0.00	48.78 0.67 0.00	47.15 0.74 0.00	49.18 0.73 0.00	44.68 0.66 0.00	41.77 0.46 0.00	38.60 0.34 0.00	34.39 0.21 0.00	30.62 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.72 1.93 0.00	24.98 1.63 0.00	23.36 1.53 0.00	22.27 1.38 0.00	22.10 1.25 0.00	22.89 1.40 0.00	25.40 1.64 0.00	28.25 1.90 0.00	31.85 2.17 0.00	34.71 2.33 0.00	36.32 2.41 0.00	38.03 2.49 0.00	38.45 2.73 0.70	44.01 3.14 -0.03	47.80 3.17 -3.48	53.83 3.68 -5.80	60.66 4.38 -8.18	76.39 4.04 -25.95	70.31 4.02 -17.84	53.76 2.77 -6.97	48.04 2.35 -4.38	40.67 2.41 0.00	36.47 2.29 0.00	32.20 1.82 0.00
HARSNRAD_115KV_TB1 81005	25.40 -0.39 0.00	22.92 -0.42 0.00	21.27 -0.57 0.00	20.31 -0.58 0.00	20.08 -0.77 0.00	20.87 -0.62 0.00	23.43 -0.33 0.00	25.43 -0.92 0.00	28.61 -1.07 0.00	31.25 -1.13 0.00	32.72 -1.19 0.00	34.23 -1.32 0.00	34.70 -1.71 0.00	38.59 -2.25 -0.01	39.00 -2.67 -0.53	42.38 -2.97 -1.00	48.32 -1.73 -1.95	48.70 -1.58 -3.87	50.70 -0.48 -2.74	43.53 -1.54 -1.06	40.49 -1.49 -0.66	36.84 -1.42 0.00	33.22 -0.96 0.00	30.14 -0.24 0.00
HARZA MOOSE___RIVER 24016	26.01 0.23 0.00	23.44 0.09 0.00	21.88 0.04 0.00	20.98 0.08 0.00	20.89 0.04 0.00	21.58 0.09 0.00	24.02 0.26 0.00	27.04 0.69 0.00	30.39 0.71 0.00	33.16 0.78 0.00	34.72 0.81 0.00	36.50 0.96 0.00	37.36 0.95 0.00	41.89 1.06 0.00	41.65 0.49 0.00	44.75 0.40 0.00	48.78 0.67 0.00	47.29 0.88 0.00	49.61 1.16 0.00	45.38 1.36 0.00	42.47 1.16 0.00	39.25 0.99 0.00	34.76 0.58 0.00	30.87 0.49 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	25.58 -0.21 0.00	23.16 -0.19 0.00	21.64 -0.20 0.00	20.68 -0.21 0.00	20.60 -0.25 0.00	21.32 -0.17 0.00	23.64 -0.12 0.00	26.17 -0.18 0.00	29.44 -0.24 0.00	32.12 -0.26 0.00	33.71 -0.20 0.00	35.36 -0.18 0.00	36.23 -0.18 0.00	40.59 -0.24 0.00	40.86 -0.29 0.00	44.04 -0.31 0.00	48.25 0.14 0.00	46.60 0.19 0.00	48.69 0.24 0.00	44.02 0.00 0.00	41.19 -0.12 0.00	38.06 -0.19 0.00	33.94 -0.24 0.00	30.20 -0.18 0.00
HELLGATE_13_KV_LD 55870	28.18 2.40 0.00	25.38 2.03 0.00	23.74 1.90 0.00	22.69 1.80 0.00	22.54 1.69 0.00	23.23 1.74 0.00	25.73 1.97 0.00	29.03 2.66 -0.01	32.68 3.00 -0.01	36.20 3.24 -0.58	37.16 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.74 3.88 -0.04	48.84 3.91 -3.78	56.73 4.52 -7.86	77.06 5.34 -23.62	80.04 4.92 -28.71	72.93 4.70 -19.78	54.44 2.86 -7.56	48.45 2.40 -4.74	41.12 2.87 0.00	37.26 3.08 -0.01	32.88 2.49 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.18 2.40 0.00	25.38 2.03 0.00	23.74 1.90 0.00	22.69 1.80 0.00	22.54 1.69 0.00	23.23 1.74 0.00	25.73 1.97 0.00	29.03 2.66 -0.01	32.68 3.00 -0.01	36.20 3.24 -0.58	37.16 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.74 3.88 -0.04	48.84 3.91 -3.78	56.73 4.52 -7.86	77.06 5.34 -23.62	80.04 4.92 -28.71	72.93 4.70 -19.78	54.44 2.86 -7.56	48.45 2.40 -4.74	41.12 2.87 0.00	37.26 3.08 -0.01	32.88 2.49 0.00
HEMPSTEAD____ 23647	34.59 2.55 -6.26	30.14 2.24 -4.55	25.24 2.12 -1.29	22.90 1.99 -0.02	24.21 1.92 -1.44	23.91 2.00 -0.42	26.06 2.28 -0.02	32.86 2.79 -3.71	34.84 3.14 -2.01	36.04 3.37 -0.29	40.74 3.42 -3.41	43.31 3.52 -4.25	44.33 3.75 -4.16	56.64 4.17 -11.64	52.34 4.04 -7.15	64.77 4.79 -15.63	77.41 5.53 -23.78	80.27 5.15 -28.71	73.31 5.09 -19.78	55.21 3.61 -7.58	49.20 3.14 -4.75	41.55 3.29 0.00	44.20 3.21 -6.81	38.94 2.67 -5.88
HEWLETT__69_KV_BK3 55828	34.93 2.89 -6.26	30.39 2.50 -4.55	25.46 2.34 -1.29	23.10 2.19 -0.02	24.38 2.08 -1.44	24.12 2.21 -0.42	26.32 2.54 -0.02	33.07 3.00 -3.71	35.10 3.41 -2.01	36.27 3.59 -0.29	40.98 3.66 -3.41	43.67 3.87 -4.25	44.73 4.15 -4.16	57.17 4.70 -11.64	53.04 4.73 -7.15	65.30 5.32 -15.63	78.04 6.16 -23.78	80.88 5.76 -28.72	74.00 5.77 -19.78	55.87 4.27 -7.58	49.74 3.68 -4.75	42.04 3.79 0.00	56.02 3.73 -18.12	39.30 3.04 -5.88
HICKLING___1 23621	26.27 0.49 0.00	23.74 0.40 0.00	22.07 0.24 0.00	21.04 0.15 0.00	20.87 0.02 0.00	21.77 0.28 0.00	24.28 0.52 0.00	26.78 0.42 0.00	30.15 0.47 0.00	32.90 0.52 0.00	34.55 0.64 0.00	36.15 0.60 0.00	36.93 0.51 0.00	41.29 0.45 -0.01	42.46 0.37 -0.93	46.51 0.40 -1.76	53.23 1.68 -3.44	54.89 1.62 -6.85	55.42 2.13 -4.84	47.21 1.32 -1.87	43.52 1.03 -1.17	39.10 0.84 0.00	34.90 0.72 0.00	31.32 0.94 0.00
HICKLING___2 23622	26.27 0.49 0.00	23.74 0.40 0.00	22.07 0.24 0.00	21.04 0.15 0.00	20.87 0.02 0.00	21.77 0.28 0.00	24.28 0.52 0.00	26.78 0.42 0.00	30.15 0.47 0.00	32.90 0.52 0.00	34.55 0.64 0.00	36.15 0.60 0.00	36.93 0.51 0.00	41.29 0.45 -0.01	42.46 0.37 -0.93	46.51 0.40 -1.76	53.23 1.68 -3.44	54.89 1.62 -6.85	55.42 2.13 -4.84	47.21 1.32 -1.87	43.52 1.03 -1.17	39.10 0.84 0.00	34.90 0.72 0.00	31.32 0.94 0.00
HIGH FALLS___HY 23754	27.87 2.09 0.00	25.00 1.66 0.00	23.38 1.55 0.00	22.29 1.40 0.00	22.10 1.25 0.00	22.89 1.40 0.00	25.42 1.66 0.00	28.20 1.84 0.00	31.79 2.11 0.00	34.58 2.20 0.00	36.22 2.31 0.00	37.92 2.38 0.00	39.26 2.84 0.00	44.05 3.18 -0.04	48.52 3.25 -4.12	55.95 3.81 -7.78	68.14 4.62 -15.42	79.73 4.36 -28.96	73.65 4.51 -20.70	55.39 3.13 -8.25	49.14 2.64 -5.18	41.01 2.75 0.00	36.57 2.39 0.00	32.27 1.88 0.00
HILLBURN___GT 23639	27.72 1.93 0.00	24.95 1.61 0.00	23.34 1.51 0.00	22.27 1.38 0.00	22.16 1.31 0.00	22.89 1.40 0.00	25.45 1.69 0.00	28.39 2.03 0.00	32.00 2.32 0.00	34.88 2.49 0.00	36.45 2.54 0.00	38.17 2.63 0.00	38.44 2.84 0.82	44.09 3.22 -0.03	47.82 3.13 -3.54	53.90 3.77 -5.78	59.94 4.42 -7.41	76.83 4.04 -26.39	70.60 4.02 -18.13	53.80 2.69 -7.10	48.04 2.27 -4.46	40.59 2.33 0.00	36.40 2.22 0.00	32.17 1.79 0.00
HILLSIDE_115KV_TB1 80332	25.83 0.05 0.00	23.30 -0.05 0.00	21.66 -0.17 0.00	20.66 -0.23 0.00	20.49 -0.35 0.00	21.36 -0.13 0.00	23.85 0.10 0.00	26.25 -0.11 0.00	29.56 -0.12 0.00	32.25 -0.13 0.00	33.84 -0.07 0.00	35.40 -0.14 0.00	36.16 -0.25 0.00	40.43 -0.41 -0.01	41.63 -0.49 -0.97	45.65 -0.53 -1.83	52.11 0.43 -3.57	53.94 0.42 -7.11	54.35 0.87 -5.03	46.13 0.18 -1.94	42.57 0.04 -1.22	38.22 -0.04 0.00	34.18 0.00 0.00	30.62 0.24 0.00
HISHELDN_WT_PWR 323625	25.58 -0.21 0.00	23.07 -0.28 0.00	21.37 -0.46 0.00	20.39 -0.50 0.00	20.24 -0.61 0.00	21.06 -0.43 0.00	23.59 -0.17 0.00	25.78 -0.58 0.00	29.03 -0.65 0.00	31.67 -0.71 0.00	33.10 -0.81 0.00	34.65 -0.89 0.00	35.22 -1.20 0.00	39.16 -1.68 -0.01	40.23 -1.56 -0.64	43.52 -2.04 -1.21	49.65 -0.82 -2.37	50.42 -0.69 -4.71	52.02 0.24 -3.33	44.42 -0.88 -1.28	41.33 -0.79 -0.81	37.49 -0.76 0.00	33.87 -0.31 0.00	30.56 0.18 0.00
HOLTSVILLE_IC_1 23690	34.88 2.84 -6.26	30.42 2.52 -4.55	25.52 2.40 -1.29	23.17 2.26 -0.02	24.48 2.19 -1.44	24.21 2.30 -0.42	26.39 2.61 -0.02	33.23 3.16 -3.71	35.25 3.56 -2.01	36.52 3.85 -0.29	43.15 3.70 -5.54	46.08 3.73 -6.81	56.01 3.93 -15.66	56.77 4.29 -11.65	112.47 4.11 -67.20	124.77 4.88 -75.54	184.93 5.67 -131.15	232.76 5.29 -181.06	200.13 5.28 -146.40	123.96 3.79 -76.15	109.43 3.26 -64.86	50.23 3.44 -8.53	43.49 3.55 -5.76	39.24 2.95 -5.91
HOLTSVILLE_IC_10 23699	35.05 3.02 -6.26	30.63 2.73 -4.55	25.70 2.58 -1.29	23.33 2.42 -0.02	24.65 2.36 -1.44	24.38 2.47 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.49 3.80 -2.01	36.82 4.15 -0.29	43.59 4.00 -5.68	46.64 4.12 -6.97	57.09 4.30 -16.38	57.22 4.73 -11.65	116.81 4.57 -71.09	129.17 5.41 -79.41	192.45 6.25 -138.09	257.27 5.85 -205.01	214.88 5.81 -160.62	128.87 4.27 -80.59	113.73 3.68 -68.74	51.20 3.86 -9.08	44.11 3.90 -6.04	39.48 3.19 -5.91
HOLTSVILLE_IC_2 23691	34.88 2.84 -6.26	30.42 2.52 -4.55	25.52 2.40 -1.29	23.17 2.26 -0.02	24.48 2.19 -1.44	24.21 2.30 -0.42	26.39 2.61 -0.02	33.23 3.16 -3.71	35.25 3.56 -2.01	36.52 3.85 -0.29	43.15 3.70 -5.54	46.08 3.73 -6.81	56.01 3.93 -15.66	56.77 4.29 -11.65	112.47 4.11 -67.20	124.77 4.88 -75.54	184.93 5.67 -131.15	232.76 5.29 -181.06	200.13 5.28 -146.40	123.96 3.79 -76.15	109.43 3.26 -64.86	50.23 3.44 -8.53	43.49 3.55 -5.76	39.24 2.95 -5.91
HOLTSVILLE_IC_3 23692	34.88 2.84 -6.26	30.42 2.52 -4.55	25.52 2.40 -1.29	23.17 2.26 -0.02	24.48 2.19 -1.44	24.21 2.30 -0.42	26.39 2.61 -0.02	33.23 3.16 -3.71	35.25 3.56 -2.01	36.52 3.85 -0.29	43.15 3.70 -5.54	46.08 3.73 -6.81	56.01 3.93 -15.66	56.77 4.29 -11.65	112.47 4.11 -67.20	124.77 4.88 -75.54	184.93 5.67 -131.15	232.76 5.29 -181.06	200.13 5.28 -146.40	123.96 3.79 -76.15	109.43 3.26 -64.86	50.23 3.44 -8.53	43.49 3.55 -5.76	39.24 2.95 -5.91

HOLTSVILLE_IC_4 23693	34.88 2.84 -6.26	30.42 2.52 -4.55	25.52 2.40 -1.29	23.17 2.26 -0.02	24.48 2.19 -1.44	24.21 2.30 -0.42	26.39 2.61 -0.02	33.23 3.16 -3.71	35.25 3.56 -2.01	36.52 3.85 -0.29	43.15 3.70 -5.54	46.08 3.73 -6.81	56.01 3.93 -15.66	56.77 4.29 -11.65	112.47 4.11 -67.20	124.77 4.88 -75.54	184.93 5.67 -131.15	232.76 5.29 -181.06	200.13 5.28 -146.40	123.96 3.79 -76.15	109.43 3.26 -64.86	50.23 3.44 -8.53	43.49 3.55 -5.76	39.24 2.95 -5.91
HOLTSVILLE_IC_5 23694	34.88 2.84 -6.26	30.42 2.52 -4.55	25.52 2.40 -1.29	23.17 2.26 -0.02	24.48 2.19 -1.44	24.21 2.30 -0.42	26.39 2.61 -0.02	33.23 3.16 -3.71	35.25 3.56 -2.01	36.52 3.85 -0.29	43.15 3.70 -5.54	46.08 3.73 -6.81	56.01 3.93 -15.66	56.77 4.29 -11.65	112.47 4.11 -67.20	124.77 4.88 -75.54	184.93 5.67 -131.15	232.76 5.29 -181.06	200.13 5.28 -146.40	123.96 3.79 -76.15	109.43 3.26 -64.86	50.23 3.44 -8.53	43.49 3.55 -5.76	39.24 2.95 -5.91
HOLTSVILLE_IC_6 23695	35.05 3.02 -6.26	30.63 2.73 -4.55	25.70 2.58 -1.29	23.33 2.42 -0.02	24.65 2.36 -1.44	24.38 2.47 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.49 3.80 -2.01	36.82 4.15 -0.29	43.59 4.00 -5.68	46.64 4.12 -6.97	57.09 4.30 -16.38	57.22 4.73 -11.65	116.81 4.57 -71.09	129.17 5.41 -79.41	192.45 6.25 -138.09	257.27 5.85 -205.01	214.88 5.81 -160.62	128.87 4.27 -80.59	113.73 3.68 -68.74	51.20 3.86 -9.08	44.11 3.90 -6.04	39.48 3.19 -5.91
HOLTSVILLE_IC_7 23696	35.05 3.02 -6.26	30.63 2.73 -4.55	25.70 2.58 -1.29	23.33 2.42 -0.02	24.65 2.36 -1.44	24.38 2.47 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.49 3.80 -2.01	36.82 4.15 -0.29	43.59 4.00 -5.68	46.64 4.12 -6.97	57.09 4.30 -16.38	57.22 4.73 -11.65	116.81 4.57 -71.09	129.17 5.41 -79.41	192.45 6.25 -138.09	257.27 5.85 -205.01	214.88 5.81 -160.62	128.87 4.27 -80.59	113.73 3.68 -68.74	51.20 3.86 -9.08	44.11 3.90 -6.04	39.48 3.19 -5.91
HOLTSVILLE_IC_8 23697	35.05 3.02 -6.26	30.63 2.73 -4.55	25.70 2.58 -1.29	23.33 2.42 -0.02	24.65 2.36 -1.44	24.38 2.47 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.49 3.80 -2.01	36.82 4.15 -0.29	43.59 4.00 -5.68	46.64 4.12 -6.97	57.09 4.30 -16.38	57.22 4.73 -11.65	116.81 4.57 -71.09	129.17 5.41 -79.41	192.45 6.25 -138.09	257.27 5.85 -205.01	214.88 5.81 -160.62	128.87 4.27 -80.59	113.73 3.68 -68.74	51.20 3.86 -9.08	44.11 3.90 -6.04	39.48 3.19 -5.91
HOLTSVILLE_IC_9 23698	35.05 3.02 -6.26	30.63 2.73 -4.55	25.70 2.58 -1.29	23.33 2.42 -0.02	24.65 2.36 -1.44	24.38 2.47 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.49 3.80 -2.01	36.82 4.15 -0.29	43.59 4.00 -5.68	46.64 4.12 -6.97	57.09 4.30 -16.38	57.22 4.73 -11.65	116.81 4.57 -71.09	129.17 5.41 -79.41	192.45 6.25 -138.09	257.27 5.85 -205.01	214.88 5.81 -160.62	128.87 4.27 -80.59	113.73 3.68 -68.74	51.20 3.86 -9.08	44.11 3.90 -6.04	39.48 3.19 -5.91
HOMER_HL_115KV_TB2 355744	25.60 -0.18 0.00	23.09 -0.26 0.00	21.38 -0.46 0.00	20.31 -0.58 0.00	20.10 -0.75 0.00	21.08 -0.41 0.00	23.64 -0.12 0.00	25.72 -0.63 0.00	29.00 -0.68 0.00	31.70 -0.68 0.00	33.23 -0.68 0.00	34.72 -0.82 0.00	35.25 -1.17 0.00	38.96 -1.88 -0.01	39.74 -2.10 -0.68	43.33 -2.31 -1.29	49.42 -1.20 -2.52	50.21 -1.21 -5.01	51.51 -0.48 -3.54	43.98 -1.41 -1.37	40.77 -1.40 -0.86	36.95 -1.30 0.00	33.53 -0.65 0.00	30.35 -0.03 0.00
HOWARD_WT_PWR 323690	26.27 0.49 0.00	23.67 0.33 0.00	21.94 0.11 0.00	20.91 0.02 0.00	20.79 -0.06 0.00	21.66 0.17 0.00	24.28 0.52 0.00	26.73 0.37 0.00	30.04 0.36 0.00	32.74 0.36 0.00	34.15 0.24 0.00	35.76 0.21 0.00	36.45 0.04 0.00	40.63 -0.20 -0.01	41.84 -0.08 -0.77	45.53 -0.26 -1.45	52.08 1.15 -2.83	53.24 1.20 -5.62	54.41 1.99 -3.97	46.61 1.05 -1.53	43.18 0.91 -0.96	38.98 0.73 0.00	34.97 0.79 0.00	31.44 1.06 0.00
HQ_GEN_CEDARS 23644	25.27 -0.52 0.00	22.83 -0.51 0.00	21.31 -0.52 0.00	20.43 -0.46 0.00	20.49 -0.35 0.00	21.00 -0.49 0.00	23.14 -0.62 0.00	25.70 -0.66 0.00	29.00 -0.68 0.00	31.73 -0.65 0.00	33.20 -0.71 0.00	34.76 -0.78 0.00	35.58 -0.84 0.00	39.93 -0.90 0.00	40.29 -0.86 0.00	43.38 -0.98 0.00	46.57 -1.54 0.00	45.11 -1.30 0.00	47.00 -1.45 0.00	43.23 -0.79 0.00	40.73 -0.58 0.00	37.60 -0.65 0.00	33.53 -0.65 0.00	29.80 -0.58 0.00
HQ_GEN_CEDARS_PROXY 323590	25.27 -0.52 0.00	22.83 -0.51 0.00	21.31 -0.52 0.00	20.41 -0.48 0.00	20.45 -0.40 0.00	21.00 -0.49 0.00	23.14 -0.62 0.00	25.67 -0.69 0.00	29.00 -0.68 0.00	31.73 -0.65 0.00	33.20 -0.71 0.00	34.76 -0.78 0.00	35.58 -0.84 0.00	39.97 -0.86 0.00	40.29 -0.87 0.00	43.38 -0.98 0.00	46.61 -1.49 0.00	45.11 -1.30 0.00	45.10 -1.41 1.95	45.22 -0.75 -1.95	40.73 -0.58 0.00	38.54 -0.65 -0.93	32.60 -0.65 0.93	29.80 -0.58 0.00
HQ_GEN_IMPORT 323601	25.40 -0.39 0.00	22.99 -0.35 0.00	21.51 -0.33 0.00	20.60 -0.29 0.00	20.60 -0.25 0.00	21.17 -0.32 0.00	23.38 -0.38 0.00	25.96 -0.39 0.00	29.26 -0.42 0.00	31.96 -0.42 0.00	33.47 -0.44 0.00	35.04 -0.50 0.00	35.91 -0.51 0.00	40.26 -0.57 0.00	40.58 -0.58 0.00	45.34 -0.62 -1.61	45.39 -1.10 1.61	45.39 -1.02 0.00	45.39 -1.11 1.95	45.35 -0.62 -1.95	40.82 -0.49 0.00	38.69 -0.50 -0.93	32.80 -0.45 0.93	29.96 -0.43 0.00
HQ_GEN_WHEEL 23651	25.40 -0.39 0.00	22.99 -0.35 0.00	21.51 -0.33 0.00	20.60 -0.29 0.00	20.60 -0.25 0.00	21.17 -0.32 0.00	23.38 -0.38 0.00	25.96 -0.39 0.00	29.26 -0.42 0.00	31.96 -0.42 0.00	33.47 -0.44 0.00	35.04 -0.50 0.00	35.91 -0.51 0.00	40.26 -0.57 0.00	40.58 -0.58 0.00	45.34 -0.62 -1.61	45.39 -1.10 1.61	45.39 -1.02 0.00	45.39 -1.11 1.95	45.35 -0.62 -1.95	40.82 -0.49 0.00	38.69 -0.50 -0.93	32.80 -0.45 0.93	29.96 -0.43 0.00
HUDSON_AVE_GT_3 23810	28.13 2.35 0.00	25.33 1.98 0.00	23.69 1.86 0.00	22.65 1.75 0.00	22.50 1.65 0.00	23.23 1.74 0.00	25.80 2.04 0.00	28.97 2.61 0.00	32.65 2.97 0.00	35.59 3.21 0.00	37.13 3.22 0.00	38.85 3.31 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.96 4.03 -3.78	56.86 4.66 -7.85	77.20 5.48 -23.62	80.18 5.06 -28.71	73.26 5.04 -19.77	54.80 3.21 -7.56	48.83 2.77 -4.75	41.16 2.91 0.00	37.22 3.04 0.00	32.81 2.43 0.00
HUDSON_AVE_GT_4 23540	28.13 2.35 0.00	25.33 1.98 0.00	23.69 1.86 0.00	22.65 1.75 0.00	22.50 1.65 0.00	23.23 1.74 0.00	25.80 2.04 0.00	28.97 2.61 0.00	32.65 2.97 0.00	35.59 3.21 0.00	37.13 3.22 0.00	38.85 3.31 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.96 4.03 -3.78	56.86 4.66 -7.85	77.20 5.48 -23.62	80.18 5.06 -28.71	73.26 5.04 -19.77	54.80 3.21 -7.56	48.83 2.77 -4.75	41.16 2.91 0.00	37.22 3.04 0.00	32.81 2.43 0.00
HUDSON_AVE_GT_5 23657	28.13 2.35 0.00	25.33 1.98 0.00	23.69 1.86 0.00	22.65 1.75 0.00	22.50 1.65 0.00	23.23 1.74 0.00	25.80 2.04 0.00	28.97 2.61 0.00	32.65 2.97 0.00	35.59 3.21 0.00	37.13 3.22 0.00	38.85 3.31 0.00	40.63 3.57 -0.64	44.83 3.96 -0.04	48.96 4.03 -3.78	56.86 4.66 -7.85	77.20 5.48 -23.62	80.18 5.06 -28.71	73.26 5.04 -19.77	54.80 3.21 -7.56	48.83 2.77 -4.75	41.16 2.91 0.00	37.22 3.04 0.00	32.81 2.43 0.00

HUDSON_AVE_10 24168	28.08 2.29 0.00	25.28 1.94 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.43 1.58 0.00	23.17 1.68 0.00	25.73 1.97 0.00	28.94 2.58 0.00	32.59 2.91 0.00	35.52 3.14 0.00	37.03 3.12 0.00	38.71 3.16 0.00	40.48 3.42 -0.64	44.70 3.84 -0.04	48.84 3.91 -3.78	56.73 4.52 -7.85	77.06 5.34 -23.62	80.04 4.92 -28.71	73.12 4.89 -19.77	54.66 3.08 -7.56	48.71 2.64 -4.75	41.05 2.79 0.00	37.19 3.01 0.00	32.72 2.34 0.00
HUDSON___115KV_TB 4 355613	27.33 1.55 0.00	24.79 1.45 0.00	23.21 1.38 0.00	22.13 1.23 0.00	22.00 1.15 0.00	22.78 1.29 0.00	25.14 1.38 0.00	27.81 1.45 0.00	31.31 1.63 0.00	34.03 1.65 0.00	35.37 1.46 0.00	37.14 1.60 0.00	38.12 1.57 -0.14	42.53 1.63 -0.07	50.01 1.60 -7.26	59.99 1.77 -13.87	77.49 2.07 -27.32	95.86 2.00 -47.46	86.11 2.18 -35.48	60.44 1.89 -14.53	52.17 1.74 -9.13	40.01 1.76 0.00	36.03 1.85 0.00	31.99 1.61 0.00
HUNTER MOUNT___DRP 323613	27.48 1.70 0.00	24.95 1.61 0.00	23.34 1.51 0.00	22.23 1.34 0.00	22.08 1.23 0.00	22.89 1.40 0.00	25.23 1.47 0.00	27.81 1.45 0.00	31.28 1.60 0.00	33.97 1.59 0.00	35.44 1.53 0.00	37.25 1.71 0.00	38.25 1.71 -0.12	42.57 1.67 -0.06	49.33 1.60 -6.57	58.68 1.77 -12.56	75.00 2.07 -24.83	88.80 2.04 -40.34	81.66 2.23 -30.98	59.25 2.07 -13.17	51.48 1.90 -8.27	40.24 1.99 0.00	36.26 2.08 0.00	32.23 1.85 0.00
HUNTINGTON_RES_REC 323705	34.93 2.89 -6.26	30.49 2.59 -4.55	25.55 2.42 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.23 2.32 -0.42	26.39 2.61 -0.02	33.23 3.16 -3.71	35.25 3.56 -2.01	36.49 3.82 -0.29	40.86 3.53 -3.43	47.84 3.77 -8.53	44.60 3.90 -4.28	56.84 4.33 -11.68	203.58 4.20 -158.22	215.66 4.97 -166.35	347.76 5.77 -293.88	598.66 5.38 -546.86	449.83 5.33 -396.05	227.94 3.83 -180.09	200.53 3.26 -155.96	63.12 3.40 -21.46	45.74 3.52 -8.04	39.11 2.86 -5.88
HUNTLEY___63 23557	25.53 -0.26 0.00	23.04 -0.30 0.00	21.35 -0.48 0.00	20.37 -0.52 0.00	20.14 -0.71 0.00	21.04 -0.45 0.00	23.57 -0.19 0.00	25.62 -0.74 0.00	28.85 -0.83 0.00	31.54 -0.84 0.00	33.03 -0.88 0.00	34.55 -1.00 0.00	35.03 -1.38 0.00	38.83 -2.00 -0.01	39.28 -2.43 -0.55	42.73 -2.66 -1.04	48.69 -1.44 -2.03	49.06 -1.39 -4.04	51.02 -0.29 -2.86	43.80 -1.32 -1.10	40.68 -1.32 -0.69	37.03 -1.22 0.00	33.50 -0.68 0.00	30.35 -0.03 0.00
HUNTLEY___64 23558	25.53 -0.26 0.00	23.04 -0.30 0.00	21.35 -0.48 0.00	20.37 -0.52 0.00	20.14 -0.71 0.00	21.04 -0.45 0.00	23.57 -0.19 0.00	25.62 -0.74 0.00	28.85 -0.83 0.00	31.54 -0.84 0.00	33.03 -0.88 0.00	34.55 -1.00 0.00	35.03 -1.38 0.00	38.83 -2.00 -0.01	39.28 -2.43 -0.55	42.73 -2.66 -1.04	48.69 -1.44 -2.03	49.06 -1.39 -4.04	51.02 -0.29 -2.86	43.80 -1.32 -1.10	40.68 -1.32 -0.69	37.03 -1.22 0.00	33.50 -0.68 0.00	30.35 -0.03 0.00
HUNTLEY___65 23559	25.53 -0.26 0.00	23.04 -0.30 0.00	21.35 -0.48 0.00	20.37 -0.52 0.00	20.14 -0.71 0.00	21.04 -0.45 0.00	23.57 -0.19 0.00	25.62 -0.74 0.00	28.85 -0.83 0.00	31.54 -0.84 0.00	33.03 -0.88 0.00	34.55 -1.00 0.00	35.03 -1.38 0.00	38.83 -2.00 -0.01	39.28 -2.43 -0.55	42.73 -2.66 -1.04	48.69 -1.44 -2.03	49.06 -1.39 -4.04	51.02 -0.29 -2.86	43.80 -1.32 -1.10	40.68 -1.32 -0.69	37.03 -1.22 0.00	33.50 -0.68 0.00	30.35 -0.03 0.00
HUNTLEY___66 23560	25.53 -0.26 0.00	23.04 -0.30 0.00	21.35 -0.48 0.00	20.37 -0.52 0.00	20.14 -0.71 0.00	21.04 -0.45 0.00	23.57 -0.19 0.00	25.62 -0.74 0.00	28.85 -0.83 0.00	31.54 -0.84 0.00	33.03 -0.88 0.00	34.55 -1.00 0.00	35.03 -1.38 0.00	38.83 -2.00 -0.01	39.28 -2.43 -0.55	42.73 -2.66 -1.04	48.69 -1.44 -2.03	49.06 -1.39 -4.04	51.02 -0.29 -2.86	43.80 -1.32 -1.10	40.68 -1.32 -0.69	37.03 -1.22 0.00	33.50 -0.68 0.00	30.35 -0.03 0.00
HUNTLEY___67 23561	25.34 -0.44 0.00	22.88 -0.47 0.00	21.22 -0.61 0.00	20.24 -0.65 0.00	20.04 -0.81 0.00	20.89 -0.60 0.00	23.43 -0.33 0.00	25.46 -0.90 0.00	28.67 -1.01 0.00	31.28 -1.10 0.00	32.79 -1.12 0.00	34.26 -1.28 0.00	34.78 -1.64 0.00	38.67 -2.16 -0.01	39.16 -2.55 -0.56	42.62 -2.79 -1.07	48.60 -1.59 -2.08	49.07 -1.49 -4.14	50.94 -0.44 -2.92	43.69 -1.45 -1.13	40.58 -1.45 -0.71	36.88 -1.38 0.00	33.22 -0.96 0.00	30.14 -0.24 0.00
HUNTLEY___68 23562	25.34 -0.44 0.00	22.88 -0.47 0.00	21.22 -0.61 0.00	20.24 -0.65 0.00	20.04 -0.81 0.00	20.89 -0.60 0.00	23.43 -0.33 0.00	25.46 -0.90 0.00	28.67 -1.01 0.00	31.28 -1.10 0.00	32.79 -1.12 0.00	34.26 -1.28 0.00	34.78 -1.64 0.00	38.67 -2.16 -0.01	39.16 -2.55 -0.56	42.62 -2.79 -1.07	48.60 -1.59 -2.08	49.07 -1.49 -4.14	50.94 -0.44 -2.92	43.69 -1.45 -1.13	40.58 -1.45 -0.71	36.88 -1.38 0.00	33.22 -0.96 0.00	30.14 -0.24 0.00
HYLAND___LFGE 323620	26.92 1.13 0.00	24.37 1.03 0.00	22.60 0.76 0.00	21.56 0.67 0.00	21.41 0.56 0.00	22.33 0.84 0.00	24.92 1.16 0.00	27.12 0.76 0.00	29.98 0.30 0.00	32.45 0.06 0.00	32.21 -1.69 0.00	33.52 -2.02 0.00	34.12 -2.29 0.00	38.18 -2.65 -0.01	39.71 -2.06 -0.62	43.12 -2.40 -1.16	49.27 -1.10 -2.27	50.75 -0.18 -4.52	53.44 1.79 -3.20	46.39 1.14 -1.23	43.45 1.36 -0.78	39.29 1.03 0.00	35.14 0.96 0.00	32.33 1.95 0.00
INDECK___CORINTH 23802	26.99 1.21 0.00	24.56 1.21 0.00	22.97 1.13 0.00	21.92 1.02 0.00	21.87 1.02 0.00	22.63 1.14 0.00	24.99 1.23 0.00	27.81 1.45 0.00	31.31 1.63 0.00	34.13 1.75 0.00	35.81 1.90 0.00	37.64 2.10 0.00	38.83 2.26 -0.15	43.89 2.94 -0.11	56.29 2.96 -12.18	70.73 3.20 -23.18	97.18 3.75 -45.32	138.57 3.67 -88.49	115.51 3.88 -63.18	71.84 3.44 -24.39	59.81 3.18 -15.32	41.09 2.83 0.00	36.33 2.15 0.00	32.27 1.88 0.00
INDECK___ILION 23567	25.96 0.18 0.00	23.44 0.09 0.00	21.92 0.09 0.00	20.98 0.08 0.00	20.91 0.06 0.00	21.60 0.11 0.00	23.95 0.19 0.00	26.52 0.16 0.00	29.86 0.18 0.00	32.58 0.19 0.00	34.11 0.20 0.00	35.76 0.21 0.00	36.63 0.22 0.00	41.08 0.24 0.00	41.48 0.33 0.00	44.71 0.35 0.00	48.63 0.53 0.00	46.97 0.56 0.00	49.03 0.58 0.00	44.50 0.48 0.00	41.73 0.41 0.00	38.60 0.34 0.00	34.42 0.24 0.00	30.59 0.21 0.00
INDECK___OLEAN 23982	25.63 -0.15 0.00	23.09 -0.26 0.00	21.37 -0.46 0.00	20.31 -0.58 0.00	20.18 -0.67 0.00	21.08 -0.41 0.00	23.64 -0.12 0.00	25.75 -0.61 0.00	29.00 -0.68 0.00	31.70 -0.68 0.00	33.16 -0.75 0.00	34.76 -0.78 0.00	35.25 -1.17 0.00	38.88 -1.96 -0.01	39.98 -1.85 -0.68	43.33 -2.31 -1.29	49.37 -1.25 -2.52	50.21 -1.21 -5.01	51.51 -0.48 -3.54	43.89 -1.50 -1.37	40.77 -1.40 -0.86	36.92 -1.34 0.00	33.63 -0.55 0.00	30.35 -0.03 0.00
INDECK___OSWEGO 23783	25.24 -0.54 0.00	22.83 -0.51 0.00	21.35 -0.48 0.00	20.43 -0.46 0.00	20.37 -0.48 0.00	21.04 -0.45 0.00	23.31 -0.45 0.00	25.86 -0.50 0.00	29.09 -0.59 0.00	31.73 -0.65 0.00	32.96 -0.95 0.00	34.58 -0.96 0.00	35.43 -0.98 0.00	39.69 -1.14 0.00	40.00 -1.15 0.00	43.06 -1.29 0.00	47.05 -1.06 0.00	45.43 -0.98 0.00	47.48 -0.97 0.00	43.01 -1.01 0.00	40.28 -1.03 0.00	37.30 -0.95 0.00	33.29 -0.89 0.00	29.84 -0.55 0.00

INDECK___YERKES 23781	25.58 -0.21 0.00	23.07 -0.28 0.00	21.37 -0.46 0.00	20.39 -0.50 0.00	20.27 -0.58 0.00	21.06 -0.43 0.00	23.59 -0.17 0.00	25.67 -0.69 0.00	28.88 -0.80 0.00	31.57 -0.81 0.00	33.00 -0.91 0.00	34.58 -0.96 0.00	35.07 -1.35 0.00	38.75 -2.08 -0.01	39.69 -2.02 -0.55	42.69 -2.71 -1.04	48.64 -1.49 -2.03	49.06 -1.39 -4.04	50.97 -0.34 -2.86	43.62 -1.50 -1.10	40.68 -1.32 -0.69	37.03 -1.23 0.00	33.73 -0.45 0.00	30.47 0.09 0.00
INDIAN POINT_GT_1 24139	27.72 1.93 0.00	25.05 1.70 0.00	23.43 1.59 0.00	22.38 1.48 0.00	22.20 1.36 0.00	22.99 1.50 0.00	25.47 1.71 0.00	28.47 2.11 0.00	32.05 2.37 0.00	34.97 2.59 0.00	36.55 2.64 0.00	38.28 2.74 0.00	40.10 2.95 -0.73	44.21 3.35 -0.03	48.29 3.42 -3.73	56.12 3.90 -7.86	74.20 4.52 -21.58	78.94 4.18 -28.35	72.16 4.17 -19.54	54.30 2.82 -7.46	48.40 2.40 -4.69	40.70 2.45 0.00	36.57 2.39 0.00	32.33 1.94 0.00
INDIAN POINT_GT_2 23659	27.72 1.93 0.00	25.05 1.70 0.00	23.43 1.59 0.00	22.38 1.48 0.00	22.20 1.36 0.00	22.99 1.50 0.00	25.47 1.71 0.00	28.47 2.11 0.00	32.05 2.37 0.00	34.97 2.59 0.00	36.55 2.64 0.00	38.28 2.74 0.00	40.10 2.95 -0.73	44.21 3.35 -0.03	48.29 3.42 -3.73	56.12 3.90 -7.86	74.20 4.52 -21.58	78.94 4.18 -28.35	72.16 4.17 -19.54	54.30 2.82 -7.46	48.40 2.40 -4.69	40.70 2.45 0.00	36.57 2.39 0.00	32.33 1.94 0.00
INDIAN POINT_GT_3 24019	27.72 1.93 0.00	25.05 1.70 0.00	23.43 1.59 0.00	22.38 1.48 0.00	22.20 1.36 0.00	22.99 1.50 0.00	25.47 1.71 0.00	28.47 2.11 0.00	32.05 2.37 0.00	34.97 2.59 0.00	36.55 2.64 0.00	38.28 2.74 0.00	40.10 2.95 -0.73	44.21 3.35 -0.03	48.29 3.42 -3.73	56.12 3.90 -7.86	74.20 4.52 -21.58	78.94 4.18 -28.35	72.16 4.17 -19.54	54.30 2.82 -7.46	48.40 2.40 -4.69	40.70 2.45 0.00	36.57 2.39 0.00	32.33 1.94 0.00
INDIAN POINT___2 23530	27.69 1.91 0.00	25.03 1.68 0.00	23.41 1.57 0.00	22.35 1.46 0.00	22.25 1.40 0.00	22.97 1.48 0.00	25.45 1.69 0.00	28.44 2.08 0.00	32.02 2.34 0.00	34.91 2.53 0.00	36.49 2.58 0.00	38.17 2.63 0.00	39.81 2.84 -0.55	44.09 3.22 -0.03	47.94 3.13 -3.66	55.65 3.77 -7.53	66.49 4.38 -14.01	78.21 4.04 -27.77	71.61 4.02 -19.14	53.99 2.64 -7.33	48.19 2.27 -4.60	40.59 2.33 0.00	36.43 2.26 0.00	32.23 1.85 0.00
INDIAN POINT___3 23531	27.67 1.88 0.00	25.02 1.68 0.00	23.41 1.57 0.00	22.35 1.46 0.00	22.20 1.36 0.00	22.97 1.48 0.00	25.45 1.69 0.00	28.41 2.06 0.00	31.99 2.31 0.00	34.87 2.49 0.00	36.45 2.54 0.00	38.17 2.63 0.00	40.22 2.84 -0.96	44.05 3.18 -0.03	48.13 3.25 -3.73	56.15 3.68 -8.12	83.12 4.33 -30.68	78.81 3.94 -28.45	72.05 3.97 -19.62	54.13 2.64 -7.47	48.23 2.23 -4.69	40.59 2.33 0.00	36.47 2.29 0.00	32.23 1.85 0.00
INGHAM_C_115KV_TB7 356103	25.96 0.18 0.00	23.39 0.05 0.00	21.88 0.04 0.00	20.96 0.06 0.00	20.89 0.04 0.00	21.58 0.09 0.00	24.02 0.26 0.00	26.57 0.21 0.00	29.89 0.21 0.00	32.61 0.23 0.00	34.15 0.24 0.00	35.83 0.28 0.00	36.67 0.25 0.00	41.16 0.33 0.00	41.52 0.37 0.00	44.75 0.40 0.00	48.73 0.63 0.00	47.11 0.70 0.00	49.18 0.73 0.00	44.63 0.62 0.00	41.77 0.45 0.00	38.60 0.34 0.00	34.38 0.21 0.00	30.62 0.24 0.00
IP CORINTH___1 23988	27.15 1.37 0.00	24.67 1.33 0.00	23.10 1.27 0.00	22.02 1.13 0.00	21.93 1.08 0.00	22.74 1.25 0.00	25.14 1.38 0.00	27.94 1.58 0.00	31.46 1.78 0.00	34.32 1.94 0.00	35.98 2.07 0.00	37.85 2.31 0.00	39.01 2.44 -0.15	44.09 3.14 -0.11	56.54 3.21 -12.18	70.99 3.46 -23.18	97.47 4.04 -45.32	138.85 3.94 -88.49	115.80 4.17 -63.18	72.10 3.70 -24.39	60.06 3.43 -15.32	41.32 3.06 0.00	36.54 2.36 0.00	32.45 2.07 0.00
IP___TICONDEROGA 23804	28.75 2.97 0.00	26.03 2.68 0.00	24.32 2.49 0.00	23.19 2.30 0.00	23.10 2.25 0.00	23.98 2.49 0.00	26.75 2.99 0.00	29.86 3.51 0.00	33.63 3.95 0.00	36.69 4.31 0.00	38.49 4.58 0.00	40.55 5.01 0.00	41.74 5.17 -0.15	47.56 6.61 -0.11	59.96 6.71 -12.10	74.67 7.27 -23.05	101.47 8.32 -45.04	142.56 8.21 -87.94	120.02 8.77 -62.80	76.18 7.92 -24.24	63.93 7.39 -15.22	44.84 6.58 0.00	39.37 5.20 0.00	34.94 4.56 0.00
ISLIP_RES_REC 323679	35.24 3.20 -6.26	30.77 2.87 -4.55	25.83 2.71 -1.29	23.44 2.53 -0.02	24.77 2.48 -1.44	24.51 2.60 -0.42	26.70 2.92 -0.02	33.60 3.53 -3.71	35.73 4.04 -2.01	37.08 4.40 -0.29	44.23 4.34 -5.98	46.96 4.48 -6.94	59.13 4.70 -18.01	57.71 5.23 -11.65	111.59 5.06 -65.38	124.02 5.94 -73.72	182.82 6.83 -127.89	241.53 6.41 -188.71	202.65 6.40 -147.81	122.85 4.76 -74.07	108.47 4.13 -63.03	50.77 4.25 -8.27	44.42 4.20 -6.03	39.76 3.46 -5.92
JAMAICA__27_KV_LOAD 355505	28.34 2.55 0.00	25.45 2.10 0.00	23.78 1.94 0.00	22.71 1.82 0.00	22.60 1.75 0.00	23.32 1.83 0.00	25.92 2.16 0.00	29.20 2.85 0.00	32.91 3.24 0.00	35.91 3.53 0.00	37.23 3.32 0.00	38.92 3.38 0.00	40.73 3.68 -0.64	44.99 4.12 -0.04	49.17 4.24 -3.78	57.17 4.97 -7.85	77.59 5.87 -23.62	80.55 5.43 -28.71	73.70 5.47 -19.77	54.97 3.39 -7.56	49.00 2.93 -4.75	41.35 3.10 0.00	37.67 3.49 0.00	33.02 2.64 0.00
JANIS___SOLAR 323808	27.10 1.31 0.00	24.40 1.05 0.00	22.73 0.90 0.00	21.77 0.88 0.00	21.64 0.79 0.00	22.46 0.97 0.00	25.09 1.33 0.00	27.67 1.32 0.00	30.90 1.22 0.00	33.51 1.13 0.00	34.96 1.05 0.00	36.75 1.21 0.00	37.62 1.20 0.00	42.15 1.31 -0.01	43.83 1.48 -1.20	48.17 1.55 -2.27	55.22 2.69 -4.42	58.32 3.11 -8.79	58.35 3.68 -6.21	49.89 3.48 -2.40	45.92 3.10 -1.51	40.89 2.64 0.00	36.16 1.98 0.00	32.14 1.76 0.00
JARVIS____ 23743	25.86 0.08 0.00	23.41 0.07 0.00	21.90 0.07 0.00	20.96 0.06 0.00	20.89 0.04 0.00	21.56 0.06 0.00	23.83 0.07 0.00	26.41 0.05 0.00	29.74 0.06 0.00	32.41 0.03 0.00	33.94 0.03 0.00	35.61 0.07 0.00	36.49 0.07 0.00	40.87 0.04 0.00	41.28 0.12 0.00	44.44 0.09 0.00	48.35 0.24 0.00	46.64 0.23 0.00	48.69 0.24 0.00	44.15 0.13 0.00	41.44 0.12 0.00	38.41 0.15 0.00	34.28 0.10 0.00	30.47 0.09 0.00
JENNISON___1 23625	27.30 1.52 0.00	24.58 1.24 0.00	22.90 1.07 0.00	21.94 1.04 0.00	21.75 0.90 0.00	22.61 1.12 0.00	25.26 1.50 0.00	27.89 1.53 0.00	31.25 1.57 0.00	34.03 1.65 0.00	35.57 1.66 0.00	37.43 1.88 0.00	38.31 1.89 0.00	42.93 2.08 -0.02	45.14 2.22 -1.76	49.99 2.31 -3.33	57.98 3.37 -6.51	62.84 3.48 -12.95	61.52 3.92 -9.15	51.12 3.57 -3.53	46.67 3.14 -2.22	41.05 2.79 0.00	36.26 2.08 0.00	32.27 1.88 0.00
JENNISON___2 23626	27.30 1.52 0.00	24.58 1.24 0.00	22.90 1.07 0.00	21.94 1.04 0.00	21.75 0.90 0.00	22.61 1.12 0.00	25.26 1.50 0.00	27.89 1.53 0.00	31.25 1.57 0.00	34.03 1.65 0.00	35.57 1.66 0.00	37.43 1.88 0.00	38.31 1.89 0.00	42.93 2.08 -0.02	45.14 2.22 -1.76	49.99 2.31 -3.33	57.98 3.37 -6.51	62.84 3.48 -12.95	61.52 3.92 -9.15	51.12 3.57 -3.53	46.67 3.14 -2.22	41.05 2.79 0.00	36.26 2.08 0.00	32.27 1.88 0.00

JERICO_RISE_WT_PWR 323719	25.32 -0.46 0.00	22.92 -0.42 0.00	21.37 -0.46 0.00	20.47 -0.42 0.00	20.49 -0.35 0.00	21.04 -0.45 0.00	23.07 -0.69 0.00	25.72 -0.63 0.00	29.26 -0.42 0.00	32.03 -0.36 0.00	33.40 -0.51 0.00	34.83 -0.71 0.00	35.51 -0.91 0.00	39.89 -0.94 0.00	40.21 -0.94 0.00	43.38 -0.98 0.00	46.85 -1.25 0.00	45.62 -0.79 0.00	47.63 -0.82 0.00	43.76 -0.26 0.00	41.23 -0.08 0.00	37.91 -0.34 0.00	33.87 -0.31 0.00	30.08 -0.30 0.00
KATONAH__115KV_46KV_TB4 355592	27.82 2.04 0.00	25.16 1.82 0.00	23.54 1.70 0.00	22.48 1.59 0.00	22.29 1.44 0.00	23.08 1.59 0.00	25.56 1.81 0.00	28.60 2.24 0.00	32.26 2.58 0.00	35.17 2.78 0.00	36.83 2.92 0.00	38.71 3.16 0.00	40.36 3.50 -0.44	44.91 4.04 -0.04	49.11 4.12 -3.85	56.73 4.61 -7.76	71.75 5.20 -18.45	80.46 4.92 -29.13	73.41 4.89 -20.07	55.28 3.57 -7.70	49.25 3.10 -4.84	41.12 2.87 0.00	36.85 2.67 0.00	32.57 2.19 0.00
KCE_NY_1 323755	27.43 1.65 0.00	24.93 1.59 0.00	23.32 1.49 0.00	22.25 1.36 0.00	22.20 1.35 0.00	22.95 1.46 0.00	25.35 1.59 0.00	28.20 1.84 0.00	31.73 2.05 0.00	34.55 2.17 0.00	36.22 2.31 0.00	38.03 2.49 0.00	39.23 2.66 -0.15	44.17 3.22 -0.11	56.36 3.21 -12.00	70.70 3.50 -22.85	96.74 3.99 -44.65	137.41 3.85 -87.15	114.78 4.07 -62.26	71.61 3.56 -24.03	59.71 3.31 -15.09	41.28 3.02 0.00	36.67 2.49 0.00	32.60 2.22 0.00
KCE_NY_6_ESR 323823	25.71 -0.08 0.00	23.16 -0.19 0.00	21.46 -0.37 0.00	20.47 -0.42 0.00	20.29 -0.56 0.00	21.12 -0.37 0.00	23.71 -0.05 0.00	25.83 -0.53 0.00	29.05 -0.62 0.00	31.77 -0.62 0.00	33.20 -0.71 0.00	34.79 -0.75 0.00	35.32 -1.09 0.00	39.20 -1.63 -0.01	40.22 -1.52 -0.59	43.39 -2.08 -1.12	49.47 -0.82 -2.19	50.02 -0.74 -4.35	51.77 0.24 -3.08	44.24 -0.97 -1.19	41.19 -0.87 -0.75	37.45 -0.81 0.00	33.94 -0.24 0.00	30.62 0.24 0.00
KEDC_PORT_JEFF_GT2 24210	35.00 2.96 -6.26	30.53 2.64 -4.55	25.63 2.51 -1.29	23.25 2.34 -0.02	24.58 2.29 -1.44	24.29 2.39 -0.42	26.48 2.71 -0.02	33.33 3.27 -3.71	35.40 3.71 -2.01	36.69 4.01 -0.29	43.16 3.86 -5.39	46.53 3.91 -7.08	55.10 3.86 -14.83	56.69 4.21 -11.66	124.07 4.07 -78.85	136.25 4.75 -87.15	205.55 5.48 -151.97	283.54 5.11 -232.02	233.61 5.04 -180.12	137.08 3.61 -89.45	121.00 3.18 -76.51	51.84 3.40 -10.18	44.05 3.73 -6.14	39.36 3.07 -5.91
KEDC_PORT_JEFF_GT3 24211	35.00 2.96 -6.26	30.53 2.64 -4.55	25.63 2.51 -1.29	23.25 2.34 -0.02	24.58 2.29 -1.44	24.29 2.39 -0.42	26.48 2.71 -0.02	33.33 3.27 -3.71	35.40 3.71 -2.01	36.69 4.01 -0.29	43.16 3.86 -5.39	46.53 3.91 -7.08	55.10 3.86 -14.83	56.69 4.21 -11.66	124.07 4.07 -78.85	136.25 4.75 -87.15	205.55 5.48 -151.97	283.54 5.11 -232.02	233.61 5.04 -180.12	137.08 3.61 -89.45	121.00 3.18 -76.51	51.84 3.40 -10.18	44.05 3.73 -6.14	39.36 3.07 -5.91
KEDC_GLWD_GT4 24219	34.57 2.53 -6.26	30.11 2.22 -4.55	25.20 2.08 -1.29	22.85 1.94 -0.02	24.19 1.90 -1.44	23.88 1.98 -0.42	26.03 2.26 -0.02	32.83 2.77 -3.71	34.81 3.12 -2.01	36.07 3.40 -0.29	40.81 3.49 -3.41	43.24 3.45 -4.25	44.25 3.68 -4.16	56.59 4.12 -11.64	52.30 3.99 -7.15	64.77 4.79 -15.63	77.36 5.48 -23.78	80.23 5.11 -28.71	73.31 5.09 -19.78	55.16 3.56 -7.58	49.12 3.06 -4.75	41.39 3.14 0.00	43.32 3.04 -6.10	38.94 2.67 -5.88
KEDC_GLWD_GT5 24220	34.57 2.53 -6.26	30.11 2.22 -4.55	25.20 2.08 -1.29	22.85 1.94 -0.02	24.19 1.90 -1.44	23.88 1.98 -0.42	26.03 2.26 -0.02	32.83 2.77 -3.71	34.81 3.12 -2.01	36.07 3.40 -0.29	40.81 3.49 -3.41	43.24 3.45 -4.25	44.25 3.68 -4.16	56.59 4.12 -11.64	52.30 3.99 -7.15	64.77 4.79 -15.63	77.36 5.48 -23.78	80.23 5.11 -28.71	73.31 5.09 -19.78	55.16 3.56 -7.58	49.12 3.06 -4.75	41.39 3.14 0.00	43.32 3.04 -6.10	38.94 2.67 -5.88
KENSICO____ 23655	27.82 2.04 0.00	25.14 1.80 0.00	23.52 1.68 0.00	22.46 1.57 0.00	22.31 1.46 0.00	23.08 1.59 0.00	25.59 1.83 0.00	28.62 2.27 0.00	32.23 2.55 0.00	35.13 2.75 0.00	36.72 2.81 0.00	38.46 2.91 0.00	40.26 3.17 -0.68	44.42 3.55 -0.04	48.50 3.58 -3.77	56.31 4.08 -7.88	77.18 4.76 -24.31	79.42 4.36 -28.64	72.59 4.41 -19.73	54.51 2.95 -7.54	48.57 2.52 -4.74	40.86 2.60 0.00	36.78 2.60 0.00	32.48 2.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.92 2.14 0.00	25.05 1.70 0.00	23.43 1.59 0.00	22.33 1.44 0.00	22.14 1.29 0.00	22.93 1.44 0.00	25.47 1.71 0.00	28.25 1.90 0.00	31.85 2.17 0.00	34.65 2.27 0.00	36.25 2.34 0.00	37.99 2.45 0.00	39.19 2.84 0.06	44.05 3.18 -0.03	48.13 3.25 -3.73	55.13 3.81 -6.97	66.37 4.62 -13.65	77.43 4.36 -26.65	71.83 4.51 -18.87	54.69 3.21 -7.46	48.73 2.73 -4.69	41.09 2.83 0.00	36.67 2.50 0.00	32.36 1.97 0.00
KIAC_JFK_GT1 23816	28.23 2.45 0.00	25.38 2.03 0.00	23.71 1.88 0.00	22.65 1.75 0.00	22.54 1.69 0.00	23.25 1.76 0.00	25.83 2.07 0.00	29.10 2.74 0.00	32.80 3.12 0.00	35.78 3.40 0.00	37.10 3.19 0.00	38.78 3.23 0.00	40.59 3.53 -0.64	44.83 3.96 -0.04	48.96 4.03 -3.78	56.95 4.75 -7.85	77.35 5.63 -23.62	80.32 5.20 -28.71	73.41 5.18 -19.77	54.75 3.17 -7.56	48.83 2.77 -4.75	41.16 2.91 0.00	37.49 3.32 0.00	32.90 2.52 0.00
KIAC_JFK_GT2 23817	28.23 2.45 0.00	25.38 2.03 0.00	23.71 1.88 0.00	22.65 1.75 0.00	22.54 1.69 0.00	23.25 1.76 0.00	25.83 2.07 0.00	29.10 2.74 0.00	32.80 3.12 0.00	35.78 3.40 0.00	37.10 3.19 0.00	38.78 3.23 0.00	40.59 3.53 -0.64	44.83 3.96 -0.04	48.96 4.03 -3.78	56.95 4.75 -7.85	77.35 5.63 -23.62	80.32 5.20 -28.71	73.41 5.18 -19.77	54.75 3.17 -7.56	48.83 2.77 -4.75	41.16 2.91 0.00	37.49 3.32 0.00	32.90 2.52 0.00
KIAC_JFK____ 323774	28.23 2.45 0.00	25.37 2.03 0.00	23.71 1.88 0.00	22.67 1.77 0.00	22.58 1.73 0.00	23.25 1.76 0.00	25.82 2.07 0.00	29.10 2.74 0.00	32.79 3.12 0.00	35.78 3.40 0.00	37.10 3.19 0.00	38.78 3.23 0.00	40.59 3.53 -0.64	44.83 3.96 -0.04	48.67 3.74 -3.78	56.95 4.75 -7.85	77.29 5.58 -23.61	80.31 5.20 -28.70	73.41 5.19 -19.77	54.75 3.17 -7.56	48.83 2.77 -4.75	41.16 2.91 0.00	37.43 3.25 0.00	32.87 2.49 0.00
KINTIGH____ 23543	25.27 -0.52 0.00	22.85 -0.49 0.00	21.22 -0.61 0.00	20.24 -0.65 0.00	20.06 -0.79 0.00	20.91 -0.58 0.00	23.38 -0.38 0.00	25.51 -0.84 0.00	28.70 -0.98 0.00	31.31 -1.07 0.00	32.82 -1.09 0.00	34.33 -1.21 0.00	34.89 -1.53 0.00	38.87 -1.96 0.00	39.32 -2.30 -0.47	42.72 -2.53 -0.89	48.45 -1.40 -1.74	48.58 -1.30 -3.47	50.52 -0.39 -2.45	43.64 -1.32 -0.95	40.58 -1.32 -0.59	36.95 -1.30 0.00	33.22 -0.96 0.00	30.02 -0.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.58 -0.21 0.00	23.18 -0.16 0.00	21.59 -0.24 0.00	20.66 -0.23 0.00	20.75 -0.10 0.00	21.25 -0.24 0.00	23.28 -0.48 0.00	26.20 -0.16 0.00	29.77 0.09 0.00	32.61 0.23 0.00	34.01 0.10 0.00	35.40 -0.14 0.00	36.09 -0.33 0.00	40.50 -0.33 0.00	40.95 -0.21 0.00	44.08 -0.27 0.00	47.82 -0.29 0.00	46.83 0.42 0.00	48.84 0.39 0.00	44.72 0.70 0.00	42.18 0.87 0.00	38.71 0.46 0.00	34.56 0.38 0.00	30.69 0.30 0.00

LACHUTE____HYDRO 323717	28.75 2.96 0.00	26.03 2.68 0.00	24.32 2.49 0.00	23.19 2.30 0.00	23.14 2.29 0.00	23.98 2.49 0.00	26.75 2.99 0.00	29.89 3.53 0.00	33.63 3.95 0.00	36.69 4.31 0.00	38.49 4.58 0.00	40.55 5.01 0.00	41.78 5.21 -0.15	47.52 6.58 -0.11	60.01 6.75 -12.10	74.67 7.27 -23.05	101.47 8.32 -45.04	142.56 8.22 -87.94	120.02 8.77 -62.80	76.13 7.88 -24.24	63.93 7.39 -15.22	44.84 6.58 0.00	39.37 5.19 0.00	34.94 4.56 0.00
LAWRNCV_115KV_TB1 80681	24.83 -0.95 0.00	22.41 -0.93 0.00	20.92 -0.92 0.00	20.08 -0.81 0.00	20.14 -0.71 0.00	20.63 -0.86 0.00	22.71 -1.05 0.00	25.22 -1.13 0.00	28.43 -1.25 0.00	31.15 -1.23 0.00	32.55 -1.36 0.00	34.12 -1.42 0.00	34.89 -1.53 0.00	39.16 -1.67 0.00	39.67 -1.48 0.00	42.62 -1.73 0.00	45.80 -2.31 0.00	44.46 -1.95 0.00	46.37 -2.08 0.00	42.74 -1.28 0.00	40.28 -1.03 0.00	37.15 -1.11 0.00	33.02 -1.16 0.00	29.32 -1.06 0.00
LEDERLE____ 23769	27.82 2.04 0.00	25.12 1.77 0.00	23.49 1.66 0.00	22.42 1.53 0.00	22.25 1.40 0.00	23.04 1.55 0.00	25.54 1.78 0.00	28.47 2.11 0.00	32.08 2.40 0.00	35.00 2.62 0.00	36.59 2.68 0.00	38.28 2.74 0.00	38.45 2.99 0.95	44.25 3.39 -0.03	48.20 3.46 -3.59	54.02 3.95 -5.72	58.66 4.62 -5.93	77.34 4.22 -26.71	71.00 4.22 -18.33	54.07 2.86 -7.19	48.27 2.44 -4.52	40.74 2.49 0.00	36.61 2.43 0.00	32.30 1.91 0.00
LIGHTHSE_115KV_TB6 355974	25.47 -0.31 0.00	23.04 -0.30 0.00	21.51 -0.33 0.00	20.60 -0.29 0.00	20.49 -0.35 0.00	21.21 -0.28 0.00	23.52 -0.24 0.00	26.04 -0.32 0.00	29.26 -0.42 0.00	31.90 -0.49 0.00	33.33 -0.58 0.00	35.01 -0.53 0.00	35.87 -0.55 0.00	40.18 -0.65 0.00	40.62 -0.53 0.00	43.64 -0.71 0.00	47.62 -0.48 0.00	46.13 -0.28 0.00	48.40 -0.05 0.00	44.02 0.00 0.00	41.19 -0.12 0.00	38.18 -0.08 0.00	33.87 -0.31 0.00	30.20 -0.18 0.00
LINDEN COGEN____ 23786	27.92 2.14 0.00	25.14 1.80 0.00	23.49 1.66 0.00	22.46 1.57 0.00	22.37 1.52 0.00	23.06 1.57 0.00	25.64 1.88 0.00	28.78 2.42 0.00	32.41 2.73 0.00	34.20 2.92 1.10	35.26 2.92 1.57	35.83 2.95 2.66	36.11 3.21 3.51	37.52 3.55 6.86	41.07 3.38 3.46	48.82 4.22 -0.25	69.06 4.96 -16.00	71.14 4.60 -20.13	56.33 4.51 -3.37	38.06 2.82 8.78	37.44 2.35 6.23	37.24 2.52 3.54	35.25 2.63 1.56	32.54 2.16 0.00
LINDHRST_69_KV_BK1 356055	35.11 3.07 -6.26	30.60 2.71 -4.55	25.68 2.55 -1.29	23.29 2.38 -0.02	24.56 2.27 -1.44	24.34 2.43 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.49 3.80 -2.01	36.75 4.08 -0.29	42.67 4.10 -4.66	44.71 4.27 -4.91	51.79 4.48 -10.90	57.33 4.86 -11.64	58.52 4.94 -12.43	70.87 5.63 -20.89	87.81 6.49 -33.21	86.68 6.08 -34.19	84.45 6.15 -29.85	62.20 4.58 -13.60	55.27 3.92 -10.03	43.14 4.13 -0.75	42.78 4.10 -4.50	39.65 3.37 -5.90
LIPA_MISC_IPP 23656	34.95 2.91 -6.26	30.46 2.57 -4.55	25.57 2.45 -1.29	23.19 2.28 -0.02	24.48 2.19 -1.44	24.25 2.34 -0.42	26.48 2.71 -0.02	33.31 3.24 -3.71	35.34 3.65 -2.01	36.69 4.02 -0.29	43.27 3.80 -5.57	46.33 3.95 -6.84	56.39 4.19 -15.78	57.01 4.53 -11.65	113.72 4.61 -67.96	125.88 5.23 -76.30	186.72 6.11 -132.51	177.69 5.66 -125.62	203.22 5.72 -149.05	125.22 4.18 -77.02	110.48 3.55 -65.62	50.60 3.71 -8.63	42.28 3.76 -4.34	39.34 3.07 -5.89
LISF____SOLAR 323691	35.00 2.96 -6.26	30.49 2.59 -4.55	25.61 2.49 -1.29	23.23 2.32 -0.02	24.56 2.27 -1.44	24.27 2.36 -0.42	26.53 2.75 -0.02	33.36 3.29 -3.71	35.43 3.74 -2.01	36.75 4.08 -0.29	43.40 3.90 -5.59	46.43 4.02 -6.87	56.58 4.26 -15.90	57.18 4.69 -11.65	114.36 4.53 -68.68	126.73 5.36 -77.02	188.15 6.25 -133.80	242.10 5.85 -189.84	205.98 5.86 -151.67	126.18 4.32 -77.85	111.37 3.72 -66.34	50.85 3.86 -8.74	43.87 3.83 -5.86	39.42 3.13 -5.91
LITTLE FALLS____HYD 24013	25.96 0.18 0.00	23.39 0.05 0.00	21.88 0.04 0.00	20.96 0.06 0.00	20.89 0.04 0.00	21.58 0.09 0.00	24.02 0.26 0.00	26.57 0.21 0.00	29.89 0.21 0.00	32.61 0.23 0.00	34.15 0.24 0.00	35.83 0.28 0.00	36.67 0.25 0.00	41.16 0.33 0.00	41.52 0.37 0.00	44.75 0.40 0.00	48.73 0.63 0.00	47.11 0.70 0.00	49.18 0.73 0.00	44.63 0.62 0.00	41.77 0.45 0.00	38.60 0.34 0.00	34.38 0.21 0.00	30.62 0.24 0.00
LITTLRIV_115KV_TB1 356100	25.11 -0.67 0.00	22.62 -0.72 0.00	21.07 -0.76 0.00	20.27 -0.63 0.00	20.31 -0.54 0.00	20.82 -0.67 0.00	22.97 -0.78 0.00	25.51 -0.84 0.00	28.73 -0.95 0.00	31.47 -0.91 0.00	32.93 -0.98 0.00	34.51 -1.03 0.00	35.29 -1.13 0.00	39.65 -1.18 0.00	40.16 -0.99 0.00	43.11 -1.24 0.00	46.32 -1.78 0.00	45.02 -1.39 0.00	47.00 -1.45 0.00	43.45 -0.57 0.00	40.90 -0.41 0.00	37.68 -0.57 0.00	33.43 -0.75 0.00	29.68 -0.70 0.00
LI_NEWBRDGE____DRP 323616	34.49 2.45 -6.26	30.07 2.17 -4.55	25.15 2.03 -1.29	22.81 1.90 -0.02	24.08 1.79 -1.44	23.84 1.93 -0.42	26.01 2.23 -0.02	32.75 2.69 -3.71	34.72 3.03 -2.01	35.88 3.21 -0.29	40.47 3.15 -3.41	43.06 3.27 -4.25	44.07 3.50 -4.16	56.31 3.84 -11.64	52.22 3.91 -7.15	64.37 4.39 -15.63	76.98 5.10 -23.78	79.86 4.73 -28.72	72.93 4.70 -19.78	54.90 3.30 -7.58	48.87 2.81 -4.75	41.24 2.98 0.00	39.20 3.11 -1.91	38.78 2.52 -5.88
LOCKPORT_115KV_TB60_63_64 80432	25.40 -0.39 0.00	22.95 -0.40 0.00	21.27 -0.57 0.00	20.33 -0.56 0.00	20.10 -0.75 0.00	20.87 -0.62 0.00	23.45 -0.31 0.00	25.46 -0.90 0.00	28.64 -1.04 0.00	31.28 -1.10 0.00	32.76 -1.15 0.00	34.26 -1.28 0.00	34.70 -1.71 0.00	38.59 -2.25 0.00	39.04 -2.63 -0.52	42.41 -2.93 -0.99	48.35 -1.68 -1.93	48.67 -1.58 -3.84	50.73 -0.44 -2.71	43.57 -1.50 -1.05	40.52 -1.45 -0.66	36.88 -1.38 0.00	33.26 -0.92 0.00	30.14 -0.24 0.00
LOCKPORT____CC1 323769	25.42 -0.36 0.00	22.92 -0.42 0.00	21.27 -0.57 0.00	20.31 -0.58 0.00	20.06 -0.79 0.00	20.87 -0.62 0.00	23.43 -0.33 0.00	25.46 -0.90 0.00	28.61 -1.07 0.00	31.25 -1.13 0.00	32.66 -1.25 0.00	34.23 -1.31 0.00	34.71 -1.71 0.00	38.51 -2.33 0.00	39.46 -2.22 -0.53	42.42 -2.93 -1.00	48.32 -1.73 -1.95	48.70 -1.58 -3.87	50.70 -0.48 -2.74	43.36 -1.72 -1.06	40.49 -1.49 -0.66	36.88 -1.38 0.00	33.43 -0.75 0.00	30.20 -0.18 0.00
LOCKPORT____CC2 323770	25.42 -0.36 0.00	22.92 -0.42 0.00	21.27 -0.57 0.00	20.31 -0.58 0.00	20.06 -0.79 0.00	20.87 -0.62 0.00	23.43 -0.33 0.00	25.46 -0.90 0.00	28.61 -1.07 0.00	31.25 -1.13 0.00	32.66 -1.25 0.00	34.23 -1.31 0.00	34.71 -1.71 0.00	38.51 -2.33 0.00	39.46 -2.22 -0.53	42.42 -2.93 -1.00	48.32 -1.73 -1.95	48.70 -1.58 -3.87	50.70 -0.48 -2.74	43.36 -1.72 -1.06	40.49 -1.49 -0.66	36.88 -1.38 0.00	33.43 -0.75 0.00	30.20 -0.18 0.00
LOCKPORT____CC3 323771	25.42 -0.36 0.00	22.92 -0.42 0.00	21.27 -0.57 0.00	20.31 -0.58 0.00	20.06 -0.79 0.00	20.87 -0.62 0.00	23.43 -0.33 0.00	25.46 -0.90 0.00	28.61 -1.07 0.00	31.25 -1.13 0.00	32.66 -1.25 0.00	34.23 -1.31 0.00	34.71 -1.71 0.00	38.51 -2.33 0.00	39.46 -2.22 -0.53	42.42 -2.93 -1.00	48.32 -1.73 -1.95	48.70 -1.58 -3.87	50.70 -0.48 -2.74	43.36 -1.72 -1.06	40.49 -1.49 -0.66	36.88 -1.38 0.00	33.43 -0.75 0.00	30.20 -0.18 0.00

LONG_LAKE_PHOENIX 24014	25.29 -0.49 0.00	22.88 -0.47 0.00	21.40 -0.44 0.00	20.47 -0.42 0.00	20.37 -0.48 0.00	21.08 -0.41 0.00	23.35 -0.40 0.00	25.91 -0.45 0.00	29.17 -0.50 0.00	31.80 -0.58 0.00	33.33 -0.58 0.00	34.97 -0.57 0.00	35.83 -0.58 0.00	40.18 -0.65 0.00	40.41 -0.74 0.00	43.55 -0.80 0.00	47.67 -0.43 0.00	45.99 -0.42 0.00	48.11 -0.34 0.00	43.53 -0.48 0.00	40.78 -0.54 0.00	37.68 -0.57 0.00	33.56 -0.62 0.00	29.90 -0.49 0.00
LOVETT___3 23632	27.61 1.83 0.00	24.98 1.63 0.00	23.36 1.53 0.00	22.31 1.42 0.00	22.16 1.31 0.00	22.93 1.44 0.00	25.40 1.64 0.00	28.31 1.95 0.00	31.91 2.23 0.00	34.78 2.40 0.00	36.35 2.44 0.00	37.99 2.45 0.00	38.06 2.66 1.02	43.89 3.02 -0.03	47.81 3.05 -3.61	53.54 3.50 -5.68	57.27 4.14 -5.03	77.01 3.76 -26.84	70.60 3.73 -18.42	53.67 2.42 -7.23	47.92 2.07 -4.54	40.40 2.14 0.00	36.30 2.12 0.00	32.08 1.70 0.00
LOVETT___4 23642	27.61 1.83 0.00	24.98 1.63 0.00	23.36 1.53 0.00	22.31 1.42 0.00	22.16 1.31 0.00	22.93 1.44 0.00	25.40 1.64 0.00	28.31 1.95 0.00	31.91 2.23 0.00	34.78 2.40 0.00	36.35 2.44 0.00	37.99 2.45 0.00	38.06 2.66 1.02	43.89 3.02 -0.03	47.81 3.05 -3.61	53.54 3.50 -5.68	57.27 4.14 -5.03	77.01 3.76 -26.84	70.60 3.73 -18.42	53.67 2.42 -7.23	47.92 2.07 -4.54	40.40 2.14 0.00	36.30 2.12 0.00	32.08 1.70 0.00
LOVETT___5 23593	27.61 1.83 0.00	24.98 1.63 0.00	23.36 1.53 0.00	22.31 1.42 0.00	22.16 1.31 0.00	22.93 1.44 0.00	25.40 1.64 0.00	28.31 1.95 0.00	31.91 2.23 0.00	34.78 2.40 0.00	36.35 2.44 0.00	37.99 2.45 0.00	38.06 2.66 1.02	43.89 3.02 -0.03	47.81 3.05 -3.61	53.54 3.50 -5.68	57.27 4.14 -5.03	77.01 3.76 -26.84	70.60 3.73 -18.42	53.67 2.42 -7.23	47.92 2.07 -4.54	40.40 2.14 0.00	36.30 2.12 0.00	32.08 1.70 0.00
LOWER RAQUET___HYD 24057	24.70 -1.08 0.00	22.29 -1.05 0.00	20.79 -1.05 0.00	19.95 -0.94 0.00	19.97 -0.87 0.00	20.50 -0.99 0.00	22.57 -1.19 0.00	25.01 -1.34 0.00	28.26 -1.42 0.00	30.93 -1.46 0.00	32.35 -1.56 0.00	33.87 -1.67 0.00	34.67 -1.75 0.00	38.95 -1.88 0.00	39.38 -1.77 0.00	42.36 -1.99 0.00	45.55 -2.55 0.00	44.18 -2.23 0.00	46.17 -2.28 0.00	42.61 -1.41 0.00	40.07 -1.24 0.00	36.95 -1.30 0.00	32.85 -1.33 0.00	29.17 -1.22 0.00
LOWER___HUDSON 24059	27.07 1.29 0.00	24.60 1.26 0.00	23.01 1.18 0.00	21.98 1.09 0.00	21.91 1.06 0.00	22.67 1.18 0.00	25.02 1.26 0.00	27.78 1.42 0.00	31.25 1.57 0.00	34.00 1.62 0.00	35.67 1.76 0.00	37.42 1.88 0.00	38.58 2.00 -0.16	43.22 2.29 -0.10	54.16 2.30 -10.71	67.21 2.44 -20.42	90.61 2.74 -39.77	126.45 2.60 -77.44	106.78 2.76 -55.57	67.79 2.33 -21.44	56.97 2.19 -13.47	40.32 2.06 0.00	35.92 1.74 0.00	31.96 1.58 0.00
LOWVILLE_115KV_TB2 356335	25.60 -0.18 0.00	23.09 -0.26 0.00	21.55 -0.28 0.00	20.66 -0.23 0.00	20.60 -0.25 0.00	21.25 -0.24 0.00	23.59 -0.17 0.00	25.57 -0.79 0.00	28.70 -0.98 0.00	31.31 -1.07 0.00	32.62 -1.29 0.00	34.30 -1.24 0.00	35.11 -1.31 0.00	39.36 -1.47 0.00	40.86 -0.29 0.00	43.91 -0.44 0.00	47.72 -0.38 0.00	46.36 -0.05 0.00	49.27 0.82 0.00	45.21 1.19 0.00	42.30 0.99 0.00	39.10 0.84 0.00	34.56 0.38 0.00	30.69 0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.43 1.65 0.00	24.91 1.56 0.00	23.30 1.46 0.00	22.25 1.36 0.00	22.14 1.29 0.00	22.95 1.46 0.00	25.35 1.59 0.00	28.15 1.79 0.00	31.70 2.02 0.00	34.52 2.14 0.00	36.18 2.27 0.00	38.03 2.49 0.00	39.19 2.62 -0.15	44.13 3.18 -0.11	56.36 3.21 -12.00	70.66 3.46 -22.85	96.70 3.94 -44.65	137.37 3.81 -87.15	114.78 4.07 -62.26	71.57 3.52 -24.03	59.67 3.26 -15.09	41.24 2.98 0.00	36.67 2.50 0.00	32.60 2.22 0.00
LUTHERNY_35_KV_BK2 355980	27.43 1.65 0.00	24.93 1.59 0.00	23.32 1.48 0.00	22.25 1.36 0.00	22.16 1.31 0.00	22.95 1.46 0.00	25.35 1.59 0.00	28.18 1.82 0.00	31.73 2.05 0.00	34.55 2.17 0.00	36.22 2.31 0.00	38.07 2.52 0.00	39.23 2.66 -0.15	44.17 3.23 -0.11	56.36 3.21 -12.00	70.71 3.50 -22.85	96.74 3.99 -44.65	137.41 3.85 -87.15	114.83 4.12 -62.26	71.61 3.57 -24.03	59.71 3.30 -15.09	41.28 3.02 0.00	36.71 2.53 0.00	32.60 2.22 0.00
LWR___OSWEGATCHIE_HYD 23850	24.98 -0.80 0.00	22.55 -0.79 0.00	21.05 -0.79 0.00	20.20 -0.69 0.00	20.20 -0.65 0.00	20.76 -0.73 0.00	22.93 -0.83 0.00	25.20 -1.16 0.00	28.34 -1.34 0.00	30.99 -1.39 0.00	32.35 -1.56 0.00	33.94 -1.60 0.00	34.70 -1.71 0.00	38.95 -1.88 0.00	39.88 -1.28 0.00	42.84 -1.51 0.00	46.28 -1.83 0.00	45.02 -1.39 0.00	47.34 -1.11 0.00	43.53 -0.48 0.00	40.86 -0.45 0.00	37.72 -0.54 0.00	33.43 -0.75 0.00	29.68 -0.70 0.00
LYONS_FALL_HYD 23570	26.01 0.23 0.00	23.44 0.09 0.00	21.88 0.04 0.00	20.98 0.08 0.00	20.89 0.04 0.00	21.58 0.09 0.00	24.02 0.26 0.00	27.04 0.68 0.00	30.39 0.71 0.00	33.16 0.78 0.00	34.72 0.81 0.00	36.50 0.96 0.00	37.36 0.95 0.00	41.89 1.06 0.00	41.65 0.50 0.00	44.75 0.40 0.00	48.78 0.67 0.00	47.29 0.88 0.00	49.61 1.16 0.00	45.38 1.37 0.00	42.47 1.16 0.00	39.25 0.99 0.00	34.76 0.58 0.00	30.87 0.48 0.00
MADISON___COUNTY_LFGE 323628	26.43 0.64 0.00	23.81 0.47 0.00	22.23 0.39 0.00	21.29 0.40 0.00	21.18 0.33 0.00	21.92 0.43 0.00	24.42 0.67 0.00	27.07 0.71 0.00	30.42 0.74 0.00	33.16 0.78 0.00	34.72 0.81 0.00	36.50 0.96 0.00	37.40 0.98 0.00	41.93 1.10 0.00	42.26 1.11 0.00	45.50 1.15 0.00	49.84 1.73 0.00	48.22 1.81 0.00	50.44 1.99 0.00	45.91 1.89 0.00	42.92 1.61 0.00	39.67 1.42 0.00	35.17 0.99 0.00	31.26 0.88 0.00
MALONE___115KV_TB1 356076	25.32 -0.46 0.00	22.90 -0.44 0.00	21.33 -0.50 0.00	20.43 -0.46 0.00	20.52 -0.33 0.00	21.02 -0.47 0.00	23.07 -0.69 0.00	25.72 -0.63 0.00	29.17 -0.50 0.00	31.96 -0.42 0.00	33.37 -0.54 0.00	34.80 -0.75 0.00	35.47 -0.95 0.00	39.85 -0.98 0.00	40.25 -0.91 0.00	43.38 -0.98 0.00	46.76 -1.35 0.00	45.67 -0.74 0.00	47.63 -0.82 0.00	43.75 -0.26 0.00	41.23 -0.08 0.00	37.91 -0.34 0.00	33.80 -0.38 0.00	30.02 -0.36 0.00
MAPLEWOD_115KV_TB3 80458	27.10 1.31 0.00	24.63 1.28 0.00	23.03 1.20 0.00	22.00 1.11 0.00	21.89 1.04 0.00	22.67 1.18 0.00	25.02 1.26 0.00	27.78 1.42 0.00	31.28 1.60 0.00	34.07 1.68 0.00	35.67 1.76 0.00	37.46 1.92 0.00	38.54 1.97 -0.16	43.25 2.33 -0.09	53.13 2.35 -9.63	65.26 2.53 -18.38	86.97 2.89 -35.98	118.97 2.74 -69.82	101.33 2.91 -49.98	65.77 2.46 -19.29	55.70 2.27 -12.11	40.36 2.10 0.00	36.09 1.91 0.00	32.05 1.67 0.00
MAPLE RIDGE_WT_1 323574	25.37 -0.41 0.00	22.92 -0.42 0.00	21.44 -0.39 0.00	20.52 -0.38 0.00	20.49 -0.35 0.00	21.10 -0.39 0.00	23.33 -0.43 0.00	25.80 -0.55 0.00	29.15 -0.53 0.00	31.86 -0.52 0.00	33.37 -0.54 0.00	34.90 -0.64 0.00	35.72 -0.69 0.00	40.10 -0.73 0.00	40.49 -0.66 0.00	43.86 -0.49 0.00	47.91 -0.19 0.00	46.41 0.00 0.00	47.97 -0.48 0.00	43.66 -0.35 0.00	40.94 -0.37 0.00	37.84 -0.42 0.00	33.73 -0.45 0.00	29.99 -0.40 0.00

MAPLE_RIDGE_WT_2 323611	25.37 -0.41 0.00	22.92 -0.42 0.00	21.44 -0.39 0.00	20.52 -0.38 0.00	20.49 -0.35 0.00	21.10 -0.39 0.00	23.33 -0.43 0.00	25.80 -0.55 0.00	29.15 -0.53 0.00	31.86 -0.52 0.00	33.37 -0.54 0.00	34.90 -0.64 0.00	35.72 -0.69 0.00	40.10 -0.73 0.00	40.49 -0.66 0.00	43.86 -0.49 0.00	47.91 -0.19 0.00	46.41 0.00 0.00	47.97 -0.48 0.00	43.66 -0.35 0.00	40.94 -0.37 0.00	37.84 -0.42 0.00	33.73 -0.45 0.00	29.99 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	25.37 -0.41 0.00	22.99 -0.35 0.00	21.42 -0.42 0.00	20.52 -0.38 0.00	20.54 -0.31 0.00	21.08 -0.41 0.00	23.14 -0.62 0.00	25.72 -0.63 0.00	29.26 -0.42 0.00	32.03 -0.36 0.00	33.40 -0.51 0.00	34.79 -0.75 0.00	35.51 -0.91 0.00	39.85 -0.98 0.00	40.25 -0.91 0.00	43.38 -0.98 0.00	46.90 -1.20 0.00	45.72 -0.69 0.00	47.73 -0.73 0.00	43.80 -0.22 0.00	41.23 -0.08 0.00	37.95 -0.31 0.00	33.87 -0.31 0.00	30.08 -0.30 0.00
MARSHVLE_115KV_TB1 80742	27.90 2.11 0.00	25.33 1.98 0.00	23.67 1.83 0.00	22.63 1.73 0.00	22.50 1.65 0.00	23.36 1.87 0.00	25.75 2.00 0.00	28.62 2.27 0.00	32.05 2.37 0.00	34.84 2.46 0.00	36.45 2.54 0.00	38.28 2.74 0.00	39.41 2.88 -0.11	44.36 3.43 -0.10	55.29 3.54 -10.60	68.32 3.81 -20.16	92.32 4.76 -39.46	128.56 4.92 -77.23	108.91 5.47 -54.99	70.22 4.97 -21.23	59.27 4.63 -13.33	42.54 4.28 0.00	37.56 3.38 0.00	33.27 2.89 0.00
MARSH_HILL_WT_PWR 323713	26.27 0.49 0.00	23.65 0.30 0.00	21.94 0.11 0.00	20.91 0.02 0.00	20.79 -0.06 0.00	21.64 0.15 0.00	24.28 0.52 0.00	26.70 0.34 0.00	30.01 0.33 0.00	32.74 0.36 0.00	34.11 0.20 0.00	35.72 0.18 0.00	36.42 0.00 0.00	40.59 -0.24 -0.01	41.78 -0.12 -0.75	45.47 -0.31 -1.42	51.94 1.06 -2.78	53.10 1.16 -5.53	54.30 1.94 -3.91	46.49 0.97 -1.51	43.13 0.87 -0.95	38.94 0.69 0.00	34.93 0.75 0.00	31.41 1.03 0.00
MCINTYRE_115KV_TB2 80467	25.40 -0.39 0.00	22.90 -0.44 0.00	21.33 -0.50 0.00	20.52 -0.38 0.00	20.56 -0.29 0.00	21.06 -0.43 0.00	23.24 -0.52 0.00	25.80 -0.55 0.00	29.06 -0.62 0.00	31.83 -0.55 0.00	33.27 -0.64 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.10 -0.73 0.00	40.53 -0.62 0.00	43.55 -0.80 0.00	46.81 -1.30 0.00	45.44 -0.97 0.00	47.43 -1.02 0.00	43.93 -0.09 0.00	41.35 0.04 0.00	38.10 -0.15 0.00	33.80 -0.38 0.00	30.02 -0.36 0.00
MECO____69_KV_BK1 80468	29.03 3.25 0.00	25.89 2.54 0.00	24.21 2.38 0.00	23.11 2.21 0.00	23.00 2.15 0.00	23.90 2.41 0.00	26.92 3.16 0.00	29.89 3.53 0.00	33.33 3.65 0.00	35.98 3.59 0.00	37.54 3.63 0.00	39.42 3.87 0.00	40.58 4.04 -0.12	45.88 4.94 -0.11	57.59 5.10 -11.33	71.63 5.72 -21.56	97.48 7.17 -42.20	136.59 7.61 -82.56	115.92 8.67 -58.79	74.77 8.06 -22.70	63.13 7.56 -14.25	45.03 6.77 0.00	39.55 5.37 0.00	35.06 4.68 0.00
MENANDS__115KV_TB5 355628	26.84 1.06 0.00	24.39 1.05 0.00	22.84 1.00 0.00	21.81 0.92 0.00	21.70 0.85 0.00	22.48 0.99 0.00	24.78 1.02 0.00	27.52 1.16 0.00	30.99 1.31 0.00	33.74 1.36 0.00	35.33 1.42 0.00	37.07 1.53 0.00	38.11 1.53 -0.16	42.71 1.80 -0.09	52.03 1.77 -9.11	63.66 1.91 -17.40	84.28 2.12 -34.06	114.35 1.95 -65.99	97.78 2.03 -47.29	63.94 1.67 -18.25	54.30 1.53 -11.46	39.75 1.49 0.00	35.62 1.44 0.00	31.66 1.28 0.00
MG INDUSTRY__DRP 24185	26.92 1.13 0.00	24.44 1.10 0.00	22.90 1.07 0.00	21.87 0.98 0.00	21.77 0.92 0.00	22.52 1.03 0.00	24.85 1.09 0.00	27.57 1.21 0.00	31.04 1.37 0.00	33.77 1.39 0.00	35.33 1.42 0.00	37.07 1.53 0.00	37.29 0.73 -0.15	41.75 0.86 -0.07	48.95 0.82 -6.98	58.54 0.84 -13.35	75.37 0.91 -26.35	91.86 0.84 -44.61	83.01 0.87 -33.69	58.69 0.70 -13.97	50.75 0.66 -8.77	38.94 0.69 0.00	35.68 1.50 0.00	31.75 1.37 0.00
MID__OSWEGATCHIE_HYD 23849	24.98 -0.80 0.00	22.55 -0.79 0.00	21.05 -0.79 0.00	20.20 -0.69 0.00	20.20 -0.65 0.00	20.76 -0.73 0.00	22.93 -0.83 0.00	25.20 -1.16 0.00	28.34 -1.34 0.00	30.99 -1.39 0.00	32.35 -1.56 0.00	33.94 -1.60 0.00	34.70 -1.71 0.00	38.95 -1.88 0.00	39.88 -1.28 0.00	42.84 -1.51 0.00	46.28 -1.83 0.00	45.02 -1.39 0.00	47.34 -1.11 0.00	43.53 -0.48 0.00	40.86 -0.45 0.00	37.72 -0.54 0.00	33.43 -0.75 0.00	29.68 -0.70 0.00
MID__RAQUETTE_HYD 23851	24.70 -1.08 0.00	22.29 -1.05 0.00	20.79 -1.05 0.00	19.95 -0.94 0.00	20.02 -0.83 0.00	20.50 -0.99 0.00	22.57 -1.19 0.00	25.07 -1.29 0.00	28.25 -1.42 0.00	30.92 -1.46 0.00	32.35 -1.56 0.00	33.87 -1.67 0.00	34.67 -1.75 0.00	38.91 -1.92 0.00	39.42 -1.73 0.00	42.36 -2.00 0.00	45.51 -2.60 0.00	44.23 -2.18 0.00	46.13 -2.33 0.00	42.57 -1.45 0.00	40.07 -1.24 0.00	36.95 -1.30 0.00	32.85 -1.33 0.00	29.17 -1.22 0.00
MILLIKEN__1 23584	26.40 0.62 0.00	23.86 0.51 0.00	22.27 0.44 0.00	21.27 0.38 0.00	21.16 0.31 0.00	21.94 0.45 0.00	24.42 0.67 0.00	27.07 0.71 0.00	30.39 0.71 0.00	33.09 0.71 0.00	34.69 0.78 0.00	36.39 0.85 0.00	37.25 0.84 0.00	41.78 0.94 -0.01	42.82 0.91 -0.76	46.80 1.02 -1.43	52.78 1.88 -2.80	53.92 1.95 -5.56	54.66 2.28 -3.93	47.43 1.89 -1.52	43.88 1.61 -0.95	39.63 1.38 0.00	35.20 1.03 0.00	31.32 0.94 0.00
MILLIKEN__2 23585	26.40 0.62 0.00	23.86 0.51 0.00	22.27 0.44 0.00	21.27 0.38 0.00	21.16 0.31 0.00	21.94 0.45 0.00	24.42 0.67 0.00	27.07 0.71 0.00	30.39 0.71 0.00	33.09 0.71 0.00	34.69 0.78 0.00	36.39 0.85 0.00	37.25 0.84 0.00	41.78 0.94 -0.01	42.82 0.91 -0.76	46.80 1.02 -1.43	52.78 1.88 -2.80	53.92 1.95 -5.56	54.66 2.28 -3.93	47.43 1.89 -1.52	43.88 1.61 -0.95	39.63 1.38 0.00	35.20 1.03 0.00	31.32 0.94 0.00
MILLIKEN__DIESEL 23629	26.40 0.62 0.00	23.86 0.51 0.00	22.27 0.44 0.00	21.27 0.38 0.00	21.16 0.31 0.00	21.94 0.45 0.00	24.42 0.67 0.00	27.07 0.71 0.00	30.39 0.71 0.00	33.09 0.71 0.00	34.69 0.78 0.00	36.39 0.85 0.00	37.25 0.84 0.00	41.78 0.94 -0.01	42.82 0.91 -0.76	46.80 1.02 -1.43	52.78 1.88 -2.80	53.92 1.95 -5.56	54.66 2.28 -3.93	47.43 1.89 -1.52	43.88 1.61 -0.95	39.63 1.38 0.00	35.20 1.03 0.00	31.32 0.94 0.00
MILLSEAT__LFGE 323607	25.86 0.08 0.00	23.32 -0.02 0.00	21.64 -0.20 0.00	20.66 -0.23 0.00	20.41 -0.44 0.00	21.25 -0.24 0.00	23.88 0.12 0.00	26.01 -0.34 0.00	29.26 -0.42 0.00	31.96 -0.42 0.00	33.37 -0.54 0.00	35.01 -0.53 0.00	35.51 -0.91 0.00	39.49 -1.35 0.00	40.42 -1.23 -0.50	43.48 -1.82 -0.95	49.43 -0.53 -1.86	49.83 -0.28 -3.70	51.84 0.77 -2.61	44.50 -0.53 -1.01	41.57 -0.37 -0.63	37.84 -0.42 0.00	34.21 0.03 0.00	30.78 0.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.74 1.96 0.00	25.07 1.73 0.00	23.45 1.62 0.00	22.40 1.50 0.00	22.25 1.40 0.00	23.02 1.53 0.00	25.49 1.73 0.00	28.49 2.13 0.00	32.11 2.43 0.00	35.00 2.62 0.00	36.59 2.68 0.00	38.31 2.77 0.00	40.18 3.02 -0.74	44.25 3.39 -0.04	48.36 3.46 -3.75	56.21 3.95 -7.91	76.72 4.57 -24.04	79.16 4.22 -28.52	72.32 4.22 -19.65	54.39 2.86 -7.51	48.46 2.44 -4.71	40.74 2.49 0.00	36.61 2.43 0.00	32.36 1.97 0.00

MILLWOOD_13_KV_LOAD 356217	27.82 2.04 0.00	25.12 1.77 0.00	23.52 1.68 0.00	22.46 1.57 0.00	22.27 1.42 0.00	23.06 1.57 0.00	25.54 1.78 0.00	28.57 2.21 0.00	32.20 2.52 0.00	35.10 2.72 0.00	36.72 2.81 0.00	38.53 2.99 0.00	40.40 3.24 -0.74	44.54 3.67 -0.04	48.65 3.74 -3.75	56.52 4.26 -7.91	77.01 4.86 -24.04	79.48 4.55 -28.52	72.66 4.55 -19.65	54.69 3.17 -7.51	48.75 2.73 -4.71	40.93 2.68 0.00	36.74 2.56 0.00	32.48 2.10 0.00
MODEL_CITY_ENERGY 24167	25.16 -0.62 0.00	22.71 -0.63 0.00	21.07 -0.76 0.00	20.14 -0.75 0.00	19.83 -1.02 0.00	20.63 -0.86 0.00	23.19 -0.57 0.00	25.14 -1.21 0.00	28.26 -1.42 0.00	30.86 -1.52 0.00	32.25 -1.66 0.00	33.80 -1.74 0.00	34.27 -2.15 0.00	37.98 -2.86 -0.01	38.93 -2.76 -0.53	41.81 -3.55 -1.01	47.67 -2.40 -1.97	48.11 -2.23 -3.92	50.06 -1.16 -2.77	42.80 -2.29 -1.07	39.96 -2.02 -0.67	36.38 -1.87 0.00	33.02 -1.16 0.00	29.84 -0.55 0.00
MODERN_LFGE_ 323580	25.16 -0.62 0.00	22.71 -0.63 0.00	21.07 -0.76 0.00	20.14 -0.75 0.00	19.83 -1.02 0.00	20.63 -0.86 0.00	23.19 -0.57 0.00	25.14 -1.21 0.00	28.26 -1.42 0.00	30.86 -1.52 0.00	32.25 -1.66 0.00	33.80 -1.74 0.00	34.27 -2.15 0.00	37.98 -2.86 -0.01	38.93 -2.76 -0.53	41.81 -3.55 -1.01	47.67 -2.40 -1.97	48.11 -2.23 -3.92	50.06 -1.16 -2.77	42.80 -2.29 -1.07	39.96 -2.02 -0.67	36.38 -1.87 0.00	33.02 -1.16 0.00	29.84 -0.55 0.00
MOHAWK_PAPER___DRP 24187	27.10 1.31 0.00	24.63 1.28 0.00	23.03 1.20 0.00	22.00 1.11 0.00	21.89 1.04 0.00	22.67 1.18 0.00	25.02 1.26 0.00	27.78 1.42 0.00	31.28 1.60 0.00	34.07 1.68 0.00	35.67 1.76 0.00	37.46 1.92 0.00	38.54 1.97 -0.16	43.25 2.33 -0.09	53.13 2.35 -9.63	65.26 2.53 -18.38	86.97 2.89 -35.98	118.97 2.74 -69.82	101.33 2.91 -49.98	65.77 2.46 -19.29	55.70 2.27 -12.11	40.36 2.10 0.00	36.09 1.91 0.00	32.05 1.67 0.00
MOHICAN___35_KV_115KV_LD 80490	27.38 1.60 0.00	24.88 1.54 0.00	23.27 1.44 0.00	22.21 1.32 0.00	22.12 1.27 0.00	22.93 1.44 0.00	25.37 1.62 0.00	28.23 1.87 0.00	31.76 2.08 0.00	34.62 2.23 0.00	36.32 2.41 0.00	38.17 2.63 0.00	39.34 2.77 -0.15	44.50 3.55 -0.11	56.79 3.58 -12.06	71.17 3.86 -22.96	97.46 4.47 -44.88	138.38 4.36 -87.61	115.68 4.65 -62.58	72.35 4.18 -24.15	60.37 3.88 -15.17	41.70 3.44 0.00	36.91 2.73 0.00	32.75 2.37 0.00
MONGAUP___HYD 23641	27.54 1.75 0.00	24.70 1.35 0.00	23.10 1.27 0.00	22.04 1.15 0.00	21.93 1.08 0.00	22.65 1.16 0.00	25.18 1.43 0.00	27.91 1.55 0.00	31.22 1.54 0.00	33.97 1.59 0.00	35.54 1.63 0.00	37.21 1.67 0.00	37.73 1.86 0.55	42.98 2.12 -0.03	46.56 2.06 -3.35	52.24 2.17 -5.72	59.47 2.50 -8.86	73.77 2.37 -25.00	68.13 2.47 -17.21	52.53 1.81 -6.71	47.43 1.90 -4.21	40.24 1.99 0.00	35.96 1.78 0.00	31.81 1.43 0.00
MONTAUK___DIESEL 23721	36.55 4.51 -6.26	31.84 3.95 -4.55	26.81 3.69 -1.29	24.38 3.47 -0.02	25.67 3.38 -1.44	25.48 3.57 -0.42	27.86 4.09 -0.02	34.89 4.82 -3.71	37.36 5.67 -2.01	39.08 6.41 -0.29	46.03 6.54 -5.57	49.39 7.00 -6.85	59.55 7.32 -15.81	60.65 8.17 -11.65	117.59 8.15 -68.28	130.24 9.27 -76.62	191.72 10.53 -133.08	184.23 9.84 -127.98	208.71 10.13 -150.13	129.38 7.97 -77.39	114.07 6.82 -65.94	53.67 6.73 -8.68	44.77 6.22 -4.37	41.44 5.16 -5.89
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.86 0.08 0.00	23.37 0.02 0.00	21.75 -0.09 0.00	20.66 -0.23 0.00	20.45 -0.40 0.00	21.45 -0.04 0.00	24.16 0.40 0.00	26.46 0.11 0.00	29.98 0.30 0.00	32.77 0.39 0.00	34.21 0.31 0.00	35.72 0.18 0.00	36.27 -0.15 0.00	40.43 -0.41 -0.01	41.08 -0.70 -0.63	44.82 -0.71 -1.18	51.09 0.67 -2.31	51.75 0.74 -4.59	53.44 1.74 -3.25	45.80 0.53 -1.25	42.51 0.41 -0.79	38.71 0.46 0.00	34.76 0.58 0.00	31.38 1.00 0.00
MORTIMER_115KV_TB3 55949	25.73 -0.05 0.00	23.30 -0.05 0.00	21.66 -0.17 0.00	20.66 -0.23 0.00	20.52 -0.33 0.00	21.34 -0.15 0.00	23.81 0.05 0.00	26.17 -0.18 0.00	29.44 -0.24 0.00	32.15 -0.23 0.00	33.71 -0.20 0.00	35.36 -0.18 0.00	36.05 -0.36 0.00	40.30 -0.53 0.00	40.74 -0.82 -0.41	44.25 -0.89 -0.78	49.77 0.14 -1.53	49.73 0.28 -3.04	51.57 0.97 -2.15	44.93 0.09 -0.83	41.79 -0.04 -0.52	38.10 -0.15 0.00	34.11 -0.07 0.00	30.62 0.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.45 1.61 0.00	23.19 1.70 0.00	25.73 1.97 0.00	28.86 2.50 0.00	32.53 2.85 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.74 3.20 0.00	40.48 3.42 -0.64	44.70 3.84 -0.04	48.80 3.87 -3.78	56.64 4.44 -7.85	76.91 5.20 -23.61	79.95 4.83 -28.71	73.02 4.80 -19.77	54.66 3.08 -7.56	48.71 2.64 -4.75	41.09 2.83 0.00	37.08 2.91 0.00	32.72 2.34 0.00
MUNSVILLE_WIND_PWR 323609	27.95 2.17 0.00	25.07 1.73 0.00	23.32 1.49 0.00	22.38 1.48 0.00	22.18 1.34 0.00	23.04 1.55 0.00	25.90 2.14 0.00	28.52 2.16 0.00	31.84 2.17 0.00	34.61 2.23 0.00	36.15 2.24 0.00	38.07 2.52 0.00	38.96 2.55 0.00	43.62 2.78 -0.01	45.72 3.09 -1.48	50.30 3.15 -2.80	58.09 4.52 -5.47	62.16 4.87 -10.88	61.61 5.47 -7.69	52.27 5.28 -2.97	47.84 4.67 -1.86	42.31 4.05 0.00	37.19 3.01 0.00	33.06 2.67 0.00
N SALMON___HYD 24042	25.32 -0.46 0.00	22.90 -0.44 0.00	21.33 -0.50 0.00	20.43 -0.46 0.00	20.47 -0.37 0.00	21.02 -0.47 0.00	23.07 -0.69 0.00	25.67 -0.69 0.00	29.17 -0.50 0.00	31.96 -0.42 0.00	33.37 -0.54 0.00	34.79 -0.75 0.00	35.47 -0.95 0.00	39.85 -0.98 0.00	40.25 -0.91 0.00	43.38 -0.98 0.00	46.85 -1.25 0.00	45.67 -0.74 0.00	47.67 -0.78 0.00	43.80 -0.22 0.00	41.23 -0.08 0.00	37.91 -0.34 0.00	33.80 -0.38 0.00	30.02 -0.36 0.00
N.AKRON___115KV_KNAPP 355671	25.83 0.05 0.00	23.32 -0.02 0.00	21.62 -0.22 0.00	20.64 -0.25 0.00	20.45 -0.40 0.00	21.25 -0.24 0.00	23.90 0.14 0.00	26.01 -0.34 0.00	29.26 -0.42 0.00	31.96 -0.42 0.00	33.43 -0.47 0.00	35.01 -0.53 0.00	35.51 -0.91 0.00	39.57 -1.27 0.00	39.97 -1.69 -0.51	43.45 -1.86 -0.96	49.45 -0.53 -1.87	49.81 -0.32 -3.73	51.86 0.78 -2.63	44.64 -0.40 -1.02	41.58 -0.37 -0.64	37.83 -0.42 0.00	34.01 -0.17 0.00	30.75 0.36 0.00
N.BELMOR_69_KV_BK1 55787	34.80 2.76 -6.26	30.32 2.43 -4.55	25.39 2.27 -1.29	23.04 2.13 -0.02	24.31 2.02 -1.44	24.06 2.15 -0.42	26.25 2.47 -0.02	33.04 2.98 -3.71	35.01 3.32 -2.01	36.27 3.59 -0.29	40.94 3.63 -3.41	43.60 3.80 -4.25	44.55 3.97 -4.16	56.92 4.45 -11.64	52.83 4.53 -7.15	64.99 5.01 -15.63	77.71 5.82 -23.78	80.56 5.43 -28.72	73.66 5.43 -19.78	55.56 3.96 -7.58	49.54 3.47 -4.75	41.93 3.67 0.00	45.22 3.62 -7.42	39.21 2.95 -5.88
N.E._GEN_SANDY PD 24062	27.20 1.42 0.00	24.72 1.38 0.00	23.14 1.31 0.00	22.10 1.21 0.00	22.04 1.19 0.00	22.78 1.38 0.00	25.14 1.55 0.00	27.91 1.72 0.00	31.40 1.72 0.00	34.13 1.75 0.00	35.84 1.93 0.00	37.53 1.99 0.00	38.81 2.15 -0.25	43.29 2.41 -0.05	49.00 2.34 -5.50	57.60 2.57 -10.68	68.43 2.84 -17.49	83.22 2.64 -34.16	77.82 2.71 -26.66	59.10 2.11 -12.97	50.18 1.94 -6.92	41.10 1.91 -0.93	34.95 1.71 0.93	31.93 1.55 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.67 1.88 0.00	25.02 1.68 0.00	23.41 1.57 0.00	22.33 1.44 0.00	22.18 1.33 0.00	22.95 1.46 0.00	25.42 1.66 0.00	28.36 2.00 0.00	31.93 2.26 0.00	34.81 2.43 0.00	36.42 2.51 0.00	38.10 2.56 0.00	38.19 2.77 0.99	44.01 3.14 -0.03	47.92 3.17 -3.60	53.73 3.68 -5.70	57.81 4.28 -5.43	77.14 3.94 -26.78	70.76 3.92 -18.38	53.78 2.55 -7.21	48.03 2.19 -4.53	40.51 2.26 0.00	36.40 2.22 0.00	32.14 1.76 0.00
N.QUEENS_27_KV_LOAD 356247	28.32 2.53 -0.01	25.52 2.17 -0.01	23.87 2.03 -0.01	22.84 1.94 0.00	22.67 1.81 -0.01	23.34 1.85 0.00	25.71 1.95 0.00	29.11 2.74 -0.01	32.74 3.06 -0.01	35.60 3.21 -0.01	37.27 3.36 0.00	38.92 3.38 0.00	40.70 3.64 -0.64	44.95 4.08 -0.04	49.09 4.16 -3.79	56.96 4.75 -7.86	77.40 5.68 -23.62	80.42 5.29 -28.72	73.32 5.09 -19.78	54.79 3.21 -7.56	48.58 2.52 -4.74	41.20 2.95 0.00	37.26 3.08 -0.01	33.03 2.64 -0.01
N.TROY___115KV_TB1 355778	27.07 1.29 0.00	24.60 1.26 0.00	23.01 1.18 0.00	21.98 1.09 0.00	21.89 1.04 0.00	22.67 1.18 0.00	25.02 1.26 0.00	27.78 1.42 0.00	31.25 1.57 0.00	34.00 1.62 0.00	35.67 1.76 0.00	37.43 1.88 0.00	38.58 2.00 -0.16	43.26 2.33 -0.10	54.12 2.26 -10.71	67.21 2.44 -20.42	90.62 2.74 -39.77	126.45 2.60 -77.44	106.78 2.76 -55.57	67.80 2.33 -21.45	56.97 2.19 -13.47	40.28 2.03 0.00	35.96 1.78 0.00	31.96 1.58 0.00
NARROWS_GT1_1 24228	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT1_2 24229	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT1_3 24230	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT1_4 24231	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT1_5 24232	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT1_6 24233	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT1_7 24234	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT1_8 24235	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT2_1 24236	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT2_2 24237	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT2_3 24238	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT2_4 24239	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00

NARROWS_GT2_5 24240	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT2_6 24241	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT2_7 24242	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NARROWS_GT2_8 24243	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	48.55 3.62 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.48 1.70 0.00	24.95 1.61 0.00	23.34 1.51 0.00	22.23 1.34 0.00	22.08 1.23 0.00	22.89 1.40 0.00	25.23 1.47 0.00	27.81 1.45 0.00	31.28 1.60 0.00	33.97 1.59 0.00	35.44 1.53 0.00	37.25 1.71 0.00	38.25 1.71 -0.12	42.57 1.67 -0.06	49.33 1.60 -6.57	58.68 1.77 -12.56	75.00 2.07 -24.83	88.80 2.04 -40.34	81.66 2.23 -30.98	59.25 2.07 -13.17	51.48 1.90 -8.27	40.24 1.99 0.00	36.26 2.08 0.00	32.23 1.85 0.00
NCHELSEA_115KV_TR2 355582	27.87 2.09 0.00	25.16 1.82 0.00	23.56 1.72 0.00	22.46 1.57 0.00	22.27 1.42 0.00	23.06 1.57 0.00	25.52 1.76 0.00	28.39 2.03 0.00	31.99 2.31 0.00	34.81 2.43 0.00	36.49 2.58 0.00	38.24 2.70 0.00	39.51 3.02 -0.07	44.30 3.43 -0.04	48.43 3.46 -3.82	55.59 3.95 -7.29	67.91 4.62 -15.19	79.34 4.32 -28.61	72.62 4.36 -19.81	54.79 3.13 -7.65	48.80 2.69 -4.80	40.97 2.72 0.00	36.71 2.53 0.00	32.45 2.07 0.00
NEG CAPITAL___MECHNVIL 23645	27.46 1.67 0.00	24.93 1.59 0.00	23.34 1.51 0.00	22.27 1.38 0.00	22.20 1.35 0.00	22.97 1.48 0.00	25.40 1.64 0.00	28.23 1.87 0.00	31.76 2.08 0.00	34.58 2.20 0.00	36.28 2.37 0.00	38.10 2.56 0.00	39.31 2.73 -0.16	44.25 3.31 -0.11	56.15 3.33 -11.67	70.16 3.59 -22.22	95.56 4.09 -43.37	135.02 3.99 -84.62	113.19 4.21 -60.53	71.03 3.65 -23.36	59.37 3.39 -14.67	41.35 3.10 0.00	36.71 2.53 0.00	32.66 2.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.40 -0.39 0.00	22.97 -0.37 0.00	21.37 -0.46 0.00	20.39 -0.50 0.00	20.29 -0.56 0.00	21.08 -0.41 0.00	23.50 -0.26 0.00	25.93 -0.42 0.00	29.20 -0.48 0.00	31.90 -0.48 0.00	33.43 -0.47 0.00	35.19 -0.36 0.00	35.91 -0.51 0.00	40.14 -0.69 0.00	40.89 -0.66 -0.40	44.22 -0.89 -0.76	49.63 0.05 -1.48	49.54 0.19 -2.94	51.16 0.63 -2.08	44.64 -0.18 -0.80	41.61 -0.21 -0.50	37.91 -0.34 0.00	33.94 -0.24 0.00	30.29 -0.09 0.00
NEG CENTRAL___DRP 24199	25.96 0.18 0.00	23.46 0.12 0.00	21.86 0.02 0.00	20.87 -0.02 0.00	20.77 -0.08 0.00	21.58 0.09 0.00	24.04 0.29 0.00	26.62 0.26 0.00	29.98 0.30 0.00	32.67 0.29 0.00	34.25 0.34 0.00	35.86 0.32 0.00	36.71 0.29 0.00	41.12 0.29 0.00	41.80 0.21 -0.45	45.46 0.27 -0.84	50.90 1.15 -1.64	50.89 1.21 -3.27	52.31 1.55 -2.31	45.88 0.97 -0.89	42.62 0.74 -0.56	38.79 0.54 0.00	34.62 0.44 0.00	30.90 0.52 0.00
NEG CENTRAL___INDECK 23768	26.66 0.88 0.00	24.02 0.68 0.00	22.29 0.46 0.00	21.27 0.38 0.00	21.12 0.27 0.00	22.01 0.51 0.00	24.66 0.90 0.00	26.96 0.61 0.00	30.13 0.45 0.00	32.74 0.36 0.00	32.89 -1.02 0.00	34.44 -1.10 0.00	35.11 -1.31 0.00	39.20 -1.63 -0.01	40.45 -1.32 -0.62	43.92 -1.59 -1.17	49.95 -0.43 -2.28	51.08 0.14 -4.53	53.10 1.45 -3.20	45.87 0.62 -1.24	42.79 0.70 -0.78	38.72 0.46 0.00	34.62 0.44 0.00	31.96 1.58 0.00
NEG CENTRAL___SENECA 23627	26.09 0.31 0.00	23.53 0.19 0.00	21.90 0.07 0.00	20.89 0.00 0.00	20.77 -0.08 0.00	21.62 0.13 0.00	24.19 0.43 0.00	26.75 0.40 0.00	30.09 0.42 0.00	32.80 0.42 0.00	34.35 0.44 0.00	35.90 0.36 0.00	36.71 0.29 0.00	41.12 0.29 0.00	41.82 0.16 -0.50	45.53 0.22 -0.95	51.31 1.35 -1.86	51.50 1.39 -3.70	52.95 1.89 -2.61	46.22 1.19 -1.01	42.85 0.91 -0.63	38.91 0.65 0.00	34.79 0.62 0.00	31.11 0.73 0.00
NEG CENTRAL___STATE_STREET 24147	26.04 0.26 0.00	23.74 0.40 0.00	22.16 0.33 0.00	21.16 0.27 0.00	21.06 0.21 0.00	21.86 0.37 0.00	24.09 0.33 0.00	26.75 0.40 0.00	30.12 0.45 0.00	32.83 0.45 0.00	34.49 0.58 0.00	36.22 0.68 0.00	37.04 0.62 0.00	41.57 0.73 0.00	42.29 0.70 -0.44	46.02 0.84 -0.83	51.26 1.54 -1.61	51.20 1.58 -3.21	52.51 1.79 -2.27	46.26 1.36 -0.88	42.94 1.07 -0.55	39.10 0.84 0.00	34.79 0.62 0.00	30.90 0.52 0.00
NEG MILLWOOD___DRP 24198	27.92 2.14 0.00	25.23 1.89 0.00	23.60 1.77 0.00	22.52 1.63 0.00	22.31 1.46 0.00	23.10 1.61 0.00	25.59 1.83 0.00	28.60 2.24 0.00	32.23 2.55 0.00	35.13 2.75 0.00	36.83 2.92 0.00	38.74 3.20 0.00	40.24 3.57 -0.26	44.99 4.12 -0.04	49.24 4.24 -3.85	56.61 4.70 -7.56	70.33 5.34 -16.89	80.52 5.11 -29.00	73.63 5.14 -20.04	55.56 3.83 -7.71	49.46 3.30 -4.84	41.32 3.06 0.00	36.91 2.73 0.00	32.66 2.28 0.00
NEG NORTH_FLCN_SEA 23793	25.63 -0.15 0.00	23.23 -0.12 0.00	21.64 -0.20 0.00	20.73 -0.17 0.00	20.81 -0.04 0.00	21.32 -0.17 0.00	23.35 -0.40 0.00	26.30 -0.05 0.00	29.92 0.24 0.00	32.80 0.42 0.00	34.18 0.27 0.00	35.58 0.04 0.00	36.27 -0.15 0.00	40.71 -0.12 0.00	41.15 0.00 0.00	44.31 -0.04 0.00	48.01 -0.10 0.00	46.97 0.56 0.00	48.98 0.53 0.00	44.85 0.84 0.00	42.30 0.99 0.00	38.83 0.57 0.00	34.69 0.51 0.00	30.84 0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	25.37 -0.41 0.00	22.99 -0.35 0.00	21.42 -0.41 0.00	20.52 -0.38 0.00	20.60 -0.25 0.00	21.08 -0.41 0.00	23.12 -0.64 0.00	25.83 -0.53 0.00	29.29 -0.39 0.00	32.06 -0.32 0.00	33.43 -0.47 0.00	34.83 -0.71 0.00	35.54 -0.87 0.00	39.89 -0.94 0.00	40.29 -0.86 0.00	43.42 -0.93 0.00	46.85 -1.25 0.00	45.72 -0.70 0.00	47.72 -0.73 0.00	43.84 -0.18 0.00	41.31 0.00 0.00	38.03 -0.23 0.00	33.94 -0.24 0.00	30.14 -0.24 0.00

NEG NORTH___ALICE_FALLS 23915	25.58 -0.21 0.00	23.18 -0.16 0.00	21.59 -0.24 0.00	20.66 -0.23 0.00	20.75 -0.10 0.00	21.25 -0.24 0.00	23.28 -0.48 0.00	26.20 -0.16 0.00	29.77 0.09 0.00	32.61 0.23 0.00	34.01 0.10 0.00	35.40 -0.14 0.00	36.09 -0.33 0.00	40.50 -0.33 0.00	40.95 -0.21 0.00	44.08 -0.27 0.00	47.82 -0.29 0.00	46.83 0.42 0.00	48.84 0.39 0.00	44.72 0.70 0.00	42.18 0.87 0.00	38.71 0.46 0.00	34.56 0.38 0.00	30.69 0.30 0.00
NEG NORTH___LWR_SARANAC 23913	25.58 -0.21 0.00	23.18 -0.16 0.00	21.59 -0.24 0.00	20.66 -0.23 0.00	20.75 -0.10 0.00	21.25 -0.24 0.00	23.28 -0.48 0.00	26.20 -0.16 0.00	29.77 0.09 0.00	32.61 0.23 0.00	34.01 0.10 0.00	35.40 -0.14 0.00	36.09 -0.33 0.00	40.50 -0.33 0.00	40.95 -0.21 0.00	44.08 -0.27 0.00	47.82 -0.29 0.00	46.83 0.42 0.00	48.84 0.39 0.00	44.72 0.70 0.00	42.18 0.87 0.00	38.71 0.46 0.00	34.56 0.38 0.00	30.69 0.30 0.00
NEG NORTH___PLATTSBURG 23628	25.58 -0.21 0.00	23.18 -0.16 0.00	21.59 -0.24 0.00	20.66 -0.23 0.00	20.70 -0.14 0.00	21.25 -0.24 0.00	23.28 -0.47 0.00	26.12 -0.24 0.00	29.77 0.09 0.00	32.61 0.23 0.00	34.01 0.10 0.00	35.40 -0.14 0.00	36.09 -0.33 0.00	40.55 -0.28 0.00	40.95 -0.20 0.00	44.09 -0.26 0.00	47.87 -0.24 0.00	46.83 0.42 0.00	48.84 0.39 0.00	44.77 0.75 0.00	42.18 0.87 0.00	38.72 0.46 0.00	34.56 0.38 0.00	30.69 0.30 0.00
NEG WEST_LEA_LOCKPORT 23791	25.40 -0.39 0.00	22.92 -0.42 0.00	21.27 -0.57 0.00	20.31 -0.58 0.00	20.08 -0.77 0.00	20.87 -0.62 0.00	23.43 -0.33 0.00	25.43 -0.92 0.00	28.61 -1.07 0.00	31.25 -1.13 0.00	32.72 -1.19 0.00	34.23 -1.32 0.00	34.70 -1.71 0.00	38.59 -2.25 -0.01	39.00 -2.67 -0.53	42.38 -2.97 -1.00	48.32 -1.73 -1.95	48.70 -1.58 -3.87	50.70 -0.48 -2.74	43.53 -1.54 -1.06	40.49 -1.49 -0.66	36.84 -1.42 0.00	33.22 -0.96 0.00	30.14 -0.24 0.00
NEG WEST___LANCASTR 23811	25.47 -0.31 0.00	22.97 -0.37 0.00	21.29 -0.55 0.00	20.27 -0.63 0.00	20.06 -0.79 0.00	20.95 -0.54 0.00	23.52 -0.24 0.00	25.54 -0.82 0.00	28.79 -0.89 0.00	31.44 -0.94 0.00	32.96 -0.95 0.00	34.48 -1.07 0.00	35.00 -1.42 0.00	38.96 -1.88 -0.01	39.65 -2.14 -0.63	43.20 -2.35 -1.20	49.24 -1.20 -2.34	49.90 -1.16 -4.65	51.40 -0.34 -3.28	44.01 -1.28 -1.27	40.79 -1.32 -0.80	37.03 -1.22 0.00	33.33 -0.85 0.00	30.26 -0.12 0.00
NEG_PENN_ALLEGHNY 23528	26.25 0.46 0.00	23.69 0.35 0.00	22.12 0.28 0.00	21.12 0.23 0.00	21.02 0.17 0.00	21.79 0.30 0.00	24.21 0.45 0.00	26.80 0.45 0.00	30.15 0.47 0.00	32.90 0.52 0.00	34.45 0.54 0.00	36.15 0.60 0.00	37.00 0.58 0.00	41.41 0.57 -0.01	43.03 0.62 -1.25	47.34 0.62 -2.37	54.08 1.35 -4.63	56.92 1.30 -9.21	56.51 1.55 -6.51	47.54 1.01 -2.51	43.76 0.87 -1.58	38.98 0.73 0.00	34.83 0.65 0.00	31.02 0.64 0.00
NEG___GEN_MONROE 24207	25.71 -0.08 0.00	23.23 -0.12 0.00	21.62 -0.22 0.00	20.64 -0.25 0.00	20.47 -0.38 0.00	21.30 -0.19 0.00	23.78 0.02 0.00	26.07 -0.29 0.00	29.38 -0.30 0.00	32.03 -0.36 0.00	33.57 -0.34 0.00	35.19 -0.36 0.00	35.91 -0.51 0.00	40.06 -0.78 0.00	40.46 -1.11 -0.42	43.90 -1.24 -0.79	49.55 -0.10 -1.54	49.44 -0.05 -3.07	51.35 0.73 -2.17	44.68 -0.18 -0.84	41.47 -0.37 -0.53	37.87 -0.38 0.00	33.97 -0.21 0.00	30.59 0.21 0.00
NEPA___ENERGY 23901	25.73 -0.05 0.00	23.27 -0.07 0.00	21.57 -0.26 0.00	20.52 -0.38 0.00	20.31 -0.54 0.00	21.25 -0.24 0.00	23.81 0.05 0.00	25.99 -0.37 0.00	29.26 -0.42 0.00	31.99 -0.39 0.00	33.54 -0.37 0.00	35.04 -0.50 0.00	35.58 -0.84 0.00	39.69 -1.14 -0.01	40.39 -1.40 -0.64	44.01 -1.55 -1.21	50.17 -0.29 -2.36	50.78 -0.32 -4.69	52.35 0.58 -3.31	44.77 -0.53 -1.28	41.54 -0.58 -0.80	37.72 -0.54 0.00	33.91 -0.27 0.00	30.62 0.24 0.00
NEVERSINK___HYD 23608	27.66 1.88 0.00	24.84 1.50 0.00	23.23 1.40 0.00	22.17 1.27 0.00	22.02 1.17 0.00	22.76 1.27 0.00	25.26 1.50 0.00	28.02 1.66 0.00	31.58 1.90 0.00	34.36 1.98 0.00	35.94 2.03 0.00	37.67 2.13 0.00	38.79 2.48 0.10	43.64 2.78 -0.03	47.36 2.76 -3.45	54.12 3.37 -6.40	64.52 4.09 -12.33	75.12 3.90 -24.81	69.97 4.02 -17.50	53.78 2.86 -6.90	48.08 2.44 -4.34	40.78 2.52 0.00	36.33 2.15 0.00	32.11 1.73 0.00
NEWKRMKL_115KV_TB1 55635	26.71 0.93 0.00	24.25 0.91 0.00	22.71 0.87 0.00	21.69 0.79 0.00	21.60 0.75 0.00	22.35 0.86 0.00	24.66 0.90 0.00	27.38 1.03 0.00	30.84 1.16 0.00	33.61 1.23 0.00	35.16 1.25 0.00	36.93 1.39 0.00	37.89 1.31 -0.16	42.47 1.55 -0.08	51.60 1.56 -8.88	62.96 1.64 -16.96	83.24 1.88 -33.26	112.52 1.72 -64.39	96.34 1.79 -46.10	63.21 1.41 -17.79	53.76 1.28 -11.17	39.52 1.26 0.00	35.44 1.26 0.00	31.51 1.12 0.00
NEWTON___FALLS_HYD 23847	24.98 -0.80 0.00	22.55 -0.79 0.00	21.05 -0.79 0.00	20.20 -0.69 0.00	20.20 -0.65 0.00	20.76 -0.73 0.00	22.93 -0.83 0.00	25.20 -1.16 0.00	28.34 -1.34 0.00	30.99 -1.39 0.00	32.35 -1.56 0.00	33.94 -1.60 0.00	34.70 -1.71 0.00	38.95 -1.88 0.00	39.88 -1.28 0.00	42.84 -1.51 0.00	46.28 -1.83 0.00	45.02 -1.39 0.00	47.34 -1.11 0.00	43.53 -0.48 0.00	40.86 -0.45 0.00	37.72 -0.54 0.00	33.43 -0.75 0.00	29.68 -0.70 0.00
NGRID_A1_DSASP 323792	24.83 -0.95 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.06 0.00	19.85 -1.00 0.00	20.59 -0.90 0.00	22.90 -0.85 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.91 -2.00 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.53 -3.31 -0.01	38.48 -3.21 -0.54	41.38 -3.99 -1.02	47.11 -2.98 -1.99	47.58 -2.78 -3.95	49.50 -1.74 -2.79	42.37 -2.73 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.64 -1.54 0.00	29.53 -0.85 0.00
NGRID_A2_DSASP 323793	24.83 -0.95 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.06 0.00	19.85 -1.00 0.00	20.59 -0.90 0.00	22.90 -0.85 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.91 -2.00 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.53 -3.31 -0.01	38.48 -3.21 -0.54	41.38 -3.99 -1.02	47.11 -2.98 -1.99	47.58 -2.78 -3.95	49.50 -1.74 -2.79	42.37 -2.73 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.64 -1.54 0.00	29.53 -0.85 0.00
NGRID_A4_DSASP 323807	24.80 -0.98 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.07 0.00	19.62 -1.23 0.00	20.59 -0.90 0.00	22.90 -0.86 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.98 -1.93 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.61 -3.23 -0.01	38.03 -3.66 -0.54	41.38 -3.99 -1.02	47.16 -2.93 -1.99	47.53 -2.83 -3.95	49.50 -1.74 -2.79	42.50 -2.60 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.44 -1.74 0.00	29.47 -0.91 0.00
NIAGARA_115E_LBMP 323715	25.03 -0.75 0.00	22.60 -0.75 0.00	20.96 -0.87 0.00	20.04 -0.86 0.00	19.70 -1.15 0.00	20.50 -0.99 0.00	23.05 -0.71 0.00	24.96 -1.40 0.00	28.05 -1.63 0.00	30.63 -1.75 0.00	32.01 -1.90 0.00	33.55 -1.99 0.00	34.01 -2.40 0.00	37.69 -3.14 -0.01	38.65 -3.04 -0.54	41.47 -3.90 -1.02	47.36 -2.74 -1.99	47.78 -2.60 -3.96	49.70 -1.55 -2.80	42.46 -2.64 -1.08	39.68 -2.31 -0.68	36.11 -2.14 0.00	32.78 -1.40 0.00	29.62 -0.76 0.00

NIAGARA_115W_LBMP 323714	24.75 -1.03 0.00	22.34 -1.00 0.00	20.72 -1.11 0.00	19.76 -1.13 0.00	19.81 -1.04 0.00	20.55 -0.95 0.00	22.86 -0.90 0.00	24.80 -1.56 0.00	27.90 -1.78 0.00	30.41 -1.98 0.00	31.81 -2.10 0.00	33.34 -2.20 0.00	33.79 -2.62 0.00	37.45 -3.39 -0.01	38.40 -3.29 -0.54	41.29 -4.08 -1.02	46.96 -3.13 -1.98	47.43 -2.92 -3.95	49.35 -1.89 -2.79	42.23 -2.86 -1.08	39.39 -2.60 -0.68	35.85 -2.41 0.00	32.54 -1.64 0.00	29.44 -0.94 0.00
NIAGARA_230_LBMP 323716	25.09 -0.69 0.00	22.64 -0.70 0.00	21.00 -0.83 0.00	20.06 -0.84 0.00	19.89 -0.96 0.00	20.70 -0.79 0.00	23.17 -0.59 0.00	25.17 -1.19 0.00	28.28 -1.39 0.00	30.86 -1.52 0.00	32.28 -1.63 0.00	33.80 -1.74 0.00	34.30 -2.11 0.00	38.02 -2.82 0.00	38.96 -2.72 -0.53	41.94 -3.41 -1.00	47.75 -2.31 -1.95	48.16 -2.13 -3.88	50.08 -1.11 -2.74	42.83 -2.24 -1.06	39.95 -2.02 -0.67	36.38 -1.87 0.00	32.98 -1.20 0.00	29.84 -0.55 0.00
NIAGARA__115KV_198_GIBSON 55903	24.73 -1.06 0.00	22.34 -1.00 0.00	20.72 -1.11 0.00	19.76 -1.13 0.00	19.56 -1.29 0.00	20.54 -0.95 0.00	22.86 -0.90 0.00	24.80 -1.56 0.00	27.90 -1.78 0.00	30.44 -1.94 0.00	31.87 -2.03 0.00	33.34 -2.20 0.00	33.79 -2.62 0.00	37.53 -3.31 -0.01	37.95 -3.74 -0.54	41.29 -4.08 -1.02	47.01 -3.08 -1.98	47.39 -2.97 -3.95	49.35 -1.89 -2.79	42.41 -2.69 -1.08	39.39 -2.60 -0.68	35.85 -2.41 0.00	32.33 -1.85 0.00	29.38 -1.00 0.00
NIAGARA____ 23760	24.86 -0.93 0.00	22.43 -0.91 0.00	20.81 -1.03 0.00	19.87 -1.02 0.00	19.72 -1.13 0.00	20.52 -0.97 0.00	22.93 -0.83 0.00	24.96 -1.40 0.00	28.08 -1.60 0.00	30.63 -1.75 0.00	32.04 -1.86 0.00	33.55 -1.99 0.00	34.05 -2.37 0.00	37.73 -3.10 -0.01	38.68 -3.00 -0.53	41.59 -3.77 -1.01	47.39 -2.69 -1.97	47.83 -2.51 -3.93	49.77 -1.45 -2.78	42.54 -2.55 -1.07	39.71 -2.27 -0.67	36.11 -2.14 0.00	32.75 -1.43 0.00	29.53 -0.85 0.00
NINE_MILE_1 23575	25.06 -0.72 0.00	22.69 -0.65 0.00	21.22 -0.61 0.00	20.31 -0.58 0.00	20.22 -0.62 0.00	20.89 -0.60 0.00	23.14 -0.62 0.00	25.65 -0.71 0.00	28.85 -0.83 0.00	31.44 -0.94 0.00	32.96 -0.95 0.00	34.58 -0.96 0.00	35.40 -1.02 0.00	39.64 -1.19 0.00	39.96 -1.19 0.00	43.02 -1.33 0.00	47.00 -1.10 0.00	45.39 -1.02 0.00	47.43 -1.02 0.00	42.92 -1.10 0.00	40.24 -1.07 0.00	37.22 -1.03 0.00	33.26 -0.92 0.00	29.59 -0.79 0.00
NINE_MILE_2 23744	25.06 -0.72 0.00	22.69 -0.65 0.00	21.22 -0.61 0.00	20.31 -0.58 0.00	20.22 -0.62 0.00	20.89 -0.60 0.00	23.14 -0.62 0.00	25.65 -0.71 0.00	28.85 -0.83 0.00	31.44 -0.94 0.00	32.96 -0.95 0.00	34.58 -0.96 0.00	35.40 -1.02 0.00	39.64 -1.19 0.00	39.96 -1.19 0.00	43.02 -1.33 0.00	47.00 -1.10 0.00	45.39 -1.02 0.00	47.43 -1.02 0.00	42.92 -1.10 0.00	40.24 -1.07 0.00	37.22 -1.03 0.00	33.26 -0.92 0.00	29.59 -0.79 0.00
NM_CAPITAL____DRP 24208	26.76 0.98 0.00	24.32 0.98 0.00	22.79 0.96 0.00	21.75 0.86 0.00	21.66 0.81 0.00	22.41 0.92 0.00	24.71 0.95 0.00	27.44 1.08 0.00	30.90 1.22 0.00	33.64 1.26 0.00	35.23 1.32 0.00	36.96 1.42 0.00	38.00 1.42 -0.16	42.55 1.63 -0.08	51.59 1.65 -8.79	62.87 1.73 -16.79	82.95 1.97 -32.87	111.84 1.81 -63.62	95.95 1.89 -45.61	63.11 1.50 -17.60	53.73 1.36 -11.05	39.59 1.34 0.00	35.51 1.33 0.00	31.57 1.18 0.00
NM_CENTRAL____DRP 24181	25.63 -0.15 0.00	23.16 -0.19 0.00	21.66 -0.17 0.00	20.70 -0.19 0.00	20.60 -0.25 0.00	21.32 -0.17 0.00	23.66 -0.10 0.00	26.20 -0.16 0.00	29.47 -0.21 0.00	32.15 -0.23 0.00	33.74 -0.17 0.00	35.40 -0.14 0.00	36.27 -0.15 0.00	40.67 -0.16 0.00	40.95 -0.21 0.00	44.13 -0.22 0.00	48.35 0.24 0.00	46.64 0.23 0.00	48.79 0.34 0.00	44.06 0.04 0.00	41.27 -0.04 0.00	38.14 -0.11 0.00	33.97 -0.21 0.00	30.26 -0.12 0.00
NM_FRONTIER____DRP 24179	24.73 -1.06 0.00	22.34 -1.00 0.00	20.72 -1.11 0.00	19.76 -1.13 0.00	19.56 -1.29 0.00	20.54 -0.95 0.00	22.86 -0.90 0.00	24.80 -1.56 0.00	27.90 -1.78 0.00	30.44 -1.94 0.00	31.87 -2.03 0.00	33.34 -2.20 0.00	33.79 -2.62 0.00	37.53 -3.31 -0.01	37.95 -3.74 -0.54	41.29 -4.08 -1.02	47.01 -3.08 -1.98	47.39 -2.97 -3.95	49.35 -1.89 -2.79	42.41 -2.69 -1.08	39.39 -2.60 -0.68	35.85 -2.41 0.00	32.33 -1.85 0.00	29.38 -1.00 0.00
NM_ST_REGIS____HYD 24053	24.83 -0.95 0.00	22.43 -0.91 0.00	20.92 -0.92 0.00	20.06 -0.84 0.00	20.14 -0.71 0.00	20.63 -0.86 0.00	22.69 -1.07 0.00	25.22 -1.13 0.00	28.49 -1.19 0.00	31.18 -1.20 0.00	32.59 -1.32 0.00	34.08 -1.46 0.00	34.85 -1.57 0.00	39.12 -1.71 0.00	39.63 -1.52 0.00	42.58 -1.77 0.00	45.80 -2.31 0.00	44.55 -1.86 0.00	46.51 -1.94 0.00	42.83 -1.19 0.00	40.36 -0.95 0.00	37.18 -1.07 0.00	33.09 -1.09 0.00	29.35 -1.03 0.00
NORTHPORT____1 23551	34.54 2.50 -6.26	30.16 2.26 -4.55	25.31 2.18 -1.29	22.96 2.05 -0.02	24.27 1.98 -1.44	23.99 2.08 -0.42	26.15 2.38 -0.02	32.94 2.87 -3.71	34.90 3.21 -2.01	35.94 3.27 -0.29	39.91 3.22 -2.78	42.64 3.06 -4.04	40.54 3.35 -0.78	41.01 3.55 3.38	40.40 3.38 4.13	43.37 4.13 5.11	49.98 4.81 2.93	61.34 4.46 -10.47	61.69 4.36 -8.88	47.13 2.99 -0.12	43.13 2.48 0.66	40.14 2.76 0.87	39.38 2.90 -2.29	38.71 2.46 -5.87
NORTHPORT____2 23552	34.54 2.50 -6.26	30.16 2.26 -4.55	25.31 2.18 -1.29	22.96 2.05 -0.02	24.27 1.98 -1.44	23.99 2.08 -0.42	26.15 2.38 -0.02	32.94 2.87 -3.71	34.90 3.21 -2.01	35.94 3.27 -0.29	39.91 3.22 -2.78	42.64 3.06 -4.04	40.54 3.35 -0.78	41.01 3.55 3.38	40.40 3.38 4.13	43.37 4.13 5.11	49.98 4.81 2.93	56.71 4.46 -5.84	57.28 4.36 -4.46	47.13 2.99 -0.12	43.13 2.48 0.66	40.14 2.76 0.87	39.38 2.90 -2.29	38.71 2.46 -5.87
NORTHPORT____3 23553	34.70 2.66 -6.26	30.25 2.36 -4.55	25.33 2.20 -1.29	22.98 2.07 -0.02	24.31 2.02 -1.44	24.02 2.11 -0.42	26.17 2.40 -0.02	32.96 2.90 -3.71	34.90 3.21 -2.01	36.04 3.37 -0.29	39.74 2.85 -2.98	42.83 3.16 -4.13	41.41 3.17 -1.83	41.01 3.55 3.37	40.39 3.38 4.14	43.36 4.13 5.11	49.93 4.76 2.94	56.66 4.41 -5.84	57.22 4.31 -4.46	47.03 2.90 -0.11	43.08 2.44 0.66	40.01 2.64 0.88	39.43 2.90 -2.35	38.57 2.31 -5.88
NORTHPORT____4 23650	34.70 2.66 -6.26	30.25 2.36 -4.55	25.33 2.20 -1.29	22.98 2.07 -0.02	24.31 2.02 -1.44	24.02 2.11 -0.42	26.17 2.40 -0.02	32.96 2.90 -3.71	34.90 3.21 -2.01	36.04 3.37 -0.29	39.74 2.85 -2.98	42.83 3.16 -4.13	41.41 3.17 -1.83	41.01 3.55 3.37	40.39 3.38 4.14	43.36 4.13 5.11	49.93 4.76 2.94	56.66 4.41 -5.84	57.22 4.31 -4.46	47.03 2.90 -0.11	43.08 2.44 0.66	40.01 2.64 0.88	39.43 2.90 -2.35	38.57 2.31 -5.88
NORTHPORT____IC 23718	34.54 2.50 -6.26	30.16 2.26 -4.55	25.31 2.18 -1.29	22.96 2.05 -0.02	24.27 1.98 -1.44	23.99 2.08 -0.42	26.15 2.38 -0.02	32.94 2.87 -3.71	34.90 3.21 -2.01	35.94 3.27 -0.29	39.91 3.22 -2.78	42.64 3.06 -4.04	40.54 3.35 -0.78	41.01 3.55 3.38	40.40 3.38 4.13	43.37 4.13 5.11	49.98 4.81 2.93	56.71 4.46 -5.84	57.28 4.36 -4.46	47.13 2.99 -0.12	43.13 2.48 0.66	40.14 2.76 0.87	39.38 2.90 -2.29	38.71 2.46 -5.87

NORTH__COUNTRY_ESR 323785	25.32 -0.46 0.00	22.92 -0.42 0.00	21.37 -0.46 0.00	20.47 -0.42 0.00	20.49 -0.35 0.00	21.04 -0.45 0.00	23.07 -0.69 0.00	25.72 -0.63 0.00	29.26 -0.42 0.00	32.03 -0.36 0.00	33.40 -0.51 0.00	34.83 -0.71 0.00	35.51 -0.91 0.00	39.89 -0.94 0.00	40.21 -0.94 0.00	43.38 -0.98 0.00	46.85 -1.25 0.00	45.62 -0.79 0.00	47.63 -0.82 0.00	43.76 -0.26 0.00	41.23 -0.08 0.00	37.91 -0.34 0.00	33.87 -0.31 0.00	30.08 -0.30 0.00
NPX_GEN_1385_PROXY 323591	33.97 1.93 -6.26	29.62 1.73 -4.55	25.00 1.88 -1.29	22.71 1.80 -0.02	24.00 1.71 -1.44	23.76 1.85 -0.42	26.01 2.23 -0.02	32.70 2.64 -3.71	34.72 3.03 -2.01	35.62 2.95 -0.29	39.33 2.65 -2.78	42.04 2.45 -4.04	40.00 2.80 -0.78	40.07 2.62 3.38	40.11 3.09 4.13	44.30 5.05 5.11	50.99 5.82 2.93	61.51 5.47 -9.62	60.00 5.43 -6.12	50.00 3.92 -2.07	44.00 3.34 0.66	40.88 2.56 -0.06	38.03 2.49 -1.36	38.10 1.85 -5.87
NPX_GEN_CSC 323557	34.93 2.89 -6.26	30.44 2.54 -4.55	25.57 2.44 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.23 2.32 -0.42	26.51 2.73 -0.02	33.31 3.24 -3.71	35.34 3.65 -2.01	36.75 4.08 -0.29	43.27 3.80 -5.56	46.30 3.91 -6.85	56.33 4.15 -15.77	57.09 4.61 -11.65	113.78 4.45 -68.19	126.19 5.32 -76.52	187.17 6.16 -132.91	238.56 5.75 -186.39	201.95 5.76 -147.74	127.47 4.23 -79.23	110.74 3.59 -65.84	51.61 3.75 -9.60	42.76 3.69 -4.88	39.30 3.01 -5.91
NSINS_S_GLNS_FALLS 23858	27.38 1.60 0.00	24.86 1.52 0.00	23.25 1.42 0.00	22.19 1.30 0.00	22.10 1.25 0.00	22.91 1.42 0.00	25.35 1.59 0.00	28.18 1.82 0.00	31.73 2.05 0.00	34.58 2.20 0.00	36.28 2.37 0.00	38.17 2.63 0.00	39.34 2.77 -0.15	44.50 3.55 -0.11	56.84 3.58 -12.11	71.26 3.86 -23.05	97.67 4.52 -45.05	138.77 4.41 -87.95	115.91 4.65 -62.81	72.40 4.14 -24.24	60.42 3.88 -15.23	41.70 3.44 0.00	36.88 2.70 0.00	32.75 2.37 0.00
NUCOR_STEEL__DRP 24197	26.09 0.31 0.00	23.62 0.28 0.00	22.05 0.22 0.00	21.06 0.17 0.00	20.95 0.10 0.00	21.75 0.26 0.00	24.14 0.38 0.00	26.78 0.42 0.00	30.15 0.47 0.00	32.83 0.45 0.00	34.45 0.54 0.00	36.22 0.68 0.00	37.04 0.62 0.00	41.53 0.69 0.00	42.23 0.66 -0.42	45.93 0.80 -0.78	51.08 1.44 -1.53	50.94 1.49 -3.05	52.30 1.70 -2.15	46.17 1.32 -0.83	42.87 1.03 -0.52	39.10 0.84 0.00	34.83 0.65 0.00	30.96 0.58 0.00
NUMBER_THREE_WT_PWR 323818	25.60 -0.18 0.00	23.09 -0.26 0.00	21.55 -0.28 0.00	20.66 -0.23 0.00	20.60 -0.25 0.00	21.25 -0.24 0.00	23.59 -0.17 0.00	25.54 -0.82 0.00	28.70 -0.98 0.00	31.31 -1.07 0.00	32.62 -1.29 0.00	34.30 -1.24 0.00	35.11 -1.31 0.00	39.36 -1.47 0.00	40.91 -0.25 0.00	43.91 -0.44 0.00	47.77 -0.33 0.00	46.36 -0.05 0.00	49.18 0.73 0.00	45.12 1.10 0.00	42.26 0.95 0.00	39.02 0.76 0.00	34.52 0.34 0.00	30.65 0.27 0.00
NYISO_LBMP_REFERENCE 24008	25.78 0.00 0.00	23.34 0.00 0.00	21.83 0.00 0.00	20.89 0.00 0.00	20.85 0.00 0.00	21.49 0.00 0.00	23.76 0.00 0.00	26.36 0.00 0.00	29.68 0.00 0.00	32.38 0.00 0.00	33.91 0.00 0.00	35.54 0.00 0.00	36.42 0.00 0.00	40.83 0.00 0.00	41.15 0.00 0.00	44.35 0.00 0.00	48.10 0.00 0.00	46.41 0.00 0.00	48.45 0.00 0.00	44.02 0.00 0.00	41.31 0.00 0.00	38.26 0.00 0.00	34.18 0.00 0.00	30.38 0.00 0.00
NYPA_BRENTWD__GT 24164	35.06 3.02 -6.26	30.58 2.68 -4.55	25.65 2.53 -1.29	23.29 2.38 -0.02	24.62 2.33 -1.44	24.34 2.43 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.46 3.77 -2.01	36.69 4.01 -0.29	48.67 4.00 -10.76	47.03 3.91 -7.58	84.29 4.22 -43.65	56.85 4.37 -11.64	65.23 4.20 -19.88	77.68 5.01 -28.32	100.45 5.82 -46.53	107.54 5.43 -55.70	98.22 5.43 -44.34	70.05 3.92 -22.11	62.14 3.34 -17.49	43.70 3.64 -1.81	44.67 3.76 -6.73	39.60 3.22 -6.00
NYPA_GOWANUS__GT5 24156	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.87 4.00 -0.04	48.51 3.58 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NYPA_GOWANUS__GT6 24157	28.34 2.55 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.68 1.84 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.14 -0.01	39.95 3.47 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.87 4.00 -0.04	48.51 3.58 -3.78	77.92 4.79 -28.78	98.55 5.63 -44.82	80.41 5.24 -28.76	74.83 5.13 -21.25	54.65 3.08 -7.56	48.70 2.65 -4.74	41.37 3.06 -0.06	37.57 3.28 -0.11	32.99 2.61 0.00
NYPA_HARLEM_RVR_GT1 24160	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.77 1.88 0.00	22.67 1.81 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.65 2.97 -0.01	35.50 3.11 -0.01	37.17 3.26 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.11 3.17 -3.78	56.78 4.57 -7.86	77.16 5.43 -23.62	80.22 5.11 -28.70	73.17 4.94 -19.78	54.61 3.03 -7.56	48.41 2.35 -4.74	41.01 2.76 0.00	37.13 2.94 -0.01	32.94 2.55 -0.01
NYPA_HARLEM_RVR_GT2 24161	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.77 1.88 0.00	22.67 1.81 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.65 2.97 -0.01	35.50 3.11 -0.01	37.17 3.26 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.11 3.17 -3.78	56.78 4.57 -7.86	77.16 5.43 -23.62	80.22 5.11 -28.70	73.17 4.94 -19.78	54.61 3.03 -7.56	48.41 2.35 -4.74	41.01 2.76 0.00	37.13 2.94 -0.01	32.94 2.55 -0.01
NYPA_KENT__GT 24152	28.26 2.48 0.00	25.45 2.10 0.00	23.78 1.94 0.00	22.75 1.86 0.00	22.64 1.79 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.11 2.74 -0.01	32.77 3.09 -0.01	38.39 3.37 -2.64	37.30 3.39 0.00	39.02 3.45 -0.03	40.73 3.68 -0.64	44.83 3.96 -0.04	48.47 3.54 -3.78	68.84 4.66 -19.83	89.29 5.43 -35.75	80.21 5.06 -28.73	73.88 4.99 -20.44	54.57 2.99 -7.56	48.62 2.56 -4.74	41.23 2.95 -0.03	37.43 3.18 -0.07	32.93 2.55 0.00
NYPA_POUCH1__GT 24155	28.29 2.50 -0.01	25.49 2.15 0.00	23.80 1.97 0.00	22.77 1.88 0.00	22.66 1.81 0.00	23.21 1.72 0.00	25.69 1.92 0.00	29.06 2.69 -0.02	32.75 3.06 -0.02	42.25 3.37 -6.50	37.99 3.36 -0.73	40.30 3.45 -1.31	42.58 3.61 -2.55	41.54 3.84 3.13	51.72 3.46 -7.11	90.91 4.66 -41.90	111.67 5.48 -58.08	84.25 5.11 -32.73	82.96 5.04 -29.47	47.05 2.95 -0.08	43.55 2.52 0.28	39.61 2.95 1.59	38.24 3.18 -0.88	32.94 2.55 0.00
NYPA_VERNON__GT2 24162	28.18 2.40 0.00	25.40 2.05 0.00	23.73 1.90 0.00	22.71 1.82 0.00	22.60 1.75 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.06 2.69 -0.01	32.72 3.03 -0.01	36.82 3.27 -1.17	37.20 3.29 0.00	38.89 3.34 -0.01	40.63 3.57 -0.64	44.79 3.92 -0.04	48.42 3.50 -3.78	59.81 4.57 -10.89	80.13 5.34 -26.69	80.09 4.97 -28.71	73.17 4.84 -19.87	54.52 2.95 -7.56	48.58 2.52 -4.74	41.13 2.87 -0.01	37.24 3.04 -0.02	32.84 2.46 0.00

NYPY_VERNON____GT3 24163	28.18 2.40 0.00	25.40 2.05 0.00	23.73 1.90 0.00	22.71 1.82 0.00	22.60 1.75 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.06 2.69 -0.01	32.72 3.03 -0.01	36.82 3.27 -1.17	37.20 3.29 0.00	38.89 3.34 -0.01	40.63 3.57 -0.64	44.79 3.92 -0.04	48.42 3.50 -3.78	59.81 4.57 -10.89	80.13 5.34 -26.69	80.09 4.97 -28.71	73.17 4.84 -19.87	54.52 2.95 -7.56	48.58 2.52 -4.74	41.13 2.87 -0.01	37.24 3.04 -0.02	32.84 2.46 0.00
NYPY____ASTORIA_CC1 323568	28.15 2.37 0.00	25.37 2.03 0.00	23.71 1.88 0.00	22.69 1.80 0.00	22.58 1.73 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.03 2.66 -0.01	32.65 2.97 -0.01	36.16 3.21 -0.58	37.17 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.30 3.38 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	72.97 4.75 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.01 2.76 0.00	37.20 3.01 -0.01	32.81 2.43 0.00
NYPY____ASTORIA_CC2 323569	28.15 2.37 0.00	25.37 2.03 0.00	23.71 1.88 0.00	22.69 1.80 0.00	22.58 1.73 0.00	23.23 1.74 0.00	25.71 1.95 0.00	29.03 2.66 -0.01	32.65 2.97 -0.01	36.16 3.21 -0.58	37.17 3.26 0.00	38.85 3.31 0.00	40.59 3.53 -0.64	44.70 3.84 -0.04	48.30 3.38 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	72.97 4.75 -19.77	54.39 2.82 -7.56	48.45 2.40 -4.74	41.01 2.76 0.00	37.20 3.01 -0.01	32.81 2.43 0.00
NYPY____HOLTSVILL 23794	34.88 2.84 -6.26	30.42 2.52 -4.55	25.52 2.40 -1.29	23.15 2.24 -0.02	24.48 2.19 -1.44	24.19 2.28 -0.42	26.39 2.61 -0.02	33.23 3.16 -3.71	35.25 3.56 -2.01	36.49 3.82 -0.29	43.15 3.70 -5.54	46.08 3.73 -6.81	56.01 3.93 -15.66	56.77 4.29 -11.65	112.47 4.11 -67.20	124.77 4.88 -75.54	184.93 5.67 -131.15	232.76 5.29 -181.06	200.09 5.23 -146.40	123.91 3.74 -76.15	109.39 3.22 -64.86	50.23 3.44 -8.53	43.46 3.52 -5.76	39.21 2.92 -5.91
NYPY____HELLGATE_GT1 24158	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.77 1.88 0.00	22.67 1.81 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.65 2.97 -0.01	35.50 3.11 -0.01	37.17 3.26 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.11 3.17 -3.78	56.78 4.57 -7.86	77.16 5.43 -23.62	80.22 5.11 -28.70	73.17 4.94 -19.78	54.61 3.03 -7.56	48.41 2.35 -4.74	41.01 2.76 0.00	37.13 2.94 -0.01	32.94 2.55 -0.01
NYPY____HELLGATE_GT2 24159	28.27 2.48 -0.01	25.48 2.12 -0.01	23.83 1.99 -0.01	22.77 1.88 0.00	22.67 1.81 -0.01	23.30 1.81 0.00	25.66 1.90 0.00	29.05 2.69 -0.01	32.65 2.97 -0.01	35.50 3.11 -0.01	37.17 3.26 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.11 3.17 -3.78	56.78 4.57 -7.86	77.16 5.43 -23.62	80.22 5.11 -28.70	73.17 4.94 -19.78	54.61 3.03 -7.56	48.41 2.35 -4.74	41.01 2.76 0.00	37.13 2.94 -0.01	32.94 2.55 -0.01
NYS_BARGE____HYD 23848	25.45 -0.34 0.00	22.95 -0.40 0.00	21.27 -0.57 0.00	20.33 -0.56 0.00	20.06 -0.79 0.00	20.87 -0.62 0.00	23.45 -0.31 0.00	25.46 -0.90 0.00	28.64 -1.04 0.00	31.28 -1.10 0.00	32.69 -1.22 0.00	34.26 -1.28 0.00	34.71 -1.71 0.00	38.51 -2.33 0.00	39.45 -2.22 -0.52	42.41 -2.93 -0.99	48.30 -1.73 -1.93	48.72 -1.53 -3.84	50.68 -0.48 -2.71	43.39 -1.67 -1.05	40.52 -1.45 -0.66	36.88 -1.38 0.00	33.46 -0.72 0.00	30.20 -0.18 0.00
OAK ORCHARD____HYD 24046	25.76 -0.03 0.00	23.30 -0.05 0.00	21.66 -0.18 0.00	20.66 -0.23 0.00	20.56 -0.29 0.00	21.36 -0.13 0.00	23.81 0.05 0.00	26.17 -0.18 0.00	29.44 -0.24 0.00	32.16 -0.23 0.00	33.64 -0.27 0.00	35.37 -0.18 0.00	36.05 -0.36 0.00	40.26 -0.57 0.00	41.03 -0.54 -0.41	44.25 -0.89 -0.78	49.78 0.14 -1.53	49.73 0.28 -3.04	51.57 0.97 -2.15	44.85 0.00 -0.83	41.79 -0.04 -0.52	38.10 -0.15 0.00	34.25 0.07 0.00	30.65 0.27 0.00
OAKDALE__35_KV_LOAD 356122	26.09 0.31 0.00	23.58 0.23 0.00	22.01 0.17 0.00	21.02 0.13 0.00	20.89 0.04 0.00	21.66 0.17 0.00	24.09 0.33 0.00	26.62 0.26 0.00	29.98 0.30 0.00	32.67 0.29 0.00	34.25 0.34 0.00	35.90 0.36 0.00	36.74 0.33 0.00	41.17 0.33 -0.01	42.71 0.29 -1.27	47.01 0.27 -2.40	53.74 0.96 -4.68	56.65 0.93 -9.31	56.19 1.16 -6.58	47.22 0.66 -2.54	43.44 0.54 -1.60	38.71 0.46 0.00	34.56 0.38 0.00	30.84 0.46 0.00
OCC_CHEM____DRP 24175	24.80 -0.98 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.07 0.00	19.62 -1.23 0.00	20.59 -0.90 0.00	22.90 -0.86 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.98 -1.93 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.61 -3.23 -0.01	38.03 -3.66 -0.54	41.38 -3.99 -1.02	47.16 -2.93 -1.99	47.53 -2.83 -3.95	49.50 -2.79 -2.79	42.50 -2.60 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.44 -1.74 0.00	29.47 -0.91 0.00
OH_GEN_PROXY 24063	25.11 -0.67 0.00	22.67 -0.68 0.00	21.03 -0.81 0.00	20.06 -0.84 0.00	19.91 -0.94 0.00	20.70 -0.79 0.00	23.19 -0.57 0.00	25.20 -1.16 0.00	28.34 -1.34 0.00	30.89 -1.49 0.00	32.32 -1.59 0.00	33.87 -1.67 0.00	34.34 -2.07 0.00	38.10 -2.74 0.00	39.05 -2.63 -0.53	42.03 -3.33 -1.01	47.90 -2.16 -1.96	48.27 -2.04 -3.90	48.24 -1.02 -0.81	44.92 -2.11 -3.01	40.04 -1.94 -0.67	37.39 -1.80 -0.93	32.12 -1.13 0.93	29.84 -0.55 0.00
OLIN_CORP_DRP 24177	25.04 -0.75 0.00	22.62 -0.72 0.00	20.98 -0.85 0.00	20.06 -0.84 0.00	19.85 -1.00 0.00	20.54 -0.95 0.00	23.09 -0.67 0.00	25.01 -1.34 0.00	28.11 -1.57 0.00	30.70 -1.68 0.00	32.15 -1.76 0.00	33.62 -1.92 0.00	34.09 -2.33 0.00	37.85 -2.98 -0.01	38.28 -3.42 -0.54	41.61 -3.77 -1.03	47.47 -2.65 -2.01	47.90 -2.51 -4.00	49.87 -1.41 -2.83	42.73 -2.38 -1.09	39.77 -2.23 -0.69	36.19 -2.07 0.00	32.61 -1.57 0.00	29.62 -0.76 0.00
OLIN_CORP_DSASP 323712	24.83 -0.95 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.06 0.00	19.85 -1.00 0.00	20.59 -0.90 0.00	22.90 -0.85 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.91 -2.00 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.53 -3.31 -0.01	38.48 -3.21 -0.54	41.38 -3.99 -1.02	47.11 -2.98 -1.99	47.58 -2.78 -3.95	49.50 -1.74 -2.79	42.37 -2.73 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.64 -1.54 0.00	29.53 -0.85 0.00
ONEIDA_HERK_LFGE 323681	26.22 0.44 0.00	23.60 0.26 0.00	22.05 0.22 0.00	21.12 0.23 0.00	21.04 0.19 0.00	21.73 0.24 0.00	24.21 0.45 0.00	27.04 0.68 0.00	30.39 0.71 0.00	33.16 0.78 0.00	34.72 0.81 0.00	36.50 0.96 0.00	37.36 0.95 0.00	41.89 1.06 0.00	41.97 0.82 0.00	45.15 0.80 0.00	49.26 1.15 0.00	47.66 1.25 0.00	49.76 1.31 0.00	45.47 1.45 0.00	42.55 1.24 0.00	39.32 1.07 0.00	34.86 0.68 0.00	30.96 0.58 0.00
ONEIDA____115KV_TB4 55905	26.43 0.64 0.00	23.81 0.47 0.00	22.23 0.39 0.00	21.29 0.40 0.00	21.18 0.33 0.00	21.92 0.43 0.00	24.42 0.67 0.00	27.07 0.71 0.00	30.42 0.74 0.00	33.16 0.78 0.00	34.72 0.81 0.00	36.50 0.96 0.00	37.40 0.98 0.00	41.93 1.10 0.00	42.26 1.11 0.00	45.50 1.15 0.00	49.84 1.73 0.00	48.22 1.81 0.00	50.44 1.99 0.00	45.91 1.89 0.00	42.92 1.61 0.00	39.67 1.42 0.00	35.17 0.99 0.00	31.26 0.88 0.00

ONONDAGA_REF_OCCRA 23987	25.71 -0.08 0.00	23.25 -0.09 0.00	21.72 -0.11 0.00	20.77 -0.13 0.00	20.68 -0.17 0.00	21.40 -0.09 0.00	23.76 0.00 0.00	26.33 -0.03 0.00	29.62 -0.06 0.00	32.32 -0.06 0.00	33.91 0.00 0.00	35.58 0.04 0.00	36.45 0.04 0.00	40.83 0.00 0.00	41.47 -0.04 -0.36	45.03 0.00 -0.68	49.91 0.48 -1.32	49.56 0.51 -2.63	50.94 0.63 -1.86	45.04 0.31 -0.72	41.93 0.17 -0.45	38.37 0.11 0.00	34.15 -0.03 0.00	30.38 0.00 0.00
ONONDAGA___COGEN 23986	25.78 0.00 0.00	23.32 -0.02 0.00	21.79 -0.04 0.00	20.83 -0.06 0.00	20.72 -0.13 0.00	21.45 -0.04 0.00	23.81 0.05 0.00	26.41 0.05 0.00	29.71 0.03 0.00	32.41 0.03 0.00	34.01 0.10 0.00	35.68 0.14 0.00	36.56 0.15 0.00	40.99 0.16 0.00	41.28 0.12 0.00	44.48 0.13 0.00	48.78 0.67 0.00	47.06 0.65 0.00	49.18 0.73 0.00	44.46 0.44 0.00	41.60 0.29 0.00	38.45 0.19 0.00	34.25 0.07 0.00	30.47 0.09 0.00
ONTARIO___LFGE 23819	26.12 0.33 0.00	23.53 0.19 0.00	21.90 0.07 0.00	20.91 0.02 0.00	20.81 -0.04 0.00	21.62 0.13 0.00	24.19 0.43 0.00	26.75 0.40 0.00	30.09 0.42 0.00	32.80 0.42 0.00	34.32 0.41 0.00	35.90 0.36 0.00	36.71 0.29 0.00	41.08 0.25 0.00	41.98 0.33 -0.50	45.53 0.22 -0.95	51.26 1.30 -1.86	51.50 1.39 -3.70	52.90 1.84 -2.61	46.13 1.10 -1.01	42.85 0.91 -0.63	38.90 0.65 0.00	34.83 0.65 0.00	31.14 0.76 0.00
ORANGEVILLE_WT_PWR 323706	25.60 -0.18 0.00	23.09 -0.26 0.00	21.42 -0.42 0.00	20.43 -0.46 0.00	20.29 -0.56 0.00	21.10 -0.39 0.00	23.64 -0.12 0.00	25.86 -0.50 0.00	29.09 -0.59 0.00	31.77 -0.62 0.00	33.16 -0.75 0.00	34.76 -0.78 0.00	35.32 -1.09 0.00	39.28 -1.55 -0.01	40.38 -1.44 -0.67	43.75 -1.86 -1.26	49.93 -0.63 -2.45	50.78 -0.51 -4.88	52.29 0.39 -3.45	44.69 -0.66 -1.33	41.53 -0.62 -0.84	37.64 -0.61 0.00	33.98 -0.20 0.00	30.62 0.24 0.00
ORANGEVILLE___ESR 323794	25.60 -0.18 0.00	23.09 -0.26 0.00	21.42 -0.42 0.00	20.43 -0.46 0.00	20.29 -0.56 0.00	21.10 -0.39 0.00	23.64 -0.12 0.00	25.86 -0.50 0.00	29.09 -0.59 0.00	31.77 -0.62 0.00	33.16 -0.75 0.00	34.76 -0.78 0.00	35.32 -1.09 0.00	39.28 -1.55 -0.01	40.38 -1.44 -0.67	43.75 -1.86 -1.26	49.93 -0.63 -2.45	50.78 -0.51 -4.88	52.29 0.39 -3.45	44.69 -0.66 -1.33	41.53 -0.62 -0.84	37.64 -0.61 0.00	33.98 -0.20 0.00	30.62 0.24 0.00
OSWEGATCHIE___HYD 24044	24.98 -0.80 0.00	22.55 -0.79 0.00	21.05 -0.79 0.00	20.20 -0.69 0.00	20.16 -0.69 0.00	20.76 -0.73 0.00	22.93 -0.83 0.00	25.17 -1.19 0.00	28.34 -1.34 0.00	30.99 -1.39 0.00	32.35 -1.56 0.00	33.94 -1.60 0.00	34.71 -1.71 0.00	38.99 -1.84 0.00	39.88 -1.28 0.00	42.84 -1.51 0.00	46.33 -1.78 0.00	45.02 -1.39 0.00	47.34 -1.11 0.00	43.58 -0.44 0.00	40.86 -0.45 0.00	37.72 -0.54 0.00	33.43 -0.75 0.00	29.68 -0.70 0.00
OSWEGO___5 23606	25.27 -0.52 0.00	22.88 -0.47 0.00	21.37 -0.46 0.00	20.45 -0.44 0.00	20.39 -0.46 0.00	21.06 -0.43 0.00	23.33 -0.43 0.00	25.86 -0.50 0.00	29.09 -0.59 0.00	31.73 -0.65 0.00	33.23 -0.68 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	39.97 -0.86 0.00	40.33 -0.82 0.00	43.38 -0.98 0.00	47.43 -0.67 0.00	45.81 -0.60 0.00	47.87 -0.58 0.00	43.31 -0.71 0.00	40.61 -0.70 0.00	37.53 -0.73 0.00	33.53 -0.65 0.00	29.84 -0.55 0.00
OSWEGO___6 23613	25.27 -0.52 0.00	22.88 -0.47 0.00	21.37 -0.46 0.00	20.45 -0.44 0.00	20.39 -0.46 0.00	21.06 -0.43 0.00	23.33 -0.43 0.00	25.86 -0.50 0.00	29.09 -0.59 0.00	31.73 -0.65 0.00	33.23 -0.68 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	39.97 -0.86 0.00	40.33 -0.82 0.00	43.38 -0.98 0.00	47.43 -0.67 0.00	45.81 -0.60 0.00	47.87 -0.58 0.00	43.31 -0.71 0.00	40.61 -0.70 0.00	37.53 -0.73 0.00	33.53 -0.65 0.00	29.84 -0.55 0.00
OUTOKUMPU-AB___DRP 24206	25.53 -0.26 0.00	23.04 -0.30 0.00	21.35 -0.48 0.00	20.37 -0.52 0.00	20.14 -0.71 0.00	21.04 -0.45 0.00	23.57 -0.19 0.00	25.62 -0.74 0.00	28.85 -0.83 0.00	31.54 -0.84 0.00	33.03 -0.88 0.00	34.55 -1.00 0.00	35.03 -1.38 0.00	38.83 -2.00 -0.01	39.28 -2.43 -0.55	42.73 -2.66 -1.04	48.69 -1.44 -2.03	49.06 -1.39 -4.04	51.02 -0.29 -2.86	43.80 -1.32 -1.10	40.68 -1.32 -0.69	37.03 -1.22 0.00	33.50 -0.68 0.00	30.35 -0.03 0.00
OXBOW___ 24026	25.27 -0.52 0.00	22.78 -0.56 0.00	21.11 -0.72 0.00	20.14 -0.75 0.00	20.08 -0.77 0.00	20.87 -0.62 0.00	23.31 -0.45 0.00	25.33 -1.03 0.00	28.49 -1.19 0.00	31.12 -1.26 0.00	32.55 -1.36 0.00	34.08 -1.46 0.00	34.56 -1.86 0.00	38.26 -2.57 0.00	39.23 -2.47 -0.54	42.19 -3.19 -1.03	48.05 -2.07 -2.01	48.46 -1.95 -4.00	50.41 -0.87 -2.82	43.13 -1.98 -1.09	40.22 -1.78 -0.69	36.61 -1.64 0.00	33.29 -0.89 0.00	30.08 -0.30 0.00
OXY_CHEM_DSASP 323612	24.80 -0.98 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.07 0.00	19.62 -1.23 0.00	20.59 -0.90 0.00	22.90 -0.86 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.98 -1.93 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.61 -3.23 -0.01	38.03 -3.66 -0.54	41.38 -3.99 -1.02	47.16 -2.93 -1.99	47.53 -2.83 -3.95	49.50 -1.74 -2.79	42.50 -2.60 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.44 -1.74 0.00	29.47 -0.91 0.00
OZONE_PARK_ESR 323760	28.36 2.58 0.00	25.54 2.19 0.00	23.86 2.03 0.00	22.81 1.92 0.00	22.66 1.81 0.00	23.40 1.91 0.00	25.99 2.23 0.00	29.20 2.85 0.00	32.88 3.21 0.00	35.88 3.50 0.00	37.44 3.53 0.00	39.17 3.63 0.00	40.95 3.90 -0.64	45.23 4.37 -0.04	49.37 4.44 -3.78	57.31 5.10 -7.85	77.73 6.01 -23.62	80.69 5.57 -28.71	73.85 5.62 -19.77	55.24 3.65 -7.56	49.24 3.18 -4.75	41.58 3.33 0.00	37.56 3.38 0.00	33.09 2.70 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.80 -0.98 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.07 0.00	19.62 -1.23 0.00	20.59 -0.90 0.00	22.90 -0.86 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.98 -1.93 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.61 -3.23 -0.01	38.03 -3.66 -0.54	41.38 -3.99 -1.02	47.16 -2.93 -1.99	47.53 -2.83 -3.95	49.50 -1.74 -2.79	42.50 -2.60 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.44 -1.74 0.00	29.47 -0.91 0.00
PACKARD___115KV_DUPONT_184 80571	24.80 -0.98 0.00	22.41 -0.93 0.00	20.79 -1.05 0.00	19.83 -1.07 0.00	19.62 -1.23 0.00	20.59 -0.90 0.00	22.90 -0.86 0.00	24.88 -1.48 0.00	27.96 -1.72 0.00	30.50 -1.88 0.00	31.98 -1.93 0.00	33.41 -2.13 0.00	33.90 -2.51 0.00	37.61 -3.23 -0.01	38.03 -3.66 -0.54	41.38 -3.99 -1.02	47.16 -2.93 -1.99	47.53 -2.83 -3.95	49.50 -1.74 -2.79	42.50 -2.60 -1.08	39.47 -2.52 -0.68	35.92 -2.33 0.00	32.44 -1.74 0.00	29.47 -0.91 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.27 2.48 -0.01	25.45 2.10 -0.01	23.81 1.97 -0.01	22.75 1.86 0.00	22.61 1.75 -0.01	23.27 1.78 0.00	25.64 1.88 0.00	29.03 2.66 -0.01	32.66 2.97 -0.01	35.47 3.08 -0.01	37.16 3.26 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.89 3.95 -3.79	56.78 4.57 -7.86	77.11 5.39 -23.62	80.09 4.97 -28.71	72.98 4.75 -19.78	54.52 2.95 -7.56	48.41 2.35 -4.74	41.05 2.79 0.00	37.23 3.04 -0.01	32.94 2.55 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.68 2.89 -0.01	25.66 2.31 -0.01	24.03 2.18 -0.01	22.92 2.03 0.00	22.80 1.94 -0.01	23.51 2.02 0.00	26.02 2.26 0.00	29.48 3.11 -0.01	33.16 3.47 -0.01	36.02 3.63 -0.01	37.67 3.76 0.00	39.38 3.84 0.00	41.17 4.12 -0.64	45.40 4.53 -0.04	49.55 4.61 -3.79	57.54 5.32 -7.86	77.98 6.25 -23.62	80.97 5.85 -28.71	73.90 5.67 -19.78	55.18 3.61 -7.56	49.03 2.97 -4.74	41.62 3.37 0.00	37.81 3.62 -0.01	33.43 3.04 -0.01
PATROON__115KV_TB1 80586	26.79 1.01 0.00	24.35 1.00 0.00	22.79 0.96 0.00	21.75 0.86 0.00	21.66 0.81 0.00	22.41 0.92 0.00	24.73 0.97 0.00	27.46 1.11 0.00	30.96 1.28 0.00	33.71 1.33 0.00	35.30 1.39 0.00	37.07 1.53 0.00	38.07 1.49 -0.16	42.67 1.76 -0.09	52.18 1.73 -9.30	63.96 1.86 -17.75	84.99 2.12 -34.77	115.77 1.95 -67.41	98.73 2.03 -48.25	64.26 1.63 -18.62	54.49 1.49 -11.69	39.71 1.45 0.00	35.58 1.40 0.00	31.63 1.25 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.63 -0.15 0.00	23.11 -0.23 0.00	21.42 -0.41 0.00	20.39 -0.50 0.00	20.18 -0.67 0.00	21.06 -0.43 0.00	23.66 -0.10 0.00	25.72 -0.63 0.00	29.00 -0.68 0.00	31.67 -0.71 0.00	33.20 -0.71 0.00	34.76 -0.78 0.00	35.29 -1.13 0.00	39.28 -1.55 -0.01	39.87 -1.89 -0.61	43.46 -2.04 -1.15	49.54 -0.82 -2.25	50.05 -0.84 -4.47	51.71 0.10 -3.16	44.31 -0.92 -1.22	41.09 -0.99 -0.77	37.34 -0.92 0.00	33.60 -0.58 0.00	30.47 0.09 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.92 2.14 0.00	25.23 1.89 0.00	23.60 1.77 0.00	22.52 1.63 0.00	22.31 1.46 0.00	23.10 1.61 0.00	25.59 1.83 0.00	28.60 2.24 0.00	32.23 2.55 0.00	35.13 2.75 0.00	36.83 2.92 0.00	38.74 3.20 0.00	40.24 3.57 -0.26	44.99 4.12 -0.04	49.24 4.24 -3.85	56.61 4.70 -7.56	70.33 5.34 -16.89	80.52 5.11 -29.00	73.63 5.14 -20.04	55.56 3.83 -7.71	49.46 3.30 -4.84	41.32 3.06 0.00	36.91 2.73 0.00	32.66 2.28 0.00
PEEKSKILL____ 23653	27.72 1.93 0.00	25.05 1.70 0.00	23.43 1.59 0.00	22.38 1.48 0.00	22.27 1.42 0.00	22.97 1.48 0.00	25.47 1.71 0.00	28.47 2.11 0.00	32.05 2.38 0.00	34.97 2.59 0.00	36.56 2.65 0.00	38.28 2.74 0.00	40.10 2.95 -0.73	44.21 3.35 -0.03	48.13 3.25 -3.73	56.11 3.90 -7.86	74.20 4.52 -21.58	78.94 4.18 -28.35	72.15 4.17 -19.54	54.30 2.82 -7.46	48.39 2.40 -4.69	40.71 2.45 0.00	36.50 2.33 0.00	32.30 1.92 0.00
PGE MADISON__WINDPWR 24146	27.95 2.17 0.00	25.07 1.73 0.00	23.32 1.49 0.00	22.38 1.48 0.00	22.18 1.34 0.00	23.04 1.55 0.00	25.90 2.14 0.00	28.52 2.16 0.00	31.84 2.17 0.00	34.61 2.23 0.00	36.15 2.24 0.00	38.07 2.52 0.00	38.96 2.55 0.00	43.62 2.78 -0.01	45.72 3.09 -1.48	50.30 3.15 -2.80	58.09 4.52 -5.47	62.16 4.87 -10.88	61.61 5.47 -7.69	52.27 5.28 -2.97	47.84 4.67 -1.86	42.31 4.05 0.00	37.19 3.01 0.00	33.06 2.67 0.00
PIERCEFIELD__HYD 23852	24.70 -1.08 0.00	22.29 -1.05 0.00	20.79 -1.05 0.00	19.95 -0.94 0.00	20.02 -0.83 0.00	20.50 -0.99 0.00	22.57 -1.19 0.00	25.07 -1.29 0.00	28.25 -1.42 0.00	30.92 -1.46 0.00	32.35 -1.56 0.00	33.87 -1.67 0.00	34.67 -1.75 0.00	38.91 -1.92 0.00	39.42 -1.73 0.00	42.36 -2.00 0.00	45.51 -2.60 0.00	44.23 -2.18 0.00	46.13 -2.33 0.00	42.57 -1.45 0.00	40.07 -1.24 0.00	36.95 -1.30 0.00	32.85 -1.33 0.00	29.17 -1.22 0.00
PINELAWN_CC_1 323563	34.93 2.89 -6.26	30.49 2.59 -4.55	25.55 2.42 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.23 2.32 -0.42	26.41 2.64 -0.02	33.25 3.19 -3.71	35.25 3.56 -2.01	36.46 3.79 -0.29	42.15 3.80 -4.45	43.88 3.55 -4.78	49.95 3.79 -9.75	56.43 3.96 -11.64	56.08 3.83 -11.10	68.57 4.66 -19.57	84.37 5.43 -30.84	88.56 5.06 -37.09	80.89 5.04 -27.40	59.67 3.56 -12.09	53.03 3.01 -8.70	42.26 3.44 -0.56	42.42 3.76 -4.49	39.38 3.10 -5.90
PJM_GEN_HTP_PROXY 323702	28.02 2.24 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.48 1.63 0.00	23.17 1.68 0.00	25.75 2.00 0.00	28.89 2.53 0.00	32.53 2.85 0.00	35.46 3.08 0.00	37.03 3.12 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.59 3.66 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.62	79.98 4.87 -28.70	71.07 4.80 -17.82	56.65 3.13 -9.51	48.71 2.65 -4.75	41.98 2.79 -0.93	36.05 2.80 0.93	32.69 2.31 0.00
PJM_GEN_KEystone 24065	26.53 0.75 0.00	23.95 0.61 0.00	22.31 0.48 0.00	21.27 0.38 0.00	21.16 0.31 0.00	21.92 0.43 0.00	24.40 0.64 0.00	26.99 0.63 0.00	30.39 0.71 0.00	33.05 0.75 0.08	34.54 0.75 0.11	36.10 0.75 0.19	36.44 0.69 0.67	41.02 0.65 0.46	43.59 0.66 -1.78	48.52 0.80 -3.37	55.45 1.59 -5.76	64.32 1.44 -16.47	58.81 1.69 -8.66	49.98 0.57 -5.39	43.84 0.41 -2.11	39.44 0.50 -0.68	33.82 0.68 1.04	31.08 0.70 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.49 2.45 -6.26	30.04 2.15 -4.55	25.15 2.03 -1.29	22.81 1.90 -0.02	24.13 1.84 -1.44	23.82 1.91 -0.42	25.98 2.21 -0.02	32.75 2.69 -3.71	34.69 3.00 -2.01	35.88 3.21 -0.29	40.43 3.12 -3.41	43.03 3.23 -4.25	44.04 3.46 -4.16	56.27 3.80 -11.64	51.97 3.66 -7.15	64.37 4.39 -15.63	76.93 5.05 -23.78	79.81 4.69 -28.71	70.93 4.65 -17.83	56.80 3.26 -9.53	48.83 2.77 -4.75	42.13 2.95 -0.93	38.20 3.04 -0.98	38.72 2.46 -5.88
PJM_GEN_VFT_PROXY 323633	27.92 2.14 0.00	25.14 1.80 0.00	23.49 1.66 0.00	22.46 1.57 0.00	22.37 1.52 0.00	23.06 1.57 0.00	25.64 1.88 0.00	28.78 2.42 0.00	32.41 2.73 1.10	34.20 2.92 1.57	35.26 2.92 2.66	35.83 2.95 3.51	36.11 3.21 6.86	37.52 3.55 3.46	41.07 3.38 3.46	48.82 4.22 -0.25	69.06 4.96 -16.00	71.14 4.60 -20.13	54.38 4.51 -1.42	40.01 2.82 6.83	37.44 2.35 6.23	38.17 2.52 2.61	34.32 2.63 2.49	32.54 2.16 0.00
PLATSBRG_115KV_PMLD1 355749	25.60 -0.18 0.00	23.23 -0.12 0.00	21.64 -0.20 0.00	20.73 -0.17 0.00	20.79 -0.06 0.00	21.30 -0.19 0.00	23.33 -0.43 0.00	26.30 -0.05 0.00	29.89 0.21 0.00	32.77 0.39 0.00	34.15 0.24 0.00	35.54 0.00 0.00	36.23 -0.18 0.00	40.67 -0.16 0.00	41.11 -0.04 0.00	44.26 -0.09 0.00	47.96 -0.14 0.00	46.92 0.51 0.00	48.94 0.48 0.00	44.85 0.84 0.00	42.26 0.95 0.00	38.83 0.57 0.00	34.66 0.48 0.00	30.81 0.43 0.00
PLEASANTVLY__LBMP 24000	27.48 1.70 0.00	24.86 1.52 0.00	23.30 1.46 0.00	22.25 1.36 0.00	22.10 1.25 0.00	22.87 1.38 0.00	25.30 1.54 0.00	28.20 1.84 0.00	31.76 2.08 0.00	34.62 2.23 0.00	36.22 2.31 0.00	37.92 2.38 0.00	39.33 2.59 -0.32	43.77 2.90 -0.04	48.07 2.92 -3.99	55.54 3.28 -7.91	69.41 3.80 -17.50	80.24 3.53 -30.30	72.79 3.54 -20.80	54.44 2.42 -8.00	48.44 2.11 -5.02	40.40 2.14 0.00	36.26 2.08 0.00	32.11 1.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.82 2.04 0.00	25.14 1.80 0.00	23.52 1.68 0.00	22.46 1.57 0.00	22.31 1.46 0.00	23.08 1.59 0.00	25.56 1.81 0.00	28.62 2.27 0.00	32.23 2.55 0.00	35.13 2.75 0.00	36.76 2.85 0.00	38.49 2.95 0.00	40.13 3.20 -0.51	44.46 3.59 -0.04	48.63 3.66 -3.81	56.29 4.17 -7.77	74.29 4.81 -21.37	79.75 4.41 -28.93	72.88 4.51 -19.92	54.73 3.08 -7.64	48.71 2.60 -4.80	40.93 2.68 0.00	36.78 2.60 0.00	32.51 2.13 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.82 2.04 0.00	25.14 1.80 0.00	23.52 1.68 0.00	22.46 1.57 0.00	22.31 1.46 0.00	23.08 1.59 0.00	25.56 1.81 0.00	28.62 2.27 0.00	32.23 2.55 0.00	35.13 2.75 0.00	36.76 2.85 0.00	38.49 2.95 0.00	40.13 3.20 -0.51	44.46 3.59 -0.04	48.63 3.66 -3.81	56.29 4.17 -7.77	74.29 4.81 -21.37	79.75 4.41 -28.93	72.88 4.51 -19.92	54.73 3.08 -7.64	48.71 2.60 -4.80	40.93 2.68 0.00	36.78 2.60 0.00	32.51 2.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.74 1.96 0.00	25.07 1.73 0.00	23.47 1.64 0.00	22.38 1.48 0.00	22.20 1.36 0.00	22.99 1.50 0.00	25.45 1.69 0.00	28.28 1.92 0.00	31.88 2.20 0.00	34.68 2.30 0.00	36.32 2.41 0.00	38.07 2.52 0.00	39.38 2.80 -0.16	44.05 3.18 -0.04	48.33 3.21 -3.97	55.67 3.64 -7.68	68.13 4.28 -15.74	79.34 3.99 -28.94	73.14 4.07 -20.62	54.87 2.91 -7.95	48.82 2.52 -4.99	40.82 2.56 0.00	36.54 2.36 0.00	32.33 1.94 0.00
POLETTI____ 23519	28.03 2.24 0.00	25.26 1.91 0.00	23.62 1.79 0.00	22.58 1.69 0.00	22.43 1.58 0.00	23.17 1.68 0.00	25.73 1.97 0.00	28.89 2.53 0.00	32.53 2.85 0.00	35.46 3.08 0.00	37.00 3.09 0.00	38.71 3.16 0.00	40.44 3.39 -0.64	44.66 3.80 -0.04	48.80 3.87 -3.78	56.64 4.44 -7.85	76.92 5.20 -23.62	79.95 4.83 -28.71	72.97 4.75 -19.77	54.58 2.99 -7.56	48.62 2.56 -4.75	41.01 2.75 0.00	37.05 2.87 0.00	32.69 2.31 0.00
POMONA____ESR 323819	27.69 1.91 0.00	25.03 1.68 0.00	23.41 1.57 0.00	22.35 1.46 0.00	22.23 1.38 0.00	22.95 1.46 0.00	25.42 1.66 0.00	28.36 2.00 0.00	31.93 2.25 0.00	34.81 2.43 0.00	36.42 2.51 0.00	38.10 2.56 0.00	38.19 2.77 0.99	43.97 3.10 -0.03	47.80 3.05 -3.60	53.73 3.68 -5.70	57.81 4.28 -5.42	77.13 3.94 -26.78	70.71 3.88 -18.38	53.78 2.55 -7.21	48.03 2.19 -4.53	40.51 2.26 0.00	36.33 2.15 0.00	32.14 1.76 0.00
PORT_JEFF_3 23555	34.93 2.89 -6.26	30.49 2.59 -4.55	25.57 2.44 -1.29	23.21 2.30 -0.02	24.54 2.25 -1.44	24.25 2.34 -0.42	26.43 2.66 -0.02	33.28 3.21 -3.71	35.34 3.65 -2.01	36.62 3.95 -0.29	43.20 3.76 -5.53	46.18 3.77 -6.87	55.84 3.86 -15.57	56.65 4.17 -11.65	114.82 3.99 -69.68	126.97 4.61 -78.01	188.97 5.29 -135.57	243.55 4.92 -192.22	207.05 4.89 -153.71	126.47 3.48 -78.98	111.74 3.10 -67.33	50.50 3.37 -8.88	43.62 3.59 -5.85	39.27 2.98 -5.91
PORT_JEFF_4 23616	34.93 2.89 -6.26	30.49 2.59 -4.55	25.57 2.44 -1.29	23.21 2.30 -0.02	24.54 2.25 -1.44	24.25 2.34 -0.42	26.43 2.66 -0.02	33.28 3.21 -3.71	35.34 3.65 -2.01	36.62 3.95 -0.29	43.20 3.76 -5.53	46.18 3.77 -6.87	55.84 3.86 -15.57	56.65 4.17 -11.65	114.82 3.99 -69.68	126.97 4.61 -78.01	188.97 5.29 -135.57	243.55 4.92 -192.22	207.05 4.89 -153.71	126.47 3.48 -78.98	111.74 3.10 -67.33	50.50 3.37 -8.88	43.62 3.59 -5.85	39.27 2.98 -5.91
PORT_JEFF_IC 23713	35.00 2.96 -6.26	30.53 2.64 -4.55	25.63 2.51 -1.29	23.25 2.34 -0.02	24.58 2.29 -1.44	24.29 2.39 -0.42	26.48 2.71 -0.02	33.33 3.27 -3.71	35.40 3.71 -2.01	36.69 4.01 -0.29	43.16 3.86 -5.39	46.53 3.91 -7.08	55.10 3.86 -14.83	56.69 4.21 -11.66	124.07 4.07 -78.85	136.25 4.75 -87.15	205.55 5.48 -151.97	283.54 5.11 -232.02	233.61 5.04 -180.12	137.08 3.61 -89.45	121.00 3.18 -76.51	51.84 3.40 -10.18	44.05 3.73 -6.14	39.36 3.07 -5.91
PPL PILGRIM_ST_GT1 24216	35.06 3.02 -6.26	30.58 2.68 -4.55	25.65 2.53 -1.29	23.29 2.38 -0.02	24.62 2.33 -1.44	24.34 2.43 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.46 3.77 -2.01	36.69 4.01 -0.29	48.67 4.00 -10.76	47.03 3.91 -7.58	84.29 4.22 -43.65	56.85 4.37 -11.64	65.23 4.20 -19.88	77.68 5.01 -28.32	100.45 5.82 -46.53	107.54 5.43 -55.70	98.22 5.43 -44.34	70.05 3.92 -22.11	62.14 3.34 -17.49	43.70 3.64 -1.81	44.67 3.76 -6.73	39.60 3.22 -6.00
PPL PILGRIM_ST_GT2 24217	35.06 3.02 -6.26	30.58 2.68 -4.55	25.65 2.53 -1.29	23.29 2.38 -0.02	24.62 2.33 -1.44	24.34 2.43 -0.42	26.55 2.78 -0.02	33.41 3.35 -3.71	35.46 3.77 -2.01	36.69 4.01 -0.29	48.67 4.00 -10.76	47.03 3.91 -7.58	84.29 4.22 -43.65	56.85 4.37 -11.64	65.23 4.20 -19.88	77.68 5.01 -28.32	100.45 5.82 -46.53	107.54 5.43 -55.70	98.22 5.43 -44.34	70.05 3.92 -22.11	62.14 3.34 -17.49	43.70 3.64 -1.81	44.67 3.76 -6.73	39.60 3.22 -6.00
PPL_SHRM_GT3 24213	34.95 2.91 -6.26	30.44 2.54 -4.55	25.57 2.44 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.25 2.34 -0.42	26.53 2.75 -0.02	33.33 3.27 -3.71	35.37 3.68 -2.01	36.75 4.08 -0.29	43.25 3.80 -5.54	46.36 3.91 -6.91	56.27 4.19 -15.66	57.14 4.65 -11.65	116.45 4.49 -70.81	128.86 5.36 -79.14	191.92 6.21 -137.60	250.82 5.85 -198.56	211.89 5.86 -157.58	128.56 4.27 -80.28	113.46 3.68 -68.47	51.12 3.83 -9.04	43.82 3.73 -5.92	39.33 3.04 -5.91
PPL_SHRM_GT4 24214	34.95 2.91 -6.26	30.44 2.54 -4.55	25.57 2.44 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.25 2.34 -0.42	26.53 2.75 -0.02	33.33 3.27 -3.71	35.37 3.68 -2.01	36.75 4.08 -0.29	43.25 3.80 -5.54	46.36 3.91 -6.91	56.27 4.19 -15.66	57.14 4.65 -11.65	116.45 4.49 -70.81	128.86 5.36 -79.14	191.92 6.21 -137.60	250.82 5.85 -198.56	211.89 5.86 -157.58	128.56 4.27 -80.28	113.46 3.68 -68.47	51.12 3.83 -9.04	43.82 3.73 -5.92	39.33 3.04 -5.91
PROJECT___ORANGE 1 24174	25.63 -0.15 0.00	23.18 -0.16 0.00	21.66 -0.17 0.00	20.73 -0.17 0.00	20.62 -0.23 0.00	21.34 -0.15 0.00	23.69 -0.07 0.00	26.23 -0.13 0.00	29.50 -0.18 0.00	32.19 -0.19 0.00	33.77 -0.14 0.00	35.44 -0.11 0.00	36.31 -0.11 0.00	40.71 -0.12 0.00	40.99 -0.16 0.00	44.17 -0.18 0.00	48.39 0.29 0.00	46.69 0.28 0.00	48.84 0.39 0.00	44.11 0.09 0.00	41.31 0.00 0.00	38.18 -0.08 0.00	34.01 -0.17 0.00	30.29 -0.09 0.00
PROJECT___ORANGE 2 24166	25.63 -0.15 0.00	23.18 -0.16 0.00	21.66 -0.17 0.00	20.73 -0.17 0.00	20.62 -0.23 0.00	21.34 -0.15 0.00	23.69 -0.07 0.00	26.23 -0.13 0.00	29.50 -0.18 0.00	32.19 -0.19 0.00	33.77 -0.14 0.00	35.44 -0.11 0.00	36.31 -0.11 0.00	40.71 -0.12 0.00	40.99 -0.16 0.00	44.17 -0.18 0.00	48.39 0.29 0.00	46.69 0.28 0.00	48.84 0.39 0.00	44.11 0.09 0.00	41.31 0.00 0.00	38.18 -0.08 0.00	34.01 -0.17 0.00	30.29 -0.09 0.00
PUCKETT___SOLAR 323809	26.56 0.77 0.00	23.95 0.61 0.00	22.34 0.50 0.00	21.35 0.46 0.00	21.24 0.40 0.00	22.03 0.54 0.00	24.52 0.76 0.00	27.07 0.71 0.00	30.36 0.68 0.00	33.00 0.61 0.00	34.49 0.58 0.00	36.22 0.67 0.00	37.07 0.66 0.00	41.49 0.65 -0.01	43.31 0.74 -1.41	47.78 0.75 -2.67	54.91 1.59 -5.22	58.55 1.76 -10.38	57.91 2.13 -7.33	48.61 1.76 -2.83	44.66 1.57 -1.78	39.63 1.38 0.00	35.27 1.09 0.00	31.41 1.03 0.00
PYRITES___HYD 24023	25.27 -0.52 0.00	22.74 -0.61 0.00	21.20 -0.63 0.00	20.39 -0.50 0.00	20.43 -0.42 0.00	20.93 -0.56 0.00	23.14 -0.62 0.00	25.70 -0.66 0.00	28.94 -0.74 0.00	31.70 -0.68 0.00	33.13 -0.78 0.00	34.76 -0.78 0.00	35.58 -0.84 0.00	39.93 -0.90 0.00	40.45 -0.70 0.00	43.42 -0.93 0.00	46.66 -1.44 0.00	45.39 -1.02 0.00	47.34 -1.11 0.00	43.80 -0.22 0.00	41.23 -0.08 0.00	37.99 -0.27 0.00	33.67 -0.51 0.00	29.90 -0.49 0.00

QUAKERRD_115KV_BK1 80622	25.11 -0.67 0.00	22.71 -0.63 0.00	21.14 -0.70 0.00	20.18 -0.71 0.00	20.04 -0.81 0.00	20.85 -0.64 0.00	23.24 -0.52 0.00	25.59 -0.76 0.00	28.79 -0.89 0.00	31.44 -0.94 0.00	32.96 -0.95 0.00	34.58 -0.96 0.00	35.29 -1.13 0.00	39.53 -1.31 0.00	39.98 -1.56 -0.39	43.41 -1.69 -0.75	48.69 -0.87 -1.45	48.56 -0.74 -2.89	50.25 -0.24 -2.04	43.93 -0.88 -0.79	40.86 -0.95 -0.50	37.26 -0.99 0.00	33.33 -0.85 0.00	29.83 -0.55 0.00
QUENSBRY_115KV_TB8 356137	27.36 1.57 0.00	24.88 1.54 0.00	23.27 1.44 0.00	22.19 1.30 0.00	22.10 1.25 0.00	22.91 1.42 0.00	25.33 1.57 0.00	28.20 1.84 0.00	31.76 2.08 0.00	34.62 2.23 0.00	36.32 2.41 0.00	38.21 2.67 0.00	39.37 2.80 -0.15	44.58 3.63 -0.11	56.96 3.66 -12.14	71.42 3.95 -23.12	97.92 4.62 -45.20	139.20 4.55 -88.24	116.26 4.80 -63.01	72.61 4.27 -24.32	60.51 3.92 -15.27	41.74 3.48 0.00	36.91 2.73 0.00	32.75 2.37 0.00
RAMAPO___LBMP 323565	27.56 1.78 0.00	24.93 1.59 0.00	23.32 1.48 0.00	22.25 1.36 0.00	22.10 1.25 0.00	22.89 1.40 0.00	25.35 1.59 0.00	28.25 1.90 0.00	31.85 2.17 0.00	34.71 2.33 0.00	36.28 2.37 0.00	37.96 2.42 0.00	38.14 2.62 0.89	43.84 2.98 -0.03	47.78 3.05 -3.59	53.59 3.46 -5.78	59.45 4.09 -7.26	76.82 3.71 -26.69	70.46 3.68 -18.33	53.62 2.42 -7.18	47.89 2.07 -4.51	40.40 2.14 0.00	36.30 2.12 0.00	32.05 1.67 0.00
RANKINE____ 23646	25.63 -0.15 0.00	23.13 -0.21 0.00	21.46 -0.37 0.00	20.45 -0.44 0.00	20.24 -0.60 0.00	21.13 -0.37 0.00	23.69 -0.07 0.00	25.78 -0.58 0.00	29.03 -0.65 0.00	31.73 -0.65 0.00	33.23 -0.68 0.00	34.76 -0.78 0.00	35.29 -1.13 0.00	39.28 -1.55 -0.01	39.81 -1.93 -0.59	43.34 -2.13 -1.12	49.43 -0.87 -2.19	49.98 -0.79 -4.35	51.77 0.24 -3.08	44.37 -0.84 -1.19	41.15 -0.91 -0.75	37.41 -0.84 0.00	33.70 -0.48 0.00	30.53 0.15 0.00
RAVENSWOOD_GT2_1 24244	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.52 1.67 0.00	23.19 1.70 0.00	25.73 1.97 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.06 3.15 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.55 3.62 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	73.02 4.80 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.05 2.79 0.00	37.05 2.87 0.00	32.72 2.34 0.00
RAVENSWOOD_GT2_2 24245	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.52 1.67 0.00	23.19 1.70 0.00	25.73 1.97 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.06 3.15 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.55 3.62 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	73.02 4.80 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.05 2.79 0.00	37.05 2.87 0.00	32.72 2.34 0.00
RAVENSWOOD_GT2_3 24246	28.08 2.29 0.00	25.31 1.96 0.00	23.67 1.83 0.00	22.63 1.73 0.00	22.54 1.69 0.00	23.21 1.72 0.00	25.75 2.00 0.00	28.94 2.58 0.00	32.56 2.88 0.00	35.52 3.14 0.00	37.06 3.15 0.00	38.78 3.23 0.00	40.52 3.46 -0.64	44.75 3.88 -0.04	48.59 3.66 -3.78	56.73 4.53 -7.85	77.01 5.29 -23.61	79.99 4.87 -28.70	73.07 4.84 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.09 2.83 0.00	37.08 2.90 0.00	32.72 2.34 0.00
RAVENSWOOD_GT2_4 24247	28.08 2.29 0.00	25.31 1.96 0.00	23.67 1.83 0.00	22.63 1.73 0.00	22.54 1.69 0.00	23.21 1.72 0.00	25.75 2.00 0.00	28.94 2.58 0.00	32.56 2.88 0.00	35.52 3.14 0.00	37.06 3.15 0.00	38.78 3.23 0.00	40.52 3.46 -0.64	44.75 3.88 -0.04	48.59 3.66 -3.78	56.73 4.53 -7.85	77.01 5.29 -23.61	79.99 4.87 -28.70	73.07 4.84 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.09 2.83 0.00	37.08 2.90 0.00	32.72 2.34 0.00
RAVENSWOOD_GT3_1 24248	28.08 2.29 0.00	25.31 1.96 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.52 1.67 0.00	23.19 1.70 0.00	25.73 1.97 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.06 3.15 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.55 3.62 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	73.02 4.80 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.05 2.79 0.00	37.05 2.87 0.00	32.72 2.34 0.00
RAVENSWOOD_GT3_2 24249	28.08 2.29 0.00	25.31 1.96 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.52 1.67 0.00	23.19 1.70 0.00	25.73 1.97 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.06 3.15 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.55 3.62 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	73.02 4.80 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.05 2.79 0.00	37.05 2.87 0.00	32.72 2.34 0.00
RAVENSWOOD_GT3_3 24250	28.10 2.32 0.00	25.33 1.98 0.00	23.69 1.86 0.00	22.65 1.75 0.00	22.50 1.65 0.00	23.23 1.74 0.00	25.78 2.02 0.00	28.97 2.61 0.00	32.62 2.94 0.00	35.55 3.17 0.00	37.13 3.22 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.92 3.99 -3.78	56.77 4.57 -7.85	77.10 5.39 -23.61	80.09 4.97 -28.71	73.17 4.94 -19.77	54.75 3.17 -7.56	48.79 2.73 -4.75	41.16 2.91 0.00	37.19 3.01 0.00	32.78 2.40 0.00
RAVENSWOOD_GT3_4 24251	28.10 2.32 0.00	25.33 1.98 0.00	23.69 1.85 0.00	22.65 1.76 0.00	22.56 1.71 0.00	23.23 1.74 0.00	25.78 2.02 0.00	28.97 2.61 0.00	32.62 2.94 0.00	35.56 3.18 0.00	37.13 3.22 0.00	38.81 3.27 0.00	40.59 3.53 -0.64	44.79 3.92 -0.04	48.63 3.71 -3.78	56.77 4.57 -7.85	77.05 5.34 -23.61	80.08 4.97 -28.70	73.17 4.94 -19.77	54.75 3.17 -7.56	48.79 2.73 -4.75	41.13 2.87 0.00	37.12 2.94 0.00	32.78 2.40 0.00
RAVENSWOOD_GT_1 23729	28.18 2.40 0.00	25.40 2.05 0.00	23.73 1.90 0.00	22.71 1.82 0.00	22.60 1.75 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.06 2.69 -0.01	32.72 3.03 -0.01	36.82 3.27 -1.17	37.20 3.29 0.00	38.89 3.34 -0.01	40.63 3.57 -0.64	44.79 3.92 -0.04	48.42 3.50 -3.78	59.81 4.57 -10.89	80.13 5.34 -26.69	80.09 4.97 -28.71	73.17 4.84 -19.87	54.52 2.95 -7.56	48.58 2.52 -4.74	41.13 2.87 -0.01	37.24 3.04 -0.02	32.84 2.46 0.00
RAVENSWOOD_GT_10 24258	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.45 1.61 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.89 2.53 0.00	32.56 2.88 0.00	35.43 3.11 0.06	37.03 3.12 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.84 3.91 -3.78	56.69 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.71	73.07 4.85 -19.77	54.66 3.08 -7.56	48.71 2.64 -4.75	41.09 2.83 0.00	37.12 2.94 0.00	32.72 2.34 0.00
RAVENSWOOD_GT_11 24259	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.52 1.67 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.43 3.11 0.06	37.06 3.15 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.55 3.62 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	73.07 4.84 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.05 2.79 0.00	37.05 2.87 0.00	32.72 2.34 0.00

RAVENSWOOD_GT_4 24252	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.45 1.61 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.88 2.53 0.01	32.52 2.85 0.01	35.46 3.08 -0.01	37.03 3.12 0.00	38.75 3.20 -0.01	40.48 3.42 -0.64	44.70 3.84 -0.04	48.84 3.91 -3.78	59.04 4.52 -10.17	79.35 5.29 -25.96	80.00 4.87 -28.71	73.15 4.85 -19.85	54.70 3.13 -7.56	48.74 2.69 -4.75	41.09 2.83 -0.01	37.09 2.91 -0.01	32.72 2.34 0.00
RAVENSWOOD_GT_5 24254	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.45 1.61 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.88 2.53 0.01	32.52 2.85 0.01	35.46 3.08 -0.01	37.03 3.12 0.00	38.75 3.20 -0.01	40.48 3.42 -0.64	44.70 3.84 -0.04	48.84 3.91 -3.78	59.04 4.52 -10.17	79.35 5.29 -25.96	80.00 4.87 -28.71	73.15 4.85 -19.85	54.70 3.13 -7.56	48.74 2.69 -4.75	41.09 2.83 -0.01	37.09 2.91 -0.01	32.72 2.34 0.00
RAVENSWOOD_GT_6 24253	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.45 1.61 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.88 2.53 0.01	32.52 2.85 0.01	35.46 3.08 -0.01	37.03 3.12 0.00	38.75 3.20 -0.01	40.48 3.42 -0.64	44.70 3.84 -0.04	48.84 3.91 -3.78	59.04 4.52 -10.17	79.35 5.29 -25.96	80.00 4.87 -28.71	73.15 4.85 -19.85	54.70 3.13 -7.56	48.74 2.69 -4.75	41.09 2.83 -0.01	37.09 2.91 -0.01	32.72 2.34 0.00
RAVENSWOOD_GT_7 24255	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.45 1.61 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.88 2.53 0.01	32.52 2.85 0.01	35.46 3.08 -0.01	37.03 3.12 0.00	38.75 3.20 -0.01	40.48 3.42 -0.64	44.70 3.84 -0.04	48.84 3.91 -3.78	59.04 4.52 -10.17	79.35 5.29 -25.96	80.00 4.87 -28.71	73.15 4.85 -19.85	54.70 3.13 -7.56	48.74 2.69 -4.75	41.09 2.83 -0.01	37.09 2.91 -0.01	32.72 2.34 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.45 1.61 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.89 2.53 0.00	32.56 2.88 0.00	35.43 3.11 0.06	37.03 3.12 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.84 3.91 -3.78	56.69 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.71	73.07 4.85 -19.77	54.66 3.08 -7.56	48.71 2.64 -4.75	41.09 2.83 0.00	37.12 2.94 0.00	32.72 2.34 0.00
RAVENSWOOD_GT_9 24257	28.05 2.27 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.61 1.71 0.00	22.52 1.67 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.43 3.11 0.06	37.06 3.15 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.55 3.62 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	73.07 4.84 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.05 2.79 0.00	37.05 2.87 0.00	32.72 2.34 0.00
RAVENSWOOD___1 23533	28.15 2.37 0.00	25.37 2.03 0.00	23.71 1.88 0.00	22.69 1.80 0.00	22.58 1.73 0.00	23.23 1.74 0.00	25.73 1.97 0.00	29.03 2.66 -0.01	32.68 3.00 -0.01	36.23 3.27 -0.58	37.17 3.26 0.00	38.88 3.34 0.00	40.63 3.57 -0.64	44.75 3.88 -0.04	48.39 3.46 -3.78	56.73 4.53 -7.85	77.01 5.29 -23.61	80.03 4.92 -28.70	73.02 4.80 -19.77	54.48 2.90 -7.56	48.53 2.48 -4.74	41.09 2.83 0.00	37.23 3.04 -0.01	32.84 2.46 0.00
RAVENSWOOD___2 23534	28.10 2.32 0.00	25.31 1.96 0.00	23.67 1.83 0.00	22.63 1.73 0.00	22.54 1.69 0.00	23.17 1.68 0.00	25.68 1.92 0.00	28.97 2.61 -0.01	32.63 2.94 -0.01	36.13 3.18 -0.57	37.10 3.19 0.00	38.81 3.27 0.00	40.52 3.46 -0.64	44.46 3.59 -0.04	48.02 3.09 -3.78	56.33 4.13 -7.85	76.57 4.86 -23.61	79.61 4.50 -28.70	72.58 4.36 -19.77	54.08 2.51 -7.56	48.24 2.19 -4.74	41.01 2.76 0.00	37.16 2.97 -0.01	32.75 2.37 0.00
RAVENSWOOD___3 23535	28.08 2.29 0.00	25.31 1.96 0.00	23.67 1.83 0.00	22.63 1.73 0.00	22.52 1.67 0.00	23.19 1.70 0.00	25.75 2.00 0.00	28.91 2.56 0.00	32.56 2.88 0.00	35.49 3.11 0.00	37.06 3.15 0.00	38.74 3.20 0.00	40.52 3.46 -0.64	44.70 3.84 -0.04	48.55 3.62 -3.78	56.68 4.48 -7.85	76.96 5.24 -23.61	79.99 4.87 -28.70	73.07 4.84 -19.77	54.66 3.08 -7.56	48.71 2.65 -4.75	41.05 2.79 0.00	37.05 2.87 0.00	32.72 2.34 0.00
RAVENSWOOD___4 23820	28.15 2.37 0.00	25.35 2.01 0.00	23.71 1.88 0.00	22.67 1.77 0.00	22.58 1.73 0.00	23.21 1.72 0.00	25.71 1.95 0.00	29.00 2.64 -0.01	32.65 2.97 -0.01	35.61 3.24 0.01	37.17 3.26 0.00	38.84 3.31 0.01	40.59 3.53 -0.64	44.70 3.84 -0.04	48.34 3.41 -3.78	53.69 4.48 -4.86	73.93 5.24 -20.58	79.98 4.87 -28.69	72.87 4.75 -19.67	54.43 2.86 -7.56	48.49 2.44 -4.74	41.04 2.79 0.01	37.18 3.01 0.01	32.81 2.43 0.00
RCPL_TRUST___DRP 24196	28.08 2.29 0.00	25.31 1.96 0.00	23.67 1.83 0.00	22.63 1.73 0.00	22.48 1.63 0.00	23.21 1.72 0.00	25.80 2.04 0.00	28.94 2.58 0.00	32.62 2.94 0.00	35.52 3.14 0.00	37.13 3.22 0.00	38.85 3.31 0.00	40.63 3.57 -0.64	44.87 4.00 -0.04	49.00 4.07 -3.78	56.82 4.61 -7.86	77.11 5.39 -23.62	80.13 5.01 -28.71	73.22 4.99 -19.77	54.80 3.21 -7.56	48.83 2.77 -4.75	41.12 2.87 0.00	37.12 2.94 0.00	32.75 2.37 0.00
RED___ROCHESTER 323720	25.94 0.16 0.00	23.46 0.12 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.68 -0.17 0.00	21.49 0.00 0.00	23.97 0.21 0.00	26.36 0.00 0.00	29.68 0.00 0.00	32.41 0.03 0.00	33.91 0.00 0.00	35.68 0.14 0.00	36.38 -0.04 0.00	40.67 -0.16 0.00	41.40 -0.16 -0.41	44.68 -0.44 -0.78	50.24 0.62 -1.52	50.21 0.79 -3.02	52.09 1.50 -2.13	45.28 0.44 -0.82	42.20 0.37 -0.52	38.49 0.23 0.00	34.56 0.38 0.00	30.90 0.52 0.00
REGAN___SOLAR 323812	29.03 3.25 0.00	25.89 2.54 0.00	24.21 2.38 0.00	23.11 2.21 0.00	23.04 2.19 0.00	23.90 2.41 0.00	26.92 3.16 0.00	29.89 3.53 0.00	33.33 3.65 0.00	35.98 3.59 0.00	37.54 3.63 0.00	39.42 3.87 0.00	40.58 4.04 -0.12	45.87 4.94 -0.11	57.59 5.10 -11.33	71.63 5.72 -21.56	97.48 7.17 -42.20	136.59 7.61 -82.56	115.91 8.67 -58.79	74.72 8.01 -22.69	63.13 7.56 -14.25	45.03 6.77 0.00	39.55 5.37 0.00	35.06 4.68 0.00
RENSSELAER___COGEN 23796	26.63 0.85 0.00	24.21 0.86 0.00	22.66 0.83 0.00	21.64 0.75 0.00	21.58 0.73 0.00	22.29 0.80 0.00	24.59 0.83 0.00	27.30 0.95 0.00	30.75 1.07 0.00	33.48 1.10 0.00	35.10 1.19 0.00	36.71 1.17 0.00	37.63 1.06 -0.16	42.13 1.22 -0.08	50.50 1.15 -8.19	61.30 1.29 -15.66	80.27 1.44 -30.72	107.04 1.30 -59.33	92.34 1.35 -42.53	61.44 1.01 -16.41	52.57 0.95 -10.31	39.25 0.99 0.00	35.24 1.06 0.00	31.35 0.97 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.03 3.25 0.00	26.22 2.87 0.00	24.52 2.69 0.00	23.36 2.47 0.00	23.29 2.44 0.00	24.20 2.71 0.00	27.04 3.28 0.00	30.26 3.90 0.00	34.04 4.36 0.00	37.17 4.79 0.00	38.96 5.05 0.00	41.05 5.51 0.00	42.25 5.68 -0.15	48.17 7.23 -0.11	60.62 7.37 -12.10	75.42 8.03 -23.05	102.29 9.14 -45.04	143.35 9.00 -87.94	120.84 9.59 -62.80	76.93 8.67 -24.24	64.67 8.14 -15.22	45.52 7.27 0.00	39.92 5.74 0.00	35.42 5.04 0.00

REVERE_CPDR_DRP 24186	26.61 0.83 0.00	23.93 0.58 0.00	22.34 0.50 0.00	21.39 0.50 0.00	21.29 0.44 0.00	22.01 0.52 0.00	24.59 0.83 0.00	27.31 0.95 0.00	30.66 0.98 0.00	33.45 1.07 0.00	35.03 1.12 0.00	36.82 1.28 0.00	37.73 1.31 0.00	42.30 1.47 0.00	42.59 1.44 0.00	45.81 1.46 0.00	50.17 2.07 0.00	48.59 2.18 0.00	50.83 2.37 0.00	46.39 2.38 0.00	43.38 2.07 0.00	40.09 1.84 0.00	35.44 1.26 0.00	31.51 1.12 0.00
REYNOLDS_115KV_TB3 80639	26.84 1.06 0.00	24.42 1.07 0.00	22.86 1.03 0.00	21.81 0.92 0.00	21.72 0.88 0.00	22.48 0.99 0.00	24.78 1.02 0.00	27.49 1.13 0.00	30.96 1.28 0.00	33.71 1.33 0.00	35.30 1.39 0.00	37.03 1.49 0.00	38.07 1.49 -0.16	42.63 1.71 -0.08	51.51 1.69 -8.67	62.70 1.77 -16.57	82.53 2.02 -32.40	110.95 1.86 -62.69	95.40 1.94 -45.01	62.92 1.54 -17.37	53.67 1.45 -10.91	39.67 1.42 0.00	35.55 1.37 0.00	31.60 1.22 0.00
RIVERBAY____ 323610	28.68 2.89 -0.01	25.66 2.31 -0.01	24.03 2.18 -0.01	22.92 2.03 0.00	22.80 1.94 -0.01	23.51 2.02 0.00	26.02 2.26 0.00	29.48 3.11 -0.01	33.16 3.47 -0.01	36.02 3.63 -0.01	37.67 3.76 0.00	39.38 3.84 0.00	41.17 4.12 -0.64	45.40 4.53 -0.04	49.55 4.61 -3.79	57.54 5.32 -7.86	77.98 6.25 -23.62	80.97 5.85 -28.71	73.90 5.67 -19.78	55.18 3.61 -7.56	49.03 2.97 -4.74	41.62 3.37 0.00	37.81 3.62 -0.01	33.43 3.04 -0.01
RIVERSDE_115KV_TB3 55908	26.76 0.98 0.00	24.32 0.98 0.00	22.79 0.96 0.00	21.75 0.86 0.00	21.66 0.81 0.00	22.41 0.92 0.00	24.71 0.95 0.00	27.44 1.08 0.00	30.90 1.22 0.00	33.64 1.26 0.00	35.23 1.32 0.00	36.96 1.42 0.00	38.00 1.42 -0.16	42.55 1.63 -0.08	51.59 1.65 -8.79	62.87 1.73 -16.79	82.95 1.97 -32.87	111.84 1.81 -63.62	95.95 1.89 -45.61	63.11 1.50 -17.60	53.73 1.36 -11.05	39.59 1.34 0.00	35.51 1.33 0.00	31.57 1.18 0.00
ROARING__BROOK_WT_PWR 323790	25.37 -0.41 0.00	22.92 -0.42 0.00	21.44 -0.39 0.00	20.52 -0.38 0.00	20.49 -0.35 0.00	21.10 -0.39 0.00	23.33 -0.43 0.00	25.80 -0.55 0.00	29.15 -0.53 0.00	31.86 -0.52 0.00	33.37 -0.54 0.00	34.90 -0.64 0.00	35.72 -0.69 0.00	40.10 -0.73 0.00	40.49 -0.66 0.00	43.86 -0.49 0.00	47.91 -0.19 0.00	46.41 0.00 0.00	47.97 -0.48 0.00	43.66 -0.35 0.00	40.94 -0.37 0.00	37.84 -0.42 0.00	33.73 -0.45 0.00	29.99 -0.40 0.00
ROCHESRG_115KV_T4 355643	25.60 -0.18 0.00	23.16 -0.19 0.00	21.55 -0.28 0.00	20.58 -0.31 0.00	20.41 -0.44 0.00	21.23 -0.26 0.00	23.69 -0.07 0.00	26.01 -0.34 0.00	29.29 -0.39 0.00	31.96 -0.42 0.00	33.50 -0.41 0.00	35.15 -0.39 0.00	35.83 -0.58 0.00	40.06 -0.78 0.00	40.49 -1.07 -0.41	43.97 -1.15 -0.77	49.41 -0.19 -1.50	49.35 -0.05 -2.99	51.19 0.63 -2.11	44.61 -0.22 -0.82	41.54 -0.29 -0.51	37.87 -0.38 0.00	33.91 -0.27 0.00	30.44 0.06 0.00
ROCHESTER_9_IC 23652	25.78 0.00 0.00	23.32 -0.02 0.00	21.68 -0.15 0.00	20.70 -0.19 0.00	20.54 -0.31 0.00	21.38 -0.11 0.00	23.85 0.10 0.00	26.20 -0.16 0.00	29.50 -0.18 0.00	32.22 -0.16 0.00	33.77 -0.14 0.00	35.44 -0.11 0.00	36.13 -0.29 0.00	40.43 -0.41 0.00	40.86 -0.70 -0.41	44.37 -0.75 -0.78	49.91 0.29 -1.52	49.84 0.42 -3.01	51.70 1.11 -2.13	45.02 0.18 -0.82	41.87 0.04 -0.52	38.18 -0.08 0.00	34.18 0.00 0.00	30.69 0.30 0.00
ROCKVIEW_13_KV_LD 356306	28.00 2.22 0.00	25.26 1.91 0.00	23.65 1.81 0.00	22.58 1.69 0.00	22.43 1.58 0.00	23.19 1.70 0.00	25.73 1.97 0.00	28.83 2.48 0.00	32.50 2.82 0.00	35.43 3.04 0.00	37.03 3.12 0.00	38.78 3.23 0.00	40.55 3.50 -0.64	44.79 3.92 -0.04	48.92 3.99 -3.78	56.77 4.57 -7.85	77.00 5.29 -23.60	79.95 4.83 -28.71	73.17 4.94 -19.78	54.97 3.39 -7.56	48.96 2.89 -4.75	41.20 2.95 0.00	37.05 2.87 0.00	32.69 2.31 0.00
ROME____115KV_TB2 80656	26.61 0.83 0.00	23.93 0.58 0.00	22.34 0.50 0.00	21.39 0.50 0.00	21.29 0.44 0.00	22.01 0.52 0.00	24.59 0.83 0.00	27.31 0.95 0.00	30.66 0.98 0.00	33.45 1.07 0.00	35.03 1.12 0.00	36.82 1.28 0.00	37.73 1.31 0.00	42.30 1.47 0.00	42.59 1.44 0.00	45.81 1.46 0.00	50.17 2.07 0.00	48.59 2.18 0.00	50.83 2.37 0.00	46.39 2.38 0.00	43.38 2.07 0.00	40.09 1.84 0.00	35.44 1.26 0.00	31.51 1.12 0.00
ROSETON__1 23587	27.46 1.67 0.00	24.84 1.50 0.00	23.25 1.42 0.00	22.21 1.32 0.00	22.10 1.25 0.00	22.82 1.33 0.00	25.26 1.50 0.00	28.17 1.82 0.00	31.73 2.05 0.00	34.55 2.17 0.00	36.18 2.27 0.00	37.85 2.31 0.00	38.96 2.48 -0.06	43.64 2.78 -0.04	47.58 2.67 -3.75	54.71 3.20 -7.17	67.02 3.70 -15.22	78.11 3.43 -28.26	71.37 3.44 -19.48	53.87 2.33 -7.52	48.02 1.98 -4.72	40.32 2.06 0.00	36.16 1.98 0.00	32.05 1.67 0.00
ROSETON__2 23588	27.46 1.67 0.00	24.84 1.50 0.00	23.25 1.42 0.00	22.21 1.32 0.00	22.10 1.25 0.00	22.82 1.33 0.00	25.26 1.50 0.00	28.17 1.82 0.00	31.73 2.05 0.00	34.55 2.17 0.00	36.18 2.27 0.00	37.85 2.31 0.00	38.96 2.48 -0.06	43.64 2.78 -0.04	47.58 2.67 -3.75	54.71 3.20 -7.17	67.02 3.70 -15.22	78.11 3.43 -28.26	71.37 3.44 -19.48	53.87 2.33 -7.52	48.02 1.98 -4.72	40.32 2.06 0.00	36.16 1.98 0.00	32.05 1.67 0.00
ROTTTRDAM_115KV_TB3 80664	26.99 1.21 0.00	24.46 1.12 0.00	22.90 1.07 0.00	21.87 0.98 0.00	21.79 0.94 0.00	22.54 1.05 0.00	24.92 1.16 0.00	27.67 1.32 0.00	31.16 1.48 0.00	33.94 1.55 0.00	35.57 1.66 0.00	37.32 1.78 0.00	38.42 1.86 -0.15	43.16 2.20 -0.12	56.15 2.18 -12.82	71.09 2.35 -24.39	98.61 2.74 -47.77	142.41 2.65 -93.35	117.71 2.76 -66.50	71.97 2.29 -25.67	59.54 2.11 -16.12	40.24 1.99 0.00	35.92 1.74 0.00	31.90 1.52 0.00
RUSSELL__1 23602	25.94 0.15 0.00	23.46 0.12 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.64 -0.21 0.00	21.49 0.00 0.00	23.97 0.21 0.00	26.36 0.00 0.00	29.68 0.00 0.00	32.41 0.03 0.00	33.98 0.07 0.00	35.68 0.14 0.00	36.38 -0.04 0.00	40.71 -0.12 0.00	41.15 -0.41 -0.41	44.68 -0.44 -0.78	50.29 0.67 -1.52	50.22 0.79 -3.01	52.08 1.50 -2.13	45.37 0.53 -0.82	42.20 0.37 -0.52	38.48 0.23 0.00	34.42 0.24 0.00	30.87 0.49 0.00
RUSSELL__2 23532	25.94 0.15 0.00	23.46 0.12 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.64 -0.21 0.00	21.49 0.00 0.00	23.97 0.21 0.00	26.36 0.00 0.00	29.68 0.00 0.00	32.41 0.03 0.00	33.98 0.07 0.00	35.68 0.14 0.00	36.38 -0.04 0.00	40.71 -0.12 0.00	41.15 -0.41 -0.41	44.68 -0.44 -0.78	50.29 0.67 -1.52	50.22 0.79 -3.01	52.08 1.50 -2.13	45.37 0.53 -0.82	42.20 0.37 -0.52	38.48 0.23 0.00	34.42 0.24 0.00	30.87 0.49 0.00
RUSSELL__3 23549	25.94 0.15 0.00	23.46 0.12 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.64 -0.21 0.00	21.49 0.00 0.00	23.97 0.21 0.00	26.36 0.00 0.00	29.68 0.00 0.00	32.41 0.03 0.00	33.98 0.07 0.00	35.68 0.14 0.00	36.38 -0.04 0.00	40.71 -0.12 0.00	41.15 -0.41 -0.41	44.68 -0.44 -0.78	50.29 0.67 -1.52	50.22 0.79 -3.01	52.08 1.50 -2.13	45.37 0.53 -0.82	42.20 0.37 -0.52	38.48 0.23 0.00	34.42 0.24 0.00	30.87 0.49 0.00

RUSSELL___4 23556	25.94 0.15 0.00	23.46 0.12 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.64 -0.21 0.00	21.49 0.00 0.00	23.97 0.21 0.00	26.36 0.00 0.00	29.68 0.00 0.00	32.41 0.03 0.00	33.98 0.07 0.00	35.68 0.14 0.00	36.38 -0.04 0.00	40.71 -0.12 0.00	41.15 -0.41 -0.41	44.68 -0.44 -0.78	50.29 0.67 -1.52	50.22 0.79 -3.01	52.08 1.50 -2.13	45.37 0.53 -0.82	42.20 0.37 -0.52	38.48 0.23 0.00	34.42 0.24 0.00	30.87 0.49 0.00
RUSSELL___STATION 23914	25.94 0.15 0.00	23.46 0.12 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.64 -0.21 0.00	21.49 0.00 0.00	23.97 0.21 0.00	26.36 0.00 0.00	29.68 0.00 0.00	32.41 0.03 0.00	33.98 0.07 0.00	35.68 0.14 0.00	36.38 -0.04 0.00	40.71 -0.12 0.00	41.15 -0.41 -0.41	44.68 -0.44 -0.78	50.29 0.67 -1.52	50.22 0.79 -3.01	52.08 1.50 -2.13	45.37 0.53 -0.82	42.20 0.37 -0.52	38.48 0.23 0.00	34.42 0.24 0.00	30.87 0.49 0.00
S SALMON___HYD 24043	25.47 -0.31 0.00	23.04 -0.30 0.00	21.51 -0.33 0.00	20.60 -0.29 0.00	20.51 -0.33 0.00	21.21 -0.28 0.00	23.52 -0.24 0.00	26.04 -0.32 0.00	29.26 -0.42 0.00	31.90 -0.48 0.00	33.33 -0.58 0.00	35.01 -0.53 0.00	35.87 -0.55 0.00	40.18 -0.65 0.00	40.66 -0.49 0.00	43.64 -0.71 0.00	47.62 -0.48 0.00	46.13 -0.28 0.00	48.35 -0.10 0.00	43.97 -0.04 0.00	41.19 -0.12 0.00	38.18 -0.08 0.00	33.90 -0.27 0.00	30.20 -0.18 0.00
S.PERRY___115KV_TB1 80734	26.63 0.85 0.00	24.02 0.68 0.00	22.29 0.46 0.00	21.27 0.38 0.00	21.10 0.25 0.00	22.01 0.52 0.00	24.66 0.90 0.00	26.96 0.61 0.00	30.12 0.45 0.00	32.74 0.36 0.00	34.05 0.14 0.00	34.44 -1.10 0.00	35.11 -1.31 0.00	39.24 -1.59 -0.01	40.21 -1.56 -0.62	43.92 -1.60 -1.17	50.04 -0.34 -2.28	51.08 0.14 -4.53	53.15 1.50 -3.20	45.96 0.70 -1.24	42.79 0.70 -0.78	38.71 0.46 0.00	34.52 0.34 0.00	31.93 1.55 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.42 -0.36 0.00	22.95 -0.40 0.00	21.29 -0.55 0.00	20.31 -0.58 0.00	20.08 -0.77 0.00	20.95 -0.54 0.00	23.47 -0.29 0.00	25.54 -0.82 0.00	28.73 -0.95 0.00	31.38 -1.00 0.00	32.86 -1.05 0.00	34.37 -1.17 0.00	34.89 -1.53 0.00	38.79 -2.04 -0.01	39.29 -2.43 -0.56	42.80 -2.62 -1.07	48.79 -1.40 -2.08	49.20 -1.35 -4.14	51.13 -0.24 -2.92	43.83 -1.32 -1.13	40.70 -1.32 -0.71	37.03 -1.22 0.00	33.36 -0.82 0.00	30.23 -0.15 0.00
SAWYER___23_KV_LOAD 55526	25.42 -0.36 0.00	22.95 -0.40 0.00	21.29 -0.55 0.00	20.31 -0.58 0.00	20.08 -0.77 0.00	20.95 -0.54 0.00	23.47 -0.29 0.00	25.54 -0.82 0.00	28.73 -0.95 0.00	31.38 -1.00 0.00	32.86 -1.05 0.00	34.37 -1.17 0.00	34.89 -1.53 0.00	38.79 -2.04 -0.01	39.29 -2.43 -0.56	42.80 -2.62 -1.07	48.79 -1.40 -2.08	49.20 -1.35 -4.14	51.13 -0.24 -2.92	43.83 -1.32 -1.13	40.70 -1.32 -0.71	37.03 -1.22 0.00	33.36 -0.82 0.00	30.23 -0.15 0.00
SELKIRK___I 23801	26.89 1.11 0.00	24.44 1.10 0.00	22.90 1.07 0.00	21.87 0.98 0.00	21.81 0.96 0.00	22.52 1.03 0.00	24.85 1.09 0.00	27.57 1.21 0.00	31.05 1.37 0.00	33.77 1.39 0.00	35.40 1.49 0.00	37.07 1.53 0.00	37.29 0.73 -0.15	41.75 0.86 -0.07	48.95 0.82 -6.97	58.54 0.84 -13.35	75.37 0.91 -26.35	91.86 0.84 -44.61	82.96 0.82 -33.68	58.69 0.70 -13.97	50.74 0.66 -8.77	38.94 0.69 0.00	35.68 1.50 0.00	31.75 1.37 0.00
SELKIRK___II 23799	26.74 0.95 0.00	24.28 0.93 0.00	22.73 0.90 0.00	21.71 0.81 0.00	21.64 0.79 0.00	22.35 0.86 0.00	24.66 0.90 0.00	27.38 1.03 0.00	30.84 1.16 0.00	33.58 1.20 0.00	35.16 1.26 0.00	36.82 1.28 0.00	37.52 0.95 -0.16	41.96 1.06 -0.07	49.46 1.03 -7.28	59.40 1.11 -13.94	76.78 1.20 -27.47	78.03 1.07 -30.55	78.03 1.06 -28.51	59.48 0.88 -14.58	51.25 0.78 -9.16	39.10 0.84 0.00	35.38 1.20 0.00	31.44 1.06 0.00
SENECA OSWGO___HYD 24041	25.29 -0.49 0.00	22.88 -0.47 0.00	21.40 -0.44 0.00	20.47 -0.42 0.00	20.39 -0.46 0.00	21.08 -0.41 0.00	23.35 -0.40 0.00	25.93 -0.42 0.00	29.17 -0.50 0.00	31.80 -0.58 0.00	33.30 -0.61 0.00	34.97 -0.57 0.00	35.83 -0.58 0.00	40.14 -0.69 0.00	40.45 -0.70 0.00	43.55 -0.80 0.00	47.67 -0.43 0.00	45.99 -0.42 0.00	48.06 -0.39 0.00	43.49 -0.53 0.00	40.77 -0.54 0.00	37.68 -0.57 0.00	33.60 -0.58 0.00	29.93 -0.45 0.00
SENECA___115KV_TB3 355854	25.68 -0.10 0.00	23.18 -0.16 0.00	21.48 -0.35 0.00	20.50 -0.40 0.00	20.27 -0.58 0.00	21.15 -0.34 0.00	23.73 -0.02 0.00	25.83 -0.53 0.00	29.09 -0.59 0.00	31.80 -0.58 0.00	33.30 -0.61 0.00	34.83 -0.71 0.00	35.36 -1.06 0.00	39.37 -1.47 -0.01	39.89 -1.85 -0.59	43.43 -2.04 -1.12	49.52 -0.77 -2.19	50.07 -0.70 -4.35	51.87 0.34 -3.08	44.46 -0.75 -1.19	41.23 -0.83 -0.75	37.49 -0.77 0.00	33.77 -0.41 0.00	30.59 0.21 0.00
SENECA___ENERGY 23797	25.78 0.00 0.00	23.27 -0.07 0.00	21.70 -0.13 0.00	20.72 -0.17 0.00	20.64 -0.21 0.00	21.43 -0.06 0.00	23.88 0.12 0.00	26.44 0.08 0.00	29.77 0.09 0.00	32.45 0.06 0.00	33.98 0.07 0.00	35.65 0.11 0.00	36.45 0.04 0.00	40.83 0.00 0.00	41.64 0.04 -0.44	45.14 -0.04 -0.84	50.50 0.77 -1.63	50.49 0.84 -3.24	51.86 1.12 -2.29	45.47 0.57 -0.88	42.28 0.41 -0.56	38.52 0.27 0.00	34.39 0.21 0.00	30.65 0.27 0.00
SHOEMAKER___GT 23640	27.28 1.49 0.00	24.70 1.35 0.00	23.10 1.27 0.00	22.04 1.15 0.00	21.93 1.08 0.00	22.65 1.16 0.00	25.04 1.28 0.00	27.86 1.50 0.00	31.34 1.66 0.00	34.16 1.78 0.00	35.74 1.83 0.00	37.42 1.88 0.00	37.95 2.07 0.55	43.19 2.33 -0.03	46.76 2.26 -3.35	52.78 2.71 -5.72	60.19 3.22 -8.86	74.38 2.97 -25.00	68.66 3.01 -17.21	52.80 2.07 -6.71	47.30 1.78 -4.21	40.09 1.84 0.00	35.89 1.71 0.00	31.81 1.43 0.00
SHOEMAKR_138KV_BK 111 55601	27.28 1.50 0.00	24.67 1.33 0.00	23.08 1.24 0.00	22.04 1.15 0.00	21.89 1.04 0.00	22.65 1.16 0.00	25.07 1.31 0.00	27.86 1.50 0.00	31.37 1.69 0.00	34.19 1.81 0.00	35.77 1.87 0.00	37.46 1.92 0.00	37.98 2.08 0.52	43.23 2.37 -0.03	46.86 2.39 -3.32	52.80 2.75 -5.70	60.35 3.27 -8.97	74.20 3.02 -24.78	68.56 3.05 -17.06	52.73 2.07 -6.65	47.26 1.78 -4.18	40.09 1.84 0.00	35.96 1.78 0.00	31.81 1.43 0.00
SHOREHAM_IC_1 23715	34.95 2.91 -6.26	30.44 2.54 -4.55	25.57 2.44 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.25 2.34 -0.42	26.53 2.75 -0.02	33.33 3.27 -3.71	35.37 3.68 -2.01	36.75 4.08 -0.29	43.25 3.80 -5.54	46.36 3.91 -6.91	56.27 4.19 -15.66	57.14 4.65 -11.65	116.45 4.49 -70.81	128.86 5.36 -79.14	191.92 6.21 -137.60	250.82 5.85 -198.56	211.89 5.86 -157.58	128.56 4.27 -80.28	113.46 3.68 -68.47	51.12 3.83 -9.04	43.82 3.73 -5.92	39.33 3.04 -5.91
SHOREHAM_IC_2 23716	34.95 2.91 -6.26	30.44 2.54 -4.55	25.57 2.44 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.25 2.34 -0.42	26.53 2.75 -0.02	33.33 3.27 -3.71	35.37 3.68 -2.01	36.75 4.08 -0.29	43.25 3.80 -5.54	46.36 3.91 -6.91	56.27 4.19 -15.66	57.14 4.65 -11.65	116.45 4.49 -70.81	128.86 5.36 -79.14	191.92 6.21 -137.60	250.82 5.85 -198.56	211.89 5.86 -157.58	128.56 4.27 -80.28	113.46 3.68 -68.47	51.12 3.83 -9.04	43.82 3.73 -5.92	39.33 3.04 -5.91

SISSONVILLE____ 23735	24.70 -1.08 0.00	22.29 -1.05 0.00	20.79 -1.05 0.00	19.95 -0.94 0.00	20.02 -0.83 0.00	20.50 -0.99 0.00	22.57 -1.19 0.00	25.07 -1.29 0.00	28.25 -1.42 0.00	30.92 -1.46 0.00	32.35 -1.56 0.00	33.87 -1.67 0.00	34.67 -1.75 0.00	38.91 -1.92 0.00	39.42 -1.73 0.00	42.36 -2.00 0.00	45.51 -2.60 0.00	44.23 -2.18 0.00	46.13 -2.33 0.00	42.57 -1.45 0.00	40.07 -1.24 0.00	36.95 -1.30 0.00	32.85 -1.33 0.00	29.17 -1.22 0.00
SITHE_IND_GS1 24169	25.03 -0.75 0.00	22.67 -0.68 0.00	21.20 -0.63 0.00	20.29 -0.61 0.00	20.22 -0.62 0.00	20.89 -0.60 0.00	23.12 -0.64 0.00	25.62 -0.74 0.00	28.82 -0.86 0.00	31.44 -0.94 0.00	32.93 -0.98 0.00	34.55 -0.99 0.00	35.36 -1.06 0.00	39.64 -1.19 0.00	39.96 -1.19 0.00	43.02 -1.33 0.00	46.95 -1.15 0.00	45.35 -1.07 0.00	47.43 -1.02 0.00	42.87 -1.14 0.00	40.24 -1.07 0.00	37.22 -1.03 0.00	33.22 -0.96 0.00	29.56 -0.82 0.00
SITHE_IND_GS2 24170	25.03 -0.75 0.00	22.67 -0.68 0.00	21.20 -0.63 0.00	20.29 -0.61 0.00	20.22 -0.62 0.00	20.89 -0.60 0.00	23.12 -0.64 0.00	25.62 -0.74 0.00	28.82 -0.86 0.00	31.44 -0.94 0.00	32.93 -0.98 0.00	34.55 -0.99 0.00	35.36 -1.06 0.00	39.64 -1.19 0.00	39.96 -1.19 0.00	43.02 -1.33 0.00	46.95 -1.15 0.00	45.35 -1.07 0.00	47.43 -1.02 0.00	42.87 -1.14 0.00	40.24 -1.07 0.00	37.22 -1.03 0.00	33.22 -0.96 0.00	29.56 -0.82 0.00
SITHE_IND_GS3 24171	25.03 -0.75 0.00	22.67 -0.68 0.00	21.20 -0.63 0.00	20.29 -0.61 0.00	20.22 -0.62 0.00	20.89 -0.60 0.00	23.12 -0.64 0.00	25.62 -0.74 0.00	28.82 -0.86 0.00	31.44 -0.94 0.00	32.93 -0.98 0.00	34.55 -0.99 0.00	35.36 -1.06 0.00	39.64 -1.19 0.00	39.96 -1.19 0.00	43.02 -1.33 0.00	46.95 -1.15 0.00	45.35 -1.07 0.00	47.43 -1.02 0.00	42.87 -1.14 0.00	40.24 -1.07 0.00	37.22 -1.03 0.00	33.22 -0.96 0.00	29.56 -0.82 0.00
SITHE_IND_GS4 24172	25.03 -0.75 0.00	22.67 -0.68 0.00	21.20 -0.63 0.00	20.29 -0.61 0.00	20.22 -0.62 0.00	20.89 -0.60 0.00	23.12 -0.64 0.00	25.62 -0.74 0.00	28.82 -0.86 0.00	31.44 -0.94 0.00	32.93 -0.98 0.00	34.55 -0.99 0.00	35.36 -1.06 0.00	39.64 -1.19 0.00	39.96 -1.19 0.00	43.02 -1.33 0.00	46.95 -1.15 0.00	45.35 -1.07 0.00	47.43 -1.02 0.00	42.87 -1.14 0.00	40.24 -1.07 0.00	37.22 -1.03 0.00	33.22 -0.96 0.00	29.56 -0.82 0.00
SITHE____BATAVIA 24024	26.09 0.31 0.00	23.53 0.19 0.00	21.83 0.00 0.00	20.85 -0.04 0.00	20.62 -0.23 0.00	21.49 0.00 0.00	24.14 0.38 0.00	26.33 -0.03 0.00	29.62 -0.06 0.00	32.32 -0.06 0.00	33.77 -0.14 0.00	35.44 -0.11 0.00	35.98 -0.44 0.00	40.06 -0.78 0.00	40.98 -0.66 -0.49	44.08 -1.20 -0.92	50.05 0.14 -1.80	50.42 0.42 -3.59	52.44 1.45 -2.54	45.13 0.13 -0.98	42.18 0.25 -0.62	38.37 0.12 0.00	34.62 0.44 0.00	31.11 0.73 0.00
SITHE____INDEPEND 23800	25.04 -0.75 0.00	22.67 -0.68 0.00	21.20 -0.63 0.00	20.29 -0.61 0.00	20.20 -0.65 0.00	20.89 -0.60 0.00	23.12 -0.64 0.00	25.62 -0.74 0.00	28.82 -0.86 0.00	31.44 -0.94 0.00	32.93 -0.98 0.00	34.55 -1.00 0.00	35.36 -1.06 0.00	39.65 -1.18 0.00	39.92 -1.23 0.00	43.02 -1.33 0.00	46.95 -1.15 0.00	45.34 -1.07 0.00	47.43 -1.02 0.00	42.92 -1.10 0.00	40.24 -1.07 0.00	37.22 -1.03 0.00	33.22 -0.96 0.00	29.56 -0.82 0.00
SITHE____MASSENA 23902	25.34 -0.44 0.00	22.88 -0.47 0.00	21.37 -0.46 0.00	20.47 -0.42 0.00	20.51 -0.33 0.00	21.06 -0.43 0.00	23.21 -0.55 0.00	25.75 -0.61 0.00	29.09 -0.59 0.00	31.83 -0.55 0.00	33.30 -0.61 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.10 -0.73 0.00	40.41 -0.74 0.00	43.51 -0.84 0.00	46.76 -1.35 0.00	45.25 -1.16 0.00	47.15 -1.31 0.00	43.36 -0.66 0.00	40.82 -0.49 0.00	37.68 -0.57 0.00	33.60 -0.58 0.00	29.89 -0.49 0.00
SITHE____OGDNSBRG 24021	25.40 -0.39 0.00	22.90 -0.44 0.00	21.33 -0.50 0.00	20.52 -0.38 0.00	20.56 -0.29 0.00	21.08 -0.41 0.00	23.24 -0.52 0.00	25.80 -0.55 0.00	29.06 -0.62 0.00	31.83 -0.55 0.00	33.27 -0.64 0.00	34.87 -0.68 0.00	35.69 -0.73 0.00	40.10 -0.73 0.00	40.53 -0.62 0.00	43.55 -0.80 0.00	46.81 -1.30 0.00	45.44 -0.97 0.00	47.39 -1.07 0.00	43.84 -0.18 0.00	41.27 -0.04 0.00	38.06 -0.19 0.00	33.77 -0.41 0.00	30.02 -0.36 0.00
SITHE____STERLING 23777	26.45 0.67 0.00	23.81 0.47 0.00	22.23 0.39 0.00	21.29 0.40 0.00	21.20 0.35 0.00	21.92 0.43 0.00	24.42 0.66 0.00	27.07 0.71 0.00	30.42 0.74 0.00	33.16 0.78 0.00	34.72 0.81 0.00	36.50 0.96 0.00	37.40 0.98 0.00	41.93 1.10 0.00	42.30 1.15 0.00	45.50 1.15 0.00	49.83 1.73 0.00	48.22 1.81 0.00	50.39 1.94 0.00	45.87 1.85 0.00	42.92 1.61 0.00	39.67 1.42 0.00	35.20 1.02 0.00	31.29 0.91 0.00
SLEIGHT__34_KV_TB1 80719	26.43 0.64 0.00	23.86 0.51 0.00	22.25 0.41 0.00	21.23 0.33 0.00	21.12 0.27 0.00	21.96 0.47 0.00	24.52 0.76 0.00	27.23 0.87 0.00	30.69 1.01 0.00	33.48 1.10 0.00	35.20 1.29 0.00	37.03 1.49 0.00	37.84 1.42 0.00	42.47 1.63 0.00	43.12 1.56 -0.41	46.85 1.73 -0.77	52.40 2.79 -1.50	52.19 2.78 -2.99	53.62 3.05 -2.11	47.21 2.38 -0.82	43.81 1.98 -0.51	39.90 1.64 0.00	35.44 1.26 0.00	31.54 1.15 0.00
SOUTH CAIRO____GT 23612	27.85 2.06 0.00	25.26 1.91 0.00	23.60 1.77 0.00	22.44 1.55 0.00	22.31 1.46 0.00	23.12 1.63 0.00	25.52 1.76 0.00	28.05 1.69 0.00	31.55 1.87 0.00	34.23 1.84 0.00	35.91 2.00 0.00	37.60 2.06 0.00	38.65 2.11 -0.12	43.01 2.12 -0.06	49.78 2.06 -6.57	59.21 2.30 -12.56	75.67 2.74 -24.83	89.44 2.69 -40.34	82.44 3.01 -30.98	59.87 2.69 -13.17	52.02 2.44 -8.27	40.82 2.56 0.00	36.71 2.53 0.00	32.57 2.19 0.00
SOUTH HAMPTN____IC 23720	35.65 3.61 -6.26	31.07 3.17 -4.55	26.14 3.01 -1.29	23.73 2.82 -0.02	25.06 2.77 -1.44	24.79 2.88 -0.42	27.10 3.33 -0.02	33.99 3.93 -3.71	36.23 4.54 -2.01	37.76 5.08 -0.29	44.50 5.02 -5.57	47.69 5.30 -6.85	57.83 5.61 -15.81	58.73 6.25 -11.65	115.51 6.09 -68.27	128.05 7.09 -76.60	189.29 8.13 -133.06	241.12 7.61 -187.10	206.23 7.70 -150.08	127.29 5.90 -77.37	112.28 5.04 -65.93	52.02 5.09 -8.68	44.83 4.82 -5.83	40.24 3.95 -5.91
SOUTHDOW_115KV_TB1 355954	26.14 0.36 0.00	23.60 0.26 0.00	21.90 0.07 0.00	20.81 -0.08 0.00	20.60 -0.25 0.00	21.60 0.11 0.00	24.33 0.57 0.00	26.62 0.26 0.00	30.09 0.42 0.00	32.90 0.52 0.00	34.42 0.51 0.00	35.97 0.43 0.00	36.53 0.11 0.00	40.63 -0.20 -0.01	41.27 -0.53 -0.65	45.01 -0.58 -1.23	51.28 0.77 -2.40	51.93 0.74 -4.78	53.48 1.65 -3.38	45.76 0.44 -1.30	42.50 0.37 -0.82	38.64 0.38 0.00	34.79 0.62 0.00	31.41 1.03 0.00
SOUTHOLD_69_KV_BK 2 55809	36.40 4.36 -6.26	31.72 3.83 -4.55	26.70 3.58 -1.29	24.27 3.36 -0.02	25.56 3.27 -1.44	25.37 3.46 -0.42	27.74 3.97 -0.02	34.76 4.69 -3.71	37.18 5.49 -2.01	38.89 6.22 -0.29	45.79 6.31 -5.57	49.15 6.75 -6.85	59.33 7.10 -15.81	60.40 7.92 -11.65	117.35 7.90 -68.30	130.03 9.05 -76.63	191.51 10.29 -133.11	184.13 9.61 -128.11	208.52 9.88 -150.18	129.17 7.75 -77.41	113.92 6.65 -65.95	53.48 6.54 -8.68	44.60 6.05 -4.37	41.29 5.01 -5.89

SOUTHOLD___IC 23719	36.42 4.38 -6.26	31.72 3.83 -4.55	26.70 3.58 -1.29	24.27 3.36 -0.02	25.61 3.32 -1.44	25.37 3.46 -0.42	27.74 3.97 -0.02	34.78 4.72 -3.71	37.18 5.49 -2.01	38.89 6.22 -0.29	45.79 6.31 -5.57	49.15 6.75 -6.85	59.33 7.10 -15.81	60.45 7.96 -11.65	117.18 7.73 -68.30	130.03 9.05 -76.63	191.51 10.30 -133.11	243.30 9.61 -187.28	208.51 9.88 -150.18	129.12 7.70 -77.41	113.92 6.65 -65.95	53.48 6.54 -8.68	46.03 6.02 -5.83	41.30 5.01 -5.91
SPIERFLS_115KV_TB 1 80737	27.15 1.37 0.00	24.67 1.33 0.00	23.10 1.27 0.00	22.02 1.13 0.00	21.93 1.08 0.00	22.74 1.25 0.00	25.14 1.38 0.00	27.94 1.58 0.00	31.46 1.78 0.00	34.32 1.94 0.00	35.98 2.07 0.00	37.85 2.31 0.00	39.01 2.44 -0.15	44.09 3.14 -0.11	56.54 3.21 -12.18	70.99 3.46 -23.18	97.47 4.04 -45.32	138.85 3.94 -88.49	115.80 4.17 -63.18	72.10 3.70 -24.39	60.06 3.43 -15.32	41.32 3.06 0.00	36.54 2.36 0.00	32.45 2.07 0.00
ST LAWRENCE____ 23600	25.16 -0.62 0.00	22.76 -0.58 0.00	21.27 -0.57 0.00	20.39 -0.50 0.00	20.41 -0.44 0.00	20.95 -0.54 0.00	23.09 -0.67 0.00	25.67 -0.69 0.00	28.97 -0.71 0.00	31.70 -0.68 0.00	33.16 -0.75 0.00	34.73 -0.82 0.00	35.58 -0.84 0.00	39.93 -0.90 0.00	40.21 -0.94 0.00	43.33 -1.02 0.00	46.52 -1.59 0.00	44.92 -1.49 0.00	46.85 -1.60 0.00	43.05 -0.97 0.00	40.53 -0.79 0.00	37.45 -0.81 0.00	33.43 -0.75 0.00	29.71 -0.67 0.00
STATE_CA_115KV_115_LB 55624	26.79 1.01 0.00	24.35 1.00 0.00	22.79 0.96 0.00	21.75 0.86 0.00	21.66 0.81 0.00	22.41 0.92 0.00	24.73 0.97 0.00	27.49 1.13 0.00	30.96 1.28 0.00	33.71 1.33 0.00	35.30 1.39 0.00	37.07 1.53 0.00	38.07 1.49 -0.16	42.67 1.76 -0.09	52.30 1.77 -9.38	64.11 1.86 -17.90	85.29 2.12 -35.06	116.40 2.00 -67.99	99.15 2.03 -48.66	64.42 1.63 -18.78	54.59 1.49 -11.79	39.71 1.45 0.00	35.58 1.40 0.00	31.63 1.25 0.00
STATE_ST_34_KV_LOAD 55959	26.04 0.26 0.00	23.74 0.40 0.00	22.16 0.33 0.00	21.16 0.27 0.00	21.06 0.21 0.00	21.86 0.37 0.00	24.09 0.33 0.00	26.75 0.40 0.00	30.12 0.45 0.00	32.83 0.45 0.00	34.49 0.58 0.00	36.22 0.68 0.00	37.04 0.62 0.00	41.57 0.73 0.00	42.29 0.70 -0.44	46.02 0.84 -0.83	51.26 1.54 -1.61	51.20 1.58 -3.21	52.51 1.79 -2.27	46.26 1.36 -0.88	42.94 1.07 -0.55	39.10 0.84 0.00	34.79 0.62 0.00	30.90 0.52 0.00
STATION 5_MISC_HYD 23604	25.81 0.03 0.00	23.32 -0.02 0.00	21.68 -0.15 0.00	20.70 -0.19 0.00	20.58 -0.27 0.00	21.38 -0.11 0.00	23.85 0.10 0.00	26.20 -0.16 0.00	29.50 -0.18 0.00	32.22 -0.16 0.00	33.71 -0.20 0.00	35.44 -0.11 0.00	36.12 -0.29 0.00	40.35 -0.49 0.00	41.11 -0.45 -0.41	44.37 -0.75 -0.78	49.86 0.24 -1.52	49.84 0.42 -3.02	51.65 1.06 -2.13	44.93 0.09 -0.82	41.87 0.04 -0.52	38.18 -0.08 0.00	34.32 0.14 0.00	30.72 0.33 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.94 0.15 0.00	23.41 0.07 0.00	21.79 -0.04 0.00	20.81 -0.08 0.00	20.66 -0.19 0.00	21.51 0.02 0.00	24.02 0.26 0.00	26.52 0.16 0.00	29.86 0.18 0.00	32.58 0.19 0.00	34.18 0.27 0.00	35.86 0.32 0.00	36.60 0.18 0.00	41.04 0.20 0.00	41.52 -0.04 -0.41	45.13 0.00 -0.78	50.63 1.01 -1.52	50.54 1.11 -3.02	52.23 1.65 -2.13	45.68 0.84 -0.82	42.45 0.62 -0.52	38.68 0.42 0.00	34.52 0.34 0.00	30.87 0.49 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.65 -0.13 0.00	23.18 -0.16 0.00	21.57 -0.26 0.00	20.58 -0.31 0.00	20.43 -0.42 0.00	21.28 -0.21 0.00	23.71 -0.05 0.00	26.09 -0.26 0.00	29.38 -0.30 0.00	32.09 -0.29 0.00	33.67 -0.24 0.00	35.36 -0.18 0.00	36.05 -0.36 0.00	40.34 -0.49 0.00	40.78 -0.78 -0.41	44.32 -0.80 -0.77	49.80 0.19 -1.50	49.72 0.32 -2.98	51.48 0.92 -2.11	44.92 0.09 -0.81	41.78 -0.04 -0.51	38.06 -0.19 0.00	34.04 -0.14 0.00	30.50 0.12 0.00
STA_56___34_KV_BUS2 355983	25.65 -0.13 0.00	23.18 -0.16 0.00	21.57 -0.26 0.00	20.58 -0.31 0.00	20.43 -0.42 0.00	21.28 -0.21 0.00	23.71 -0.05 0.00	26.09 -0.26 0.00	29.38 -0.30 0.00	32.09 -0.29 0.00	33.67 -0.24 0.00	35.36 -0.18 0.00	36.05 -0.36 0.00	40.34 -0.49 0.00	40.78 -0.78 -0.41	44.32 -0.80 -0.77	49.80 0.19 -1.50	49.72 0.32 -2.98	51.48 0.92 -2.11	44.92 0.09 -0.81	41.78 -0.04 -0.51	38.06 -0.19 0.00	34.04 -0.14 0.00	30.50 0.12 0.00
STA_67___115KV_BK2 355882	25.73 -0.05 0.00	23.27 -0.07 0.00	21.64 -0.20 0.00	20.64 -0.25 0.00	20.49 -0.35 0.00	21.32 -0.17 0.00	23.78 0.02 0.00	26.15 -0.21 0.00	29.41 -0.27 0.00	32.12 -0.26 0.00	33.67 -0.24 0.00	35.33 -0.21 0.00	36.02 -0.40 0.00	40.26 -0.57 0.00	40.70 -0.86 -0.41	44.20 -0.93 -0.78	49.71 0.10 -1.51	49.65 0.23 -3.01	51.50 0.92 -2.13	44.88 0.04 -0.82	41.75 -0.08 -0.52	38.06 -0.19 0.00	34.08 -0.10 0.00	30.59 0.21 0.00
STA_7___115KV_9TRANS 80674	25.94 0.15 0.00	23.46 0.12 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.64 -0.21 0.00	21.49 0.00 0.00	23.97 0.21 0.00	26.36 0.00 0.00	29.68 0.00 0.00	32.41 0.03 0.00	33.98 0.07 0.00	35.68 0.14 0.00	36.38 -0.04 0.00	40.71 -0.12 0.00	41.15 -0.41 -0.41	44.68 -0.44 -0.78	50.29 0.67 -1.52	50.22 0.79 -3.01	52.08 1.50 -2.13	45.37 0.53 -0.82	42.20 0.37 -0.52	38.48 0.23 0.00	34.42 0.24 0.00	30.87 0.49 0.00
STA_82___115KV_TB1 80780	25.73 -0.05 0.00	23.27 -0.07 0.00	21.66 -0.17 0.00	20.66 -0.23 0.00	20.52 -0.33 0.00	21.34 -0.15 0.00	23.81 0.05 0.00	26.15 -0.21 0.00	29.44 -0.24 0.00	32.12 -0.26 0.00	33.71 -0.20 0.00	35.36 -0.18 0.00	36.02 -0.40 0.00	40.30 -0.53 0.00	40.74 -0.82 -0.41	44.24 -0.89 -0.78	49.77 0.14 -1.52	49.72 0.28 -3.03	51.56 0.97 -2.14	44.93 0.09 -0.83	41.79 -0.04 -0.52	38.10 -0.15 0.00	34.11 -0.07 0.00	30.59 0.21 0.00
STEEL___WIND 323596	25.71 -0.08 0.00	23.16 -0.19 0.00	21.46 -0.37 0.00	20.47 -0.42 0.00	20.29 -0.56 0.00	21.12 -0.37 0.00	23.71 -0.05 0.00	25.83 -0.53 0.00	29.05 -0.62 0.00	31.77 -0.62 0.00	33.20 -0.71 0.00	34.79 -0.75 0.00	35.32 -1.09 0.00	39.20 -1.63 -0.01	40.22 -1.52 -0.59	43.39 -2.08 -1.12	49.47 -0.82 -2.19	50.02 -0.74 -4.35	51.77 0.24 -3.08	44.24 -0.97 -1.19	41.19 -0.87 -0.75	37.45 -0.81 0.00	33.94 -0.24 0.00	30.62 0.24 0.00
STEPHTWN_115KV_BK_2 55603	26.92 1.13 0.00	24.44 1.10 0.00	22.86 1.03 0.00	21.83 0.94 0.00	21.75 0.90 0.00	22.50 1.01 0.00	24.85 1.09 0.00	27.62 1.27 0.00	31.10 1.42 0.00	33.87 1.49 0.00	35.47 1.56 0.00	37.21 1.67 0.00	38.14 1.57 -0.16	42.79 1.88 -0.08	51.24 1.89 -8.19	62.06 2.04 -15.67	81.14 2.31 -30.73	107.98 2.23 -59.34	93.31 2.33 -42.53	62.32 1.89 -16.41	53.35 1.74 -10.31	39.94 1.68 0.00	35.85 1.67 0.00	31.81 1.43 0.00
STEUBEN_REC_LFGE 323667	26.35 0.57 0.00	23.76 0.42 0.00	22.03 0.20 0.00	21.00 0.10 0.00	20.83 -0.02 0.00	21.75 0.26 0.00	24.40 0.64 0.00	26.83 0.47 0.00	30.18 0.50 0.00	32.90 0.52 0.00	34.49 0.58 0.00	35.93 0.39 0.00	36.67 0.25 0.00	40.92 0.08 -0.01	41.87 -0.08 -0.80	45.82 -0.04 -1.52	52.56 1.49 -2.96	53.83 1.53 -5.89	55.04 2.42 -4.16	47.03 1.41 -1.61	43.48 1.16 -1.01	39.17 0.92 0.00	35.00 0.82 0.00	31.57 1.18 0.00

STONY___BROOK 24151	35.08 3.04 -6.26	30.60 2.71 -4.55	25.68 2.55 -1.29	23.31 2.40 -0.02	24.65 2.36 -1.44	24.36 2.45 -0.42	26.53 2.75 -0.02	33.39 3.32 -3.71	35.49 3.80 -2.01	36.79 4.11 -0.29	43.12 3.97 -5.25	46.79 4.05 -7.20	54.60 4.11 -14.07	56.98 4.49 -11.66	130.71 4.36 -85.20	142.94 5.10 -93.49	217.29 5.87 -163.32	309.80 5.52 -257.87	251.60 5.47 -197.68	144.68 3.96 -96.70	127.61 3.43 -82.87	52.98 3.64 -11.08	44.35 3.86 -6.31	39.45 3.16 -5.91
STURGEON_POOL_HYD 23609	27.61 1.83 0.00	24.88 1.54 0.00	23.30 1.46 0.00	22.23 1.34 0.00	22.04 1.19 0.00	22.80 1.31 0.00	25.26 1.50 0.00	28.10 1.74 0.00	31.64 1.96 0.00	34.45 2.07 0.00	36.08 2.17 0.00	37.78 2.24 0.00	39.37 2.91 -0.04	43.77 2.90 -0.04	48.44 2.92 -4.36	56.05 3.42 -8.29	68.81 4.04 -16.66	80.52 3.71 -30.39	74.01 3.73 -21.83	55.18 2.42 -8.74	48.82 2.02 -5.49	40.51 2.26 0.00	36.26 2.08 0.00	32.05 1.67 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.46 1.68 0.00	24.79 1.45 0.00	23.19 1.35 0.00	22.13 1.23 0.00	21.98 1.13 0.00	22.76 1.27 0.00	25.23 1.47 0.00	28.10 1.74 0.00	31.64 1.96 0.00	34.49 2.10 0.00	36.08 2.17 0.00	37.78 2.24 0.00	38.21 2.44 0.64	43.60 2.74 -0.03	47.40 2.80 -3.45	53.35 3.19 -5.81	60.42 3.80 -8.51	75.64 3.48 -25.75	69.65 3.49 -17.71	53.27 2.33 -6.92	47.64 1.98 -4.34	40.32 2.07 0.00	36.16 1.98 0.00	31.99 1.61 0.00
SWANROAD_115KV_TB1 355699	25.09 -0.70 0.00	22.64 -0.70 0.00	21.00 -0.83 0.00	20.10 -0.79 0.00	19.87 -0.98 0.00	20.54 -0.95 0.00	23.12 -0.64 0.00	25.04 -1.32 0.00	28.14 -1.54 0.00	30.73 -1.65 0.00	32.18 -1.73 0.00	33.66 -1.88 0.00	34.12 -2.29 0.00	37.90 -2.94 -0.01	38.31 -3.37 -0.54	41.60 -3.77 -1.02	47.49 -2.60 -1.98	47.89 -2.46 -3.94	49.88 -1.36 -2.79	42.76 -2.33 -1.08	39.80 -2.19 -0.68	36.23 -2.03 0.00	32.64 -1.54 0.00	29.65 -0.73 0.00
SYNERGY___BIOGAS 323694	26.09 0.31 0.00	23.53 0.19 0.00	21.83 0.00 0.00	20.85 -0.04 0.00	20.62 -0.23 0.00	21.49 0.00 0.00	24.14 0.38 0.00	26.33 -0.03 0.00	29.62 -0.06 0.00	32.32 -0.06 0.00	33.77 -0.14 0.00	35.44 -0.11 0.00	35.98 -0.44 0.00	40.06 -0.78 0.00	40.98 -0.66 -0.49	44.08 -1.20 -0.92	50.05 0.14 -1.80	50.42 0.42 -3.59	52.44 1.45 -2.54	45.13 0.13 -0.98	42.18 0.25 -0.62	38.37 0.12 0.00	34.62 0.44 0.00	31.11 0.73 0.00
SYRACUSE___ENERGY_ST1 323597	25.78 0.00 0.00	23.32 -0.02 0.00	21.79 -0.04 0.00	20.83 -0.06 0.00	20.72 -0.13 0.00	21.45 -0.04 0.00	23.81 0.05 0.00	26.41 0.05 0.00	29.71 0.03 0.00	32.41 0.03 0.00	34.01 0.10 0.00	35.68 0.14 0.00	36.56 0.15 0.00	40.99 0.16 0.00	41.28 0.12 0.00	44.48 0.13 0.00	48.78 0.67 0.00	47.06 0.65 0.00	49.18 0.73 0.00	44.46 0.44 0.00	41.60 0.29 0.00	38.45 0.19 0.00	34.25 0.07 0.00	30.47 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	25.78 0.00 0.00	23.32 -0.02 0.00	21.79 -0.04 0.00	20.83 -0.06 0.00	20.72 -0.13 0.00	21.45 -0.04 0.00	23.81 0.05 0.00	26.41 0.05 0.00	29.71 0.03 0.00	32.41 0.03 0.00	34.01 0.10 0.00	35.68 0.14 0.00	36.56 0.15 0.00	40.99 0.16 0.00	41.28 0.12 0.00	44.48 0.13 0.00	48.78 0.67 0.00	47.06 0.65 0.00	49.18 0.73 0.00	44.46 0.44 0.00	41.60 0.29 0.00	38.45 0.19 0.00	34.25 0.07 0.00	30.47 0.09 0.00
SYRACUSE___POWER 24017	25.71 -0.08 0.00	23.25 -0.09 0.00	21.72 -0.11 0.00	20.77 -0.13 0.00	20.66 -0.19 0.00	21.38 -0.11 0.00	23.73 -0.02 0.00	26.30 -0.05 0.00	29.59 -0.09 0.00	32.28 -0.10 0.00	33.88 -0.03 0.00	35.54 0.00 0.00	36.42 0.00 0.00	40.83 0.00 0.00	41.46 -0.04 -0.34	44.96 -0.04 -0.65	49.86 0.48 -1.27	49.41 0.46 -2.53	50.82 0.58 -1.79	44.97 0.26 -0.69	41.91 0.17 -0.43	38.33 0.08 0.00	34.11 -0.07 0.00	30.38 0.00 0.00
TALLMAN__138KV_BK151 55660	27.67 1.88 0.00	25.00 1.66 0.00	23.38 1.55 0.00	22.31 1.42 0.00	22.16 1.31 0.00	22.95 1.46 0.00	25.42 1.66 0.00	28.36 2.00 0.00	31.93 2.26 0.00	34.81 2.43 0.00	36.42 2.51 0.00	38.10 2.56 0.00	38.28 2.77 0.90	44.01 3.14 -0.03	47.94 3.21 -3.58	53.78 3.68 -5.75	59.03 4.33 -6.60	76.97 3.94 -26.61	70.60 3.88 -18.27	53.73 2.55 -7.16	48.00 2.19 -4.50	40.51 2.26 0.00	36.40 2.22 0.00	32.14 1.76 0.00
TEALLAVE_115KV_TB7 355573	25.63 -0.15 0.00	23.16 -0.19 0.00	21.66 -0.17 0.00	20.70 -0.19 0.00	20.60 -0.25 0.00	21.32 -0.17 0.00	23.66 -0.10 0.00	26.20 -0.16 0.00	29.47 -0.21 0.00	32.15 -0.23 0.00	33.74 -0.17 0.00	35.40 -0.14 0.00	36.27 -0.15 0.00	40.67 -0.16 0.00	40.95 -0.21 0.00	44.13 -0.22 0.00	48.35 0.24 0.00	46.64 0.23 0.00	48.79 0.34 0.00	44.06 0.04 0.00	41.27 -0.04 0.00	38.14 -0.11 0.00	33.97 -0.21 0.00	30.26 -0.12 0.00
TELGRAPH_34_KV_EAST 80808	25.68 -0.10 0.00	23.18 -0.16 0.00	21.51 -0.33 0.00	20.54 -0.36 0.00	20.33 -0.52 0.00	21.13 -0.37 0.00	23.73 -0.02 0.00	25.83 -0.53 0.00	29.06 -0.62 0.00	31.73 -0.65 0.00	33.23 -0.68 0.00	34.69 -0.85 0.00	35.18 -1.24 0.00	39.16 -1.67 0.00	39.73 -1.93 -0.51	43.18 -2.13 -0.96	49.11 -0.87 -1.87	49.44 -0.70 -3.72	51.47 0.39 -2.63	44.29 -0.75 -1.02	41.25 -0.70 -0.64	37.53 -0.73 0.00	33.77 -0.41 0.00	30.53 0.15 0.00
TEMPLE___115KV_TB 2 55572	25.63 -0.15 0.00	23.18 -0.16 0.00	21.66 -0.17 0.00	20.73 -0.17 0.00	20.62 -0.23 0.00	21.34 -0.15 0.00	23.69 -0.07 0.00	26.23 -0.13 0.00	29.50 -0.18 0.00	32.19 -0.19 0.00	33.77 -0.14 0.00	35.44 -0.11 0.00	36.31 -0.11 0.00	40.71 -0.12 0.00	40.99 -0.16 0.00	44.17 -0.18 0.00	48.39 0.29 0.00	46.69 0.28 0.00	48.84 0.39 0.00	44.11 0.09 0.00	41.31 0.00 0.00	38.18 -0.08 0.00	34.01 -0.17 0.00	30.29 -0.09 0.00
TIANA____69_KV_BK 1 55817	35.44 3.40 -6.26	30.88 2.99 -4.55	25.96 2.84 -1.29	23.56 2.65 -0.02	24.83 2.54 -1.44	24.62 2.71 -0.42	26.91 3.14 -0.02	33.78 3.72 -3.71	35.99 4.30 -2.01	37.46 4.79 -0.29	44.16 4.68 -5.57	47.33 4.94 -6.85	57.44 5.21 -15.81	58.24 5.76 -11.65	115.25 5.80 -68.29	127.59 6.61 -76.63	188.81 7.60 -133.10	181.58 7.10 -128.07	205.84 7.22 -150.17	126.88 5.46 -77.40	111.93 4.67 -65.95	51.68 4.74 -8.68	43.10 4.55 -4.37	39.98 3.71 -5.89
TILDEN___115KV_TB1 80814	25.71 -0.08 0.00	23.25 -0.09 0.00	21.72 -0.11 0.00	20.77 -0.13 0.00	20.66 -0.19 0.00	21.38 -0.11 0.00	23.73 -0.02 0.00	26.30 -0.05 0.00	29.59 -0.09 0.00	32.28 -0.10 0.00	33.88 -0.03 0.00	35.54 0.00 0.00	36.42 0.00 0.00	40.83 0.00 0.00	41.46 -0.04 -0.34	44.96 -0.04 -0.65	49.86 0.48 -1.27	49.41 0.46 -2.53	50.82 0.58 -1.79	44.97 0.26 -0.69	41.91 0.17 -0.43	38.33 0.08 0.00	34.11 -0.07 0.00	30.38 0.00 0.00
TRIGEN___CC 323695	34.54 2.50 -6.26	30.09 2.19 -4.55	25.20 2.07 -1.29	22.85 1.94 -0.02	24.13 1.83 -1.44	23.86 1.96 -0.42	26.03 2.26 -0.02	32.78 2.71 -3.71	34.75 3.06 -2.01	35.94 3.27 -0.29	40.57 3.26 -3.41	43.21 3.41 -4.25	44.22 3.64 -4.16	56.51 4.04 -11.64	52.42 4.12 -7.15	64.59 4.61 -15.63	77.22 5.34 -23.78	80.09 4.97 -28.72	73.17 4.94 -19.78	55.12 3.52 -7.58	49.08 3.02 -4.75	41.43 3.18 0.00	46.41 3.21 -9.01	38.84 2.58 -5.88

TRINITY__115KV__4 BK 55933	26.69 0.90 0.00	24.25 0.91 0.00	22.71 0.87 0.00	21.69 0.79 0.00	21.58 0.73 0.00	22.33 0.84 0.00	24.64 0.88 0.00	27.36 1.00 0.00	30.81 1.13 0.00	33.55 1.17 0.00	35.13 1.22 0.00	36.86 1.32 0.00	37.85 1.27 -0.16	42.38 1.47 -0.08	50.98 1.44 -8.39	61.94 1.55 -16.03	81.32 1.78 -31.44	108.79 1.62 -60.76	93.64 1.65 -43.54	62.14 1.32 -16.80	53.06 1.20 -10.55	39.44 1.19 0.00	35.38 1.20 0.00	31.44 1.06 0.00
UNION__PROCESSING_DRP 323587	25.73 -0.05 0.00	23.30 -0.05 0.00	21.66 -0.17 0.00	20.66 -0.23 0.00	20.52 -0.33 0.00	21.34 -0.15 0.00	23.81 0.05 0.00	26.17 -0.18 0.00	29.44 -0.24 0.00	32.15 -0.23 0.00	33.71 -0.20 0.00	35.36 -0.18 0.00	36.05 -0.36 0.00	40.30 -0.53 0.00	40.74 -0.82 -0.41	44.25 -0.89 -0.78	49.77 0.14 -1.53	49.73 0.28 -3.04	51.57 0.97 -2.15	44.93 0.09 -0.83	41.79 -0.04 -0.52	38.10 -0.15 0.00	34.11 -0.07 0.00	30.62 0.24 0.00
UPPER HUDSON__HYD 24058	27.12 1.34 0.00	24.67 1.33 0.00	23.10 1.27 0.00	22.04 1.15 0.00	21.97 1.13 0.00	22.74 1.25 0.00	25.14 1.38 0.00	27.96 1.61 0.00	31.46 1.78 0.00	34.32 1.94 0.00	36.01 2.10 0.00	37.85 2.31 0.00	39.01 2.44 -0.15	44.09 3.14 -0.11	56.54 3.21 -12.18	71.00 3.46 -23.18	97.47 4.04 -45.32	138.85 3.94 -88.49	115.80 4.17 -63.18	72.10 3.70 -24.39	60.06 3.43 -15.32	41.32 3.06 0.00	36.54 2.36 0.00	32.45 2.07 0.00
UPPER RAQUET__HYD 24056	24.70 -1.08 0.00	22.29 -1.05 0.00	20.79 -1.05 0.00	19.95 -0.94 0.00	19.97 -0.87 0.00	20.50 -0.99 0.00	22.57 -1.19 0.00	25.01 -1.34 0.00	28.26 -1.42 0.00	30.93 -1.46 0.00	32.35 -1.56 0.00	33.87 -1.67 0.00	34.67 -1.75 0.00	38.95 -1.88 0.00	39.38 -1.77 0.00	42.36 -1.99 0.00	45.55 -2.55 0.00	44.18 -2.23 0.00	46.17 -2.28 0.00	42.61 -1.41 0.00	40.07 -1.24 0.00	36.95 -1.30 0.00	32.85 -1.33 0.00	29.17 -1.22 0.00
VALLEY44_115KV_TB2 355964	25.58 -0.21 0.00	23.09 -0.26 0.00	21.38 -0.46 0.00	20.33 -0.56 0.00	20.12 -0.73 0.00	21.06 -0.43 0.00	23.62 -0.14 0.00	25.70 -0.66 0.00	28.97 -0.71 0.00	31.64 -0.74 0.00	33.20 -0.71 0.00	34.69 -0.85 0.00	35.21 -1.20 0.00	39.08 -1.76 -0.01	39.85 -1.98 -0.67	43.45 -2.17 -1.27	49.53 -1.06 -2.49	50.29 -1.07 -4.95	51.61 -0.34 -3.50	44.09 -1.28 -1.35	40.88 -1.28 -0.85	37.07 -1.19 0.00	33.50 -0.68 0.00	30.32 -0.06 0.00
VALLEY__115KV_TB 1-4 80826	26.01 0.23 0.00	23.44 0.09 0.00	21.92 0.09 0.00	21.00 0.10 0.00	20.93 0.08 0.00	21.60 0.11 0.00	24.04 0.29 0.00	26.62 0.26 0.00	29.95 0.27 0.00	32.71 0.32 0.00	34.25 0.34 0.00	35.90 0.36 0.00	36.78 0.36 0.00	41.24 0.41 0.00	41.65 0.49 0.00	44.84 0.49 0.00	48.87 0.77 0.00	47.20 0.79 0.00	49.23 0.78 0.00	44.72 0.70 0.00	41.85 0.54 0.00	38.68 0.42 0.00	34.45 0.27 0.00	30.65 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.28 1.50 0.00	24.70 1.35 0.00	23.08 1.24 0.00	22.10 1.21 0.00	21.93 1.08 0.00	22.76 1.27 0.00	25.18 1.43 0.00	27.94 1.58 0.00	31.43 1.75 0.00	34.29 1.91 0.00	35.88 1.97 0.00	37.67 2.13 0.00	38.64 2.22 -0.03	43.31 2.45 -2.71	46.41 2.55 -5.12	52.13 2.66 -9.99	61.41 3.32 -19.87	69.53 3.25 -14.04	65.89 3.39 -5.42	52.44 2.99 -3.41	47.36 2.64 0.00	40.70 2.45 0.00	36.16 1.98 0.00	32.08 1.70 0.00
VISCHER__FERRY HYD 24020	27.07 1.29 0.00	24.60 1.26 0.00	23.01 1.18 0.00	21.98 1.09 0.00	21.91 1.06 0.00	22.67 1.18 0.00	25.02 1.26 0.00	27.78 1.42 0.00	31.25 1.57 0.00	34.00 1.62 0.00	35.67 1.76 0.00	37.42 1.88 0.00	38.58 2.00 -0.16	43.22 2.29 -0.10	54.16 2.30 -10.71	67.21 2.44 -20.42	90.61 2.74 -39.77	126.45 2.60 -77.44	106.78 2.76 -55.57	67.79 2.33 -21.44	56.97 2.19 -13.47	40.32 2.06 0.00	35.92 1.74 0.00	31.96 1.58 0.00
V_A_10_SYNC_DSASP 323832	25.27 -0.52 0.00	22.85 -0.49 0.00	21.22 -0.61 0.00	20.24 -0.65 0.00	20.06 -0.79 0.00	20.91 -0.58 0.00	23.38 -0.38 0.00	25.51 -0.84 0.00	28.70 -0.98 0.00	31.31 -1.07 0.00	32.82 -1.09 0.00	34.33 -1.21 0.00	34.89 -1.53 0.00	38.87 -1.96 0.00	39.32 -2.30 -0.47	42.72 -2.53 -0.89	48.45 -1.40 -1.74	48.58 -1.30 -3.47	50.52 -0.39 -2.45	43.64 -1.32 -0.95	40.58 -1.32 -0.59	36.95 -1.30 0.00	33.22 -0.96 0.00	30.02 -0.36 0.00
V_CMM_10_SYNC_DSASP 323787	25.27 -0.52 0.00	22.85 -0.49 0.00	21.33 -0.50 0.00	20.45 -0.44 0.00	20.47 -0.37 0.00	21.02 -0.47 0.00	23.17 -0.59 0.00	25.75 -0.61 0.00	29.05 -0.62 0.00	31.80 -0.58 0.00	33.30 -0.61 0.00	34.83 -0.71 0.00	35.65 -0.77 0.00	40.05 -0.78 0.00	40.37 -0.78 0.00	43.46 -0.89 0.00	46.66 -1.44 0.00	45.11 -1.30 0.00	47.04 -1.41 0.00	43.23 -0.79 0.00	40.69 -0.62 0.00	37.57 -0.69 0.00	33.53 -0.65 0.00	29.80 -0.58 0.00
V_CMP_10_SYNC_DSASP 323788	25.60 -0.18 0.00	23.23 -0.12 0.00	21.64 -0.20 0.00	20.70 -0.19 0.00	20.75 -0.10 0.00	21.30 -0.19 0.00	23.33 -0.43 0.00	26.23 -0.13 0.00	29.89 0.21 0.00	32.77 0.39 0.00	34.15 0.24 0.00	35.54 0.00 0.00	36.24 -0.18 0.00	40.71 -0.12 0.00	41.11 -0.04 0.00	44.26 -0.09 0.00	48.01 -0.10 0.00	46.92 0.51 0.00	48.99 0.53 0.00	44.85 0.83 0.00	42.26 0.95 0.00	38.83 0.57 0.00	34.66 0.48 0.00	30.81 0.43 0.00
V_E_10_SYNC_DSASP 323830	27.95 2.17 0.00	25.07 1.73 0.00	23.32 1.49 0.00	22.38 1.48 0.00	22.18 1.34 0.00	23.04 1.55 0.00	25.90 2.14 0.00	28.52 2.16 0.00	31.84 2.17 0.00	34.61 2.23 0.00	36.15 2.24 0.00	38.07 2.52 0.00	38.96 2.55 0.00	43.62 2.78 -0.01	45.72 3.09 -1.48	50.30 3.15 -2.80	58.09 4.52 -5.47	62.16 4.87 -10.88	61.61 5.47 -7.69	52.27 5.28 -2.97	47.84 4.67 -1.86	42.31 4.05 0.00	37.19 3.01 0.00	33.06 2.67 0.00
V_F_30_NSYNC__DSASP 323816	27.41 1.63 0.00	24.91 1.56 0.00	23.30 1.46 0.00	22.25 1.36 0.00	22.18 1.34 0.00	22.95 1.46 0.00	25.35 1.59 0.00	28.17 1.82 0.00	31.70 2.02 0.00	34.52 2.14 0.00	36.22 2.31 0.00	38.03 2.49 0.00	39.19 2.62 -0.15	44.13 3.19 -0.11	56.36 3.21 -12.00	70.66 3.46 -22.85	96.70 3.95 -44.65	137.37 3.81 -87.15	114.73 4.02 -62.26	71.57 3.52 -24.03	59.67 3.26 -15.09	41.24 2.99 0.00	36.64 2.46 0.00	32.57 2.19 0.00
V_F_30_SYNC_DSASP 323786	26.79 1.01 0.00	24.35 1.00 0.00	22.79 0.96 0.00	21.75 0.86 0.00	21.66 0.81 0.00	22.41 0.92 0.00	24.73 0.97 0.00	27.46 1.11 0.00	30.96 1.28 0.00	33.71 1.33 0.00	35.30 1.39 0.00	37.07 1.53 0.00	38.07 1.49 -0.16	42.67 1.76 -0.09	52.18 1.73 -9.30	63.96 1.86 -17.75	84.99 2.12 -34.77	115.77 1.95 -67.41	98.73 2.03 -48.25	64.26 1.63 -18.62	54.49 1.49 -11.69	39.71 1.45 0.00	35.58 1.40 0.00	31.63 1.25 0.00
V_XM_10_SYNC_DSASP 323789	25.60 -0.18 0.00	23.23 -0.12 0.00	21.64 -0.20 0.00	20.70 -0.19 0.00	20.75 -0.10 0.00	21.30 -0.19 0.00	23.33 -0.43 0.00	26.23 -0.13 0.00	29.89 0.21 0.00	32.77 0.39 0.00	34.15 0.24 0.00	35.54 0.00 0.00	36.24 -0.18 0.00	40.71 -0.12 0.00	41.11 -0.04 0.00	44.26 -0.09 0.00	48.01 -0.10 0.00	46.92 0.51 0.00	48.99 0.53 0.00	44.85 0.83 0.00	42.26 0.95 0.00	38.83 0.57 0.00	34.66 0.48 0.00	30.81 0.43 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.77 1.99 0.00	25.09 1.75 0.00	23.47 1.64 0.00	22.40 1.50 0.00	22.23 1.38 0.00	23.02 1.53 0.00	25.52 1.76 0.00	28.44 2.08 0.00	32.05 2.37 0.00	34.94 2.56 0.00	36.52 2.61 0.00	38.21 2.67 0.00	38.30 2.88 0.99	44.13 3.27 -0.03	48.09 3.33 -3.60	53.86 3.81 -5.70	57.94 4.47 -5.36	77.34 4.13 -26.79	70.91 4.07 -18.39	53.96 2.73 -7.22	48.16 2.31 -4.53	40.67 2.41 0.00	36.50 2.32 0.00	32.23 1.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.08 2.29 0.00	25.31 1.96 0.00	23.67 1.83 0.00	22.63 1.73 0.00	22.48 1.63 0.00	23.21 1.72 0.00	25.80 2.04 0.00	28.94 2.58 0.00	32.62 2.94 0.00	35.52 3.14 0.00	37.13 3.22 0.00	38.85 3.31 0.00	40.63 3.57 -0.64	44.87 4.00 -0.04	49.00 4.07 -3.78	56.82 4.61 -7.86	77.11 5.39 -23.62	80.13 5.01 -28.71	73.22 4.99 -19.77	54.80 3.21 -7.56	48.83 2.77 -4.75	41.16 2.91 0.00	37.12 2.94 0.00	32.75 2.37 0.00
W50THST__13_KV_LOAD 356117	28.26 2.48 0.00	25.45 2.10 0.00	23.80 1.97 0.00	22.75 1.86 0.00	22.60 1.75 0.00	23.36 1.87 0.00	25.99 2.23 0.00	29.18 2.82 0.00	32.85 3.18 0.00	35.78 3.40 0.00	37.44 3.53 0.00	39.13 3.59 0.00	40.95 3.90 -0.64	45.23 4.37 -0.04	49.37 4.44 -3.78	57.17 4.97 -7.86	77.50 5.77 -23.62	80.50 5.38 -28.71	73.65 5.43 -19.77	55.10 3.52 -7.56	49.08 3.02 -4.75	41.39 3.14 0.00	37.29 3.11 0.00	32.96 2.58 0.00
WADING RIVER_IC_1 23522	34.93 2.89 -6.26	30.44 2.54 -4.55	25.57 2.44 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.25 2.34 -0.42	26.53 2.75 -0.02	33.31 3.24 -3.71	35.34 3.65 -2.01	36.75 4.08 -0.29	43.27 3.80 -5.56	46.33 3.94 -6.84	56.37 4.19 -15.77	57.09 4.61 -11.65	113.79 4.49 -68.15	126.16 5.32 -76.49	187.16 6.21 -132.85	238.44 5.80 -186.23	203.85 5.81 -149.59	125.48 4.23 -77.24	110.71 3.59 -65.81	50.67 3.75 -8.66	43.69 3.69 -5.81	39.33 3.04 -5.91
WADING RIVER_IC_2 23547	34.93 2.89 -6.26	30.44 2.54 -4.55	25.57 2.44 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.25 2.34 -0.42	26.53 2.75 -0.02	33.31 3.24 -3.71	35.34 3.65 -2.01	36.75 4.08 -0.29	43.27 3.80 -5.56	46.33 3.94 -6.84	56.37 4.19 -15.77	57.09 4.61 -11.65	113.79 4.49 -68.15	126.16 5.32 -76.49	187.16 6.21 -132.85	238.44 5.80 -186.23	203.85 5.81 -149.59	125.48 4.23 -77.24	110.71 3.59 -65.81	50.67 3.75 -8.66	43.69 3.69 -5.81	39.33 3.04 -5.91
WADING RIVER_IC_3 23601	34.93 2.89 -6.26	30.44 2.54 -4.55	25.57 2.44 -1.29	23.19 2.28 -0.02	24.52 2.23 -1.44	24.25 2.34 -0.42	26.53 2.75 -0.02	33.31 3.24 -3.71	35.34 3.65 -2.01	36.75 4.08 -0.29	43.27 3.80 -5.56	46.33 3.94 -6.84	56.37 4.19 -15.77	57.09 4.61 -11.65	113.79 4.49 -68.15	126.16 5.32 -76.49	187.16 6.21 -132.85	238.44 5.80 -186.23	203.85 5.81 -149.59	125.48 4.23 -77.24	110.71 3.59 -65.81	50.67 3.75 -8.66	43.69 3.69 -5.81	39.33 3.04 -5.91
WALDENNY_I2_KV_BK2 80841	25.68 -0.10 0.00	23.16 -0.19 0.00	21.48 -0.35 0.00	20.47 -0.42 0.00	20.27 -0.58 0.00	21.13 -0.37 0.00	23.71 -0.05 0.00	25.80 -0.55 0.00	29.09 -0.59 0.00	31.77 -0.62 0.00	33.30 -0.61 0.00	34.83 -0.71 0.00	35.36 -1.06 0.00	39.33 -1.51 -0.01	39.85 -1.89 -0.59	43.42 -2.04 -1.11	49.50 -0.77 -2.17	49.98 -0.74 -4.31	51.79 0.29 -3.05	44.40 -0.79 -1.18	41.22 -0.83 -0.74	37.45 -0.80 0.00	33.74 -0.44 0.00	30.56 0.18 0.00
WALDEN___HYDRO 24148	27.74 1.96 0.00	25.05 1.70 0.00	23.43 1.59 0.00	22.33 1.44 0.00	22.20 1.35 0.00	22.95 1.46 0.00	25.40 1.64 0.00	28.23 1.87 0.00	31.79 2.11 0.00	34.61 2.23 0.00	36.22 2.31 0.00	37.89 2.35 0.00	38.88 2.62 0.16	43.81 2.94 -0.03	47.69 2.88 -3.66	54.60 3.50 -6.74	65.15 4.14 -12.91	77.70 3.90 -27.39	71.41 4.02 -18.94	54.21 2.86 -7.34	48.40 2.48 -4.61	40.78 2.52 0.00	36.47 2.29 0.00	32.27 1.88 0.00
WARRENSBURG____ 23737	27.12 1.34 0.00	24.67 1.33 0.00	23.10 1.27 0.00	22.04 1.15 0.00	21.97 1.13 0.00	22.74 1.25 0.00	25.14 1.38 0.00	27.96 1.61 0.00	31.46 1.78 0.00	34.32 1.94 0.00	36.01 2.10 0.00	37.85 2.31 0.00	39.01 2.44 -0.15	44.09 3.14 -0.11	56.54 3.21 -12.18	71.00 3.46 -23.18	97.47 4.04 -45.32	138.85 3.94 -88.49	115.80 4.17 -63.18	72.10 3.70 -24.39	60.06 3.43 -15.32	41.32 3.06 0.00	36.54 2.36 0.00	32.45 2.07 0.00
WATERSIDE___6 8 9 23538	28.13 2.35 0.00	25.35 2.01 0.00	23.71 1.88 0.00	22.67 1.78 0.00	22.52 1.67 0.00	23.21 1.72 0.00	25.71 1.95 0.00	29.00 2.64 -0.01	32.65 2.97 -0.01	35.61 3.24 0.01	37.16 3.26 0.00	38.84 3.31 0.01	40.59 3.53 -0.64	44.70 3.84 -0.04	48.80 3.87 -3.78	53.70 4.48 -4.87	73.98 5.29 -20.58	79.98 4.87 -28.70	72.83 4.70 -19.67	54.44 2.86 -7.56	48.49 2.44 -4.74	41.12 2.87 0.01	37.25 3.08 0.01	32.81 2.43 0.00
WATKINRD_115KV_LN8_ILLION 55919	25.96 0.18 0.00	23.44 0.09 0.00	21.92 0.09 0.00	20.98 0.08 0.00	20.91 0.06 0.00	21.60 0.11 0.00	23.95 0.19 0.00	26.52 0.16 0.00	29.86 0.18 0.00	32.58 0.19 0.00	34.11 0.20 0.00	35.76 0.21 0.00	36.63 0.22 0.00	41.08 0.24 0.00	41.48 0.33 0.00	44.71 0.35 0.00	48.63 0.53 0.00	46.97 0.56 0.00	49.03 0.58 0.00	44.50 0.48 0.00	41.73 0.41 0.00	38.60 0.34 0.00	34.42 0.24 0.00	30.59 0.21 0.00
WATSON___69_KV_BK 1 55734	35.39 3.35 -6.26	30.84 2.94 -4.55	25.87 2.75 -1.29	23.48 2.57 -0.02	24.77 2.48 -1.44	24.55 2.64 -0.42	26.82 3.04 -0.02	33.70 3.64 -3.71	35.85 4.16 -2.01	37.17 4.50 -0.29	45.87 4.51 -7.45	46.94 4.66 -6.75	67.26 4.95 -25.89	57.79 5.31 -11.65	84.24 5.39 -37.70	96.57 6.12 -46.10	133.57 7.07 -78.39	134.02 6.64 -80.98	140.60 6.69 -85.46	91.54 5.06 -42.46	80.97 4.34 -35.33	47.11 4.51 -4.34	43.97 4.48 -5.31	40.03 3.71 -5.94
WDELAWARE___HYD 323627	27.64 1.86 0.00	24.84 1.50 0.00	23.21 1.38 0.00	22.15 1.25 0.00	22.00 1.15 0.00	22.74 1.25 0.00	25.23 1.47 0.00	27.99 1.63 0.00	31.52 1.84 0.00	34.32 1.94 0.00	35.91 2.00 0.00	37.64 2.10 0.00	38.76 2.44 0.10	43.60 2.74 -0.03	47.30 2.67 -3.47	54.08 3.28 -6.45	64.59 4.04 -12.44	75.23 3.85 -24.97	70.04 3.97 -17.62	53.74 2.77 -6.95	48.03 2.35 -4.37	40.71 2.45 0.00	36.30 2.12 0.00	32.05 1.67 0.00
WEST BABYLON___IC 23714	35.24 3.20 -6.26	30.72 2.82 -4.55	25.76 2.64 -1.29	23.37 2.47 -0.02	24.67 2.38 -1.44	24.44 2.54 -0.42	26.67 2.90 -0.02	33.54 3.48 -3.71	35.64 3.95 -2.01	36.91 4.24 -0.29	43.37 4.31 -5.15	45.15 4.44 -5.16	54.62 4.66 -13.54	57.45 4.98 -11.64	60.72 5.06 -14.51	73.08 5.77 -22.97	91.72 6.69 -36.93	88.98 6.31 -36.26	88.64 6.35 -33.84	64.75 4.75 -15.98	57.51 4.09 -12.11	43.58 4.28 -1.04	43.23 4.31 -4.74	39.81 3.52 -5.91
WEST CANADA___HYD 24049	25.86 0.08 0.00	23.41 0.07 0.00	21.90 0.07 0.00	20.96 0.06 0.00	20.89 0.04 0.00	21.56 0.06 0.00	23.83 0.07 0.00	26.41 0.05 0.00	29.74 0.06 0.00	32.41 0.03 0.00	33.94 0.03 0.00	35.61 0.07 0.00	36.49 0.07 0.00	40.87 0.04 0.00	41.28 0.12 0.00	44.44 0.09 0.00	48.35 0.24 0.00	46.64 0.23 0.00	48.69 0.24 0.00	44.15 0.13 0.00	41.44 0.12 0.00	38.41 0.15 0.00	34.28 0.10 0.00	30.47 0.09 0.00

WESTERN_NY_WIND 24143	26.07 0.28 0.00	23.51 0.16 0.00	21.81 -0.02 0.00	20.81 -0.08 0.00	20.58 -0.27 0.00	21.45 -0.04 0.00	24.09 0.33 0.00	26.28 -0.08 0.00	29.56 -0.12 0.00	32.28 -0.10 0.00	33.71 -0.20 0.00	35.37 -0.18 0.00	35.91 -0.51 0.00	39.98 -0.86 0.00	40.87 -0.78 -0.50	44.00 -1.29 -0.94	49.98 0.05 -1.83	50.38 0.33 -3.64	52.38 1.35 -2.57	45.06 0.04 -0.99	42.10 0.17 -0.62	38.29 0.04 0.00	34.59 0.41 0.00	31.08 0.70 0.00
WESTOVER___LESR 323668	26.20 0.41 0.00	23.65 0.30 0.00	22.05 0.22 0.00	21.06 0.17 0.00	20.93 0.08 0.00	21.73 0.24 0.00	24.16 0.40 0.00	26.73 0.37 0.00	30.07 0.39 0.00	32.80 0.42 0.00	34.38 0.47 0.00	36.04 0.50 0.00	36.85 0.44 0.00	41.29 0.45 -0.01	42.81 0.41 -1.25	47.15 0.44 -2.36	53.86 1.15 -4.60	56.67 1.11 -9.15	56.32 1.41 -6.46	47.39 0.88 -2.50	43.58 0.70 -1.57	38.87 0.61 0.00	34.69 0.51 0.00	30.96 0.58 0.00
WETHRSFD_WT_PWR 323626	25.63 -0.15 0.00	23.11 -0.23 0.00	21.42 -0.42 0.00	20.43 -0.46 0.00	20.29 -0.56 0.00	21.10 -0.39 0.00	23.64 -0.12 0.00	25.86 -0.50 0.00	29.11 -0.56 0.00	31.80 -0.58 0.00	33.20 -0.71 0.00	34.79 -0.75 0.00	35.36 -1.06 0.00	39.33 -1.51 -0.01	40.42 -1.40 -0.67	43.80 -1.82 -1.27	50.01 -0.58 -2.48	50.88 -0.46 -4.93	52.32 0.39 -3.48	44.75 -0.62 -1.35	41.58 -0.58 -0.85	37.68 -0.57 0.00	34.01 -0.17 0.00	30.65 0.27 0.00
WHAVSTOR_138KV_BK127 55557	27.61 1.83 0.00	24.98 1.63 0.00	23.36 1.53 0.00	22.31 1.42 0.00	22.14 1.29 0.00	22.93 1.44 0.00	25.40 1.64 0.00	28.31 1.95 0.00	31.88 2.20 0.00	34.78 2.40 0.00	36.32 2.41 0.00	37.99 2.45 0.00	38.06 2.66 1.01	43.89 3.02 -0.03	47.81 3.05 -3.61	53.54 3.50 -5.69	57.36 4.14 -5.12	77.00 3.76 -26.83	70.59 3.73 -18.41	53.67 2.42 -7.23	47.92 2.07 -4.54	40.40 2.14 0.00	36.30 2.12 0.00	32.08 1.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.61 1.83 0.00	24.98 1.63 0.00	23.36 1.53 0.00	22.31 1.42 0.00	22.14 1.29 0.00	22.93 1.44 0.00	25.40 1.64 0.00	28.31 1.95 0.00	31.88 2.20 0.00	34.78 2.40 0.00	36.32 2.41 0.00	37.99 2.45 0.00	38.06 2.66 1.01	43.89 3.02 -0.03	47.81 3.05 -3.61	53.54 3.50 -5.69	57.36 4.14 -5.12	77.00 3.76 -26.83	70.59 3.73 -18.41	53.67 2.42 -7.23	47.92 2.07 -4.54	40.40 2.14 0.00	36.30 2.12 0.00	32.08 1.70 0.00
WHITEHAL_115KV_TB1 80871	27.90 2.11 0.00	25.35 2.01 0.00	23.71 1.88 0.00	22.61 1.71 0.00	22.52 1.67 0.00	23.36 1.87 0.00	25.90 2.14 0.00	28.86 2.50 0.00	32.47 2.79 0.00	35.39 3.01 0.00	37.10 3.19 0.00	39.06 3.52 0.00	40.25 3.68 -0.15	45.68 4.74 -0.11	58.07 4.81 -12.10	72.59 5.19 -23.05	99.16 6.01 -45.04	140.29 5.94 -87.94	117.65 6.40 -62.80	74.02 5.77 -24.24	61.87 5.33 -15.22	42.96 4.71 0.00	37.87 3.69 0.00	33.60 3.22 0.00
WHITEPLN_13_KV_LOAD 356215	28.15 2.37 0.00	25.28 1.94 0.00	23.65 1.81 0.00	22.58 1.69 0.00	22.43 1.58 0.00	23.21 1.72 0.00	25.85 2.09 0.00	29.05 2.69 0.00	32.74 3.06 0.00	35.72 3.34 0.00	37.37 3.46 0.00	39.13 3.59 0.00	41.07 3.97 -0.68	45.32 4.45 -0.04	49.45 4.53 -3.77	57.46 5.23 -7.88	78.28 5.87 -24.31	80.39 5.34 -28.64	73.76 5.57 -19.73	55.52 3.96 -7.54	49.36 3.30 -4.74	41.55 3.29 0.00	37.32 3.14 0.00	32.90 2.52 0.00
WM_FLOYD_69_KV_BK2 356380	35.08 3.04 -6.26	30.56 2.66 -4.55	25.66 2.53 -1.29	23.25 2.34 -0.02	24.54 2.25 -1.44	24.32 2.41 -0.42	26.60 2.83 -0.02	33.41 3.35 -3.71	35.52 3.83 -2.01	36.85 4.18 -0.29	43.51 4.00 -5.60	46.59 4.16 -6.89	56.81 4.41 -15.98	57.30 4.82 -11.65	115.18 4.90 -69.13	127.35 5.54 -77.46	189.14 6.45 -134.59	188.15 6.03 -135.70	207.85 6.10 -153.29	126.90 4.53 -78.35	111.98 3.88 -66.78	51.07 4.02 -8.80	42.67 4.00 -4.49	39.53 3.25 -5.90
WOODARD___115KV_TB2 355635	25.58 -0.21 0.00	23.13 -0.21 0.00	21.62 -0.22 0.00	20.66 -0.23 0.00	20.58 -0.27 0.00	21.30 -0.19 0.00	23.62 -0.14 0.00	26.17 -0.18 0.00	29.44 -0.24 0.00	32.12 -0.26 0.00	33.71 -0.20 0.00	35.36 -0.18 0.00	36.23 -0.18 0.00	40.63 -0.20 0.00	40.86 -0.29 0.00	44.08 -0.27 0.00	48.25 0.14 0.00	46.55 0.14 0.00	48.69 0.24 0.00	44.02 0.00 0.00	41.19 -0.12 0.00	38.10 -0.15 0.00	33.94 -0.24 0.00	30.20 -0.18 0.00
YORK___WARBASSE 23770	28.32 2.53 -0.01	25.49 2.15 0.00	23.82 1.99 0.00	22.79 1.90 0.00	22.62 1.77 0.00	23.25 1.76 0.00	25.75 2.00 0.00	29.13 2.77 -0.01	32.83 3.15 -0.01	39.95 3.46 -4.11	37.37 3.46 0.00	39.15 3.55 -0.06	40.81 3.75 -0.64	44.91 4.04 -0.04	49.04 4.12 -3.78	77.92 4.79 -28.78	98.56 5.63 -44.83	80.37 5.20 -28.76	74.79 5.09 -21.25	54.70 3.13 -7.56	48.70 2.64 -4.74	41.49 3.18 -0.06	37.64 3.35 -0.11	33.02 2.64 0.00