

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/02/2021

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	30.90	29.18	27.95	27.41	31.18	31.04	41.25	43.27	42.71	37.16	37.02	34.33	33.69	32.44	30.73	31.53	33.77	47.70	49.26	44.76	37.08	33.75	31.69	29.53
24138	0.67	0.66	0.76	0.77	0.15	0.35	0.60	0.81	1.16	1.09	1.12	1.36	1.14	0.98	0.85	0.82	1.11	1.17	1.60	1.32	1.14	1.10	0.81	0.64
	-23.63	-22.02	-19.66	-19.08	-28.83	-26.01	-33.19	-33.81	-30.76	-25.44	-25.25	-20.02	-21.92	-22.44	-22.26	-23.23	-22.04	-35.58	-32.24	-31.41	-24.57	-22.03	-23.26	-22.50
74TH STREET_GT_1	30.90	29.18	27.95	27.40	31.18	31.03	41.25	43.26	42.72	37.17	37.02	34.33	33.69	32.44	30.73	31.53	33.77	47.71	49.27	44.75	37.06	33.73	31.68	29.53
24260	0.67	0.66	0.75	0.76	0.14	0.35	0.59	0.79	1.16	1.09	1.12	1.36	1.14	0.98	0.84	0.82	1.11	1.17	1.60	1.31	1.12	1.08	0.80	0.64
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
74TH STREET_GT_2	30.90	29.18	27.95	27.40	31.18	31.03	41.25	43.26	42.72	37.17	37.02	34.33	33.69	32.44	30.73	31.53	33.77	47.71	49.27	44.75	37.06	33.73	31.68	29.53
24261	0.67	0.66	0.75	0.76	0.14	0.35	0.59	0.79	1.16	1.09	1.12	1.36	1.14	0.98	0.84	0.82	1.11	1.17	1.60	1.31	1.12	1.08	0.80	0.64
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
ADK HUDSON__FALLS	40.95	38.55	36.33	35.53	54.46	51.98	64.85	67.38	64.54	55.30	54.92	48.43	49.14	48.24	46.37	47.89	49.23	72.58	71.69	66.52	54.31	49.06	47.94	45.22
24011	0.69	0.68	0.78	0.79	0.17	0.31	0.66	0.76	1.00	1.04	0.98	1.17	0.92	0.75	0.59	0.60	0.83	0.85	1.20	0.84	0.97	0.82	0.59	0.40
	-33.66	-31.37	-28.01	-27.19	-52.08	-47.00	-56.71	-57.98	-52.74	-43.61	-43.29	-34.31	-37.58	-38.47	-38.16	-39.82	-37.78	-60.78	-55.07	-53.66	-41.97	-37.62	-39.74	-38.44
ADK RESOURCE__RCVRY	41.01	38.61	36.39	35.59	54.53	52.06	64.95	67.51	64.67	55.42	55.04	48.55	49.24	48.33	46.46	47.97	49.33	72.71	71.85	66.65	54.43	49.17	48.03	45.29
23798	0.73	0.71	0.82	0.82	0.18	0.34	0.71	0.82	1.08	1.12	1.05	1.24	0.99	0.80	0.63	0.63	0.89	0.92	1.30	0.91	1.05	0.88	0.62	0.42
	-33.69	-31.40	-28.03	-27.21	-52.14	-47.05	-56.78	-58.04	-52.80	-43.66	-43.34	-34.35	-37.62	-38.51	-38.20	-39.87	-37.82	-60.84	-55.13	-53.72	-42.01	-37.67	-39.78	-38.48
ADK S GLENS__FALLS	40.95	38.55	36.33	35.53	54.46	51.98	64.85	67.38	64.54	55.30	54.92	48.43	49.14	48.24	46.37	47.89	49.23	72.58	71.69	66.52	54.31	49.06	47.94	45.22
24028	0.69	0.68	0.78	0.79	0.17	0.31	0.66	0.76	1.00	1.04	0.98	1.17	0.92	0.75	0.59	0.60	0.83	0.85	1.20	0.84	0.97	0.82	0.59	0.40
	-33.66	-31.37	-28.01	-27.19	-52.08	-47.00	-56.71	-57.98	-52.74	-43.61	-43.29	-34.31	-37.58	-38.47	-38.16	-39.82	-37.78	-60.78	-55.07	-53.66	-41.97	-37.62	-39.74	-38.44
ADK_NYS__DAM	39.14	36.87	34.81	34.06	50.25	48.19	60.53	62.96	60.48	51.87	51.57	45.74	46.26	45.33	43.53	44.91	46.42	68.07	67.60	62.63	51.11	46.28	44.99	42.42
23527	0.66	0.64	0.75	0.76	0.14	0.29	0.56	0.67	0.89	0.87	0.86	1.04	0.85	0.71	0.60	0.59	0.84	0.85	1.20	0.94	0.89	0.83	0.59	0.45
	-31.89	-29.72	-26.53	-25.76	-47.90	-43.23	-52.50	-53.65	-48.80	-40.36	-40.06	-31.75	-34.78	-35.60	-35.31	-36.85	-34.96	-56.27	-50.98	-49.67	-38.85	-34.83	-36.79	-35.58
AIR_PRODUCTS__DRP	38.68	36.43	34.33	33.57	50.03	47.88	60.56	62.83	60.04	51.37	51.07	45.04	45.74	44.93	43.23	44.63	45.91	67.67	66.85	62.09	50.56	45.75	44.67	42.19
24190	0.34	0.34	0.38	0.38	0.05	0.09	0.25	0.17	0.11	0.10	0.08	0.12	0.10	0.07	0.05	0.05	0.10	0.08	0.11	0.06	0.08	0.06	0.02	-0.01
	-31.75	-29.59	-26.41	-25.64	-47.78	-43.11	-52.85	-54.01	-49.13	-40.63	-40.33	-31.97	-35.01	-35.84	-35.55	-37.10	-35.20	-56.64	-51.32	-50.01	-39.11	-35.06	-37.03	-35.82
ALBANY__1	38.68	36.43	34.33	33.57	50.03	47.88	60.56	62.83	60.04	51.37	51.07	45.04	45.74	44.93	43.23	44.63	45.91	67.67	66.85	62.09	50.56	45.75	44.67	42.19
23571	0.34	0.34	0.38	0.38	0.05	0.09	0.25	0.17	0.11	0.10	0.08	0.12	0.10	0.07	0.05	0.05	0.10	0.08	0.11	0.06	0.08	0.06	0.02	-0.01
	-31.75	-29.59	-26.41	-25.64	-47.78	-43.11	-52.85	-54.01	-49.13	-40.63	-40.33	-31.97	-35.01	-35.84	-35.55	-37.10	-35.20	-56.64	-51.32	-50.01	-39.11	-35.06	-37.03	-35.82
ALBANY__2	38.68	36.43	34.33	33.57	50.03	47.88	60.56	62.83	60.04	51.37	51.07	45.04	45.74	44.93	43.23	44.63	45.91	67.67	66.85	62.09	50.56	45.75	44.67	42.19
23572	0.34	0.34	0.38	0.38	0.05	0.09	0.25	0.17	0.11	0.10	0.08	0.12	0.10	0.07	0.05	0.05	0.10	0.08	0.11	0.06	0.08	0.06	0.02	-0.01
	-31.75	-29.59	-26.41	-25.64	-47.78	-43.11	-52.85	-54.01	-49.13	-40.63	-40.33	-31.97	-35.01	-35.84	-35.55	-37.10	-35.20	-56.64	-51.32	-50.01	-39.11	-35.06	-37.03	-35.82
ALBANY__3	38.68	36.43	34.33	33.57	50.03	47.88	60.56	62.83	60.04	51.37	51.07	45.04	45.74	44.93	43.23	44.63	45.91	67.67	66.85	62.09	50.56	45.75	44.67	42.19
23573	0.34	0.34	0.38	0.38	0.05	0.09	0.25	0.17	0.11	0.10	0.08	0.12	0.10	0.07	0.05	0.05	0.10	0.08	0.11	0.06	0.08	0.06	0.02	-0.01
	-31.75	-29.59	-26.41	-25.64	-47.78	-43.11	-52.85	-54.01	-49.13	-40.63	-40.33	-31.97	-35.01	-35.84	-35.55	-37.10	-35.20	-56.64	-51.32	-50.01	-39.11	-35.06	-37.03	-35.82
ALBANY__4	38.68	36.43	34.33	33.57	50.03	47.88	60.56	62.83	60.04	51.37	51.07	45.04	45.74	44.93	43.23	44.63	45.91	67.67	66.85	62.09	50.56	45.75	44.67	42.19
23574	0.34	0.34	0.38	0.38	0.05	0.09	0.25	0.17	0.11	0.10	0.08	0.12	0.10	0.07	0.05	0.05	0.10	0.08	0.11	0.06	0.08	0.06	0.02	-0.01
	-31.75	-29.59	-26.41	-25.64	-47.78	-43.11	-52.85	-54.01	-49.13	-40.63	-40.33	-31.97	-35.01	-35.84	-35.55	-37.10	-35.20	-56.64	-51.32	-50.01	-39.11	-35.06	-37.03	-35.82

ALBANY___LFGE 323615	39.49 0.42 -32.48	37.19 0.41 -30.27	35.03 0.48 -27.02	34.26 0.47 -26.24	51.70 0.07 -49.42	49.41 0.14 -44.60	62.13 0.33 -54.34	64.48 0.29 -55.54	61.61 0.29 -50.52	52.71 0.29 -41.78	52.39 0.27 -41.47	46.16 0.34 -32.87	46.91 0.28 -36.00	46.10 0.23 -36.85	44.36 0.18 -36.56	45.80 0.18 -38.15	47.08 0.27 -36.19	69.45 0.26 -58.23	68.56 0.37 -52.77	63.69 0.25 -51.41	51.86 0.27 -40.21	46.90 0.23 -36.05	45.83 0.14 -38.07	43.29 0.08 -36.83
ALCOA_RYNLDS___DRP 24188	6.24 -0.36 0.00	6.17 -0.34 0.00	7.17 -0.37 0.00	7.15 -0.40 0.00	1.33 -0.05 0.82	3.79 -0.14 0.74	7.20 -0.27 0.00	8.28 -0.36 0.00	9.46 -0.50 0.84	10.16 -0.48 0.00	10.16 -0.49 0.00	12.40 -0.56 0.00	10.19 -0.44 0.00	8.65 -0.37 0.00	7.32 -0.31 0.00	7.17 -0.30 0.00	10.17 -0.45 0.00	10.50 -0.45 0.00	14.77 -0.65 0.00	11.49 -0.53 0.00	10.87 -0.50 0.00	10.17 -0.45 0.00	7.34 -0.28 0.00	6.24 -0.15 0.00
ALCOA___DSASP 323711	6.24 -0.36 0.00	6.17 -0.34 0.00	7.17 -0.37 0.00	7.15 -0.40 0.00	1.33 -0.05 0.82	3.79 -0.14 0.74	7.20 -0.27 0.00	8.28 -0.36 0.00	9.46 -0.50 0.84	10.16 -0.48 0.00	10.16 -0.49 0.00	12.40 -0.56 0.00	10.19 -0.44 0.00	8.65 -0.37 0.00	7.32 -0.31 0.00	7.17 -0.30 0.00	10.17 -0.45 0.00	10.50 -0.45 0.00	14.77 -0.65 0.00	11.49 -0.53 0.00	10.87 -0.50 0.00	10.17 -0.45 0.00	7.34 -0.28 0.00	6.24 -0.15 0.00
ALLEGHENY___COGEN 23514	11.01 0.20 -4.20	10.61 0.19 -3.92	11.24 0.20 -3.50	11.21 0.26 -3.40	7.23 0.12 -4.91	9.40 0.30 -4.43	13.85 0.67 -5.71	15.44 0.79 -6.00	17.14 0.89 -5.46	16.04 0.88 -4.51	16.01 0.88 -4.48	17.46 0.98 -3.52	15.25 0.77 -3.85	13.61 0.60 -3.98	12.04 0.50 -3.91	12.04 0.49 -4.08	15.23 0.74 -3.87	17.74 0.72 -6.07	21.98 1.06 -5.50	18.23 0.87 -5.35	16.40 0.84 -4.18	15.10 0.73 -3.75	12.02 0.44 -3.96	10.47 0.26 -3.83
ALTONA_WT_PWR 323606	6.04 -0.55 0.00	5.96 -0.54 0.00	6.93 -0.60 0.00	6.92 -0.63 0.00	1.21 -0.13 0.87	3.58 -0.30 0.79	6.96 -0.51 0.00	8.03 -0.61 0.00	9.24 -0.81 0.75	9.85 -0.79 0.00	9.86 -0.79 0.00	12.03 -0.92 0.00	9.90 -0.73 0.00	8.41 -0.61 0.00	7.12 -0.50 0.00	6.99 -0.49 0.00	9.96 -0.66 0.00	10.33 -0.62 0.00	14.54 -0.88 0.00	11.31 -0.71 0.00	10.71 -0.66 0.00	10.00 -0.62 0.00	7.22 -0.40 0.00	6.14 -0.25 0.00
AMERICAN_REF_FUEL 24010	10.22 -0.18 -3.81	9.84 -0.21 -3.55	10.47 -0.23 -3.17	10.42 -0.20 -3.07	6.65 -0.02 -4.46	8.70 0.00 -4.02	12.78 0.12 -5.20	14.18 0.09 -5.45	15.78 0.02 -4.96	14.79 0.05 -4.10	14.78 0.05 -4.07	16.13 0.00 -3.18	14.11 0.00 -3.48	12.61 -0.03 -3.62	11.14 -0.02 -3.54	11.14 -0.02 -3.69	14.07 -0.05 -3.50	16.19 -0.25 -5.49	20.05 -0.34 -4.97	16.58 -0.28 -4.84	15.00 -0.16 -3.78	13.97 -0.04 -3.39	11.14 -0.06 -3.58	9.66 -0.19 -3.47
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.92 0.03 -4.30	10.51 0.01 -4.00	11.13 0.02 -3.57	11.10 0.08 -3.47	7.29 0.07 -5.01	9.42 0.22 -4.52	13.83 0.53 -5.83	15.40 0.64 -6.12	17.09 0.72 -5.57	16.01 0.77 -4.60	16.01 0.79 -4.57	17.32 0.80 -3.57	15.16 0.63 -3.91	13.58 0.50 -4.06	11.99 0.40 -3.96	12.00 0.39 -4.14	15.09 0.54 -3.93	17.45 0.34 -6.16	21.43 0.43 -5.58	17.67 0.23 -5.43	15.96 0.34 -4.24	14.83 0.40 -3.80	11.85 0.21 -4.02	10.32 0.05 -3.89
ARTHUR_KILL_GT_1 23520	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.16 0.70 -33.82	42.55 0.99 -30.76	36.98 0.90 -25.44	36.85 0.95 -25.25	34.14 1.17 -20.02	33.56 1.00 -21.93	32.33 0.87 -22.44	30.64 0.75 -22.26	31.44 0.73 -23.23	33.65 0.99 -22.04	47.64 1.11 -35.59	49.20 1.54 -32.25	44.71 1.27 -31.42	36.99 1.05 -24.57	33.71 1.06 -22.03	31.70 0.82 -23.27	29.57 0.68 -22.51
ARTHUR_KILL_2 23512	30.93 0.70 -23.63	29.20 0.68 -22.02	27.97 0.78 -19.66	27.42 0.78 -19.09	31.18 0.14 -28.83	31.01 0.32 -26.02	41.17 0.51 -33.19	43.14 0.67 -33.82	42.52 0.96 -30.76	36.96 0.88 -25.44	36.83 0.93 -25.25	34.11 1.14 -20.02	33.53 0.98 -21.93	32.31 0.85 -22.44	30.62 0.73 -22.26	31.42 0.72 -23.23	33.62 0.96 -22.04	47.61 1.07 -35.59	49.16 1.50 -32.25	44.68 1.24 -31.42	36.96 1.01 -24.57	33.68 1.03 -22.03	31.68 0.79 -23.26	29.55 0.66 -22.51
ARTHUR_KILL_3 23513	30.84 0.61 -23.63	29.12 0.60 -22.02	27.89 0.69 -19.66	27.34 0.70 -19.09	31.16 0.12 -28.83	31.00 0.31 -26.02	41.17 0.51 -33.19	43.17 0.71 -33.82	42.61 1.05 -30.76	37.06 0.98 -25.44	36.91 1.01 -25.25	34.21 1.24 -20.02	33.60 1.04 -21.92	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.68 1.02 -22.04	47.59 1.05 -35.58	49.10 1.43 -32.24	44.64 1.20 -31.41	36.98 1.03 -24.57	33.66 1.01 -22.03	31.63 0.75 -23.26	29.48 0.59 -22.50
ARTHUR_KILL_COGEN 323718	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.16 0.70 -33.82	42.55 0.99 -30.76	36.98 0.90 -25.44	36.85 0.95 -25.25	34.14 1.17 -20.02	33.56 1.00 -21.93	32.33 0.87 -22.44	30.64 0.75 -22.26	31.44 0.73 -23.23	33.65 0.99 -22.04	47.64 1.11 -35.59	49.20 1.54 -32.25	44.71 1.27 -31.42	36.99 1.05 -24.57	33.71 1.06 -22.03	31.70 0.82 -23.27	29.57 0.68 -22.51
ASHOKAN____ 23654	32.75 0.64 -25.51	30.90 0.61 -23.78	29.47 0.71 -21.23	28.90 0.74 -20.61	35.49 0.16 -33.12	34.91 0.35 -29.89	45.84 0.65 -37.72	47.88 0.85 -38.39	46.75 1.03 -34.92	40.40 0.88 -28.88	40.37 1.05 -28.67	36.64 0.96 -22.72	36.25 0.73 -24.89	35.09 0.60 -25.47	33.39 0.50 -25.27	34.34 0.49 -26.37	36.48 0.84 -25.02	52.41 1.02 -40.44	53.70 1.63 -36.64	48.97 1.25 -35.70	40.38 1.08 -27.92	36.67 1.02 -25.03	34.77 0.71 -26.44	32.50 0.54 -25.58
ASTORIA_EAST_ENERGY_CC1 323581	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_EAST_ENERGY_CC2 323582	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT2_I 24094	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50

ASTORIA_GT2_2 24095	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT2_3 24096	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT2_4 24097	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT3_1 24098	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT3_2 24099	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT3_3 24100	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT3_4 24101	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT4_1 24102	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT4_2 24103	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT4_3 24104	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT4_4 24105	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA_GT_1 23523	30.94 0.71 -23.63	29.21 0.68 -22.02	27.98 0.78 -19.66	27.42 0.79 -19.08	31.18 0.15 -28.83	31.01 0.32 -26.01	41.15 0.49 -33.19	43.12 0.67 -33.81	42.49 0.94 -30.76	36.94 0.86 -25.43	36.81 0.92 -25.25	34.08 1.11 -20.01	33.51 0.96 -21.92	32.28 0.82 -22.43	30.58 0.69 -22.26	31.39 0.69 -23.23	33.59 0.93 -22.04	47.65 1.12 -35.58	49.21 1.56 -32.24	44.68 1.25 -31.41	36.92 0.98 -24.57	33.67 1.03 -22.02	31.67 0.78 -23.26	29.54 0.65 -22.50
ASTORIA_GT_10 24110	30.89 0.66 -23.63	29.17 0.64 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.18 0.72 -33.82	42.61 1.05 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.93	32.39 0.93 -22.44	30.69 0.80 -22.26	31.49 0.78 -23.23	33.71 1.05 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.68 1.24 -31.42	37.01 1.07 -24.57	33.70 1.05 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
ASTORIA_GT_11 24225	30.89 0.66 -23.63	29.17 0.64 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.18 0.72 -33.82	42.61 1.05 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.93	32.39 0.93 -22.44	30.69 0.80 -22.26	31.49 0.78 -23.23	33.71 1.05 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.68 1.24 -31.42	37.01 1.07 -24.57	33.70 1.05 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
ASTORIA_GT_12 24226	30.89 0.66 -23.63	29.17 0.64 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.18 0.72 -33.82	42.61 1.05 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.93	32.39 0.93 -22.44	30.69 0.80 -22.26	31.49 0.78 -23.23	33.71 1.05 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.68 1.24 -31.42	37.01 1.07 -24.57	33.70 1.05 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51

ASTORIA_GT_13 24227	30.89 0.66 -23.63	29.17 0.64 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.18 0.72 -33.82	42.61 1.05 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.93	32.39 0.93 -22.44	30.69 0.80 -22.26	31.49 0.78 -23.23	33.71 1.05 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.68 1.24 -31.42	37.01 1.07 -24.57	33.70 1.05 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
ASTORIA_GT_5 24106	30.94 0.71 -23.63	29.21 0.68 -22.02	27.98 0.78 -19.66	27.42 0.79 -19.08	31.18 0.15 -28.83	31.01 0.32 -26.01	41.15 0.49 -33.19	43.12 0.67 -33.81	42.49 0.94 -30.76	36.94 0.86 -25.43	36.81 0.92 -25.25	34.08 1.11 -20.01	33.51 0.96 -21.92	32.28 0.82 -22.43	30.58 0.69 -22.26	31.39 0.69 -23.23	33.59 0.93 -22.04	47.65 1.12 -35.58	49.21 1.56 -32.24	44.68 1.25 -31.41	36.92 0.98 -24.57	33.67 1.03 -22.02	31.67 0.78 -23.26	29.54 0.65 -22.50
ASTORIA_GT_7 24107	30.94 0.71 -23.63	29.21 0.68 -22.02	27.98 0.78 -19.66	27.42 0.79 -19.08	31.18 0.15 -28.83	31.01 0.32 -26.01	41.15 0.49 -33.19	43.12 0.67 -33.81	42.49 0.94 -30.76	36.94 0.86 -25.43	36.81 0.92 -25.25	34.08 1.11 -20.01	33.51 0.96 -21.92	32.28 0.82 -22.43	30.58 0.69 -22.26	31.39 0.69 -23.23	33.59 0.93 -22.04	47.65 1.12 -35.58	49.21 1.56 -32.24	44.68 1.25 -31.41	36.92 0.98 -24.57	33.67 1.03 -22.02	31.67 0.78 -23.26	29.54 0.65 -22.50
ASTORIA_GT_8 24108	30.94 0.71 -23.63	29.21 0.68 -22.02	27.98 0.78 -19.66	27.42 0.79 -19.08	31.18 0.15 -28.83	31.01 0.32 -26.01	41.15 0.49 -33.19	43.12 0.67 -33.81	42.49 0.94 -30.76	36.94 0.86 -25.43	36.81 0.92 -25.25	34.08 1.11 -20.01	33.51 0.96 -21.92	32.28 0.82 -22.43	30.58 0.69 -22.26	31.39 0.69 -23.23	33.59 0.93 -22.04	47.65 1.12 -35.58	49.21 1.56 -32.24	44.68 1.25 -31.41	36.92 0.98 -24.57	33.67 1.03 -22.02	31.67 0.78 -23.26	29.54 0.65 -22.50
ASTORIA___2 24149	30.92 0.70 -23.63	29.20 0.68 -22.02	27.96 0.77 -19.66	27.41 0.78 -19.08	31.18 0.15 -28.83	31.00 0.32 -26.01	41.13 0.48 -33.19	43.10 0.65 -33.81	42.47 0.92 -30.76	36.91 0.83 -25.43	36.79 0.89 -25.25	34.06 1.09 -20.01	33.49 0.94 -21.92	32.25 0.79 -22.43	30.56 0.68 -22.26	31.37 0.67 -23.23	33.57 0.91 -22.04	47.61 1.08 -35.58	49.18 1.53 -32.24	44.66 1.23 -31.41	36.90 0.96 -24.57	33.65 1.01 -22.02	31.65 0.77 -23.26	29.52 0.64 -22.50
ASTORIA___3 23516	30.89 0.66 -23.63	29.17 0.64 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.18 0.72 -33.82	42.61 1.05 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.93	32.39 0.93 -22.44	30.69 0.80 -22.26	31.49 0.78 -23.23	33.71 1.05 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.68 1.24 -31.42	37.01 1.07 -24.57	33.70 1.05 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
ASTORIA___4 23517	30.89 0.66 -23.63	29.17 0.64 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.18 0.72 -33.82	42.61 1.05 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.93	32.39 0.93 -22.44	30.69 0.80 -22.26	31.49 0.78 -23.23	33.71 1.05 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.68 1.24 -31.42	37.01 1.07 -24.57	33.70 1.05 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
ASTORIA___5 23518	30.89 0.66 -23.63	29.17 0.64 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.19 0.53 -33.19	43.18 0.72 -33.82	42.61 1.05 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.93	32.39 0.93 -22.44	30.69 0.80 -22.26	31.49 0.78 -23.23	33.71 1.05 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.68 1.24 -31.42	37.01 1.07 -24.57	33.70 1.05 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
AST_ENERGY_2_CC3 323677	30.85 0.62 -23.63	29.13 0.60 -22.02	27.90 0.70 -19.66	27.35 0.71 -19.09	31.17 0.13 -28.83	31.00 0.31 -26.02	41.16 0.51 -33.18	43.16 0.71 -33.81	42.59 1.04 -30.75	37.04 0.97 -25.43	36.91 1.01 -25.24	34.20 1.23 -20.02	33.59 1.03 -21.92	32.36 0.90 -22.44	30.67 0.78 -22.26	31.46 0.75 -23.23	33.67 1.01 -22.04	40.89 1.05 -28.89	43.73 1.43 -26.88	42.68 1.20 -29.45	36.96 1.02 -24.56	33.66 1.01 -22.03	31.62 0.74 -23.26	29.48 0.59 -22.50
AST_ENERGY_2_CC4 323678	30.85 0.62 -23.63	29.13 0.60 -22.02	27.90 0.70 -19.66	27.35 0.71 -19.09	31.17 0.13 -28.83	31.00 0.31 -26.02	41.16 0.51 -33.18	43.16 0.71 -33.81	42.59 1.04 -30.75	37.04 0.97 -25.43	36.91 1.01 -25.24	34.20 1.23 -20.02	33.59 1.03 -21.92	32.36 0.90 -22.44	30.67 0.78 -22.26	31.46 0.75 -23.23	33.67 1.01 -22.04	40.89 1.05 -28.89	43.73 1.43 -26.88	42.68 1.20 -29.45	36.96 1.02 -24.56	33.66 1.01 -22.03	31.62 0.74 -23.26	29.48 0.59 -22.50
ATHENS_STG_1 23668	33.56 0.38 -26.58	31.66 0.38 -24.78	30.09 0.44 -22.12	29.47 0.45 -21.47	35.28 0.09 -32.98	34.63 0.20 -29.76	46.00 0.35 -38.18	48.06 0.45 -38.97	46.88 0.64 -35.45	40.57 0.62 -29.32	40.38 0.63 -29.10	36.78 0.76 -23.07	36.52 0.63 -25.27	35.41 0.53 -25.86	33.74 0.46 -25.65	34.69 0.44 -26.77	36.64 0.63 -25.40	52.52 0.63 -40.93	53.40 0.89 -37.09	48.87 0.71 -36.14	40.29 0.65 -28.26	36.58 0.63 -25.34	34.83 0.45 -26.76	32.62 0.35 -25.89
ATHENS_STG_2 23670	33.56 0.38 -26.58	31.66 0.38 -24.78	30.09 0.44 -22.12	29.47 0.45 -21.47	35.28 0.09 -32.98	34.63 0.20 -29.76	46.00 0.35 -38.18	48.06 0.45 -38.97	46.88 0.64 -35.45	40.57 0.62 -29.32	40.38 0.63 -29.10	36.78 0.76 -23.07	36.52 0.63 -25.27	35.41 0.53 -25.86	33.74 0.46 -25.65	34.69 0.44 -26.77	36.64 0.63 -25.40	52.52 0.63 -40.93	53.40 0.89 -37.09	48.87 0.71 -36.14	40.29 0.65 -28.26	36.58 0.63 -25.34	34.83 0.45 -26.76	32.62 0.35 -25.89
ATHENS_STG_3 23677	33.56 0.38 -26.58	31.66 0.38 -24.78	30.09 0.44 -22.12	29.47 0.45 -21.47	35.28 0.09 -32.98	34.63 0.20 -29.76	46.00 0.35 -38.18	48.06 0.45 -38.97	46.88 0.64 -35.45	40.57 0.62 -29.32	40.38 0.63 -29.10	36.78 0.76 -23.07	36.52 0.63 -25.27	35.41 0.53 -25.86	33.74 0.46 -25.65	34.69 0.44 -26.77	36.64 0.63 -25.40	52.52 0.63 -40.93	53.40 0.89 -37.09	48.87 0.71 -36.14	40.29 0.65 -28.26	36.58 0.63 -25.34	34.83 0.45 -26.76	32.62 0.35 -25.89
AUBURN___LFGE 323710	9.77 0.10 -3.07	9.47 0.10 -2.87	10.20 0.11 -2.56	10.16 0.13 -2.48	5.85 0.05 -3.59	8.04 0.13 -3.24	11.98 0.29 -4.22	13.46 0.36 -4.45	15.26 0.41 -4.05	14.39 0.40 -3.35	14.37 0.39 -3.32	16.06 0.48 -2.63	13.86 0.35 -2.88	12.23 0.25 -2.95	10.75 0.21 -2.92	10.71 0.19 -3.05	13.81 0.30 -2.89	15.81 0.35 -4.51	20.01 0.51 -4.08	16.37 0.38 -3.97	14.88 0.41 -3.10	13.73 0.33 -2.78	10.75 0.19 -2.94	9.34 0.12 -2.84
BABYLON_RES_REC 323704	38.34 0.80 -30.95	37.25 0.79 -29.96	35.88 0.92 -27.42	35.88 0.93 -27.40	37.34 0.20 -34.93	38.02 0.46 -32.88	41.83 0.78 -33.58	45.29 1.02 -35.63	44.93 1.39 -32.74	42.13 1.34 -30.15	44.07 1.36 -32.05	42.60 1.65 -28.00	40.58 1.32 -28.63	39.99 1.11 -29.86	39.83 0.95 -31.25	39.83 0.93 -31.43	45.19 1.32 -33.26	58.22 1.39 -45.88	68.15 1.96 -50.78	58.63 1.57 -45.03	48.00 1.40 -35.23	41.41 1.36 -29.43	39.66 0.98 -31.07	37.36 0.77 -30.20

BARRETT_IC_1 23704	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_10 23701	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_11 23702	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_12 23703	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_2 23705	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_3 23706	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_4 23707	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_5 23708	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_6 23709	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_7 23710	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_8 23711	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT_IC_9 23700	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT___1 23545	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BARRETT___2 23546	38.33 0.78 -30.96	37.22 0.75 -29.97	35.83 0.86 -27.43	35.83 0.87 -27.41	37.33 0.18 -34.94	37.98 0.41 -32.89	41.73 0.68 -33.58	45.17 0.89 -35.63	44.78 1.24 -32.75	41.97 1.17 -30.15	43.91 1.19 -32.06	42.42 1.45 -28.01	40.48 1.21 -28.64	39.93 1.04 -29.87	39.78 0.89 -31.26	39.79 0.87 -31.45	45.08 1.19 -33.27	58.07 1.23 -45.90	67.93 1.71 -50.80	58.47 1.39 -45.05	47.86 1.24 -35.25	41.26 1.20 -29.44	39.57 0.88 -31.08	37.31 0.71 -30.22
BAYONEEC___CTG1 323682	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50

BAYONEEC___CTG10 323750	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BAYONEEC___CTG2 323683	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BAYONEEC___CTG3 323684	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BAYONEEC___CTG4 323685	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BAYONEEC___CTG5 323686	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BAYONEEC___CTG6 323687	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BAYONEEC___CTG7 323688	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BAYONEEC___CTG8 323689	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BAYONEEC___CTG9 323749	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.61 1.07 -35.58	49.13 1.47 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BEACON___LESR 323632	38.77 0.45 -31.72	36.52 0.45 -29.57	34.45 0.52 -26.39	33.68 0.51 -25.63	50.00 0.08 -47.71	47.88 0.16 -43.05	60.58 0.38 -52.73	62.88 0.35 -53.89	60.18 0.36 -49.03	51.53 0.35 -40.54	51.21 0.32 -40.24	45.24 0.39 -31.90	45.87 0.30 -34.94	45.02 0.23 -35.76	43.27 0.17 -35.47	44.67 0.17 -37.02	46.00 0.27 -35.12	67.73 0.26 -56.52	67.00 0.37 -51.21	62.18 0.26 -49.90	50.70 0.30 -39.03	45.84 0.23 -34.99	44.72 0.14 -36.95	42.21 0.08 -35.75
BEAVER RIVER___HYD 24048	7.16 0.07 -0.49	7.04 0.08 -0.45	8.05 0.11 -0.41	8.05 0.11 -0.39	2.27 0.06 0.00	4.82 0.14 0.00	7.83 0.37 0.00	9.05 0.41 0.00	12.16 0.49 -0.88	11.06 0.41 0.00	10.99 0.34 0.00	13.50 0.54 0.00	11.09 0.46 0.00	9.30 0.28 0.00	7.85 0.23 0.00	7.68 0.21 0.00	10.94 0.32 0.00	11.36 0.41 0.00	16.02 0.60 0.00	12.38 0.36 0.00	11.69 0.32 0.00	10.89 0.28 0.00	7.79 0.17 0.00	6.51 0.13 0.00
BEEBEE_GT_13 23619	9.57 -0.01 -2.98	9.25 -0.03 -2.77	9.97 -0.04 -2.48	9.95 -0.01 -2.40	5.75 0.03 -3.51	7.93 0.09 -3.17	11.84 0.25 -4.12	13.25 0.28 -4.32	15.00 0.28 -3.93	14.20 0.31 -3.25	14.18 0.31 -3.22	15.81 0.32 -2.53	13.66 0.25 -2.77	12.08 0.19 -2.86	10.59 0.15 -2.81	10.55 0.14 -2.94	13.64 0.23 -2.78	15.48 0.16 -4.37	19.64 0.26 -3.96	16.06 0.19 -3.84	14.59 0.20 -3.01	13.53 0.21 -2.70	10.58 0.11 -2.85	9.14 0.00 -2.75
BETHLEHEM___GRP 23843	38.68 0.34 -31.75	36.43 0.34 -29.59	34.33 0.38 -26.41	33.57 0.38 -25.64	50.03 0.05 -47.78	47.88 0.09 -43.11	60.56 0.25 -52.85	62.83 0.17 -54.01	60.04 0.11 -49.13	51.37 0.10 -40.63	51.07 0.08 -40.33	45.04 0.12 -31.97	45.74 0.10 -35.01	44.93 0.07 -35.84	43.23 0.05 -35.55	44.63 0.05 -37.10	45.91 0.10 -35.20	67.67 0.08 -56.64	66.85 0.11 -51.32	62.09 0.06 -50.01	50.56 0.08 -39.11	45.75 0.06 -35.06	44.67 0.02 -37.03	42.19 -0.01 -35.82
BETHLEHEM___GS1 323560	38.68 0.34 -31.75	36.43 0.34 -29.59	34.33 0.38 -26.41	33.57 0.38 -25.64	50.03 0.05 -47.78	47.88 0.09 -43.11	60.56 0.25 -52.85	62.83 0.17 -54.01	60.04 0.11 -49.13	51.37 0.10 -40.63	51.07 0.08 -40.33	45.04 0.12 -31.97	45.74 0.10 -35.01	44.93 0.07 -35.84	43.23 0.05 -35.55	44.63 0.05 -37.10	45.91 0.10 -35.20	67.67 0.08 -56.64	66.85 0.11 -51.32	62.09 0.06 -50.01	50.56 0.08 -39.11	45.75 0.06 -35.06	44.67 0.02 -37.03	42.19 -0.01 -35.82
BETHLEHEM___GS2 323561	38.68 0.34 -31.75	36.43 0.34 -29.59	34.33 0.38 -26.41	33.57 0.38 -25.64	50.03 0.05 -47.78	47.88 0.09 -43.11	60.56 0.25 -52.85	62.83 0.17 -54.01	60.04 0.11 -49.13	51.37 0.10 -40.63	51.07 0.08 -40.33	45.04 0.12 -31.97	45.74 0.10 -35.01	44.93 0.07 -35.84	43.23 0.05 -35.55	44.63 0.05 -37.10	45.91 0.10 -35.20	67.67 0.08 -56.64	66.85 0.11 -51.32	62.09 0.06 -50.01	50.56 0.08 -39.11	45.75 0.06 -35.06	44.67 0.02 -37.03	42.19 -0.01 -35.82

BETHLEHEM___GS3 323562	38.68 0.34 -31.75	36.43 0.34 -29.59	34.33 0.38 -26.41	33.57 0.38 -25.64	50.03 0.05 -47.78	47.88 0.09 -43.11	60.56 0.25 -52.85	62.83 0.17 -54.01	60.04 0.11 -49.13	51.37 0.10 -40.63	51.07 0.08 -40.33	45.04 0.12 -31.97	45.74 0.10 -35.01	44.93 0.07 -35.84	43.23 0.05 -35.55	44.63 0.05 -37.10	45.91 0.10 -35.20	67.67 0.08 -56.64	66.85 0.11 -51.32	62.09 0.06 -50.01	50.56 0.08 -39.11	45.75 0.06 -35.06	44.67 0.02 -37.03	42.19 -0.01 -35.82
BETHLEHEM___STEEL 23779	10.68 0.01 -4.07	10.28 -0.01 -3.79	10.91 -0.02 -3.39	10.85 0.02 -3.29	7.01 0.05 -4.76	9.11 0.15 -4.29	13.37 0.37 -5.54	14.86 0.41 -5.81	16.52 0.43 -5.29	15.48 0.47 -4.37	15.46 0.47 -4.34	16.83 0.49 -3.39	14.74 0.39 -3.71	13.17 0.30 -3.86	11.64 0.24 -3.77	11.65 0.25 -3.93	14.69 0.34 -3.73	16.94 0.14 -5.85	20.95 0.23 -5.30	17.32 0.14 -5.16	15.66 0.25 -4.03	14.56 0.33 -3.62	11.62 0.18 -3.82	10.10 0.03 -3.69
BETHPAGE_CC_5 323564	38.29 0.76 -30.93	37.19 0.74 -29.94	35.81 0.87 -27.41	35.81 0.88 -27.38	37.31 0.18 -34.92	37.96 0.42 -32.87	41.74 0.69 -33.58	45.18 0.92 -35.62	44.81 1.27 -32.74	41.99 1.21 -30.14	43.94 1.25 -32.04	42.44 1.50 -27.98	40.47 1.22 -28.62	39.91 1.05 -29.84	39.75 0.89 -31.23	39.77 0.87 -31.42	45.08 1.22 -33.24	58.08 1.27 -45.86	67.93 1.77 -50.74	58.46 1.43 -45.01	47.86 1.27 -35.21	41.27 1.23 -29.42	39.56 0.89 -31.05	37.29 0.71 -30.19
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	10.82 0.08 -4.15	10.42 0.05 -3.86	11.05 0.06 -3.45	10.99 0.09 -3.35	7.12 0.07 -4.84	9.24 0.20 -4.37	13.55 0.45 -5.64	15.07 0.51 -5.92	16.75 0.57 -5.38	15.70 0.61 -4.45	15.69 0.62 -4.42	17.07 0.67 -3.45	14.94 0.53 -3.78	13.37 0.42 -3.92	11.80 0.34 -3.83	11.82 0.34 -4.00	14.89 0.48 -3.80	17.19 0.28 -5.95	21.26 0.45 -5.39	17.58 0.31 -5.25	15.89 0.41 -4.10	14.76 0.47 -3.68	11.79 0.28 -3.89	10.24 0.10 -3.76
BINGHAMTON___COGEN 23790	14.55 0.13 -7.83	13.92 0.12 -7.29	14.18 0.14 -6.51	14.03 0.16 -6.32	11.25 0.05 -9.00	12.91 0.12 -8.12	18.11 0.27 -10.37	19.91 0.31 -10.96	21.14 0.38 -9.97	19.25 0.37 -8.24	19.22 0.38 -8.18	19.94 0.44 -6.55	18.14 0.34 -7.17	16.57 0.28 -7.27	15.14 0.24 -7.28	15.30 0.23 -7.60	18.17 0.34 -7.21	22.50 0.33 -11.22	26.06 0.48 -10.17	22.29 0.37 -9.90	19.50 0.39 -7.74	17.92 0.36 -6.94	15.19 0.24 -7.33	13.62 0.15 -7.09
BLACK RIVER___HYD 24047	7.73 0.17 -0.96	7.58 0.18 -0.90	8.54 0.20 -0.80	8.54 0.21 -0.78	3.13 0.09 -0.83	5.64 0.22 -0.75	9.00 0.56 -0.98	10.34 0.62 -1.07	13.20 0.77 -1.64	12.12 0.67 -0.81	12.04 0.59 -0.80	14.43 0.84 -0.63	12.04 0.71 -0.69	10.20 0.47 -0.71	8.72 0.39 -0.70	8.57 0.37 -0.73	11.89 0.57 -0.70	12.73 0.70 -1.08	17.43 1.03 -0.98	13.83 0.61 -1.20	12.88 0.57 -0.94	11.94 0.48 -0.84	8.78 0.27 -0.89	7.45 0.20 -0.86
BLISS_WT_PWR 323608	11.01 0.03 -4.38	10.59 0.00 -4.09	11.19 0.01 -3.65	11.13 0.04 -3.54	7.37 0.05 -5.11	9.45 0.16 -4.62	13.83 0.41 -5.95	15.38 0.49 -6.24	17.00 0.53 -5.68	15.91 0.57 -4.69	15.90 0.59 -4.66	17.20 0.61 -3.63	15.07 0.46 -3.98	13.51 0.35 -4.14	11.95 0.28 -4.04	11.97 0.28 -4.22	15.00 0.38 -4.00	17.41 0.19 -6.27	21.40 0.29 -5.69	17.73 0.18 -5.53	16.02 0.32 -4.33	14.88 0.38 -3.88	11.93 0.21 -4.10	10.40 0.06 -3.96
BLUE_CIRC_CHEM_DRP 24182	37.73 0.36 -30.78	35.54 0.35 -28.69	33.55 0.41 -25.61	32.81 0.40 -24.86	47.83 0.07 -45.56	45.92 0.14 -41.11	58.51 0.29 -50.75	60.78 0.28 -51.86	58.27 0.30 -47.18	49.94 0.29 -39.01	49.65 0.28 -38.72	43.98 0.34 -30.69	44.53 0.28 -33.62	43.66 0.23 -34.41	41.94 0.18 -34.13	43.28 0.18 -35.62	44.69 0.28 -33.79	65.61 0.26 -54.40	65.08 0.37 -49.29	60.32 0.28 -48.03	49.22 0.28 -37.56	44.54 0.24 -33.67	43.35 0.16 -35.57	40.89 0.10 -34.40
BOC_GAS_DRP 24189	37.99 0.32 -31.07	35.78 0.32 -28.95	33.75 0.37 -25.85	33.02 0.37 -25.09	48.58 0.06 -46.31	46.59 0.13 -41.79	59.43 0.28 -51.68	61.74 0.28 -52.82	59.16 0.31 -48.05	50.68 0.31 -39.73	50.39 0.30 -39.44	44.59 0.38 -31.26	45.17 0.30 -34.24	44.32 0.25 -35.05	42.60 0.21 -34.76	43.96 0.21 -36.28	45.33 0.30 -34.42	66.64 0.30 -55.39	66.03 0.42 -50.19	61.24 0.31 -48.90	49.93 0.31 -38.25	45.20 0.29 -34.29	44.03 0.19 -36.22	41.55 0.13 -35.03
BORALEX_4TH_BRANCH 23824	39.14 0.66 -31.89	36.87 0.64 -29.72	34.81 0.75 -26.53	34.06 0.76 -25.76	50.25 0.14 -47.90	48.19 0.29 -43.23	60.53 0.56 -52.50	62.96 0.67 -53.65	60.48 0.89 -48.80	51.87 0.87 -40.36	51.57 0.86 -40.06	45.74 1.04 -31.75	46.26 0.85 -34.78	45.33 0.71 -35.60	43.53 0.60 -35.31	44.91 0.59 -36.85	46.42 0.84 -34.96	68.07 0.85 -56.27	67.60 1.20 -50.98	62.63 0.94 -49.67	51.11 0.89 -38.85	46.28 0.83 -34.83	44.99 0.59 -36.79	42.42 0.45 -35.58
BOWLINE___1 23526	30.12 0.52 -23.00	28.46 0.51 -21.44	27.27 0.60 -19.14	26.74 0.60 -18.58	30.16 0.11 -27.84	30.05 0.26 -25.12	39.96 0.44 -32.05	41.88 0.60 -32.64	41.35 0.86 -29.69	36.01 0.82 -24.55	35.88 0.85 -24.37	33.30 1.02 -19.32	32.64 0.85 -21.16	31.41 0.73 -21.66	29.74 0.63 -21.49	30.51 0.61 -22.42	32.74 0.85 -21.27	46.19 0.88 -34.36	47.79 1.23 -31.14	43.35 1.00 -30.34	35.98 0.88 -23.73	32.75 0.86 -21.27	30.71 0.62 -22.47	28.61 0.50 -21.73
BOWLINE___2 23595	30.13 0.52 -23.01	28.46 0.51 -21.44	27.27 0.60 -19.14	26.74 0.60 -18.58	30.16 0.11 -27.84	30.06 0.26 -25.12	39.96 0.44 -32.06	41.89 0.60 -32.65	41.36 0.86 -29.70	36.02 0.82 -24.56	35.88 0.85 -24.38	33.30 1.02 -19.32	32.65 0.85 -21.17	31.41 0.73 -21.66	29.74 0.63 -21.49	30.51 0.61 -22.43	32.75 0.85 -21.28	46.19 0.88 -34.37	47.79 1.23 -31.14	43.36 1.00 -30.34	35.98 0.88 -23.73	32.75 0.86 -21.27	30.71 0.62 -22.47	28.62 0.50 -21.73
BROOKHAVEN___DRP 24191	38.33 0.77 -30.96	37.24 0.75 -29.98	35.86 0.88 -27.44	35.86 0.89 -27.42	37.35 0.19 -34.95	38.04 0.47 -32.90	41.89 0.84 -33.58	45.38 1.11 -35.63	45.05 1.50 -32.75	42.28 1.48 -30.16	44.18 1.46 -32.07	42.76 1.79 -28.02	40.69 1.41 -28.65	40.04 1.14 -29.88	39.87 0.97 -31.27	39.84 0.91 -31.46	45.23 1.33 -33.29	58.31 1.45 -45.91	68.28 2.03 -50.83	58.76 1.67 -45.07	48.10 1.47 -35.26	41.50 1.43 -29.45	39.74 1.04 -31.09	37.39 0.79 -30.23
BROOKLYN_NAVY_YARD 23515	30.85 0.63 -23.63	29.14 0.61 -22.02	27.90 0.71 -19.66	27.36 0.72 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.74 -33.82	42.64 1.08 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.71 1.05 -22.04	47.63 1.09 -35.58	49.17 1.51 -32.24	44.69 1.25 -31.41	37.01 1.07 -24.57	33.69 1.04 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
BROOKLYN___ARMY_DRP 323595	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51

BROOME_2_LFGE 323671	14.55 0.13 -7.83	13.92 0.12 -7.29	14.18 0.14 -6.51	14.03 0.16 -6.32	11.25 0.05 -9.00	12.91 0.12 -8.12	18.11 0.27 -10.37	19.91 0.31 -10.96	21.14 0.38 -9.97	19.25 0.37 -8.24	19.22 0.38 -8.18	19.94 0.44 -6.55	18.14 0.34 -7.17	16.57 0.28 -7.27	15.14 0.24 -7.28	15.30 0.23 -7.60	18.17 0.34 -7.21	22.50 0.33 -11.22	26.06 0.48 -10.17	22.29 0.37 -9.90	19.50 0.39 -7.74	17.92 0.36 -6.94	15.19 0.24 -7.33	13.62 0.15 -7.09
BROOME__LFGE 323600	14.55 0.13 -7.83	13.92 0.12 -7.29	14.18 0.14 -6.51	14.03 0.16 -6.32	11.25 0.05 -9.00	12.91 0.12 -8.12	18.11 0.27 -10.37	19.91 0.31 -10.96	21.14 0.38 -9.97	19.25 0.37 -8.24	19.22 0.38 -8.18	19.94 0.44 -6.55	18.14 0.34 -7.17	16.57 0.28 -7.27	15.14 0.24 -7.28	15.30 0.23 -7.60	18.17 0.34 -7.21	22.50 0.33 -11.22	26.06 0.48 -10.17	22.29 0.37 -9.90	19.50 0.39 -7.74	17.92 0.36 -6.94	15.19 0.24 -7.33	13.62 0.15 -7.09
BURROWS__LYONSDAL 23803	6.77 0.17 0.00	6.68 0.18 0.00	7.74 0.20 0.00	7.76 0.21 0.00	2.28 0.07 0.00	4.84 0.17 0.00	7.85 0.39 0.00	9.09 0.45 0.00	11.80 0.56 -0.44	11.14 0.50 0.00	11.10 0.45 0.00	13.58 0.62 0.00	11.15 0.52 0.00	9.39 0.37 0.00	7.93 0.31 0.00	7.76 0.28 0.00	11.07 0.45 0.00	11.48 0.53 0.00	16.19 0.77 0.00	12.55 0.53 0.00	11.86 0.49 0.00	11.03 0.41 0.00	7.87 0.25 0.00	6.58 0.19 0.00
CAITHNESS_CC_1 323624	38.32 0.76 -30.96	37.24 0.75 -29.98	35.85 0.87 -27.44	35.86 0.89 -27.42	37.34 0.19 -34.95	38.04 0.46 -32.90	41.88 0.83 -33.58	45.36 1.08 -35.63	45.01 1.47 -32.75	42.24 1.44 -30.16	44.15 1.43 -32.07	42.72 1.75 -28.02	40.67 1.39 -28.65	40.02 1.12 -29.88	39.85 0.95 -31.27	39.84 0.91 -31.46	45.22 1.32 -33.29	58.28 1.42 -45.91	68.25 2.00 -50.83	58.73 1.63 -45.07	48.08 1.44 -35.26	41.48 1.41 -29.45	39.73 1.02 -31.09	37.38 0.77 -30.23
CALPINE BETH_PAGE_GT4 24209	38.28 0.77 -30.92	37.18 0.75 -29.93	35.80 0.87 -27.39	35.80 0.88 -27.36	37.30 0.19 -34.91	37.93 0.41 -32.86	41.73 0.68 -33.58	45.16 0.90 -35.62	44.78 1.25 -32.74	41.96 1.19 -30.13	43.90 1.22 -32.03	42.40 1.48 -27.97	40.44 1.21 -28.60	39.89 1.04 -29.83	39.73 0.89 -31.21	39.74 0.87 -31.40	45.04 1.21 -33.21	58.05 1.26 -45.84	67.88 1.76 -50.70	58.42 1.42 -44.98	47.82 1.26 -35.19	41.23 1.21 -29.40	39.53 0.88 -31.04	37.26 0.70 -30.17
CALPINE_BETH_PAGE_GT_4 323586	38.28 0.77 -30.92	37.18 0.75 -29.93	35.80 0.87 -27.39	35.80 0.88 -27.36	37.30 0.19 -34.91	37.93 0.41 -32.86	41.73 0.68 -33.58	45.16 0.90 -35.62	44.78 1.25 -32.74	41.96 1.19 -30.13	43.90 1.22 -32.03	42.40 1.48 -27.97	40.44 1.21 -28.60	39.89 1.04 -29.83	39.73 0.89 -31.21	39.74 0.87 -31.40	45.04 1.21 -33.21	58.05 1.26 -45.84	67.88 1.76 -50.70	58.42 1.42 -44.98	47.82 1.26 -35.19	41.23 1.21 -29.40	39.53 0.88 -31.04	37.26 0.70 -30.17
CALPINE_BP_GT1 23823	38.28 0.77 -30.92	37.18 0.75 -29.93	35.80 0.87 -27.39	35.80 0.88 -27.36	37.30 0.19 -34.91	37.93 0.41 -32.86	41.73 0.68 -33.58	45.16 0.90 -35.62	44.78 1.25 -32.74	41.96 1.19 -30.13	43.90 1.22 -32.03	42.40 1.48 -27.97	40.44 1.21 -28.60	39.89 1.04 -29.83	39.73 0.89 -31.21	39.74 0.87 -31.40	45.04 1.21 -33.21	58.05 1.26 -45.84	67.88 1.76 -50.70	58.42 1.42 -44.98	47.82 1.26 -35.19	41.23 1.21 -29.40	39.53 0.88 -31.04	37.26 0.70 -30.17
CALSPAN__DRP 24200	10.68 0.01 -4.07	10.28 -0.01 -3.79	10.91 -0.02 -3.39	10.85 0.02 -3.29	7.01 0.05 -4.76	9.11 0.15 -4.29	13.37 0.37 -5.54	14.86 0.41 -5.81	16.52 0.43 -5.29	15.48 0.47 -4.37	15.46 0.47 -4.34	16.83 0.49 -3.39	14.74 0.39 -3.71	13.17 0.30 -3.86	11.64 0.24 -3.77	11.65 0.25 -3.93	14.69 0.34 -3.73	16.94 0.14 -5.85	20.95 0.23 -5.30	17.32 0.14 -5.16	15.66 0.25 -4.03	14.56 0.33 -3.62	11.62 0.18 -3.82	10.10 0.03 -3.69
CANDIGU_WT_PWR 323617	12.04 0.06 -5.38	11.57 0.05 -5.01	12.06 0.05 -4.48	11.99 0.09 -4.35	8.51 0.06 -6.24	10.46 0.16 -5.63	15.07 0.37 -7.24	16.67 0.42 -7.60	18.20 0.49 -6.91	16.87 0.51 -5.72	16.85 0.52 -5.68	17.98 0.57 -4.46	15.96 0.45 -4.88	14.42 0.35 -5.04	12.88 0.30 -4.96	12.94 0.29 -5.18	15.95 0.43 -4.91	18.96 0.32 -7.69	22.85 0.46 -6.97	19.15 0.35 -6.79	17.10 0.42 -5.31	15.78 0.40 -4.76	12.88 0.24 -5.03	11.35 0.10 -4.86
CARR STREET_E_SYR 24060	8.79 0.03 -2.16	8.54 0.02 -2.02	9.35 0.02 -1.80	9.33 0.03 -1.75	4.72 0.02 -2.50	6.97 0.05 -2.26	10.63 0.13 -3.03	12.00 0.18 -3.17	13.90 0.22 -2.89	13.23 0.20 -2.39	13.22 0.20 -2.37	15.07 0.25 -1.87	12.85 0.17 -2.05	11.25 0.13 -2.11	9.81 0.10 -2.08	9.74 0.09 -2.17	12.83 0.15 -2.06	14.35 0.16 -3.23	18.59 0.25 -2.93	15.05 0.20 -2.83	13.78 0.19 -2.21	12.76 0.16 -1.98	9.80 0.08 -2.09	8.44 0.03 -2.02
CARTHAGE__PAPER 23857	7.54 0.16 -0.78	7.40 0.17 -0.73	8.39 0.20 -0.65	8.39 0.20 -0.63	2.30 0.09 0.00	4.89 0.22 0.00	8.00 0.53 0.00	9.23 0.59 0.00	12.26 0.71 -0.75	11.26 0.62 0.00	11.17 0.52 0.00	13.72 0.76 0.00	11.28 0.65 0.00	9.45 0.42 0.00	7.97 0.34 0.00	7.80 0.33 0.00	11.12 0.50 0.00	11.57 0.62 0.00	16.33 0.91 0.00	13.52 0.55 -0.94	12.62 0.51 -0.74	11.71 0.43 -0.66	8.58 0.26 -0.70	7.27 0.20 -0.68
CASSADAGA_WT_PWR 323784	11.03 0.11 -4.32	10.62 0.08 -4.03	11.25 0.11 -3.60	11.20 0.16 -3.49	7.34 0.09 -5.05	9.50 0.27 -4.55	13.96 0.62 -5.87	15.56 0.76 -6.16	17.27 0.87 -5.60	16.19 0.92 -4.63	16.18 0.93 -4.60	17.47 0.93 -3.59	15.28 0.72 -3.93	13.68 0.57 -4.09	12.07 0.46 -3.99	12.09 0.45 -4.16	15.21 0.64 -3.95	17.57 0.43 -6.19	21.62 0.59 -5.61	17.84 0.36 -5.46	16.16 0.51 -4.27	15.01 0.56 -3.83	11.98 0.32 -4.04	10.44 0.14 -3.91
CE_DUNWOOD__DRP 24194	30.77 0.58 -23.60	29.07 0.57 -21.99	27.83 0.66 -19.63	27.28 0.67 -19.06	31.11 0.12 -28.78	30.93 0.29 -25.97	41.10 0.50 -33.13	43.07 0.67 -33.75	42.47 0.97 -30.71	36.95 0.92 -25.39	36.80 0.95 -25.20	34.09 1.15 -19.98	33.47 0.96 -21.88	32.24 0.82 -22.40	30.55 0.70 -22.22	31.35 0.69 -23.19	33.56 0.94 -22.00	47.46 0.99 -35.52	48.97 1.37 -32.19	44.50 1.12 -31.36	36.87 0.97 -24.53	33.55 0.94 -21.99	31.54 0.69 -23.22	29.40 0.55 -22.46
CE_MILLWOOD__DRP 24193	30.68 0.56 -23.52	28.98 0.55 -21.93	27.75 0.64 -19.57	27.20 0.65 -19.00	30.99 0.12 -28.67	30.82 0.28 -25.87	40.95 0.48 -33.00	42.91 0.65 -33.62	42.32 0.94 -30.58	36.81 0.88 -25.29	36.67 0.92 -25.10	33.96 1.10 -19.90	33.34 0.91 -21.80	32.11 0.78 -22.31	30.43 0.67 -22.13	31.23 0.66 -23.10	33.44 0.91 -21.91	47.28 0.95 -35.38	48.80 1.33 -32.06	44.34 1.08 -31.24	36.75 0.94 -24.43	33.43 0.91 -21.90	31.41 0.66 -23.13	29.29 0.53 -22.38
CE_NYC2_DRP 24202	30.89 0.66 -23.63	29.18 0.65 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.62 1.06 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.64 1.11 -35.59	49.17 1.51 -32.25	44.69 1.25 -31.42	37.01 1.07 -24.57	33.70 1.05 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51



CE_NYC_DRP 24195	30.86 0.63 -23.63	29.15 0.62 -22.02	27.92 0.72 -19.66	27.37 0.73 -19.09	31.17 0.13 -28.83	31.01 0.33 -26.02	41.20 0.54 -33.19	43.21 0.75 -33.82	42.64 1.08 -30.76	37.09 1.01 -25.44	36.96 1.05 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.92	32.39 0.93 -22.44	30.69 0.80 -22.26	31.48 0.78 -23.23	33.71 1.05 -22.04	47.10 1.09 -35.06	48.75 1.51 -31.82	44.53 1.25 -31.26	37.01 1.07 -24.57	33.69 1.04 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
CHAFFEE___LFGE 323603	10.91 0.07 -4.23	10.50 0.05 -3.95	11.11 0.05 -3.52	11.06 0.08 -3.42	7.22 0.07 -4.94	9.33 0.20 -4.46	13.67 0.45 -5.75	15.21 0.53 -6.04	16.86 0.57 -5.49	15.79 0.61 -4.54	15.77 0.61 -4.51	17.13 0.66 -3.52	15.01 0.53 -3.85	13.44 0.42 -4.01	11.87 0.34 -3.91	11.89 0.34 -4.08	14.96 0.47 -3.87	17.30 0.27 -6.07	21.35 0.43 -5.50	17.67 0.30 -5.35	15.96 0.40 -4.19	14.83 0.46 -3.75	11.86 0.27 -3.96	10.31 0.09 -3.83
CHATEAUG_WT_PWR 323614	6.06 -0.53 0.00	5.98 -0.52 0.00	6.95 -0.59 0.00	6.93 -0.62 0.00	1.21 -0.13 0.87	3.59 -0.29 0.79	6.97 -0.49 0.00	8.05 -0.60 0.00	9.26 -0.79 0.75	9.87 -0.77 0.00	9.89 -0.77 0.00	12.06 -0.89 0.00	9.92 -0.71 0.00	8.43 -0.60 0.00	7.13 -0.50 0.00	7.00 -0.48 0.00	9.96 -0.66 0.00	10.33 -0.62 0.00	14.54 -0.88 0.00	11.30 -0.72 0.00	10.70 -0.67 0.00	9.99 -0.63 0.00	7.21 -0.41 0.00	6.12 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	6.06 -0.54 0.00	5.98 -0.53 0.00	6.95 -0.59 0.00	6.93 -0.62 0.00	1.24 -0.12 0.85	3.62 -0.29 0.76	6.98 -0.49 0.00	8.05 -0.60 0.00	9.21 -0.79 0.80	9.87 -0.77 0.00	9.89 -0.77 0.00	12.05 -0.91 0.00	9.92 -0.71 0.00	8.43 -0.60 0.00	7.13 -0.50 0.00	7.00 -0.48 0.00	9.97 -0.65 0.00	10.34 -0.61 0.00	14.55 -0.86 0.00	11.31 -0.71 0.00	10.71 -0.66 0.00	10.00 -0.62 0.00	7.22 -0.40 0.00	6.14 -0.25 0.00
CHAUTAUQUA___LFGE 323629	10.90 0.07 -4.23	10.50 0.05 -3.95	11.13 0.07 -3.52	11.08 0.11 -3.42	7.23 0.08 -4.94	9.36 0.22 -4.46	13.74 0.51 -5.75	15.29 0.60 -6.04	16.97 0.68 -5.49	15.91 0.72 -4.54	15.89 0.73 -4.51	17.22 0.75 -3.52	15.08 0.59 -3.85	13.50 0.47 -4.00	11.92 0.38 -3.91	11.93 0.37 -4.08	15.01 0.52 -3.87	17.34 0.32 -6.07	21.37 0.45 -5.50	17.65 0.28 -5.35	15.97 0.41 -4.19	14.84 0.47 -3.75	11.85 0.27 -3.96	10.31 0.10 -3.83
CH_MIDHUDSON___DRP 24192	32.33 0.59 -25.15	30.52 0.58 -23.44	29.13 0.67 -20.92	28.55 0.69 -20.31	34.38 0.13 -32.04	33.88 0.30 -28.91	44.60 0.51 -36.62	46.66 0.98 -37.32	45.73 0.98 -33.95	39.64 0.93 -28.08	39.47 0.95 -27.87	36.19 1.14 -22.09	35.75 0.92 -24.20	34.57 0.78 -24.76	32.87 0.67 -24.57	33.76 0.65 -25.64	35.88 0.93 -24.32	51.19 0.99 -39.25	52.39 1.40 -35.57	47.79 1.12 -34.65	39.47 0.99 -27.10	35.86 0.94 -24.30	33.97 0.69 -25.66	31.75 0.54 -24.83
CH_MISC_IPPS 23765	31.35 0.60 -24.15	29.60 0.59 -22.51	28.31 0.68 -20.10	27.76 0.69 -19.51	32.39 0.14 -30.04	32.10 0.32 -27.11	42.47 0.54 -34.46	44.47 0.73 -35.10	43.73 1.00 -31.93	37.99 0.95 -26.41	37.84 0.98 -26.21	34.90 1.17 -20.78	34.33 0.94 -22.76	33.11 0.79 -23.29	31.41 0.68 -23.11	32.25 0.66 -24.11	34.45 0.96 -22.88	48.91 1.02 -36.94	50.36 1.47 -33.48	45.80 1.17 -32.62	37.91 1.02 -25.51	34.46 0.98 -22.87	32.48 0.71 -24.15	30.30 0.56 -23.36
CH_RES_BVR_FALLS 23983	5.23 -0.19 1.18	5.21 -0.19 1.10	6.34 -0.21 0.98	6.38 -0.22 0.95	-0.74 -0.04 2.91	1.94 -0.11 2.62	4.97 -0.18 2.32	5.67 -0.17 2.80	7.84 -0.22 2.74	8.34 -0.19 2.11	8.39 -0.17 2.09	11.10 -0.19 1.66	8.64 -0.17 1.82	7.01 -0.15 1.86	5.65 -0.13 1.84	5.43 -0.12 1.92	8.63 -0.16 1.83	7.86 -0.15 2.94	12.57 -0.18 2.66	9.28 -0.16 2.59	9.20 -0.15 2.02	8.65 -0.16 1.81	5.58 -0.12 1.92	4.43 -0.10 1.85
CH_RES_NIAGARA 23895	10.13 -0.24 -3.77	9.76 -0.25 -3.51	10.39 -0.29 -3.14	10.34 -0.26 -3.05	6.60 -0.03 -4.42	8.62 -0.03 -3.99	12.66 0.05 -5.15	14.05 0.00 -5.40	15.62 -0.09 -4.91	14.65 -0.05 -4.06	14.63 -0.05 -4.03	15.98 -0.13 -3.15	13.99 -0.10 -3.45	12.49 -0.12 -3.58	11.04 -0.09 -3.50	11.04 -0.09 -3.66	13.94 -0.15 -3.47	16.03 -0.36 -5.44	19.85 -0.49 -4.93	16.42 -0.40 -4.79	14.85 -0.27 -3.75	13.84 -0.14 -3.36	11.04 -0.13 -3.55	9.58 -0.24 -3.43
CH_RES_SYRACUSE 23985	9.09 0.05 -2.45	8.82 0.04 -2.28	9.61 0.04 -2.04	9.59 0.06 -1.98	5.10 0.02 -2.86	7.32 0.07 -2.58	11.03 0.16 -3.40	12.43 0.22 -3.57	14.30 0.25 -3.25	13.56 0.23 -2.69	13.57 0.25 -2.67	15.36 0.30 -2.11	13.15 0.21 -2.31	11.56 0.16 -2.37	10.10 0.13 -2.35	10.05 0.13 -2.45	13.13 0.19 -2.32	14.82 0.23 -3.64	19.04 0.32 -3.29	15.47 0.25 -3.20	14.12 0.25 -2.50	13.06 0.20 -2.24	10.10 0.11 -2.37	8.74 0.06 -2.29
CLINTON_WT_PWR 323605	6.06 -0.53 0.00	5.98 -0.52 0.00	6.95 -0.59 0.00	6.93 -0.62 0.00	1.21 -0.13 0.87	3.59 -0.29 0.79	6.97 -0.49 0.00	8.05 -0.60 0.00	9.26 -0.79 0.75	9.87 -0.77 0.00	9.89 -0.77 0.00	12.06 -0.89 0.00	9.92 -0.71 0.00	8.43 -0.60 0.00	7.13 -0.50 0.00	7.00 -0.48 0.00	9.96 -0.66 0.00	10.33 -0.62 0.00	14.54 -0.88 0.00	11.30 -0.72 0.00	10.70 -0.67 0.00	9.99 -0.63 0.00	7.21 -0.41 0.00	6.12 -0.26 0.00
CLINTON___LFGE 323618	6.07 -0.53 0.00	5.99 -0.51 0.00	6.97 -0.57 0.00	6.95 -0.60 0.00	1.22 -0.12 0.87	3.61 -0.28 0.78	7.01 -0.46 0.00	8.09 -0.55 0.00	9.30 -0.73 0.76	9.93 -0.71 0.00	9.94 -0.71 0.00	12.12 -0.83 0.00	9.98 -0.65 0.00	8.48 -0.54 0.00	7.18 -0.45 0.00	7.04 -0.43 0.00	10.06 -0.56 0.00	10.45 -0.50 0.00	14.71 -0.71 0.00	11.42 -0.60 0.00	10.83 -0.55 0.00	10.09 -0.53 0.00	7.27 -0.35 0.00	6.19 -0.19 0.00
COLONIE_LFGE___ 323577	40.01 0.52 -32.89	37.67 0.51 -30.65	35.49 0.60 -27.36	34.71 0.59 -26.56	52.64 0.11 -50.32	50.29 0.21 -45.41	62.88 0.45 -54.97	65.31 0.48 -56.18	62.52 0.62 -51.10	53.52 0.62 -42.26	53.20 0.60 -41.95	46.93 0.72 -33.25	47.63 0.58 -36.42	46.77 0.48 -37.28	44.99 0.39 -36.98	46.45 0.39 -38.59	47.79 0.56 -36.61	70.43 0.58 -58.91	69.59 0.80 -53.38	64.61 0.59 -52.01	52.66 0.61 -40.67	47.63 0.54 -36.46	46.50 0.37 -38.51	43.90 0.26 -37.25
COPENHAGEN_WT_PWR 323753	7.79 0.14 -1.05	7.63 0.15 -0.98	8.59 0.18 -0.88	8.58 0.18 -0.85	3.25 0.08 -0.96	5.73 0.19 -0.87	9.08 0.52 -1.09	10.42 0.59 -1.19	13.23 0.72 -1.71	12.15 0.62 -0.89	12.08 0.54 -0.89	14.44 0.79 -0.70	12.07 0.67 -0.77	10.25 0.44 -0.79	8.77 0.37 -0.78	8.63 0.34 -0.81	11.92 0.53 -0.77	12.80 0.66 -1.20	17.46 0.96 -1.08	13.90 0.55 -1.33	12.94 0.52 -1.04	11.98 0.43 -0.93	8.85 0.24 -0.98	7.51 0.18 -0.95
CORNELL_____ 23752	12.18 0.17 -5.41	11.71 0.16 -5.05	12.22 0.17 -4.51	12.13 0.20 -4.37	8.51 0.07 -6.23	10.46 0.16 -5.62	15.04 0.34 -7.23	16.79 0.41 -7.74	18.32 0.49 -7.04	16.92 0.46 -5.82	16.89 0.46 -5.78	18.09 0.56 -4.58	16.06 0.41 -5.01	14.49 0.33 -5.13	12.99 0.27 -5.09	13.06 0.27 -5.31	16.07 0.41 -5.04	19.16 0.47 -7.74	23.12 0.69 -7.01	19.39 0.54 -6.82	17.23 0.52 -5.34	15.86 0.46 -4.78	12.95 0.28 -5.05	11.46 0.19 -4.89

COXSACKIE___GT 23611	33.46 0.59 -26.27	31.56 0.57 -24.48	30.05 0.66 -21.85	29.46 0.69 -21.22	37.14 0.15 -34.78	36.38 0.32 -31.39	47.57 0.61 -39.49	49.62 0.74 -40.23	48.30 0.91 -36.60	41.73 0.82 -30.26	41.53 0.83 -30.04	37.66 0.89 -23.81	37.43 0.71 -26.08	36.31 0.60 -26.70	34.61 0.50 -26.48	35.60 0.49 -27.64	37.61 0.77 -26.22	54.15 0.88 -42.33	55.13 1.36 -38.36	50.44 1.05 -37.37	41.53 0.93 -29.23	37.68 0.86 -26.20	35.89 0.59 -27.67	33.60 0.45 -26.77
CPV_VALLEY___CC1 323721	27.71 0.41 -20.70	26.19 0.40 -19.29	25.22 0.46 -17.22	24.75 0.48 -16.72	26.46 0.08 -24.16	26.67 0.20 -21.81	35.64 0.34 -27.83	37.40 0.46 -28.30	37.21 0.67 -25.74	32.55 0.63 -21.28	32.43 0.65 -21.13	30.49 0.79 -16.75	29.64 0.66 -18.35	28.36 0.56 -18.77	26.73 0.48 -18.63	27.38 0.47 -19.44	29.72 0.66 -18.44	41.46 0.67 -29.84	43.40 0.94 -27.04	39.13 0.77 -26.34	32.65 0.67 -20.60	29.76 0.67 -18.47	27.62 0.49 -19.51	25.63 0.38 -18.87
CPV_VALLEY___CC2 323722	27.71 0.41 -20.70	26.19 0.40 -19.29	25.22 0.46 -17.22	24.75 0.48 -16.72	26.46 0.08 -24.16	26.67 0.20 -21.81	35.64 0.34 -27.83	37.40 0.46 -28.30	37.21 0.67 -25.74	32.55 0.63 -21.28	32.43 0.65 -21.13	30.49 0.79 -16.75	29.64 0.66 -18.35	28.36 0.56 -18.77	26.73 0.48 -18.63	27.38 0.47 -19.44	29.72 0.66 -18.44	41.46 0.67 -29.84	43.40 0.94 -27.04	39.13 0.77 -26.34	32.65 0.67 -20.60	29.76 0.67 -18.47	27.62 0.49 -19.51	25.63 0.38 -18.87
CRESCENT___HYD 24018	40.01 0.52 -32.89	37.67 0.51 -30.65	35.49 0.60 -27.36	34.71 0.59 -26.56	52.64 0.11 -50.32	50.29 0.21 -45.41	62.88 0.45 -54.97	65.31 0.48 -56.18	62.52 0.62 -51.10	53.52 0.60 -42.26	53.20 0.62 -41.95	46.93 0.72 -33.25	47.63 0.58 -36.42	46.77 0.48 -37.28	44.99 0.39 -36.98	46.45 0.39 -38.59	47.79 0.56 -36.61	70.43 0.58 -58.91	69.59 0.80 -53.38	64.61 0.59 -52.01	52.66 0.61 -40.67	47.63 0.54 -36.46	46.50 0.37 -38.51	43.90 0.26 -37.25
CRICKET___VALLEY_CC1 323756	32.01 0.54 -24.87	30.21 0.53 -23.18	28.85 0.63 -20.69	28.27 0.63 -20.09	33.28 0.11 -30.96	32.86 0.25 -27.94	43.46 0.43 -35.56	45.48 0.57 -36.26	44.61 0.83 -32.99	38.70 0.79 -27.28	38.54 0.81 -27.08	35.39 0.97 -21.46	34.95 0.81 -23.51	33.77 0.69 -24.06	32.08 0.59 -23.87	32.96 0.58 -24.91	35.06 0.81 -23.63	49.90 0.82 -38.13	51.12 1.16 -34.55	46.61 0.93 -33.66	38.52 0.82 -26.33	35.01 0.79 -23.60	33.13 0.59 -24.93	30.98 0.48 -24.11
CRICKET___VALLEY_CC2 323757	32.01 0.54 -24.87	30.21 0.53 -23.18	28.85 0.63 -20.69	28.27 0.63 -20.09	33.28 0.11 -30.96	32.86 0.25 -27.94	43.46 0.43 -35.56	45.48 0.57 -36.26	44.61 0.83 -32.99	38.70 0.79 -27.28	38.54 0.81 -27.08	35.39 0.97 -21.46	34.95 0.81 -23.51	33.77 0.69 -24.06	32.08 0.59 -23.87	32.96 0.58 -24.91	35.06 0.81 -23.63	49.90 0.82 -38.13	51.12 1.16 -34.55	46.61 0.93 -33.66	38.52 0.82 -26.33	35.01 0.79 -23.60	33.13 0.59 -24.93	30.98 0.48 -24.11
CRICKET___VALLEY_CC3 323758	32.01 0.54 -24.87	30.21 0.53 -23.18	28.85 0.63 -20.69	28.27 0.63 -20.09	33.28 0.11 -30.96	32.86 0.25 -27.94	43.46 0.43 -35.56	45.48 0.57 -36.26	44.61 0.83 -32.99	38.70 0.79 -27.28	38.54 0.81 -27.08	35.39 0.97 -21.46	34.95 0.81 -23.51	33.77 0.69 -24.06	32.08 0.59 -23.87	32.96 0.58 -24.91	35.06 0.81 -23.63	49.90 0.82 -38.13	51.12 1.16 -34.55	46.61 0.93 -33.66	38.52 0.82 -26.33	35.01 0.79 -23.60	33.13 0.59 -24.93	30.98 0.48 -24.11
CRUCIBLE_METL_DRP 24180	9.09 0.05 -2.45	8.82 0.04 -2.28	9.61 0.04 -2.04	9.59 0.06 -1.98	5.10 0.02 -2.86	7.32 0.07 -2.58	11.03 0.16 -3.40	12.43 0.22 -3.57	14.30 0.25 -3.25	13.56 0.23 -2.69	13.57 0.25 -2.67	15.36 0.30 -2.11	13.15 0.21 -2.31	11.56 0.16 -2.37	10.10 0.13 -2.35	10.05 0.13 -2.45	13.13 0.19 -2.32	14.82 0.23 -3.64	19.04 0.32 -3.29	15.47 0.25 -3.20	14.12 0.25 -2.50	13.06 0.20 -2.24	10.10 0.11 -2.37	8.74 0.06 -2.29
DAHOWA___HYDRO 323763	40.79 0.67 -33.52	38.41 0.66 -31.24	36.19 0.76 -27.89	35.39 0.76 -27.08	54.14 0.16 -51.77	51.69 0.30 -46.71	64.49 0.63 -56.39	67.00 0.71 -57.64	64.16 0.93 -52.44	54.96 0.96 -43.36	54.60 0.90 -43.04	48.14 1.07 -34.12	48.85 0.85 -37.37	47.96 0.69 -38.25	46.12 0.56 -37.94	47.62 0.55 -39.59	48.97 0.79 -37.56	72.19 0.81 -60.43	71.33 1.16 -54.76	66.20 0.83 -53.35	54.00 0.90 -41.73	48.80 0.77 -37.41	47.68 0.55 -39.51	44.98 0.38 -38.22
DANC___LFGE 323619	8.03 0.07 -1.37	7.85 0.07 -1.28	8.75 0.08 -1.14	8.75 0.09 -1.11	3.68 0.04 -1.43	6.07 0.10 -1.29	9.35 0.40 -1.49	10.68 0.44 -1.59	13.27 0.54 -1.93	12.30 0.46 -1.20	12.26 0.42 -1.19	14.52 0.62 -0.94	12.17 0.51 -1.03	10.42 0.34 -1.06	8.95 0.28 -1.05	8.83 0.26 -1.09	12.06 0.40 -1.04	13.06 0.49 -1.61	17.60 0.72 -1.46	14.11 0.32 -1.77	13.09 0.33 -1.38	12.13 0.27 -1.24	9.07 0.14 -1.31	7.74 0.09 -1.27
DANSKAMMER___1 23586	31.35 0.60 -24.15	29.60 0.59 -22.51	28.31 0.68 -20.10	27.76 0.69 -19.51	32.39 0.14 -30.04	32.10 0.32 -27.11	42.47 0.54 -34.46	44.47 0.73 -35.10	43.73 1.00 -31.93	37.99 0.95 -26.41	37.84 0.98 -26.21	34.90 1.17 -20.78	34.33 0.94 -22.76	33.11 0.79 -23.29	31.41 0.68 -23.11	32.25 0.66 -24.11	34.45 0.96 -22.88	48.91 1.02 -36.94	50.36 1.47 -33.48	45.80 1.17 -32.62	37.91 1.02 -25.51	34.46 0.98 -22.87	32.48 0.71 -24.15	30.30 0.56 -23.36
DANSKAMMER___2 23589	31.35 0.60 -24.15	29.60 0.59 -22.51	28.31 0.68 -20.10	27.76 0.69 -19.51	32.39 0.14 -30.04	32.10 0.32 -27.11	42.47 0.54 -34.46	44.47 0.73 -35.10	43.73 1.00 -31.93	37.99 0.95 -26.41	37.84 0.98 -26.21	34.90 1.17 -20.78	34.33 0.94 -22.76	33.11 0.79 -23.29	31.41 0.68 -23.11	32.25 0.66 -24.11	34.45 0.96 -22.88	48.91 1.02 -36.94	50.36 1.47 -33.48	45.80 1.17 -32.62	37.91 1.02 -25.51	34.46 0.98 -22.87	32.48 0.71 -24.15	30.30 0.56 -23.36
DANSKAMMER___3 23590	31.35 0.60 -24.15	29.60 0.59 -22.51	28.31 0.68 -20.10	27.76 0.69 -19.51	32.39 0.14 -30.04	32.10 0.32 -27.11	42.47 0.54 -34.46	44.47 0.73 -35.10	43.73 1.00 -31.93	37.99 0.95 -26.41	37.84 0.98 -26.21	34.90 1.17 -20.78	34.33 0.94 -22.76	33.11 0.79 -23.29	31.41 0.68 -23.11	32.25 0.66 -24.11	34.45 0.96 -22.88	48.91 1.02 -36.94	50.36 1.47 -33.48	45.80 1.17 -32.62	37.91 1.02 -25.51	34.46 0.98 -22.87	32.48 0.71 -24.15	30.30 0.56 -23.36
DANSKAMMER___4 23591	31.35 0.60 -24.15	29.60 0.59 -22.51	28.31 0.68 -20.10	27.76 0.69 -19.51	32.39 0.14 -30.04	32.10 0.32 -27.11	42.47 0.54 -34.46	44.47 0.73 -35.10	43.73 1.00 -31.93	37.99 0.95 -26.41	37.84 0.98 -26.21	34.90 1.17 -20.78	34.33 0.94 -22.76	33.11 0.79 -23.29	31.41 0.68 -23.11	32.25 0.66 -24.11	34.45 0.96 -22.88	48.91 1.02 -36.94	50.36 1.47 -33.48	45.80 1.17 -32.62	37.91 1.02 -25.51	34.46 0.98 -22.87	32.48 0.71 -24.15	30.30 0.56 -23.36
DANSKAMMER___DIESEL 23592	31.35 0.60 -24.15	29.60 0.59 -22.51	28.31 0.68 -20.10	27.76 0.69 -19.51	32.39 0.14 -30.04	32.10 0.32 -27.11	42.47 0.54 -34.46	44.47 0.73 -35.10	43.73 1.00 -31.93	37.99 0.95 -26.41	37.84 0.98 -26.21	34.90 1.17 -20.78	34.33 0.94 -22.76	33.11 0.79 -23.29	31.41 0.68 -23.11	32.25 0.66 -24.11	34.45 0.96 -22.88	48.91 1.02 -36.94	50.36 1.47 -33.48	45.80 1.17 -32.62	37.91 1.02 -25.51	34.46 0.98 -22.87	32.48 0.71 -24.15	30.30 0.56 -23.36

DASHVILLE___HYD 23610	31.57 0.50 -24.47	29.80 0.49 -22.81	28.46 0.57 -20.36	27.90 0.58 -19.76	33.14 0.11 -30.82	32.74 0.26 -27.81	43.18 0.43 -35.28	45.07 0.59 -35.83	44.22 0.83 -32.60	38.37 0.78 -26.95	38.22 0.81 -26.76	35.12 0.96 -21.21	34.64 0.78 -23.23	33.46 0.66 -23.78	31.78 0.56 -23.59	32.64 0.55 -24.62	34.77 0.80 -23.35	49.61 0.84 -37.82	50.90 1.22 -34.27	46.38 0.97 -33.39	38.33 0.84 -26.11	34.85 0.82 -23.41	32.95 0.60 -24.73	30.78 0.48 -23.92
DELAWARE___LFGE 323621	17.44 0.27 -10.57	16.62 0.27 -9.85	16.64 0.31 -8.79	16.41 0.32 -8.54	13.58 0.07 -11.31	15.03 0.16 -10.20	20.29 0.31 -12.52	22.37 0.37 -13.35	23.45 0.51 -12.15	21.18 0.49 -10.05	21.11 0.49 -9.97	21.47 0.60 -7.92	19.80 0.49 -8.68	18.28 0.40 -8.86	16.77 0.34 -8.81	16.99 0.32 -9.19	19.81 0.47 -8.72	24.89 0.49 -13.45	28.31 0.71 -12.18	24.44 0.55 -11.87	21.19 0.53 -9.28	19.43 0.49 -8.32	16.74 0.33 -8.79	15.13 0.25 -8.50
DOGLEVILLE___HYD 23807	6.48 0.45 0.57	6.42 0.44 0.53	7.57 0.50 0.47	7.60 0.51 0.46	0.81 0.14 1.54	3.58 0.30 1.39	6.89 0.51 1.09	8.11 0.62 1.16	10.53 0.79 1.05	10.55 0.78 0.87	10.52 0.73 0.86	13.18 0.91 0.68	10.64 0.75 0.75	8.87 0.61 0.77	7.38 0.52 0.76	7.19 0.52 0.79	10.62 0.75 0.75	10.51 0.78 1.22	15.39 1.08 1.11	11.78 0.83 1.07	11.35 0.82 0.84	10.61 0.74 0.75	7.34 0.52 0.79	6.03 0.41 0.77
DUNKIRK___1 23563	10.90 0.07 -4.23	10.49 0.05 -3.94	11.12 0.07 -3.52	11.08 0.11 -3.41	7.22 0.08 -4.93	9.34 0.22 -4.45	13.72 0.51 -5.74	15.26 0.59 -6.02	16.95 0.67 -5.48	15.87 0.70 -4.53	15.86 0.71 -4.50	17.20 0.74 -3.51	15.05 0.57 -3.84	13.47 0.45 -4.00	11.90 0.37 -3.90	11.91 0.37 -4.07	14.99 0.51 -3.86	17.32 0.31 -6.06	21.34 0.43 -5.49	17.64 0.28 -5.34	15.96 0.41 -4.18	14.83 0.47 -3.75	11.85 0.27 -3.96	10.31 0.10 -3.83
DUNKIRK___2 23564	10.90 0.07 -4.23	10.49 0.05 -3.94	11.12 0.07 -3.52	11.08 0.11 -3.41	7.22 0.08 -4.93	9.34 0.22 -4.45	13.72 0.51 -5.74	15.26 0.59 -6.02	16.95 0.67 -5.48	15.87 0.70 -4.53	15.86 0.71 -4.50	17.20 0.74 -3.51	15.05 0.57 -3.84	13.47 0.45 -4.00	11.90 0.37 -3.90	11.91 0.37 -4.07	14.99 0.51 -3.86	17.32 0.31 -6.06	21.34 0.43 -5.49	17.64 0.28 -5.34	15.96 0.41 -4.18	14.83 0.47 -3.75	11.85 0.27 -3.96	10.31 0.10 -3.83
DUNKIRK___3 23565	10.86 0.05 -4.21	10.46 0.03 -3.92	11.08 0.05 -3.50	11.03 0.08 -3.40	7.19 0.07 -4.91	9.30 0.19 -4.43	13.63 0.45 -5.72	15.16 0.52 -6.00	16.82 0.57 -5.46	15.77 0.62 -4.51	15.75 0.62 -4.48	17.10 0.65 -3.49	14.97 0.51 -3.83	13.40 0.40 -3.98	11.84 0.33 -3.89	11.85 0.32 -4.06	14.91 0.45 -3.85	17.24 0.25 -6.03	21.25 0.37 -5.47	17.58 0.24 -5.32	15.90 0.36 -4.16	14.77 0.43 -3.73	11.81 0.25 -3.94	10.28 0.08 -3.81
DUNKIRK___4 23566	10.86 0.05 -4.21	10.46 0.03 -3.92	11.08 0.05 -3.50	11.03 0.08 -3.40	7.19 0.07 -4.91	9.30 0.19 -4.43	13.63 0.45 -5.72	15.16 0.52 -6.00	16.82 0.57 -5.46	15.77 0.62 -4.51	15.75 0.62 -4.48	17.10 0.65 -3.49	14.97 0.51 -3.83	13.40 0.40 -3.98	11.84 0.33 -3.89	11.85 0.32 -4.06	14.91 0.45 -3.85	17.24 0.25 -6.03	21.25 0.37 -5.47	17.58 0.24 -5.32	15.90 0.36 -4.16	14.77 0.43 -3.73	11.81 0.25 -3.94	10.28 0.08 -3.81
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.84 0.61 -23.63	29.13 0.60 -22.02	27.89 0.69 -19.66	27.34 0.70 -19.08	31.17 0.13 -28.83	30.99 0.31 -26.01	41.17 0.51 -33.19	43.15 0.69 -33.81	42.55 0.99 -30.76	37.01 0.94 -25.43	36.87 0.97 -25.25	34.15 1.18 -20.01	33.53 0.98 -21.92	32.30 0.85 -22.43	30.61 0.72 -22.26	31.41 0.71 -23.23	33.63 0.98 -22.04	47.57 1.04 -35.58	49.11 1.45 -32.24	44.60 1.17 -31.41	36.94 1.00 -24.57	33.62 0.98 -22.02	31.60 0.72 -23.26	29.46 0.57 -22.50
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.45 0.52 -23.33	28.76 0.51 -21.75	27.54 0.60 -19.41	27.00 0.60 -18.85	30.92 0.11 -28.60	30.74 0.27 -25.81	40.77 0.46 -32.85	42.70 0.61 -33.44	42.09 0.87 -30.42	36.61 0.82 -25.15	36.47 0.85 -24.97	33.76 1.01 -19.79	33.14 0.83 -21.68	31.91 0.70 -22.19	30.25 0.61 -22.01	31.04 0.59 -22.97	33.25 0.84 -21.79	47.05 0.89 -35.22	48.59 1.26 -31.91	44.12 1.01 -31.09	36.58 0.89 -24.32	33.28 0.86 -21.80	31.27 0.62 -23.02	29.15 0.49 -22.27
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.90 0.67 -23.63	29.17 0.65 -22.02	27.93 0.74 -19.66	27.38 0.75 -19.08	31.17 0.14 -28.83	30.99 0.30 -26.01	41.12 0.47 -33.19	43.10 0.64 -33.81	42.46 0.91 -30.76	36.91 0.83 -25.43	36.78 0.88 -25.25	34.04 1.07 -20.01	33.47 0.91 -21.92	32.24 0.78 -22.43	30.56 0.67 -22.26	31.36 0.66 -23.23	33.56 0.90 -22.04	47.58 1.05 -35.58	49.14 1.48 -32.24	44.62 1.19 -31.41	36.87 0.93 -24.57	33.62 0.98 -22.02	31.63 0.75 -23.26	29.50 0.61 -22.50
EAST HAMPTON___GT 23717	38.61 1.05 -30.96	37.51 1.03 -29.98	36.19 1.21 -27.44	36.20 1.22 -27.42	37.44 0.29 -34.95	38.26 0.69 -32.90	42.31 1.25 -33.58	45.96 1.69 -35.63	45.82 2.28 -32.75	43.04 2.24 -30.16	44.94 2.22 -32.07	43.64 2.67 -28.02	41.39 2.12 -28.65	40.57 1.67 -29.88	40.29 1.39 -31.27	40.27 1.34 -31.46	45.86 1.95 -33.29	58.99 2.12 -45.91	69.22 2.98 -50.83	59.48 2.39 -45.07	48.75 2.12 -35.26	42.07 2.00 -29.45	40.11 1.40 -31.09	37.66 1.05 -30.23
EAST RIVER___6 23660	30.81 0.58 -23.63	29.09 0.57 -22.02	27.85 0.66 -19.66	27.29 0.66 -19.09	31.15 0.11 -28.83	30.97 0.28 -26.02	41.15 0.49 -33.19	43.16 0.70 -33.82	42.59 1.04 -30.76	37.01 0.94 -25.44	36.88 0.98 -25.25	34.16 1.19 -20.02	33.57 1.01 -21.92	32.33 0.87 -22.44	30.63 0.75 -22.26	31.44 0.73 -23.23	33.63 0.98 -22.04	47.08 1.07 -35.06	48.70 1.47 -31.82	44.49 1.21 -31.26	36.92 0.98 -24.57	33.59 0.94 -22.03	31.58 0.69 -23.26	29.44 0.55 -22.50
EAST RIVER___7 23524	30.81 0.58 -23.63	29.09 0.57 -22.02	27.85 0.66 -19.66	27.29 0.66 -19.09	31.15 0.11 -28.83	30.97 0.28 -26.02	41.15 0.49 -33.19	43.16 0.70 -33.82	42.59 1.04 -30.76	37.01 0.94 -25.44	36.88 0.98 -25.25	34.16 1.19 -20.02	33.57 1.01 -21.92	32.33 0.87 -22.44	30.63 0.75 -22.26	31.44 0.73 -23.23	33.63 0.98 -22.04	47.08 1.07 -35.06	48.70 1.47 -31.82	44.49 1.21 -31.26	36.92 0.98 -24.57	33.59 0.94 -22.03	31.58 0.69 -23.26	29.44 0.55 -22.50
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.77 0.58 -23.60	29.07 0.57 -21.99	27.83 0.66 -19.63	27.28 0.67 -19.06	31.11 0.12 -28.78	30.93 0.29 -25.97	41.10 0.50 -33.13	43.07 0.67 -33.75	42.47 0.97 -30.71	36.95 0.92 -25.39	36.80 0.95 -25.20	34.09 1.15 -19.98	33.47 0.96 -21.88	32.24 0.82 -22.40	30.55 0.70 -22.22	31.35 0.69 -23.19	33.56 0.94 -22.00	47.46 0.99 -35.52	48.97 1.37 -32.19	44.50 1.12 -31.36	36.87 0.97 -24.53	33.55 0.94 -21.99	31.54 0.69 -23.22	29.40 0.55 -22.46
EAST_HAMPTON___DIESEL 23722	38.61 1.05 -30.96	37.52 1.03 -29.98	36.19 1.21 -27.44	36.20 1.22 -27.42	37.45 0.29 -34.95	38.27 0.70 -32.90	42.31 1.26 -33.58	45.96 1.69 -35.63	45.82 2.28 -32.75	43.05 2.24 -30.16	44.94 2.22 -32.07	43.64 2.67 -28.02	41.39 2.12 -28.65	40.57 1.67 -29.88	40.28 1.38 -31.27	40.26 1.33 -31.46	45.86 1.95 -33.29	58.99 2.12 -45.91	69.22 2.98 -50.83	59.48 2.39 -45.07	48.75 2.12 -35.26	42.07 2.00 -29.45	40.11 1.40 -31.09	37.66 1.05 -30.23

EAST_RIVER___1 323558	30.86 0.63 -23.63	29.15 0.62 -22.02	27.92 0.72 -19.66	27.37 0.73 -19.09	31.17 0.13 -28.83	31.01 0.33 -26.02	41.20 0.54 -33.19	43.21 0.75 -33.82	42.64 1.08 -30.76	37.09 1.01 -25.44	36.96 1.05 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.92	32.39 0.93 -22.44	30.69 0.80 -22.26	31.48 0.78 -23.23	33.71 1.05 -22.04	47.10 1.09 -35.06	48.75 1.51 -31.82	44.53 1.25 -31.26	37.01 1.07 -24.57	33.69 1.04 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
EAST_RIVER___2 323559	30.81 0.58 -23.63	29.09 0.57 -22.02	27.85 0.66 -19.66	27.29 0.66 -19.09	31.15 0.11 -28.83	30.97 0.28 -26.02	41.15 0.49 -33.19	43.16 0.70 -33.82	42.59 1.04 -30.76	37.01 0.94 -25.44	36.88 0.98 -25.25	34.16 1.19 -20.02	33.57 1.01 -21.92	32.33 0.87 -22.44	30.63 0.75 -22.26	31.44 0.73 -23.23	33.63 0.98 -22.04	47.08 1.07 -35.06	48.70 1.47 -31.82	44.49 1.21 -31.26	36.92 0.98 -24.57	33.59 0.94 -22.03	31.58 0.69 -23.26	29.44 0.55 -22.50
EAST___DELAWARE_HYD 23607	28.63 0.50 -21.54	27.06 0.48 -20.08	26.02 0.57 -17.92	25.53 0.58 -17.40	28.13 0.11 -25.80	28.22 0.27 -23.29	37.63 0.54 -29.62	39.06 0.84 -29.58	38.79 1.09 -26.91	33.87 0.98 -22.25	33.74 1.00 -22.09	31.63 1.17 -17.51	30.75 0.94 -19.18	29.41 0.77 -19.63	27.75 0.65 -19.47	28.43 0.63 -20.32	30.83 0.93 -19.28	43.67 0.96 -31.76	45.64 1.45 -28.78	41.20 1.14 -28.04	34.30 1.00 -21.93	31.23 0.96 -19.66	29.08 0.69 -20.76	27.01 0.54 -20.08
ELEC_TRO_TEK 24086	38.13 0.73 -30.80	37.02 0.72 -29.80	35.64 0.84 -27.27	35.63 0.85 -27.23	37.19 0.17 -34.81	37.82 0.40 -32.75	41.71 0.67 -33.58	45.12 0.88 -35.59	44.73 1.23 -32.70	41.87 1.17 -30.05	43.77 1.20 -31.92	42.25 1.45 -27.84	40.32 1.19 -28.49	39.76 1.03 -29.71	39.57 0.88 -31.07	39.60 0.86 -31.27	44.84 1.19 -33.03	57.86 1.23 -45.68	67.54 1.71 -50.41	58.17 1.38 -44.76	47.63 1.24 -35.02	41.10 1.20 -29.28	39.40 0.87 -30.91	37.14 0.70 -30.05
ELLENBURG_WT_PWR 323604	6.06 -0.53 0.00	5.98 -0.52 0.00	6.95 -0.59 0.00	6.93 -0.62 0.00	1.21 -0.13 0.87	3.59 -0.29 0.79	6.97 -0.49 0.00	8.05 -0.60 0.00	9.26 -0.79 0.75	9.87 -0.77 0.00	9.89 -0.77 0.00	12.06 -0.89 0.00	9.92 -0.71 0.00	8.43 -0.60 0.00	7.13 -0.50 0.00	7.00 -0.48 0.00	9.96 -0.66 0.00	10.33 -0.62 0.00	14.54 -0.88 0.00	11.30 -0.72 0.00	10.70 -0.67 0.00	9.99 -0.63 0.00	7.21 -0.41 0.00	6.12 -0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	10.58 -0.02 -4.00	10.19 -0.04 -3.73	10.82 -0.04 -3.33	10.77 -0.01 -3.23	6.92 0.04 -4.67	9.02 0.13 -4.22	13.25 0.34 -5.44	14.72 0.36 -5.71	16.36 0.37 -5.20	15.34 0.40 -4.30	15.32 0.40 -4.26	16.70 0.41 -3.33	14.62 0.34 -3.65	13.06 0.25 -3.79	11.54 0.21 -3.70	11.54 0.20 -3.87	14.56 0.28 -3.67	16.79 0.09 -5.75	20.78 0.15 -5.21	17.17 0.08 -5.07	15.53 0.19 -3.96	14.45 0.28 -3.55	11.52 0.15 -3.75	10.01 -0.01 -3.63
EMPIRE_CC_1 323656	39.07 0.26 -32.21	36.79 0.26 -30.02	34.63 0.29 -26.80	33.86 0.29 -26.02	51.03 0.01 -48.82	48.73 0.00 -44.05	61.31 0.11 -53.73	63.61 0.04 -54.92	60.74 -0.01 -49.96	51.95 0.00 -41.31	51.63 -0.03 -41.01	45.47 0.01 -32.50	46.25 0.02 -35.60	45.47 0.01 -36.44	43.77 -0.01 -36.15	45.20 0.00 -37.72	46.43 0.02 -35.79	68.51 -0.03 -57.59	67.55 -0.05 -52.18	62.79 -0.07 -50.84	51.11 -0.03 -39.77	46.23 -0.04 -35.65	45.21 -0.06 -37.65	42.74 -0.06 -36.42
EMPIRE_CC_2 323658	39.07 0.26 -32.21	36.79 0.26 -30.02	34.63 0.29 -26.80	33.86 0.29 -26.02	51.03 0.01 -48.82	48.73 0.00 -44.05	61.31 0.11 -53.73	63.61 0.04 -54.92	60.74 -0.01 -49.96	51.95 0.00 -41.31	51.63 -0.03 -41.01	45.47 0.01 -32.50	46.25 0.02 -35.60	45.47 0.01 -36.44	43.77 -0.01 -36.15	45.20 0.00 -37.72	46.43 0.02 -35.79	68.51 -0.03 -57.59	67.55 -0.05 -52.18	62.79 -0.07 -50.84	51.11 -0.03 -39.77	46.23 -0.04 -35.65	45.21 -0.06 -37.65	42.74 -0.06 -36.42
ERIE_WT_PWR 323693	10.73 0.04 -4.09	10.34 0.02 -3.82	10.96 0.02 -3.41	10.91 0.05 -3.31	7.05 0.06 -4.78	9.16 0.17 -4.32	13.45 0.41 -5.57	14.95 0.47 -5.84	16.61 0.50 -5.32	15.57 0.53 -4.40	15.55 0.53 -4.36	16.93 0.57 -3.41	14.82 0.46 -3.73	13.25 0.35 -3.88	11.70 0.29 -3.79	11.71 0.28 -3.95	14.76 0.39 -3.75	17.04 0.21 -5.88	21.07 0.32 -5.33	17.42 0.22 -5.18	15.75 0.32 -4.05	14.65 0.39 -3.63	11.69 0.23 -3.84	10.16 0.06 -3.71
ETNA_115_KV_TB1_REV_LBMP_C 345029	12.14 0.15 -5.39	11.68 0.15 -5.03	12.19 0.17 -4.49	12.10 0.19 -4.36	8.47 0.06 -6.20	10.42 0.15 -5.60	14.99 0.33 -7.19	16.75 0.39 -7.71	18.27 0.45 -7.02	16.88 0.44 -5.80	16.85 0.44 -5.76	18.04 0.52 -4.57	16.02 0.39 -5.00	14.46 0.32 -5.12	12.96 0.26 -5.08	13.03 0.25 -5.30	16.04 0.39 -5.03	19.10 0.45 -7.71	23.05 0.65 -6.98	19.32 0.50 -6.79	17.19 0.50 -5.31	15.81 0.43 -4.76	12.92 0.27 -5.03	11.43 0.18 -4.87
E_CANADA_CAP_HY 24051	48.09 0.29 -41.20	45.17 0.27 -38.40	42.14 0.32 -34.28	41.17 0.34 -33.28	67.73 0.07 -65.46	63.86 0.13 -59.07	82.23 0.34 -74.42	85.34 0.39 -76.30	80.65 0.44 -69.41	68.48 0.45 -57.40	68.02 0.39 -56.97	58.61 0.49 -45.16	60.49 0.39 -49.47	59.95 0.30 -50.63	58.09 0.24 -50.22	60.07 0.19 -52.41	60.66 0.32 -49.72	91.10 0.37 -79.78	88.33 0.62 -72.29	82.85 0.40 -70.43	66.99 0.52 -55.09	60.42 0.41 -49.39	60.03 0.25 -52.16	56.97 0.13 -50.46
E_CANADA_MHWK_HY 24050	6.48 0.45 0.57	6.42 0.44 0.53	7.57 0.50 0.47	7.60 0.51 0.46	0.81 0.14 1.54	3.58 0.30 1.39	6.89 0.51 1.09	8.11 0.62 1.16	10.53 0.79 1.05	10.55 0.78 0.87	10.52 0.73 0.86	13.18 0.91 0.68	10.64 0.75 0.75	8.87 0.61 0.77	7.38 0.52 0.76	7.19 0.52 0.79	10.62 0.75 0.75	10.51 0.78 1.22	15.39 1.08 1.11	11.78 0.83 1.07	11.35 0.82 0.84	10.61 0.74 0.75	7.34 0.52 0.79	6.03 0.41 0.77
E_FISHKILL___LBMP 23776	31.39 0.53 -24.26	29.64 0.52 -22.62	28.33 0.60 -20.19	27.76 0.61 -19.60	32.16 0.11 -29.84	31.86 0.26 -26.92	42.26 0.45 -34.35	44.25 0.60 -35.01	43.51 0.86 -31.85	37.79 0.81 -26.34	37.64 0.84 -26.14	34.69 1.01 -20.72	34.17 0.84 -22.70	32.97 0.72 -23.23	31.29 0.62 -23.05	32.12 0.60 -24.05	34.27 0.84 -22.82	48.64 0.86 -36.83	50.00 1.22 -33.37	45.52 0.99 -32.51	37.67 0.86 -25.43	34.25 0.84 -22.80	32.31 0.61 -24.08	30.16 0.48 -23.29
FAR ROCKAWAY___4 23548	38.25 0.84 -30.81	37.13 0.82 -29.81	35.76 0.95 -27.28	35.75 0.96 -27.24	37.24 0.21 -34.82	37.90 0.48 -32.75	41.83 0.79 -33.58	45.26 1.02 -35.59	44.91 1.40 -32.71	42.04 1.34 -30.06	43.95 1.37 -31.92	42.46 1.66 -27.85	40.50 1.37 -28.50	39.91 1.17 -29.72	39.71 1.01 -31.08	39.74 0.99 -31.28	45.04 1.38 -33.04	57.96 1.32 -45.69	67.69 1.85 -50.43	58.30 1.50 -44.78	47.86 1.46 -35.03	41.30 1.39 -29.29	39.54 1.00 -30.92	37.24 0.80 -30.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.87 0.65 -23.63	29.16 0.63 -22.02	27.93 0.73 -19.66	27.38 0.74 -19.09	31.18 0.14 -28.83	31.02 0.34 -26.02	41.22 0.56 -33.19	43.23 0.77 -33.82	42.66 1.10 -30.76	37.11 1.03 -25.44	36.98 1.08 -25.25	34.28 1.31 -20.02	33.65 1.10 -21.92	32.41 0.95 -22.44	30.70 0.82 -22.26	31.50 0.79 -23.23	33.73 1.07 -22.04	47.65 1.12 -35.58	49.20 1.54 -32.24	44.71 1.27 -31.41	37.04 1.09 -24.57	33.71 1.06 -22.03	31.67 0.78 -23.26	29.51 0.62 -22.50

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.87 0.65 -23.63	29.16 0.63 -22.02	27.93 0.73 -19.66	27.38 0.74 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.21 0.55 -33.19	43.22 0.76 -33.82	42.65 1.09 -30.76	37.10 1.02 -25.44	36.97 1.07 -25.25	34.27 1.30 -20.02	33.64 1.08 -21.92	32.40 0.94 -22.44	30.69 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.64 1.11 -35.58	49.19 1.53 -32.24	44.70 1.26 -31.41	37.02 1.08 -24.57	33.70 1.05 -22.03	31.66 0.78 -23.26	29.51 0.62 -22.50
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.87 0.64 -23.63	29.15 0.62 -22.02	27.92 0.72 -19.66	27.37 0.73 -19.09	31.17 0.13 -28.83	31.01 0.33 -26.02	41.21 0.55 -33.19	43.21 0.75 -33.82	42.65 1.09 -30.76	37.10 1.02 -25.44	36.96 1.05 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.92	32.39 0.93 -22.44	30.69 0.80 -22.26	31.48 0.78 -23.23	33.71 1.05 -22.04	47.63 1.09 -35.58	49.17 1.51 -32.24	44.69 1.25 -31.41	37.01 1.07 -24.57	33.69 1.04 -22.03	31.65 0.77 -23.26	29.50 0.61 -22.50
FARRAGUT___LBMP 323566	30.86 0.63 -23.63	29.14 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.33 -26.02	41.20 0.54 -33.19	43.20 0.74 -33.82	42.63 1.07 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.58	49.16 1.50 -32.24	44.67 1.24 -31.41	37.00 1.06 -24.57	33.69 1.04 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50
FENNER___WINDPWR 24204	9.45 0.18 -2.68	9.17 0.18 -2.49	9.96 0.20 -2.23	9.92 0.21 -2.16	5.12 0.06 -2.85	7.40 0.15 -2.57	11.32 0.32 -3.53	12.77 0.40 -3.73	14.76 0.50 -3.47	13.91 0.47 -2.80	13.89 0.46 -2.78	15.73 0.57 -2.21	13.50 0.46 -2.42	11.85 0.35 -2.47	10.37 0.29 -2.45	10.32 0.28 -2.56	13.48 0.44 -2.43	15.22 0.49 -3.77	19.55 0.71 -3.42	15.89 0.54 -3.33	14.49 0.51 -2.60	13.38 0.43 -2.33	10.35 0.27 -2.47	8.96 0.19 -2.38
FIBERTEK___ENERGY 23856	9.09 0.05 -2.45	8.82 0.04 -2.28	9.61 0.04 -2.04	9.59 0.06 -1.98	5.10 0.02 -2.86	7.32 0.07 -2.58	11.03 0.16 -3.40	12.43 0.22 -3.57	14.30 0.25 -3.25	13.56 0.23 -2.69	13.57 0.25 -2.67	15.36 0.30 -2.11	13.15 0.21 -2.31	11.56 0.16 -2.37	10.10 0.13 -2.35	10.05 0.13 -2.45	13.13 0.19 -2.32	14.82 0.23 -3.64	19.04 0.32 -3.29	15.47 0.25 -3.20	14.12 0.25 -2.50	13.06 0.20 -2.24	10.10 0.11 -2.37	8.74 0.06 -2.29
FITZPATRICK____ 23598	7.96 -0.13 -1.48	7.76 -0.12 -1.38	8.62 -0.15 -1.23	8.61 -0.14 -1.20	3.99 -0.04 -1.82	6.24 -0.07 -1.64	9.55 -0.08 -2.16	10.82 -0.09 -2.26	12.74 -0.12 -2.06	12.23 -0.12 -1.70	12.22 -0.12 -1.69	14.15 -0.14 -1.33	11.95 -0.14 -1.46	10.40 -0.13 -1.50	9.00 -0.11 -1.48	8.92 -0.10 -1.55	11.95 -0.14 -1.47	13.11 -0.15 -2.31	17.31 -0.20 -2.09	13.90 -0.16 -2.04	12.83 -0.14 -1.59	11.91 -0.14 -1.43	9.01 -0.11 -1.51	7.71 -0.13 -1.46
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.43 0.61 -24.22	29.68 0.60 -22.57	28.39 0.70 -20.15	27.83 0.72 -19.56	32.48 0.14 -30.13	32.19 0.33 -27.19	42.60 0.56 -34.57	44.61 0.75 -35.22	43.87 1.04 -32.04	38.11 0.98 -26.49	37.96 1.01 -26.30	34.99 1.19 -20.85	34.43 0.97 -22.83	33.20 0.81 -23.37	31.50 0.69 -23.18	32.34 0.67 -24.19	34.55 0.98 -22.95	49.06 1.05 -37.06	50.51 1.51 -33.58	45.94 1.20 -32.72	38.02 1.06 -25.59	34.57 1.01 -22.94	32.57 0.72 -24.23	30.40 0.57 -23.44
FORT ORANGE____ 23900	38.11 0.34 -31.17	35.90 0.34 -29.06	33.86 0.39 -25.94	33.11 0.38 -25.18	48.65 0.04 -46.39	46.62 0.08 -41.87	59.08 0.22 -51.38	61.33 0.18 -52.51	58.72 0.16 -47.76	50.29 0.15 -39.50	50.00 0.14 -39.21	44.21 0.18 -31.08	44.81 0.14 -34.04	43.98 0.12 -34.84	42.28 0.09 -34.56	43.63 0.09 -36.07	44.98 0.15 -34.22	66.16 0.14 -55.07	65.52 0.20 -49.90	60.76 0.12 -48.62	49.54 0.14 -38.03	44.83 0.12 -34.09	43.69 0.06 -36.01	41.23 0.02 -34.83
FORT_DRUM_COGEN 23780	7.68 0.16 -0.93	7.54 0.17 -0.86	8.50 0.20 -0.77	8.51 0.20 -0.75	2.29 0.08 0.00	4.88 0.21 0.00	8.01 0.54 0.00	10.29 0.61 -1.03	13.16 0.74 -1.62	12.06 0.65 -0.77	11.98 0.56 -0.77	14.38 0.82 -0.61	11.98 0.69 -0.66	10.16 0.46 -0.68	8.67 0.37 -0.67	8.53 0.35 -0.70	11.84 0.55 -0.67	12.66 0.68 -1.03	17.35 1.00 -0.93	13.77 0.60 -1.15	12.83 0.56 -0.90	11.88 0.46 -0.81	8.74 0.27 -0.85	7.41 0.20 -0.83
FPL_FAR_ROCK_GT1 24212	38.25 0.84 -30.81	37.13 0.82 -29.81	35.76 0.95 -27.28	35.75 0.96 -27.24	37.24 0.21 -34.82	37.90 0.48 -32.75	41.83 0.79 -33.58	45.26 1.02 -35.59	44.91 1.40 -32.71	42.04 1.34 -30.06	43.95 1.37 -31.92	42.46 1.66 -27.85	40.50 1.37 -28.50	39.91 1.17 -29.72	39.71 1.01 -31.08	39.74 0.99 -31.28	45.04 1.38 -33.04	57.96 1.32 -45.69	67.69 1.85 -50.43	58.30 1.50 -44.78	47.86 1.46 -35.03	41.30 1.39 -29.29	39.54 1.00 -30.92	37.24 0.80 -30.06
FPL_FAR_ROCK_GT2 23815	38.25 0.84 -30.81	37.13 0.82 -29.81	35.76 0.95 -27.28	35.75 0.96 -27.24	37.24 0.21 -34.82	37.90 0.48 -32.75	41.83 0.79 -33.58	45.26 1.02 -35.59	44.91 1.40 -32.71	42.04 1.34 -30.06	43.95 1.37 -31.92	42.46 1.66 -27.85	40.50 1.37 -28.50	39.91 1.17 -29.72	39.71 1.01 -31.08	39.74 0.99 -31.28	45.04 1.38 -33.04	57.96 1.32 -45.69	67.69 1.85 -50.43	58.30 1.50 -44.78	47.86 1.46 -35.03	41.30 1.39 -29.29	39.54 1.00 -30.92	37.24 0.80 -30.06
FRANKLIN_FALL_HYD 24054	6.13 -0.47 0.00	6.05 -0.46 0.00	7.05 -0.49 0.00	7.02 -0.53 0.00	2.12 -0.09 0.00	4.46 -0.21 0.00	7.11 -0.36 0.00	8.18 -0.47 0.00	9.25 -0.63 0.92	10.03 -0.61 0.00	10.03 -0.62 0.00	12.27 -0.69 0.00	10.10 -0.53 0.00	8.56 -0.46 0.00	7.25 -0.37 0.00	7.11 -0.37 0.00	10.11 -0.51 0.00	10.46 -0.49 0.00	14.72 -0.69 0.00	11.43 -0.59 0.00	10.84 -0.53 0.00	10.13 -0.49 0.00	7.31 -0.31 0.00	6.23 -0.16 0.00
FREEPORT_EQUS_GT1 23764	38.29 0.79 -30.90	37.18 0.77 -29.90	35.80 0.90 -27.37	35.80 0.91 -27.34	37.29 0.19 -34.89	37.95 0.44 -32.84	41.78 0.73 -33.58	45.22 0.96 -35.62	44.86 1.33 -32.73	42.02 1.27 -30.12	43.95 1.29 -32.01	42.47 1.57 -27.95	40.49 1.28 -28.58	39.93 1.10 -29.81	39.75 0.94 -31.19	39.77 0.92 -31.38	45.08 1.28 -33.18	58.07 1.30 -45.81	67.89 1.82 -50.65	58.43 1.47 -44.94	47.87 1.34 -35.16	41.30 1.30 -29.38	39.56 0.93 -31.01	37.28 0.75 -30.15
FREEPORT___CT2 23818	38.29 0.79 -30.90	37.18 0.77 -29.90	35.80 0.90 -27.37	35.80 0.91 -27.34	37.29 0.19 -34.89	37.95 0.44 -32.84	41.78 0.73 -33.58	45.22 0.96 -35.62	44.86 1.33 -32.73	42.02 1.27 -30.12	43.95 1.29 -32.01	42.47 1.57 -27.95	40.49 1.28 -28.58	39.93 1.10 -29.81	39.75 0.94 -31.19	39.77 0.92 -31.38	45.08 1.28 -33.18	58.07 1.30 -45.81	67.89 1.82 -50.65	58.43 1.47 -44.94	47.87 1.34 -35.16	41.30 1.30 -29.38	39.56 0.93 -31.01	37.28 0.75 -30.15
FULTON COGEN____ 23766	8.49 -0.01 -1.91	8.27 -0.01 -1.78	9.10 -0.02 -1.59	9.09 -0.01 -1.54	4.46 0.00 -2.24	6.72 0.02 -2.02	10.22 0.11 -2.65	11.57 0.15 -2.77	13.57 0.16 -2.61	12.86 0.13 -2.09	12.85 0.13 -2.07	14.76 0.17 -1.64	12.53 0.11 -1.79	10.94 0.08 -1.84	9.51 0.06 -1.82	9.43 0.06 -1.90	12.52 0.10 -1.80	13.90 0.12 -2.83	18.15 0.17 -2.56	14.67 0.12 -2.53	13.49 0.14 -1.98	12.49 0.10 -1.77	9.54 0.05 -1.87	8.20 0.01 -1.81

FULTON___LFGE 323630	45.25 0.94 -37.72	42.57 0.91 -35.15	40.01 1.09 -31.38	39.13 1.11 -30.47	61.88 0.28 -59.39	58.79 0.52 -53.59	74.70 1.00 -66.23	77.55 1.08 -67.82	73.72 1.23 -61.70	62.86 1.20 -51.02	62.38 1.09 -50.64	54.39 1.30 -40.14	55.63 1.03 -43.97	54.86 0.84 -45.00	52.95 0.69 -44.64	54.74 0.68 -46.59	55.90 1.08 -44.20	83.22 1.28 -70.99	81.73 1.99 -64.33	76.15 1.45 -62.68	61.96 1.57 -49.02	55.91 1.35 -43.95	54.93 0.90 -46.41	51.91 0.63 -44.90
G.F.CEMENT___DRP 24184	40.95 0.69 -33.66	38.55 0.68 -31.37	36.33 0.78 -28.01	35.53 0.79 -27.19	54.46 0.17 -52.08	51.98 0.31 -47.00	64.85 0.66 -56.71	67.38 0.76 -57.98	64.54 1.00 -52.74	55.30 1.04 -43.61	54.92 0.98 -43.29	48.43 1.17 -34.31	49.14 0.92 -37.58	48.24 0.75 -38.47	46.37 0.59 -38.16	47.89 0.60 -39.82	49.23 0.83 -37.78	72.58 0.85 -60.78	71.69 1.20 -55.07	66.52 0.84 -53.66	54.31 0.97 -41.97	49.06 0.82 -37.62	47.94 0.59 -39.74	45.22 0.40 -38.44
GARDENVILLE___LBMP 24039	10.68 0.01 -4.08	10.29 -0.01 -3.80	10.91 -0.02 -3.39	10.86 0.02 -3.29	7.02 0.05 -4.76	9.12 0.15 -4.30	13.38 0.37 -5.55	14.87 0.41 -5.82	16.52 0.43 -5.29	15.49 0.47 -4.38	15.47 0.47 -4.34	16.84 0.49 -3.39	14.74 0.39 -3.72	13.19 0.31 -3.86	11.64 0.24 -3.77	11.66 0.25 -3.94	14.70 0.34 -3.74	16.95 0.14 -5.86	20.96 0.23 -5.31	17.33 0.14 -5.16	15.67 0.26 -4.04	14.57 0.33 -3.62	11.63 0.19 -3.82	10.11 0.03 -3.70
GENERAL___MILLS 23808	10.68 0.01 -4.07	10.28 -0.01 -3.79	10.91 -0.02 -3.39	10.85 0.02 -3.29	7.01 0.05 -4.76	9.11 0.15 -4.29	13.37 0.37 -5.54	14.86 0.41 -5.81	16.52 0.43 -5.29	15.48 0.47 -4.37	15.46 0.47 -4.34	16.83 0.49 -3.39	14.74 0.39 -3.71	13.17 0.30 -3.86	11.64 0.24 -3.77	11.65 0.25 -3.93	14.69 0.34 -3.73	16.94 0.14 -5.85	20.95 0.23 -5.30	17.32 0.14 -5.16	15.66 0.25 -4.03	14.56 0.33 -3.62	11.62 0.18 -3.82	10.10 0.03 -3.69
GE_PLASTICS___DRP 24183	37.77 0.35 -30.82	35.58 0.34 -28.73	33.58 0.40 -25.65	32.85 0.40 -24.90	47.94 0.07 -45.66	46.01 0.13 -41.21	58.62 0.29 -50.87	60.90 0.28 -51.98	58.37 0.29 -47.28	50.03 0.29 -39.10	49.73 0.27 -38.81	44.05 0.34 -30.76	44.59 0.27 -33.69	43.72 0.22 -34.49	42.01 0.18 -34.21	43.36 0.18 -35.70	44.76 0.27 -33.87	65.73 0.26 -54.52	65.19 0.37 -49.40	60.42 0.26 -48.13	49.29 0.27 -37.65	44.61 0.24 -33.75	43.42 0.16 -35.65	40.97 0.10 -34.48
GILBOA___1 23756	30.42 0.30 -23.52	28.73 0.30 -21.92	27.45 0.35 -19.57	26.91 0.36 -19.00	32.28 0.07 -30.00	31.90 0.15 -27.07	42.58 0.28 -34.83	44.57 0.34 -35.59	43.63 0.46 -32.37	37.88 0.47 -26.77	37.71 0.48 -26.57	34.60 0.58 -21.07	34.18 0.48 -23.07	33.03 0.40 -23.61	31.40 0.34 -23.43	32.26 0.34 -24.45	34.28 0.47 -23.19	48.74 0.45 -37.34	49.89 0.63 -33.84	45.49 0.50 -32.97	37.65 0.49 -25.78	34.20 0.47 -23.12	32.37 0.33 -24.41	30.26 0.26 -23.62
GILBOA___2 23757	30.42 0.30 -23.52	28.73 0.30 -21.92	27.45 0.35 -19.57	26.91 0.36 -19.00	32.28 0.07 -30.00	31.90 0.15 -27.07	42.58 0.28 -34.83	44.57 0.34 -35.59	43.63 0.46 -32.37	37.88 0.47 -26.77	37.71 0.48 -26.57	34.60 0.58 -21.07	34.18 0.48 -23.07	33.03 0.40 -23.61	31.40 0.34 -23.43	32.26 0.34 -24.45	34.28 0.47 -23.19	48.74 0.45 -37.34	49.89 0.63 -33.84	45.49 0.50 -32.97	37.65 0.49 -25.78	34.20 0.47 -23.12	32.37 0.33 -24.41	30.26 0.26 -23.62
GILBOA___3 23758	30.42 0.30 -23.52	28.73 0.30 -21.92	27.45 0.35 -19.57	26.91 0.36 -19.00	32.28 0.07 -30.00	31.90 0.15 -27.07	42.58 0.28 -34.83	44.57 0.34 -35.59	43.63 0.46 -32.37	37.88 0.47 -26.77	37.71 0.48 -26.57	34.60 0.58 -21.07	34.18 0.48 -23.07	33.03 0.40 -23.61	31.40 0.34 -23.43	32.26 0.34 -24.45	34.28 0.47 -23.19	48.74 0.45 -37.34	49.89 0.63 -33.84	45.49 0.50 -32.97	37.65 0.49 -25.78	34.20 0.47 -23.12	32.37 0.33 -24.41	30.26 0.26 -23.62
GILBOA___4 23759	30.42 0.30 -23.52	28.73 0.30 -21.92	27.45 0.35 -19.57	26.91 0.36 -19.00	32.28 0.07 -30.00	31.90 0.15 -27.07	42.58 0.28 -34.83	44.57 0.34 -35.59	43.63 0.46 -32.37	37.88 0.47 -26.77	37.71 0.48 -26.57	34.60 0.58 -21.07	34.18 0.48 -23.07	33.03 0.40 -23.61	31.40 0.34 -23.43	32.26 0.34 -24.45	34.28 0.47 -23.19	48.74 0.45 -37.34	49.89 0.63 -33.84	45.49 0.50 -32.97	37.65 0.49 -25.78	34.20 0.47 -23.12	32.37 0.33 -24.41	30.26 0.26 -23.62
GILBOA___ 23599	30.42 0.30 -23.52	28.73 0.30 -21.92	27.45 0.35 -19.57	26.91 0.36 -19.00	32.28 0.07 -30.00	31.90 0.15 -27.07	42.58 0.28 -34.83	44.57 0.34 -35.59	43.63 0.46 -32.37	37.88 0.47 -26.77	37.71 0.48 -26.57	34.60 0.58 -21.07	34.18 0.48 -23.07	33.03 0.40 -23.61	31.40 0.34 -23.43	32.26 0.34 -24.45	34.28 0.47 -23.19	48.74 0.45 -37.34	49.89 0.63 -33.84	45.49 0.50 -32.97	37.65 0.49 -25.78	34.20 0.47 -23.12	32.37 0.33 -24.41	30.26 0.26 -23.62
GINNA___ 23603	9.20 -0.28 -2.88	8.90 -0.29 -2.68	9.59 -0.34 -2.39	9.57 -0.31 -2.32	5.54 -0.07 -3.40	7.62 -0.12 -3.06	11.36 -0.09 -3.98	12.72 -0.10 -4.18	14.42 -0.18 -3.80	13.61 -0.17 -3.14	13.60 -0.17 -3.12	15.17 -0.23 -2.45	13.10 -0.21 -2.69	11.60 -0.20 -2.77	10.19 -0.17 -2.73	10.14 -0.18 -2.85	13.10 -0.22 -2.70	14.91 -0.27 -4.23	18.90 -0.35 -3.83	15.47 -0.28 -3.73	14.04 -0.25 -2.91	12.99 -0.24 -2.61	10.17 -0.21 -2.76	8.80 -0.26 -2.67
GLEN PARK___ 23778	7.76 0.18 -0.99	7.61 0.19 -0.92	8.58 0.23 -0.82	8.58 0.23 -0.80	3.17 0.09 -0.87	5.68 0.23 -0.78	9.06 0.59 -1.01	10.41 0.67 -1.10	13.27 0.82 -1.66	12.18 0.71 -0.83	12.09 0.62 -0.82	14.50 0.89 -0.65	12.10 0.75 -0.71	10.26 0.50 -0.73	8.76 0.41 -0.72	8.62 0.39 -0.75	11.95 0.62 -0.72	12.82 0.77 -1.11	17.53 1.11 -1.00	13.93 0.67 -1.23	12.96 0.63 -0.97	12.01 0.52 -0.87	8.84 0.31 -0.91	7.49 0.22 -0.88
GLENWOOD_IC_1_G5 23712	38.14 0.71 -30.83	37.04 0.70 -29.83	35.65 0.81 -27.30	35.64 0.82 -27.27	37.21 0.17 -34.83	37.83 0.39 -32.77	41.69 0.65 -33.58	45.07 0.83 -35.60	44.68 1.17 -32.71	41.82 1.11 -30.07	43.74 1.14 -31.94	42.21 1.39 -27.87	40.33 1.18 -28.52	39.78 1.02 -29.74	39.60 0.87 -31.10	39.63 0.85 -31.30	44.84 1.15 -33.08	57.86 1.19 -45.72	67.55 1.65 -50.48	58.17 1.33 -44.82	47.60 1.16 -35.06	41.06 1.13 -29.31	39.41 0.85 -30.94	37.14 0.68 -30.08
GLENWOOD_IC_2_G1 23688	37.03 0.67 -29.76	35.83 0.65 -28.67	34.46 0.75 -26.17	34.38 0.77 -26.05	36.31 0.15 -33.95	36.80 0.35 -31.77	41.59 0.60 -33.52	44.77 0.79 -35.34	44.33 1.11 -32.42	41.08 1.05 -29.39	42.69 1.09 -30.95	40.98 1.32 -26.71	39.27 1.10 -27.54	38.62 0.94 -28.66	38.23 0.81 -29.79	38.37 0.78 -30.11	43.14 1.08 -31.44	56.30 1.13 -44.22	64.77 1.57 -47.78	56.13 1.27 -42.83	45.99 1.12 -33.51	39.94 1.08 -28.23	38.22 0.79 -29.81	35.98 0.63 -28.96
GLENWOOD_IC_3_G1 23689	37.03 0.67 -29.76	35.83 0.65 -28.67	34.46 0.75 -26.17	34.38 0.77 -26.05	36.31 0.15 -33.95	36.80 0.35 -31.77	41.59 0.60 -33.52	44.77 0.79 -35.34	44.33 1.11 -32.42	41.08 1.05 -29.39	42.69 1.09 -30.95	40.98 1.32 -26.71	39.27 1.10 -27.54	38.62 0.94 -28.66	38.23 0.81 -29.79	38.37 0.78 -30.11	43.14 1.08 -31.44	56.30 1.13 -44.22	64.77 1.57 -47.78	56.13 1.27 -42.83	45.99 1.12 -33.51	39.94 1.08 -28.23	38.22 0.79 -29.81	35.98 0.63 -28.96

GLENWOOD___4 23550	38.14 0.71 -30.83	37.04 0.70 -29.83	35.65 0.81 -27.30	35.64 0.82 -27.27	37.21 0.17 -34.83	37.83 0.39 -32.77	41.69 0.65 -33.58	45.08 0.84 -35.60	44.69 1.18 -32.71	41.83 1.12 -30.07	43.75 1.15 -31.94	42.23 1.40 -27.87	40.33 1.18 -28.52	39.78 1.02 -29.74	39.60 0.87 -31.10	39.63 0.85 -31.30	44.85 1.16 -33.08	57.87 1.20 -45.72	67.58 1.68 -50.48	58.20 1.36 -44.82	47.62 1.18 -35.06	41.07 1.14 -29.31	39.41 0.85 -30.94	37.14 0.68 -30.08
GLENWOOD___5 23614	38.14 0.71 -30.83	37.04 0.70 -29.83	35.65 0.81 -27.30	35.64 0.82 -27.27	37.21 0.17 -34.83	37.83 0.39 -32.77	41.69 0.65 -33.58	45.08 0.84 -35.60	44.69 1.18 -32.71	41.83 1.12 -30.07	43.75 1.15 -31.94	42.23 1.40 -27.87	40.33 1.18 -28.52	39.78 1.02 -29.74	39.60 0.87 -31.10	39.63 0.85 -31.30	44.85 1.16 -33.08	57.87 1.20 -45.72	67.58 1.68 -50.48	58.20 1.36 -44.82	47.62 1.18 -35.06	41.07 1.14 -29.31	39.41 0.85 -30.94	37.14 0.68 -30.08
GLOBAL GREEN_PORT_GT1 23814	38.62 1.06 -30.96	37.52 1.04 -29.98	36.19 1.21 -27.44	36.20 1.23 -27.42	37.45 0.29 -34.95	38.27 0.70 -32.90	42.32 1.27 -33.58	46.00 1.72 -35.63	45.87 2.32 -32.75	43.09 2.29 -30.16	44.98 2.26 -32.07	43.71 2.73 -28.02	41.43 2.16 -28.65	40.61 1.71 -29.88	40.31 1.41 -31.27	40.30 1.37 -31.46	45.91 2.01 -33.29	59.04 2.18 -45.91	69.28 3.04 -50.83	59.52 2.43 -45.07	48.77 2.14 -35.26	42.09 2.02 -29.45	40.12 1.42 -31.09	37.67 1.06 -30.23
GLOBE___DSASP 323697	10.10 -0.26 -3.76	9.73 -0.28 -3.51	10.34 -0.32 -3.13	10.30 -0.29 -3.04	6.58 -0.04 -4.41	8.60 -0.05 -3.98	12.62 0.01 -5.14	14.00 -0.04 -5.39	15.56 -0.14 -4.91	14.59 -0.11 -4.06	14.57 -0.11 -4.03	15.91 -0.19 -3.15	13.93 -0.15 -3.45	12.45 -0.15 -3.58	11.00 -0.13 -3.50	11.00 -0.13 -3.65	13.88 -0.20 -3.46	15.97 -0.42 -5.43	19.79 -0.55 -4.92	16.35 -0.46 -4.79	14.79 -0.33 -3.74	13.79 -0.19 -3.36	11.00 -0.17 -3.55	9.55 -0.27 -3.43
GOETHSLN___LBMP 323567	30.84 0.61 -23.63	29.12 0.60 -22.02	27.89 0.69 -19.66	27.34 0.70 -19.09	31.16 0.12 -28.83	31.00 0.31 -26.02	41.17 0.51 -33.19	43.17 0.71 -33.82	42.59 1.04 -30.76	37.05 0.97 -25.44	36.91 1.01 -25.25	34.20 1.23 -20.02	33.59 1.03 -21.92	32.37 0.91 -22.44	30.67 0.78 -22.26	31.47 0.76 -23.23	33.68 1.02 -22.04	47.57 1.04 -35.58	49.08 1.42 -32.24	44.63 1.19 -31.41	36.97 1.02 -24.57	33.66 1.01 -22.03	31.63 0.75 -23.26	29.48 0.59 -22.50
GOODYEAR_LAKE_HYD 323669	14.57 0.28 -7.69	13.95 0.28 -7.17	14.26 0.32 -6.40	14.09 0.33 -6.21	8.49 0.08 -6.20	10.45 0.18 -5.60	13.43 0.37 -5.59	15.25 0.47 -6.14	16.99 0.60 -5.59	15.86 0.60 -4.62	15.81 0.57 -4.59	17.32 0.71 -3.65	15.21 0.58 -4.00	13.56 0.47 -4.07	12.08 0.40 -4.06	12.08 0.37 -4.24	15.19 0.55 -4.02	17.54 0.58 -6.01	21.71 0.85 -5.45	17.97 0.65 -5.31	16.16 0.64 -4.15	14.90 0.56 -3.72	11.92 0.37 -3.93	10.45 0.27 -3.80
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.51 0.14 -7.78	13.88 0.13 -7.25	14.16 0.15 -6.47	14.01 0.17 -6.28	11.20 0.05 -8.94	12.87 0.13 -8.07	18.05 0.28 -10.31	19.85 0.32 -10.89	21.10 0.40 -9.91	19.21 0.38 -8.19	19.18 0.39 -8.13	19.93 0.45 -6.52	18.12 0.35 -7.14	16.54 0.29 -7.23	15.12 0.24 -7.25	15.28 0.24 -7.57	18.15 0.35 -7.18	22.46 0.33 -11.18	26.02 0.48 -10.13	22.27 0.38 -9.86	19.48 0.40 -7.71	17.91 0.37 -6.91	15.17 0.24 -7.30	13.60 0.15 -7.06
GOUDEY___7 23579	14.51 0.14 -7.78	13.89 0.14 -7.25	14.16 0.15 -6.47	14.01 0.17 -6.28	11.20 0.05 -8.94	12.88 0.14 -8.07	18.06 0.28 -10.31	19.87 0.34 -10.89	21.11 0.41 -9.91	19.23 0.39 -8.19	19.19 0.40 -8.13	19.94 0.47 -6.52	18.13 0.36 -7.14	16.54 0.30 -7.23	15.13 0.25 -7.25	15.29 0.25 -7.57	18.16 0.36 -7.18	22.48 0.35 -11.18	26.05 0.51 -10.13	22.28 0.40 -9.86	19.50 0.41 -7.71	17.92 0.38 -6.91	15.17 0.24 -7.30	13.61 0.16 -7.06
GOUDEY___8 23580	14.51 0.14 -7.78	13.88 0.13 -7.25	14.16 0.15 -6.47	14.01 0.17 -6.28	11.20 0.05 -8.94	12.87 0.13 -8.07	18.05 0.28 -10.31	19.85 0.32 -10.89	21.10 0.40 -9.91	19.21 0.38 -8.19	19.18 0.39 -8.13	19.93 0.45 -6.52	18.12 0.35 -7.14	16.54 0.29 -7.23	15.12 0.24 -7.25	15.28 0.24 -7.57	18.15 0.35 -7.18	22.46 0.33 -11.18	26.02 0.48 -10.13	22.27 0.38 -9.86	19.48 0.40 -7.71	17.91 0.37 -6.91	15.17 0.24 -7.30	13.60 0.15 -7.06
GOWANUS_GT1_1 24077	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT1_2 24078	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT1_3 24079	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT1_4 24080	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT1_5 24084	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT1_6 24111	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51

GOWANUS_GT1_7 24112	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT1_8 24113	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT2_1 24114	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT2_2 24115	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT2_3 24116	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT2_4 24117	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT2_5 24118	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT2_6 24119	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT2_7 24120	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT2_8 24121	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT3_1 24122	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT3_2 24123	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT3_3 24124	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT3_4 24125	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT3_5 24126	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51



GOWANUS_GT3_6 24127	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT3_7 24128	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT3_8 24129	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT4_1 24130	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT4_2 24131	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT4_3 24132	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT4_4 24133	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT4_5 24134	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT4_6 24135	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT4_7 24136	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GOWANUS_GT4_8 24137	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GREENIDGE___3 23582	11.45 0.07 -4.78	11.03 0.07 -4.46	11.58 0.07 -3.98	11.51 0.10 -3.86	7.82 0.06 -5.55	9.83 0.15 -5.01	14.29 0.37 -6.45	15.86 0.42 -6.80	17.45 0.47 -6.18	16.23 0.48 -5.11	16.22 0.49 -5.07	17.50 0.54 -4.00	15.42 0.41 -4.38	13.86 0.32 -4.51	12.35 0.27 -4.45	12.38 0.26 -4.64	15.44 0.41 -4.40	18.23 0.41 -6.88	22.25 0.60 -6.23	18.55 0.47 -6.06	16.60 0.49 -4.74	15.29 0.43 -4.25	12.35 0.24 -4.49	10.85 0.13 -4.34
GREENIDGE___4 23583	11.45 0.07 -4.78	11.03 0.07 -4.46	11.58 0.07 -3.98	11.51 0.10 -3.86	7.82 0.06 -5.55	9.83 0.15 -5.01	14.29 0.37 -6.45	15.86 0.42 -6.80	17.45 0.47 -6.18	16.23 0.48 -5.11	16.22 0.49 -5.07	17.50 0.54 -4.00	15.42 0.41 -4.38	13.86 0.32 -4.51	12.35 0.27 -4.45	12.38 0.26 -4.64	15.44 0.41 -4.40	18.23 0.41 -6.88	22.25 0.60 -6.23	18.55 0.47 -6.06	16.60 0.49 -4.74	15.29 0.43 -4.25	12.35 0.24 -4.49	10.85 0.13 -4.34
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
GROVEVILLE___HYD 323602	31.43 0.61 -24.22	29.68 0.60 -22.57	28.39 0.70 -20.15	27.83 0.72 -19.56	32.48 0.14 -30.13	32.19 0.33 -27.19	42.60 0.56 -34.57	44.61 0.75 -35.22	43.87 1.04 -32.04	38.11 0.98 -26.49	37.96 1.01 -26.30	34.99 1.19 -20.85	34.43 0.97 -22.83	33.20 0.81 -23.37	31.50 0.69 -23.18	32.34 0.67 -24.19	34.55 0.98 -22.95	49.06 1.05 -37.06	50.51 1.51 -33.58	45.94 1.20 -32.72	38.02 1.06 -25.59	34.57 1.01 -22.94	32.57 0.72 -24.23	30.40 0.57 -23.44

HAMPSHIRE___PAPER_HYD 323593	6.45 -0.15 0.00	6.37 -0.13 0.00	7.40 -0.14 0.00	7.40 -0.15 0.00	2.21 0.00 0.00	4.69 0.01 0.00	7.54 0.07 0.00	8.66 0.02 0.00	12.34 0.00 -1.54	10.60 -0.04 0.00	10.56 -0.10 0.00	13.02 0.07 0.00	10.71 0.07 0.00	8.99 -0.04 0.00	7.60 -0.02 0.00	7.44 -0.03 0.00	10.52 -0.10 0.00	10.86 -0.09 0.00	15.33 -0.09 0.00	11.86 -0.16 0.00	11.21 -0.16 0.00	10.51 -0.11 0.00	7.57 -0.05 0.00	6.37 -0.01 0.00
HARDSCRABBLE_WT_PWR 323673	6.41 0.38 0.57	6.35 0.38 0.53	7.49 0.43 0.47	7.52 0.43 0.46	0.79 0.11 1.54	3.53 0.25 1.39	6.81 0.43 1.09	8.02 0.53 1.16	10.41 0.67 1.05	10.44 0.67 0.87	10.42 0.63 0.86	13.05 0.78 0.68	10.53 0.65 0.75	8.79 0.53 0.77	7.31 0.44 0.76	7.12 0.44 0.79	10.51 0.65 0.75	10.40 0.67 1.22	15.24 0.92 1.11	11.66 0.71 1.07	11.23 0.69 0.84	10.49 0.63 0.75	7.26 0.43 0.79	5.95 0.34 0.77
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.45 0.54 -22.31	27.83 0.53 -20.80	26.71 0.61 -18.57	26.20 0.63 -18.02	29.07 0.12 -26.74	29.08 0.28 -24.13	38.74 0.48 -30.79	40.63 0.65 -31.34	40.22 0.92 -28.51	35.08 0.86 -23.58	34.95 0.89 -23.40	32.58 1.07 -18.55	31.83 0.88 -20.32	30.57 0.75 -20.80	28.90 0.64 -20.63	29.63 0.62 -21.53	31.94 0.89 -20.43	44.90 0.94 -33.01	46.67 1.34 -29.91	42.23 1.07 -29.14	35.11 0.94 -22.79	31.96 0.90 -20.43	29.86 0.66 -21.58	27.77 0.51 -20.88
HARZA MOOSE___RIVER 24016	6.77 0.17 0.00	6.68 0.18 0.00	7.74 0.20 0.00	7.76 0.21 0.00	2.28 0.07 0.00	4.84 0.17 0.00	7.85 0.39 0.00	9.09 0.45 0.00	11.80 0.56 -0.44	11.14 0.50 0.00	11.10 0.45 0.00	13.58 0.62 0.00	11.15 0.52 0.00	9.39 0.37 0.00	7.93 0.31 0.00	7.76 0.28 0.00	11.07 0.45 0.00	11.48 0.53 0.00	16.19 0.77 0.00	12.55 0.53 0.00	11.86 0.49 0.00	11.03 0.41 0.00	7.87 0.25 0.00	6.58 0.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.89 0.67 -23.63	29.18 0.65 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.19 0.73 -33.82	42.62 1.06 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.63 1.09 -35.59	49.16 1.50 -32.25	44.69 1.25 -31.42	37.01 1.07 -24.57	33.71 1.06 -22.03	31.68 0.80 -23.27	29.53 0.64 -22.51
HEMPSTEAD___ 23647	38.19 0.73 -30.87	37.09 0.72 -29.87	35.71 0.83 -27.34	35.70 0.84 -27.31	37.25 0.17 -34.87	37.88 0.40 -32.81	41.71 0.66 -33.58	45.13 0.87 -35.61	44.74 1.22 -32.72	41.90 1.16 -30.10	43.82 1.18 -31.98	42.31 1.44 -27.92	40.38 1.19 -28.56	39.82 1.02 -29.78	39.66 0.88 -31.15	39.67 0.85 -31.35	44.94 1.18 -33.14	57.95 1.23 -45.78	67.71 1.71 -50.58	58.29 1.38 -44.89	47.71 1.22 -35.12	41.15 1.18 -29.35	39.46 0.85 -30.99	37.19 0.68 -30.12
HICKLING___1 23621	12.86 0.14 -6.12	12.34 0.14 -5.70	12.78 0.15 -5.09	12.68 0.19 -4.94	9.37 0.08 -7.08	11.26 0.20 -6.39	16.11 0.44 -8.20	17.77 0.51 -8.62	19.24 0.60 -7.84	17.75 0.63 -6.48	17.73 0.64 -6.43	18.74 0.71 -5.07	16.73 0.54 -5.56	15.17 0.43 -5.72	13.63 0.37 -5.64	13.72 0.36 -5.89	16.73 0.53 -5.58	20.15 0.46 -8.74	24.00 0.66 -7.92	20.24 0.52 -7.71	17.98 0.58 -6.03	16.56 0.54 -5.40	13.66 0.33 -5.71	12.10 0.20 -5.52
HICKLING___2 23622	12.86 0.14 -6.12	12.34 0.14 -5.70	12.78 0.15 -5.09	12.68 0.19 -4.94	9.37 0.08 -7.08	11.26 0.20 -6.39	16.11 0.44 -8.20	17.77 0.51 -8.62	19.24 0.60 -7.84	17.75 0.63 -6.48	17.73 0.64 -6.43	18.74 0.71 -5.07	16.73 0.54 -5.56	15.17 0.43 -5.72	13.63 0.37 -5.64	13.72 0.36 -5.89	16.73 0.53 -5.58	20.15 0.46 -8.74	24.00 0.66 -7.92	20.24 0.52 -7.71	17.98 0.58 -6.03	16.56 0.54 -5.40	13.66 0.33 -5.71	12.10 0.20 -5.52
HIGH FALLS___HY 23754	30.81 0.53 -23.68	29.09 0.51 -22.07	27.83 0.60 -19.70	27.29 0.61 -19.13	31.76 0.12 -29.44	31.52 0.28 -26.56	41.67 0.48 -33.73	43.45 0.67 -34.14	42.78 0.93 -31.05	37.18 0.86 -25.68	37.02 0.88 -25.49	34.22 1.06 -20.21	33.64 0.88 -22.13	32.41 0.74 -22.65	30.73 0.63 -22.47	31.55 0.62 -23.45	33.78 0.91 -22.25	48.06 0.95 -36.16	49.58 1.40 -32.76	45.05 1.11 -31.92	37.31 0.97 -24.97	33.94 0.93 -22.38	31.92 0.66 -23.64	29.77 0.52 -22.87
HILLBURN___GT 23639	29.75 0.54 -22.61	28.11 0.53 -21.08	26.96 0.61 -18.81	26.45 0.63 -18.27	29.54 0.12 -27.22	29.51 0.28 -24.56	39.28 0.47 -31.34	41.18 0.63 -31.91	40.74 0.92 -29.02	35.50 0.86 -24.00	35.37 0.89 -23.82	32.91 1.07 -18.89	32.20 0.88 -20.69	30.95 0.76 -21.17	29.29 0.66 -21.00	30.03 0.63 -21.92	32.31 0.89 -20.79	45.47 0.92 -33.60	47.16 1.30 -30.44	42.73 1.05 -29.66	35.49 0.92 -23.20	32.32 0.90 -20.80	30.24 0.66 -21.97	28.15 0.52 -21.25
HISHELDN_WT_PWR 323625	10.96 -0.02 -4.38	10.54 -0.04 -4.08	11.14 -0.04 -3.64	11.08 -0.01 -3.53	7.35 0.04 -5.10	9.41 0.13 -4.61	13.73 0.32 -5.94	15.24 0.36 -6.23	16.85 0.39 -5.67	15.74 0.41 -4.69	15.73 0.43 -4.65	17.05 0.45 -3.64	14.98 0.36 -3.99	13.43 0.27 -4.13	11.90 0.22 -4.05	11.92 0.22 -4.23	14.94 0.31 -4.01	17.38 0.14 -6.29	21.34 0.23 -5.70	17.71 0.14 -5.54	15.95 0.24 -4.33	14.79 0.29 -3.88	11.87 0.15 -4.10	10.36 0.01 -3.97
HOLTSVILLE_IC_1 23690	38.35 0.78 -30.97	37.26 0.77 -29.98	35.89 0.90 -27.44	35.89 0.91 -27.42	37.35 0.20 -34.95	38.04 0.47 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.23 1.43 -30.16	44.15 1.43 -32.07	42.71 1.74 -28.02	40.66 1.38 -28.65	40.04 1.14 -29.88	39.87 0.97 -31.27	39.86 0.93 -31.46	45.24 1.34 -33.29	58.28 1.42 -45.91	68.25 2.00 -50.83	58.73 1.63 -45.07	48.08 1.44 -35.26	41.48 1.41 -29.45	39.73 1.02 -31.09	37.39 0.79 -30.23
HOLTSVILLE_IC_10 23699	38.38 0.82 -30.96	37.29 0.81 -29.98	35.92 0.94 -27.44	35.93 0.96 -27.42	37.37 0.21 -34.95	38.08 0.50 -32.90	41.94 0.89 -33.58	45.43 1.15 -35.63	45.11 1.57 -32.75	42.32 1.52 -30.16	44.24 1.52 -32.07	42.83 1.85 -28.02	40.75 1.48 -28.64	40.11 1.21 -29.88	39.93 1.03 -31.27	39.92 0.99 -31.45	45.33 1.42 -33.28	58.38 1.52 -45.91	68.38 2.14 -50.82	58.84 1.75 -45.07	48.19 1.56 -35.26	41.58 1.51 -29.45	39.79 1.08 -31.09	37.44 0.83 -30.22
HOLTSVILLE_IC_2 23691	38.35 0.78 -30.97	37.26 0.77 -29.98	35.89 0.90 -27.44	35.89 0.91 -27.42	37.35 0.20 -34.95	38.04 0.47 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.23 1.43 -30.16	44.15 1.43 -32.07	42.71 1.74 -28.02	40.66 1.38 -28.65	40.04 1.14 -29.88	39.87 0.97 -31.27	39.86 0.93 -31.46	45.24 1.34 -33.29	58.28 1.42 -45.91	68.25 2.00 -50.83	58.73 1.63 -45.07	48.08 1.44 -35.26	41.48 1.41 -29.45	39.73 1.02 -31.09	37.39 0.79 -30.23
HOLTSVILLE_IC_3 23692	38.35 0.78 -30.97	37.26 0.77 -29.98	35.89 0.90 -27.44	35.89 0.91 -27.42	37.35 0.20 -34.95	38.04 0.47 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.23 1.43 -30.16	44.15 1.43 -32.07	42.71 1.74 -28.02	40.66 1.38 -28.65	40.04 1.14 -29.88	39.87 0.97 -31.27	39.86 0.93 -31.46	45.24 1.34 -33.29	58.28 1.42 -45.91	68.25 2.00 -50.83	58.73 1.63 -45.07	48.08 1.44 -35.26	41.48 1.41 -29.45	39.73 1.02 -31.09	37.39 0.79 -30.23

HOLTSVILLE_IC_4 23693	38.35 0.78 -30.97	37.26 0.77 -29.98	35.89 0.90 -27.44	35.89 0.91 -27.42	37.35 0.20 -34.95	38.04 0.47 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.23 1.43 -30.16	44.15 1.43 -32.07	42.71 1.74 -28.02	40.66 1.38 -28.65	40.04 1.14 -29.88	39.87 0.97 -31.27	39.86 0.93 -31.46	45.24 1.34 -33.29	58.28 1.42 -45.91	68.25 2.00 -50.83	58.73 1.63 -45.07	48.08 1.44 -35.26	41.48 1.41 -29.45	39.73 1.02 -31.09	37.39 0.79 -30.23
HOLTSVILLE_IC_5 23694	38.35 0.78 -30.97	37.26 0.77 -29.98	35.89 0.90 -27.44	35.89 0.91 -27.42	37.35 0.20 -34.95	38.04 0.47 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.23 1.43 -30.16	44.15 1.43 -32.07	42.71 1.74 -28.02	40.66 1.38 -28.65	40.04 1.14 -29.88	39.87 0.97 -31.27	39.86 0.93 -31.46	45.24 1.34 -33.29	58.28 1.42 -45.91	68.25 2.00 -50.83	58.73 1.63 -45.07	48.08 1.44 -35.26	41.48 1.41 -29.45	39.73 1.02 -31.09	37.39 0.79 -30.23
HOLTSVILLE_IC_6 23695	38.38 0.82 -30.96	37.29 0.81 -29.98	35.92 0.94 -27.44	35.93 0.96 -27.42	37.37 0.21 -34.95	38.08 0.50 -32.90	41.94 0.89 -33.58	45.43 1.15 -35.63	45.11 1.57 -32.75	42.32 1.52 -30.16	44.24 1.52 -32.07	42.83 1.85 -28.02	40.75 1.48 -28.64	40.11 1.21 -29.88	39.93 1.03 -31.27	39.92 0.99 -31.45	45.33 1.42 -33.28	58.38 1.52 -45.91	68.38 2.14 -50.82	58.84 1.75 -45.07	48.19 1.56 -35.26	41.58 1.51 -29.45	39.79 1.08 -31.09	37.44 0.83 -30.22
HOLTSVILLE_IC_7 23696	38.38 0.82 -30.96	37.29 0.81 -29.98	35.92 0.94 -27.44	35.93 0.96 -27.42	37.37 0.21 -34.95	38.08 0.50 -32.90	41.94 0.89 -33.58	45.43 1.15 -35.63	45.11 1.57 -32.75	42.32 1.52 -30.16	44.24 1.52 -32.07	42.83 1.85 -28.02	40.75 1.48 -28.64	40.11 1.21 -29.88	39.93 1.03 -31.27	39.92 0.99 -31.45	45.33 1.42 -33.28	58.38 1.52 -45.91	68.38 2.14 -50.82	58.84 1.75 -45.07	48.19 1.56 -35.26	41.58 1.51 -29.45	39.79 1.08 -31.09	37.44 0.83 -30.22
HOLTSVILLE_IC_8 23697	38.38 0.82 -30.96	37.29 0.81 -29.98	35.92 0.94 -27.44	35.93 0.96 -27.42	37.37 0.21 -34.95	38.08 0.50 -32.90	41.94 0.89 -33.58	45.43 1.15 -35.63	45.11 1.57 -32.75	42.32 1.52 -30.16	44.24 1.52 -32.07	42.83 1.85 -28.02	40.75 1.48 -28.64	40.11 1.21 -29.88	39.93 1.03 -31.27	39.92 0.99 -31.45	45.33 1.42 -33.28	58.38 1.52 -45.91	68.38 2.14 -50.82	58.84 1.75 -45.07	48.19 1.56 -35.26	41.58 1.51 -29.45	39.79 1.08 -31.09	37.44 0.83 -30.22
HOLTSVILLE_IC_9 23698	38.38 0.82 -30.96	37.29 0.81 -29.98	35.92 0.94 -27.44	35.93 0.96 -27.42	37.37 0.21 -34.95	38.08 0.50 -32.90	41.94 0.89 -33.58	45.43 1.15 -35.63	45.11 1.57 -32.75	42.32 1.52 -30.16	44.24 1.52 -32.07	42.83 1.85 -28.02	40.75 1.48 -28.64	40.11 1.21 -29.88	39.93 1.03 -31.27	39.92 0.99 -31.45	45.33 1.42 -33.28	58.38 1.52 -45.91	68.38 2.14 -50.82	58.84 1.75 -45.07	48.19 1.56 -35.26	41.58 1.51 -29.45	39.79 1.08 -31.09	37.44 0.83 -30.22
HOWARD_WT_PWR 323690	11.71 0.02 -5.09	11.26 0.01 -4.74	11.78 0.01 -4.23	11.72 0.05 -4.11	8.17 0.06 -5.91	10.17 0.17 -5.33	14.75 0.43 -6.86	16.37 0.51 -7.21	17.95 0.59 -6.56	16.69 0.63 -5.43	16.71 0.67 -5.39	17.96 0.78 -4.23	15.89 0.63 -4.64	14.32 0.51 -4.79	12.77 0.43 -4.71	12.81 0.43 -4.91	15.90 0.62 -4.66	18.76 0.53 -7.29	22.78 0.76 -6.60	18.98 0.53 -6.43	16.95 0.55 -5.03	15.59 0.47 -4.51	12.63 0.25 -4.76	11.09 0.10 -4.60
HQ_GEN_CEDARS 23644	6.22 -0.38 0.00	6.14 -0.36 0.00	7.14 -0.40 0.00	7.12 -0.43 0.00	1.37 -0.05 0.79	3.83 -0.13 0.71	7.18 -0.29 0.00	8.25 -0.40 0.00	9.36 -0.53 0.91	10.12 -0.52 0.00	10.12 -0.53 0.00	12.38 -0.57 0.00	10.18 -0.45 0.00	8.62 -0.41 0.00	7.30 -0.33 0.00	7.15 -0.32 0.00	10.13 -0.49 0.00	10.44 -0.51 0.00	14.69 -0.72 0.00	11.43 -0.59 0.00	10.82 -0.56 0.00	10.12 -0.50 0.00	7.31 -0.31 0.00	6.21 -0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	6.22 -0.38 0.00	6.14 -0.36 0.00	7.14 -0.40 0.00	7.12 -0.43 0.00	1.37 -0.05 0.79	3.83 -0.13 0.71	7.18 -0.29 0.00	8.25 -0.40 0.00	9.36 -0.53 0.91	10.12 -0.52 0.00	10.12 -0.53 0.00	12.38 -0.57 0.00	10.18 -0.45 0.00	8.62 -0.41 0.00	7.30 -0.33 0.00	7.15 -0.32 0.00	10.13 -0.49 0.00	10.44 -0.51 0.00	14.69 -0.72 0.00	11.43 -0.59 0.00	10.82 -0.56 0.00	10.12 -0.50 0.00	7.31 -0.31 0.00	6.21 -0.17 0.00
HQ_GEN_IMPORT 323601	6.34 -0.26 0.00	6.25 -0.25 0.00	7.25 -0.29 0.00	7.25 -0.30 0.00	2.16 -0.05 0.00	4.55 -0.12 0.00	7.25 -0.22 0.00	8.38 -0.27 0.00	10.29 -0.37 0.14	10.29 -0.35 0.00	10.29 -0.36 0.00	12.53 -0.43 0.00	10.29 -0.34 0.00	8.74 -0.28 0.00	7.40 -0.23 0.00	7.25 -0.22 0.00	10.29 -0.33 0.00	10.61 -0.34 0.00	14.94 -0.48 0.00	11.64 -0.39 0.00	11.01 -0.36 0.00	10.29 -0.33 0.00	7.41 -0.21 0.00	6.25 -0.13 0.00
HQ_GEN_WHEEL 23651	6.34 -0.26 0.00	6.25 -0.25 0.00	7.25 -0.29 0.00	7.25 -0.30 0.00	2.16 -0.05 0.00	4.55 -0.12 0.00	7.25 -0.22 0.00	8.38 -0.27 0.00	10.29 -0.37 0.14	10.29 -0.35 0.00	10.29 -0.36 0.00	12.53 -0.43 0.00	10.29 -0.34 0.00	8.74 -0.28 0.00	7.40 -0.23 0.00	7.25 -0.22 0.00	10.29 -0.33 0.00	10.61 -0.34 0.00	14.94 -0.48 0.00	11.64 -0.39 0.00	11.01 -0.36 0.00	10.29 -0.33 0.00	7.41 -0.21 0.00	6.25 -0.13 0.00
HUDSON_AVE_GT_3 23810	30.87 0.65 -23.63	29.16 0.63 -22.02	27.93 0.73 -19.66	27.38 0.74 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.21 0.55 -33.19	43.22 0.76 -33.82	42.66 1.10 -30.76	37.11 1.03 -25.44	36.97 1.07 -25.25	34.27 1.30 -20.02	33.64 1.08 -21.92	32.40 0.94 -22.44	30.69 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.65 1.12 -35.58	49.19 1.53 -32.24	44.71 1.27 -31.41	37.02 1.08 -24.57	33.71 1.06 -22.03	31.66 0.78 -23.26	29.51 0.62 -22.50
HUDSON_AVE_GT_4 23540	30.87 0.65 -23.63	29.16 0.63 -22.02	27.93 0.73 -19.66	27.38 0.74 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.21 0.55 -33.19	43.22 0.76 -33.82	42.66 1.10 -30.76	37.11 1.03 -25.44	36.97 1.07 -25.25	34.27 1.30 -20.02	33.64 1.08 -21.92	32.40 0.94 -22.44	30.69 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.65 1.12 -35.58	49.19 1.53 -32.24	44.71 1.27 -31.41	37.02 1.08 -24.57	33.71 1.06 -22.03	31.66 0.78 -23.26	29.51 0.62 -22.50
HUDSON_AVE_GT_5 23657	30.87 0.65 -23.63	29.16 0.63 -22.02	27.93 0.73 -19.66	27.38 0.74 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.21 0.55 -33.19	43.22 0.76 -33.82	42.66 1.10 -30.76	37.11 1.03 -25.44	36.97 1.07 -25.25	34.27 1.30 -20.02	33.64 1.08 -21.92	32.40 0.94 -22.44	30.69 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.65 1.12 -35.58	49.19 1.53 -32.24	44.71 1.27 -31.41	37.02 1.08 -24.57	33.71 1.06 -22.03	31.66 0.78 -23.26	29.51 0.62 -22.50
HUDSON_AVE_10 24168	30.85 0.63 -23.63	29.14 0.61 -22.02	27.90 0.71 -19.66	27.36 0.72 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.74 -33.82	42.64 1.08 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.92	32.38 0.92 -22.44	30.68 0.79 -22.26	31.47 0.77 -23.23	33.71 1.05 -22.04	47.63 1.09 -35.58	49.17 1.51 -32.24	44.69 1.25 -31.41	37.01 1.07 -24.57	33.69 1.04 -22.03	31.65 0.76 -23.26	29.50 0.61 -22.50

HUNTER MOUNT___DRP 323613	33.46 0.59 -26.27	31.56 0.57 -24.48	30.05 0.66 -21.85	29.46 0.69 -21.22	37.14 0.15 -34.78	36.38 0.32 -31.39	47.57 0.61 -39.49	49.62 0.74 -40.23	48.30 0.91 -36.60	41.73 0.82 -30.26	41.53 0.83 -30.04	37.66 0.89 -23.81	37.43 0.71 -26.08	36.31 0.60 -26.70	34.61 0.50 -26.48	35.60 0.49 -27.64	37.61 0.77 -26.22	54.15 0.88 -42.33	55.13 1.36 -38.36	50.44 1.05 -37.37	41.53 0.93 -29.23	37.68 0.86 -26.20	35.89 0.59 -27.67	33.60 0.45 -26.77
HUNTINGTON_RES_REC 323705	38.35 0.78 -30.96	37.27 0.79 -29.98	35.90 0.92 -27.44	35.90 0.93 -27.42	37.35 0.20 -34.95	38.03 0.46 -32.90	41.80 0.75 -33.58	45.27 0.99 -35.63	44.93 1.38 -32.75	42.13 1.33 -30.16	44.06 1.34 -32.07	42.62 1.65 -28.02	40.60 1.33 -28.64	40.03 1.14 -29.87	39.87 0.98 -31.27	39.87 0.94 -31.45	45.23 1.33 -33.28	58.25 1.39 -45.91	68.18 1.94 -50.82	58.66 1.57 -45.07	48.02 1.39 -35.26	41.41 1.34 -29.45	39.67 0.97 -31.09	37.40 0.79 -30.22
HUNTLEY___63 23557	10.40 -0.04 -3.84	10.02 -0.07 -3.58	10.66 -0.07 -3.19	10.61 -0.05 -3.10	6.74 0.04 -4.49	8.84 0.12 -4.05	13.02 0.31 -5.24	14.48 0.35 -5.49	16.14 0.35 -5.00	15.16 0.38 -4.13	15.14 0.38 -4.10	16.56 0.40 -3.20	14.46 0.32 -3.51	12.90 0.23 -3.65	11.38 0.19 -3.56	11.38 0.19 -3.72	14.41 0.27 -3.53	16.55 0.07 -5.53	20.57 0.14 -5.01	16.97 0.07 -4.88	15.36 0.17 -3.81	14.29 0.25 -3.42	11.37 0.14 -3.61	9.85 -0.03 -3.49
HUNTLEY___64 23558	10.40 -0.04 -3.84	10.02 -0.07 -3.58	10.66 -0.07 -3.19	10.61 -0.05 -3.10	6.74 0.04 -4.49	8.84 0.12 -4.05	13.02 0.31 -5.24	14.48 0.35 -5.49	16.14 0.35 -5.00	15.16 0.38 -4.13	15.14 0.38 -4.10	16.56 0.40 -3.20	14.46 0.32 -3.51	12.90 0.23 -3.65	11.38 0.19 -3.56	11.38 0.19 -3.72	14.41 0.27 -3.53	16.55 0.07 -5.53	20.57 0.14 -5.01	16.97 0.07 -4.88	15.36 0.17 -3.81	14.29 0.25 -3.42	11.37 0.14 -3.61	9.85 -0.03 -3.49
HUNTLEY___65 23559	10.40 -0.04 -3.84	10.02 -0.07 -3.58	10.66 -0.07 -3.19	10.61 -0.05 -3.10	6.74 0.04 -4.49	8.84 0.12 -4.05	13.02 0.31 -5.24	14.48 0.35 -5.49	16.14 0.35 -5.00	15.16 0.38 -4.13	15.14 0.38 -4.10	16.56 0.40 -3.20	14.46 0.32 -3.51	12.90 0.23 -3.65	11.38 0.19 -3.56	11.38 0.19 -3.72	14.41 0.27 -3.53	16.55 0.07 -5.53	20.57 0.14 -5.01	16.97 0.07 -4.88	15.36 0.17 -3.81	14.29 0.25 -3.42	11.37 0.14 -3.61	9.85 -0.03 -3.49
HUNTLEY___66 23560	10.40 -0.04 -3.84	10.02 -0.07 -3.58	10.66 -0.07 -3.19	10.61 -0.05 -3.10	6.74 0.04 -4.49	8.84 0.12 -4.05	13.02 0.31 -5.24	14.48 0.35 -5.49	16.14 0.35 -5.00	15.16 0.38 -4.13	15.14 0.38 -4.10	16.56 0.40 -3.20	14.46 0.32 -3.51	12.90 0.23 -3.65	11.38 0.19 -3.56	11.38 0.19 -3.72	14.41 0.27 -3.53	16.55 0.07 -5.53	20.57 0.14 -5.01	16.97 0.07 -4.88	15.36 0.17 -3.81	14.29 0.25 -3.42	11.37 0.14 -3.61	9.85 -0.03 -3.49
HUNTLEY___67 23561	10.45 -0.07 -3.92	10.07 -0.09 -3.65	10.70 -0.10 -3.26	10.65 -0.07 -3.17	6.82 0.02 -4.59	8.90 0.09 -4.14	13.07 0.25 -5.35	14.51 0.26 -5.61	16.15 0.25 -5.10	15.14 0.28 -4.22	15.13 0.29 -4.19	16.50 0.27 -3.27	14.44 0.22 -3.58	12.90 0.15 -3.72	11.39 0.13 -3.64	11.40 0.13 -3.80	14.39 0.17 -3.60	16.56 -0.03 -5.65	20.52 -0.02 -5.12	16.96 -0.04 -4.98	15.35 0.08 -3.89	14.28 0.17 -3.49	11.39 0.08 -3.69	9.89 -0.06 -3.56
HUNTLEY___68 23562	10.45 -0.07 -3.92	10.07 -0.09 -3.65	10.70 -0.10 -3.26	10.65 -0.07 -3.17	6.82 0.02 -4.59	8.90 0.09 -4.14	13.07 0.25 -5.35	14.51 0.26 -5.61	16.15 0.25 -5.10	15.14 0.28 -4.22	15.13 0.29 -4.19	16.50 0.27 -3.27	14.44 0.22 -3.58	12.90 0.15 -3.72	11.39 0.13 -3.64	11.40 0.13 -3.80	14.39 0.17 -3.60	16.56 -0.03 -5.65	20.52 -0.02 -5.12	16.96 -0.04 -4.98	15.35 0.08 -3.89	14.28 0.17 -3.49	11.39 0.08 -3.69	9.89 -0.06 -3.56
HYLAND___LFGF 323620	11.03 0.22 -4.20	10.63 0.21 -3.92	11.26 0.23 -3.50	11.22 0.27 -3.40	7.24 0.12 -4.91	9.42 0.32 -4.43	13.89 0.71 -5.71	15.47 0.83 -6.00	17.18 0.93 -5.46	16.08 0.93 -4.51	16.06 0.93 -4.48	17.49 1.02 -3.52	15.28 0.80 -3.85	13.63 0.63 -3.98	12.06 0.53 -3.91	12.06 0.51 -4.08	15.27 0.77 -3.87	17.77 0.75 -6.07	22.04 1.12 -5.50	18.28 0.91 -5.35	16.44 0.89 -4.18	15.13 0.77 -3.75	12.04 0.46 -3.96	10.49 0.27 -3.83
INDECK___CORINTH 23802	40.92 0.59 -33.73	38.52 0.58 -31.44	36.27 0.67 -28.06	35.47 0.67 -27.25	54.59 0.14 -52.24	52.06 0.25 -47.14	64.91 0.56 -56.88	67.43 0.64 -58.15	64.54 0.85 -52.89	55.28 0.89 -43.74	54.91 0.84 -43.42	48.36 1.00 -34.41	49.11 0.79 -37.69	48.24 0.64 -38.58	46.39 0.50 -38.27	47.91 0.50 -39.94	49.19 0.68 -37.89	72.60 0.69 -60.96	71.61 0.96 -55.23	66.50 0.66 -53.82	54.27 0.81 -42.09	49.02 0.67 -37.73	47.96 0.49 -39.85	45.25 0.31 -38.55
INDECK___ILION 23567	6.26 0.23 0.57	6.20 0.23 0.53	7.33 0.26 0.47	7.36 0.26 0.46	0.74 0.07 1.54	3.43 0.14 1.39	6.64 0.26 1.09	7.81 0.32 1.16	10.14 0.40 1.05	10.17 0.40 0.87	10.17 0.38 0.86	12.75 0.48 0.68	10.27 0.39 0.75	8.57 0.32 0.77	7.13 0.27 0.76	6.94 0.26 0.79	10.26 0.39 0.75	10.14 0.42 1.22	14.88 0.57 1.11	11.39 0.45 1.07	10.96 0.42 0.84	10.25 0.38 0.75	7.08 0.26 0.79	5.81 0.20 0.77
INDECK___OLEAN 23982	11.33 0.14 -4.59	10.90 0.12 -4.28	11.50 0.15 -3.82	11.43 0.17 -3.71	7.64 0.08 -5.35	9.73 0.23 -4.82	14.20 0.51 -6.21	15.75 0.59 -6.52	17.41 0.68 -5.93	16.28 0.73 -4.90	16.27 0.75 -4.87	17.53 0.78 -3.80	15.38 0.59 -4.16	13.82 0.47 -4.33	12.24 0.40 -4.22	12.27 0.39 -4.40	15.34 0.54 -4.18	17.83 0.33 -6.55	21.85 0.49 -5.94	18.16 0.36 -5.78	16.44 0.55 -4.52	15.26 0.59 -4.05	12.26 0.37 -4.28	10.71 0.19 -4.14
INDECK___OSWEGO 23783	8.36 -0.07 -1.84	8.15 -0.07 -1.71	8.98 -0.09 -1.53	8.96 -0.08 -1.48	4.34 -0.02 -2.15	6.58 -0.03 -1.94	9.97 0.04 -2.46	11.28 0.05 -2.59	13.34 0.05 -2.48	12.61 0.02 -1.95	12.60 0.02 -1.93	14.53 0.05 -1.53	12.32 0.02 -1.67	10.75 0.01 -1.72	9.32 0.00 -1.70	9.25 0.00 -1.77	12.30 0.00 -1.68	13.60 0.01 -2.63	17.84 0.03 -2.39	14.41 -0.05 -2.43	13.27 -0.01 -1.90	12.30 -0.02 -1.71	9.38 -0.04 -1.80	8.06 -0.06 -1.74
INDECK___YERKES 23781	10.40 -0.04 -3.84	10.02 -0.06 -3.58	10.66 -0.07 -3.19	10.61 -0.04 -3.10	6.74 0.04 -4.49	8.85 0.12 -4.05	13.03 0.32 -5.24	14.49 0.35 -5.49	16.15 0.36 -5.00	15.17 0.39 -4.13	15.15 0.39 -4.10	16.57 0.41 -3.20	14.47 0.33 -3.51	12.91 0.24 -3.65	11.38 0.19 -3.56	11.39 0.19 -3.72	14.42 0.28 -3.53	16.56 0.08 -5.53	20.59 0.15 -5.01	16.98 0.08 -4.88	15.37 0.18 -3.81	14.30 0.27 -3.42	11.37 0.14 -3.61	9.86 -0.02 -3.49
INDIAN POINT_GT_1 24139	30.58 0.55 -23.43	28.89 0.55 -21.84	27.66 0.63 -19.49	27.13 0.65 -18.93	30.84 0.12 -28.51	30.68 0.28 -25.73	40.77 0.48 -32.83	42.74 0.65 -33.44	42.15 0.93 -30.42	36.68 0.88 -25.16	36.53 0.90 -24.97	33.84 1.09 -19.80	33.22 0.90 -21.68	31.99 0.78 -22.19	30.30 0.66 -22.02	31.10 0.65 -22.97	33.32 0.90 -21.80	47.09 0.94 -35.20	48.64 1.33 -31.89	44.16 1.07 -31.07	36.61 0.93 -24.30	33.31 0.90 -21.79	31.29 0.66 -23.01	29.17 0.52 -22.26

INDIAN POINT_GT_2 23659	30.58 0.55 -23.43	28.89 0.55 -21.84	27.66 0.63 -19.49	27.13 0.65 -18.93	30.84 0.12 -28.51	30.68 0.28 -25.73	40.77 0.48 -32.83	42.74 0.65 -33.44	42.15 0.93 -30.42	36.68 0.88 -25.16	36.53 0.90 -24.97	33.84 1.09 -19.80	33.22 0.90 -21.68	31.99 0.78 -22.19	30.30 0.66 -22.02	31.10 0.65 -22.97	33.32 0.90 -21.80	47.09 0.94 -35.20	48.64 1.33 -31.89	44.16 1.07 -31.07	36.61 0.93 -24.30	33.31 0.90 -21.79	31.29 0.66 -23.01	29.17 0.52 -22.26
INDIAN POINT_GT_3 24019	30.58 0.55 -23.43	28.89 0.55 -21.84	27.66 0.63 -19.49	27.13 0.65 -18.93	30.84 0.12 -28.51	30.68 0.28 -25.73	40.77 0.48 -32.83	42.74 0.65 -33.44	42.15 0.93 -30.42	36.68 0.88 -25.16	36.53 0.90 -24.97	33.84 1.09 -19.80	33.22 0.90 -21.68	31.99 0.78 -22.19	30.30 0.66 -22.02	31.10 0.65 -22.97	33.32 0.90 -21.80	47.09 0.94 -35.20	48.64 1.33 -31.89	44.16 1.07 -31.07	36.61 0.93 -24.30	33.31 0.90 -21.79	31.29 0.66 -23.01	29.17 0.52 -22.26
INDIAN POINT___2 23530	30.28 0.55 -23.14	28.60 0.53 -21.56	27.40 0.62 -19.25	26.87 0.63 -18.69	30.37 0.11 -28.05	30.26 0.28 -25.31	40.22 0.46 -32.29	42.16 0.63 -32.89	41.62 0.91 -29.92	36.24 0.86 -24.74	36.09 0.88 -24.56	33.50 1.07 -19.47	32.84 0.88 -21.32	31.61 0.77 -21.82	29.93 0.66 -21.65	30.71 0.64 -22.59	32.93 0.88 -21.43	46.49 0.92 -34.62	48.07 1.28 -31.37	43.63 1.05 -30.56	36.19 0.91 -23.90	32.94 0.89 -21.43	30.90 0.65 -22.63	28.80 0.52 -21.89
INDIAN POINT___3 23531	30.56 0.52 -23.44	28.86 0.51 -21.85	27.63 0.59 -19.51	27.09 0.60 -18.94	30.85 0.11 -28.54	30.68 0.25 -25.75	40.75 0.43 -32.86	42.70 0.59 -33.47	42.10 0.85 -30.45	36.63 0.81 -25.18	36.49 0.84 -24.99	33.78 1.01 -19.81	33.17 0.84 -21.70	31.95 0.72 -22.21	30.28 0.62 -22.03	31.07 0.61 -22.99	33.27 0.84 -21.81	47.04 0.86 -35.22	48.55 1.22 -31.92	44.10 0.99 -31.10	36.55 0.85 -24.32	33.26 0.84 -21.80	31.26 0.61 -23.03	29.15 0.48 -22.28
IP CORINTH___1 23988	40.96 0.63 -33.73	38.56 0.62 -31.44	36.32 0.72 -28.06	35.52 0.72 -27.25	54.60 0.15 -52.24	52.09 0.28 -47.14	64.96 0.61 -56.88	67.48 0.69 -58.15	64.61 0.92 -52.89	55.35 0.97 -43.74	54.97 0.90 -43.42	48.44 1.07 -34.41	49.18 0.85 -37.69	48.30 0.69 -38.58	46.44 0.54 -38.27	47.97 0.55 -39.94	49.25 0.74 -37.89	72.66 0.75 -60.96	71.72 1.06 -55.23	66.57 0.73 -53.82	54.34 0.88 -42.09	49.09 0.73 -37.73	48.01 0.53 -39.85	45.29 0.35 -38.55
IP___TICONDEROGA 23804	41.14 0.85 -33.69	38.75 0.85 -31.40	36.53 0.96 -28.03	35.74 0.97 -27.21	54.57 0.22 -52.14	52.14 0.42 -47.05	65.11 0.87 -56.78	67.72 1.04 -58.04	64.99 1.39 -52.80	55.74 1.44 -43.66	55.34 1.35 -43.34	48.88 1.58 -34.35	49.49 1.23 -37.62	48.53 1.00 -38.51	46.61 0.79 -38.20	48.12 0.78 -39.87	49.55 1.11 -37.82	72.98 1.18 -60.84	72.23 1.68 -55.13	66.94 1.20 -53.72	54.75 1.36 -42.01	49.43 1.15 -37.67	48.19 0.79 -39.78	45.40 0.53 -38.48
ISLIP_RES_REC 323679	38.43 0.86 -30.96	37.33 0.85 -29.98	35.97 0.99 -27.44	35.97 1.00 -27.42	37.38 0.22 -34.95	38.11 0.54 -32.90	42.00 0.95 -33.58	45.50 1.23 -35.63	45.21 1.66 -32.75	42.42 1.62 -30.16	44.34 1.62 -32.07	42.94 1.97 -28.02	40.85 1.57 -28.64	40.18 1.28 -29.87	39.99 1.09 -31.27	39.97 1.05 -31.45	45.42 1.52 -33.28	58.49 1.63 -45.91	68.52 2.28 -50.82	58.95 1.86 -45.07	48.29 1.66 -35.26	41.67 1.60 -29.45	39.84 1.14 -31.09	37.48 0.87 -30.22
JARVIS____ 23743	6.10 0.07 0.57	6.04 0.07 0.53	7.14 0.08 0.47	7.17 0.08 0.46	0.68 0.01 1.54	3.31 0.03 1.39	6.44 0.06 1.09	7.56 0.07 1.16	9.84 0.10 1.05	9.87 0.10 0.87	9.88 0.10 0.86	12.39 0.12 0.68	9.98 0.10 0.75	8.33 0.07 0.77	6.93 0.06 0.76	6.74 0.06 0.79	9.96 0.10 0.75	9.83 0.10 1.22	14.46 0.15 1.11	11.07 0.12 1.07	10.64 0.10 0.84	9.96 0.10 0.75	6.88 0.05 0.79	5.65 0.03 0.77
JENNISON___1 23625	15.39 0.31 -8.48	14.72 0.31 -7.91	14.96 0.36 -7.06	14.79 0.38 -6.85	11.74 0.11 -9.41	13.44 0.28 -8.50	18.67 0.55 -10.65	22.30 0.63 -13.03	23.45 0.80 -11.85	21.17 0.73 -9.80	21.09 0.71 -9.73	21.57 0.88 -7.74	19.84 0.73 -8.48	18.25 0.59 -8.64	16.72 0.49 -8.61	16.94 0.49 -8.98	19.87 0.73 -8.52	23.24 0.82 -11.47	27.02 1.20 -10.39	23.06 0.91 -10.12	20.18 0.89 -7.92	18.49 0.77 -7.10	15.60 0.49 -7.50	13.99 0.36 -7.25
JENNISON___2 23626	15.39 0.31 -8.48	14.72 0.31 -7.91	14.96 0.36 -7.06	14.79 0.38 -6.85	11.74 0.11 -9.41	13.44 0.28 -8.50	18.67 0.55 -10.65	22.30 0.63 -13.03	23.45 0.80 -11.85	21.17 0.73 -9.80	21.09 0.71 -9.73	21.57 0.88 -7.74	19.84 0.73 -8.48	18.25 0.59 -8.64	16.72 0.49 -8.61	16.94 0.49 -8.98	19.87 0.73 -8.52	23.24 0.82 -11.47	27.02 1.20 -10.39	23.06 0.91 -10.12	20.18 0.89 -7.92	18.49 0.77 -7.10	15.60 0.49 -7.50	13.99 0.36 -7.25
JERICHO_RISE_WT_PWR 323719	6.05 -0.55 0.00	5.97 -0.53 0.00	6.94 -0.60 0.00	6.92 -0.63 0.00	1.24 -0.13 0.85	3.61 -0.30 0.76	6.96 -0.51 0.00	8.02 -0.62 0.00	9.19 -0.81 0.80	9.85 -0.79 0.00	9.85 -0.80 0.00	12.02 -0.93 0.00	9.89 -0.74 0.00	8.40 -0.62 0.00	7.11 -0.52 0.00	6.98 -0.49 0.00	9.94 -0.68 0.00	10.29 -0.66 0.00	14.49 -0.92 0.00	11.27 -0.75 0.00	10.67 -0.71 0.00	9.97 -0.65 0.00	7.20 -0.42 0.00	6.12 -0.27 0.00
KCE_NY_1 323755	40.88 0.66 -33.62	38.49 0.65 -31.33	36.25 0.75 -27.97	35.46 0.75 -27.16	54.35 0.16 -51.99	51.89 0.30 -46.91	64.71 0.63 -56.62	67.22 0.70 -57.87	64.35 0.91 -52.65	55.10 0.93 -43.54	54.75 0.88 -43.21	48.25 1.05 -34.25	48.99 0.84 -37.52	48.11 0.69 -38.40	46.27 0.55 -38.09	47.78 0.55 -39.75	49.13 0.80 -37.71	72.44 0.82 -60.67	71.55 1.16 -54.98	66.43 0.84 -53.57	54.16 0.89 -41.90	48.96 0.79 -37.56	47.83 0.54 -39.67	45.14 0.38 -38.37
KEDC PORT_JEFF_GT2 24210	38.35 0.79 -30.96	37.26 0.78 -29.98	35.89 0.91 -27.44	35.89 0.92 -27.42	37.35 0.20 -34.95	38.05 0.48 -32.90	41.89 0.84 -33.58	45.38 1.11 -35.63	45.06 1.51 -32.75	42.27 1.47 -30.16	44.18 1.46 -32.07	42.77 1.80 -28.02	40.72 1.45 -28.64	40.08 1.18 -29.88	39.90 1.01 -31.27	39.89 0.96 -31.46	45.28 1.38 -33.28	58.31 1.45 -45.91	68.28 2.03 -50.82	58.75 1.66 -45.07	48.13 1.50 -35.26	41.52 1.45 -29.45	39.75 1.04 -31.09	37.41 0.80 -30.22
KEDC PORT_JEFF_GT3 24211	38.35 0.79 -30.96	37.26 0.78 -29.98	35.89 0.91 -27.44	35.89 0.92 -27.42	37.35 0.20 -34.95	38.05 0.48 -32.90	41.89 0.84 -33.58	45.38 1.11 -35.63	45.06 1.51 -32.75	42.27 1.47 -30.16	44.18 1.46 -32.07	42.77 1.80 -28.02	40.72 1.45 -28.64	40.08 1.18 -29.88	39.90 1.01 -31.27	39.89 0.96 -31.46	45.28 1.38 -33.28	58.31 1.45 -45.91	68.28 2.03 -50.82	58.75 1.66 -45.07	48.13 1.50 -35.26	41.52 1.45 -29.45	39.75 1.04 -31.09	37.41 0.80 -30.22
KEDC_GLWD_GT4 24219	38.14 0.71 -30.83	37.04 0.70 -29.83	35.65 0.81 -27.30	35.64 0.82 -27.27	37.21 0.17 -34.83	37.83 0.39 -32.77	41.69 0.65 -33.58	45.07 0.83 -35.60	44.68 1.17 -32.71	41.82 1.11 -30.07	43.74 1.14 -31.94	42.21 1.39 -27.87	40.33 1.18 -28.52	39.78 1.02 -29.74	39.60 0.87 -31.10	39.63 0.85 -31.30	44.84 1.15 -33.08	57.86 1.19 -45.72	67.55 1.65 -50.48	58.17 1.33 -44.82	47.60 1.16 -35.06	41.06 1.13 -29.31	39.41 0.85 -30.94	37.14 0.68 -30.08

KEDC_GLWD_GT5 24220	38.14 0.71 -30.83	37.04 0.70 -29.83	35.65 0.81 -27.30	35.64 0.82 -27.27	37.21 0.17 -34.83	37.83 0.39 -32.77	41.69 0.65 -33.58	45.07 0.83 -35.60	44.68 1.17 -32.71	41.82 1.11 -30.07	43.74 1.14 -31.94	42.21 1.39 -27.87	40.33 1.18 -28.52	39.78 1.02 -29.74	39.60 0.87 -31.10	39.63 0.85 -31.30	44.84 1.15 -33.08	57.86 1.19 -45.72	67.55 1.65 -50.48	58.17 1.33 -44.82	47.60 1.16 -35.06	41.06 1.13 -29.31	39.41 0.85 -30.94	37.14 0.68 -30.08
KENSICO____ 23655	30.77 0.58 -23.60	29.07 0.57 -21.99	27.83 0.66 -19.63	27.28 0.67 -19.06	31.11 0.12 -28.78	30.93 0.29 -25.97	41.10 0.50 -33.13	43.07 0.67 -33.75	42.47 0.97 -30.71	36.95 0.92 -25.39	36.80 0.95 -25.20	34.09 1.15 -19.98	33.47 0.96 -21.88	32.24 0.82 -22.40	30.55 0.70 -22.22	31.35 0.69 -23.19	33.56 0.94 -22.00	47.46 0.99 -35.52	48.97 1.37 -32.19	44.50 1.12 -31.36	36.87 0.97 -24.53	33.55 0.94 -21.99	31.54 0.69 -23.22	29.40 0.55 -22.46
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.65 0.54 -22.51	28.01 0.53 -20.98	26.87 0.60 -18.73	26.36 0.63 -18.18	29.76 0.12 -27.43	29.71 0.29 -24.75	39.42 0.49 -31.47	40.98 0.69 -31.65	40.52 0.94 -28.79	35.32 0.87 -23.81	35.19 0.90 -23.63	32.78 1.09 -18.73	32.04 0.89 -20.52	30.77 0.75 -21.00	29.10 0.64 -20.83	29.85 0.63 -21.74	32.18 0.93 -20.63	45.66 0.97 -33.73	47.40 1.42 -30.57	42.93 1.13 -29.78	35.66 0.99 -23.29	32.45 0.94 -20.88	30.34 0.67 -22.05	28.24 0.52 -21.33
KIAC_JFK_GT1 23816	30.85 0.63 -23.63	29.14 0.61 -22.02	27.90 0.70 -19.66	27.35 0.71 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.19 0.53 -33.19	43.19 0.73 -33.82	42.65 1.09 -30.76	37.09 1.01 -25.44	36.94 1.03 -25.25	34.23 1.26 -20.02	33.61 1.05 -21.92	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.64 1.11 -35.58	49.19 1.53 -32.24	44.71 1.27 -31.41	37.01 1.07 -24.57	33.69 1.04 -22.03	31.68 0.79 -23.26	29.50 0.61 -22.50
KIAC_JFK_GT2 23817	30.85 0.63 -23.63	29.14 0.61 -22.02	27.90 0.70 -19.66	27.35 0.71 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.19 0.53 -33.19	43.19 0.73 -33.82	42.65 1.09 -30.76	37.09 1.01 -25.44	36.94 1.03 -25.25	34.23 1.26 -20.02	33.61 1.05 -21.92	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.77 -23.23	33.70 1.04 -22.04	47.64 1.11 -35.58	49.19 1.53 -32.24	44.71 1.27 -31.41	37.01 1.07 -24.57	33.69 1.04 -22.03	31.68 0.79 -23.26	29.50 0.61 -22.50
KINTIGH____ 23543	9.74 -0.12 -3.26	9.41 -0.13 -3.04	10.10 -0.15 -2.71	10.06 -0.13 -2.63	6.04 0.00 -3.84	8.16 0.03 -3.46	12.09 0.13 -4.49	13.47 0.12 -4.71	15.15 0.08 -4.28	14.29 0.11 -3.54	14.27 0.11 -3.51	15.78 0.08 -2.75	13.71 0.06 -3.01	12.17 0.03 -3.12	10.71 0.02 -3.06	10.69 0.02 -3.19	13.68 0.03 -3.03	15.59 0.02 -4.75	19.58 -0.11 -4.30	16.08 -0.12 -4.18	14.60 -0.05 -3.27	13.58 0.03 -2.93	10.71 -0.01 -3.10	9.27 -0.11 -3.00
LACHUTE____HYDRO 323717	41.14 0.85 -33.69	38.75 0.85 -31.40	36.53 0.96 -28.03	35.74 0.97 -27.21	54.57 0.22 -52.14	52.14 0.42 -47.05	65.11 0.87 -56.78	67.72 1.04 -58.04	64.99 1.39 -52.80	55.74 1.44 -43.66	55.34 1.35 -43.34	48.88 1.58 -34.35	49.49 1.23 -37.62	48.53 1.00 -38.51	46.61 0.79 -38.20	48.12 0.78 -39.87	49.55 1.11 -37.82	72.98 1.18 -60.84	72.23 1.68 -55.13	66.94 1.20 -53.72	54.75 1.36 -42.01	49.43 1.15 -37.67	48.19 0.79 -39.78	45.40 0.53 -38.48
LEDERLE____ 23769	29.99 0.56 -22.83	28.33 0.55 -21.28	27.16 0.63 -18.99	26.64 0.65 -18.44	29.89 0.12 -27.56	29.83 0.28 -24.87	39.69 0.49 -31.73	41.62 0.67 -32.31	41.14 0.95 -29.40	35.85 0.90 -24.31	35.71 0.93 -24.13	33.20 1.11 -19.13	32.50 0.91 -20.95	31.25 0.78 -21.44	29.58 0.68 -21.27	30.33 0.66 -22.20	32.60 0.92 -21.06	45.92 0.95 -34.02	47.59 1.34 -30.83	43.14 1.08 -30.04	35.82 0.96 -23.49	32.61 0.93 -21.06	30.54 0.68 -22.24	28.44 0.54 -21.52
LINDEN COGEN____ 23786	30.83 0.61 -23.63	29.12 0.60 -22.02	27.89 0.69 -19.66	27.34 0.70 -19.09	31.16 0.12 -28.83	31.00 0.31 -26.02	41.17 0.51 -33.19	43.16 0.70 -33.82	42.59 1.04 -30.76	37.05 0.97 -25.44	36.90 1.00 -25.25	34.20 1.23 -20.02	33.59 1.03 -21.92	32.36 0.90 -22.44	30.67 0.78 -22.26	31.46 0.75 -23.23	33.67 1.01 -22.04	47.57 1.04 -35.58	49.08 1.42 -32.24	44.63 1.19 -31.41	36.97 1.02 -24.57	33.64 1.00 -22.03	31.63 0.75 -23.26	29.48 0.59 -22.50
LIPA_MISC_IPP 23656	38.33 0.77 -30.96	37.24 0.75 -29.98	35.86 0.88 -27.44	35.86 0.89 -27.42	37.35 0.19 -34.95	38.04 0.47 -32.90	41.89 0.84 -33.58	45.38 1.11 -35.63	45.05 1.50 -32.75	42.28 1.48 -30.16	44.18 1.46 -32.07	42.76 1.79 -28.02	40.69 1.41 -28.65	40.04 1.14 -29.88	39.87 0.97 -31.27	39.84 0.91 -31.46	45.23 1.33 -33.29	58.31 1.45 -45.91	68.28 2.03 -50.83	58.76 1.67 -45.07	48.10 1.47 -35.26	41.50 1.43 -29.45	39.74 1.04 -31.09	37.39 0.79 -30.23
LISF____SOLAR 323691	38.36 0.79 -30.96	37.26 0.78 -29.98	35.89 0.91 -27.44	35.90 0.93 -27.42	37.36 0.20 -34.95	38.06 0.49 -32.90	41.94 0.89 -33.58	45.43 1.15 -35.63	45.10 1.56 -32.75	42.33 1.53 -30.16	44.22 1.50 -32.07	42.81 1.84 -28.02	40.74 1.47 -28.65	40.06 1.16 -29.88	39.89 0.99 -31.27	39.87 0.94 -31.46	45.28 1.37 -33.29	58.36 1.50 -45.91	68.37 2.13 -50.83	58.83 1.74 -45.07	48.17 1.53 -35.26	41.57 1.50 -29.45	39.79 1.08 -31.09	37.42 0.81 -30.22
LITTLE FALLS____HYD 24013	6.48 0.45 0.57	6.42 0.44 0.53	7.57 0.50 0.47	7.60 0.51 0.46	0.81 0.14 1.54	3.58 0.30 1.39	6.89 0.51 1.09	8.11 0.62 1.16	10.53 0.79 1.05	10.55 0.78 0.87	10.52 0.73 0.86	13.18 0.91 0.68	10.64 0.75 0.75	8.87 0.61 0.77	7.38 0.52 0.76	7.19 0.52 0.79	10.62 0.75 0.75	10.51 0.78 1.22	15.39 1.08 1.11	11.78 0.83 1.07	11.35 0.82 0.84	10.61 0.74 0.75	7.34 0.52 0.79	6.03 0.41 0.77
LI_NEWBRIDGE____DRP 323616	38.32 0.74 -30.98	37.23 0.73 -29.99	35.85 0.85 -27.46	35.85 0.86 -27.44	37.35 0.18 -34.96	38.00 0.41 -32.91	41.74 0.69 -33.59	45.18 0.90 -35.64	44.80 1.25 -32.75	42.00 1.19 -30.17	43.96 1.22 -32.08	42.47 1.48 -28.04	40.50 1.21 -28.66	39.95 1.04 -29.89	39.80 0.88 -31.29	39.81 0.87 -31.47	45.14 1.21 -33.31	58.14 1.26 -45.93	68.02 1.74 -50.86	58.53 1.42 -45.10	47.90 1.25 -35.28	41.30 1.22 -29.46	39.60 0.88 -31.10	37.34 0.71 -30.24
LOCKPORT____CC1 323769	10.19 -0.10 -3.69	9.83 -0.12 -3.44	10.47 -0.14 -3.07	10.43 -0.11 -2.98	6.55 0.02 -4.33	8.65 0.07 -3.91	12.76 0.24 -5.05	14.18 0.24 -5.30	15.82 0.20 -4.82	14.87 0.24 -3.98	14.85 0.25 -3.95	16.28 0.23 -3.09	14.21 0.19 -3.39	12.66 0.13 -3.51	11.16 0.10 -3.44	11.17 0.10 -3.59	14.16 0.14 -3.40	16.22 -0.07 -5.34	20.21 -0.05 -4.84	16.66 -0.06 -4.70	15.09 0.03 -3.68	14.06 0.14 -3.30	11.16 0.05 -3.48	9.66 -0.09 -3.37
LOCKPORT____CC2 323770	10.19 -0.10 -3.69	9.83 -0.12 -3.44	10.47 -0.14 -3.07	10.43 -0.11 -2.98	6.55 0.02 -4.33	8.65 0.07 -3.91	12.76 0.24 -5.05	14.18 0.24 -5.30	15.82 0.20 -4.82	14.87 0.24 -3.98	14.85 0.25 -3.95	16.28 0.23 -3.09	14.21 0.19 -3.39	12.66 0.13 -3.51	11.16 0.10 -3.44	11.17 0.10 -3.59	14.16 0.14 -3.40	16.22 -0.07 -5.34	20.21 -0.05 -4.84	16.66 -0.06 -4.70	15.09 0.03 -3.68	14.06 0.14 -3.30	11.16 0.05 -3.48	9.66 -0.09 -3.37

LOCKPORT__CC3 323771	10.19 -0.10 -3.69	9.83 -0.12 -3.44	10.47 -0.14 -3.07	10.43 -0.11 -2.98	6.55 0.02 -4.33	8.65 0.07 -3.91	12.76 0.24 -5.05	14.18 0.24 -5.30	15.82 0.20 -4.82	14.87 0.24 -3.98	14.85 0.25 -3.95	16.28 0.23 -3.09	14.21 0.19 -3.39	12.66 0.13 -3.51	11.16 0.10 -3.44	11.17 0.10 -3.59	14.16 0.14 -3.40	16.22 -0.07 -5.34	20.21 -0.05 -4.84	16.66 -0.06 -4.70	15.09 0.03 -3.68	14.06 0.14 -3.30	11.16 0.05 -3.48	9.66 -0.09 -3.37
LONG_LAKE_PHOENIX 24014	8.49 -0.01 -1.91	8.27 -0.01 -1.78	9.10 -0.02 -1.59	9.09 -0.01 -1.54	4.46 0.00 -2.24	6.72 0.02 -2.02	10.22 0.11 -2.65	11.57 0.15 -2.77	13.57 0.16 -2.61	12.86 0.13 -2.09	12.85 0.13 -2.07	14.76 0.17 -1.64	12.53 0.11 -1.79	10.94 0.08 -1.84	9.51 0.06 -1.82	9.43 0.06 -1.90	12.52 0.10 -1.80	13.90 0.12 -2.83	18.15 0.17 -2.56	14.67 0.12 -2.53	13.49 0.14 -1.98	12.49 0.10 -1.77	9.54 0.05 -1.87	8.20 0.01 -1.81
LOVETT__3 23632	30.05 0.53 -22.92	28.38 0.51 -21.37	27.20 0.60 -19.07	26.68 0.61 -18.52	30.03 0.11 -27.71	29.94 0.26 -25.00	39.81 0.44 -31.90	41.73 0.60 -32.49	41.23 0.87 -29.55	35.90 0.82 -24.44	35.76 0.85 -24.26	33.21 1.02 -19.23	32.55 0.85 -21.06	31.31 0.73 -21.56	29.65 0.63 -21.39	30.41 0.61 -22.32	32.64 0.85 -21.17	46.04 0.89 -34.20	47.64 1.23 -30.99	43.23 1.01 -30.20	35.88 0.89 -23.62	32.65 0.86 -21.17	30.61 0.63 -22.36	28.51 0.50 -21.63
LOVETT__4 23642	30.05 0.53 -22.92	28.38 0.51 -21.37	27.20 0.60 -19.07	26.68 0.61 -18.52	30.03 0.11 -27.71	29.94 0.26 -25.00	39.81 0.44 -31.90	41.73 0.60 -32.49	41.23 0.87 -29.55	35.90 0.82 -24.44	35.76 0.85 -24.26	33.21 1.02 -19.23	32.55 0.85 -21.06	31.31 0.73 -21.56	29.65 0.63 -21.39	30.41 0.61 -22.32	32.64 0.85 -21.17	46.04 0.89 -34.20	47.64 1.23 -30.99	43.23 1.01 -30.20	35.88 0.89 -23.62	32.65 0.86 -21.17	30.61 0.63 -22.36	28.51 0.50 -21.63
LOVETT__5 23593	30.05 0.53 -22.92	28.38 0.51 -21.37	27.20 0.60 -19.07	26.68 0.61 -18.52	30.03 0.11 -27.71	29.94 0.26 -25.00	39.81 0.44 -31.90	41.73 0.60 -32.49	41.23 0.87 -29.55	35.90 0.82 -24.44	35.76 0.85 -24.26	33.21 1.02 -19.23	32.55 0.85 -21.06	31.31 0.73 -21.56	29.65 0.63 -21.39	30.41 0.61 -22.32	32.64 0.85 -21.17	46.04 0.89 -34.20	47.64 1.23 -30.99	43.23 1.01 -30.20	35.88 0.89 -23.62	32.65 0.86 -21.17	30.61 0.63 -22.36	28.51 0.50 -21.63
LOWER RAQUET__HYD 24057	6.23 -0.37 0.00	6.15 -0.35 0.00	7.17 -0.37 0.00	7.14 -0.41 0.00	2.17 -0.04 0.00	4.57 -0.10 0.00	7.27 -0.20 0.00	8.28 -0.36 0.00	9.01 -0.50 1.29	10.16 -0.48 0.00	10.13 -0.52 0.00	12.53 -0.43 0.00	10.30 -0.33 0.00	8.66 -0.36 0.00	7.34 -0.28 0.00	7.20 -0.28 0.00	10.13 -0.49 0.00	10.38 -0.57 0.00	14.62 -0.80 0.00	11.36 -0.66 0.00	10.74 -0.64 0.00	10.12 -0.50 0.00	7.35 -0.27 0.00	6.24 -0.14 0.00
LOWER__HUDSON 24059	40.01 0.52 -32.89	37.67 0.51 -30.65	35.49 0.60 -27.36	34.71 0.59 -26.56	52.64 0.11 -50.32	50.29 0.21 -45.41	62.88 0.45 -54.97	65.31 0.48 -56.18	62.52 0.62 -51.10	53.52 0.62 -42.26	53.20 0.60 -41.95	46.93 0.72 -33.25	47.63 0.58 -36.42	46.77 0.48 -37.28	44.99 0.39 -36.98	46.45 0.39 -38.59	47.79 0.56 -36.61	70.43 0.58 -58.91	69.59 0.80 -53.38	64.61 0.59 -52.01	52.66 0.61 -40.67	47.63 0.54 -36.46	46.50 0.37 -38.51	43.90 0.26 -37.25
LWR__OSWEGATCHIE_HYD 23850	6.45 -0.15 0.00	6.37 -0.13 0.00	7.40 -0.14 0.00	7.40 -0.15 0.00	2.21 0.00 0.00	4.69 0.01 0.00	7.54 0.07 0.00	8.66 0.02 0.00	12.34 0.00 -1.54	10.60 -0.04 0.00	10.56 -0.10 0.00	13.02 0.07 0.00	10.71 0.07 0.00	8.99 -0.04 0.00	7.60 -0.02 0.00	7.44 -0.03 0.00	10.52 -0.10 0.00	10.86 -0.09 0.00	15.33 -0.09 0.00	11.86 -0.16 0.00	11.21 -0.16 0.00	10.51 -0.11 0.00	7.57 -0.05 0.00	6.37 -0.01 0.00
LYONS_FALL_HYD 23570	6.77 0.17 0.00	6.68 0.18 0.00	7.74 0.20 0.00	7.76 0.21 0.00	2.28 0.07 0.00	4.84 0.17 0.00	7.85 0.39 0.00	9.09 0.45 0.00	11.80 0.56 -0.44	11.14 0.50 0.00	11.10 0.45 0.00	13.58 0.62 0.00	11.15 0.52 0.00	9.39 0.37 0.00	7.93 0.31 0.00	7.76 0.28 0.00	11.07 0.45 0.00	11.48 0.53 0.00	16.19 0.77 0.00	12.55 0.53 0.00	11.86 0.49 0.00	11.03 0.41 0.00	7.87 0.25 0.00	6.58 0.19 0.00
MADISON__COUNTY_LFGE 323628	7.81 0.22 -0.99	7.64 0.21 -0.92	8.60 0.24 -0.82	8.61 0.26 -0.80	2.29 0.08 0.00	4.85 0.18 0.00	9.05 0.37 -1.21	10.38 0.47 -1.27	12.66 0.59 -1.27	12.15 0.55 -0.95	12.13 0.53 -0.95	14.38 0.67 -0.75	12.00 0.55 -0.82	10.29 0.42 -0.84	8.81 0.35 -0.83	8.69 0.34 -0.87	11.98 0.53 -0.83	12.81 0.59 -1.27	17.42 0.85 -1.15	13.78 0.64 -1.13	12.84 0.59 -0.88	11.91 0.50 -0.79	8.77 0.31 -0.83	7.41 0.22 -0.81
MAPLE_RIDGE_WT_1 323574	5.11 -0.20 1.29	5.11 -0.19 1.20	6.24 -0.22 1.08	6.29 -0.22 1.04	-1.00 -0.04 3.17	1.69 -0.12 2.86	4.74 -0.19 2.54	5.49 -0.19 2.96	7.71 -0.23 2.86	8.22 -0.19 2.23	8.27 -0.17 2.21	11.01 -0.19 1.75	8.54 -0.17 1.92	6.89 -0.16 1.97	5.55 -0.13 1.95	5.32 -0.12 2.03	8.53 -0.16 1.93	7.70 -0.14 3.10	12.42 -0.18 2.81	9.14 -0.14 2.74	9.10 -0.14 2.14	8.54 -0.16 1.92	5.47 -0.12 2.03	4.32 -0.11 1.96
MAPLE_RIDGE_WT_2 323611	5.11 -0.20 1.29	5.11 -0.19 1.20	6.24 -0.22 1.08	6.29 -0.22 1.04	-1.00 -0.04 3.17	1.69 -0.12 2.86	4.74 -0.19 2.54	5.49 -0.19 2.96	7.71 -0.23 2.86	8.22 -0.19 2.23	8.27 -0.17 2.21	11.01 -0.19 1.75	8.54 -0.17 1.92	6.89 -0.16 1.97	5.55 -0.13 1.95	5.32 -0.12 2.03	8.53 -0.16 1.93	7.70 -0.14 3.10	12.42 -0.18 2.81	9.14 -0.14 2.74	9.10 -0.14 2.14	8.54 -0.16 1.92	5.47 -0.12 2.03	4.32 -0.11 1.96
MARBLE_RIVER_WT_PWR 323696	6.03 -0.57 0.00	5.95 -0.55 0.00	6.92 -0.62 0.00	6.90 -0.65 0.00	1.20 -0.13 0.87	3.57 -0.31 0.79	6.94 -0.52 0.00	8.00 -0.64 0.00	9.22 -0.83 0.75	9.83 -0.81 0.00	9.84 -0.81 0.00	12.00 -0.96 0.00	9.88 -0.75 0.00	8.39 -0.63 0.00	7.10 -0.53 0.00	6.97 -0.51 0.00	9.93 -0.69 0.00	10.29 -0.66 0.00	14.49 -0.92 0.00	11.27 -0.75 0.00	10.68 -0.69 0.00	9.98 -0.64 0.00	7.20 -0.42 0.00	6.12 -0.27 0.00
MARSH_HILL_WT_PWR 323713	11.66 0.04 -5.02	11.21 0.03 -4.68	11.74 0.03 -4.17	11.68 0.08 -4.05	8.10 0.06 -5.83	10.11 0.18 -5.26	14.67 0.44 -6.77	16.29 0.53 -7.11	17.87 0.60 -6.47	16.63 0.64 -5.35	16.64 0.67 -5.31	17.90 0.78 -4.17	15.83 0.63 -4.57	14.25 0.50 -4.72	12.69 0.43 -4.64	12.73 0.42 -4.84	15.82 0.60 -4.59	18.65 0.51 -7.19	22.67 0.74 -6.51	18.89 0.53 -6.34	16.89 0.56 -4.96	15.55 0.49 -4.44	12.58 0.27 -4.69	11.04 0.12 -4.54
MG INDUSTRY__DRP 24185	37.73 0.36 -30.78	35.54 0.35 -28.69	33.55 0.41 -25.61	32.81 0.40 -24.86	47.83 0.07 -45.56	45.92 0.14 -41.11	58.51 0.29 -50.75	60.78 0.28 -51.86	58.27 0.30 -47.18	49.94 0.29 -39.01	49.65 0.28 -38.72	43.98 0.34 -30.69	44.53 0.28 -33.62	43.66 0.23 -34.41	41.94 0.18 -34.13	43.28 0.18 -35.62	44.69 0.28 -33.79	65.61 0.26 -54.40	65.08 0.37 -49.29	60.32 0.28 -48.03	49.22 0.28 -37.56	44.54 0.24 -33.67	43.35 0.16 -35.57	40.89 0.10 -34.40

MID___OSWEGATCHIE_HYD 23849	6.45 -0.15 0.00	6.37 -0.13 0.00	7.40 -0.14 0.00	7.40 -0.15 0.00	2.21 0.00 0.00	4.69 0.01 0.00	7.54 0.07 0.00	8.66 0.02 0.00	12.34 0.00 -1.54	10.60 -0.04 0.00	10.56 -0.10 0.00	13.02 0.07 0.00	10.71 0.07 0.00	8.99 -0.04 0.00	7.60 -0.02 0.00	7.44 -0.03 0.00	10.52 -0.10 0.00	10.86 -0.09 0.00	15.33 -0.09 0.00	11.86 -0.16 0.00	11.21 -0.16 0.00	10.51 -0.11 0.00	7.57 -0.05 0.00	6.37 -0.01 0.00
MID___RAQUETTE_HYD 23851	6.23 -0.37 0.00	6.15 -0.35 0.00	7.17 -0.37 0.00	7.14 -0.41 0.00	2.17 -0.04 0.00	4.57 -0.10 0.00	7.27 -0.20 0.00	8.28 -0.36 0.00	9.01 -0.50 1.29	10.16 -0.48 0.00	10.13 -0.52 0.00	12.53 -0.43 0.00	10.30 -0.33 0.00	8.66 -0.36 0.00	7.34 -0.28 0.00	7.20 -0.28 0.00	10.13 -0.49 0.00	10.38 -0.57 0.00	14.62 -0.80 0.00	11.36 -0.66 0.00	10.74 -0.64 0.00	10.12 -0.50 0.00	7.35 -0.27 0.00	6.24 -0.14 0.00
MILLIKEN___1 23584	11.62 0.16 -4.87	11.20 0.16 -4.54	11.76 0.17 -4.05	11.68 0.20 -3.93	7.88 0.07 -5.61	9.89 0.16 -5.06	14.32 0.34 -6.52	16.02 0.40 -6.97	17.61 0.46 -6.34	16.33 0.45 -5.25	16.31 0.45 -5.21	17.61 0.53 -4.13	15.55 0.40 -4.52	13.97 0.32 -4.63	12.47 0.26 -4.59	12.52 0.25 -4.79	15.56 0.39 -4.54	18.38 0.45 -6.98	22.40 0.66 -6.32	18.69 0.52 -6.15	16.70 0.51 -4.81	15.37 0.44 -4.31	12.44 0.27 -4.56	10.97 0.18 -4.41
MILLIKEN___2 23585	11.62 0.16 -4.87	11.20 0.16 -4.54	11.76 0.17 -4.05	11.68 0.20 -3.93	7.88 0.07 -5.61	9.89 0.16 -5.06	14.32 0.34 -6.52	16.02 0.40 -6.97	17.61 0.46 -6.34	16.33 0.45 -5.25	16.31 0.45 -5.21	17.61 0.53 -4.13	15.55 0.40 -4.52	13.97 0.32 -4.63	12.47 0.26 -4.59	12.52 0.25 -4.79	15.56 0.39 -4.54	18.38 0.45 -6.98	22.40 0.66 -6.32	18.69 0.52 -6.15	16.70 0.51 -4.81	15.37 0.44 -4.31	12.44 0.27 -4.56	10.97 0.18 -4.41
MILLIKEN___DIESEL 23629	11.62 0.16 -4.87	11.20 0.16 -4.54	11.76 0.17 -4.05	11.68 0.20 -3.93	7.88 0.07 -5.61	9.89 0.16 -5.06	14.32 0.34 -6.52	16.02 0.40 -6.97	17.61 0.46 -6.34	16.33 0.45 -5.25	16.31 0.45 -5.21	17.61 0.53 -4.13	15.55 0.40 -4.52	13.97 0.32 -4.63	12.47 0.26 -4.59	12.52 0.25 -4.79	15.56 0.39 -4.54	18.38 0.45 -6.98	22.40 0.66 -6.32	18.69 0.52 -6.15	16.70 0.51 -4.81	15.37 0.44 -4.31	12.44 0.27 -4.56	10.97 0.18 -4.41
MILLSEAT___LFGE 323607	10.14 0.00 -3.54	9.78 -0.02 -3.30	10.46 -0.02 -2.95	10.43 0.02 -2.86	6.41 0.05 -4.15	8.57 0.15 -3.75	12.71 0.40 -4.85	14.17 0.44 -5.09	15.87 0.44 -4.63	14.94 0.47 -3.83	14.91 0.46 -3.80	16.41 0.48 -2.97	14.27 0.38 -3.26	12.69 0.29 -3.38	11.16 0.23 -3.31	11.15 0.22 -3.45	14.22 0.33 -3.27	16.27 0.19 -5.13	20.39 0.32 -4.65	16.77 0.23 -4.52	15.22 0.31 -3.54	14.13 0.34 -3.17	11.16 0.19 -3.35	9.65 0.03 -3.24
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.68 0.56 -23.52	28.98 0.55 -21.93	27.75 0.64 -19.57	27.20 0.65 -19.00	30.99 0.12 -28.67	30.82 0.28 -25.87	40.95 0.48 -33.00	42.91 0.65 -33.62	42.32 0.94 -30.58	36.81 0.88 -25.29	36.67 0.92 -25.10	33.96 1.10 -19.90	33.34 0.91 -21.80	32.11 0.78 -22.31	30.43 0.67 -22.13	31.23 0.66 -23.10	33.44 0.91 -21.91	47.28 0.95 -35.38	48.80 1.33 -32.06	44.34 1.08 -31.24	36.75 0.94 -24.43	33.43 0.91 -21.90	31.41 0.66 -23.13	29.29 0.53 -22.38
MODEL_CITY_ENERGY 24167	10.17 -0.17 -3.74	9.79 -0.19 -3.49	10.43 -0.22 -3.11	10.38 -0.19 -3.02	6.58 -0.01 -4.38	8.64 0.02 -3.95	12.72 0.14 -5.11	14.13 0.12 -5.36	15.73 0.05 -4.88	14.76 0.08 -4.03	14.75 0.10 -4.00	16.13 0.05 -3.13	14.10 0.04 -3.43	12.58 0.00 -3.56	11.10 0.00 -3.48	11.10 0.00 -3.63	14.05 -0.01 -3.44	16.14 -0.21 -5.40	20.05 -0.26 -4.89	16.55 -0.23 -4.76	14.98 -0.11 -3.72	13.95 -0.01 -3.34	11.10 -0.05 -3.52	9.62 -0.17 -3.41
MODERN_LFGE___ 323580	10.17 -0.17 -3.74	9.79 -0.19 -3.49	10.43 -0.22 -3.11	10.38 -0.19 -3.02	6.58 -0.01 -4.38	8.64 0.02 -3.95	12.72 0.14 -5.11	14.13 0.12 -5.36	15.73 0.05 -4.88	14.76 0.08 -4.03	14.75 0.10 -4.00	16.13 0.05 -3.13	14.10 0.04 -3.43	12.58 0.00 -3.56	11.10 0.00 -3.48	11.10 0.00 -3.63	14.05 -0.01 -3.44	16.14 -0.21 -5.40	20.05 -0.26 -4.89	16.55 -0.23 -4.76	14.98 -0.11 -3.72	13.95 -0.01 -3.34	11.10 -0.05 -3.52	9.62 -0.17 -3.41
MOHAWK_PAPER___DRP 24187	39.48 0.42 -32.46	37.17 0.41 -30.26	35.02 0.48 -27.01	34.24 0.47 -26.22	51.66 0.07 -49.38	49.37 0.14 -44.56	62.07 0.33 -54.28	64.43 0.30 -55.48	61.59 0.32 -50.47	52.70 0.33 -41.73	52.38 0.30 -41.43	46.18 0.39 -32.83	46.91 0.32 -35.96	46.08 0.25 -36.81	44.34 0.20 -36.52	45.79 0.21 -38.11	47.08 0.31 -36.15	69.43 0.31 -58.17	68.56 0.43 -52.71	63.67 0.29 -51.36	51.87 0.33 -40.17	46.91 0.28 -36.01	45.82 0.17 -38.03	43.28 0.10 -36.79
MONGAUP___HYD 23641	28.85 0.53 -21.73	27.27 0.51 -20.25	26.21 0.60 -18.08	25.71 0.61 -17.55	28.13 0.12 -25.80	28.24 0.28 -23.28	37.66 0.49 -29.71	39.52 0.64 -30.23	39.14 0.84 -27.50	34.15 0.77 -22.74	34.00 0.78 -22.57	31.78 0.93 -17.90	31.00 0.77 -19.60	29.73 0.65 -20.06	28.08 0.55 -19.90	28.78 0.54 -20.77	31.14 0.82 -19.70	43.51 0.70 -31.86	45.35 1.06 -28.86	40.98 0.84 -28.12	34.31 0.94 -22.00	31.24 0.90 -19.72	29.09 0.64 -20.83	27.03 0.50 -20.15
MONTAUK___DIESEL 23721	38.61 1.05 -30.96	37.51 1.03 -29.98	36.19 1.21 -27.44	36.20 1.22 -27.42	37.44 0.29 -34.95	38.26 0.69 -32.90	42.31 1.25 -33.58	45.96 1.69 -35.63	45.82 2.28 -32.75	43.04 2.24 -30.16	44.94 2.22 -32.07	43.64 2.67 -28.02	41.39 2.12 -28.65	40.57 1.67 -29.88	40.29 1.39 -31.27	40.27 1.34 -31.46	45.86 1.95 -33.29	58.99 2.12 -45.91	69.22 2.98 -50.83	59.48 2.39 -45.07	48.75 2.12 -35.26	42.07 2.00 -29.45	40.11 1.40 -31.09	37.66 1.05 -30.23
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.18 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.62 1.06 -30.76	37.07 0.99 -25.44	36.94 1.03 -25.25	34.23 1.26 -20.02	33.60 1.04 -21.93	32.36 0.90 -22.44	30.67 0.78 -22.26	31.46 0.75 -23.23	33.69 1.03 -22.04	47.61 1.07 -35.59	49.14 1.48 -32.25	44.67 1.23 -31.42	36.99 1.05 -24.57	33.67 1.02 -22.03	31.64 0.75 -23.27	29.49 0.60 -22.51
MUNSVILLE_WIND_PWR 323609	14.45 0.32 -7.53	13.86 0.34 -7.02	14.20 0.40 -6.26	14.06 0.42 -6.08	10.77 0.14 -8.42	12.61 0.34 -7.60	17.75 0.69 -9.58	20.76 0.73 -11.39	22.04 0.89 -10.36	20.01 0.81 -8.56	19.91 0.76 -8.50	20.67 0.96 -6.76	18.84 0.81 -7.40	17.22 0.64 -7.55	15.68 0.53 -7.52	15.86 0.54 -7.84	18.91 0.85 -7.44	22.41 1.15 -10.31	26.47 1.71 -9.34	22.41 1.30 -9.09	19.72 1.23 -7.11	18.02 1.02 -6.38	14.98 0.62 -6.74	13.36 0.46 -6.52
N SALMON___HYD 24042	6.13 -0.47 0.00	6.05 -0.46 0.00	7.05 -0.49 0.00	7.02 -0.53 0.00	2.12 -0.09 0.00	4.46 -0.21 0.00	7.11 -0.36 0.00	8.18 -0.47 0.00	9.25 -0.63 0.92	10.03 -0.61 0.00	10.03 -0.62 0.00	12.27 -0.69 0.00	10.10 -0.53 0.00	8.56 -0.46 0.00	7.25 -0.37 0.00	7.11 -0.37 0.00	10.11 -0.51 0.00	10.46 -0.49 0.00	14.72 -0.69 0.00	11.43 -0.59 0.00	10.84 -0.53 0.00	10.13 -0.49 0.00	7.31 -0.31 0.00	6.23 -0.16 0.00



N.E_GEN_SANDY PD 24062	43.19 0.58 -36.01	41.51 0.57 -34.44	40.26 0.66 -32.06	40.01 0.67 -31.79	60.00 0.12 -57.67	65.00 0.27 -60.06	75.00 0.46 -67.08	85.00 0.60 -75.76	85.00 0.85 -73.35	57.06 0.81 -45.61	55.57 0.83 -44.09	54.05 1.01 -40.09	51.93 0.83 -40.47	52.10 0.70 -42.37	48.58 0.60 -40.35	50.65 0.59 -42.59	53.00 0.82 -41.56	67.26 0.84 -55.47	68.63 1.19 -52.03	66.83 0.95 -53.86	59.46 0.84 -47.24	53.87 0.81 -42.44	53.53 0.60 -45.31	53.00 0.48 -46.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.02 0.54 -22.88	28.36 0.53 -21.33	27.18 0.61 -19.04	26.66 0.63 -18.48	29.97 0.11 -27.64	29.89 0.27 -24.95	39.76 0.46 -31.83	41.69 0.63 -32.41	41.19 0.91 -29.48	35.87 0.85 -24.38	35.74 0.88 -24.20	33.20 1.06 -19.19	32.53 0.88 -21.01	31.29 0.76 -21.51	29.61 0.65 -21.34	30.38 0.63 -22.27	32.62 0.88 -21.12	45.99 0.92 -34.12	47.62 1.28 -30.92	43.19 1.05 -30.13	35.86 0.92 -23.56	32.64 0.89 -21.12	30.58 0.65 -22.31	28.48 0.52 -21.58
NARROWS_GT1_1 24228	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT1_2 24229	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT1_3 24230	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT1_4 24231	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT1_5 24232	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT1_6 24233	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT1_7 24234	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT1_8 24235	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT2_1 24236	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT2_2 24237	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT2_3 24238	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT2_4 24239	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT2_5 24240	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51

NARROWS_GT2_6 24241	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT2_7 24242	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NARROWS_GT2_8 24243	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.46 0.59 -26.27	31.56 0.57 -24.48	30.05 0.66 -21.85	29.46 0.69 -21.22	37.14 0.15 -34.78	36.38 0.32 -31.39	47.57 0.61 -39.49	49.62 0.74 -40.23	48.30 0.91 -36.60	41.73 0.82 -30.26	41.53 0.83 -30.04	37.66 0.89 -23.81	37.43 0.71 -26.08	36.31 0.60 -26.70	34.61 0.50 -26.48	35.60 0.49 -27.64	37.61 0.77 -26.22	54.15 0.88 -42.33	55.13 1.36 -38.36	50.44 1.05 -37.37	41.53 0.93 -29.23	37.68 0.86 -26.20	35.89 0.59 -27.67	33.60 0.45 -26.77
NEG CAPITAL___MECHNVIL 23645	40.67 0.67 -33.41	38.31 0.66 -31.14	36.09 0.76 -27.79	35.30 0.76 -26.99	53.88 0.16 -51.51	51.46 0.30 -46.48	64.22 0.63 -56.13	66.72 0.70 -57.37	63.89 0.91 -52.19	54.72 0.93 -43.16	54.38 0.88 -42.84	47.97 1.06 -33.96	48.67 0.85 -37.19	47.78 0.69 -38.07	45.95 0.56 -37.76	47.44 0.56 -39.41	48.82 0.82 -37.39	71.94 0.84 -60.15	71.11 1.19 -54.50	65.99 0.87 -53.11	53.81 0.90 -41.53	48.64 0.79 -37.24	47.50 0.55 -39.33	44.82 0.39 -38.04
NEG CENTRAL_HIGH_ACRES 23767	9.36 -0.13 -2.89	9.06 -0.14 -2.69	9.77 -0.17 -2.40	9.75 -0.14 -2.33	5.60 -0.02 -3.40	7.74 0.00 -3.07	11.55 0.09 -3.99	12.94 0.10 -4.19	14.70 0.09 -3.81	13.89 0.10 -3.15	13.89 0.11 -3.13	15.51 0.09 -2.46	13.38 0.05 -2.70	11.81 0.01 -2.78	10.36 0.00 -2.74	10.33 0.00 -2.86	13.35 0.02 -2.71	15.18 -0.01 -4.24	19.26 0.00 -3.85	15.75 -0.01 -3.74	14.31 0.01 -2.92	13.24 0.00 -2.62	10.35 -0.04 -2.77	8.95 -0.11 -2.68
NEG CENTRAL___DRP 24199	9.81 0.05 -3.16	9.49 0.04 -2.95	10.20 0.03 -2.63	10.17 0.06 -2.55	5.94 0.04 -3.70	8.11 0.10 -3.34	12.08 0.27 -4.34	13.53 0.32 -4.56	15.30 0.36 -4.15	14.44 0.36 -3.43	14.43 0.37 -3.41	16.07 0.43 -2.69	13.89 0.32 -2.94	12.29 0.24 -3.03	10.81 0.20 -2.99	10.78 0.19 -3.12	13.87 0.30 -2.96	15.89 0.32 -4.63	20.07 0.46 -4.19	16.45 0.36 -4.07	14.92 0.36 -3.19	13.78 0.31 -2.86	10.81 0.18 -3.02	9.38 0.08 -2.92
NEG CENTRAL___INDECK 23768	10.98 0.17 -4.21	10.58 0.16 -3.92	11.20 0.17 -3.50	11.16 0.21 -3.40	7.23 0.10 -4.91	9.38 0.27 -4.43	13.79 0.60 -5.72	15.37 0.72 -6.01	17.06 0.80 -5.46	15.96 0.80 -4.52	15.95 0.81 -4.48	17.38 0.91 -3.52	15.19 0.70 -3.86	13.57 0.56 -3.98	12.00 0.46 -3.92	12.01 0.45 -4.09	15.18 0.68 -3.88	17.67 0.65 -6.07	21.88 0.96 -5.50	18.13 0.76 -5.35	16.30 0.74 -4.19	15.02 0.65 -3.75	11.98 0.40 -3.96	10.44 0.22 -3.83
NEG CENTRAL___SENECA 23627	10.18 0.07 -3.52	9.84 0.06 -3.28	10.52 0.06 -2.93	10.49 0.09 -2.84	6.38 0.05 -4.12	8.53 0.14 -3.71	12.63 0.35 -4.81	14.12 0.41 -5.06	15.86 0.46 -4.60	14.91 0.47 -3.81	14.90 0.47 -3.78	16.46 0.53 -2.98	14.29 0.40 -3.26	12.69 0.32 -3.36	11.19 0.26 -3.31	11.17 0.25 -3.45	14.29 0.39 -3.28	16.47 0.39 -5.12	20.65 0.59 -4.64	16.99 0.46 -4.51	15.37 0.47 -3.53	14.19 0.40 -3.16	11.20 0.24 -3.34	9.74 0.12 -3.23
NEG CENTRAL___STATE_STREET 24147	9.77 0.10 -3.07	9.47 0.10 -2.87	10.20 0.11 -2.56	10.16 0.13 -2.48	5.85 0.05 -3.59	8.04 0.13 -3.24	11.98 0.29 -4.22	13.46 0.36 -4.45	15.26 0.41 -4.05	14.39 0.40 -3.35	14.37 0.39 -3.32	16.06 0.48 -2.63	13.86 0.35 -2.88	12.23 0.25 -2.95	10.75 0.21 -2.92	10.71 0.19 -3.05	13.81 0.30 -2.89	15.81 0.35 -4.51	20.01 0.51 -4.08	16.37 0.38 -3.97	14.88 0.41 -3.10	13.73 0.33 -2.78	10.75 0.19 -2.94	9.34 0.12 -2.84
NEG MILLWOOD___DRP 24198	31.53 0.63 -24.30	29.78 0.63 -22.65	28.48 0.73 -20.22	27.93 0.75 -19.63	32.51 0.15 -30.16	32.22 0.33 -27.21	42.68 0.58 -34.63	44.73 0.79 -35.29	44.00 1.10 -32.10	38.23 1.04 -26.55	38.07 1.07 -26.35	35.10 1.26 -20.89	34.51 1.00 -22.88	33.28 0.84 -23.42	31.57 0.71 -23.23	32.41 0.70 -24.24	34.63 1.01 -23.00	49.20 1.12 -37.13	50.65 1.59 -33.64	46.06 1.26 -32.78	38.13 1.12 -25.64	34.64 1.04 -22.98	32.63 0.74 -24.27	30.44 0.57 -23.48
NEG NORTH_FLCN_SEA 23793	6.06 -0.53 0.00	5.98 -0.52 0.00	6.96 -0.57 0.00	6.94 -0.61 0.00	1.22 -0.12 0.87	3.60 -0.29 0.78	7.00 -0.47 0.00	8.07 -0.58 0.00	9.29 -0.76 0.75	9.91 -0.73 0.00	9.92 -0.73 0.00	12.09 -0.87 0.00	9.95 -0.68 0.00	8.45 -0.57 0.00	7.15 -0.47 0.00	7.02 -0.46 0.00	10.01 -0.60 0.00	10.38 -0.57 0.00	14.63 -0.79 0.00	11.36 -0.66 0.00	10.76 -0.61 0.00	10.05 -0.57 0.00	7.25 -0.37 0.00	6.16 -0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	6.06 -0.54 0.00	5.98 -0.53 0.00	6.95 -0.59 0.00	6.93 -0.62 0.00	1.24 -0.12 0.85	3.62 -0.29 0.76	6.98 -0.49 0.00	8.05 -0.60 0.00	9.21 -0.79 0.80	9.87 -0.77 0.00	9.89 -0.77 0.00	12.05 -0.91 0.00	9.92 -0.71 0.00	8.43 -0.60 0.00	7.13 -0.50 0.00	7.00 -0.48 0.00	9.97 -0.65 0.00	10.34 -0.61 0.00	14.55 -0.86 0.00	11.31 -0.71 0.00	10.71 -0.66 0.00	10.00 -0.62 0.00	7.22 -0.40 0.00	6.14 -0.25 0.00
NEG NORTH___ALICE_FALLS 23915	6.07 -0.53 0.00	5.99 -0.51 0.00	6.97 -0.57 0.00	6.95 -0.60 0.00	1.22 -0.12 0.87	3.61 -0.28 0.78	7.01 -0.46 0.00	8.09 -0.55 0.00	9.30 -0.73 0.76	9.93 -0.71 0.00	9.94 -0.71 0.00	12.12 -0.83 0.00	9.98 -0.65 0.00	8.48 -0.54 0.00	7.18 -0.45 0.00	7.04 -0.43 0.00	10.06 -0.56 0.00	10.45 -0.50 0.00	14.71 -0.71 0.00	11.42 -0.60 0.00	10.83 -0.55 0.00	10.09 -0.53 0.00	7.27 -0.35 0.00	6.19 -0.19 0.00
NEG NORTH___LWR_SARANAC 23913	6.07 -0.53 0.00	5.99 -0.51 0.00	6.97 -0.57 0.00	6.95 -0.60 0.00	1.22 -0.12 0.87	3.61 -0.28 0.78	7.01 -0.46 0.00	8.09 -0.55 0.00	9.30 -0.73 0.76	9.93 -0.71 0.00	9.94 -0.71 0.00	12.12 -0.83 0.00	9.98 -0.65 0.00	8.48 -0.54 0.00	7.18 -0.45 0.00	7.04 -0.43 0.00	10.06 -0.56 0.00	10.45 -0.50 0.00	14.71 -0.71 0.00	11.42 -0.60 0.00	10.83 -0.55 0.00	10.09 -0.53 0.00	7.27 -0.35 0.00	6.19 -0.19 0.00

NEG NORTH___PLATTSBURG 23628	6.07 -0.53 0.00	5.99 -0.51 0.00	6.97 -0.57 0.00	6.95 -0.60 0.00	1.22 -0.12 0.87	3.61 -0.28 0.78	7.01 -0.46 0.00	8.09 -0.55 0.00	9.30 -0.73 0.76	9.93 -0.71 0.00	9.94 -0.71 0.00	12.12 -0.83 0.00	9.98 -0.65 0.00	8.48 -0.54 0.00	7.18 -0.45 0.00	7.04 -0.43 0.00	10.06 -0.56 0.00	10.45 -0.50 0.00	14.71 -0.71 0.00	11.42 -0.60 0.00	10.83 -0.55 0.00	10.09 -0.53 0.00	7.27 -0.35 0.00	6.19 -0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	10.19 -0.10 -3.69	9.83 -0.12 -3.44	10.47 -0.14 -3.07	10.43 -0.11 -2.98	6.55 0.02 -4.33	8.65 0.07 -3.91	12.76 0.24 -5.05	14.18 0.24 -5.30	15.82 0.20 -4.82	14.87 0.24 -3.98	14.85 0.25 -3.95	16.28 0.23 -3.09	14.21 0.19 -3.39	12.66 0.13 -3.51	11.16 0.10 -3.44	11.17 0.10 -3.59	14.16 0.14 -3.40	16.22 -0.07 -5.34	20.21 -0.05 -4.84	16.66 -0.06 -4.70	15.09 0.03 -3.68	14.06 0.14 -3.30	11.16 0.05 -3.48	9.66 -0.09 -3.37
NEG WEST___LANCASTR 23811	11.03 0.10 -4.33	10.62 0.08 -4.04	11.24 0.10 -3.60	11.18 0.13 -3.50	7.34 0.07 -5.05	9.44 0.21 -4.56	13.81 0.46 -5.88	15.34 0.53 -6.17	17.01 0.60 -5.61	15.93 0.65 -4.64	15.92 0.66 -4.60	17.26 0.71 -3.59	15.13 0.56 -3.93	13.56 0.44 -4.09	11.99 0.37 -3.99	12.01 0.37 -4.17	15.08 0.51 -3.95	17.47 0.32 -6.20	21.51 0.48 -5.62	17.82 0.34 -5.47	16.11 0.47 -4.27	14.97 0.52 -3.83	11.99 0.32 -4.05	10.44 0.14 -3.91
NEG_PENN_ALLEGHNY 23528	14.55 0.13 -7.82	13.92 0.13 -7.29	14.18 0.14 -6.50	14.03 0.17 -6.31	11.25 0.05 -8.99	12.91 0.13 -8.11	18.10 0.28 -10.36	19.92 0.33 -10.94	21.15 0.40 -9.96	19.27 0.39 -8.23	19.22 0.39 -8.17	19.96 0.47 -6.54	18.16 0.36 -7.16	16.57 0.29 -7.26	15.15 0.24 -7.27	15.30 0.24 -7.59	18.17 0.35 -7.20	22.50 0.34 -11.21	26.07 0.49 -10.16	22.31 0.40 -9.89	19.52 0.41 -7.74	17.94 0.38 -6.94	15.19 0.24 -7.33	13.62 0.15 -7.09
NEG___GEN_MONROE 24207	9.64 0.01 -3.03	9.31 -0.01 -2.82	10.01 -0.04 -2.52	9.97 -0.03 -2.44	5.80 0.02 -3.57	7.97 0.08 -3.22	11.92 0.27 -4.18	13.36 0.33 -4.39	15.12 0.34 -3.99	14.33 0.39 -3.30	14.33 0.40 -3.27	15.96 0.44 -2.57	13.78 0.34 -2.81	12.19 0.26 -2.91	10.70 0.21 -2.86	10.68 0.22 -2.98	13.79 0.34 -2.83	15.68 0.30 -4.43	19.82 0.39 -4.02	16.11 0.18 -3.91	14.61 0.18 -3.05	13.56 0.20 -2.74	10.61 0.10 -2.89	9.15 -0.03 -2.80
NEPA___ENERGY 23901	11.03 0.07 -4.36	10.63 0.06 -4.06	11.24 0.08 -3.63	11.19 0.11 -3.52	7.37 0.07 -5.09	9.46 0.20 -4.59	13.83 0.45 -5.92	15.35 0.50 -6.21	17.01 0.56 -5.65	15.92 0.61 -4.67	15.91 0.62 -4.64	17.20 0.63 -3.61	15.09 0.50 -3.96	13.54 0.40 -4.12	11.98 0.34 -4.02	11.99 0.32 -4.19	15.04 0.45 -3.98	17.43 0.24 -6.24	21.42 0.35 -5.65	17.76 0.24 -5.50	16.07 0.40 -4.30	14.94 0.47 -3.86	11.96 0.27 -4.07	10.44 0.12 -3.94
NEVERSINK___HYD 23608	28.55 0.52 -21.43	26.98 0.51 -19.97	25.95 0.59 -17.83	25.47 0.61 -17.31	27.95 0.12 -25.62	28.07 0.28 -23.12	37.47 0.59 -29.41	38.89 0.90 -29.34	38.65 1.17 -26.69	33.77 1.05 -22.07	33.63 1.07 -21.91	31.56 1.23 -17.37	30.65 0.99 -19.03	29.30 0.81 -19.47	27.62 0.68 -19.32	28.29 0.66 -20.16	30.73 0.99 -19.13	43.50 1.02 -31.53	45.52 1.53 -28.57	41.06 1.20 -27.84	34.20 1.06 -21.77	31.15 1.01 -19.52	28.97 0.73 -20.61	26.90 0.57 -19.94
NEWTON___FALLS_HYD 23847	6.45 -0.15 0.00	6.37 -0.13 0.00	7.40 -0.14 0.00	7.40 -0.15 0.00	2.21 0.00 0.00	4.69 0.01 0.00	7.54 0.07 0.00	8.66 0.02 0.00	12.34 0.00 -1.54	10.60 -0.04 0.00	10.56 -0.10 0.00	13.02 0.07 0.00	10.71 0.07 0.00	8.99 -0.04 0.00	7.60 -0.02 0.00	7.44 -0.03 0.00	10.52 -0.10 0.00	10.86 -0.09 0.00	15.33 -0.09 0.00	11.86 -0.16 0.00	11.21 -0.16 0.00	10.51 -0.11 0.00	7.57 -0.05 0.00	6.37 -0.01 0.00
NIAGARA_115E_LBMP 323715	10.16 -0.22 -3.78	9.79 -0.23 -3.52	10.41 -0.27 -3.14	10.36 -0.24 -3.05	6.61 -0.03 -4.42	8.65 -0.01 -3.99	12.71 0.08 -5.16	14.10 0.04 -5.41	15.69 -0.03 -4.92	14.71 0.00 -4.07	14.69 0.00 -4.04	16.05 -0.06 -3.16	14.05 -0.04 -3.46	12.54 -0.07 -3.59	11.08 -0.06 -3.51	11.08 -0.06 -3.66	14.00 -0.10 -3.48	16.09 -0.31 -5.45	19.96 -0.40 -4.94	16.49 -0.34 -4.80	14.91 -0.22 -3.76	13.89 -0.10 -3.37	11.08 -0.10 -3.56	9.61 -0.22 -3.44
NIAGARA_115W_LBMP 323714	10.10 -0.26 -3.76	9.73 -0.28 -3.51	10.34 -0.32 -3.13	10.30 -0.29 -3.04	6.58 -0.04 -4.41	8.60 -0.05 -3.98	12.62 0.01 -5.14	14.00 -0.04 -5.39	15.56 -0.14 -4.91	14.59 -0.11 -4.06	14.57 -0.11 -4.03	15.91 -0.19 -3.15	13.93 -0.15 -3.45	12.45 -0.15 -3.58	11.00 -0.13 -3.50	11.00 -0.13 -3.65	13.88 -0.20 -3.46	15.97 -0.42 -5.43	19.79 -0.55 -4.92	16.35 -0.46 -4.79	14.79 -0.33 -3.74	13.79 -0.19 -3.36	11.00 -0.17 -3.55	9.55 -0.27 -3.43
NIAGARA_230_LBMP 323716	10.16 -0.16 -3.72	9.79 -0.18 -3.46	10.43 -0.20 -3.09	10.39 -0.17 -3.00	6.56 -0.01 -4.36	8.63 0.02 -3.93	12.68 0.13 -5.08	14.07 0.10 -5.33	15.68 0.03 -4.85	14.71 0.06 -4.01	14.71 0.08 -3.98	16.08 0.01 -3.11	14.06 0.02 -3.41	12.55 -0.01 -3.54	11.08 0.00 -3.46	11.08 0.00 -3.61	14.02 -0.02 -3.42	16.09 -0.23 -5.37	19.99 -0.29 -4.86	16.50 -0.25 -4.73	14.94 -0.14 -3.70	13.93 -0.01 -3.32	11.08 -0.04 -3.50	9.61 -0.16 -3.39
NIAGARA____ 23760	10.13 -0.24 -3.77	9.76 -0.25 -3.51	10.38 -0.29 -3.13	10.34 -0.26 -3.04	6.60 -0.03 -4.42	8.62 -0.03 -3.98	12.67 0.06 -5.14	14.05 0.03 -5.38	15.64 -0.05 -4.90	14.67 -0.02 -4.05	14.65 -0.02 -4.02	16.00 -0.09 -3.14	14.00 -0.07 -3.44	12.51 -0.09 -3.57	11.04 -0.08 -3.50	11.04 -0.08 -3.65	13.95 -0.13 -3.46	16.05 -0.32 -5.42	19.91 -0.42 -4.91	16.45 -0.35 -4.77	14.88 -0.23 -3.74	13.86 -0.12 -3.35	11.04 -0.12 -3.55	9.58 -0.24 -3.43
NINE_MILE_1 23575	8.00 -0.13 -1.53	7.80 -0.12 -1.42	8.66 -0.15 -1.27	8.64 -0.14 -1.23	4.04 -0.04 -1.87	6.28 -0.07 -1.69	9.60 -0.08 -2.22	10.88 -0.09 -2.32	12.79 -0.12 -2.11	12.27 -0.12 -1.74	12.27 -0.12 -1.73	14.18 -0.14 -1.37	12.00 -0.13 -1.50	10.43 -0.13 -1.54	9.04 -0.11 -1.52	8.96 -0.10 -1.59	11.99 -0.14 -1.51	13.16 -0.15 -2.37	17.36 -0.20 -2.14	13.95 -0.16 -2.09	12.87 -0.14 -1.63	11.94 -0.14 -1.46	9.05 -0.11 -1.54	7.76 -0.12 -1.49
NINE_MILE_2 23744	8.00 -0.13 -1.52	7.80 -0.12 -1.42	8.65 -0.15 -1.27	8.64 -0.14 -1.23	4.03 -0.04 -1.86	6.28 -0.07 -1.68	9.60 -0.08 -2.21	10.87 -0.09 -2.31	12.78 -0.12 -2.10	12.26 -0.12 -1.74	12.26 -0.12 -1.73	14.18 -0.14 -1.37	12.00 -0.13 -1.50	10.44 -0.12 -1.53	9.04 -0.11 -1.52	8.95 -0.10 -1.58	11.98 -0.14 -1.50	13.16 -0.15 -2.36	17.36 -0.20 -2.14	13.95 -0.16 -2.08	12.87 -0.14 -1.63	11.94 -0.14 -1.46	9.05 -0.11 -1.54	7.75 -0.12 -1.49
NM_CAPITAL___DRP 24208	39.15 0.37 -32.18	36.86 0.36 -30.00	34.73 0.42 -26.78	33.96 0.42 -26.00	51.02 0.05 -48.75	48.76 0.10 -43.99	61.43 0.26 -53.70	63.75 0.22 -54.89	60.91 0.18 -49.93	52.11 0.18 -41.29	51.80 0.16 -40.98	45.66 0.22 -32.48	46.39 0.18 -35.58	45.58 0.14 -36.42	43.86 0.11 -36.13	45.29 0.11 -37.70	46.56 0.17 -35.77	68.66 0.15 -57.56	67.79 0.22 -52.15	62.97 0.13 -50.81	51.28 0.16 -39.74	46.39 0.14 -35.63	45.32 0.07 -37.63	42.81 0.03 -36.40

NM_CENTRAL___DRP 24181	8.73 0.03 -2.09	8.48 0.03 -1.95	9.30 0.02 -1.74	9.28 0.04 -1.69	4.63 0.02 -2.41	6.89 0.05 -2.17	10.54 0.14 -2.93	11.90 0.19 -3.07	13.82 0.23 -2.79	13.17 0.22 -2.31	13.17 0.22 -2.29	15.04 0.27 -1.81	12.81 0.19 -1.99	11.20 0.14 -2.04	9.76 0.11 -2.02	9.68 0.10 -2.10	12.78 0.17 -2.00	14.26 0.19 -3.13	18.53 0.28 -2.83	14.98 0.23 -2.73	13.73 0.22 -2.14	12.70 0.17 -1.92	9.73 0.09 -2.02	8.39 0.05 -1.96
NM_FRONTIER___DRP 24179	10.10 -0.26 -3.76	9.73 -0.28 -3.51	10.34 -0.32 -3.13	10.30 -0.29 -3.04	6.58 -0.04 -4.41	8.60 -0.05 -3.98	12.62 0.01 -5.14	14.00 -0.04 -5.39	15.56 -0.14 -4.91	14.59 -0.11 -4.06	14.57 -0.11 -4.03	15.91 -0.19 -3.15	13.93 -0.15 -3.45	12.45 -0.15 -3.58	11.00 -0.13 -3.50	11.00 -0.13 -3.65	13.88 -0.20 -3.46	15.97 -0.42 -5.43	19.79 -0.55 -4.92	16.35 -0.46 -4.79	14.79 -0.33 -3.74	13.79 -0.19 -3.36	11.00 -0.17 -3.55	9.55 -0.27 -3.43
NM_ST_REGIS___HYD 24053	6.20 -0.40 0.00	6.12 -0.38 0.00	7.13 -0.41 0.00	7.11 -0.45 0.00	2.15 -0.06 0.00	4.54 -0.14 0.00	7.22 -0.25 0.00	8.25 -0.40 0.00	9.04 -0.54 1.22	10.12 -0.52 0.00	10.11 -0.54 0.00	12.46 -0.49 0.00	10.25 -0.38 0.00	8.63 -0.39 0.00	7.32 -0.31 0.00	7.17 -0.30 0.00	10.12 -0.50 0.00	10.39 -0.56 0.00	14.65 -0.77 0.00	11.37 -0.65 0.00	10.76 -0.61 0.00	10.12 -0.50 0.00	7.35 -0.27 0.00	6.24 -0.15 0.00
NORTHPORT___1 23551	38.30 0.73 -30.97	37.22 0.73 -29.98	35.84 0.86 -27.45	35.84 0.87 -27.42	37.34 0.18 -34.95	38.00 0.42 -32.90	41.75 0.70 -33.58	45.20 0.93 -35.63	44.82 1.27 -32.75	42.01 1.21 -30.16	43.96 1.24 -32.07	42.48 1.50 -28.02	40.47 1.19 -28.65	39.91 1.01 -29.88	39.77 0.87 -31.27	39.77 0.84 -31.46	45.09 1.18 -33.29	58.11 1.25 -45.91	67.99 1.74 -50.83	58.51 1.42 -45.08	47.89 1.25 -35.26	41.30 1.23 -29.45	39.62 0.91 -31.09	37.34 0.73 -30.23
NORTHPORT___2 23552	38.30 0.73 -30.97	37.22 0.73 -29.98	35.84 0.86 -27.45	35.84 0.87 -27.42	37.34 0.18 -34.95	38.00 0.42 -32.90	41.75 0.70 -33.58	45.20 0.93 -35.63	44.82 1.27 -32.75	42.01 1.21 -30.16	43.96 1.24 -32.07	42.48 1.50 -28.02	40.47 1.19 -28.65	39.91 1.01 -29.88	39.77 0.87 -31.27	39.77 0.84 -31.46	45.09 1.18 -33.29	58.11 1.25 -45.91	67.99 1.74 -50.83	58.51 1.42 -45.08	47.89 1.25 -35.26	41.30 1.23 -29.45	39.62 0.91 -31.09	37.34 0.73 -30.23
NORTHPORT___3 23553	38.31 0.75 -30.97	37.25 0.77 -29.98	35.87 0.89 -27.45	35.87 0.90 -27.42	37.35 0.19 -34.95	38.00 0.43 -32.90	41.70 0.65 -33.58	45.14 0.86 -35.63	44.76 1.21 -32.75	41.95 1.15 -30.16	43.91 1.18 -32.07	42.40 1.42 -28.02	40.45 1.17 -28.65	39.92 1.02 -29.88	39.78 0.88 -31.27	39.78 0.85 -31.46	45.07 1.17 -33.29	58.08 1.22 -45.91	67.94 1.70 -50.83	58.46 1.37 -45.07	47.84 1.21 -35.26	41.25 1.18 -29.45	39.58 0.87 -31.09	37.36 0.75 -30.23
NORTHPORT___4 23650	38.31 0.75 -30.97	37.25 0.77 -29.98	35.87 0.89 -27.45	35.87 0.90 -27.42	37.35 0.19 -34.95	38.00 0.43 -32.90	41.70 0.65 -33.58	45.14 0.86 -35.63	44.76 1.21 -32.75	41.95 1.15 -30.16	43.91 1.18 -32.07	42.40 1.42 -28.02	40.45 1.17 -28.65	39.92 1.02 -29.88	39.78 0.88 -31.27	39.78 0.85 -31.46	45.07 1.17 -33.29	58.08 1.22 -45.91	67.94 1.70 -50.83	58.46 1.37 -45.07	47.84 1.21 -35.26	41.25 1.18 -29.45	39.58 0.87 -31.09	37.36 0.75 -30.23
NORTHPORT___IC 23718	38.30 0.73 -30.97	37.22 0.73 -29.98	35.84 0.86 -27.45	35.84 0.87 -27.42	37.34 0.18 -34.95	38.00 0.42 -32.90	41.75 0.70 -33.58	45.20 0.93 -35.63	44.82 1.27 -32.75	42.01 1.21 -30.16	43.96 1.24 -32.07	42.48 1.50 -28.02	40.47 1.19 -28.65	39.91 1.01 -29.88	39.77 0.87 -31.27	39.77 0.84 -31.46	45.09 1.18 -33.29	58.11 1.25 -45.91	67.99 1.74 -50.83	58.51 1.42 -45.08	47.89 1.25 -35.26	41.30 1.23 -29.45	39.62 0.91 -31.09	37.34 0.73 -30.23
NPX_GEN_1385_PROXY 323591	38.30 0.73 -30.97	37.20 0.72 -29.98	35.84 0.86 -27.45	35.84 0.87 -27.42	37.34 0.18 -34.95	38.00 0.42 -32.90	41.87 0.82 -33.58	45.34 1.06 -35.63	44.91 1.36 -32.75	42.06 1.26 -30.16	44.05 1.32 -32.07	42.57 1.59 -28.02	40.47 1.19 -28.65	39.91 1.01 -29.88	39.77 0.87 -31.27	39.74 0.81 -31.46	45.13 1.22 -33.29	58.20 1.34 -45.91	68.10 1.85 -50.83	58.55 1.45 -45.08	47.98 1.34 -35.26	41.40 1.33 -29.45	39.70 0.99 -31.09	37.34 0.73 -30.23
NPX_GEN_CSC 323557	38.28 0.71 -30.96	37.18 0.70 -29.98	35.80 0.82 -27.44	35.81 0.84 -27.42	37.33 0.17 -34.95	38.02 0.44 -32.90	41.88 0.83 -33.58	45.36 1.08 -35.63	45.03 1.48 -32.75	42.28 1.48 -30.16	44.16 1.44 -32.07	42.75 1.77 -28.02	40.69 1.41 -28.65	39.99 1.09 -29.88	39.83 0.93 -31.27	39.79 0.86 -31.46	45.16 1.25 -33.29	58.26 1.40 -45.91	68.23 1.99 -50.83	58.71 1.62 -45.07	48.07 1.43 -35.26	41.46 1.39 -29.45	39.73 1.02 -31.09	37.36 0.75 -30.23
NSINS_S_GLNS_FALLS 23858	40.97 0.69 -33.69	38.57 0.67 -31.40	36.34 0.78 -28.03	35.54 0.78 -27.21	54.52 0.17 -52.14	52.04 0.31 -47.05	64.91 0.66 -56.78	67.44 0.75 -58.04	64.60 1.00 -52.80	55.35 1.04 -43.66	54.97 0.98 -43.34	48.47 1.17 -34.35	49.18 0.92 -37.63	48.29 0.76 -38.51	46.42 0.60 -38.20	47.94 0.60 -39.87	49.27 0.83 -37.82	72.64 0.84 -60.85	71.74 1.19 -55.13	66.58 0.84 -53.72	54.36 0.97 -42.02	49.10 0.82 -37.67	47.99 0.59 -39.78	45.26 0.40 -38.48
NUCOR_STEEL___DRP 24197	9.64 0.09 -2.94	9.34 0.09 -2.74	10.08 0.10 -2.45	10.05 0.12 -2.38	5.69 0.05 -3.44	7.89 0.12 -3.10	11.78 0.26 -4.05	13.24 0.32 -4.27	15.05 0.37 -3.89	14.20 0.35 -3.21	14.19 0.35 -3.19	15.90 0.43 -2.52	13.70 0.31 -2.76	12.08 0.23 -2.83	10.60 0.18 -2.80	10.56 0.16 -2.93	13.65 0.25 -2.78	15.58 0.31 -4.33	19.77 0.43 -3.92	16.16 0.34 -3.81	14.70 0.35 -2.98	13.57 0.29 -2.67	10.60 0.16 -2.82	9.21 0.10 -2.73
NYISO_LBMP_REFERENCE 24008	6.60 0.00 0.00	6.50 0.00 0.00	7.54 0.00 0.00	7.55 0.00 0.00	2.21 0.00 0.00	4.67 0.00 0.00	7.47 0.00 0.00	8.64 0.00 0.00	10.80 0.00 0.00	10.64 0.00 0.00	10.65 0.00 0.00	12.95 0.00 0.00	10.63 0.00 0.00	9.02 0.00 0.00	7.63 0.00 0.00	7.47 0.00 0.00	10.62 0.00 0.00	10.95 0.00 0.00	15.42 0.00 0.00	12.02 0.00 0.00	11.37 0.00 0.00	10.62 0.00 0.00	7.62 0.00 0.00	6.38 0.00 0.00
NYPA_BRENTWD____GT 24164	38.39 0.82 -30.96	37.29 0.81 -29.97	35.93 0.95 -27.44	35.94 0.97 -27.42	37.36 0.21 -34.95	38.06 0.49 -32.90	41.89 0.84 -33.58	45.37 1.09 -35.63	45.02 1.48 -32.75	42.22 1.43 -30.16	44.17 1.45 -32.07	42.72 1.75 -28.02	40.67 1.39 -28.64	40.06 1.16 -29.87	39.89 1.00 -31.27	39.90 0.97 -31.45	45.28 1.38 -33.28	58.29 1.43 -45.91	68.24 2.00 -50.82	58.71 1.62 -45.06	48.06 1.43 -35.25	41.50 1.43 -29.45	39.73 1.03 -31.08	37.42 0.81 -30.22
NYPA_GOWANUS____GT5 24156	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51

NYPA_GOWANUS____GT6 24157	30.95	29.22	27.99	27.44	31.19	31.03	41.22	43.21	42.63	37.08	36.95	34.25	33.65	32.40	30.70	31.50	33.72	47.70	49.27	44.76	37.05	33.75	31.72	29.57
	0.72	0.70	0.79	0.80	0.15	0.35	0.56	0.75	1.07	1.00	1.04	1.28	1.10	0.94	0.81	0.79	1.06	1.16	1.60	1.32	1.10	1.10	0.84	0.68
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
NYPA_HARLEM__RVR_GT1 24160	30.92	29.19	27.95	27.40	31.18	31.00	41.13	43.10	42.46	36.91	36.79	34.06	33.48	32.25	30.56	31.37	33.57	47.60	49.17	44.64	36.88	33.64	31.64	29.52
	0.69	0.66	0.76	0.76	0.15	0.31	0.48	0.65	0.91	0.83	0.89	1.09	0.92	0.79	0.68	0.67	0.91	1.07	1.51	1.21	0.94	1.00	0.76	0.63
	-23.63	-22.02	-19.66	-19.08	-28.83	-26.01	-33.19	-33.81	-30.76	-25.43	-25.25	-20.01	-21.92	-22.43	-22.26	-23.23	-22.04	-35.58	-32.24	-31.41	-24.57	-22.02	-23.26	-22.50
NYPA_HARLEM__RVR_GT2 24161	30.92	29.19	27.95	27.40	31.18	31.00	41.13	43.10	42.46	36.91	36.79	34.06	33.48	32.25	30.56	31.37	33.57	47.60	49.17	44.64	36.88	33.64	31.64	29.52
	0.69	0.66	0.76	0.76	0.15	0.31	0.48	0.65	0.91	0.83	0.89	1.09	0.92	0.79	0.68	0.67	0.91	1.07	1.51	1.21	0.94	1.00	0.76	0.63
	-23.63	-22.02	-19.66	-19.08	-28.83	-26.01	-33.19	-33.81	-30.76	-25.43	-25.25	-20.01	-21.92	-22.43	-22.26	-23.23	-22.04	-35.58	-32.24	-31.41	-24.57	-22.02	-23.26	-22.50
NYPA_KENT____GT 24152	30.91	29.20	27.96	27.42	31.19	31.02	41.21	43.21	42.63	37.08	36.95	34.25	33.64	32.40	30.70	31.50	33.72	47.66	49.22	44.72	37.04	33.73	31.70	29.55
	0.69	0.67	0.77	0.78	0.15	0.34	0.55	0.74	1.07	1.00	1.04	1.28	1.08	0.94	0.81	0.79	1.06	1.13	1.56	1.29	1.09	1.08	0.82	0.66
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
NYPA_POUCH1____GT 24155	30.95	29.22	27.99	27.44	31.19	31.02	41.20	43.19	42.59	37.04	36.90	34.19	33.60	32.36	30.67	31.47	33.69	47.66	49.24	44.74	37.01	33.73	31.71	29.57
	0.72	0.69	0.79	0.80	0.15	0.34	0.54	0.73	1.03	0.96	1.00	1.22	1.04	0.90	0.78	0.76	1.03	1.13	1.57	1.30	1.07	1.08	0.82	0.68
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
NYPA_VERNON____GT2 24162	30.89	29.18	27.94	27.39	31.18	31.02	41.20	43.20	42.63	37.09	36.95	34.25	33.64	32.40	30.70	31.49	33.72	47.64	49.17	44.69	37.01	33.71	31.68	29.53
	0.66	0.65	0.75	0.76	0.14	0.33	0.54	0.73	1.07	1.01	1.04	1.28	1.08	0.94	0.81	0.78	1.06	1.11	1.51	1.25	1.07	1.06	0.79	0.64
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
NYPA_VERNON____GT3 24163	30.89	29.18	27.94	27.39	31.18	31.02	41.20	43.20	42.63	37.09	36.95	34.25	33.64	32.40	30.70	31.49	33.72	47.64	49.17	44.69	37.01	33.71	31.68	29.53
	0.66	0.65	0.75	0.76	0.14	0.33	0.54	0.73	1.07	1.01	1.04	1.28	1.08	0.94	0.81	0.78	1.06	1.11	1.51	1.25	1.07	1.06	0.79	0.64
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
NYPA__ASTORIA_CC1 323568	30.89	29.17	27.94	27.39	31.18	31.02	41.19	43.18	42.61	37.08	36.95	34.25	33.63	32.39	30.69	31.49	33.71	47.62	49.14	44.68	37.01	33.70	31.68	29.53
	0.66	0.64	0.75	0.76	0.14	0.33	0.53	0.72	1.05	1.00	1.04	1.28	1.07	0.93	0.80	0.78	1.05	1.08	1.48	1.24	1.07	1.05	0.79	0.64
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
NYPA__ASTORIA_CC2 323569	30.89	29.17	27.94	27.39	31.18	31.02	41.19	43.18	42.61	37.08	36.95	34.25	33.63	32.39	30.69	31.49	33.71	47.62	49.14	44.68	37.01	33.70	31.68	29.53
	0.66	0.64	0.75	0.76	0.14	0.33	0.53	0.72	1.05	1.00	1.04	1.28	1.07	0.93	0.80	0.78	1.05	1.08	1.48	1.24	1.07	1.05	0.79	0.64
	-23.63	-22.02	-19.66	-19.09	-28.83	-26.02	-33.19	-33.82	-30.76	-25.44	-25.25	-20.02	-21.93	-22.44	-22.26	-23.23	-22.04	-35.59	-32.25	-31.42	-24.57	-22.03	-23.27	-22.51
NYPA__HOLTSVILL 23794	38.35	37.26	35.89	35.89	37.35	38.04	41.87	45.35	45.01	42.23	44.15	42.71	40.66	40.04	39.87	39.86	45.24	58.28	68.25	58.73	48.08	41.48	39.73	37.39
	0.78	0.77	0.90	0.91	0.20	0.47	0.82	1.07	1.47	1.43	1.43	1.74	1.38	1.14	0.97	0.93	1.34	1.42	2.00	1.63	1.44	1.41	1.02	0.79
	-30.97	-29.98	-27.44	-27.42	-34.95	-32.90	-33.58	-35.63	-32.75	-30.16	-32.07	-28.02	-28.65	-29.88	-31.27	-31.46	-33.29	-45.91	-50.83	-45.07	-35.26	-29.45	-31.09	-30.23
NYPA____HELLGATE_GT1 24158	30.92	29.19	27.95	27.40	31.18	31.00	41.13	43.10	42.46	36.91	36.79	34.06	33.48	32.25	30.56	31.37	33.57	47.60	49.17	44.64	36.88	33.64	31.64	29.52
	0.69	0.66	0.76	0.76	0.15	0.31	0.48	0.65	0.91	0.83	0.89	1.09	0.92	0.79	0.68	0.67	0.91	1.07	1.51	1.21	0.94	1.00	0.76	0.63
	-23.63	-22.02	-19.66	-19.08	-28.83	-26.01	-33.19	-33.81	-30.76	-25.43	-25.25	-20.01	-21.92	-22.43	-22.26	-23.23	-22.04	-35.58	-32.24	-31.41	-24.57	-22.02	-23.26	-22.50
NYPA____HELLGATE_GT2 24159	30.92	29.19	27.95	27.40	31.18	31.00	41.13	43.10	42.46	36.91	36.79	34.06	33.48	32.25	30.56	31.37	33.57	47.60	49.17	44.64	36.88	33.64	31.64	29.52
	0.69	0.66	0.76	0.76	0.15	0.31	0.48	0.65	0.91	0.83	0.89	1.09	0.92	0.79	0.68	0.67	0.91	1.07	1.51	1.21	0.94	1.00	0.76	0.63
	-23.63	-22.02	-19.66	-19.08	-28.83	-26.01	-33.19	-33.81	-30.76	-25.43	-25.25	-20.01	-21.92	-22.43	-22.26	-23.23	-22.04	-35.58	-32.24	-31.41	-24.57	-22.02	-23.26	-22.50
NYS_BARGE__HYD 23848	10.16	9.79	10.45	10.41	6.52	8.62	12.72	14.15	15.79	14.84	14.83	16.25	14.18	12.64	11.14	11.14	14.13	16.19	20.17	16.63	15.07	14.03	11.13	9.64
	-0.10	-0.12	-0.14	-0.11	0.02	0.07	0.24	0.25	0.22	0.24	0.26	0.23	0.19	0.14	0.11	0.10	0.14	-0.05	-0.05	-0.06	0.05	0.14	0.05	-0.09
	-3.66	-3.41	-3.05	-2.96	-4.29	-3.87	-5.01	-5.25	-4.78	-3.95	-3.92	-3.07	-3.36	-3.49	-3.41	-3.56	-3.38	-5.30	-4.80	-4.67	-3.65	-3.27	-3.46	-3.34
OAK_ORCHARD__HYD 24046	9.57	9.26	9.97	9.95	5.76	7.94	11.84	13.25	15.00	14.18	14.17	15.80	13.64	12.06	10.58	10.55	13.62	15.48	19.61	16.05	14.58	13.51	10.57	9.14
	-0.03	-0.04	-0.05	-0.02	0.02	0.08	0.23	0.27	0.26	0.28	0.28	0.30	0.22	0.16	0.13	0.13	0.20	0.14	0.22	0.17	0.18	0.18	0.09	-0.01
	-2.99	-2.79	-2.49	-2.42	-3.53	-3.19	-4.14	-4.34	-3.95	-3.27	-3.24	-2.54	-2.79	-2.88	-2.83	-2.95	-2.80	-4.39	-3.98	-3.87	-3.02	-2.71	-2.86	-2.77
OCC_CHEM__DRP 24175	10.13	9.76	10.39	10.34	6.60	8.62	12.66	14.05	15.62	14.65	14.63	15.98	13.99	12.49	11.04	11.04	13.94	16.03	19.85	16.42	14.85	13.84	11.04	9.58
	-0.24	-0.25	-0.29	-0.26	-0.03	-0.03	0.05	0.00	-0.09	-0.05	-0.05	-0.13	-0.10	-0.12	-0.09	-0.09	-0.15	-0.36	-0.49	-0.40	-0.27	-0.14	-0.13	-0.24
	-3.77	-3.51	-3.14	-3.05	-4.42	-3.99	-5.15	-5.40	-4.91	-4.06	-4.03	-3.15	-3.45	-3.58	-3.50	-3.66	-3.47	-5.44	-4.93	-4.79	-3.75	-3.36	-3.55	-3.43

OH_GEN_PROXY 24063	10.18 -0.15 -3.73	9.82 -0.16 -3.48	10.45 -0.19 -3.10	10.41 -0.16 -3.01	6.58 0.00 -4.37	8.64 0.02 -3.94	12.70 0.13 -5.10	14.10 0.10 -5.35	15.70 0.04 -4.86	14.75 0.08 -4.02	14.73 0.08 -3.99	16.11 0.04 -3.12	14.08 0.03 -3.41	12.57 0.00 -3.55	11.10 0.01 -3.47	11.10 0.01 -3.62	14.04 -0.01 -3.43	16.12 -0.21 -5.38	20.02 -0.28 -4.88	16.54 -0.23 -4.74	14.97 -0.11 -3.71	13.95 0.00 -3.33	11.10 -0.03 -3.51	9.63 -0.15 -3.40
OLIN_CORP_DRP 24177	10.22 -0.18 -3.81	9.84 -0.21 -3.55	10.47 -0.23 -3.17	10.42 -0.20 -3.07	6.65 -0.02 -4.46	8.70 0.00 -4.02	12.78 0.12 -5.20	14.18 0.09 -5.45	15.78 0.02 -4.96	14.79 0.05 -4.10	14.78 0.05 -4.07	16.13 0.00 -3.18	14.11 0.00 -3.48	12.61 -0.03 -3.62	11.14 -0.02 -3.54	11.14 -0.02 -3.69	14.07 -0.05 -3.50	16.19 -0.25 -5.49	20.05 -0.34 -4.97	16.58 -0.28 -4.84	15.00 -0.16 -3.78	13.97 -0.04 -3.39	11.14 -0.06 -3.58	9.66 -0.19 -3.47
OLIN_CORP_DSASP 323712	10.13 -0.24 -3.77	9.76 -0.25 -3.51	10.39 -0.29 -3.14	10.34 -0.26 -3.05	6.60 -0.03 -4.42	8.62 -0.03 -3.99	12.66 0.05 -5.15	14.05 0.00 -5.40	15.62 -0.09 -4.91	14.65 -0.05 -4.06	14.63 -0.05 -4.03	15.98 -0.13 -3.15	13.99 -0.10 -3.45	12.49 -0.12 -3.58	11.04 -0.09 -3.50	11.04 -0.09 -3.66	13.94 -0.15 -3.47	16.03 -0.36 -5.44	19.85 -0.49 -4.93	16.42 -0.40 -4.79	14.85 -0.27 -3.75	13.84 -0.14 -3.36	11.04 -0.13 -3.55	9.58 -0.24 -3.43
ONEIDA_HERK_LFGE 323681	6.78 0.18 0.00	6.69 0.19 0.00	7.76 0.22 0.00	7.78 0.23 0.00	2.28 0.07 0.00	4.84 0.17 0.00	7.84 0.37 0.00	9.09 0.44 0.00	11.66 0.56 -0.31	11.14 0.50 0.00	11.11 0.46 0.00	13.58 0.62 0.00	11.15 0.52 0.00	9.40 0.38 0.00	7.93 0.31 0.00	7.77 0.29 0.00	11.08 0.46 0.00	11.48 0.53 0.00	16.19 0.77 0.00	12.57 0.55 0.00	11.87 0.50 0.00	11.04 0.43 0.00	7.88 0.26 0.00	6.58 0.20 0.00
ONONDAGA_REF_OCCRA 23987	9.27 0.05 -2.62	9.00 0.05 -2.44	9.77 0.05 -2.18	9.74 0.07 -2.12	5.27 0.03 -3.03	7.48 0.07 -2.74	11.26 0.17 -3.62	12.67 0.22 -3.81	14.54 0.28 -3.46	13.77 0.27 -2.86	13.77 0.28 -2.84	15.53 0.32 -2.25	13.34 0.24 -2.46	11.74 0.19 -2.53	10.28 0.15 -2.50	10.23 0.14 -2.61	13.33 0.23 -2.48	15.08 0.25 -3.87	19.30 0.37 -3.51	15.72 0.30 -3.40	14.32 0.28 -2.66	13.24 0.23 -2.38	10.27 0.14 -2.52	8.90 0.08 -2.43
ONONDAGA___COGEN 23986	9.09 0.05 -2.45	8.82 0.04 -2.28	9.61 0.04 -2.04	9.59 0.06 -1.98	5.10 0.02 -2.86	7.32 0.07 -2.58	11.03 0.16 -3.40	12.43 0.22 -3.57	14.30 0.25 -3.25	13.56 0.23 -2.69	13.57 0.25 -2.67	15.36 0.30 -2.11	13.15 0.21 -2.31	11.56 0.16 -2.37	10.10 0.13 -2.35	10.05 0.13 -2.45	13.13 0.19 -2.32	14.82 0.23 -3.64	19.04 0.32 -3.29	15.47 0.25 -3.20	14.12 0.25 -2.50	13.06 0.20 -2.24	10.10 0.11 -2.37	8.74 0.06 -2.29
ONTARIO___LFGE 23819	10.18 0.07 -3.52	9.84 0.06 -3.28	10.52 0.06 -2.93	10.49 0.09 -2.84	6.38 0.05 -4.12	8.53 0.14 -3.71	12.63 0.35 -4.81	14.12 0.41 -5.06	15.86 0.46 -4.60	14.91 0.47 -3.81	14.90 0.47 -3.78	16.46 0.53 -2.98	14.29 0.40 -3.26	12.69 0.32 -3.36	11.19 0.26 -3.31	11.17 0.25 -3.45	14.29 0.39 -3.28	16.47 0.39 -5.12	20.65 0.59 -4.64	16.99 0.46 -4.51	15.37 0.47 -3.53	14.19 0.40 -3.16	11.20 0.24 -3.34	9.74 0.12 -3.23
ORANGEVILLE_WT_PWR 323706	11.10 -0.01 -4.52	10.69 -0.03 -4.21	11.27 -0.03 -3.76	11.20 0.00 -3.65	7.52 0.04 -5.27	9.55 0.13 -4.75	13.92 0.33 -6.12	15.44 0.37 -6.42	17.04 0.40 -5.84	15.91 0.44 -4.83	15.90 0.45 -4.80	17.18 0.47 -3.76	15.12 0.37 -4.12	13.56 0.28 -4.26	12.04 0.24 -4.18	12.07 0.23 -4.36	15.09 0.33 -4.14	17.60 0.16 -6.49	21.56 0.26 -5.88	17.92 0.18 -5.72	16.12 0.27 -4.47	14.93 0.30 -4.01	12.01 0.16 -4.23	10.49 0.01 -4.10
OSWEGATCHIE___HYD 24044	6.45 -0.15 0.00	6.37 -0.13 0.00	7.40 -0.14 0.00	7.40 -0.15 0.00	2.21 0.00 0.00	4.69 0.01 0.00	7.54 0.07 0.00	8.66 0.02 0.00	12.34 0.00 -1.54	10.60 -0.04 0.00	10.56 -0.10 0.00	13.02 0.07 0.00	10.71 0.07 0.00	8.99 -0.04 0.00	7.60 -0.02 0.00	7.44 -0.03 0.00	10.52 -0.10 0.00	10.86 -0.09 0.00	15.33 -0.09 0.00	11.86 -0.16 0.00	11.21 -0.16 0.00	10.51 -0.11 0.00	7.57 -0.05 0.00	6.37 -0.01 0.00
OSWEGO___5 23606	8.27 -0.08 -1.75	8.06 -0.08 -1.63	8.90 -0.10 -1.46	8.88 -0.09 -1.42	4.30 -0.02 -2.11	6.54 -0.04 -1.90	9.94 -0.01 -2.49	11.24 -0.01 -2.61	13.15 -0.02 -2.37	12.57 -0.03 -1.96	12.57 -0.03 -1.95	14.45 -0.04 -1.54	12.27 -0.04 -1.69	10.70 -0.05 -1.73	9.29 -0.05 -1.71	9.22 -0.04 -1.79	12.26 -0.05 -1.70	13.55 -0.07 -2.66	17.75 -0.08 -2.41	14.31 -0.06 -2.35	13.17 -0.05 -1.84	12.22 -0.05 -1.65	9.30 -0.06 -1.74	7.99 -0.08 -1.69
OSWEGO___6 23613	8.27 -0.08 -1.75	8.06 -0.08 -1.63	8.90 -0.10 -1.46	8.88 -0.09 -1.42	4.30 -0.02 -2.11	6.54 -0.04 -1.90	9.94 -0.01 -2.49	11.24 -0.01 -2.61	13.15 -0.02 -2.37	12.57 -0.03 -1.96	12.57 -0.03 -1.95	14.45 -0.04 -1.54	12.27 -0.04 -1.69	10.70 -0.05 -1.73	9.29 -0.05 -1.71	9.22 -0.04 -1.79	12.26 -0.05 -1.70	13.55 -0.07 -2.66	17.75 -0.08 -2.41	14.31 -0.06 -2.35	13.17 -0.05 -1.84	12.22 -0.05 -1.65	9.30 -0.06 -1.74	7.99 -0.08 -1.69
OUTOKUMPU-AB___DRP 24206	10.40 -0.04 -3.84	10.02 -0.07 -3.58	10.66 -0.07 -3.19	10.61 -0.05 -3.10	6.74 0.04 -4.49	8.84 0.12 -4.05	13.02 0.31 -5.24	14.48 0.35 -5.49	16.14 0.35 -5.00	15.16 0.38 -4.13	15.14 0.38 -4.10	16.56 0.40 -3.20	14.46 0.32 -3.51	12.90 0.23 -3.65	11.38 0.19 -3.56	11.38 0.19 -3.72	14.41 0.27 -3.53	16.55 0.07 -5.53	20.57 0.14 -5.01	16.97 0.07 -4.88	15.36 0.17 -3.81	14.29 0.25 -3.42	11.37 0.14 -3.61	9.85 -0.03 -3.49
OXBOW___ 24026	10.28 -0.13 -3.80	9.90 -0.15 -3.55	10.54 -0.17 -3.17	10.49 -0.14 -3.07	6.67 0.01 -4.45	8.74 0.05 -4.02	12.86 0.19 -5.19	14.28 0.19 -5.45	15.90 0.15 -4.96	14.93 0.19 -4.10	14.91 0.19 -4.07	16.31 0.18 -3.18	14.26 0.15 -3.48	12.73 0.09 -3.62	11.23 0.07 -3.53	11.23 0.07 -3.69	14.21 0.10 -3.50	16.33 -0.11 -5.49	20.27 -0.12 -4.97	16.74 -0.12 -4.84	15.13 -0.02 -3.78	14.09 0.08 -3.39	11.22 0.02 -3.58	9.73 -0.11 -3.46
OXY_CHEM_DSASP 323612	10.13 -0.24 -3.77	9.76 -0.25 -3.51	10.39 -0.29 -3.14	10.34 -0.26 -3.05	6.60 -0.03 -4.42	8.62 -0.03 -3.99	12.66 0.05 -5.15	14.05 0.00 -5.40	15.62 -0.09 -4.91	14.65 -0.05 -4.06	14.63 -0.05 -4.03	15.98 -0.13 -3.15	13.99 -0.10 -3.45	12.49 -0.12 -3.58	11.04 -0.09 -3.50	11.04 -0.09 -3.66	13.94 -0.15 -3.47	16.03 -0.36 -5.44	19.85 -0.49 -4.93	16.42 -0.40 -4.79	14.85 -0.27 -3.75	13.84 -0.14 -3.36	11.04 -0.13 -3.55	9.58 -0.24 -3.43
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	10.13 -0.24 -3.77	9.76 -0.25 -3.51	10.39 -0.29 -3.14	10.34 -0.26 -3.05	6.60 -0.03 -4.42	8.62 -0.03 -3.99	12.66 0.05 -5.15	14.05 0.00 -5.40	15.62 -0.09 -4.91	14.65 -0.05 -4.06	14.63 -0.05 -4.03	15.98 -0.13 -3.15	13.99 -0.10 -3.45	12.49 -0.12 -3.58	11.04 -0.09 -3.50	11.04 -0.09 -3.66	13.94 -0.15 -3.47	16.03 -0.36 -5.44	19.85 -0.49 -4.93	16.42 -0.40 -4.79	14.85 -0.27 -3.75	13.84 -0.14 -3.36	11.04 -0.13 -3.55	9.58 -0.24 -3.43

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.89 0.67 -23.63	29.17 0.64 -22.02	27.92 0.73 -19.66	27.38 0.74 -19.08	31.17 0.14 -28.83	30.99 0.30 -26.01	41.12 0.46 -33.19	43.09 0.63 -33.81	42.45 0.90 -30.76	36.89 0.82 -25.43	36.77 0.87 -25.25	34.03 1.06 -20.01	33.46 0.90 -21.92	32.23 0.78 -22.43	30.55 0.66 -22.26	31.36 0.66 -23.23	33.55 0.89 -22.04	47.58 1.05 -35.58	49.12 1.47 -32.24	44.61 1.18 -31.41	36.86 0.92 -24.57	33.61 0.97 -22.02	31.62 0.74 -23.26	29.49 0.61 -22.50
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.90 0.67 -23.63	29.17 0.64 -22.02	27.93 0.74 -19.66	27.38 0.74 -19.08	31.17 0.14 -28.83	30.98 0.30 -26.01	41.12 0.47 -33.19	43.09 0.63 -33.81	42.45 0.90 -30.76	36.89 0.82 -25.43	36.77 0.87 -25.25	34.03 1.06 -20.01	33.46 0.90 -21.92	32.24 0.78 -22.43	30.55 0.66 -22.26	31.36 0.66 -23.23	33.55 0.89 -22.04	47.58 1.05 -35.58	49.12 1.47 -32.24	44.61 1.18 -31.41	36.86 0.92 -24.57	33.61 0.97 -22.02	31.62 0.74 -23.26	29.50 0.61 -22.50
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.89 0.11 -4.19	10.49 0.08 -3.91	11.12 0.10 -3.49	11.07 0.13 -3.38	7.18 0.08 -4.89	9.30 0.22 -4.42	13.65 0.49 -5.70	15.18 0.56 -5.98	16.87 0.64 -5.44	15.82 0.68 -4.50	15.80 0.68 -4.46	17.19 0.75 -3.48	15.04 0.59 -3.81	13.46 0.48 -3.96	11.89 0.40 -3.87	11.91 0.40 -4.04	15.00 0.55 -3.83	17.31 0.35 -6.01	21.40 0.54 -5.45	17.70 0.38 -5.30	16.01 0.49 -4.14	14.88 0.54 -3.71	11.87 0.33 -3.92	10.33 0.15 -3.80
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.53 0.63 -24.30	29.78 0.63 -22.65	28.48 0.73 -20.22	27.93 0.75 -19.63	32.51 0.15 -30.16	32.22 0.33 -27.21	42.68 0.58 -34.63	44.73 0.79 -35.29	44.00 1.10 -32.10	38.23 1.04 -26.55	38.07 1.07 -26.35	35.10 1.26 -20.89	34.51 1.00 -22.88	33.28 0.84 -23.42	31.57 0.71 -23.23	32.41 0.70 -24.24	34.63 1.01 -23.00	49.20 1.12 -37.13	50.65 1.59 -33.64	46.06 1.26 -32.78	38.13 1.12 -25.64	34.64 1.04 -22.98	32.63 0.74 -24.27	30.44 0.57 -23.48
PEEKSKILL____ 23653	30.58 0.55 -23.43	28.89 0.55 -21.84	27.66 0.63 -19.49	27.13 0.65 -18.93	30.84 0.12 -28.51	30.68 0.28 -25.73	40.77 0.48 -32.83	42.74 0.65 -33.44	42.15 0.93 -30.42	36.68 0.88 -25.16	36.53 0.90 -24.97	33.84 1.09 -19.80	33.22 0.90 -21.68	31.99 0.78 -22.19	30.30 0.66 -22.02	31.10 0.65 -22.97	33.32 0.90 -21.80	47.09 0.94 -35.20	48.64 1.33 -31.89	44.16 1.07 -31.07	36.61 0.93 -24.30	33.31 0.90 -21.79	31.29 0.66 -23.01	29.17 0.52 -22.26
PGE MADISON____WINDPWR 24146	14.45 0.32 -7.53	13.86 0.34 -7.02	14.20 0.40 -6.26	14.06 0.42 -6.08	10.77 0.14 -8.42	12.61 0.34 -7.60	17.75 0.69 -9.58	20.76 0.73 -11.39	22.04 0.89 -10.36	20.01 0.81 -8.56	19.91 0.76 -8.50	20.67 0.96 -6.76	18.84 0.81 -7.40	17.22 0.64 -7.55	15.68 0.53 -7.52	15.86 0.54 -7.84	18.91 0.85 -7.44	22.41 1.15 -10.31	26.47 1.71 -9.34	22.41 1.30 -9.09	19.72 1.23 -7.11	18.02 1.02 -6.38	14.98 0.62 -6.74	13.36 0.46 -6.52
PIERCEFIELD____HYD 23852	6.23 -0.37 0.00	6.15 -0.35 0.00	7.17 -0.37 0.00	7.14 -0.41 0.00	2.17 -0.04 0.00	4.57 -0.10 0.00	7.27 -0.20 0.00	8.28 -0.36 0.00	9.01 -0.50 1.29	10.16 -0.48 0.00	10.13 -0.52 0.00	12.53 -0.43 0.00	10.30 -0.33 0.00	8.66 -0.36 0.00	7.34 -0.28 0.00	7.20 -0.28 0.00	10.13 -0.49 0.00	10.38 -0.57 0.00	14.62 -0.80 0.00	11.36 -0.66 0.00	10.74 -0.64 0.00	10.12 -0.50 0.00	7.35 -0.27 0.00	6.24 -0.14 0.00
PINELAWN_CC_1 323563	38.34 0.80 -30.95	37.25 0.79 -29.96	35.88 0.92 -27.42	35.88 0.93 -27.40	37.34 0.20 -34.93	38.02 0.46 -32.88	41.83 0.78 -33.58	45.29 1.02 -35.63	44.93 1.39 -32.74	42.13 1.34 -30.15	44.07 1.36 -32.05	42.60 1.65 -28.00	40.58 1.32 -28.63	39.99 1.11 -29.86	39.83 0.95 -31.25	39.83 0.93 -31.43	45.19 1.32 -33.26	58.22 1.39 -45.88	68.15 1.96 -50.78	58.63 1.57 -45.03	48.00 1.40 -35.23	41.41 1.36 -29.43	39.66 0.98 -31.07	37.36 0.77 -30.20
PJM_GEN_HTP_PROXY 323702	30.85 0.63 -23.63	29.14 0.61 -22.02	27.90 0.71 -19.66	27.36 0.72 -19.08	31.17 0.13 -28.83	31.01 0.32 -26.01	41.19 0.54 -33.19	43.19 0.73 -33.81	42.62 1.06 -30.76	37.08 1.00 -25.44	36.93 1.03 -25.25	34.23 1.26 -20.02	33.61 1.05 -21.92	32.37 0.91 -22.44	30.66 0.78 -22.26	31.47 0.76 -23.23	33.69 1.03 -22.04	47.61 1.07 -35.58	49.14 1.48 -32.24	44.66 1.23 -31.41	36.99 1.05 -24.57	33.66 1.02 -22.03	31.64 0.75 -23.26	29.49 0.60 -22.50
PJM_GEN_KEystone 24065	20.64 0.23 -13.81	19.60 0.23 -12.87	19.29 0.26 -11.49	18.99 0.29 -11.16	18.85 0.06 -16.58	19.80 0.17 -14.96	26.92 0.34 -19.11	28.63 0.41 -19.57	29.15 0.55 -17.80	25.92 0.55 -14.72	25.84 0.57 -14.61	25.14 0.65 -11.54	23.79 0.52 -12.64	22.44 0.43 -12.99	20.84 0.38 -12.83	21.23 0.37 -13.39	23.83 0.51 -12.70	31.78 0.42 -20.42	34.50 0.59 -18.50	29.94 0.48 -17.44	26.56 0.51 -14.67	23.78 0.53 -12.63	21.33 0.37 -13.34	19.54 0.24 -12.91
PJM_GEN_NEPTUNE_PROXY 323594	38.32 0.74 -30.98	37.22 0.73 -29.99	35.84 0.84 -27.46	35.84 0.85 -27.44	37.35 0.18 -34.96	38.00 0.41 -32.91	41.73 0.68 -33.59	45.18 0.90 -35.64	44.80 1.25 -32.75	42.00 1.19 -30.17	43.95 1.21 -32.08	42.47 1.48 -28.04	40.49 1.20 -28.66	39.94 1.03 -29.89	39.80 0.88 -31.29	39.80 0.86 -31.47	45.13 1.20 -33.31	58.13 1.25 -45.93	68.02 1.74 -50.86	58.52 1.41 -45.10	47.90 1.25 -35.28	41.29 1.21 -29.46	39.60 0.88 -31.10	37.33 0.71 -30.24
PJM_GEN_VFT_PROXY 323633	30.83 0.61 -23.63	29.12 0.60 -22.02	27.89 0.69 -19.66	27.34 0.70 -19.09	31.16 0.12 -28.83	31.00 0.31 -26.02	41.17 0.51 -33.19	43.16 0.70 -33.82	42.59 1.04 -30.76	37.05 0.97 -25.44	36.90 1.00 -25.25	34.20 1.23 -20.02	33.59 1.03 -21.92	32.36 0.90 -22.44	30.67 0.78 -22.26	31.46 0.75 -23.23	33.67 1.01 -22.04	47.57 1.04 -35.58	49.08 1.42 -32.24	44.63 1.19 -31.41	36.97 1.02 -24.57	33.64 1.00 -22.03	31.63 0.75 -23.26	29.48 0.59 -22.50
PLEASANTVLY____LBMP 24000	31.80 0.53 -24.67	30.01 0.52 -22.99	28.66 0.60 -20.52	28.10 0.62 -19.92	32.80 0.11 -30.48	32.44 0.26 -27.50	43.00 0.45 -35.08	45.01 0.60 -35.77	44.19 0.85 -32.54	38.36 0.81 -26.91	38.20 0.84 -26.71	35.14 1.01 -21.17	34.66 0.84 -23.19	33.47 0.71 -23.73	31.78 0.61 -23.55	32.64 0.60 -24.57	34.76 0.83 -23.31	49.43 0.86 -37.61	50.70 1.20 -34.08	46.20 0.97 -33.21	38.20 0.85 -25.97	34.73 0.83 -23.28	32.82 0.61 -24.59	30.66 0.48 -23.79
PLSNTVLE_13_KV_13KVDisA_REV_LBMP_I 345020	31.21 0.56 -24.06	29.48 0.55 -22.42	28.19 0.64 -20.01	27.63 0.65 -19.43	31.84 0.12 -29.51	31.58 0.28 -26.63	41.92 0.49 -33.97	43.91 0.65 -34.62	43.23 0.94 -31.49	37.57 0.88 -26.04	37.41 0.90 -25.85	34.55 1.10 -20.49	33.99 0.91 -22.44	32.78 0.78 -22.97	31.09 0.67 -22.79	31.91 0.66 -23.78	34.09 0.91 -22.56	48.33 0.96 -36.42	49.76 1.34 -33.00	45.24 1.07 -32.15	37.45 0.93 -25.15	34.07 0.90 -22.54	32.09 0.66 -23.81	29.94 0.52 -23.03
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.31 0.61 -25.10	30.49 0.59 -23.40	29.11 0.69 -20.88	28.53 0.70 -20.28	34.26 0.14 -31.92	33.78 0.31 -28.80	44.49 0.54 -36.49	46.55 0.72 -37.19	45.63 1.00 -33.83	39.56 0.95 -27.98	39.39 0.97 -27.77	36.12 1.15 -22.01	35.68 0.94 -24.11	34.49 0.79 -24.68	32.79 0.68 -24.48	33.68 0.66 -25.55	35.81 0.96 -24.24	51.08 1.02 -39.11	52.32 1.47 -35.44	47.71 1.15 -34.53	39.39 1.01 -27.01	35.81 0.98 -24.21	33.89 0.70 -25.57	31.68 0.56 -24.74

POLETTI____ 23519	30.85 0.62 -23.63	29.13 0.60 -22.02	27.90 0.70 -19.66	27.35 0.71 -19.09	31.17 0.13 -28.83	31.00 0.31 -26.02	41.17 0.52 -33.18	43.17 0.72 -33.81	42.59 1.04 -30.75	37.04 0.97 -25.43	36.91 1.01 -25.24	34.20 1.23 -20.02	33.59 1.03 -21.92	32.36 0.90 -22.44	30.67 0.78 -22.26	31.46 0.75 -23.23	33.68 1.02 -22.04	40.89 1.05 -28.89	43.74 1.45 -26.88	42.68 1.20 -29.45	36.96 1.02 -24.56	33.66 1.01 -22.03	31.63 0.75 -23.26	29.48 0.59 -22.50
PORT_JEFF_3 23555	38.36 0.80 -30.96	37.27 0.79 -29.98	35.90 0.92 -27.44	35.90 0.93 -27.42	37.36 0.20 -34.95	38.05 0.48 -32.90	41.89 0.84 -33.58	45.37 1.10 -35.63	45.05 1.50 -32.75	42.26 1.46 -30.16	44.18 1.46 -32.07	42.75 1.77 -28.02	40.70 1.42 -28.65	40.06 1.16 -29.88	39.90 1.00 -31.27	39.89 0.96 -31.46	45.28 1.37 -33.29	58.32 1.46 -45.91	68.29 2.05 -50.83	58.76 1.67 -45.07	48.12 1.49 -35.26	41.51 1.44 -29.45	39.75 1.04 -31.09	37.41 0.80 -30.23
PORT_JEFF_4 23616	38.36 0.80 -30.96	37.27 0.79 -29.98	35.90 0.92 -27.44	35.90 0.93 -27.42	37.36 0.20 -34.95	38.05 0.48 -32.90	41.89 0.84 -33.58	45.37 1.10 -35.63	45.05 1.50 -32.75	42.26 1.46 -30.16	44.18 1.46 -32.07	42.75 1.77 -28.02	40.70 1.42 -28.65	40.06 1.16 -29.88	39.90 1.00 -31.27	39.89 0.96 -31.46	45.28 1.37 -33.29	58.32 1.46 -45.91	68.29 2.05 -50.83	58.76 1.67 -45.07	48.12 1.49 -35.26	41.51 1.44 -29.45	39.75 1.04 -31.09	37.41 0.80 -30.23
PORT_JEFF_IC 23713	38.35 0.79 -30.96	37.26 0.78 -29.98	35.89 0.91 -27.44	35.89 0.92 -27.42	37.35 0.20 -34.95	38.05 0.48 -32.90	41.89 0.84 -33.58	45.38 1.11 -35.63	45.06 1.51 -32.75	42.27 1.47 -30.16	44.18 1.46 -32.07	42.77 1.80 -28.02	40.72 1.45 -28.64	40.08 1.18 -29.88	39.90 1.01 -31.27	39.89 0.96 -31.46	45.28 1.38 -33.28	58.31 1.45 -45.91	68.28 2.03 -50.82	58.75 1.66 -45.07	48.13 1.50 -35.26	41.52 1.45 -29.45	39.75 1.04 -31.09	37.41 0.80 -30.22
PPL PILGRIM_ST_GT1 24216	38.39 0.82 -30.96	37.29 0.81 -29.97	35.93 0.95 -27.44	35.94 0.97 -27.42	37.36 0.21 -34.95	38.06 0.49 -32.90	41.89 0.84 -33.58	45.37 1.09 -35.63	45.02 1.48 -32.75	42.22 1.43 -30.16	44.17 1.45 -32.07	42.72 1.75 -28.02	40.67 1.39 -28.64	40.06 1.16 -29.87	39.89 1.00 -31.27	39.90 0.97 -31.45	45.28 1.38 -33.28	58.29 1.43 -45.91	68.24 2.00 -50.82	58.71 1.62 -45.06	48.06 1.43 -35.25	41.50 1.43 -29.45	39.73 1.03 -31.08	37.42 0.81 -30.22
PPL PILGRIM_ST_GT2 24217	38.39 0.82 -30.96	37.29 0.81 -29.97	35.93 0.95 -27.44	35.94 0.97 -27.42	37.36 0.21 -34.95	38.06 0.49 -32.90	41.89 0.84 -33.58	45.37 1.09 -35.63	45.02 1.48 -32.75	42.22 1.43 -30.16	44.17 1.45 -32.07	42.72 1.75 -28.02	40.67 1.39 -28.64	40.06 1.16 -29.87	39.89 1.00 -31.27	39.90 0.97 -31.45	45.28 1.38 -33.28	58.29 1.43 -45.91	68.24 2.00 -50.82	58.71 1.62 -45.06	48.06 1.43 -35.25	41.50 1.43 -29.45	39.73 1.03 -31.08	37.42 0.81 -30.22
PPL_SHRM_GT3 24213	38.28 0.72 -30.96	37.18 0.70 -29.98	35.80 0.82 -27.44	35.81 0.84 -27.42	37.33 0.17 -34.95	38.02 0.44 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.27 1.47 -30.16	44.16 1.44 -32.07	42.75 1.77 -28.02	40.68 1.40 -28.65	39.98 1.08 -29.88	39.82 0.92 -31.27	39.79 0.86 -31.46	45.16 1.25 -33.29	58.27 1.41 -45.91	68.22 1.97 -50.83	58.71 1.62 -45.07	48.06 1.43 -35.26	41.46 1.39 -29.45	39.72 1.01 -31.09	37.36 0.75 -30.22
PPL_SHRM_GT4 24214	38.28 0.72 -30.96	37.18 0.70 -29.98	35.80 0.82 -27.44	35.81 0.84 -27.42	37.33 0.17 -34.95	38.02 0.44 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.27 1.47 -30.16	44.16 1.44 -32.07	42.75 1.77 -28.02	40.68 1.40 -28.65	39.98 1.08 -29.88	39.82 0.92 -31.27	39.79 0.86 -31.46	45.16 1.25 -33.29	58.27 1.41 -45.91	68.22 1.97 -50.83	58.71 1.62 -45.07	48.06 1.43 -35.26	41.46 1.39 -29.45	39.72 1.01 -31.09	37.36 0.75 -30.22
PROJECT____ORANGE 1 24174	8.76 0.03 -2.13	8.52 0.03 -1.98	9.33 0.02 -1.77	9.32 0.05 -1.72	4.68 0.02 -2.45	6.94 0.06 -2.21	10.59 0.15 -2.98	11.96 0.20 -3.12	13.87 0.24 -2.84	13.21 0.22 -2.35	13.22 0.23 -2.33	15.07 0.27 -1.84	12.84 0.19 -2.02	11.24 0.14 -2.07	9.79 0.11 -2.05	9.72 0.10 -2.14	12.82 0.17 -2.03	14.31 0.19 -3.18	18.58 0.28 -2.88	15.03 0.23 -2.78	13.76 0.22 -2.17	12.75 0.18 -1.95	9.78 0.10 -2.06	8.42 0.05 -1.99
PROJECT____ORANGE 2 24166	8.76 0.03 -2.13	8.52 0.03 -1.98	9.33 0.02 -1.77	9.32 0.05 -1.72	4.68 0.02 -2.45	6.94 0.06 -2.21	10.59 0.15 -2.98	11.96 0.20 -3.12	13.87 0.24 -2.84	13.21 0.22 -2.35	13.22 0.23 -2.33	15.07 0.27 -1.84	12.84 0.19 -2.02	11.24 0.14 -2.07	9.79 0.11 -2.05	9.72 0.10 -2.14	12.82 0.17 -2.03	14.31 0.19 -3.18	18.58 0.28 -2.88	15.03 0.23 -2.78	13.76 0.22 -2.17	12.75 0.18 -1.95	9.78 0.10 -2.06	8.42 0.05 -1.99
PYRITES____HYD 24023	6.30 -0.30 0.00	6.22 -0.29 0.00	7.24 -0.29 0.00	7.22 -0.33 0.00	2.20 -0.01 0.00	4.62 -0.05 0.00	7.37 -0.10 0.00	8.44 -0.21 0.00	9.26 -0.30 1.23	10.32 -0.32 0.00	10.29 -0.36 0.00	12.67 -0.29 0.00	10.43 -0.20 0.00	8.78 -0.24 0.00	7.43 -0.20 0.00	7.27 -0.20 0.00	10.27 -0.35 0.00	10.58 -0.37 0.00	14.91 -0.51 0.00	11.58 -0.44 0.00	10.94 -0.43 0.00	10.27 -0.35 0.00	7.43 -0.19 0.00	6.31 -0.07 0.00
RAMAPO____LBMP 323565	29.93 0.52 -22.82	28.28 0.51 -21.27	27.11 0.59 -18.98	26.58 0.60 -18.43	29.86 0.11 -27.54	29.78 0.26 -24.85	39.61 0.43 -31.71	41.52 0.59 -32.29	41.02 0.85 -29.37	35.74 0.81 -24.29	35.61 0.84 -24.11	33.08 1.01 -19.11	32.41 0.84 -20.94	31.17 0.72 -21.43	29.50 0.62 -21.26	30.26 0.61 -22.18	32.50 0.84 -21.05	45.81 0.86 -34.00	47.43 1.20 -30.81	43.02 0.99 -30.02	35.71 0.86 -23.48	32.51 0.85 -21.05	30.46 0.62 -22.23	28.38 0.49 -21.50
RANKINE____ 23646	10.68 0.01 -4.07	10.28 -0.01 -3.79	10.91 -0.02 -3.39	10.85 0.02 -3.29	7.01 0.05 -4.76	9.11 0.15 -4.29	13.37 0.37 -5.54	14.86 0.41 -5.81	16.52 0.43 -5.29	15.48 0.47 -4.37	15.46 0.47 -4.34	16.83 0.49 -3.39	14.74 0.39 -3.71	13.17 0.30 -3.86	11.64 0.24 -3.77	11.65 0.25 -3.93	14.69 0.34 -3.73	16.94 0.14 -5.85	20.95 0.23 -5.30	17.32 0.14 -5.16	15.66 0.25 -4.03	14.56 0.33 -3.62	11.62 0.18 -3.82	10.10 0.03 -3.69
RAVENSWOOD_GT2_1 24244	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.24 1.27 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD_GT2_2 24245	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.24 1.27 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51



RAVENSWOOD_GT2_3 24246	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.21 0.74 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.93	32.38 0.92 -22.44	30.67 0.79 -22.26	31.48 0.77 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.68 1.24 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD_GT2_4 24247	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.21 0.74 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.93	32.38 0.92 -22.44	30.67 0.79 -22.26	31.48 0.77 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.68 1.24 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD_GT3_1 24248	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.24 1.27 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.48 0.77 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD_GT3_2 24249	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.24 1.27 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.48 0.77 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD_GT3_3 24250	30.87 0.65 -23.63	29.16 0.63 -22.02	27.93 0.73 -19.66	27.38 0.74 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.22 0.56 -33.19	43.22 0.76 -33.82	42.65 1.09 -30.76	37.11 1.03 -25.44	36.97 1.07 -25.25	34.27 1.30 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.65 1.12 -35.59	49.19 1.53 -32.25	44.70 1.26 -31.42	37.03 1.08 -24.57	33.70 1.05 -22.03	31.66 0.78 -23.27	29.51 0.62 -22.51
RAVENSWOOD_GT3_4 24251	30.87 0.65 -23.63	29.16 0.63 -22.02	27.93 0.73 -19.66	27.38 0.74 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.22 0.56 -33.19	43.22 0.76 -33.82	42.65 1.09 -30.76	37.11 1.03 -25.44	36.97 1.07 -25.25	34.27 1.30 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.65 1.12 -35.59	49.19 1.53 -32.25	44.70 1.26 -31.42	37.03 1.08 -24.57	33.70 1.05 -22.03	31.66 0.78 -23.27	29.51 0.62 -22.51
RAVENSWOOD_GT_1 23729	30.89 0.66 -23.63	29.18 0.65 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.64 1.11 -35.59	49.17 1.51 -32.25	44.69 1.25 -31.42	37.01 1.07 -24.57	33.71 1.06 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
RAVENSWOOD_GT_10 24258	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.24 1.27 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD_GT_11 24259	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.24 1.27 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD_GT_4 24252	30.86 0.63 -23.63	29.14 0.61 -22.02	27.90 0.71 -19.66	27.36 0.72 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.21 0.74 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.23 1.26 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.64 0.75 -23.27	29.49 0.60 -22.51
RAVENSWOOD_GT_5 24254	30.86 0.63 -23.63	29.14 0.61 -22.02	27.90 0.71 -19.66	27.36 0.72 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.21 0.74 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.23 1.26 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.64 0.75 -23.27	29.49 0.60 -22.51
RAVENSWOOD_GT_6 24253	30.86 0.63 -23.63	29.14 0.61 -22.02	27.90 0.71 -19.66	27.36 0.72 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.21 0.74 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.23 1.26 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.64 0.75 -23.27	29.49 0.60 -22.51
RAVENSWOOD_GT_7 24255	30.86 0.63 -23.63	29.14 0.61 -22.02	27.90 0.71 -19.66	27.36 0.72 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.21 0.74 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.23 1.26 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.14 1.48 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.64 0.75 -23.27	29.49 0.60 -22.51
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.24 1.27 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD_GT_9 24257	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.01 0.32 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.94 1.03 -25.25	34.24 1.27 -20.02	33.61 1.05 -21.93	32.37 0.91 -22.44	30.67 0.79 -22.26	31.47 0.76 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.66 1.23 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51

RAVENSWOOD___1 23533	30.89 0.66 -23.63	29.18 0.65 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.64 1.11 -35.59	49.17 1.51 -32.25	44.69 1.25 -31.42	37.01 1.07 -24.57	33.71 1.06 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
RAVENSWOOD___2 23534	30.89 0.66 -23.63	29.18 0.65 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.64 1.11 -35.59	49.17 1.51 -32.25	44.69 1.25 -31.42	37.01 1.07 -24.57	33.71 1.06 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
RAVENSWOOD___3 23535	30.86 0.63 -23.63	29.15 0.62 -22.02	27.91 0.72 -19.66	27.36 0.73 -19.09	31.17 0.13 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.24 1.27 -20.02	33.62 1.06 -21.93	32.38 0.92 -22.44	30.67 0.79 -22.26	31.48 0.77 -23.23	33.70 1.04 -22.04	47.62 1.08 -35.59	49.16 1.50 -32.25	44.68 1.24 -31.42	37.00 1.06 -24.57	33.68 1.03 -22.03	31.65 0.76 -23.27	29.50 0.61 -22.51
RAVENSWOOD___4 23820	30.89 0.66 -23.63	29.18 0.65 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.64 1.11 -35.59	49.17 1.51 -32.25	44.69 1.25 -31.42	37.01 1.07 -24.57	33.71 1.06 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
RCPL_TRUST___DRP 24196	30.87 0.64 -23.63	29.15 0.62 -22.02	27.92 0.72 -19.66	27.37 0.73 -19.08	31.17 0.14 -28.83	31.02 0.33 -26.01	41.21 0.55 -33.19	43.21 0.75 -33.81	42.65 1.09 -30.76	37.10 1.02 -25.44	36.96 1.05 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.92	32.39 0.93 -22.44	30.68 0.79 -22.26	31.48 0.78 -23.23	33.71 1.05 -22.04	47.63 1.09 -35.58	49.17 1.51 -32.24	44.68 1.25 -31.41	37.01 1.07 -24.57	33.69 1.04 -22.03	31.65 0.77 -23.26	29.50 0.61 -22.50
RED___ROCHESTER 323720	9.61 0.03 -2.98	9.29 0.01 -2.77	10.02 0.01 -2.48	9.99 0.04 -2.40	5.76 0.04 -3.51	7.96 0.12 -3.17	11.90 0.31 -4.12	13.32 0.35 -4.32	15.09 0.37 -3.93	14.28 0.39 -3.25	14.27 0.39 -3.22	15.91 0.43 -2.53	13.73 0.33 -2.77	12.14 0.25 -2.86	10.65 0.21 -2.81	10.60 0.19 -2.94	13.71 0.31 -2.78	15.58 0.26 -4.37	19.76 0.39 -3.96	16.17 0.30 -3.84	14.68 0.30 -3.01	13.60 0.29 -2.70	10.63 0.16 -2.85	9.18 0.04 -2.75
RENSSELAER___COGEN 23796	38.67 0.35 -31.72	36.42 0.34 -29.57	34.33 0.40 -26.39	33.56 0.38 -25.63	49.96 0.05 -47.71	47.81 0.09 -43.05	60.44 0.24 -52.73	62.72 0.18 -53.89	59.96 0.14 -49.03	51.32 0.14 -40.54	51.01 0.12 -40.24	45.01 0.16 -31.90	45.70 0.13 -34.94	44.88 0.10 -35.76	43.18 0.08 -35.47	44.58 0.08 -37.02	45.87 0.13 -35.12	67.58 0.11 -56.52	66.79 0.15 -51.21	62.01 0.10 -49.90	50.53 0.13 -39.03	45.70 0.10 -34.99	44.62 0.05 -36.95	42.14 0.01 -35.75
REVERE_CPPR_DRP 24186	7.57 0.24 -0.73	7.43 0.25 -0.68	8.43 0.29 -0.61	8.44 0.29 -0.59	2.30 0.09 0.00	4.88 0.21 0.00	7.91 0.44 0.00	9.19 0.54 0.00	11.66 0.68 -0.19	11.27 0.63 0.00	11.24 0.59 0.00	13.70 0.75 0.00	11.26 0.63 0.00	9.50 0.48 0.00	8.02 0.40 0.00	7.85 0.38 0.00	11.21 0.59 0.00	11.64 0.69 0.00	16.41 0.99 0.00	12.77 0.75 0.00	12.06 0.68 0.00	11.19 0.57 0.00	7.98 0.36 0.00	6.65 0.27 0.00
RIVERBAY____ 323610	30.90 0.67 -23.63	29.17 0.64 -22.02	27.93 0.74 -19.66	27.38 0.74 -19.08	31.17 0.14 -28.83	30.98 0.30 -26.01	41.12 0.47 -33.19	43.09 0.63 -33.81	42.45 0.90 -30.76	36.89 0.82 -25.43	36.77 0.87 -25.25	34.03 1.06 -20.01	33.46 0.90 -21.92	32.24 0.78 -22.43	30.55 0.66 -22.26	31.36 0.66 -23.23	33.55 0.89 -22.04	47.58 1.05 -35.58	49.12 1.47 -32.24	44.61 1.18 -31.41	36.86 0.92 -24.57	33.61 0.97 -22.02	31.62 0.74 -23.26	29.50 0.61 -22.50
ROCHESTER_9_IC 23652	9.57 -0.01 -2.98	9.25 -0.03 -2.77	9.97 -0.04 -2.48	9.95 -0.01 -2.40	5.75 0.03 -3.51	7.93 0.09 -3.17	11.84 0.25 -4.12	13.25 0.28 -4.32	15.00 0.28 -3.93	14.20 0.31 -3.25	14.18 0.31 -3.22	15.81 0.32 -2.53	13.66 0.25 -2.77	12.08 0.19 -2.86	10.59 0.15 -2.81	10.55 0.14 -2.94	13.64 0.23 -2.78	15.48 0.16 -4.37	19.64 0.26 -3.96	16.06 0.19 -3.84	14.59 0.20 -3.01	13.53 0.21 -2.70	10.58 0.11 -2.85	9.14 0.00 -2.75
ROSETON___1 23587	30.92 0.50 -23.82	29.20 0.49 -22.20	27.93 0.57 -19.82	27.38 0.58 -19.24	31.42 0.11 -29.10	31.19 0.25 -26.26	41.41 0.43 -33.52	43.37 0.57 -34.16	42.69 0.82 -31.07	37.11 0.78 -25.69	36.97 0.81 -25.50	34.14 0.97 -20.22	33.57 0.80 -22.14	32.37 0.69 -22.66	30.70 0.59 -22.48	31.51 0.58 -23.46	33.68 0.80 -22.26	47.72 0.83 -35.94	49.15 1.17 -32.56	44.69 0.94 -31.73	37.02 0.83 -24.81	33.67 0.81 -22.25	31.70 0.59 -23.50	29.58 0.47 -22.73
ROSETON___2 23588	30.92 0.50 -23.82	29.20 0.49 -22.20	27.93 0.57 -19.82	27.38 0.58 -19.24	31.42 0.11 -29.10	31.19 0.25 -26.26	41.41 0.43 -33.52	43.37 0.57 -34.16	42.69 0.82 -31.07	37.11 0.78 -25.69	36.97 0.81 -25.50	34.14 0.97 -20.22	33.57 0.80 -22.14	32.37 0.69 -22.66	30.70 0.59 -22.48	31.51 0.58 -23.46	33.68 0.80 -22.26	47.72 0.83 -35.94	49.15 1.17 -32.56	44.69 0.94 -31.73	37.02 0.83 -24.81	33.67 0.81 -22.25	31.70 0.59 -23.50	29.58 0.47 -22.73
RUSSELL___1 23602	9.61 0.03 -2.98	9.29 0.01 -2.77	10.02 0.01 -2.48	9.99 0.04 -2.40	5.76 0.04 -3.51	7.96 0.12 -3.17	11.90 0.31 -4.12	13.32 0.35 -4.32	15.09 0.37 -3.93	14.28 0.39 -3.25	14.27 0.39 -3.22	15.91 0.43 -2.53	13.73 0.33 -2.77	12.14 0.25 -2.86	10.65 0.21 -2.81	10.60 0.19 -2.94	13.71 0.31 -2.78	15.58 0.26 -4.37	19.76 0.39 -3.96	16.17 0.30 -3.84	14.68 0.30 -3.01	13.60 0.29 -2.70	10.63 0.16 -2.85	9.18 0.04 -2.75
RUSSELL___2 23532	9.61 0.03 -2.98	9.29 0.01 -2.77	10.02 0.01 -2.48	9.99 0.04 -2.40	5.76 0.04 -3.51	7.96 0.12 -3.17	11.90 0.31 -4.12	13.32 0.35 -4.32	15.09 0.37 -3.93	14.28 0.39 -3.25	14.27 0.39 -3.22	15.91 0.43 -2.53	13.73 0.33 -2.77	12.14 0.25 -2.86	10.65 0.21 -2.81	10.60 0.19 -2.94	13.71 0.31 -2.78	15.58 0.26 -4.37	19.76 0.39 -3.96	16.17 0.30 -3.84	14.68 0.30 -3.01	13.60 0.29 -2.70	10.63 0.16 -2.85	9.18 0.04 -2.75
RUSSELL___3 23549	9.61 0.03 -2.98	9.29 0.01 -2.77	10.02 0.01 -2.48	9.99 0.04 -2.40	5.76 0.04 -3.51	7.96 0.12 -3.17	11.90 0.31 -4.12	13.32 0.35 -4.32	15.09 0.37 -3.93	14.28 0.39 -3.25	14.27 0.39 -3.22	15.91 0.43 -2.53	13.73 0.33 -2.77	12.14 0.25 -2.86	10.65 0.21 -2.81	10.60 0.19 -2.94	13.71 0.31 -2.78	15.58 0.26 -4.37	19.76 0.39 -3.96	16.17 0.30 -3.84	14.68 0.30 -3.01	13.60 0.29 -2.70	10.63 0.16 -2.85	9.18 0.04 -2.75

RUSSELL___4 23556	9.61 0.03 -2.98	9.29 0.01 -2.77	10.02 0.01 -2.48	9.99 0.04 -2.40	5.76 0.04 -3.51	7.96 0.12 -3.17	11.90 0.31 -4.12	13.32 0.35 -4.32	15.09 0.37 -3.93	14.28 0.39 -3.25	14.27 0.39 -3.22	15.91 0.43 -2.53	13.73 0.33 -2.77	12.14 0.25 -2.86	10.65 0.21 -2.81	10.60 0.19 -2.94	13.71 0.31 -2.78	15.58 0.26 -4.37	19.76 0.39 -3.96	16.17 0.30 -3.84	14.68 0.30 -3.01	13.60 0.29 -2.70	10.63 0.16 -2.85	9.18 0.04 -2.75
RUSSELL___STATION 23914	9.61 0.03 -2.98	9.29 0.01 -2.77	10.02 0.01 -2.48	9.99 0.04 -2.40	5.76 0.04 -3.51	7.96 0.12 -3.17	11.90 0.31 -4.12	13.32 0.35 -4.32	15.09 0.37 -3.93	14.28 0.39 -3.25	14.27 0.39 -3.22	15.91 0.43 -2.53	13.73 0.33 -2.77	12.14 0.25 -2.86	10.65 0.21 -2.81	10.60 0.19 -2.94	13.71 0.31 -2.78	15.58 0.26 -4.37	19.76 0.39 -3.96	16.17 0.30 -3.84	14.68 0.30 -3.01	13.60 0.29 -2.70	10.63 0.16 -2.85	9.18 0.04 -2.75
S SALMON___HYD 24043	8.23 0.02 -1.62	8.03 0.02 -1.51	8.90 0.02 -1.34	8.89 0.03 -1.30	4.03 0.02 -1.80	6.35 0.05 -1.63	9.58 0.31 -1.80	10.90 0.35 -1.91	13.33 0.42 -2.11	12.43 0.35 -1.44	12.42 0.34 -1.43	14.60 0.52 -1.13	12.28 0.41 -1.24	10.58 0.29 -1.27	9.12 0.24 -1.25	8.99 0.21 -1.31	12.18 0.32 -1.24	13.27 0.38 -1.94	17.75 0.57 -1.76	14.30 0.17 -2.12	13.23 0.20 -1.65	12.27 0.17 -1.48	9.27 0.08 -1.57	7.94 0.04 -1.52
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	10.46 -0.05 -3.92	10.08 -0.07 -3.65	10.71 -0.08 -3.26	10.67 -0.05 -3.17	6.82 0.03 -4.58	8.91 0.10 -4.14	13.09 0.28 -5.34	14.54 0.29 -5.60	16.18 0.28 -5.10	15.18 0.32 -4.22	15.16 0.32 -4.18	16.55 0.32 -3.27	14.48 0.27 -3.58	12.93 0.19 -3.72	11.42 0.16 -3.64	11.42 0.16 -3.79	14.43 0.21 -3.60	16.60 0.01 -5.64	20.58 0.05 -5.11	17.01 0.01 -4.97	15.38 0.11 -3.89	14.32 0.21 -3.49	11.41 0.11 -3.68	9.90 -0.04 -3.56
SELKIRK___I 23801	37.73 0.36 -30.78	35.54 0.35 -28.69	33.55 0.41 -25.61	32.81 0.40 -24.86	47.83 0.07 -45.56	45.92 0.14 -41.11	58.51 0.29 -50.75	60.78 0.28 -51.86	58.27 0.30 -47.18	49.94 0.29 -39.01	49.65 0.28 -38.72	43.98 0.34 -30.69	44.53 0.28 -33.62	43.66 0.23 -34.41	41.94 0.18 -34.13	43.28 0.18 -35.62	44.69 0.28 -33.79	65.61 0.26 -54.40	65.08 0.37 -49.29	60.32 0.28 -48.03	49.22 0.28 -37.56	44.54 0.24 -33.67	43.35 0.16 -35.57	40.89 0.10 -34.40
SELKIRK___II 23799	37.77 0.35 -30.82	35.58 0.34 -28.73	33.58 0.40 -25.65	32.85 0.40 -24.90	47.94 0.07 -45.66	46.01 0.13 -41.21	58.62 0.29 -50.87	60.90 0.28 -51.98	58.37 0.29 -47.28	50.03 0.29 -39.10	49.73 0.27 -38.81	44.05 0.34 -30.76	44.59 0.27 -33.69	43.72 0.22 -34.49	42.01 0.18 -34.21	43.36 0.18 -35.70	44.76 0.27 -33.87	65.73 0.26 -54.52	65.19 0.37 -49.40	60.42 0.26 -48.13	49.29 0.27 -37.65	44.61 0.24 -33.75	43.42 0.16 -35.65	40.97 0.10 -34.48
SENECA OSWGO___HYD 24041	8.49 -0.01 -1.91	8.27 -0.01 -1.78	9.10 -0.02 -1.59	9.09 -0.01 -1.54	4.46 0.00 -2.24	6.72 0.02 -2.02	10.22 0.11 -2.65	11.57 0.15 -2.77	13.57 0.16 -2.61	12.86 0.13 -2.09	12.85 0.13 -2.07	14.76 0.17 -1.64	12.53 0.11 -1.79	10.94 0.08 -1.84	9.51 0.06 -1.82	9.43 0.06 -1.90	12.52 0.10 -1.80	13.90 0.12 -2.83	18.15 0.17 -2.56	14.67 0.12 -2.53	13.49 0.14 -1.98	12.49 0.10 -1.77	9.54 0.05 -1.87	8.20 0.01 -1.81
SENECA___ENERGY 23797	9.71 -0.01 -3.12	9.39 -0.02 -2.91	10.10 -0.04 -2.60	10.06 -0.02 -2.52	5.87 0.01 -3.65	8.01 0.05 -3.29	11.93 0.18 -4.29	13.37 0.22 -4.51	15.14 0.24 -4.11	14.28 0.24 -3.40	14.30 0.28 -3.37	15.91 0.30 -2.66	13.76 0.21 -2.91	12.18 0.16 -3.00	10.71 0.13 -2.96	10.68 0.12 -3.09	13.75 0.20 -2.93	15.73 0.21 -4.57	19.89 0.32 -4.14	16.30 0.25 -4.03	14.77 0.25 -3.15	13.64 0.20 -2.82	10.70 0.10 -2.98	9.29 0.02 -2.88
SHOEMAKER___GT 23640	28.77 0.45 -21.73	27.19 0.44 -20.25	26.12 0.51 -18.08	25.62 0.52 -17.55	28.10 0.09 -25.80	28.18 0.22 -23.28	37.57 0.39 -29.71	39.39 0.52 -30.23	39.02 0.72 -27.50	34.06 0.68 -22.74	33.93 0.70 -22.57	31.69 0.84 -17.90	30.92 0.69 -19.60	29.67 0.59 -20.06	28.03 0.50 -19.90	28.73 0.49 -20.77	31.02 0.70 -19.70	43.53 0.72 -31.86	45.32 1.03 -28.86	40.97 0.83 -28.12	34.11 0.74 -22.00	31.06 0.72 -19.72	28.97 0.53 -20.83	26.94 0.41 -20.15
SHOREHAM_IC_1 23715	38.28 0.72 -30.96	37.18 0.70 -29.98	35.80 0.82 -27.44	35.81 0.84 -27.42	37.33 0.17 -34.95	38.02 0.44 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.27 1.47 -30.16	44.16 1.44 -32.07	42.75 1.77 -28.02	40.68 1.40 -28.65	39.98 1.08 -29.88	39.82 0.92 -31.27	39.79 0.86 -31.46	45.16 1.25 -33.29	58.27 1.41 -45.91	68.22 1.97 -50.83	58.71 1.62 -45.07	48.06 1.43 -35.26	41.46 1.39 -29.45	39.72 1.01 -31.09	37.36 0.75 -30.22
SHOREHAM_IC_2 23716	38.28 0.72 -30.96	37.18 0.70 -29.98	35.80 0.82 -27.44	35.81 0.84 -27.42	37.33 0.17 -34.95	38.02 0.44 -32.90	41.87 0.82 -33.58	45.35 1.07 -35.63	45.01 1.47 -32.75	42.27 1.47 -30.16	44.16 1.44 -32.07	42.75 1.77 -28.02	40.68 1.40 -28.65	39.98 1.08 -29.88	39.82 0.92 -31.27	39.79 0.86 -31.46	45.16 1.25 -33.29	58.27 1.41 -45.91	68.22 1.97 -50.83	58.71 1.62 -45.07	48.06 1.43 -35.26	41.46 1.39 -29.45	39.72 1.01 -31.09	37.36 0.75 -30.22
SISSONVILLE___ 23735	6.23 -0.37 0.00	6.15 -0.35 0.00	7.17 -0.37 0.00	7.14 -0.41 0.00	2.17 -0.04 0.00	4.57 -0.10 0.00	7.27 -0.20 0.00	8.28 -0.36 0.00	9.01 -0.50 1.29	10.16 -0.48 0.00	10.13 -0.52 0.00	12.53 -0.43 0.00	10.30 -0.33 0.00	8.66 -0.36 0.00	7.34 -0.28 0.00	7.20 -0.28 0.00	10.13 -0.49 0.00	10.38 -0.57 0.00	14.62 -0.80 0.00	11.36 -0.66 0.00	10.74 -0.64 0.00	10.12 -0.50 0.00	7.35 -0.27 0.00	6.24 -0.14 0.00
SITHE_IND_GS1 24169	8.02 -0.12 -1.54	7.82 -0.12 -1.44	8.67 -0.14 -1.28	8.66 -0.14 -1.24	4.06 -0.04 -1.88	6.30 -0.07 -1.70	9.63 -0.07 -2.24	10.90 -0.08 -2.34	12.82 -0.11 -2.13	12.29 -0.11 -1.76	12.29 -0.11 -1.75	14.20 -0.13 -1.38	12.03 -0.12 -1.51	10.47 -0.11 -1.55	9.06 -0.10 -1.53	8.98 -0.10 -1.60	12.01 -0.13 -1.52	13.19 -0.14 -2.39	17.40 -0.18 -2.16	13.98 -0.14 -2.10	12.89 -0.12 -1.65	11.97 -0.13 -1.47	9.07 -0.11 -1.56	7.78 -0.11 -1.51
SITHE_IND_GS2 24170	8.02 -0.12 -1.54	7.82 -0.12 -1.44	8.67 -0.14 -1.28	8.66 -0.14 -1.24	4.06 -0.04 -1.88	6.30 -0.07 -1.70	9.63 -0.07 -2.24	10.90 -0.08 -2.34	12.82 -0.11 -2.13	12.29 -0.11 -1.76	12.29 -0.11 -1.75	14.20 -0.13 -1.38	12.03 -0.12 -1.51	10.47 -0.11 -1.55	9.06 -0.10 -1.53	8.98 -0.10 -1.60	12.01 -0.13 -1.52	13.19 -0.14 -2.39	17.40 -0.18 -2.16	13.98 -0.14 -2.10	12.89 -0.12 -1.65	11.97 -0.13 -1.47	9.07 -0.11 -1.56	7.78 -0.11 -1.51
SITHE_IND_GS3 24171	8.02 -0.12 -1.54	7.82 -0.12 -1.44	8.67 -0.14 -1.28	8.66 -0.14 -1.24	4.06 -0.04 -1.88	6.30 -0.07 -1.70	9.63 -0.07 -2.24	10.90 -0.08 -2.34	12.82 -0.11 -2.13	12.29 -0.11 -1.76	12.29 -0.11 -1.75	14.20 -0.13 -1.38	12.03 -0.12 -1.51	10.47 -0.11 -1.55	9.06 -0.10 -1.53	8.98 -0.10 -1.60	12.01 -0.13 -1.52	13.19 -0.14 -2.39	17.40 -0.18 -2.16	13.98 -0.14 -2.10	12.89 -0.12 -1.65	11.97 -0.13 -1.47	9.07 -0.11 -1.56	7.78 -0.11 -1.51

SITHE_IND_GS4 24172	8.02 -0.12 -1.54	7.82 -0.12 -1.44	8.67 -0.14 -1.28	8.66 -0.14 -1.24	4.06 -0.04 -1.88	6.30 -0.07 -1.70	9.63 -0.07 -2.24	10.90 -0.08 -2.34	12.82 -0.11 -2.13	12.29 -0.11 -1.76	12.29 -0.11 -1.75	14.20 -0.13 -1.38	12.03 -0.12 -1.51	10.47 -0.11 -1.55	9.06 -0.10 -1.53	8.98 -0.10 -1.60	12.01 -0.13 -1.52	13.19 -0.14 -2.39	17.40 -0.18 -2.16	13.98 -0.14 -2.10	12.89 -0.12 -1.65	11.97 -0.13 -1.47	9.07 -0.11 -1.56	7.78 -0.11 -1.51
SITHE___BATAVIA 24024	10.12 0.05 -3.47	9.76 0.02 -3.24	10.45 0.02 -2.89	10.42 0.06 -2.80	6.35 0.06 -4.08	8.53 0.18 -3.68	12.68 0.45 -4.76	14.15 0.51 -4.99	15.87 0.53 -4.54	14.94 0.54 -3.76	14.91 0.53 -3.73	16.45 0.58 -2.92	14.28 0.46 -3.20	12.69 0.35 -3.31	11.15 0.28 -3.24	11.13 0.27 -3.39	14.25 0.41 -3.21	16.28 0.30 -5.04	20.44 0.46 -4.56	16.81 0.35 -4.44	15.25 0.41 -3.47	14.16 0.43 -3.11	11.16 0.25 -3.29	9.64 0.08 -3.18
SITHE___INDEPEND 23800	8.02 -0.12 -1.54	7.82 -0.12 -1.44	8.67 -0.14 -1.28	8.66 -0.14 -1.24	4.06 -0.04 -1.88	6.30 -0.07 -1.70	9.63 -0.07 -2.24	10.90 -0.08 -2.34	12.82 -0.11 -2.13	12.29 -0.11 -1.76	12.29 -0.11 -1.75	14.20 -0.13 -1.38	12.03 -0.12 -1.51	10.47 -0.11 -1.55	9.06 -0.10 -1.53	8.98 -0.10 -1.60	12.01 -0.13 -1.52	13.19 -0.14 -2.39	17.40 -0.18 -2.16	13.98 -0.14 -2.10	12.89 -0.12 -1.65	11.97 -0.13 -1.47	9.07 -0.11 -1.56	7.78 -0.11 -1.51
SITHE___MASSENA 23902	6.24 -0.36 0.00	6.17 -0.34 0.00	7.17 -0.37 0.00	7.15 -0.40 0.00	1.34 -0.05 0.82	3.79 -0.14 0.74	7.19 -0.28 0.00	8.28 -0.36 0.00	9.45 -0.50 0.85	10.16 -0.48 0.00	10.16 -0.49 0.00	12.40 -0.56 0.00	10.19 -0.44 0.00	8.64 -0.38 0.00	7.31 -0.31 0.00	7.17 -0.31 0.00	10.17 -0.45 0.00	10.49 -0.46 0.00	14.77 -0.65 0.00	11.49 -0.53 0.00	10.87 -0.50 0.00	10.17 -0.45 0.00	7.34 -0.28 0.00	6.23 -0.15 0.00
SITHE___OGDNSBRG 24021	6.28 -0.32 0.00	6.21 -0.29 0.00	7.23 -0.31 0.00	7.21 -0.35 0.00	2.19 -0.02 0.00	4.61 -0.07 0.00	7.32 -0.14 0.00	8.40 -0.24 0.00	9.32 -0.36 1.12	10.28 -0.36 0.00	10.25 -0.40 0.00	12.58 -0.38 0.00	10.34 -0.29 0.00	8.73 -0.29 0.00	7.40 -0.23 0.00	7.24 -0.23 0.00	10.25 -0.37 0.00	10.58 -0.37 0.00	14.89 -0.52 0.00	11.58 -0.44 0.00	10.95 -0.42 0.00	10.26 -0.36 0.00	7.41 -0.21 0.00	6.30 -0.09 0.00
SITHE___STERLING 23777	7.81 0.22 -0.99	7.64 0.21 -0.92	8.60 0.24 -0.82	8.61 0.26 -0.80	2.29 0.08 0.00	4.85 0.18 0.00	9.05 0.37 -1.21	10.38 0.47 -1.27	12.66 0.59 -1.27	12.15 0.55 -0.95	12.13 0.53 -0.95	14.38 0.67 -0.75	12.00 0.55 -0.82	10.29 0.42 -0.84	8.81 0.35 -0.83	8.69 0.34 -0.87	11.98 0.53 -0.83	12.81 0.59 -1.27	17.42 0.85 -1.15	13.78 0.64 -1.13	12.84 0.59 -0.88	11.91 0.50 -0.79	8.77 0.31 -0.83	7.41 0.22 -0.81
SOUTH CAIRO___GT 23612	33.46 0.59 -26.27	31.56 0.57 -24.48	30.05 0.66 -21.85	29.46 0.69 -21.22	37.14 0.15 -34.78	36.38 0.32 -31.39	47.57 0.61 -39.49	49.62 0.74 -40.23	48.30 0.91 -36.60	41.73 0.82 -30.26	41.53 0.83 -30.04	37.66 0.89 -23.81	37.43 0.71 -26.08	36.31 0.60 -26.70	34.61 0.50 -26.48	35.60 0.49 -27.64	37.61 0.77 -26.22	54.15 0.88 -42.33	55.13 1.36 -38.36	50.44 1.05 -37.37	41.53 0.93 -29.23	37.68 0.86 -26.20	35.89 0.59 -27.67	33.60 0.45 -26.77
SOUTH HAMPTN___IC 23720	38.49 0.92 -30.96	37.39 0.90 -29.98	36.04 1.06 -27.44	36.04 1.07 -27.42	37.40 0.24 -34.95	38.17 0.59 -32.90	42.13 1.08 -33.58	45.69 1.41 -35.63	45.46 1.91 -32.75	42.68 1.88 -30.16	44.59 1.86 -32.07	43.24 2.27 -28.02	41.07 1.80 -28.65	40.32 1.42 -29.88	40.09 1.20 -31.27	40.07 1.14 -31.46	45.58 1.68 -33.29	58.70 1.84 -45.91	68.85 2.61 -50.83	59.21 2.12 -45.07	48.49 1.85 -35.26	41.84 1.77 -29.45	39.96 1.26 -31.09	37.54 0.93 -30.23
SOUTHOLD___IC 23719	38.62 1.06 -30.96	37.52 1.04 -29.98	36.19 1.21 -27.44	36.20 1.23 -27.42	37.45 0.29 -34.95	38.27 0.70 -32.90	42.32 1.27 -33.58	46.00 1.72 -35.63	45.87 2.32 -32.75	43.09 2.29 -30.16	44.98 2.26 -32.07	43.71 2.73 -28.02	41.43 2.16 -28.65	40.61 1.71 -29.88	40.31 1.41 -31.27	40.30 1.37 -31.46	45.91 2.01 -33.29	59.04 2.18 -45.91	69.28 3.04 -50.83	59.52 2.43 -45.07	48.77 2.14 -35.26	42.09 2.02 -29.45	40.12 1.42 -31.09	37.67 1.06 -30.23
ST LAWRENCE____ 23600	6.22 -0.38 0.00	6.13 -0.37 0.00	7.12 -0.41 0.00	7.11 -0.44 0.00	1.27 -0.07 0.87	3.70 -0.19 0.78	7.13 -0.34 0.00	8.22 -0.42 0.00	9.48 -0.56 0.75	10.10 -0.54 0.00	10.10 -0.55 0.00	12.31 -0.65 0.00	10.12 -0.51 0.00	8.60 -0.42 0.00	7.27 -0.36 0.00	7.13 -0.34 0.00	10.11 -0.51 0.00	10.44 -0.51 0.00	14.69 -0.72 0.00	11.43 -0.59 0.00	10.82 -0.56 0.00	10.11 -0.51 0.00	7.29 -0.33 0.00	6.17 -0.21 0.00
STATION 5_MISC_HYD 23604	9.57 -0.01 -2.98	9.25 -0.03 -2.77	9.97 -0.04 -2.48	9.95 -0.01 -2.40	5.75 0.03 -3.51	7.93 0.09 -3.17	11.84 0.25 -4.12	13.25 0.28 -4.32	15.00 0.28 -3.93	14.20 0.31 -3.25	14.18 0.31 -3.22	15.81 0.32 -2.53	13.66 0.25 -2.77	12.08 0.19 -2.86	10.59 0.15 -2.81	10.55 0.14 -2.94	13.64 0.23 -2.78	15.48 0.16 -4.37	19.64 0.26 -3.96	16.06 0.19 -3.84	14.59 0.20 -3.01	13.53 0.21 -2.70	10.58 0.11 -2.85	9.14 0.00 -2.75
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	9.60 0.03 -2.97	9.29 0.02 -2.77	10.02 0.02 -2.47	10.00 0.05 -2.40	5.74 0.04 -3.50	7.93 0.11 -3.16	11.86 0.29 -4.10	13.30 0.35 -4.31	15.09 0.38 -3.92	14.26 0.38 -3.24	14.25 0.38 -3.22	15.91 0.43 -2.53	13.73 0.33 -2.77	12.13 0.25 -2.86	10.65 0.21 -2.81	10.60 0.19 -2.94	13.72 0.32 -2.79	15.62 0.31 -4.36	19.82 0.45 -3.95	16.21 0.35 -3.84	14.71 0.33 -3.00	13.61 0.30 -2.69	10.63 0.17 -2.84	9.19 0.06 -2.75
STA_56_34_KV_BUS2_REV_LBMP_B 345033	9.52 -0.03 -2.95	9.20 -0.05 -2.75	9.92 -0.07 -2.45	9.90 -0.04 -2.38	5.71 0.02 -3.48	7.87 0.06 -3.14	11.76 0.21 -4.08	13.17 0.24 -4.28	14.93 0.24 -3.90	14.13 0.27 -3.22	14.12 0.27 -3.20	15.75 0.28 -2.51	13.59 0.21 -2.75	12.02 0.15 -2.84	10.54 0.12 -2.79	10.51 0.12 -2.91	13.57 0.19 -2.76	15.42 0.14 -4.33	19.56 0.22 -3.93	16.00 0.17 -3.81	14.53 0.17 -2.98	13.46 0.17 -2.67	10.52 0.08 -2.82	9.09 -0.03 -2.73
STEEL___WIND 323596	10.73 0.04 -4.09	10.34 0.02 -3.82	10.96 0.02 -3.41	10.91 0.05 -3.31	7.05 0.06 -4.78	9.16 0.17 -4.32	13.45 0.41 -5.57	14.95 0.47 -5.84	16.61 0.50 -5.32	15.57 0.53 -4.40	15.55 0.53 -4.36	16.93 0.57 -3.41	14.82 0.46 -3.73	13.25 0.35 -3.88	11.70 0.29 -3.79	11.71 0.28 -3.95	14.76 0.39 -3.75	17.04 0.21 -5.88	21.07 0.32 -5.33	17.42 0.22 -5.18	15.75 0.32 -4.05	14.65 0.39 -3.63	11.69 0.23 -3.84	10.16 0.06 -3.71
STEUBEN_REC_LFGE 323667	11.96 0.05 -5.31	11.49 0.05 -4.94	12.00 0.05 -4.41	11.93 0.09 -4.29	8.43 0.07 -6.15	10.43 0.21 -5.55	15.09 0.49 -7.13	16.74 0.59 -7.51	18.31 0.68 -6.83	16.99 0.70 -5.65	17.01 0.75 -5.61	18.22 0.85 -4.42	16.16 0.69 -4.84	14.57 0.56 -4.98	13.00 0.47 -4.91	13.05 0.46 -5.12	16.15 0.67 -4.86	19.13 0.59 -7.59	23.15 0.85 -6.88	19.33 0.61 -6.70	17.25 0.64 -5.24	15.86 0.54 -4.70	12.88 0.31 -4.96	11.32 0.14 -4.80

STONY___BROOK 24151	38.31 0.75 -30.96	37.22 0.73 -29.98	35.84 0.86 -27.44	35.84 0.87 -27.42	37.34 0.18 -34.95	38.02 0.44 -32.90	41.83 0.78 -33.58	45.30 1.03 -35.63	44.99 1.45 -32.75	42.20 1.40 -30.16	44.10 1.37 -32.07	42.70 1.72 -28.02	40.68 1.40 -28.64	40.06 1.16 -29.88	39.89 0.99 -31.27	39.88 0.95 -31.45	45.25 1.35 -33.28	58.26 1.40 -45.91	68.23 1.99 -50.82	58.70 1.61 -45.07	48.06 1.43 -35.26	41.46 1.39 -29.45	39.71 1.01 -31.09	37.39 0.78 -30.22
STURGEON_POOL_HYD 23609	31.51 0.51 -24.41	29.75 0.50 -22.75	28.42 0.58 -20.31	27.86 0.60 -19.72	33.01 0.11 -30.68	32.63 0.27 -27.69	43.05 0.45 -35.13	44.93 0.60 -35.68	44.12 0.86 -32.46	38.30 0.82 -26.84	38.15 0.85 -26.64	35.09 1.01 -21.12	34.60 0.83 -23.14	33.40 0.70 -23.68	31.72 0.60 -23.49	32.57 0.58 -24.51	34.71 0.84 -23.26	49.49 0.88 -37.66	50.81 1.26 -34.13	46.28 1.01 -33.25	38.26 0.88 -26.01	34.78 0.85 -23.32	32.87 0.62 -24.62	30.70 0.50 -23.82
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.27 0.49 -22.18	27.66 0.48 -20.68	26.55 0.56 -18.46	26.04 0.57 -17.92	28.84 0.10 -26.53	28.86 0.25 -23.94	38.44 0.42 -30.55	40.31 0.57 -31.10	39.89 0.81 -28.29	34.80 0.77 -23.39	34.67 0.80 -23.22	32.32 0.96 -18.41	31.58 0.79 -20.16	30.32 0.67 -20.63	28.68 0.58 -20.47	29.40 0.56 -21.36	31.68 0.80 -20.27	44.53 0.82 -32.75	46.27 1.17 -29.68	41.87 0.94 -28.92	34.82 0.83 -22.62	31.70 0.81 -20.28	29.62 0.59 -21.41	27.56 0.46 -20.71
SYNERGY___BIOGAS 323694	10.12 0.05 -3.47	9.76 0.02 -3.24	10.45 0.02 -2.89	10.42 0.06 -2.80	6.35 0.06 -4.08	8.53 0.18 -3.68	12.68 0.45 -4.76	14.15 0.51 -4.99	15.87 0.53 -4.54	14.94 0.54 -3.76	14.91 0.53 -3.73	16.45 0.58 -2.92	14.28 0.46 -3.20	12.69 0.35 -3.31	11.15 0.28 -3.24	11.13 0.27 -3.39	14.25 0.41 -3.21	16.28 0.30 -5.04	20.44 0.46 -4.56	16.81 0.35 -4.44	15.25 0.41 -3.47	14.16 0.43 -3.11	11.16 0.25 -3.29	9.64 0.08 -3.18
SYRACUSE___ENERGY_ST1 323597	9.09 0.05 -2.45	8.82 0.04 -2.28	9.61 0.04 -2.04	9.59 0.06 -1.98	5.10 0.02 -2.86	7.32 0.07 -2.58	11.03 0.16 -3.40	12.43 0.22 -3.57	14.30 0.25 -3.25	13.56 0.23 -2.69	13.57 0.25 -2.67	15.36 0.30 -2.11	13.15 0.21 -2.31	11.56 0.16 -2.37	10.10 0.13 -2.35	10.05 0.13 -2.45	13.13 0.19 -2.32	14.82 0.23 -3.64	19.04 0.32 -3.29	15.47 0.25 -3.20	14.12 0.25 -2.50	13.06 0.20 -2.24	10.10 0.11 -2.37	8.74 0.06 -2.29
SYRACUSE___ENERGY_ST2 323598	9.09 0.05 -2.45	8.82 0.04 -2.28	9.61 0.04 -2.04	9.59 0.06 -1.98	5.10 0.02 -2.86	7.32 0.07 -2.58	11.03 0.16 -3.40	12.43 0.22 -3.57	14.30 0.25 -3.25	13.56 0.23 -2.69	13.57 0.25 -2.67	15.36 0.30 -2.11	13.15 0.21 -2.31	11.56 0.16 -2.37	10.10 0.13 -2.35	10.05 0.13 -2.45	13.13 0.19 -2.32	14.82 0.23 -3.64	19.04 0.32 -3.29	15.47 0.25 -3.20	14.12 0.25 -2.50	13.06 0.20 -2.24	10.10 0.11 -2.37	8.74 0.06 -2.29
SYRACUSE___POWER 24017	9.19 0.05 -2.54	8.92 0.05 -2.37	9.70 0.05 -2.11	9.67 0.07 -2.05	5.18 0.02 -2.94	7.39 0.07 -2.66	11.16 0.17 -3.52	12.56 0.22 -3.69	14.43 0.27 -3.36	13.67 0.25 -2.78	13.68 0.27 -2.76	15.46 0.32 -2.18	13.26 0.23 -2.39	11.65 0.18 -2.45	10.20 0.14 -2.43	10.14 0.13 -2.53	13.25 0.22 -2.40	14.95 0.24 -3.76	19.18 0.35 -3.41	15.61 0.29 -3.30	14.23 0.27 -2.58	13.16 0.22 -2.31	10.19 0.13 -2.44	8.82 0.07 -2.36
TRIGEN___CC 323695	38.13 0.73 -30.80	37.02 0.72 -29.80	35.64 0.84 -27.27	35.63 0.85 -27.23	37.19 0.17 -34.81	37.82 0.40 -32.75	41.71 0.67 -33.58	45.12 0.88 -35.59	44.73 1.23 -32.70	41.87 1.17 -30.05	43.77 1.20 -31.92	42.25 1.45 -27.84	40.32 1.19 -28.49	39.76 1.03 -29.71	39.57 0.88 -31.07	39.60 0.86 -31.27	44.84 1.19 -33.03	57.86 1.23 -45.68	67.54 1.71 -50.41	58.17 1.38 -44.76	47.63 1.24 -35.02	41.10 1.20 -29.28	39.40 0.87 -30.91	37.14 0.70 -30.05
UNION___PROCESSING_DRP 323587	9.57 -0.03 -2.99	9.26 -0.04 -2.79	9.97 -0.05 -2.49	9.95 -0.02 -2.42	5.76 0.02 -3.53	7.94 0.08 -3.19	11.84 0.23 -4.14	13.25 0.27 -4.34	15.00 0.26 -3.95	14.18 0.28 -3.27	14.17 0.28 -3.24	15.80 0.30 -2.54	13.64 0.22 -2.79	12.06 0.16 -2.88	10.58 0.13 -2.83	10.55 0.13 -2.95	13.62 0.20 -2.80	15.48 0.14 -4.39	19.61 0.22 -3.98	16.05 0.17 -3.87	14.58 0.18 -3.02	13.51 0.18 -2.71	10.57 0.09 -2.86	9.14 -0.01 -2.77
UPPER HUDSON___HYD 24058	40.96 0.63 -33.73	38.56 0.62 -31.44	36.32 0.72 -28.06	35.52 0.72 -27.25	54.60 0.15 -52.24	52.09 0.28 -47.14	64.96 0.61 -56.88	67.48 0.69 -58.15	64.61 0.92 -52.89	55.35 0.97 -43.74	54.97 0.90 -43.42	48.44 1.07 -34.41	49.18 0.85 -37.69	48.30 0.69 -38.58	46.44 0.54 -38.27	47.97 0.55 -39.94	49.25 0.74 -37.89	72.66 0.75 -60.96	71.72 1.06 -55.23	66.57 0.73 -53.82	54.34 0.88 -42.09	49.09 0.73 -37.73	48.01 0.53 -39.85	45.29 0.35 -38.55
UPPER RAQUET___HYD 24056	6.23 -0.37 0.00	6.15 -0.35 0.00	7.17 -0.37 0.00	7.14 -0.41 0.00	2.17 -0.04 0.00	4.57 -0.10 0.00	7.27 -0.20 0.00	8.28 -0.36 0.00	9.01 -0.50 1.29	10.16 -0.48 0.00	10.13 -0.52 0.00	12.53 -0.43 0.00	10.30 -0.33 0.00	8.66 -0.36 0.00	7.34 -0.28 0.00	7.20 -0.28 0.00	10.13 -0.49 0.00	10.38 -0.57 0.00	14.62 -0.80 0.00	11.36 -0.66 0.00	10.74 -0.64 0.00	10.12 -0.50 0.00	7.35 -0.27 0.00	6.24 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.49 0.32 -10.57	16.67 0.32 -9.85	16.71 0.38 -8.79	16.47 0.38 -8.54	13.60 0.09 -11.31	15.08 0.21 -10.20	20.37 0.39 -12.52	22.47 0.47 -13.35	23.56 0.62 -12.15	21.27 0.58 -10.05	21.20 0.57 -9.97	21.58 0.70 -7.92	19.89 0.58 -8.68	18.35 0.47 -8.86	16.83 0.39 -8.81	17.04 0.37 -9.19	19.89 0.55 -8.72	24.97 0.58 -13.45	28.43 0.83 -12.18	24.54 0.65 -11.87	21.27 0.61 -9.28	19.50 0.56 -8.32	16.80 0.39 -8.79	15.18 0.29 -8.50
VISCHER___FERRY HYD 24020	40.01 0.52 -32.89	37.67 0.51 -30.65	35.49 0.60 -27.36	34.71 0.59 -26.56	52.64 0.11 -50.32	50.29 0.21 -45.41	62.88 0.45 -54.97	65.31 0.48 -56.18	62.52 0.62 -51.10	53.52 0.62 -42.26	53.20 0.60 -41.95	46.93 0.72 -33.25	47.63 0.58 -36.42	46.77 0.48 -37.28	44.99 0.39 -36.98	46.45 0.39 -38.59	47.79 0.56 -36.61	70.43 0.58 -58.91	69.59 0.80 -53.38	64.61 0.59 -52.01	52.66 0.61 -40.67	47.63 0.54 -36.46	46.50 0.37 -38.51	43.90 0.26 -37.25
V_CMM_10_SYNC_DSASP 323787	6.23 -0.37 0.00	6.15 -0.36 0.00	7.14 -0.40 0.00	7.12 -0.43 0.00	1.27 -0.07 0.87	3.71 -0.18 0.78	7.16 -0.31 0.00	8.26 -0.39 0.00	9.52 -0.52 0.75	10.14 -0.50 0.00	10.14 -0.51 0.00	12.36 -0.60 0.00	10.15 -0.48 0.00	8.62 -0.40 0.00	7.30 -0.33 0.00	7.15 -0.32 0.00	10.15 -0.47 0.00	10.48 -0.47 0.00	14.72 -0.69 0.00	11.46 -0.56 0.00	10.84 -0.53 0.00	10.13 -0.49 0.00	7.31 -0.31 0.00	6.19 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	6.06 -0.53 0.00	5.98 -0.52 0.00	6.96 -0.58 0.00	6.94 -0.61 0.00	1.22 -0.12 0.87	3.60 -0.29 0.78	6.99 -0.48 0.00	8.06 -0.59 0.00	9.28 -0.77 0.75	9.90 -0.75 0.00	9.91 -0.75 0.00	12.09 -0.87 0.00	9.94 -0.69 0.00	8.44 -0.58 0.00	7.15 -0.48 0.00	7.01 -0.46 0.00	10.00 -0.62 0.00	10.37 -0.58 0.00	14.62 -0.80 0.00	11.35 -0.67 0.00	10.76 -0.61 0.00	10.04 -0.58 0.00	7.24 -0.38 0.00	6.15 -0.23 0.00

V_F_30_SYNC_DSASP 323786	39.49 0.42 -32.48	37.19 0.41 -30.27	35.03 0.48 -27.02	34.26 0.47 -26.24	51.70 0.07 -49.42	49.41 0.14 -44.60	62.13 0.33 -54.34	64.48 0.29 -55.54	61.61 0.29 -50.52	52.71 0.29 -41.78	52.39 0.27 -41.47	46.16 0.34 -32.87	46.91 0.28 -36.00	46.10 0.23 -36.85	44.36 0.18 -36.56	45.80 0.18 -38.15	47.08 0.27 -36.19	69.45 0.26 -58.23	68.56 0.37 -52.77	63.69 0.25 -51.41	51.86 0.27 -40.21	46.90 0.23 -36.05	45.83 0.14 -38.07	43.29 0.08 -36.83
V_XM_10_SYNC_DSASP 323789	6.06 -0.53 0.00	5.98 -0.52 0.00	6.96 -0.58 0.00	6.94 -0.61 0.00	1.22 -0.12 0.87	3.60 -0.29 0.78	6.99 -0.48 0.00	8.06 -0.59 0.00	9.28 -0.77 0.75	9.90 -0.75 0.00	9.91 -0.75 0.00	12.09 -0.87 0.00	9.94 -0.69 0.00	8.44 -0.58 0.00	7.15 -0.48 0.00	7.01 -0.46 0.00	10.00 -0.62 0.00	10.37 -0.58 0.00	14.62 -0.80 0.00	11.35 -0.67 0.00	10.76 -0.61 0.00	10.04 -0.58 0.00	7.24 -0.38 0.00	6.15 -0.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.04 0.55 -22.89	28.38 0.55 -21.33	27.21 0.63 -19.04	26.68 0.64 -18.49	29.98 0.12 -27.65	29.91 0.28 -24.95	39.79 0.49 -31.84	41.73 0.66 -32.42	41.23 0.94 -29.50	35.93 0.89 -24.39	35.79 0.93 -24.21	33.25 1.10 -19.19	32.56 0.90 -21.02	31.31 0.78 -21.51	29.64 0.67 -21.34	30.40 0.65 -22.28	32.66 0.91 -21.13	46.03 0.94 -34.14	47.68 1.33 -30.93	43.23 1.07 -30.14	35.89 0.94 -23.57	32.67 0.92 -21.13	30.61 0.67 -22.32	28.50 0.53 -21.59
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.87 0.64 -23.63	29.15 0.62 -22.02	27.92 0.72 -19.66	27.37 0.73 -19.08	31.17 0.14 -28.83	31.02 0.33 -26.01	41.21 0.55 -33.19	43.21 0.75 -33.81	42.65 1.09 -30.76	37.10 1.02 -25.44	36.96 1.05 -25.25	34.25 1.28 -20.02	33.63 1.07 -21.92	32.39 0.93 -22.44	30.68 0.79 -22.26	31.48 0.78 -23.23	33.71 1.05 -22.04	47.63 1.09 -35.58	49.17 1.51 -32.24	44.68 1.25 -31.41	37.01 1.07 -24.57	33.69 1.04 -22.03	31.65 0.77 -23.26	29.50 0.61 -22.50
WADING RIVER_IC_1 23522	38.28 0.71 -30.96	37.18 0.70 -29.98	35.80 0.82 -27.44	35.80 0.83 -27.42	37.33 0.17 -34.95	38.02 0.44 -32.90	41.88 0.83 -33.58	45.36 1.08 -35.63	45.03 1.48 -32.75	42.28 1.48 -30.16	44.16 1.44 -32.07	42.76 1.79 -28.02	40.69 1.41 -28.65	39.99 1.09 -29.88	39.83 0.93 -31.27	39.79 0.86 -31.46	45.16 1.25 -33.29	58.26 1.40 -45.91	68.22 1.97 -50.83	58.71 1.62 -45.07	48.07 1.43 -35.26	41.46 1.39 -29.45	39.73 1.02 -31.09	37.36 0.75 -30.23
WADING RIVER_IC_2 23547	38.28 0.71 -30.96	37.18 0.70 -29.98	35.80 0.82 -27.44	35.80 0.83 -27.42	37.33 0.17 -34.95	38.02 0.44 -32.90	41.88 0.83 -33.58	45.36 1.08 -35.63	45.03 1.48 -32.75	42.28 1.48 -30.16	44.16 1.44 -32.07	42.76 1.79 -28.02	40.69 1.41 -28.65	39.99 1.09 -29.88	39.83 0.93 -31.27	39.79 0.86 -31.46	45.16 1.25 -33.29	58.26 1.40 -45.91	68.22 1.97 -50.83	58.71 1.62 -45.07	48.07 1.43 -35.26	41.46 1.39 -29.45	39.73 1.02 -31.09	37.36 0.75 -30.23
WADING RIVER_IC_3 23601	38.28 0.71 -30.96	37.18 0.70 -29.98	35.80 0.82 -27.44	35.80 0.83 -27.42	37.33 0.17 -34.95	38.02 0.44 -32.90	41.88 0.83 -33.58	45.36 1.08 -35.63	45.03 1.48 -32.75	42.28 1.48 -30.16	44.16 1.44 -32.07	42.76 1.79 -28.02	40.69 1.41 -28.65	39.99 1.09 -29.88	39.83 0.93 -31.27	39.79 0.86 -31.46	45.16 1.25 -33.29	58.26 1.40 -45.91	68.22 1.97 -50.83	58.71 1.62 -45.07	48.07 1.43 -35.26	41.46 1.39 -29.45	39.73 1.02 -31.09	37.36 0.75 -30.23
WALDEN___HYDRO 24148	30.46 0.53 -23.33	28.76 0.51 -21.75	27.54 0.60 -19.41	27.01 0.61 -18.85	30.92 0.11 -28.60	30.74 0.27 -25.81	40.77 0.46 -32.85	42.69 0.60 -33.44	42.06 0.84 -30.42	36.58 0.79 -25.15	36.44 0.82 -24.97	33.73 0.98 -19.79	33.12 0.81 -21.68	31.90 0.69 -22.19	30.23 0.60 -22.01	31.04 0.59 -22.97	33.25 0.84 -21.79	47.05 0.89 -35.22	48.61 1.28 -31.91	44.14 1.03 -31.09	36.60 0.91 -24.32	33.30 0.88 -21.80	31.28 0.63 -23.02	29.15 0.50 -22.27
WARRENSBURG____ 23737	40.96 0.63 -33.73	38.56 0.62 -31.44	36.32 0.72 -28.06	35.52 0.72 -27.25	54.60 0.15 -52.24	52.09 0.28 -47.14	64.96 0.61 -56.88	67.48 0.69 -58.15	64.61 0.92 -52.89	55.35 0.97 -43.74	54.97 0.90 -43.42	48.44 1.07 -34.41	49.18 0.85 -37.69	48.30 0.69 -38.58	46.44 0.54 -38.27	47.97 0.55 -39.94	49.25 0.74 -37.89	72.66 0.75 -60.96	71.72 1.06 -55.23	66.57 0.73 -53.82	54.34 0.88 -42.09	49.09 0.73 -37.73	48.01 0.53 -39.85	45.29 0.35 -38.55
WATERSIDE___6 8 9 23538	30.89 0.66 -23.63	29.18 0.65 -22.02	27.94 0.75 -19.66	27.39 0.76 -19.09	31.18 0.14 -28.83	31.02 0.33 -26.02	41.20 0.54 -33.19	43.20 0.73 -33.82	42.63 1.07 -30.76	37.09 1.01 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.64 1.08 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.49 0.78 -23.23	33.72 1.06 -22.04	47.64 1.11 -35.59	49.17 1.51 -32.25	44.69 1.25 -31.42	37.01 1.07 -24.57	33.71 1.06 -22.03	31.68 0.79 -23.27	29.53 0.64 -22.51
WDELAWARE___HYD 323627	28.61 0.50 -21.52	27.04 0.48 -20.06	26.00 0.56 -17.90	25.52 0.58 -17.38	28.09 0.11 -25.77	28.19 0.27 -23.26	37.60 0.54 -29.59	39.02 0.84 -29.54	38.76 1.09 -26.87	33.85 0.99 -22.22	33.71 1.00 -22.06	31.61 1.17 -17.49	30.72 0.94 -19.15	29.39 0.77 -19.60	27.72 0.65 -19.45	28.39 0.62 -20.29	30.81 0.93 -19.25	43.63 0.96 -31.72	45.61 1.45 -28.74	41.18 1.15 -28.00	34.28 1.00 -21.90	31.22 0.97 -19.63	29.05 0.69 -20.74	26.99 0.54 -20.06
WEST BABYLON___IC 23714	38.41 0.86 -30.95	37.31 0.85 -29.96	35.95 0.99 -27.42	35.95 1.00 -27.40	37.36 0.22 -34.93	38.07 0.51 -32.88	41.92 0.87 -33.58	45.40 1.13 -35.63	45.08 1.54 -32.74	42.27 1.48 -30.15	44.21 1.50 -32.05	42.77 1.81 -28.00	40.71 1.46 -28.63	40.10 1.22 -29.86	39.91 1.04 -31.25	39.92 1.01 -31.43	45.32 1.44 -33.26	58.37 1.53 -45.88	68.34 2.14 -50.78	58.79 1.73 -45.03	48.14 1.53 -35.23	41.54 1.49 -29.43	39.75 1.07 -31.07	37.42 0.84 -30.20
WEST CANADA___HYD 24049	6.10 0.07 0.57	6.04 0.07 0.53	7.14 0.08 0.47	7.17 0.08 0.46	0.68 0.01 1.54	3.31 0.03 1.39	6.44 0.06 1.09	7.56 0.07 1.16	9.84 0.10 1.05	9.87 0.10 0.87	9.88 0.10 0.86	12.39 0.12 0.68	9.98 0.10 0.75	8.33 0.07 0.77	6.93 0.06 0.76	6.74 0.06 0.79	9.96 0.10 0.75	9.83 0.10 1.22	14.46 0.15 1.11	11.07 0.12 1.07	10.64 0.10 0.84	9.96 0.10 0.75	6.88 0.05 0.79	5.65 0.03 0.77
WESTERN_NY_WIND 24143	10.14 0.05 -3.49	9.78 0.02 -3.25	10.46 0.02 -2.90	10.43 0.06 -2.82	6.37 0.06 -4.10	8.55 0.18 -3.70	12.70 0.45 -4.79	14.17 0.51 -5.02	15.88 0.52 -4.57	14.96 0.54 -3.78	14.93 0.53 -3.75	16.46 0.57 -2.93	14.29 0.45 -3.21	12.70 0.35 -3.33	11.16 0.27 -3.26	11.15 0.27 -3.40	14.26 0.41 -3.23	16.30 0.28 -5.06	20.45 0.45 -4.59	16.82 0.34 -4.46	15.26 0.40 -3.49	14.16 0.41 -3.13	11.17 0.24 -3.30	9.65 0.07 -3.20
WESTOVER___LESR 323668	14.51 0.14 -7.78	13.89 0.14 -7.25	14.16 0.15 -6.47	14.01 0.17 -6.28	11.20 0.05 -8.94	12.88 0.14 -8.07	18.06 0.28 -10.31	19.87 0.34 -10.89	21.11 0.41 -9.91	19.23 0.39 -8.19	19.19 0.40 -8.13	19.94 0.47 -6.52	18.13 0.36 -7.14	16.54 0.30 -7.23	15.13 0.25 -7.25	15.29 0.25 -7.57	18.16 0.36 -7.18	22.48 0.35 -11.18	26.05 0.51 -10.13	22.28 0.40 -9.86	19.50 0.41 -7.71	17.92 0.38 -6.91	15.17 0.24 -7.30	13.61 0.16 -7.06

WETHRSFD_WT_PWR 323626	11.14 -0.01 -4.56	10.72 -0.03 -4.25	11.30 -0.03 -3.79	11.23 0.00 -3.68	7.56 0.04 -5.31	9.59 0.13 -4.79	13.97 0.33 -6.17	15.49 0.37 -6.48	17.09 0.40 -5.89	15.95 0.44 -4.87	15.93 0.45 -4.84	17.21 0.47 -3.79	15.15 0.37 -4.15	13.61 0.29 -4.30	12.08 0.24 -4.21	12.10 0.23 -4.40	15.12 0.33 -4.17	17.66 0.17 -6.54	21.62 0.28 -5.92	17.96 0.18 -5.76	16.15 0.27 -4.51	14.96 0.30 -4.04	12.05 0.16 -4.27	10.53 0.02 -4.13
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.04 0.53 -22.91	28.38 0.51 -21.36	27.20 0.60 -19.06	26.67 0.61 -18.51	30.01 0.11 -27.69	29.92 0.26 -24.99	39.79 0.44 -31.89	41.72 0.60 -32.47	41.21 0.87 -29.54	35.90 0.83 -24.43	35.76 0.86 -24.25	33.21 1.04 -19.22	32.53 0.85 -21.05	31.31 0.74 -21.55	29.64 0.63 -21.38	30.40 0.62 -22.31	32.64 0.86 -21.16	46.02 0.89 -34.19	47.63 1.23 -30.98	43.21 1.01 -30.18	35.87 0.89 -23.61	32.65 0.87 -21.16	30.60 0.63 -22.35	28.50 0.50 -21.62
YORK___WARBASSE 23770	30.95 0.72 -23.63	29.22 0.70 -22.02	27.99 0.79 -19.66	27.44 0.80 -19.09	31.19 0.15 -28.83	31.03 0.35 -26.02	41.22 0.56 -33.19	43.21 0.75 -33.82	42.63 1.07 -30.76	37.08 1.00 -25.44	36.95 1.04 -25.25	34.25 1.28 -20.02	33.65 1.10 -21.93	32.40 0.94 -22.44	30.70 0.81 -22.26	31.50 0.79 -23.23	33.72 1.06 -22.04	47.70 1.16 -35.59	49.27 1.60 -32.25	44.76 1.32 -31.42	37.05 1.10 -24.57	33.75 1.10 -22.03	31.72 0.84 -23.27	29.57 0.68 -22.51