

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/10/2016

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	51.65	48.18	45.78	44.80	43.48	44.26	48.90	53.36	54.79	56.60	58.62	57.20	55.02	53.10	48.24	48.99	59.88	70.21	64.96	64.50	60.00	59.16	52.92	48.24
24138	0.74	0.60	0.58	0.56	0.69	0.78	1.01	1.15	1.52	1.68	1.61	1.75	1.68	1.55	1.73	1.80	2.18	3.29	3.20	2.83	2.29	1.69	1.49	1.05
	-42.55	-40.52	-38.56	-37.62	-34.65	-34.47	-36.82	-39.79	-38.26	-38.75	-41.19	-38.83	-37.67	-36.46	-30.76	-31.41	-38.23	-38.01	-32.68	-36.14	-37.64	-41.79	-37.85	-36.25
74TH STREET_GT_1	51.66	48.18	45.79	44.80	43.48	44.27	48.90	53.35	54.79	56.59	58.61	57.20	55.01	53.11	48.25	48.99	59.89	70.22	64.97	64.48	60.01	59.17	52.93	48.25
24260	0.74	0.60	0.57	0.56	0.69	0.78	1.00	1.14	1.50	1.67	1.60	1.73	1.66	1.55	1.73	1.80	2.18	3.29	3.20	2.81	2.29	1.69	1.49	1.05
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
74TH STREET_GT_2	51.66	48.18	45.79	44.80	43.48	44.27	48.90	53.35	54.79	56.59	58.61	57.20	55.01	53.11	48.25	48.99	59.89	70.22	64.97	64.48	60.01	59.17	52.93	48.25
24261	0.74	0.60	0.57	0.56	0.69	0.78	1.00	1.14	1.50	1.67	1.60	1.73	1.66	1.55	1.73	1.80	2.18	3.29	3.20	2.81	2.29	1.69	1.49	1.05
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
ADK HUDSON___FALLS	83.12	78.48	74.59	72.93	69.40	70.02	76.35	83.00	83.32	85.40	89.29	86.00	82.91	80.21	71.02	72.24	88.37	98.40	89.29	91.32	87.51	90.20	81.03	75.23
24011	0.77	0.66	0.61	0.61	0.76	0.81	0.98	1.10	1.53	1.60	1.58	1.60	1.49	1.49	1.57	1.64	2.14	3.12	3.14	2.68	2.13	1.55	1.36	0.99
	-73.98	-70.76	-67.34	-65.70	-60.50	-60.18	-64.30	-69.48	-66.77	-67.62	-71.89	-67.77	-65.75	-63.64	-53.69	-54.82	-66.76	-66.36	-57.06	-63.11	-65.31	-72.97	-66.09	-63.30
ADK RESOURCE___RCVRY	80.46	75.88	72.11	70.52	67.26	67.93	74.12	80.54	81.22	83.34	87.05	83.93	80.87	78.17	69.48	70.74	86.58	97.11	88.36	90.00	85.81	87.95	78.83	73.09
23798	1.06	0.92	0.84	0.85	1.06	1.15	1.34	1.44	2.12	2.26	2.23	2.26	2.10	2.01	2.20	2.35	3.04	4.51	4.51	3.91	3.03	2.24	1.82	1.40
	-71.03	-67.91	-64.63	-63.05	-58.07	-57.76	-61.71	-66.68	-64.08	-64.90	-69.00	-65.04	-63.11	-61.07	-51.53	-52.61	-64.07	-63.69	-54.76	-60.57	-62.70	-70.03	-63.43	-60.75
ADK S GLENS___FALLS	83.12	78.48	74.59	72.93	69.40	70.02	76.35	83.00	83.32	85.40	89.29	86.00	82.91	80.21	71.02	72.24	88.37	98.40	89.29	91.32	87.51	90.20	81.03	75.23
24028	0.77	0.66	0.61	0.61	0.76	0.81	0.98	1.10	1.53	1.60	1.58	1.60	1.49	1.49	1.57	1.64	2.14	3.12	3.14	2.68	2.13	1.55	1.36	0.99
	-73.98	-70.76	-67.34	-65.70	-60.50	-60.18	-64.30	-69.48	-66.77	-67.62	-71.89	-67.77	-65.75	-63.64	-53.69	-54.82	-66.76	-66.36	-57.06	-63.11	-65.31	-72.97	-66.09	-63.30
ADK_NYS___DAM	80.12	75.62	71.88	70.27	66.93	67.57	73.72	80.12	80.56	82.64	86.36	83.24	80.26	77.57	68.75	69.90	85.44	95.41	86.63	88.55	84.73	87.29	78.31	72.66
23527	0.65	0.56	0.52	0.52	0.64	0.71	0.85	0.93	1.37	1.47	1.44	1.48	1.39	1.33	1.40	1.44	1.81	2.72	2.71	2.37	1.87	1.47	1.21	0.88
	-71.10	-68.01	-64.72	-63.14	-58.15	-57.84	-61.79	-66.78	-64.17	-64.99	-69.10	-65.14	-63.20	-61.16	-51.60	-52.69	-64.16	-63.78	-54.84	-60.66	-62.79	-70.13	-63.52	-60.84
AIR_PRODUCTS___DRP	79.34	74.99	71.29	69.69	66.33	66.95	73.05	79.41	79.74	81.76	85.46	82.38	79.43	76.81	67.98	69.06	84.39	94.01	85.31	87.32	83.71	86.37	77.57	71.98
24190	0.41	0.35	0.33	0.32	0.40	0.44	0.56	0.62	0.93	0.99	0.97	1.01	0.96	0.94	0.94	0.91	1.15	1.71	1.72	1.51	1.22	0.99	0.86	0.57
	-70.57	-67.59	-64.32	-62.76	-57.79	-57.49	-61.42	-66.37	-63.78	-64.60	-68.68	-64.74	-62.81	-60.79	-51.29	-52.36	-63.77	-63.39	-54.51	-60.29	-62.42	-69.70	-63.13	-60.47
ALBANY___1	79.34	74.99	71.29	69.69	66.33	66.95	73.05	79.41	79.74	81.76	85.46	82.38	79.43	76.81	67.98	69.06	84.39	94.01	85.31	87.32	83.71	86.37	77.57	71.98
23571	0.41	0.35	0.33	0.32	0.40	0.44	0.56	0.62	0.93	0.99	0.97	1.01	0.96	0.94	0.94	0.91	1.15	1.71	1.72	1.51	1.22	0.99	0.86	0.57
	-70.57	-67.59	-64.32	-62.76	-57.79	-57.49	-61.42	-66.37	-63.78	-64.60	-68.68	-64.74	-62.81	-60.79	-51.29	-52.36	-63.77	-63.39	-54.51	-60.29	-62.42	-69.70	-63.13	-60.47
ALBANY___2	79.34	74.99	71.29	69.69	66.33	66.95	73.05	79.41	79.74	81.76	85.46	82.38	79.43	76.81	67.98	69.06	84.39	94.01	85.31	87.32	83.71	86.37	77.57	71.98
23572	0.41	0.35	0.33	0.32	0.40	0.44	0.56	0.62	0.93	0.99	0.97	1.01	0.96	0.94	0.94	0.91	1.15	1.71	1.72	1.51	1.22	0.99	0.86	0.57
	-70.57	-67.59	-64.32	-62.76	-57.79	-57.49	-61.42	-66.37	-63.78	-64.60	-68.68	-64.74	-62.81	-60.79	-51.29	-52.36	-63.77	-63.39	-54.51	-60.29	-62.42	-69.70	-63.13	-60.47
ALBANY___3	79.34	74.99	71.29	69.69	66.33	66.95	73.05	79.41	79.74	81.76	85.46	82.38	79.43	76.81	67.98	69.06	84.39	94.01	85.31	87.32	83.71	86.37	77.57	71.98
23573	0.41	0.35	0.33	0.32	0.40	0.44	0.56	0.62	0.93	0.99	0.97	1.01	0.96	0.94	0.94	0.91	1.15	1.71	1.72	1.51	1.22	0.99	0.86	0.57
	-70.57	-67.59	-64.32	-62.76	-57.79	-57.49	-61.42	-66.37	-63.78	-64.60	-68.68	-64.74	-62.81	-60.79	-51.29	-52.36	-63.77	-63.39	-54.51	-60.29	-62.42	-69.70	-63.13	-60.47
ALBANY___4	79.34	74.99	71.29	69.69	66.33	66.95	73.05	79.41	79.74	81.76	85.46	82.38	79.43	76.81	67.98	69.06	84.39	94.01	85.31	87.32	83.71	86.37	77.57	71.98
23574	0.41	0.35	0.33	0.32	0.40	0.44	0.56	0.62	0.93	0.99	0.97	1.01	0.96	0.94	0.94	0.91	1.15	1.71	1.72	1.51	1.22	0.99	0.86	0.57
	-70.57	-67.59	-64.32	-62.76	-57.79	-57.49	-61.42	-66.37	-63.78	-64.60	-68.68	-64.74	-62.81	-60.79	-51.29	-52.36	-63.77	-63.39	-54.51	-60.29	-62.42	-69.70	-63.13	-60.47

ALBANY___LFGE 323615	81.11 0.50 -72.24	76.65 0.42 -69.17	72.87 0.40 -65.82	71.23 0.40 -64.22	67.76 0.48 -59.14	68.39 0.54 -58.83	74.60 0.68 -62.85	81.10 0.77 -67.92	81.40 1.11 -65.27	83.44 1.17 -66.10	87.25 1.15 -70.28	84.07 1.20 -66.25	81.07 1.13 -64.27	78.39 1.10 -62.20	69.35 1.12 -52.49	70.45 1.09 -53.58	86.09 1.36 -65.26	95.84 2.05 -64.87	86.93 2.07 -55.78	89.03 1.81 -61.69	85.38 1.45 -63.86	88.17 1.16 -71.33	79.19 1.00 -64.61	73.51 0.69 -61.87
ALCOA_RYNLDS___DRP 24188	6.61 -0.20 1.55	5.42 -0.16 1.48	5.09 -0.15 1.41	5.09 -0.15 1.37	6.68 -0.19 1.27	7.52 -0.23 1.26	9.42 -0.31 1.35	10.55 -0.41 1.45	12.90 -0.59 1.53	14.04 -0.58 1.55	13.62 -0.55 1.65	14.52 -0.55 1.55	13.64 -0.52 1.51	13.14 -0.48 1.46	14.00 -0.52 1.23	13.96 -0.57 1.26	17.25 -0.68 1.53	26.32 -1.07 1.52	26.90 -0.87 1.31	23.41 -0.66 1.45	18.13 -0.56 1.38	13.57 -0.44 1.68	11.85 -0.34 1.38	9.40 -0.22 1.32
ALCOA___DSASP 323711	6.61 -0.20 1.55	5.42 -0.16 1.48	5.09 -0.15 1.41	5.09 -0.15 1.37	6.68 -0.19 1.27	7.52 -0.23 1.26	9.42 -0.31 1.35	10.55 -0.41 1.45	12.90 -0.59 1.53	14.04 -0.58 1.55	13.62 -0.55 1.65	14.52 -0.55 1.55	13.64 -0.52 1.51	13.14 -0.48 1.46	14.00 -0.52 1.23	13.96 -0.57 1.26	17.25 -0.68 1.53	26.32 -1.07 1.52	26.90 -0.87 1.31	23.41 -0.66 1.45	18.13 -0.56 1.38	13.57 -0.44 1.68	11.85 -0.34 1.38	9.40 -0.22 1.32
ALLEGHENY___COGEN 23514	14.17 0.38 -5.43	12.55 0.32 -5.18	11.85 0.28 -4.93	11.70 0.28 -4.81	12.93 0.37 -4.43	13.87 0.45 -4.40	16.33 0.55 -4.71	18.08 0.58 -5.09	20.45 0.54 -4.88	21.65 0.53 -4.95	21.65 0.57 -5.26	22.07 0.48 -4.96	20.93 0.45 -4.81	20.24 0.50 -4.65	20.16 0.49 -3.93	20.33 0.54 -4.01	24.98 0.62 -4.88	34.81 1.04 -4.86	34.34 1.08 -4.17	30.98 0.84 -4.62	26.09 0.78 -5.23	21.65 0.63 -5.34	18.79 0.38 -4.84	15.94 0.36 -4.63
ALTONA_WT_PWR 323606	6.63 -0.23 1.51	5.44 -0.18 1.44	5.11 -0.17 1.37	5.12 -0.16 1.33	6.71 -0.20 1.23	7.55 -0.24 1.22	9.45 -0.32 1.30	10.57 -0.43 1.41	12.94 -0.60 1.48	14.09 -0.58 1.50	13.67 -0.55 1.60	14.59 -0.53 1.51	13.69 -0.52 1.46	13.19 -0.48 1.41	14.04 -0.52 1.19	14.00 -0.57 1.22	17.34 -0.64 1.48	26.40 -1.04 1.47	26.97 -0.84 1.27	23.46 -0.66 1.40	18.22 -0.54 1.31	13.61 -0.46 1.62	11.87 -0.37 1.34	9.44 -0.22 1.28
AMERICAN_REF_FUEL 24010	13.05 -0.01 -4.69	11.59 0.06 -4.48	10.93 0.03 -4.26	10.81 0.04 -4.16	12.02 0.05 -3.83	12.88 0.05 -3.81	15.03 0.05 -4.07	16.70 -0.11 -4.40	18.96 -0.29 -4.22	20.03 -0.42 -4.28	20.05 -0.32 -4.55	20.40 -0.52 -4.29	19.32 -0.50 -4.16	18.73 -0.38 -4.02	18.70 -0.44 -3.40	18.85 -0.39 -3.47	23.03 -0.66 -4.22	32.01 -1.10 -4.20	31.50 -1.19 -3.61	28.45 -1.07 -3.99	24.00 -0.66 -4.59	19.97 -0.33 -4.62	17.32 -0.43 -4.18	14.71 -0.24 -4.01
ARTHUR_KILL_GT_1 23520	51.63 0.70 -42.56	48.14 0.56 -40.53	45.75 0.53 -38.57	44.76 0.52 -37.63	43.42 0.63 -34.65	44.19 0.69 -34.47	48.77 0.87 -36.83	53.22 1.00 -39.80	54.59 1.31 -38.26	56.38 1.46 -38.75	58.43 1.41 -41.20	56.99 1.53 -38.84	54.85 1.50 -37.68	52.94 1.39 -36.47	48.09 1.57 -30.77	48.85 1.66 -31.41	59.69 1.99 -38.24	60.16 2.95 -28.30	60.16 2.85 -28.22	60.16 2.53 -32.11	59.79 2.07 -37.65	59.06 1.58 -41.80	52.90 1.47 -37.86	48.21 1.01 -36.26
ARTHUR_KILL_2 23512	51.63 0.70 -42.56	48.14 0.56 -40.53	45.75 0.53 -38.57	44.76 0.52 -37.63	43.42 0.63 -34.65	44.19 0.69 -34.47	48.77 0.87 -36.83	53.22 1.00 -39.80	54.59 1.31 -38.26	56.38 1.46 -38.75	58.43 1.41 -41.20	56.99 1.53 -38.84	54.85 1.50 -37.68	52.94 1.39 -36.47	48.09 1.57 -30.77	48.85 1.66 -31.41	59.69 1.99 -38.24	60.16 2.95 -28.30	60.16 2.85 -28.22	60.16 2.53 -32.11	59.79 2.07 -37.65	59.06 1.58 -41.80	52.90 1.47 -37.86	48.21 1.01 -36.26
ARTHUR_KILL_3 23513	51.57 0.65 -42.54	48.10 0.53 -40.52	45.72 0.51 -38.56	44.73 0.50 -37.62	43.39 0.61 -34.64	44.17 0.69 -34.47	48.80 0.91 -36.83	53.25 1.04 -39.80	54.68 1.40 -38.26	56.48 1.55 -38.75	58.49 1.47 -41.20	57.08 1.61 -38.84	54.90 1.55 -37.68	52.98 1.43 -36.46	48.14 1.62 -30.77	48.86 1.67 -31.41	59.71 2.01 -38.24	60.26 3.06 -28.29	60.27 2.97 -28.21	60.23 2.60 -32.10	59.84 2.13 -37.64	59.03 1.55 -41.79	52.82 1.39 -37.85	48.15 0.95 -36.25
ASHOKAN____ 23654	57.94 0.86 -48.71	54.92 0.76 -47.11	52.17 0.70 -44.83	51.07 0.72 -43.74	49.25 0.83 -40.28	50.00 0.91 -40.07	55.01 1.13 -42.81	59.89 1.22 -46.26	60.72 1.67 -44.03	62.50 1.73 -44.59	64.98 1.76 -47.40	63.16 1.85 -44.69	60.56 1.54 -43.36	58.48 1.43 -41.96	52.68 1.53 -35.40	53.61 1.69 -36.14	66.47 2.55 -44.45	77.17 4.08 -44.18	70.71 3.64 -37.99	70.73 3.19 -42.02	66.13 2.39 -43.67	66.02 1.76 -48.58	59.11 1.53 -44.00	54.11 1.03 -42.14
ASTORIA_EAST_ENERGY_CC1 323581	51.59 0.67 -42.56	48.11 0.53 -40.53	45.72 0.50 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.15 0.67 -34.46	48.75 0.86 -36.82	53.21 1.00 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	56.99 1.53 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.83 1.64 -31.41	59.63 1.93 -38.23	69.81 2.89 -38.00	64.55 2.79 -32.68	64.12 2.45 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.82 1.39 -37.86	48.16 0.96 -36.26
ASTORIA_EAST_ENERGY_CC2 323582	51.59 0.67 -42.56	48.11 0.53 -40.53	45.72 0.50 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.15 0.67 -34.46	48.75 0.86 -36.82	53.21 1.00 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	56.99 1.53 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.83 1.64 -31.41	59.63 1.93 -38.23	69.81 2.89 -38.00	64.55 2.79 -32.68	64.12 2.45 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.82 1.39 -37.86	48.16 0.96 -36.26
ASTORIA_GT2_1 24094	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT2_2 24095	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT2_3 24096	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26

ASTORIA_GT2_4 24097	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT3_1 24098	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT3_2 24099	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT3_3 24100	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT3_4 24101	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT4_1 24102	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT4_2 24103	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT4_3 24104	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT4_4 24105	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT_1 23523	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT_10 24110	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
ASTORIA_GT_11 24225	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
ASTORIA_GT_12 24226	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
ASTORIA_GT_13 24227	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
ASTORIA_GT_5 24106	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26

ASTORIA_GT_7 24107	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA_GT_8 24108	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA___2 24149	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA___3 23516	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
ASTORIA___4 23517	51.60 0.68 -42.56	48.12 0.54 -40.53	45.73 0.51 -38.57	44.72 0.49 -37.62	43.39 0.60 -34.65	44.16 0.68 -34.46	48.76 0.87 -36.82	53.22 1.02 -39.79	54.61 1.34 -38.26	56.39 1.47 -38.74	58.42 1.41 -41.19	57.00 1.55 -38.83	54.86 1.52 -37.67	52.96 1.42 -36.46	48.10 1.59 -30.76	48.84 1.66 -31.41	59.65 1.95 -38.23	69.81 2.89 -38.00	64.58 2.82 -32.68	64.14 2.48 -36.14	59.76 2.05 -37.64	58.98 1.51 -41.79	52.83 1.40 -37.86	48.16 0.96 -36.26
ASTORIA___5 23518	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.38 2.70 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
AST_ENERGY_2_CC3 323677	51.62 0.70 -42.55	48.15 0.57 -40.53	45.76 0.55 -38.57	44.77 0.54 -37.63	43.45 0.66 -34.65	44.23 0.74 -34.47	48.86 0.96 -36.83	53.30 1.09 -39.80	54.73 1.44 -38.26	56.54 1.62 -38.75	58.57 1.55 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.94 1.75 -31.41	59.81 2.10 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.40 2.73 -36.15	59.93 2.21 -37.64	59.11 1.63 -41.79	52.87 1.44 -37.85	48.22 1.02 -36.25
AST_ENERGY_2_CC4 323678	51.62 0.70 -42.55	48.15 0.57 -40.53	45.76 0.55 -38.57	44.77 0.54 -37.63	43.45 0.66 -34.65	44.23 0.74 -34.47	48.86 0.96 -36.83	53.30 1.09 -39.80	54.73 1.44 -38.26	56.54 1.62 -38.75	58.57 1.55 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.94 1.75 -31.41	59.81 2.10 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.40 2.73 -36.15	59.93 2.21 -37.64	59.11 1.63 -41.79	52.87 1.44 -37.85	48.22 1.02 -36.25
ATHENS_STG_1 23668	58.71 0.45 -49.89	55.03 0.37 -47.60	52.30 0.36 -45.30	51.16 0.36 -44.20	49.28 0.44 -40.70	49.99 0.49 -40.49	54.94 0.62 -43.25	59.83 0.68 -46.74	60.91 0.96 -44.92	62.71 1.04 -45.50	65.20 1.01 -48.37	63.31 1.08 -45.60	60.93 1.02 -44.24	58.85 0.95 -42.81	52.91 1.04 -36.13	53.74 1.07 -36.88	65.68 1.30 -44.91	75.49 1.94 -44.64	69.39 1.92 -38.39	69.69 1.71 -42.46	65.60 1.40 -44.12	65.82 1.05 -49.09	58.93 0.90 -44.46	54.16 0.63 -42.58
ATHENS_STG_2 23670	58.71 0.45 -49.89	55.03 0.37 -47.60	52.30 0.36 -45.30	51.16 0.36 -44.20	49.28 0.44 -40.70	49.99 0.49 -40.49	54.94 0.62 -43.25	59.83 0.68 -46.74	60.91 0.96 -44.92	62.71 1.04 -45.50	65.20 1.01 -48.37	63.31 1.08 -45.60	60.93 1.02 -44.24	58.85 0.95 -42.81	52.91 1.04 -36.13	53.74 1.07 -36.88	65.68 1.30 -44.91	75.49 1.94 -44.64	69.39 1.92 -38.39	69.69 1.71 -42.46	65.60 1.40 -44.12	65.82 1.05 -49.09	58.93 0.90 -44.46	54.16 0.63 -42.58
ATHENS_STG_3 23677	58.71 0.45 -49.89	55.03 0.37 -47.60	52.30 0.36 -45.30	51.16 0.36 -44.20	49.28 0.44 -40.70	49.99 0.49 -40.49	54.94 0.62 -43.25	59.83 0.68 -46.74	60.91 0.96 -44.92	62.71 1.04 -45.50	65.20 1.01 -48.37	63.31 1.08 -45.60	60.93 1.02 -44.24	58.85 0.95 -42.81	52.91 1.04 -36.13	53.74 1.07 -36.88	65.68 1.30 -44.91	75.49 1.94 -44.64	69.39 1.92 -38.39	69.69 1.71 -42.46	65.60 1.40 -44.12	65.82 1.05 -49.09	58.93 0.90 -44.46	54.16 0.63 -42.58
AUBURN___LFGE 323710	12.68 0.39 -3.93	11.11 0.30 -3.75	10.49 0.27 -3.57	10.37 0.28 -3.48	11.70 0.36 -3.21	12.65 0.44 -3.19	15.04 0.56 -3.41	16.74 0.65 -3.68	19.27 0.71 -3.54	20.52 0.76 -3.58	20.37 0.74 -3.81	20.97 0.75 -3.59	19.82 0.67 -3.48	19.14 0.68 -3.37	19.27 0.68 -2.84	19.39 0.71 -2.90	23.92 0.92 -3.54	33.93 1.50 -3.52	33.65 1.54 -3.02	30.17 1.30 -3.34	25.05 1.06 -3.92	20.32 0.77 -3.87	17.62 0.54 -3.50	14.74 0.44 -3.36
BABYLON_RES_REC 323704	51.97 1.04 -42.56	48.43 0.84 -40.54	45.96 0.74 -38.58	44.97 0.73 -37.64	43.70 0.90 -34.66	44.55 1.05 -34.48	50.41 1.39 -37.95	53.79 1.58 -39.80	55.30 2.01 -38.27	58.76 2.17 -40.42	59.11 2.07 -41.22	57.70 2.21 -38.86	55.46 2.08 -37.71	53.46 1.90 -36.47	49.19 2.16 -31.28	56.77 2.24 -38.75	66.66 2.57 -44.62	85.87 3.82 -53.14	79.48 3.75 -46.64	69.23 3.29 -40.41	67.88 2.67 -45.14	65.67 2.01 -47.98	56.93 1.94 -41.42	48.64 1.41 -36.28
BARRETT_IC_1 23704	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_10 23701	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29

BARRETT_IC_11 23702	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_12 23703	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_2 23705	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_3 23706	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_4 23707	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_5 23708	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_6 23709	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_7 23710	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_8 23711	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT_IC_9 23700	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT__1 23545	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BARRETT__2 23546	51.94 0.94 -42.64	48.43 0.77 -40.61	45.91 0.68 -38.58	44.92 0.66 -37.64	43.63 0.83 -34.67	44.46 0.96 -34.48	53.10 1.23 -40.80	53.65 1.43 -39.81	55.13 1.83 -38.28	58.55 1.96 -40.42	58.88 1.83 -41.22	57.45 1.96 -38.86	55.28 1.90 -37.71	53.31 1.75 -36.48	51.16 1.90 -33.51	56.52 1.99 -38.75	66.55 2.45 -44.62	85.76 3.70 -53.15	79.37 3.64 -46.65	69.13 3.19 -40.42	67.79 2.57 -45.15	65.57 1.91 -47.98	56.70 1.71 -41.41	48.51 1.28 -36.29
BAYONEEC__CTG1 323682	51.61 0.69 -42.54	48.14 0.56 -40.52	45.75 0.54 -38.56	44.76 0.53 -37.62	43.43 0.65 -34.64	44.22 0.73 -34.47	48.85 0.95 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.55 1.53 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.93 1.74 -31.41	59.79 2.08 -38.24	60.35 3.15 -28.29	60.38 3.08 -28.21	60.33 2.70 -32.10	59.90 2.19 -37.64	59.09 1.62 -41.79	52.87 1.44 -37.85	48.20 1.01 -36.25
BAYONEEC__CTG2 323683	51.61 0.69 -42.54	48.14 0.56 -40.52	45.75 0.54 -38.56	44.76 0.53 -37.62	43.43 0.65 -34.64	44.22 0.73 -34.47	48.85 0.95 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.55 1.53 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.93 1.74 -31.41	59.79 2.08 -38.24	60.35 3.15 -28.29	60.38 3.08 -28.21	60.33 2.70 -32.10	59.90 2.19 -37.64	59.09 1.62 -41.79	52.87 1.44 -37.85	48.20 1.01 -36.25
BAYONEEC__CTG3 323684	51.61 0.69 -42.54	48.14 0.56 -40.52	45.75 0.54 -38.56	44.76 0.53 -37.62	43.43 0.65 -34.64	44.22 0.73 -34.47	48.85 0.95 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.55 1.53 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.93 1.74 -31.41	59.79 2.08 -38.24	60.35 3.15 -28.29	60.38 3.08 -28.21	60.33 2.70 -32.10	59.90 2.19 -37.64	59.09 1.62 -41.79	52.87 1.44 -37.85	48.20 1.01 -36.25

BAYONEEC___CTG4 323685	51.61 0.69 -42.54	48.14 0.56 -40.52	45.75 0.54 -38.56	44.76 0.53 -37.62	43.43 0.65 -34.64	44.22 0.73 -34.47	48.85 0.95 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.55 1.53 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.93 1.74 -31.41	59.79 2.08 -38.24	60.35 3.15 -28.29	60.38 3.08 -28.21	60.33 2.70 -32.10	59.90 2.19 -37.64	59.09 1.62 -41.79	52.87 1.44 -37.85	48.20 1.01 -36.25
BAYONEEC___CTG5 323686	51.61 0.69 -42.54	48.14 0.56 -40.52	45.75 0.54 -38.56	44.76 0.53 -37.62	43.43 0.65 -34.64	44.22 0.73 -34.47	48.85 0.95 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.55 1.53 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.93 1.74 -31.41	59.79 2.08 -38.24	60.35 3.15 -28.29	60.38 3.08 -28.21	60.33 2.70 -32.10	59.90 2.19 -37.64	59.09 1.62 -41.79	52.87 1.44 -37.85	48.20 1.01 -36.25
BAYONEEC___CTG6 323687	51.61 0.69 -42.54	48.14 0.56 -40.52	45.75 0.54 -38.56	44.76 0.53 -37.62	43.43 0.65 -34.64	44.22 0.73 -34.47	48.85 0.95 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.55 1.53 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.93 1.74 -31.41	59.79 2.08 -38.24	60.35 3.15 -28.29	60.38 3.08 -28.21	60.33 2.70 -32.10	59.90 2.19 -37.64	59.09 1.62 -41.79	52.87 1.44 -37.85	48.20 1.01 -36.25
BAYONEEC___CTG7 323688	51.61 0.69 -42.54	48.14 0.56 -40.52	45.75 0.54 -38.56	44.76 0.53 -37.62	43.43 0.65 -34.64	44.22 0.73 -34.47	48.85 0.95 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.55 1.53 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.93 1.74 -31.41	59.79 2.08 -38.24	60.35 3.15 -28.29	60.38 3.08 -28.21	60.33 2.70 -32.10	59.90 2.19 -37.64	59.09 1.62 -41.79	52.87 1.44 -37.85	48.20 1.01 -36.25
BAYONEEC___CTG8 323689	51.61 0.69 -42.54	48.14 0.56 -40.52	45.75 0.54 -38.56	44.76 0.53 -37.62	43.43 0.65 -34.64	44.22 0.73 -34.47	48.85 0.95 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.55 1.53 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.93 1.74 -31.41	59.79 2.08 -38.24	60.35 3.15 -28.29	60.38 3.08 -28.21	60.33 2.70 -32.10	59.90 2.19 -37.64	59.09 1.62 -41.79	52.87 1.44 -37.85	48.20 1.01 -36.25
BEACON___LESR 323632	78.74 0.51 -69.86	74.44 0.44 -66.95	70.76 0.41 -63.71	69.17 0.40 -62.16	65.87 0.49 -57.24	66.51 0.55 -56.94	72.61 0.71 -60.83	78.96 0.81 -65.74	79.37 1.17 -63.18	81.39 1.23 -63.98	85.04 1.20 -68.02	82.00 1.25 -64.12	79.06 1.18 -62.21	76.46 1.16 -60.21	67.72 1.17 -50.80	68.80 1.15 -51.87	84.07 1.44 -63.16	93.87 2.17 -62.79	85.28 2.21 -53.99	87.18 1.94 -59.71	83.45 1.55 -61.83	85.95 1.22 -69.04	77.17 1.06 -62.53	71.54 0.71 -59.89
BEAVER RIVER___HYD 24048	8.15 -0.22 0.00	6.87 -0.18 0.00	6.48 -0.17 0.00	6.44 -0.17 0.00	7.92 -0.22 0.00	8.73 -0.29 0.00	10.53 -0.54 0.00	11.75 -0.66 0.00	14.27 -0.75 0.00	15.38 -0.79 0.00	15.00 -0.82 0.00	15.96 -0.67 0.00	15.15 -0.52 0.00	14.59 -0.50 0.00	15.26 -0.49 0.00	15.13 -0.65 0.00	18.79 -0.68 0.00	27.84 -1.07 0.00	28.13 -0.96 0.00	24.61 -0.92 0.00	19.72 -0.80 -0.45	15.10 -0.58 0.00	13.01 -0.57 0.00	10.57 -0.37 0.00
BEEBEE_GT_13 23619	12.19 0.16 -3.67	10.69 0.13 -3.50	10.08 0.11 -3.33	9.97 0.11 -3.25	11.27 0.14 -2.99	12.19 0.19 -2.98	14.43 0.18 -3.18	16.00 0.15 -3.44	18.38 0.06 -3.30	19.55 0.03 -3.34	19.45 0.08 -3.55	19.96 -0.02 -3.35	18.95 0.03 -3.25	18.29 0.06 -3.15	18.47 0.06 -2.65	18.59 0.10 -2.71	22.81 0.04 -3.30	32.31 0.12 -3.28	32.05 0.15 -2.82	28.67 0.03 -3.12	23.91 0.14 -3.69	19.46 0.17 -3.61	16.87 0.03 -3.27	14.15 0.08 -3.13
BETHLEHEM___GRP 23843	79.34 0.41 -70.57	74.99 0.35 -67.59	71.29 0.33 -64.32	69.69 0.32 -62.76	66.33 0.40 -57.79	66.95 0.44 -57.49	73.05 0.56 -61.42	79.41 0.62 -66.37	79.74 0.93 -63.78	81.76 0.99 -64.60	85.46 0.97 -68.68	82.38 1.01 -64.74	79.43 0.96 -62.81	76.81 0.94 -60.79	67.98 0.94 -51.29	69.06 0.91 -52.36	84.39 1.15 -63.77	94.01 1.71 -63.39	85.31 1.72 -54.51	87.32 1.51 -60.29	83.71 1.22 -62.42	86.37 0.99 -69.70	77.57 0.86 -63.13	71.98 0.57 -60.47
BETHLEHEM___GS1 323560	79.34 0.41 -70.57	74.99 0.35 -67.59	71.29 0.33 -64.32	69.69 0.32 -62.76	66.33 0.40 -57.79	66.95 0.44 -57.49	73.05 0.56 -61.42	79.41 0.62 -66.37	79.74 0.93 -63.78	81.76 0.99 -64.60	85.46 0.97 -68.68	82.38 1.01 -64.74	79.43 0.96 -62.81	76.81 0.94 -60.79	67.98 0.94 -51.29	69.06 0.91 -52.36	84.39 1.15 -63.77	94.01 1.71 -63.39	85.31 1.72 -54.51	87.32 1.51 -60.29	83.71 1.22 -62.42	86.37 0.99 -69.70	77.57 0.86 -63.13	71.98 0.57 -60.47
BETHLEHEM___GS2 323561	79.34 0.41 -70.57	74.99 0.35 -67.59	71.29 0.33 -64.32	69.69 0.32 -62.76	66.33 0.40 -57.79	66.95 0.44 -57.49	73.05 0.56 -61.42	79.41 0.62 -66.37	79.74 0.93 -63.78	81.76 0.99 -64.60	85.46 0.97 -68.68	82.38 1.01 -64.74	79.43 0.96 -62.81	76.81 0.94 -60.79	67.98 0.94 -51.29	69.06 0.91 -52.36	84.39 1.15 -63.77	94.01 1.71 -63.39	85.31 1.72 -54.51	87.32 1.51 -60.29	83.71 1.22 -62.42	86.37 0.99 -69.70	77.57 0.86 -63.13	71.98 0.57 -60.47
BETHLEHEM___GS3 323562	79.34 0.41 -70.57	74.99 0.35 -67.59	71.29 0.33 -64.32	69.69 0.32 -62.76	66.33 0.40 -57.79	66.95 0.44 -57.49	73.05 0.56 -61.42	79.41 0.62 -66.37	79.74 0.93 -63.78	81.76 0.99 -64.60	85.46 0.97 -68.68	82.38 1.01 -64.74	79.43 0.96 -62.81	76.81 0.94 -60.79	67.98 0.94 -51.29	69.06 0.91 -52.36	84.39 1.15 -63.77	94.01 1.71 -63.39	85.31 1.72 -54.51	87.32 1.51 -60.29	83.71 1.22 -62.42	86.37 0.99 -69.70	77.57 0.86 -63.13	71.98 0.57 -60.47
BETHLEHEM___STEEL 23779	13.66 0.24 -5.05	12.12 0.24 -4.82	11.42 0.19 -4.59	11.30 0.21 -4.48	12.52 0.26 -4.12	13.43 0.31 -4.10	15.76 0.31 -4.38	17.55 0.41 -4.73	19.91 0.35 -4.55	21.05 0.27 -4.60	21.08 0.36 -4.89	21.44 0.20 -4.61	20.30 0.16 -4.48	19.67 0.26 -4.33	19.61 0.20 -3.66	19.78 0.27 -3.73	24.23 0.21 -4.55	33.66 0.23 -4.52	33.12 0.15 -3.89	29.92 0.10 -4.30	25.22 0.24 -4.91	20.97 0.31 -4.97	18.19 0.11 -4.50	15.39 0.13 -4.31
BETHPAGE_CC_5 323564	51.92 0.99 -42.56	48.40 0.80 -40.54	45.92 0.70 -38.58	44.94 0.69 -37.64	43.66 0.86 -34.66	44.50 1.00 -34.48	50.36 1.31 -37.98	53.66 1.44 -39.80	55.12 1.83 -38.27	58.58 1.99 -40.42	58.92 1.88 -41.22	57.50 2.01 -38.86	55.30 1.93 -37.71	53.31 1.75 -36.47	49.06 1.98 -31.33	56.58 2.05 -38.75	66.61 2.51 -44.62	85.81 3.76 -53.14	79.42 3.69 -46.64	69.18 3.24 -40.41	67.84 2.63 -45.14	65.64 1.98 -47.98	56.76 1.76 -41.42	48.54 1.31 -36.28
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.70 0.28 -5.04	12.15 0.27 -4.81	11.45 0.23 -4.58	11.32 0.24 -4.47	12.55 0.30 -4.12	13.46 0.35 -4.09	15.82 0.38 -4.37	17.62 0.48 -4.73	20.01 0.45 -4.54	21.15 0.37 -4.60	21.18 0.47 -4.89	21.55 0.32 -4.61	20.39 0.25 -4.47	19.76 0.35 -4.33	19.70 0.30 -3.65	19.87 0.36 -3.73	24.34 0.33 -4.54	33.86 0.43 -4.51	33.32 0.35 -3.88	30.07 0.26 -4.29	25.35 0.38 -4.90	21.05 0.41 -4.96	18.25 0.18 -4.50	15.44 0.19 -4.31

BINGHAMTON___COGEN 23790	19.27 0.24 -10.66	17.43 0.20 -10.17	16.51 0.19 -9.68	16.24 0.18 -9.44	17.07 0.24 -8.70	17.94 0.27 -8.65	20.71 0.40 -9.24	22.81 0.41 -9.99	25.05 0.44 -9.59	26.33 0.44 -9.72	26.58 0.43 -10.33	26.80 0.43 -9.74	25.49 0.38 -9.45	24.61 0.38 -9.14	23.86 0.39 -7.72	24.08 0.43 -7.88	29.57 0.51 -9.60	39.23 0.78 -9.54	38.10 0.81 -8.20	35.28 0.69 -9.07	30.52 0.62 -9.82	26.61 0.44 -10.49	23.39 0.31 -9.50	20.32 0.27 -9.10
BLACK RIVER___HYD 24047	8.22 -0.14 0.00	6.94 -0.11 0.00	6.53 -0.11 0.00	6.50 -0.11 0.00	7.99 -0.15 0.00	8.83 -0.19 0.00	10.69 -0.38 0.00	12.00 -0.41 0.00	14.56 -0.47 0.00	15.71 -0.47 0.00	15.31 -0.51 0.00	16.23 -0.40 0.00	15.37 -0.30 0.00	14.77 -0.32 0.00	15.43 -0.31 0.00	15.36 -0.43 0.00	19.12 -0.35 0.00	28.48 -0.43 0.00	28.74 -0.35 0.00	25.11 -0.41 0.00	20.13 -0.40 -0.46	15.35 -0.33 0.00	13.20 -0.38 0.00	10.69 -0.25 0.00
BLISS_WT_PWR 323608	14.47 0.32 -5.78	12.87 0.30 -5.52	12.14 0.25 -5.25	11.99 0.26 -5.12	13.19 0.33 -4.72	14.11 0.40 -4.69	16.67 0.59 -5.02	18.48 0.65 -5.42	20.81 0.59 -5.21	21.92 0.47 -5.27	21.98 0.55 -5.60	22.34 0.43 -5.28	21.12 0.33 -5.13	20.45 0.41 -4.96	20.30 0.36 -4.19	20.48 0.43 -4.27	25.12 0.45 -5.21	34.75 0.67 -5.17	34.12 0.58 -4.45	30.93 0.48 -4.92	26.18 0.56 -5.55	21.84 0.47 -5.69	18.98 0.24 -5.16	16.18 0.30 -4.94
BLUE_CIRC_CHEM_DRP 24182	78.59 0.29 -69.93	74.30 0.26 -66.98	70.63 0.25 -63.74	69.05 0.24 -62.19	65.70 0.29 -57.27	66.32 0.33 -56.97	72.35 0.42 -60.86	78.64 0.46 -65.77	78.93 0.71 -63.20	80.94 0.76 -64.01	84.61 0.74 -68.05	81.56 0.78 -64.15	78.64 0.74 -62.24	76.04 0.72 -60.23	67.31 0.74 -50.82	68.39 0.73 -51.88	83.54 0.88 -63.19	93.06 1.33 -62.82	84.41 1.31 -54.02	86.44 1.17 -59.74	82.87 0.94 -61.86	85.52 0.77 -69.07	76.82 0.68 -62.56	71.30 0.44 -59.92
BOC_GAS_DRP 24189	79.92 0.37 -71.18	75.51 0.32 -68.13	71.78 0.30 -64.84	70.17 0.30 -63.26	66.76 0.37 -58.26	67.38 0.41 -57.95	73.50 0.52 -61.91	79.89 0.57 -66.91	80.15 0.84 -64.29	82.19 0.91 -65.11	85.93 0.89 -69.22	82.82 0.93 -65.26	79.86 0.88 -63.31	77.20 0.84 -61.27	68.31 0.87 -51.70	69.41 0.85 -52.78	84.80 1.05 -64.28	94.37 1.56 -63.90	85.60 1.57 -54.95	87.67 1.38 -60.77	84.11 1.12 -62.91	86.85 0.91 -70.26	78.00 0.79 -63.64	72.42 0.53 -60.95
BORALEX_4TH_BRANCH 23824	80.12 0.65 -71.10	75.62 0.56 -68.01	71.88 0.52 -64.72	70.27 0.52 -63.14	66.93 0.64 -58.15	67.57 0.71 -57.84	73.72 0.85 -61.79	80.12 0.93 -66.78	80.56 1.37 -64.17	82.64 1.47 -64.99	86.36 1.44 -69.10	83.24 1.48 -65.14	80.26 1.39 -63.20	77.57 1.33 -61.16	68.75 1.40 -51.60	69.90 1.44 -52.69	85.44 1.81 -64.16	95.41 2.72 -63.78	86.63 2.71 -54.84	88.55 2.37 -60.66	84.73 1.87 -62.79	87.29 1.47 -70.13	78.31 1.21 -63.52	72.66 0.88 -60.84
BOWLINE___1 23526	49.96 0.64 -40.95	46.61 0.53 -39.02	44.29 0.51 -37.14	43.35 0.50 -36.23	42.13 0.63 -33.37	42.90 0.69 -33.19	47.43 0.90 -35.46	51.74 1.00 -38.32	53.17 1.31 -36.84	54.93 1.44 -37.31	56.88 1.39 -39.67	55.52 1.50 -37.40	53.38 1.43 -36.28	51.53 1.33 -35.11	46.85 1.48 -29.63	47.57 1.55 -30.25	58.18 1.89 -36.82	68.37 2.86 -36.60	63.35 2.79 -31.47	62.81 2.48 -34.81	58.35 2.01 -36.27	57.40 1.47 -40.24	51.30 1.28 -36.45	46.76 0.91 -34.91
BOWLINE___2 23595	49.98 0.66 -40.95	46.62 0.54 -39.03	44.30 0.52 -37.14	43.36 0.51 -36.24	42.14 0.63 -33.37	42.92 0.70 -33.20	47.44 0.91 -35.46	51.76 1.02 -38.32	53.21 1.34 -36.85	54.96 1.47 -37.32	56.92 1.42 -39.67	55.56 1.53 -37.40	53.39 1.44 -36.29	51.56 1.36 -35.12	46.88 1.50 -29.63	47.59 1.56 -30.25	58.22 1.93 -36.82	68.44 2.92 -36.61	63.41 2.85 -31.47	62.84 2.50 -34.81	58.39 2.05 -36.27	57.42 1.49 -40.25	51.33 1.30 -36.46	46.78 0.92 -34.91
BROOKHAVEN___DRP 24191	52.05 1.12 -42.56	48.50 0.92 -40.53	46.02 0.80 -38.58	45.03 0.79 -37.64	43.78 0.98 -34.66	44.63 1.14 -34.48	50.39 1.54 -37.78	53.95 1.74 -39.80	55.50 2.21 -38.27	58.99 2.39 -40.42	59.29 2.25 -41.22	57.88 2.40 -38.86	55.61 2.24 -37.70	53.58 2.02 -36.47	49.22 2.33 -31.14	56.96 2.43 -38.75	67.13 3.04 -44.62	86.54 4.48 -53.14	80.14 4.42 -46.64	69.84 3.91 -40.41	68.36 3.15 -45.14	66.03 2.37 -47.98	57.15 2.16 -41.42	48.78 1.55 -36.28
BROOKLYN_NAVY_YARD 23515	51.61 0.69 -42.55	48.14 0.56 -40.53	45.75 0.54 -38.57	44.76 0.52 -37.63	43.43 0.64 -34.65	44.21 0.72 -34.47	48.84 0.94 -36.83	53.29 1.08 -39.80	54.73 1.44 -38.26	56.53 1.60 -38.75	58.53 1.52 -41.20	57.11 1.65 -38.84	54.93 1.58 -37.68	53.01 1.46 -36.46	48.17 1.65 -30.77	48.91 1.72 -31.41	59.79 2.08 -38.24	70.07 3.15 -38.01	64.82 3.05 -32.68	64.35 2.68 -36.15	59.91 2.19 -37.64	59.08 1.60 -41.79	52.87 1.44 -37.85	48.19 1.00 -36.25
BROOKLYN___ARMY_DRP 323595	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
BROOME_2_LFGE 323671	19.27 0.24 -10.66	17.43 0.20 -10.17	16.51 0.19 -9.68	16.24 0.18 -9.44	17.07 0.24 -8.70	17.94 0.27 -8.65	20.71 0.40 -9.24	22.81 0.41 -9.99	25.05 0.44 -9.59	26.33 0.44 -9.72	26.58 0.43 -10.33	26.80 0.43 -9.74	25.49 0.38 -9.45	24.61 0.38 -9.14	23.86 0.39 -7.72	24.08 0.43 -7.88	29.57 0.51 -9.60	39.23 0.78 -9.54	38.10 0.81 -8.20	35.28 0.69 -9.07	30.52 0.62 -9.82	26.61 0.44 -10.49	23.39 0.31 -9.50	20.32 0.27 -9.10
BROOME___LFGE 323600	19.27 0.24 -10.66	17.43 0.20 -10.17	16.51 0.19 -9.68	16.24 0.18 -9.44	17.07 0.24 -8.70	17.94 0.27 -8.65	20.71 0.40 -9.24	22.81 0.41 -9.99	25.05 0.44 -9.59	26.33 0.44 -9.72	26.58 0.43 -10.33	26.80 0.43 -9.74	25.49 0.38 -9.45	24.61 0.38 -9.14	23.86 0.39 -7.72	24.08 0.43 -7.88	29.57 0.51 -9.60	39.23 0.78 -9.54	38.10 0.81 -8.20	35.28 0.69 -9.07	30.52 0.62 -9.82	26.61 0.44 -10.49	23.39 0.31 -9.50	20.32 0.27 -9.10
BURROWS___LYONSDAL 23803	6.77 -0.05 1.54	5.55 -0.04 1.47	5.21 -0.03 1.40	5.21 -0.03 1.36	6.83 -0.05 1.26	7.70 -0.07 1.25	9.56 -0.18 1.33	10.76 -0.21 1.44	13.41 -0.21 1.40	14.53 -0.23 1.42	14.06 -0.25 1.51	15.04 -0.17 1.42	14.18 -0.11 1.38	13.63 -0.12 1.34	14.51 -0.11 1.13	14.44 -0.19 1.15	17.93 -0.14 1.40	27.34 -0.17 1.39	27.77 -0.12 1.20	24.05 -0.15 1.33	19.05 -0.16 0.86	14.01 -0.14 1.53	12.01 -0.19 1.37	9.52 -0.11 1.31
CAITHNESS_CC_1 323624	52.02 1.10 -42.56	48.48 0.89 -40.53	46.00 0.78 -38.58	45.01 0.77 -37.64	43.76 0.96 -34.66	44.60 1.11 -34.48	50.36 1.51 -37.78	53.92 1.70 -39.80	55.45 2.16 -38.27	58.96 2.36 -40.42	59.24 2.20 -41.22	57.83 2.35 -38.86	55.58 2.21 -37.70	53.55 1.99 -36.47	49.19 2.30 -31.14	56.92 2.38 -38.75	67.05 2.96 -44.62	86.42 4.37 -53.14	80.03 4.30 -46.64	69.74 3.80 -40.41	68.28 3.07 -45.14	65.98 2.32 -47.98	57.11 2.12 -41.42	48.74 1.52 -36.28

CALPINE BETH_PAGE_GT4 24209	51.90 0.97 -42.57	48.39 0.79 -40.54	45.92 0.70 -38.58	44.93 0.68 -37.64	43.65 0.85 -34.66	44.48 0.98 -34.48	50.40 1.26 -38.07	53.63 1.41 -39.80	55.09 1.80 -38.27	58.53 1.94 -40.42	58.89 1.85 -41.22	57.47 1.98 -38.86	55.27 1.90 -37.71	53.28 1.72 -36.47	49.11 1.95 -31.41	56.55 2.02 -38.75	66.59 2.49 -44.62	85.81 3.76 -53.14	79.42 3.69 -46.64	69.20 3.27 -40.41	67.84 2.63 -45.14	65.62 1.96 -47.98	56.74 1.75 -41.42	48.54 1.31 -36.28
CALPINE_BETH_PAGE_GT_4 323586	51.90 0.97 -42.57	48.39 0.79 -40.54	45.92 0.70 -38.58	44.93 0.68 -37.64	43.65 0.85 -34.66	44.48 0.98 -34.48	50.40 1.26 -38.07	53.63 1.41 -39.80	55.09 1.80 -38.27	58.53 1.94 -40.42	58.89 1.85 -41.22	57.47 1.98 -38.86	55.27 1.90 -37.71	53.28 1.72 -36.47	49.11 1.95 -31.41	56.55 2.02 -38.75	66.59 2.49 -44.62	85.81 3.76 -53.14	79.42 3.69 -46.64	69.20 3.27 -40.41	67.84 2.63 -45.14	65.62 1.96 -47.98	56.74 1.75 -41.42	48.54 1.31 -36.28
CALPINE_BP_GT1 23823	51.90 0.97 -42.57	48.39 0.79 -40.54	45.92 0.70 -38.58	44.93 0.68 -37.64	43.65 0.85 -34.66	44.48 0.98 -34.48	50.40 1.26 -38.07	53.63 1.41 -39.80	55.09 1.80 -38.27	58.53 1.94 -40.42	58.89 1.85 -41.22	57.47 1.98 -38.86	55.27 1.90 -37.71	53.28 1.72 -36.47	49.11 1.95 -31.41	56.55 2.02 -38.75	66.59 2.49 -44.62	85.81 3.76 -53.14	79.42 3.69 -46.64	69.20 3.27 -40.41	67.84 2.63 -45.14	65.62 1.96 -47.98	56.74 1.75 -41.42	48.54 1.31 -36.28
CALSPAN___DRP 24200	13.66 0.24 -5.05	12.12 0.24 -4.82	11.42 0.19 -4.59	11.30 0.21 -4.48	12.52 0.26 -4.12	13.43 0.31 -4.10	15.76 0.31 -4.38	17.55 0.41 -4.73	19.91 0.35 -4.55	21.05 0.27 -4.60	21.08 0.36 -4.89	21.44 0.20 -4.61	20.30 0.16 -4.48	19.67 0.26 -4.33	19.61 0.20 -3.66	19.78 0.27 -3.73	24.23 0.21 -4.55	33.66 0.23 -4.52	33.12 0.15 -3.89	29.92 0.10 -4.30	25.22 0.24 -4.91	20.97 0.31 -4.97	18.19 0.11 -4.50	15.39 0.13 -4.31
CANDIGU_WT_PWR 323617	15.74 0.30 -7.08	14.08 0.27 -6.75	13.30 0.23 -6.43	13.13 0.24 -6.27	14.22 0.31 -5.77	15.12 0.36 -5.74	17.71 0.50 -6.14	19.58 0.53 -6.63	21.87 0.48 -6.37	23.06 0.44 -6.45	23.14 0.46 -6.86	23.48 0.38 -6.46	22.24 0.30 -6.27	21.52 0.36 -6.07	21.20 0.33 -5.12	21.40 0.39 -5.23	26.29 0.45 -6.37	35.94 0.69 -6.33	35.23 0.70 -5.44	32.13 0.59 -6.02	27.34 0.58 -6.68	23.10 0.46 -6.96	20.14 0.26 -6.31	17.27 0.28 -6.04
CARR STREET_E_SYR 24060	10.53 0.07 -2.09	9.10 0.05 -2.00	8.59 0.05 -1.90	8.51 0.05 -1.85	9.90 0.06 -1.71	10.80 0.08 -1.70	13.00 0.11 -1.81	14.46 0.09 -1.96	16.92 0.02 -1.88	18.10 0.02 -1.91	17.86 0.02 -2.03	18.54 0.00 -1.91	17.50 -0.02 -1.85	16.88 0.00 -1.79	17.25 -0.02 -1.51	17.32 0.00 -1.54	21.33 -0.02 -1.88	30.78 0.00 -1.87	30.72 0.03 -1.61	27.30 0.00 -1.78	22.42 0.04 -2.31	17.74 0.00 -2.06	15.45 0.01 -1.87	12.77 0.04 -1.79
CARTHAGE___PAPER 23857	8.19 -0.18 0.00	6.91 -0.14 0.00	6.51 -0.13 0.00	6.47 -0.14 0.00	7.97 -0.17 0.00	8.79 -0.23 0.00	10.63 -0.44 0.00	11.90 -0.51 0.00	14.45 -0.57 0.00	15.58 -0.60 0.00	15.19 -0.63 0.00	16.13 -0.50 0.00	15.29 -0.38 0.00	14.71 -0.38 0.00	15.37 -0.38 0.00	15.26 -0.52 0.00	18.98 -0.49 0.00	28.25 -0.66 0.00	28.50 -0.58 0.00	24.94 -0.59 0.00	19.97 -0.56 -0.46	15.26 -0.42 0.00	13.13 -0.45 0.00	10.65 -0.29 0.00
CE_DUNWOOD___DRP 24194	51.51 0.71 -42.43	48.04 0.58 -40.41	45.66 0.56 -38.46	44.68 0.55 -37.52	43.36 0.67 -34.55	44.14 0.75 -34.37	48.75 0.96 -36.72	53.17 1.08 -39.68	54.60 1.43 -38.15	56.38 1.57 -38.64	58.41 1.52 -41.08	57.00 1.65 -38.72	54.80 1.57 -37.57	52.89 1.45 -36.36	48.03 1.61 -30.68	48.77 1.67 -31.32	59.68 2.08 -38.13	69.96 3.15 -37.90	64.72 3.05 -32.59	64.25 2.68 -36.04	59.80 2.19 -37.54	58.95 1.60 -41.67	52.72 1.40 -37.74	48.09 1.00 -36.15
CE_MILLWOOD___DRP 24193	51.34 0.69 -42.28	47.89 0.56 -40.27	45.51 0.54 -38.32	44.54 0.54 -37.39	43.23 0.66 -34.43	44.00 0.73 -34.25	48.60 0.94 -36.59	53.02 1.07 -39.54	54.44 1.40 -38.02	56.22 1.54 -38.51	58.24 1.49 -40.94	56.82 1.60 -38.59	54.63 1.52 -37.44	52.74 1.42 -36.23	47.90 1.57 -30.57	48.64 1.64 -31.21	59.49 2.02 -38.00	69.74 3.06 -37.77	64.56 3.00 -32.48	64.07 2.63 -35.92	59.61 2.13 -37.41	58.78 1.57 -41.53	52.56 1.37 -37.62	47.94 0.97 -36.03
CE_NYC2_DRP 24202	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.58 1.57 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
CE_NYC_DRP 24195	51.65 0.73 -42.55	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.46 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.82	53.34 1.13 -39.80	54.77 1.49 -38.26	56.59 1.67 -38.75	58.61 1.60 -41.20	57.19 1.73 -38.84	55.01 1.66 -37.68	53.09 1.54 -36.46	48.25 1.73 -30.77	48.97 1.78 -31.41	59.87 2.16 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.48 2.81 -36.15	59.98 2.27 -37.64	59.15 1.68 -41.79	52.91 1.48 -37.85	48.24 1.04 -36.25
CHAFFEE___LFGE 323603	14.04 0.27 -5.41	12.48 0.26 -5.16	11.77 0.21 -4.91	11.63 0.23 -4.79	12.83 0.28 -4.41	13.75 0.34 -4.39	16.15 0.39 -4.69	17.96 0.48 -5.07	20.34 0.45 -4.87	21.46 0.36 -4.93	21.52 0.46 -5.24	21.87 0.30 -4.94	20.70 0.24 -4.79	20.05 0.33 -4.64	19.95 0.28 -3.91	20.12 0.35 -4.00	24.67 0.33 -4.87	34.18 0.43 -4.84	33.62 0.38 -4.16	30.41 0.28 -4.60	25.67 0.38 -5.22	21.41 0.41 -5.32	18.57 0.18 -4.82	15.75 0.19 -4.62
CHATEAUG_WT_PWR 323614	6.62 -0.24 1.51	5.42 -0.20 1.44	5.10 -0.18 1.37	5.10 -0.17 1.33	6.69 -0.22 1.23	7.53 -0.26 1.22	9.41 -0.35 1.31	10.53 -0.47 1.41	12.91 -0.63 1.49	14.04 -0.63 1.50	13.62 -0.60 1.60	14.54 -0.58 1.51	13.66 -0.55 1.46	13.14 -0.53 1.42	14.00 -0.55 1.19	13.95 -0.62 1.22	17.28 -0.70 1.49	26.28 -1.16 1.48	26.88 -0.93 1.27	23.38 -0.74 1.40	18.14 -0.62 1.31	13.56 -0.50 1.62	11.84 -0.39 1.34	9.41 -0.25 1.29
CHAT_HIGH_FALL_HYD 323578	6.61 -0.30 1.46	5.43 -0.24 1.39	5.10 -0.23 1.32	5.10 -0.22 1.29	6.67 -0.28 1.19	7.50 -0.33 1.18	9.35 -0.45 1.26	10.46 -0.58 1.36	12.81 -0.78 1.43	13.93 -0.79 1.45	13.53 -0.74 1.54	14.44 -0.73 1.45	13.58 -0.67 1.41	13.09 -0.63 1.37	13.92 -0.68 1.15	13.86 -0.74 1.18	17.16 -0.88 1.43	26.07 -1.42 1.43	26.66 -1.19 1.23	23.22 -0.94 1.36	18.03 -0.80 1.24	13.49 -0.63 1.57	11.78 -0.50 1.30	9.37 -0.33 1.24
CHAUTAUQUA___LFGE 323629	13.96 0.32 -5.27	12.39 0.30 -5.03	11.68 0.25 -4.79	11.55 0.26 -4.67	12.77 0.33 -4.30	13.69 0.40 -4.28	16.11 0.46 -4.57	17.94 0.58 -4.94	20.34 0.57 -4.74	21.48 0.50 -4.80	21.51 0.59 -5.11	21.89 0.45 -4.81	20.70 0.36 -4.67	20.06 0.45 -4.52	19.96 0.39 -3.81	20.13 0.46 -3.89	24.68 0.47 -4.74	34.26 0.64 -4.72	33.72 0.58 -4.05	30.47 0.46 -4.48	25.69 0.52 -5.10	21.37 0.50 -5.19	18.53 0.26 -4.70	15.69 0.25 -4.50



CH_MIDHUDSON___DRP 24192	56.97 0.74 -47.86	54.87 0.69 -47.12	52.14 0.65 -44.85	51.01 0.65 -43.76	49.21 0.78 -40.29	49.97 0.87 -40.08	55.01 1.12 -42.82	59.94 1.25 -46.27	61.21 1.65 -44.54	63.06 1.78 -45.10	65.53 1.76 -47.95	63.69 1.86 -45.20	61.23 1.71 -43.86	59.15 1.61 -42.44	53.29 1.73 -35.81	54.14 1.80 -36.56	66.30 2.37 -44.46	76.78 3.67 -44.20	70.58 3.49 -38.00	70.62 3.06 -42.03	66.18 2.43 -43.68	66.08 1.80 -48.60	59.14 1.55 -44.02	54.19 1.09 -42.16
CH_MISC_IPPS 23765	54.07 0.80 -44.90	51.38 0.69 -43.63	48.82 0.65 -41.52	47.78 0.65 -40.51	46.23 0.79 -37.31	47.01 0.88 -37.11	51.85 1.13 -39.65	56.52 1.27 -42.84	57.94 1.65 -41.27	59.75 1.78 -41.80	62.01 1.76 -44.43	60.39 1.88 -41.89	58.03 1.72 -40.64	56.03 1.61 -39.33	50.68 1.75 -33.19	51.49 1.83 -33.88	63.05 2.41 -41.16	73.53 3.70 -40.92	67.79 3.52 -35.19	67.53 3.09 -38.92	63.01 2.45 -40.49	62.48 1.80 -44.99	55.89 1.56 -40.75	51.09 1.12 -39.03
CH_RES_BVR_FALLS 23983	3.12 -0.05 5.20	2.06 -0.04 4.95	1.89 -0.04 4.71	1.97 -0.04 4.60	3.86 -0.04 4.24	4.75 -0.05 4.21	6.50 -0.07 4.50	7.44 -0.11 4.86	10.15 -0.14 4.74	11.23 -0.15 4.80	10.56 -0.16 5.10	11.66 -0.17 4.81	10.82 -0.19 4.66	10.38 -0.20 4.51	11.75 -0.19 3.81	11.72 -0.17 3.89	14.54 -0.19 4.74	23.91 -0.29 4.71	24.83 -0.20 4.05	20.87 -0.18 4.48	15.66 -0.14 4.28	10.40 -0.11 5.18	8.85 -0.09 4.63	6.44 -0.08 4.43
CH_RES_NIAGARA 23895	13.06 0.00 -4.70	11.60 0.06 -4.48	10.94 0.03 -4.27	10.81 0.04 -4.16	12.02 0.05 -3.83	12.90 0.06 -3.81	15.07 -0.08 -4.07	16.75 -0.06 -4.40	19.01 -0.24 -4.23	20.10 -0.36 -4.28	20.10 -0.27 -4.55	20.47 -0.45 -4.29	19.39 -0.44 -4.16	18.80 -0.32 -4.03	18.76 -0.39 -3.40	18.92 -0.33 -3.47	23.11 -0.58 -4.23	32.13 -0.98 -4.20	31.65 -1.05 -3.61	28.55 -0.97 -4.00	24.09 -0.58 -4.60	20.02 -0.28 -4.62	17.38 -0.38 -4.19	14.74 -0.22 -4.01
CH_RES_SYRACUSE 23985	11.03 0.09 -2.57	9.58 0.07 -2.45	9.04 0.07 -2.33	8.95 0.07 -2.27	10.31 0.08 -2.09	11.21 0.11 -2.08	13.44 0.14 -2.23	14.98 0.16 -2.41	17.48 0.15 -2.31	18.67 0.16 -2.34	18.46 0.16 -2.49	19.12 0.15 -2.34	18.07 0.12 -2.27	17.42 0.14 -2.20	17.73 0.13 -1.86	17.83 0.16 -1.90	21.95 0.17 -2.31	31.49 0.29 -2.29	31.35 0.29 -1.97	27.96 0.26 -2.18	23.01 0.22 -2.72	18.36 0.16 -2.52	15.96 0.10 -2.29	13.21 0.08 -2.19
CLINTON_WT_PWR 323605	6.62 -0.24 1.51	5.42 -0.20 1.44	5.10 -0.18 1.37	5.10 -0.17 1.33	6.69 -0.22 1.23	7.53 -0.26 1.22	9.41 -0.35 1.31	10.53 -0.47 1.41	12.91 -0.63 1.49	14.04 -0.63 1.50	13.62 -0.60 1.60	14.54 -0.58 1.51	13.66 -0.55 1.46	13.14 -0.53 1.42	14.00 -0.55 1.19	13.95 -0.62 1.22	17.28 -0.70 1.49	26.28 -1.16 1.48	26.88 -0.93 1.27	23.38 -0.74 1.40	18.14 -0.62 1.31	13.56 -0.50 1.62	11.84 -0.39 1.34	9.41 -0.25 1.29
CLINTON___LFGE 323618	6.65 -0.23 1.50	5.45 -0.18 1.42	5.13 -0.16 1.36	5.14 -0.15 1.32	6.72 -0.20 1.22	7.56 -0.24 1.21	9.44 -0.33 1.29	10.58 -0.43 1.40	12.95 -0.60 1.47	14.10 -0.58 1.49	13.71 -0.52 1.58	14.62 -0.52 1.49	13.72 -0.50 1.45	13.20 -0.48 1.40	14.06 -0.50 1.18	14.02 -0.55 1.21	17.37 -0.62 1.47	26.41 -1.04 1.46	27.01 -0.81 1.26	23.55 -0.59 1.39	18.30 -0.48 1.29	13.65 -0.42 1.61	11.89 -0.35 1.33	9.46 -0.21 1.27
COLONIE_LFGE___ 323577	82.20 0.58 -73.26	77.65 0.49 -70.10	73.81 0.46 -66.71	72.15 0.46 -65.08	68.63 0.56 -59.94	69.26 0.62 -59.62	75.53 0.76 -63.69	82.10 0.86 -68.83	82.40 1.23 -66.14	84.47 1.31 -66.99	88.32 1.28 -71.22	85.08 1.31 -67.14	82.04 1.24 -65.14	79.33 1.21 -63.04	70.18 1.24 -53.19	71.33 1.25 -54.30	87.18 1.58 -66.13	96.99 2.34 -65.74	88.00 2.39 -56.53	90.11 2.07 -62.52	86.43 1.65 -64.71	89.25 1.29 -72.28	80.15 1.10 -65.47	74.43 0.78 -62.71
CORNELL_____ 23752	14.75 0.32 -6.06	13.10 0.26 -5.79	12.39 0.24 -5.51	12.22 0.24 -5.37	13.39 0.30 -4.95	14.30 0.36 -4.92	16.79 0.46 -5.26	18.64 0.55 -5.68	21.09 0.62 -5.46	22.35 0.65 -5.53	22.33 0.63 -5.88	22.81 0.65 -5.54	21.62 0.58 -5.37	20.86 0.57 -5.20	20.72 0.58 -4.39	20.86 0.60 -4.48	25.73 0.80 -5.46	35.61 1.27 -5.43	35.06 1.31 -4.66	31.80 1.12 -5.16	26.77 0.90 -5.79	22.29 0.64 -5.96	19.44 0.46 -5.40	16.49 0.37 -5.18
COXSACKIE___GT 23611	60.65 0.69 -51.59	57.52 0.61 -49.86	54.66 0.56 -47.45	53.48 0.57 -46.30	51.45 0.68 -42.63	52.19 0.77 -42.41	57.34 0.96 -45.31	62.44 1.07 -48.96	63.32 1.50 -46.80	65.15 1.59 -47.39	67.79 1.58 -50.39	65.79 1.66 -47.50	63.21 1.46 -46.08	61.09 1.40 -44.60	54.84 1.46 -37.63	55.75 1.55 -38.42	68.63 2.12 -47.04	78.97 3.29 -46.76	72.37 3.08 -40.21	72.70 2.70 -44.47	68.35 2.09 -46.19	68.65 1.55 -51.42	61.49 1.34 -46.57	56.45 0.91 -44.60
CRESCENT___HYD 24018	82.20 0.58 -73.26	77.65 0.49 -70.10	73.81 0.46 -66.71	72.15 0.46 -65.08	68.63 0.56 -59.94	69.26 0.62 -59.62	75.53 0.76 -63.69	82.10 0.86 -68.83	82.40 1.23 -66.14	84.47 1.31 -66.99	88.32 1.28 -71.22	85.08 1.31 -67.14	82.04 1.24 -65.14	79.33 1.21 -63.04	70.18 1.24 -53.19	71.33 1.25 -54.30	87.18 1.58 -66.13	96.99 2.34 -65.74	88.00 2.39 -56.53	90.11 2.07 -62.52	86.43 1.65 -64.71	89.25 1.29 -72.28	80.15 1.10 -65.47	74.43 0.78 -62.71
CRUCIBLE_METL_DRP 24180	11.03 0.09 -2.57	9.58 0.07 -2.45	9.04 0.07 -2.33	8.95 0.07 -2.27	10.31 0.08 -2.09	11.21 0.11 -2.08	13.44 0.14 -2.23	14.98 0.16 -2.41	17.48 0.15 -2.31	18.67 0.16 -2.34	18.46 0.16 -2.49	19.12 0.15 -2.34	18.07 0.12 -2.27	17.42 0.14 -2.20	17.73 0.13 -1.86	17.83 0.16 -1.90	21.95 0.17 -2.31	31.49 0.29 -2.29	31.35 0.29 -1.97	27.96 0.26 -2.18	23.01 0.22 -2.72	18.36 0.16 -2.52	15.96 0.10 -2.29	13.21 0.08 -2.19
DANC___LFGE 323619	8.22 -0.14 0.00	6.94 -0.11 0.00	6.53 -0.11 0.00	6.50 -0.11 0.00	7.99 -0.15 0.00	8.83 -0.19 0.00	10.69 -0.38 0.00	12.00 -0.41 0.00	14.56 -0.47 0.00	15.71 -0.47 0.00	15.31 -0.51 0.00	16.23 -0.40 0.00	15.37 -0.30 0.00	14.77 -0.32 0.00	15.43 -0.31 0.00	15.36 -0.43 0.00	19.12 -0.35 0.00	28.48 -0.43 0.00	28.74 -0.35 0.00	25.11 -0.41 0.00	20.13 -0.40 -0.46	15.35 -0.33 0.00	13.20 -0.38 0.00	10.69 -0.25 0.00
DANSKAMMER___1 23586	54.07 0.80 -44.90	51.38 0.69 -43.63	48.82 0.65 -41.52	47.78 0.65 -40.51	46.23 0.79 -37.31	47.01 0.88 -37.11	51.85 1.13 -39.65	56.52 1.27 -42.84	57.94 1.65 -41.27	59.75 1.78 -41.80	62.01 1.76 -44.43	60.39 1.88 -41.89	58.03 1.72 -40.64	56.03 1.61 -39.33	50.68 1.75 -33.19	51.49 1.83 -33.88	63.05 2.41 -41.16	73.53 3.70 -40.92	67.79 3.52 -35.19	67.53 3.09 -38.92	63.01 2.45 -40.49	62.48 1.80 -44.99	55.89 1.56 -40.75	51.09 1.12 -39.03
DANSKAMMER___2 23589	54.07 0.80 -44.90	51.38 0.69 -43.63	48.82 0.65 -41.52	47.78 0.65 -40.51	46.23 0.79 -37.31	47.01 0.88 -37.11	51.85 1.13 -39.65	56.52 1.27 -42.84	57.94 1.65 -41.27	59.75 1.78 -41.80	62.01 1.76 -44.43	60.39 1.88 -41.89	58.03 1.72 -40.64	56.03 1.61 -39.33	50.68 1.75 -33.19	51.49 1.83 -33.88	63.05 2.41 -41.16	73.53 3.70 -40.92	67.79 3.52 -35.19	67.53 3.09 -38.92	63.01 2.45 -40.49	62.48 1.80 -44.99	55.89 1.56 -40.75	51.09 1.12 -39.03

DANSKAMMER___3 23590	54.07 0.80 -44.90	51.38 0.69 -43.63	48.82 0.65 -41.52	47.78 0.65 -40.51	46.23 0.79 -37.31	47.01 0.88 -37.11	51.85 1.13 -39.65	56.52 1.27 -42.84	57.94 1.65 -41.27	59.75 1.78 -41.80	62.01 1.76 -44.43	60.39 1.88 -41.89	58.03 1.72 -40.64	56.03 1.61 -39.33	50.68 1.75 -33.19	51.49 1.83 -33.88	63.05 2.41 -41.16	73.53 3.70 -40.92	67.79 3.52 -35.19	67.53 3.09 -38.92	63.01 2.45 -40.49	62.48 1.80 -44.99	55.89 1.56 -40.75	51.09 1.12 -39.03
DANSKAMMER___4 23591	54.07 0.80 -44.90	51.38 0.69 -43.63	48.82 0.65 -41.52	47.78 0.65 -40.51	46.23 0.79 -37.31	47.01 0.88 -37.11	51.85 1.13 -39.65	56.52 1.27 -42.84	57.94 1.65 -41.27	59.75 1.78 -41.80	62.01 1.76 -44.43	60.39 1.88 -41.89	58.03 1.72 -40.64	56.03 1.61 -39.33	50.68 1.75 -33.19	51.49 1.83 -33.88	63.05 2.41 -41.16	73.53 3.70 -40.92	67.79 3.52 -35.19	67.53 3.09 -38.92	63.01 2.45 -40.49	62.48 1.80 -44.99	55.89 1.56 -40.75	51.09 1.12 -39.03
DANSKAMMER___DIESEL 23592	54.07 0.80 -44.90	51.38 0.69 -43.63	48.82 0.65 -41.52	47.78 0.65 -40.51	46.23 0.79 -37.31	47.01 0.88 -37.11	51.85 1.13 -39.65	56.52 1.27 -42.84	57.94 1.65 -41.27	59.75 1.78 -41.80	62.01 1.76 -44.43	60.39 1.88 -41.89	58.03 1.72 -40.64	56.03 1.61 -39.33	50.68 1.75 -33.19	51.49 1.83 -33.88	63.05 2.41 -41.16	73.53 3.70 -40.92	67.79 3.52 -35.19	67.53 3.09 -38.92	63.01 2.45 -40.49	62.48 1.80 -44.99	55.89 1.56 -40.75	51.09 1.12 -39.03
DASHVILLE___HYD 23610	53.77 0.75 -44.65	51.01 0.66 -43.29	48.47 0.62 -41.20	47.43 0.62 -40.20	45.90 0.75 -37.02	46.67 0.83 -36.82	51.47 1.06 -39.34	56.10 1.18 -42.51	56.96 1.58 -40.36	58.75 1.70 -40.87	60.95 1.68 -43.46	59.39 1.80 -40.97	57.04 1.63 -39.74	55.07 1.52 -38.46	49.87 1.67 -32.45	50.68 1.77 -33.13	62.63 2.32 -40.84	73.07 3.56 -40.60	67.37 3.37 -34.91	67.10 2.96 -38.61	62.57 2.33 -40.17	62.05 1.73 -44.64	55.52 1.51 -40.44	50.72 1.05 -38.73
DELAWARE___LFGE 323621	21.18 0.39 -12.43	19.24 0.32 -11.87	18.25 0.31 -11.30	17.93 0.30 -11.02	18.66 0.37 -10.15	19.53 0.42 -10.10	22.40 0.54 -10.78	24.69 0.62 -11.65	27.01 0.80 -11.20	28.35 0.84 -11.34	28.68 0.81 -12.05	28.86 0.86 -11.36	27.51 0.81 -11.03	26.49 0.74 -10.67	25.55 0.80 -9.00	25.79 0.82 -9.19	31.70 1.03 -11.20	41.63 1.59 -11.13	40.28 1.63 -9.57	37.51 1.40 -10.58	32.64 1.16 -11.40	28.75 0.83 -12.24	25.34 0.68 -11.09	22.06 0.50 -10.62
DOGLEVILLE___HYD 23807	5.43 0.42 3.35	4.23 0.37 3.19	3.96 0.35 3.04	4.00 0.36 2.96	5.84 0.43 2.73	6.80 0.50 2.72	8.79 0.62 2.90	9.97 0.69 3.14	12.87 0.87 3.02	13.99 0.87 3.06	13.39 0.82 3.25	14.38 0.81 3.07	13.37 0.81 2.97	12.79 0.67 2.88	13.97 0.65 2.43	13.99 0.69 2.48	17.40 0.95 3.02	27.41 1.50 3.00	28.04 1.54 2.58	24.02 1.35 2.86	18.80 1.10 2.37	13.30 0.93 3.30	11.37 0.77 2.98	8.70 0.61 2.86
DUNKIRK___1 23563	13.93 0.31 -5.25	12.36 0.30 -5.01	11.66 0.25 -4.77	11.52 0.26 -4.65	12.75 0.33 -4.28	13.67 0.39 -4.26	16.08 0.45 -4.55	17.89 0.56 -4.92	20.29 0.54 -4.72	21.43 0.47 -4.78	21.47 0.57 -5.09	21.84 0.42 -4.79	20.66 0.34 -4.65	20.03 0.44 -4.50	19.92 0.38 -3.80	20.10 0.44 -3.88	24.64 0.45 -4.72	34.22 0.61 -4.70	33.65 0.52 -4.04	30.40 0.41 -4.47	25.65 0.50 -5.08	21.33 0.49 -5.16	18.50 0.24 -4.68	15.66 0.24 -4.48
DUNKIRK___2 23564	13.93 0.31 -5.25	12.36 0.30 -5.01	11.66 0.25 -4.77	11.52 0.26 -4.65	12.75 0.33 -4.28	13.67 0.39 -4.26	16.08 0.45 -4.55	17.89 0.56 -4.92	20.29 0.54 -4.72	21.43 0.47 -4.78	21.47 0.57 -5.09	21.84 0.42 -4.79	20.66 0.34 -4.65	20.03 0.44 -4.50	19.92 0.38 -3.80	20.10 0.44 -3.88	24.64 0.45 -4.72	34.22 0.61 -4.70	33.65 0.52 -4.04	30.40 0.41 -4.47	25.65 0.50 -5.08	21.33 0.49 -5.16	18.50 0.24 -4.68	15.66 0.24 -4.48
DUNKIRK___3 23565	13.80 0.28 -5.15	12.24 0.27 -4.91	11.54 0.23 -4.67	11.41 0.24 -4.56	12.64 0.30 -4.20	13.55 0.35 -4.18	15.93 0.40 -4.46	17.73 0.50 -4.82	20.12 0.47 -4.63	21.25 0.39 -4.69	21.28 0.47 -4.99	21.66 0.33 -4.70	20.49 0.27 -4.56	19.85 0.35 -4.41	19.77 0.30 -3.72	19.95 0.36 -3.80	24.43 0.33 -4.63	33.95 0.43 -4.60	33.39 0.35 -3.96	30.18 0.28 -4.38	25.44 0.38 -4.99	21.15 0.41 -5.06	18.34 0.18 -4.59	15.53 0.20 -4.39
DUNKIRK___4 23566	13.80 0.28 -5.15	12.24 0.27 -4.91	11.54 0.23 -4.67	11.41 0.24 -4.56	12.64 0.30 -4.20	13.55 0.35 -4.18	15.93 0.40 -4.46	17.73 0.50 -4.82	20.12 0.47 -4.63	21.25 0.39 -4.69	21.28 0.47 -4.99	21.66 0.33 -4.70	20.49 0.27 -4.56	19.85 0.35 -4.41	19.77 0.30 -3.72	19.95 0.36 -3.80	24.43 0.33 -4.63	33.95 0.43 -4.60	33.39 0.35 -3.96	30.18 0.28 -4.38	25.44 0.38 -4.99	21.15 0.41 -5.06	18.34 0.18 -4.59	15.53 0.20 -4.39
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.66 0.74 -42.55	48.18 0.60 -40.53	45.78 0.57 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.89 1.00 -36.83	53.33 1.12 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.16 1.70 -38.84	54.96 1.61 -37.68	53.06 1.51 -36.47	48.19 1.67 -30.77	48.93 1.74 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.97 2.25 -37.65	59.12 1.65 -41.79	52.87 1.44 -37.86	48.24 1.04 -36.25
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.28 0.70 -42.21	48.41 0.59 -40.77	46.00 0.56 -38.79	45.02 0.56 -37.85	43.68 0.68 -34.86	44.46 0.77 -34.67	49.10 0.98 -37.04	53.55 1.10 -40.03	55.09 1.44 -38.62	56.84 1.55 -39.12	58.92 1.52 -41.59	57.46 1.63 -39.20	55.22 1.52 -38.04	53.31 1.42 -36.81	48.37 1.56 -31.06	49.11 1.63 -31.71	60.03 2.10 -38.46	70.35 3.21 -38.23	65.04 3.08 -32.87	64.59 2.70 -36.36	60.10 2.17 -37.86	59.32 1.60 -42.04	53.04 1.39 -38.08	48.40 0.99 -36.47
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.63 0.71 -42.56	48.15 0.56 -40.53	45.75 0.54 -38.57	44.76 0.52 -37.62	43.43 0.64 -34.65	44.20 0.72 -34.46	48.82 0.93 -36.82	53.27 1.07 -39.79	54.67 1.40 -38.26	56.47 1.55 -38.74	58.50 1.49 -41.19	57.07 1.61 -38.83	54.92 1.58 -37.67	53.01 1.46 -36.46	48.18 1.67 -30.76	48.91 1.72 -31.41	59.72 2.02 -38.23	69.95 3.03 -38.00	64.70 2.94 -32.68	64.27 2.60 -36.14	59.84 2.13 -37.64	59.04 1.57 -41.79	52.89 1.45 -37.86	48.21 1.01 -36.26
EAST HAMPTON___GT 23717	52.55 1.62 -42.56	48.93 1.34 -40.53	46.41 1.19 -38.58	45.42 1.17 -37.64	44.25 1.46 -34.66	45.16 1.67 -34.48	51.11 2.26 -37.79	54.79 2.57 -39.80	56.52 3.23 -38.27	60.12 3.53 -40.42	60.38 3.34 -41.22	59.00 3.51 -38.86	56.65 3.28 -37.70	54.51 2.96 -36.47	50.21 3.32 -31.14	58.05 3.52 -38.75	68.67 4.58 -44.62	88.96 6.91 -53.14	82.58 6.86 -46.64	71.93 6.00 -40.41	70.01 4.80 -45.14	67.25 3.59 -47.98	58.13 3.14 -41.42	49.48 2.25 -36.28
EAST RIVER___6 23660	51.64 0.72 -42.55	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.46 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.59 1.67 -38.75	58.61 1.60 -41.20	57.19 1.73 -38.84	55.01 1.66 -37.68	53.10 1.55 -36.46	48.25 1.73 -30.77	48.99 1.80 -31.41	59.87 2.16 -38.24	70.22 3.29 -38.01	64.97 3.20 -32.68	64.48 2.81 -36.15	59.99 2.27 -37.64	59.15 1.68 -41.79	52.91 1.48 -37.85	48.24 1.04 -36.25

EAST_RIVER___7 23524	51.64 0.72 -42.55	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.46 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.59 1.67 -38.75	58.61 1.60 -41.20	57.19 1.73 -38.84	55.01 1.66 -37.68	53.10 1.55 -36.46	48.25 1.73 -30.77	48.99 1.80 -31.41	59.87 2.16 -38.24	70.22 3.29 -38.01	64.97 3.20 -32.68	64.48 2.81 -36.15	59.99 2.27 -37.64	59.15 1.68 -41.79	52.91 1.48 -37.85	48.24 1.04 -36.25
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.51 0.71 -42.43	48.04 0.58 -40.41	45.66 0.56 -38.46	44.68 0.55 -37.52	43.36 0.67 -34.55	44.14 0.75 -34.37	48.75 0.96 -36.72	53.17 1.08 -39.68	54.60 1.43 -38.15	56.38 1.57 -38.64	58.41 1.52 -41.08	57.00 1.65 -38.72	54.80 1.57 -37.57	52.89 1.45 -36.36	48.03 1.61 -30.68	48.77 1.67 -31.32	59.68 2.08 -38.13	69.96 3.15 -37.90	64.72 3.05 -32.59	64.25 2.68 -36.04	59.80 2.19 -37.54	58.95 1.60 -41.67	52.72 1.40 -37.74	48.09 1.00 -36.15
EAST_HAMPTON___DIESEL 23722	52.55 1.62 -42.56	48.93 1.34 -40.53	46.41 1.19 -38.58	45.42 1.17 -37.64	44.25 1.46 -34.66	45.16 1.67 -34.48	51.11 2.26 -37.79	54.79 2.57 -39.80	56.52 3.23 -38.27	60.12 3.53 -40.42	60.38 3.34 -41.22	59.00 3.51 -38.86	56.65 3.28 -37.70	54.51 2.96 -36.47	50.23 3.34 -31.14	58.05 3.52 -38.75	68.67 4.58 -44.62	88.96 6.91 -53.14	82.58 6.86 -46.64	71.96 6.02 -40.41	70.01 4.80 -45.14	67.25 3.59 -47.98	58.13 3.14 -41.42	49.48 2.25 -36.28
EAST_RIVER___1 323558	51.65 0.73 -42.55	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.46 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.82	53.34 1.13 -39.80	54.77 1.49 -38.26	56.59 1.67 -38.75	58.61 1.60 -41.20	57.19 1.73 -38.84	55.01 1.66 -37.68	53.09 1.54 -36.46	48.25 1.73 -30.77	48.97 1.78 -31.41	59.87 2.16 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.48 2.81 -36.15	59.98 2.27 -37.64	59.15 1.68 -41.79	52.91 1.48 -37.85	48.24 1.04 -36.25
EAST_RIVER___2 323559	51.64 0.72 -42.55	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.46 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.59 1.67 -38.75	58.61 1.60 -41.20	57.19 1.73 -38.84	55.01 1.66 -37.68	53.10 1.55 -36.46	48.25 1.73 -30.77	48.99 1.80 -31.41	59.87 2.16 -38.24	70.22 3.29 -38.01	64.97 3.20 -32.68	64.48 2.81 -36.15	59.99 2.27 -37.64	59.15 1.68 -41.79	52.91 1.48 -37.85	48.24 1.04 -36.25
EAST___DELAWARE_HYD 23607	44.91 0.71 -35.84	42.18 0.60 -34.52	40.07 0.57 -32.86	39.24 0.57 -32.06	38.34 0.68 -29.52	39.14 0.76 -29.37	43.42 0.97 -31.37	47.41 1.09 -33.90	47.76 1.44 -31.29	49.41 1.54 -31.69	51.02 1.50 -33.70	49.99 1.60 -31.76	47.93 1.44 -30.82	46.24 1.33 -29.83	42.36 1.45 -25.17	43.00 1.53 -25.69	54.07 2.02 -32.57	64.42 3.12 -32.38	59.92 3.00 -27.84	58.95 2.63 -30.79	54.31 2.09 -32.15	52.81 1.52 -35.60	47.13 1.30 -32.25	42.77 0.94 -30.88
ELEC_TRO_TEK 24086	51.82 0.88 -42.58	48.32 0.71 -40.55	45.85 0.63 -38.58	44.87 0.62 -37.64	43.57 0.77 -34.66	44.39 0.89 -34.48	50.65 1.17 -38.40	53.55 1.33 -39.81	55.02 1.73 -38.27	58.44 1.84 -40.42	58.81 1.77 -41.22	57.38 1.89 -38.86	55.19 1.82 -37.71	53.23 1.67 -36.47	49.40 1.87 -31.77	56.46 1.92 -38.75	66.47 2.37 -44.62	85.64 3.58 -53.15	79.21 3.49 -46.64	69.02 3.09 -40.41	67.70 2.49 -45.14	65.51 1.85 -47.98	56.62 1.63 -41.41	48.43 1.20 -36.28
ELLENBURG_WT_PWR 323604	6.62 -0.24 1.51	5.42 -0.20 1.44	5.10 -0.18 1.37	5.10 -0.17 1.33	6.69 -0.22 1.23	7.53 -0.26 1.22	9.41 -0.35 1.31	10.53 -0.47 1.41	12.91 -0.63 1.49	14.04 -0.63 1.50	13.62 -0.60 1.60	14.54 -0.58 1.51	13.66 -0.55 1.46	13.14 -0.53 1.42	14.00 -0.55 1.19	13.95 -0.62 1.22	17.28 -0.70 1.49	26.28 -1.16 1.48	26.88 -0.93 1.27	23.38 -0.74 1.40	18.14 -0.62 1.31	13.56 -0.50 1.62	11.84 -0.39 1.34	9.41 -0.25 1.29
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.55 0.19 -4.99	12.02 0.20 -4.76	11.33 0.16 -4.53	11.20 0.17 -4.42	12.43 0.22 -4.07	13.32 0.25 -4.05	15.64 0.24 -4.33	17.40 0.31 -4.68	19.74 0.23 -4.49	20.87 0.15 -4.55	20.89 0.24 -4.83	21.25 0.07 -4.56	20.12 0.03 -4.42	19.50 0.14 -4.28	19.44 0.08 -3.61	19.61 0.14 -3.69	24.00 0.04 -4.49	33.37 0.00 -4.46	32.84 -0.09 -3.84	29.64 -0.13 -4.25	25.00 0.08 -4.85	20.78 0.19 -4.91	18.02 0.00 -4.45	15.27 0.07 -4.26
EMPIRE_CC_1 323656	75.49 0.52 -66.60	71.16 0.44 -63.66	67.64 0.41 -60.59	66.13 0.41 -59.11	63.08 0.50 -54.43	63.74 0.57 -54.15	69.62 0.70 -57.85	75.68 0.76 -62.51	76.21 1.11 -60.08	78.22 1.20 -60.85	81.68 1.17 -64.69	78.82 1.21 -60.98	75.97 1.14 -59.16	73.43 1.09 -57.26	65.10 1.04 -48.31	66.05 0.95 -49.32	80.68 1.15 -60.07	90.36 1.73 -59.71	82.14 1.72 -51.34	83.89 1.58 -56.78	80.16 1.27 -58.82	82.54 1.21 -65.65	74.04 1.00 -59.46	68.61 0.71 -56.95
EMPIRE_CC_2 323658	75.49 0.52 -66.60	71.16 0.44 -63.66	67.64 0.41 -60.59	66.13 0.41 -59.11	63.08 0.50 -54.43	63.74 0.57 -54.15	69.62 0.70 -57.85	75.68 0.76 -62.51	76.21 1.11 -60.08	78.22 1.20 -60.85	81.68 1.17 -64.69	78.82 1.21 -60.98	75.97 1.14 -59.16	73.43 1.09 -57.26	65.10 1.04 -48.31	66.05 0.95 -49.32	80.68 1.15 -60.07	90.36 1.73 -59.71	82.14 1.72 -51.34	83.89 1.58 -56.78	80.16 1.27 -58.82	82.54 1.21 -65.65	74.04 1.00 -59.46	68.61 0.71 -56.95
ERIE_WT_PWR 323693	13.67 0.25 -5.05	12.12 0.25 -4.82	11.43 0.20 -4.59	11.30 0.22 -4.48	12.53 0.27 -4.12	13.43 0.32 -4.10	15.77 0.32 -4.38	17.57 0.42 -4.73	19.94 0.38 -4.55	21.07 0.29 -4.60	21.09 0.38 -4.89	21.46 0.22 -4.61	20.32 0.17 -4.48	19.69 0.27 -4.33	19.62 0.22 -3.66	19.80 0.28 -3.73	24.25 0.23 -4.55	33.69 0.26 -4.52	33.15 0.18 -3.89	29.95 0.13 -4.30	25.24 0.26 -4.91	20.98 0.33 -4.97	18.20 0.12 -4.50	15.40 0.14 -4.31
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.61 0.30 -5.94	12.96 0.24 -5.67	12.27 0.23 -5.40	12.10 0.22 -5.26	13.27 0.28 -4.85	14.17 0.33 -4.82	16.67 0.44 -5.15	18.49 0.51 -5.57	20.94 0.57 -5.35	22.19 0.60 -5.41	22.16 0.59 -5.76	22.65 0.60 -5.43	21.47 0.53 -5.26	20.71 0.53 -5.10	20.58 0.54 -4.30	20.74 0.57 -4.39	25.54 0.72 -5.35	35.41 1.19 -5.31	34.88 1.22 -4.57	31.63 1.05 -5.05	26.60 0.84 -5.68	22.12 0.60 -5.84	19.29 0.42 -5.30	16.36 0.35 -5.07
E_CANADA_CAP_HY 24051	100.66 0.44 -91.85	95.24 0.37 -87.82	90.56 0.34 -83.57	88.49 0.34 -81.54	83.64 0.41 -75.09	84.19 0.48 -74.69	91.53 0.66 -79.80	99.50 0.86 -86.23	99.05 1.17 -82.86	101.27 1.18 -83.92	106.18 1.14 -89.22	101.90 1.16 -84.10	98.35 1.08 -81.60	95.14 1.09 -78.97	83.48 1.10 -66.63	84.93 1.12 -68.03	103.84 1.52 -82.86	113.62 2.34 -82.37	102.38 2.47 -70.82	105.92 2.07 -78.33	102.64 1.65 -80.92	107.33 1.08 -90.56	96.53 0.92 -82.03	90.09 0.59 -78.56
E_CANADA_MHWK_HY 24050	5.43 0.42 3.35	4.23 0.37 3.19	3.96 0.35 3.04	4.00 0.36 2.96	5.84 0.43 2.73	6.80 0.50 2.72	8.79 0.62 2.90	9.97 0.69 3.14	12.87 0.87 3.02	13.99 0.87 3.06	13.39 0.82 3.25	14.38 0.81 3.07	13.37 0.67 2.97	12.79 0.59 2.88	13.97 0.65 2.43	13.99 0.69 2.48	17.40 0.95 3.02	27.41 1.50 3.00	28.04 1.54 2.58	24.02 1.35 2.86	18.80 1.10 2.37	13.30 0.93 3.30	11.37 0.77 2.98	8.70 0.61 2.86

E_FISHKILL___LBMP 23776	53.24 0.67 -44.20	49.70 0.55 -42.09	47.23 0.52 -40.06	46.21 0.52 -39.08	44.77 0.64 -35.99	45.53 0.71 -35.80	50.24 0.92 -38.25	54.76 1.02 -41.33	56.13 1.37 -39.74	57.92 1.50 -40.25	60.06 1.45 -42.79	58.51 1.55 -40.33	56.27 1.47 -39.13	54.33 1.37 -37.87	49.22 1.51 -31.95	49.98 1.58 -32.62	61.13 1.95 -39.71	71.34 2.95 -39.48	65.91 2.88 -33.94	65.62 2.55 -37.54	61.20 2.05 -39.08	60.61 1.52 -43.41	54.21 1.32 -39.32	49.54 0.94 -37.65
FAR ROCKAWAY___4 23548	52.05 1.07 -42.61	48.51 0.87 -40.58	46.00 0.78 -38.58	45.01 0.76 -37.64	43.74 0.94 -34.66	44.59 1.09 -34.48	52.10 1.42 -39.61	53.85 1.63 -39.81	55.38 2.09 -38.27	58.83 2.23 -40.42	59.18 2.13 -41.22	57.78 2.30 -38.86	55.57 2.19 -37.71	53.58 2.02 -36.48	50.62 2.22 -32.65	56.63 2.10 -38.75	66.72 2.63 -44.62	86.05 3.99 -53.15	79.65 3.92 -46.64	69.38 3.44 -40.42	67.99 2.77 -45.14	65.73 2.07 -47.98	56.79 1.81 -41.41	48.69 1.47 -36.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.66 0.74 -42.55	48.18 0.59 -40.53	45.78 0.57 -38.57	44.79 0.56 -37.63	43.47 0.68 -34.65	44.25 0.77 -34.47	48.89 1.00 -36.83	53.35 1.14 -39.80	54.80 1.52 -38.26	56.61 1.68 -38.75	58.63 1.61 -41.20	57.21 1.75 -38.84	55.02 1.68 -37.68	53.10 1.55 -36.46	48.26 1.75 -30.77	48.99 1.80 -31.41	59.89 2.18 -38.24	70.22 3.29 -38.01	64.97 3.20 -32.68	64.48 2.81 -36.15	60.01 2.29 -37.64	59.17 1.69 -41.79	52.92 1.49 -37.85	48.25 1.05 -36.25
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.65 0.73 -42.55	48.18 0.59 -40.53	45.78 0.56 -38.57	44.79 0.56 -37.63	43.47 0.68 -34.65	44.25 0.77 -34.47	48.89 1.00 -36.83	53.35 1.14 -39.80	54.79 1.50 -38.26	56.59 1.67 -38.75	58.61 1.60 -41.20	57.19 1.73 -38.84	55.01 1.66 -37.68	53.09 1.54 -36.46	48.25 1.73 -30.77	48.99 1.80 -31.41	59.87 2.16 -38.24	70.19 3.27 -38.01	64.97 3.20 -32.68	64.48 2.81 -36.15	59.99 2.27 -37.64	59.15 1.68 -41.79	52.92 1.49 -37.85	48.24 1.04 -36.25
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.64 0.72 -42.55	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.46 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.58 1.65 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.07 1.52 -36.46	48.23 1.72 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.45 2.78 -36.15	59.97 2.25 -37.64	59.14 1.66 -41.79	52.90 1.47 -37.85	48.23 1.03 -36.25
FARRAGUT___LBMP 323566	51.63 0.71 -42.55	48.16 0.58 -40.53	45.77 0.56 -38.57	44.78 0.54 -37.63	43.46 0.67 -34.65	44.24 0.75 -34.47	48.87 0.97 -36.83	53.33 1.12 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.58 1.57 -41.20	57.16 1.70 -38.84	54.98 1.63 -37.68	53.07 1.52 -36.46	48.22 1.70 -30.77	48.96 1.77 -31.41	59.83 2.12 -38.24	70.13 3.21 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.64	59.12 1.65 -41.79	52.90 1.47 -37.85	48.23 1.03 -36.25
FENNER___WINDPWR 24204	8.58 0.21 0.00	7.23 0.18 0.00	6.80 0.16 0.00	6.77 0.16 0.00	8.33 0.19 0.00	9.24 0.23 0.00	11.35 0.28 0.00	12.73 0.32 0.00	15.40 0.38 0.00	16.58 0.40 0.00	16.20 0.38 0.00	17.03 0.40 0.00	16.04 0.38 0.00	15.43 0.35 0.00	16.11 0.36 0.00	16.14 0.36 0.00	19.96 0.49 0.00	29.72 0.81 0.00	29.93 0.84 0.00	26.21 0.69 0.00	21.15 0.56 -0.51	16.07 0.39 0.00	13.85 0.27 0.00	11.16 0.22 0.00
FIBERTEK___ENERGY 23856	11.03 0.09 -2.57	9.58 0.07 -2.45	9.04 0.07 -2.33	8.95 0.07 -2.27	10.31 0.08 -2.09	11.21 0.11 -2.08	13.44 0.14 -2.23	14.98 0.16 -2.41	17.48 0.15 -2.31	18.67 0.16 -2.34	18.46 0.16 -2.49	19.12 0.15 -2.34	18.07 0.12 -2.27	17.42 0.14 -2.20	17.73 0.13 -1.86	17.83 0.16 -1.90	21.95 0.17 -2.31	31.49 0.29 -2.29	31.35 0.29 -1.97	27.96 0.26 -2.18	23.01 0.22 -2.72	18.36 0.16 -2.52	15.96 0.10 -2.29	13.21 0.08 -2.19
FITZPATRICK___ 23598	9.84 -0.10 -1.57	8.47 -0.08 -1.50	7.99 -0.09 -1.43	7.92 -0.08 -1.39	9.32 -0.10 -1.28	10.20 -0.10 -1.28	12.31 -0.12 -1.36	13.74 -0.15 -1.47	16.24 -0.20 -1.41	17.40 -0.21 -1.43	17.14 -0.21 -1.52	17.83 -0.23 -1.44	16.84 -0.22 -1.39	16.22 -0.21 -1.35	16.66 -0.22 -1.14	16.72 -0.22 -1.16	20.59 -0.29 -1.41	29.88 -0.43 -1.41	29.86 -0.44 -1.21	26.45 -0.41 -1.34	21.62 -0.28 -1.83	17.01 -0.22 -1.55	14.76 -0.22 -1.40	12.11 -0.18 -1.34
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	54.22 0.81 -45.04	51.49 0.71 -43.73	48.92 0.66 -41.61	47.88 0.67 -40.60	46.33 0.81 -37.39	47.10 0.89 -37.19	51.96 1.15 -39.73	56.64 1.29 -42.94	58.05 1.68 -41.35	59.86 1.81 -41.88	62.13 1.79 -44.52	60.51 1.91 -41.97	58.14 1.75 -40.72	56.14 1.64 -39.41	50.78 1.78 -33.25	51.59 1.86 -33.95	63.18 2.45 -41.26	73.68 3.76 -41.01	67.92 3.58 -35.26	67.69 3.16 -39.00	63.16 2.51 -40.57	62.63 1.85 -45.09	56.01 1.59 -40.84	51.19 1.13 -39.12
FORT ORANGE___ 23900	76.79 0.40 -68.02	72.69 0.35 -65.29	69.10 0.33 -62.13	67.55 0.32 -60.62	64.36 0.40 -55.82	64.99 0.44 -55.53	70.96 0.56 -59.32	77.16 0.63 -64.11	77.58 0.95 -61.61	79.58 1.00 -62.40	83.14 0.98 -66.34	80.20 1.03 -62.54	77.30 0.96 -60.68	74.74 0.94 -58.72	66.26 0.96 -49.55	67.31 0.95 -50.58	82.25 1.19 -61.60	91.94 1.79 -61.23	83.51 1.77 -52.65	85.31 1.56 -58.23	81.65 1.27 -60.31	84.01 1.00 -67.33	75.43 0.87 -60.98	69.93 0.58 -58.40
FORT_DRUM_COGEN 23780	8.21 -0.16 0.00	6.92 -0.13 0.00	6.52 -0.13 0.00	6.48 -0.13 0.00	7.97 -0.16 0.00	8.80 -0.22 0.00	10.67 -0.40 0.00	11.97 -0.45 0.00	14.51 -0.51 0.00	15.66 -0.52 0.00	15.26 -0.55 0.00	16.18 -0.45 0.00	15.34 -0.33 0.00	14.74 -0.35 0.00	15.40 -0.35 0.00	15.31 -0.47 0.00	19.06 -0.41 0.00	28.39 -0.52 0.00	28.65 -0.44 0.00	25.04 -0.49 0.00	20.05 -0.48 -0.46	15.31 -0.38 0.00	13.15 -0.42 0.00	10.66 -0.28 0.00
FPL_FAR_ROCK_GT1 24212	52.05 1.07 -42.61	48.51 0.87 -40.58	46.00 0.78 -38.58	45.01 0.76 -37.64	43.74 0.94 -34.66	44.59 1.09 -34.48	52.10 1.42 -39.61	53.85 1.63 -39.81	55.38 2.09 -38.27	58.83 2.23 -40.42	59.18 2.13 -41.22	57.78 2.30 -38.86	55.57 2.19 -37.71	53.58 2.02 -36.48	50.62 2.22 -32.65	56.63 2.10 -38.75	66.72 2.63 -44.62	86.05 3.99 -53.15	79.65 3.92 -46.64	69.38 3.44 -40.42	67.99 2.77 -45.14	65.73 2.07 -47.98	56.79 1.81 -41.41	48.69 1.47 -36.28
FPL_FAR_ROCK_GT2 23815	52.05 1.07 -42.61	48.51 0.87 -40.58	46.00 0.78 -38.58	45.01 0.76 -37.64	43.74 0.94 -34.66	44.59 1.09 -34.48	52.10 1.42 -39.61	53.85 1.63 -39.81	55.38 2.09 -38.27	58.83 2.23 -40.42	59.18 2.13 -41.22	57.78 2.30 -38.86	55.57 2.19 -37.71	53.58 2.02 -36.48	50.62 2.22 -32.65	56.63 2.10 -38.75	66.72 2.63 -44.62	86.05 3.99 -53.15	79.65 3.92 -46.64	69.38 3.44 -40.42	67.99 2.77 -45.14	65.73 2.07 -47.98	56.79 1.81 -41.41	48.69 1.47 -36.28
FRANKLIN_FALL_HYD 24054	6.66 -0.37 1.34	5.49 -0.30 1.27	5.16 -0.27 1.21	5.16 -0.27 1.18	6.71 -0.34 1.09	7.49 -0.44 1.08	9.23 -0.69 1.16	10.28 -0.88 1.25	12.59 -1.13 1.31	13.72 -1.13 1.33	13.32 -1.09 1.41	14.32 -0.98 1.33	13.50 -0.88 1.29	13.05 -0.79 1.25	13.88 -0.82 1.05	13.74 -0.96 1.07	17.03 -1.13 1.31	25.67 -1.94 1.30	26.25 -1.72 1.12	22.91 -1.38 1.24	17.86 -1.14 1.07	13.39 -0.86 1.43	11.65 -0.73 1.19	9.35 -0.45 1.14

FREEPORT_EQUS_GT1 23764	51.93 0.99 -42.58	48.41 0.80 -40.55	45.93 0.71 -38.58	44.94 0.69 -37.64	43.66 0.86 -34.66	44.50 1.00 -34.48	50.80 1.31 -38.42	53.71 1.49 -39.81	55.20 1.91 -38.27	58.65 2.05 -40.42	58.99 1.95 -41.22	57.58 2.10 -38.86	55.36 1.99 -37.71	53.38 1.82 -36.47	49.49 2.05 -31.70	56.66 2.13 -38.75	66.72 2.63 -44.62	86.05 3.99 -53.15	79.62 3.90 -46.64	69.36 3.42 -40.41	67.98 2.77 -45.14	65.73 2.07 -47.98	56.82 1.83 -41.41	48.57 1.35 -36.28
FREEPORT___CT2 23818	51.93 0.99 -42.58	48.41 0.80 -40.55	45.93 0.71 -38.58	44.94 0.69 -37.64	43.66 0.86 -34.66	44.50 1.00 -34.48	50.80 1.31 -38.42	53.71 1.49 -39.81	55.20 1.91 -38.27	58.65 2.05 -40.42	58.99 1.95 -41.22	57.58 2.10 -38.86	55.36 1.99 -37.71	53.38 1.82 -36.47	49.49 2.05 -31.70	56.66 2.13 -38.75	66.72 2.63 -44.62	86.05 3.99 -53.15	79.62 3.90 -46.64	69.36 3.42 -40.41	67.98 2.77 -45.14	65.73 2.07 -47.98	56.82 1.83 -41.41	48.57 1.35 -36.28
FULTON COGEN____ 23766	10.32 -0.02 -1.97	8.91 -0.02 -1.88	8.41 -0.02 -1.79	8.33 -0.02 -1.74	9.73 -0.02 -1.60	10.61 -0.01 -1.60	12.78 0.00 -1.71	14.26 0.00 -1.84	16.76 -0.03 -1.77	17.93 -0.03 -1.79	17.71 -0.02 -1.90	18.39 -0.03 -1.79	17.36 -0.05 -1.74	16.74 -0.03 -1.68	17.12 -0.05 -1.42	17.20 -0.03 -1.45	21.18 -0.06 -1.77	30.58 -0.09 -1.76	30.54 -0.06 -1.51	27.12 -0.08 -1.67	22.21 -0.04 -2.18	17.58 -0.03 -1.93	15.25 -0.08 -1.75	12.57 -0.05 -1.68
FULTON___LFGE 323630	96.33 1.04 -86.92	91.04 0.87 -83.12	86.55 0.80 -79.10	84.59 0.80 -77.18	80.19 0.98 -71.07	80.85 1.13 -70.70	88.11 1.51 -75.53	95.92 1.89 -81.62	95.95 2.49 -78.43	98.11 2.51 -79.43	102.70 2.44 -84.45	98.75 2.51 -79.61	95.25 2.35 -77.24	92.23 2.40 -74.75	81.24 2.42 -63.07	82.62 2.45 -64.39	101.14 3.25 -78.42	111.73 4.86 -77.96	101.24 5.12 -67.03	103.95 4.29 -74.14	100.09 3.39 -76.62	103.71 2.31 -85.72	93.24 2.02 -77.64	86.68 1.38 -74.36
G.F.CEMENT___DRP 24184	83.12 0.77 -73.98	78.48 0.66 -70.76	74.59 0.61 -67.34	72.93 0.61 -65.70	69.40 0.76 -60.50	70.02 0.81 -60.18	76.35 0.98 -64.30	83.00 1.10 -69.48	83.32 1.53 -66.77	85.40 1.60 -67.62	89.29 1.58 -71.89	86.00 1.60 -67.77	82.91 1.49 -65.75	80.21 1.49 -63.64	71.02 1.57 -53.69	72.24 1.64 -54.82	88.37 2.14 -66.76	98.40 3.12 -66.36	89.29 3.14 -57.06	91.32 2.68 -63.11	87.51 2.13 -65.31	90.20 1.55 -72.97	81.03 1.36 -66.09	75.23 0.99 -63.30
GARDENVILLE___LBMP 24039	13.64 0.22 -5.05	12.10 0.22 -4.82	11.41 0.18 -4.59	11.28 0.19 -4.48	12.50 0.24 -4.12	13.40 0.28 -4.10	15.73 0.28 -4.38	17.51 0.36 -4.74	19.85 0.28 -4.55	20.98 0.19 -4.61	21.02 0.30 -4.90	21.38 0.13 -4.62	20.24 0.09 -4.48	19.62 0.20 -4.33	19.55 0.14 -3.66	19.70 0.19 -3.73	24.13 0.12 -4.55	33.55 0.12 -4.52	33.00 0.03 -3.89	29.80 -0.03 -4.30	25.14 0.16 -4.91	20.90 0.25 -4.97	18.13 0.05 -4.50	15.36 0.10 -4.31
GENERAL___MILLS 23808	13.66 0.24 -5.05	12.12 0.24 -4.82	11.42 0.19 -4.59	11.30 0.21 -4.48	12.52 0.26 -4.12	13.43 0.31 -4.10	15.76 0.31 -4.38	17.55 0.41 -4.73	19.91 0.35 -4.55	21.05 0.27 -4.60	21.08 0.36 -4.89	21.44 0.20 -4.61	20.30 0.16 -4.48	19.67 0.26 -4.33	19.61 0.20 -3.66	19.78 0.27 -3.73	24.23 0.21 -4.55	33.66 0.23 -4.52	33.12 0.15 -3.89	29.92 0.10 -4.30	25.22 0.24 -4.91	20.97 0.31 -4.97	18.19 0.11 -4.50	15.39 0.13 -4.31
GE_PLASTICS___DRP 24183	78.58 0.29 -69.92	74.29 0.26 -66.97	70.63 0.25 -63.74	69.04 0.24 -62.19	65.70 0.30 -57.27	66.33 0.34 -56.96	72.36 0.43 -60.86	78.65 0.47 -65.77	78.93 0.72 -63.19	80.95 0.78 -64.00	84.62 0.76 -68.04	81.57 0.80 -64.14	78.65 0.75 -62.23	76.05 0.74 -60.23	67.32 0.76 -50.82	68.40 0.74 -51.88	83.55 0.90 -63.19	93.06 1.33 -62.81	84.43 1.34 -54.01	86.44 1.17 -59.74	82.89 0.96 -61.85	85.53 0.78 -69.07	76.82 0.69 -62.56	71.30 0.45 -59.91
GILBOA___1 23756	43.44 0.39 -34.68	40.47 0.32 -33.09	38.45 0.31 -31.49	37.65 0.31 -30.73	36.82 0.38 -28.30	37.59 0.42 -28.15	41.68 0.54 -30.07	45.52 0.61 -32.50	47.06 0.81 -31.23	48.67 0.87 -31.63	50.30 0.85 -33.62	49.24 0.91 -31.70	47.27 0.85 -30.75	45.65 0.80 -29.76	41.73 0.87 -25.11	42.32 0.90 -25.64	51.74 1.05 -31.22	61.42 1.47 -31.04	57.34 1.57 -26.69	56.42 1.38 -29.52	52.12 1.20 -30.84	50.70 0.89 -34.13	45.25 0.76 -30.91	41.08 0.54 -29.60
GILBOA___2 23757	43.44 0.39 -34.68	40.47 0.32 -33.09	38.45 0.31 -31.49	37.65 0.31 -30.73	36.82 0.38 -28.30	37.59 0.42 -28.15	41.68 0.54 -30.07	45.52 0.61 -32.50	47.06 0.81 -31.23	48.67 0.87 -31.63	50.30 0.85 -33.62	49.24 0.91 -31.70	47.27 0.85 -30.75	45.65 0.80 -29.76	41.73 0.87 -25.11	42.32 0.90 -25.64	51.74 1.05 -31.22	61.42 1.47 -31.04	57.34 1.57 -26.69	56.42 1.38 -29.52	52.12 1.20 -30.84	50.70 0.89 -34.13	45.25 0.76 -30.91	41.08 0.54 -29.60
GILBOA___3 23758	43.44 0.39 -34.68	40.47 0.32 -33.09	38.45 0.31 -31.49	37.65 0.31 -30.73	36.82 0.38 -28.30	37.59 0.42 -28.15	41.68 0.54 -30.07	45.52 0.61 -32.50	47.06 0.81 -31.23	48.67 0.87 -31.63	50.30 0.85 -33.62	49.24 0.91 -31.70	47.27 0.85 -30.75	45.65 0.80 -29.76	41.73 0.87 -25.11	42.32 0.90 -25.64	51.74 1.05 -31.22	61.42 1.47 -31.04	57.34 1.57 -26.69	56.42 1.38 -29.52	52.12 1.20 -30.84	50.70 0.89 -34.13	45.25 0.76 -30.91	41.08 0.54 -29.60
GILBOA___4 23759	43.44 0.39 -34.68	40.47 0.32 -33.09	38.45 0.31 -31.49	37.65 0.31 -30.73	36.82 0.38 -28.30	37.59 0.42 -28.15	41.68 0.54 -30.07	45.52 0.61 -32.50	47.06 0.81 -31.23	48.67 0.87 -31.63	50.30 0.85 -33.62	49.24 0.91 -31.70	47.27 0.85 -30.75	45.65 0.80 -29.76	41.73 0.87 -25.11	42.32 0.90 -25.64	51.74 1.05 -31.22	61.42 1.47 -31.04	57.34 1.57 -26.69	56.42 1.38 -29.52	52.12 1.20 -30.84	50.70 0.89 -34.13	45.25 0.76 -30.91	41.08 0.54 -29.60
GILBOA____ 23599	43.44 0.39 -34.68	40.47 0.32 -33.09	38.45 0.31 -31.49	37.65 0.31 -30.73	36.82 0.38 -28.30	37.59 0.42 -28.15	41.68 0.54 -30.07	45.52 0.61 -32.50	47.06 0.81 -31.23	48.67 0.87 -31.63	50.30 0.85 -33.62	49.24 0.91 -31.70	47.27 0.85 -30.75	45.65 0.80 -29.76	41.73 0.87 -25.11	42.32 0.90 -25.64	51.74 1.05 -31.22	61.42 1.47 -31.04	57.34 1.57 -26.69	56.42 1.38 -29.52	52.12 1.20 -30.84	50.70 0.89 -34.13	45.25 0.76 -30.91	41.08 0.54 -29.60
GINNA____ 23603	11.70 -0.23 -3.57	10.26 -0.20 -3.40	9.68 -0.20 -3.24	9.57 -0.20 -3.16	10.81 -0.24 -2.91	11.69 -0.23 -2.90	13.85 -0.31 -3.09	15.38 -0.37 -3.34	17.71 -0.53 -3.21	18.84 -0.58 -3.25	18.74 -0.54 -3.46	19.24 -0.65 -3.26	18.25 -0.58 -3.16	17.62 -0.53 -3.06	17.78 -0.55 -2.58	17.88 -0.54 -2.63	21.98 -0.70 -3.21	31.12 -0.98 -3.19	30.87 -0.96 -2.74	27.64 -0.92 -3.03	23.03 -0.64 -3.60	18.72 -0.47 -3.51	16.23 -0.53 -3.18	13.58 -0.40 -3.04
GLEN PARK____ 23778	8.25 -0.12 0.00	6.96 -0.10 0.00	6.55 -0.09 0.00	6.52 -0.09 0.00	8.02 -0.12 0.00	8.86 -0.16 0.00	10.74 -0.33 0.00	12.05 -0.36 0.00	14.63 -0.39 0.00	15.77 -0.40 0.00	15.38 -0.44 0.00	16.30 -0.33 0.00	15.43 -0.23 0.00	14.83 -0.26 0.00	15.50 -0.25 0.00	15.40 -0.38 0.00	19.20 -0.27 0.00	28.62 -0.29 0.00	28.88 -0.20 0.00	25.24 -0.28 0.00	20.21 -0.32 -0.46	15.40 -0.28 0.00	13.22 -0.35 0.00	10.71 -0.23 0.00

GLENWOOD_IC_1_G5 23712	51.81 0.87 -42.57	48.31 0.71 -40.54	45.87 0.64 -38.58	44.88 0.63 -37.64	43.58 0.78 -34.66	44.39 0.89 -34.48	50.32 1.17 -38.07	53.55 1.33 -39.81	55.02 1.73 -38.27	58.47 1.88 -40.42	58.84 1.80 -41.22	57.43 1.94 -38.86	55.22 1.85 -37.71	53.26 1.70 -36.47	49.16 1.90 -31.50	56.50 1.97 -38.75	66.47 2.37 -44.62	85.64 3.58 -53.14	79.21 3.49 -46.64	69.00 3.06 -40.41	67.70 2.49 -45.14	65.49 1.83 -47.98	56.59 1.60 -41.41	48.43 1.20 -36.28
GLENWOOD_IC_2_G1 23688	51.75 0.82 -42.56	48.26 0.67 -40.54	45.84 0.62 -38.58	44.85 0.60 -37.64	43.55 0.75 -34.66	44.34 0.85 -34.48	49.83 1.11 -37.65	53.47 1.25 -39.80	54.91 1.62 -38.27	58.37 1.78 -40.42	58.75 1.71 -41.22	57.33 1.85 -38.86	55.13 1.75 -37.71	53.19 1.63 -36.47	48.84 1.81 -31.28	56.41 1.88 -38.75	66.39 2.30 -44.62	85.52 3.47 -53.14	79.12 3.40 -46.64	68.92 2.98 -40.41	67.64 2.43 -45.14	65.45 1.79 -47.98	56.55 1.56 -41.41	48.36 1.14 -36.28
GLENWOOD_IC_3_G1 23689	51.75 0.82 -42.56	48.26 0.67 -40.54	45.84 0.62 -38.58	44.85 0.60 -37.64	43.55 0.75 -34.66	44.34 0.85 -34.48	49.83 1.11 -37.65	53.47 1.25 -39.80	54.91 1.62 -38.27	58.37 1.78 -40.42	58.75 1.71 -41.22	57.33 1.85 -38.86	55.13 1.75 -37.71	53.19 1.63 -36.47	48.84 1.81 -31.28	56.41 1.88 -38.75	66.39 2.30 -44.62	85.52 3.47 -53.14	79.12 3.40 -46.64	68.92 2.98 -40.41	67.64 2.43 -45.14	65.45 1.79 -47.98	56.55 1.56 -41.41	48.36 1.14 -36.28
GLENWOOD___4 23550	51.81 0.87 -42.57	48.31 0.71 -40.54	45.87 0.64 -38.58	44.88 0.63 -37.64	43.58 0.78 -34.66	44.39 0.89 -34.48	50.32 1.17 -38.07	53.55 1.33 -39.81	55.02 1.73 -38.27	58.47 1.88 -40.42	58.84 1.80 -41.22	57.43 1.94 -38.86	55.22 1.85 -37.71	53.26 1.70 -36.47	49.16 1.90 -31.50	56.50 1.97 -38.75	66.49 2.39 -44.62	85.67 3.61 -53.14	79.27 3.55 -46.64	69.05 3.11 -40.41	67.72 2.51 -45.14	65.52 1.87 -47.98	56.62 1.63 -41.41	48.43 1.20 -36.28
GLENWOOD___5 23614	51.81 0.87 -42.57	48.31 0.71 -40.54	45.87 0.64 -38.58	44.88 0.63 -37.64	43.58 0.78 -34.66	44.39 0.89 -34.48	50.32 1.17 -38.07	53.55 1.33 -39.81	55.02 1.73 -38.27	58.47 1.88 -40.42	58.84 1.80 -41.22	57.43 1.94 -38.86	55.22 1.85 -37.71	53.26 1.70 -36.47	49.16 1.90 -31.50	56.50 1.97 -38.75	66.49 2.39 -44.62	85.67 3.61 -53.14	79.27 3.55 -46.64	69.05 3.11 -40.41	67.72 2.51 -45.14	65.52 1.87 -47.98	56.62 1.63 -41.41	48.43 1.20 -36.28
GLOBAL GREEN_PORT_GT1 23814	52.53 1.61 -42.56	48.92 1.33 -40.53	46.40 1.18 -38.58	45.41 1.16 -37.64	44.24 1.45 -34.66	45.16 1.66 -34.48	51.10 2.25 -37.79	54.77 2.56 -39.80	56.51 3.22 -38.27	60.10 3.51 -40.42	60.36 3.32 -41.22	58.98 3.49 -38.86	56.63 3.26 -37.70	54.50 2.94 -36.47	50.20 3.31 -31.14	58.02 3.49 -38.75	68.63 4.54 -44.62	88.93 6.88 -53.14	82.53 6.80 -46.64	71.91 5.97 -40.41	69.97 4.76 -45.14	67.22 3.56 -47.98	58.10 3.11 -41.42	49.45 2.23 -36.28
GLOBE___DSASP 323697	13.04 -0.02 -4.69	11.58 0.04 -4.48	10.92 0.01 -4.26	10.80 0.03 -4.16	12.00 0.03 -3.83	12.86 0.04 -3.81	15.03 -0.11 -4.07	16.71 -0.10 -4.40	18.96 -0.29 -4.22	20.05 -0.40 -4.28	20.05 -0.32 -4.55	20.40 -0.52 -4.29	19.34 -0.49 -4.16	18.73 -0.38 -4.03	18.70 -0.44 -3.40	18.85 -0.39 -3.47	23.05 -0.64 -4.22	32.01 -1.10 -4.20	31.53 -1.16 -3.61	28.47 -1.05 -3.99	24.02 -0.64 -4.59	19.97 -0.33 -4.62	17.34 -0.42 -4.18	14.70 -0.25 -4.01
GOETHSLN___LBMP 323567	51.57 0.65 -42.54	48.10 0.53 -40.52	45.72 0.51 -38.56	44.73 0.50 -37.62	43.39 0.61 -34.64	44.17 0.69 -34.47	48.79 0.90 -36.83	53.25 1.04 -39.80	54.66 1.38 -38.26	56.46 1.54 -38.75	58.49 1.47 -41.20	57.06 1.60 -38.84	54.88 1.54 -37.68	52.98 1.43 -36.46	48.12 1.61 -30.77	48.86 1.67 -31.41	59.71 2.01 -38.24	60.23 3.03 -28.29	60.23 2.94 -28.21	60.23 2.60 -32.10	59.82 2.11 -37.64	59.01 1.54 -41.79	52.80 1.37 -37.85	48.15 0.95 -36.25
GOODYEAR_LAKE_HYD 323669	12.83 0.43 -4.03	11.28 0.36 -3.86	10.66 0.34 -3.68	10.53 0.34 -3.59	11.85 0.41 -3.30	12.77 0.47 -3.29	15.20 0.62 -3.51	16.94 0.73 -3.79	19.61 0.95 -3.64	20.85 0.99 -3.69	20.67 0.93 -3.92	21.32 1.00 -3.70	20.20 0.94 -3.59	19.43 0.87 -3.47	19.61 0.93 -2.93	19.72 0.95 -2.99	24.34 1.23 -3.64	34.44 1.91 -3.62	34.18 1.98 -3.11	30.65 1.68 -3.44	25.52 1.37 -4.08	20.62 0.96 -3.98	17.94 0.76 -3.61	14.96 0.56 -3.46
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.20 0.25 -10.58	17.37 0.21 -10.10	16.45 0.19 -9.61	16.18 0.19 -9.38	17.02 0.24 -8.64	17.89 0.28 -8.59	20.66 0.41 -9.18	22.75 0.42 -9.92	24.98 0.44 -9.53	26.26 0.44 -9.65	26.52 0.44 -10.26	26.73 0.43 -9.67	25.43 0.38 -9.38	24.54 0.38 -9.08	23.80 0.39 -7.66	24.03 0.43 -7.82	29.50 0.51 -9.53	39.16 0.78 -9.47	38.04 0.81 -8.14	35.22 0.69 -9.01	30.45 0.62 -9.76	26.55 0.46 -10.41	23.34 0.33 -9.43	20.26 0.28 -9.04
GOUDEY___7 23579	19.20 0.25 -10.58	17.37 0.21 -10.10	16.45 0.19 -9.61	16.19 0.20 -9.38	17.02 0.24 -8.64	17.89 0.28 -8.59	20.66 0.41 -9.18	22.75 0.42 -9.92	24.98 0.44 -9.53	26.26 0.44 -9.65	26.52 0.44 -10.26	26.73 0.43 -9.67	25.43 0.38 -9.38	24.54 0.38 -9.08	23.80 0.39 -7.66	24.03 0.43 -7.82	29.50 0.51 -9.53	39.16 0.78 -9.47	38.04 0.81 -8.14	35.22 0.69 -9.01	30.45 0.62 -9.76	26.55 0.46 -10.41	23.34 0.33 -9.43	20.26 0.28 -9.04
GOUDEY___8 23580	19.20 0.25 -10.58	17.37 0.21 -10.10	16.45 0.19 -9.61	16.18 0.19 -9.38	17.02 0.24 -8.64	17.89 0.28 -8.59	20.66 0.41 -9.18	22.75 0.42 -9.92	24.98 0.44 -9.53	26.26 0.44 -9.65	26.52 0.44 -10.26	26.73 0.43 -9.67	25.43 0.38 -9.38	24.54 0.38 -9.08	23.80 0.39 -7.66	24.03 0.43 -7.82	29.50 0.51 -9.53	39.16 0.78 -9.47	38.04 0.81 -8.14	35.22 0.69 -9.01	30.45 0.62 -9.76	26.55 0.46 -10.41	23.34 0.33 -9.43	20.26 0.28 -9.04
GOWANUS_GT1_1 24077	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT1_2 24078	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT1_3 24079	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26

GOWANUS_GT1_4 24080	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT1_5 24084	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT1_6 24111	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT1_7 24112	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT1_8 24113	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT2_1 24114	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT2_2 24115	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT2_3 24116	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT2_4 24117	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT2_5 24118	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT2_6 24119	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT2_7 24120	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT2_8 24121	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT3_1 24122	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT3_2 24123	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26

GOWANUS_GT3_3 24124	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT3_4 24125	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT3_5 24126	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT3_6 24127	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT3_7 24128	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT3_8 24129	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT4_1 24130	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT4_2 24131	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT4_3 24132	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT4_4 24133	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT4_5 24134	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT4_6 24135	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT4_7 24136	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GOWANUS_GT4_8 24137	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GREENIDGE___3 23582	14.96 0.30 -6.29	13.31 0.25 -6.00	12.58 0.22 -5.71	12.41 0.22 -5.58	13.56 0.29 -5.13	14.49 0.36 -5.11	17.03 0.50 -5.46	18.85 0.55 -5.90	21.21 0.53 -5.66	22.43 0.52 -5.74	22.44 0.52 -6.10	22.86 0.48 -5.75	21.65 0.41 -5.58	20.92 0.44 -5.40	20.73 0.43 -4.55	20.90 0.47 -4.65	25.74 0.60 -5.66	35.52 0.98 -5.63	34.94 1.02 -4.84	31.72 0.84 -5.35	26.79 0.72 -5.99	22.42 0.55 -6.19	19.52 0.34 -5.61	16.63 0.32 -5.37



GREENIDGE___4 23583	14.96 0.30 -6.29	13.31 0.25 -6.00	12.58 0.22 -5.71	12.41 0.22 -5.58	13.56 0.29 -5.13	14.49 0.36 -5.11	17.03 0.50 -5.46	18.85 0.55 -5.90	21.21 0.53 -5.66	22.43 0.52 -5.74	22.44 0.52 -6.10	22.86 0.48 -5.75	21.65 0.41 -5.58	20.92 0.44 -5.40	20.73 0.43 -4.55	20.90 0.47 -4.65	25.74 0.60 -5.66	35.52 0.98 -5.63	34.94 1.02 -4.84	31.72 0.84 -5.35	26.79 0.72 -5.99	22.42 0.55 -6.19	19.52 0.34 -5.61	16.63 0.32 -5.37
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
GROVEVILLE___HYD 323602	54.22 0.81 -45.04	51.49 0.71 -43.73	48.92 0.66 -41.61	47.88 0.67 -40.60	46.33 0.81 -37.39	47.10 0.89 -37.19	51.96 1.15 -39.73	56.64 1.29 -42.94	58.05 1.68 -41.35	59.86 1.81 -41.88	62.13 1.79 -44.52	60.51 1.91 -41.97	58.14 1.75 -40.72	56.14 1.64 -39.41	50.78 1.78 -33.25	51.59 1.86 -33.95	63.18 2.45 -41.26	73.68 3.76 -41.01	67.92 3.58 -35.26	67.69 3.16 -39.00	63.16 2.51 -40.57	62.63 1.85 -45.09	56.01 1.59 -40.84	51.19 1.13 -39.12
HAMPSHIRE___PAPER_HYD 323593	7.89 -0.48 0.00	6.67 -0.39 0.00	6.29 -0.36 0.00	6.25 -0.36 0.00	7.67 -0.46 0.00	8.41 -0.60 0.00	10.00 -1.07 0.00	11.06 -1.35 0.00	13.41 -1.61 0.00	14.48 -1.70 0.00	14.11 -1.71 0.00	15.20 -1.43 0.00	14.52 -1.14 0.00	14.07 -1.01 0.00	14.72 -1.02 0.00	14.47 -1.31 0.00	17.91 -1.56 0.00	26.31 -2.60 0.00	26.61 -2.47 0.00	23.30 -2.22 0.00	18.61 -1.87 -0.40	14.40 -1.29 0.00	12.45 -1.13 0.00	10.21 -0.73 0.00
HARDSCRABBLE_WT_PWR 323673	5.35 0.34 3.35	4.16 0.30 3.19	3.89 0.29 3.04	3.94 0.29 2.96	5.76 0.36 2.73	6.71 0.41 2.72	8.68 0.51 2.90	9.86 0.58 3.14	12.74 0.74 3.02	13.84 0.73 3.06	13.26 0.70 3.25	14.21 0.65 3.07	13.21 0.52 2.97	12.63 0.42 2.88	13.79 0.47 2.43	13.84 0.54 2.48	17.23 0.78 3.02	27.15 1.24 3.00	27.78 1.28 2.58	23.82 1.15 2.86	18.64 0.94 2.37	13.16 0.78 3.30	11.24 0.65 2.98	8.60 0.51 2.86
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.24 0.71 -39.16	44.98 0.59 -37.34	42.74 0.56 -35.54	41.84 0.56 -34.67	40.74 0.67 -31.93	41.54 0.76 -31.76	45.98 0.97 -33.93	50.17 1.09 -36.67	51.70 1.43 -35.25	53.43 1.55 -35.71	55.30 1.52 -37.96	54.04 1.63 -35.78	51.91 1.52 -34.72	50.10 1.42 -33.60	45.66 1.56 -28.35	46.36 1.64 -28.94	56.79 2.08 -35.23	67.09 3.15 -35.02	62.25 3.05 -30.12	61.51 2.68 -33.31	56.97 2.17 -34.73	55.78 1.58 -38.51	49.83 1.37 -34.88	45.32 0.97 -33.41
HARZA MOOSE___RIVER 24016	6.77 -0.05 1.54	5.55 -0.04 1.47	5.21 -0.03 1.40	5.21 -0.03 1.36	6.83 -0.05 1.26	7.70 -0.07 1.25	9.56 -0.18 1.33	10.76 -0.21 1.44	13.41 -0.21 1.40	14.53 -0.23 1.42	14.06 -0.25 1.51	15.04 -0.17 1.42	14.18 -0.11 1.38	13.63 -0.12 1.34	14.51 -0.11 1.13	14.44 -0.19 1.15	17.93 -0.14 1.40	27.34 -0.17 1.39	27.77 -0.12 1.20	24.05 -0.15 1.33	19.05 -0.16 0.86	14.01 -0.14 1.53	12.01 -0.19 1.37	9.52 -0.11 1.31
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.27 1.75 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
HEMPSTEAD____ 23647	51.84 0.90 -42.57	48.33 0.73 -40.54	45.87 0.65 -38.58	44.88 0.63 -37.64	43.59 0.79 -34.66	44.41 0.91 -34.48	50.48 1.20 -38.21	53.57 1.35 -39.81	55.05 1.76 -38.27	58.49 1.89 -40.42	58.86 1.82 -41.22	57.43 1.94 -38.86	55.24 1.86 -37.71	53.25 1.69 -36.47	49.22 1.90 -31.56	56.52 1.99 -38.75	66.53 2.43 -44.62	85.73 3.67 -53.14	79.33 3.61 -46.64	69.10 3.16 -40.41	67.76 2.55 -45.14	65.56 1.90 -47.98	56.66 1.67 -41.41	48.46 1.24 -36.28
HICKLING___1 23621	16.79 0.35 -8.07	15.05 0.30 -7.70	14.24 0.27 -7.33	14.03 0.27 -7.15	15.07 0.35 -6.59	15.98 0.41 -6.55	18.68 0.61 -7.00	20.60 0.62 -7.56	22.87 0.59 -7.26	24.08 0.55 -7.36	24.21 0.57 -7.82	24.53 0.53 -7.37	23.24 0.42 -7.15	22.48 0.47 -6.92	22.05 0.46 -5.84	22.25 0.50 -5.96	27.34 0.60 -7.26	37.09 0.95 -7.22	36.28 0.99 -6.21	33.23 0.84 -6.87	28.39 0.76 -7.55	24.20 0.58 -7.94	21.14 0.37 -7.19	18.21 0.37 -6.89
HICKLING___2 23622	16.79 0.35 -8.07	15.05 0.30 -7.70	14.24 0.27 -7.33	14.03 0.27 -7.15	15.07 0.35 -6.59	15.98 0.41 -6.55	18.68 0.61 -7.00	20.60 0.62 -7.56	22.87 0.59 -7.26	24.08 0.55 -7.36	24.21 0.57 -7.82	24.53 0.53 -7.37	23.24 0.42 -7.15	22.48 0.47 -6.92	22.05 0.46 -5.84	22.25 0.50 -5.96	27.34 0.60 -7.26	37.09 0.95 -7.22	36.28 0.99 -6.21	33.23 0.84 -6.87	28.39 0.76 -7.55	24.20 0.58 -7.94	21.14 0.37 -7.19	18.21 0.37 -6.89
HIGH FALLS___HY 23754	51.32 0.80 -42.16	48.51 0.68 -40.78	46.08 0.63 -38.81	45.11 0.63 -37.86	43.77 0.76 -34.87	44.55 0.85 -34.68	49.22 1.10 -37.05	53.68 1.23 -40.04	53.94 1.59 -37.33	55.67 1.68 -37.81	57.67 1.66 -40.20	56.27 1.75 -37.89	53.97 1.54 -36.76	52.10 1.43 -35.58	47.33 1.56 -30.02	48.10 1.67 -30.65	60.34 2.39 -38.47	70.91 3.76 -38.25	65.49 3.52 -32.88	64.98 3.09 -36.37	60.35 2.41 -37.87	59.49 1.76 -42.05	53.17 1.51 -38.09	48.48 1.06 -36.48
HILLBURN___GT 23639	49.00 0.69 -39.94	45.70 0.57 -38.07	43.42 0.54 -36.23	42.50 0.54 -35.35	41.36 0.67 -32.55	42.14 0.74 -32.38	46.63 0.96 -34.59	50.88 1.08 -37.38	52.38 1.41 -35.94	54.11 1.54 -36.40	56.01 1.49 -38.70	54.71 1.60 -36.48	52.58 1.52 -35.40	50.76 1.42 -34.26	46.23 1.57 -28.90	46.91 1.63 -29.51	57.41 2.02 -35.92	67.71 3.09 -35.71	62.78 3.00 -30.70	62.14 2.65 -33.96	57.62 2.15 -35.40	56.51 1.57 -39.26	50.49 1.36 -35.56	45.97 0.97 -34.06
HISHELDN_WT_PWR 323625	14.12 0.22 -5.53	12.56 0.22 -5.28	11.85 0.18 -5.03	11.71 0.19 -4.90	12.89 0.24 -4.52	13.79 0.28 -4.49	16.18 0.31 -4.80	17.96 0.36 -5.19	20.29 0.28 -4.98	21.43 0.21 -5.04	21.47 0.29 -5.36	21.82 0.13 -5.06	20.67 0.09 -4.91	20.01 0.18 -4.75	19.88 0.13 -4.01	20.06 0.19 -4.09	24.59 0.14 -4.98	34.04 0.17 -4.95	33.46 0.12 -4.26	30.28 0.05 -4.71	25.60 0.20 -5.33	21.38 0.25 -5.44	18.58 0.07 -4.93	15.78 0.11 -4.72
HOLTSVILLE_IC_1 23690	52.01 1.09 -42.56	48.47 0.88 -40.53	46.00 0.78 -38.58	45.01 0.76 -37.64	43.75 0.95 -34.66	44.61 1.12 -34.48	50.36 1.51 -37.78	53.92 1.70 -39.80	55.45 2.16 -38.27	58.94 2.34 -40.42	59.24 2.20 -41.22	57.83 2.35 -38.86	55.58 2.21 -37.70	53.55 1.99 -36.47	49.19 2.30 -31.14	56.92 2.38 -38.75	67.05 2.96 -44.62	86.39 4.34 -53.14	80.00 4.28 -46.64	69.71 3.78 -40.41	68.26 3.05 -45.14	65.97 2.31 -47.98	57.10 2.10 -41.42	48.74 1.52 -36.28

HOLTSVILLE_IC_10 23699	52.09 1.16 -42.56	48.54 0.95 -40.53	46.06 0.84 -38.58	45.07 0.82 -37.64	43.82 1.03 -34.66	44.70 1.20 -34.48	50.48 1.62 -37.79	54.03 1.81 -39.80	55.60 2.31 -38.27	59.10 2.51 -40.42	59.40 2.36 -41.22	58.00 2.51 -38.86	55.74 2.37 -37.70	53.70 2.14 -36.47	49.34 2.44 -31.15	57.09 2.56 -38.75	67.27 3.17 -44.62	86.74 4.68 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.14 2.48 -47.98	57.25 2.25 -41.42	48.84 1.62 -36.28
HOLTSVILLE_IC_2 23691	52.01 1.09 -42.56	48.47 0.88 -40.53	46.00 0.78 -38.58	45.01 0.76 -37.64	43.75 0.95 -34.66	44.61 1.12 -34.48	50.36 1.51 -37.78	53.92 1.70 -39.80	55.45 2.16 -38.27	58.94 2.34 -40.42	59.24 2.20 -41.22	57.83 2.35 -38.86	55.58 2.21 -37.70	53.55 1.99 -36.47	49.19 2.30 -31.14	56.92 2.38 -38.75	67.05 2.96 -44.62	86.39 4.34 -53.14	80.00 4.28 -46.64	69.71 3.78 -40.41	68.26 3.05 -45.14	65.97 2.31 -47.98	57.10 2.10 -41.42	48.74 1.52 -36.28
HOLTSVILLE_IC_3 23692	52.01 1.09 -42.56	48.47 0.88 -40.53	46.00 0.78 -38.58	45.01 0.76 -37.64	43.75 0.95 -34.66	44.61 1.12 -34.48	50.36 1.51 -37.78	53.92 1.70 -39.80	55.45 2.16 -38.27	58.94 2.34 -40.42	59.24 2.20 -41.22	57.83 2.35 -38.86	55.58 2.21 -37.70	53.55 1.99 -36.47	49.19 2.30 -31.14	56.92 2.38 -38.75	67.05 2.96 -44.62	86.39 4.34 -53.14	80.00 4.28 -46.64	69.71 3.78 -40.41	68.26 3.05 -45.14	65.97 2.31 -47.98	57.10 2.10 -41.42	48.74 1.52 -36.28
HOLTSVILLE_IC_4 23693	52.01 1.09 -42.56	48.47 0.88 -40.53	46.00 0.78 -38.58	45.01 0.76 -37.64	43.75 0.95 -34.66	44.61 1.12 -34.48	50.36 1.51 -37.78	53.92 1.70 -39.80	55.45 2.16 -38.27	58.94 2.34 -40.42	59.24 2.20 -41.22	57.83 2.35 -38.86	55.58 2.21 -37.70	53.55 1.99 -36.47	49.19 2.30 -31.14	56.92 2.38 -38.75	67.05 2.96 -44.62	86.39 4.34 -53.14	80.00 4.28 -46.64	69.71 3.78 -40.41	68.26 3.05 -45.14	65.97 2.31 -47.98	57.10 2.10 -41.42	48.74 1.52 -36.28
HOLTSVILLE_IC_5 23694	52.01 1.09 -42.56	48.47 0.88 -40.53	46.00 0.78 -38.58	45.01 0.76 -37.64	43.75 0.95 -34.66	44.61 1.12 -34.48	50.36 1.51 -37.78	53.92 1.70 -39.80	55.45 2.16 -38.27	58.94 2.34 -40.42	59.24 2.20 -41.22	57.83 2.35 -38.86	55.58 2.21 -37.70	53.55 1.99 -36.47	49.19 2.30 -31.14	56.92 2.38 -38.75	67.05 2.96 -44.62	86.39 4.34 -53.14	80.00 4.28 -46.64	69.71 3.78 -40.41	68.26 3.05 -45.14	65.97 2.31 -47.98	57.10 2.10 -41.42	48.74 1.52 -36.28
HOLTSVILLE_IC_6 23695	52.09 1.16 -42.56	48.54 0.95 -40.53	46.06 0.84 -38.58	45.07 0.82 -37.64	43.82 1.03 -34.66	44.70 1.20 -34.48	50.48 1.62 -37.79	54.03 1.81 -39.80	55.60 2.31 -38.27	59.10 2.51 -40.42	59.40 2.36 -41.22	58.00 2.51 -38.86	55.74 2.37 -37.70	53.70 2.14 -36.47	49.34 2.44 -31.15	57.09 2.56 -38.75	67.27 3.17 -44.62	86.74 4.68 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.14 2.48 -47.98	57.25 2.25 -41.42	48.84 1.62 -36.28
HOLTSVILLE_IC_7 23696	52.09 1.16 -42.56	48.54 0.95 -40.53	46.06 0.84 -38.58	45.07 0.82 -37.64	43.82 1.03 -34.66	44.70 1.20 -34.48	50.48 1.62 -37.79	54.03 1.81 -39.80	55.60 2.31 -38.27	59.10 2.51 -40.42	59.40 2.36 -41.22	58.00 2.51 -38.86	55.74 2.37 -37.70	53.70 2.14 -36.47	49.34 2.44 -31.15	57.09 2.56 -38.75	67.27 3.17 -44.62	86.74 4.68 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.14 2.48 -47.98	57.25 2.25 -41.42	48.84 1.62 -36.28
HOLTSVILLE_IC_8 23697	52.09 1.16 -42.56	48.54 0.95 -40.53	46.06 0.84 -38.58	45.07 0.82 -37.64	43.82 1.03 -34.66	44.70 1.20 -34.48	50.48 1.62 -37.79	54.03 1.81 -39.80	55.60 2.31 -38.27	59.10 2.51 -40.42	59.40 2.36 -41.22	58.00 2.51 -38.86	55.74 2.37 -37.70	53.70 2.14 -36.47	49.34 2.44 -31.15	57.09 2.56 -38.75	67.27 3.17 -44.62	86.74 4.68 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.14 2.48 -47.98	57.25 2.25 -41.42	48.84 1.62 -36.28
HOLTSVILLE_IC_9 23698	52.09 1.16 -42.56	48.54 0.95 -40.53	46.06 0.84 -38.58	45.07 0.82 -37.64	43.82 1.03 -34.66	44.70 1.20 -34.48	50.48 1.62 -37.79	54.03 1.81 -39.80	55.60 2.31 -38.27	59.10 2.51 -40.42	59.40 2.36 -41.22	58.00 2.51 -38.86	55.74 2.37 -37.70	53.70 2.14 -36.47	49.34 2.44 -31.15	57.09 2.56 -38.75	67.27 3.17 -44.62	86.74 4.68 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.14 2.48 -47.98	57.25 2.25 -41.42	48.84 1.62 -36.28
HOWARD_WT_PWR 323690	15.54 0.44 -6.73	13.87 0.39 -6.42	13.10 0.35 -6.11	12.93 0.36 -5.96	14.09 0.46 -5.49	15.02 0.54 -5.46	17.64 0.73 -5.84	19.55 0.83 -6.31	21.89 0.81 -6.06	23.06 0.74 -6.14	23.07 0.73 -6.52	23.39 0.62 -6.15	22.12 0.49 -5.97	21.42 0.56 -5.77	21.14 0.52 -4.87	21.37 0.61 -4.97	26.29 0.76 -6.06	36.21 1.27 -6.02	35.57 1.31 -5.18	32.35 1.10 -5.73	27.42 0.96 -6.38	23.03 0.72 -6.62	20.04 0.46 -6.00	17.13 0.44 -5.75
HQ_GEN_CEDARS 23644	7.67 -0.69 0.00	6.49 -0.56 0.00	6.12 -0.53 0.00	6.08 -0.53 0.00	7.46 0.46 0.00	8.12 0.54 0.00	9.47 -1.61 0.00	10.34 -2.07 0.00	12.57 -2.45 0.00	13.59 -2.59 0.00	13.22 -2.59 0.00	14.48 -2.14 0.00	13.93 -1.74 0.00	13.61 -1.48 0.00	14.25 -1.50 0.00	13.81 -1.97 0.00	17.11 -2.36 0.00	24.84 -4.08 0.00	25.19 -3.90 0.00	22.08 -3.45 0.00	17.54 -2.87 -0.34	13.71 -1.98 0.00	11.88 -1.70 0.00	9.88 -1.06 0.00
HQ_GEN_CEDARS_PROXY 323590	7.67 -0.69 0.00	6.49 -0.56 0.00	6.12 -0.53 0.00	6.08 -0.53 0.00	7.46 0.46 0.00	8.12 0.54 0.00	9.47 -1.61 0.00	10.34 -2.07 0.00	12.57 -2.45 0.00	13.59 -2.59 0.00	13.22 -2.59 0.00	14.48 -2.14 0.00	13.93 -1.74 0.00	13.61 -1.48 0.00	14.25 -1.50 0.00	13.81 -1.97 0.00	17.11 -2.36 0.00	24.84 -4.08 0.00	25.19 -3.90 0.00	22.08 -3.45 0.00	17.54 -2.87 -0.34	13.71 -1.98 0.00	11.88 -1.70 0.00	9.88 -1.06 0.00
HQ_GEN_IMPORT 323601	8.17 -0.19 0.00	6.90 -0.16 0.00	6.50 -0.15 0.00	6.46 -0.15 0.00	7.96 -0.18 0.00	8.80 -0.22 0.00	10.79 -0.28 0.00	12.03 -0.38 0.00	14.51 -0.51 0.00	15.64 -0.53 0.00	15.30 -0.52 0.00	16.11 -0.52 0.00	15.18 -0.49 0.00	14.63 -0.45 0.00	15.26 -0.49 0.00	15.26 -0.52 0.00	18.83 -0.64 0.00	27.96 -0.95 0.00	28.33 -0.76 0.00	24.89 -0.64 0.00	19.58 -0.56 -0.06	15.26 -0.42 0.00	12.16 -0.33 1.09	10.72 -0.22 0.00
HQ_GEN_WHEEL 23651	8.17 -0.19 0.00	6.90 -0.16 0.00	6.50 -0.15 0.00	6.46 -0.15 0.00	7.96 -0.18 0.00	8.80 -0.22 0.00	10.79 -0.28 0.00	12.03 -0.38 0.00	14.51 -0.51 0.00	15.64 -0.53 0.00	15.30 -0.52 0.00	16.11 -0.52 0.00	15.18 -0.49 0.00	14.63 -0.45 0.00	15.26 -0.49 0.00	15.26 -0.52 0.00	18.83 -0.64 0.00	27.96 -0.95 0.00	28.33 -0.76 0.00	24.89 -0.64 0.00	19.58 -0.56 -0.06	15.26 -0.42 0.00	12.16 -0.33 1.09	10.72 -0.22 0.00
HUDSON_AVE_GT_3 23810	51.66 0.74 -42.55	48.18 0.60 -40.53	45.78 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.78 -34.47	48.90 1.01 -36.83	53.36 1.15 -39.80	54.80 1.52 -38.26	56.61 1.68 -38.75	58.63 1.61 -41.20	57.21 1.75 -38.84	55.02 1.68 -37.68	53.12 1.57 -36.46	48.26 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.24 3.32 -38.01	64.99 3.23 -32.68	64.50 2.83 -36.15	60.02 2.31 -37.64	59.17 1.69 -41.79	52.94 1.51 -37.85	48.26 1.06 -36.25

HUDSON AVE_GT_4 23540	51.66 0.74 -42.55	48.18 0.60 -40.53	45.78 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.78 -34.47	48.90 1.01 -36.83	53.36 1.15 -39.80	54.80 1.52 -38.26	56.61 1.68 -38.75	58.63 1.61 -41.20	57.21 1.75 -38.84	55.02 1.68 -37.68	53.12 1.57 -36.46	48.26 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.24 3.32 -38.01	64.99 3.23 -32.68	64.50 2.83 -36.15	60.02 2.31 -37.64	59.17 1.69 -41.79	52.94 1.51 -37.85	48.26 1.06 -36.25
HUDSON AVE_GT_5 23657	51.66 0.74 -42.55	48.18 0.60 -40.53	45.78 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.78 -34.47	48.90 1.01 -36.83	53.36 1.15 -39.80	54.80 1.52 -38.26	56.61 1.68 -38.75	58.63 1.61 -41.20	57.21 1.75 -38.84	55.02 1.68 -37.68	53.12 1.57 -36.46	48.26 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.24 3.32 -38.01	64.99 3.23 -32.68	64.50 2.83 -36.15	60.02 2.31 -37.64	59.17 1.69 -41.79	52.94 1.51 -37.85	48.26 1.06 -36.25
HUDSON_AVE_10 24168	51.61 0.69 -42.55	48.14 0.56 -40.53	45.75 0.54 -38.57	44.76 0.52 -37.63	43.43 0.64 -34.65	44.21 0.72 -34.47	48.84 0.94 -36.83	53.29 1.08 -39.80	54.73 1.44 -38.26	56.53 1.60 -38.75	58.53 1.52 -41.20	57.11 1.65 -38.84	54.93 1.58 -37.68	53.01 1.46 -36.46	48.17 1.65 -30.77	48.91 1.72 -31.41	59.79 2.08 -38.24	70.07 3.15 -38.01	64.82 3.05 -32.68	64.35 2.68 -36.15	59.91 2.19 -37.64	59.08 1.60 -41.79	52.87 1.44 -37.85	48.19 1.00 -36.25
HUNTER MOUNT___DRP 323613	60.65 0.69 -51.59	57.52 0.61 -49.86	54.66 0.56 -47.45	53.48 0.57 -46.30	51.45 0.68 -42.63	52.19 0.77 -42.41	57.34 0.96 -45.31	62.44 1.07 -48.96	63.32 1.50 -46.80	65.15 1.59 -47.39	67.79 1.58 -50.39	65.79 1.66 -47.50	63.21 1.46 -46.08	61.09 1.40 -44.60	54.84 1.46 -37.63	55.75 1.55 -38.42	68.63 2.12 -47.04	78.97 3.29 -46.76	72.37 3.08 -40.21	72.70 2.70 -44.47	68.35 2.09 -46.19	68.65 1.55 -51.42	61.49 1.34 -46.57	56.45 0.91 -44.60
HUNTINGTON_RES_REC 323705	51.98 1.05 -42.56	48.44 0.85 -40.53	45.97 0.75 -38.58	44.98 0.73 -37.64	43.71 0.91 -34.66	44.56 1.06 -34.48	50.29 1.43 -37.79	53.83 1.61 -39.80	55.36 2.07 -38.27	58.84 2.25 -40.42	59.18 2.13 -41.22	57.75 2.26 -38.86	55.54 2.16 -37.70	53.52 1.96 -36.47	49.12 2.22 -31.15	56.84 2.30 -38.75	66.97 2.88 -44.62	86.36 4.31 -53.14	79.97 4.25 -46.64	69.66 3.73 -40.41	68.22 3.01 -45.14	65.92 2.26 -47.98	57.02 2.02 -41.42	48.68 1.46 -36.28
HUNTLEY___63 23557	13.33 0.20 -4.76	11.82 0.22 -4.54	11.14 0.17 -4.32	11.01 0.18 -4.22	12.26 0.24 -3.88	13.15 0.27 -3.86	15.42 0.22 -4.13	17.16 0.29 -4.46	19.52 0.21 -4.28	20.63 0.11 -4.34	20.65 0.22 -4.61	21.03 0.05 -4.35	19.90 0.02 -4.22	19.29 0.12 -4.08	19.26 0.06 -3.45	19.42 0.13 -3.52	23.75 0.00 -4.28	33.06 -0.12 -4.26	32.54 -0.20 -3.66	29.37 -0.21 -4.05	24.74 0.02 -4.65	20.54 0.17 -4.68	17.79 -0.03 -4.24	15.05 0.04 -4.06
HUNTLEY___64 23558	13.33 0.20 -4.76	11.82 0.22 -4.54	11.14 0.17 -4.32	11.01 0.18 -4.22	12.26 0.24 -3.88	13.15 0.27 -3.86	15.42 0.22 -4.13	17.16 0.29 -4.46	19.52 0.21 -4.28	20.63 0.11 -4.34	20.65 0.22 -4.61	21.03 0.05 -4.35	19.90 0.02 -4.22	19.29 0.12 -4.08	19.26 0.06 -3.45	19.42 0.13 -3.52	23.75 0.00 -4.28	33.06 -0.12 -4.26	32.54 -0.20 -3.66	29.37 -0.21 -4.05	24.74 0.02 -4.65	20.54 0.17 -4.68	17.79 -0.03 -4.24	15.05 0.04 -4.06
HUNTLEY___65 23559	13.33 0.20 -4.76	11.82 0.22 -4.54	11.14 0.17 -4.32	11.01 0.18 -4.22	12.26 0.24 -3.88	13.15 0.27 -3.86	15.42 0.22 -4.13	17.16 0.29 -4.46	19.52 0.21 -4.28	20.63 0.11 -4.34	20.65 0.22 -4.61	21.03 0.05 -4.35	19.90 0.02 -4.22	19.29 0.12 -4.08	19.26 0.06 -3.45	19.42 0.13 -3.52	23.75 0.00 -4.28	33.06 -0.12 -4.26	32.54 -0.20 -3.66	29.37 -0.21 -4.05	24.74 0.02 -4.65	20.54 0.17 -4.68	17.79 -0.03 -4.24	15.05 0.04 -4.06
HUNTLEY___66 23560	13.33 0.20 -4.76	11.82 0.22 -4.54	11.14 0.17 -4.32	11.01 0.18 -4.22	12.26 0.24 -3.88	13.15 0.27 -3.86	15.42 0.22 -4.13	17.16 0.29 -4.46	19.52 0.21 -4.28	20.63 0.11 -4.34	20.65 0.22 -4.61	21.03 0.05 -4.35	19.90 0.02 -4.22	19.29 0.12 -4.08	19.26 0.06 -3.45	19.42 0.13 -3.52	23.75 0.00 -4.28	33.06 -0.12 -4.26	32.54 -0.20 -3.66	29.37 -0.21 -4.05	24.74 0.02 -4.65	20.54 0.17 -4.68	17.79 -0.03 -4.24	15.05 0.04 -4.06
HUNTLEY___67 23561	13.34 0.10 -4.88	11.84 0.13 -4.65	11.17 0.09 -4.43	11.04 0.11 -4.32	12.25 0.13 -3.98	13.14 0.16 -3.96	15.40 0.10 -4.23	17.13 0.15 -4.57	19.44 0.03 -4.39	20.54 -0.08 -4.44	20.56 0.02 -4.72	20.93 -0.15 -4.45	19.82 -0.17 -4.32	19.21 -0.06 -4.18	19.15 -0.13 -3.53	19.32 -0.06 -3.60	23.64 -0.21 -4.39	32.87 -0.40 -4.36	32.37 -0.47 -3.75	29.21 -0.46 -4.15	24.64 -0.18 -4.75	20.48 0.00 -4.80	17.76 -0.16 -4.35	15.04 -0.07 -4.16
HUNTLEY___68 23562	13.34 0.10 -4.88	11.84 0.13 -4.65	11.17 0.09 -4.43	11.04 0.11 -4.32	12.25 0.13 -3.98	13.14 0.16 -3.96	15.40 0.10 -4.23	17.13 0.15 -4.57	19.44 0.03 -4.39	20.54 -0.08 -4.44	20.56 0.02 -4.72	20.93 -0.15 -4.45	19.82 -0.17 -4.32	19.21 -0.06 -4.18	19.15 -0.13 -3.53	19.32 -0.06 -3.60	23.64 -0.21 -4.39	32.87 -0.40 -4.36	32.37 -0.47 -3.75	29.21 -0.46 -4.15	24.64 -0.18 -4.75	20.48 0.00 -4.80	17.76 -0.16 -4.35	15.04 -0.07 -4.16
HYLAND___LFGE 323620	14.16 0.37 -5.43	12.54 0.31 -5.18	11.85 0.27 -4.93	11.70 0.28 -4.81	12.91 0.35 -4.43	13.87 0.44 -4.40	16.32 0.54 -4.71	18.07 0.57 -5.09	20.43 0.53 -4.88	21.64 0.52 -4.95	21.62 0.54 -5.26	22.03 0.45 -4.96	20.92 0.44 -4.81	20.21 0.47 -4.65	20.15 0.47 -3.93	20.31 0.52 -4.01	24.96 0.60 -4.88	34.78 1.01 -4.86	34.28 1.02 -4.17	30.96 0.82 -4.62	26.05 0.74 -5.23	21.63 0.61 -5.34	18.78 0.37 -4.84	15.92 0.34 -4.63
INDECK___CORINTH 23802	83.64 0.65 -74.62	78.99 0.56 -71.37	75.09 0.52 -67.92	73.40 0.52 -66.27	69.81 0.64 -61.03	70.38 0.66 -60.71	76.73 0.81 -64.85	83.42 0.92 -70.09	83.65 1.28 -67.35	85.69 1.31 -68.21	89.63 1.30 -72.52	86.29 1.30 -68.36	83.21 1.22 -66.32	80.51 1.24 -64.19	71.20 1.29 -54.16	72.43 1.36 -55.29	88.62 1.81 -67.34	98.45 2.60 -66.94	89.26 2.62 -57.56	91.38 2.20 -63.66	87.69 1.75 -65.87	90.54 1.26 -73.60	81.40 1.15 -66.67	75.61 0.82 -63.85
INDECK___ILION 23567	5.24 0.23 3.35	4.06 0.20 3.19	3.79 0.19 3.04	3.84 0.19 2.96	5.64 0.24 2.73	6.56 0.26 2.72	8.50 0.33 2.90	9.65 0.37 3.14	12.48 0.48 3.02	13.60 0.48 3.06	13.03 0.46 3.25	14.03 0.46 3.07	13.10 0.41 2.97	12.55 0.35 2.88	13.70 0.38 2.43	13.71 0.41 2.48	16.99 0.54 3.02	26.77 0.87 3.00	27.37 0.87 2.58	23.43 0.77 2.86	18.32 0.62 2.37	12.88 0.50 3.30	11.01 0.42 2.98	8.40 0.32 2.86
INDECK___OLEAN 23982	14.85 0.26 -6.22	13.22 0.23 -5.94	12.49 0.19 -5.65	12.33 0.21 -5.52	13.48 0.27 -5.08	14.39 0.32 -5.05	17.11 0.64 -5.40	18.82 0.57 -5.83	21.01 0.39 -5.60	22.14 0.29 -5.67	22.18 0.33 -6.03	22.56 0.25 -5.69	21.34 0.16 -5.52	20.65 0.23 -5.34	20.44 0.19 -4.50	20.62 0.24 -4.60	25.32 0.25 -5.60	34.91 0.43 -5.57	34.28 0.41 -4.79	31.18 0.36 -5.30	26.47 0.46 -5.93	22.10 0.30 -6.12	19.25 0.12 -5.55	16.52 0.26 -5.31

INDECK___OSWEGO 23783	10.17 -0.06 -1.86	8.78 -0.06 -1.78	8.28 -0.05 -1.69	8.21 -0.05 -1.65	9.59 -0.07 -1.52	10.47 -0.06 -1.51	12.61 -0.08 -1.61	14.07 -0.09 -1.74	16.57 -0.12 -1.67	17.74 -0.13 -1.69	17.49 -0.13 -1.80	18.18 -0.15 -1.70	17.17 -0.14 -1.65	16.54 -0.14 -1.59	16.95 -0.14 -1.34	17.03 -0.13 -1.37	20.95 -0.19 -1.67	30.31 -0.26 -1.66	30.25 -0.26 -1.43	26.85 -0.26 -1.58	21.99 -0.16 -2.08	17.37 -0.14 -1.83	15.09 -0.15 -1.66	12.41 -0.12 -1.59
INDECK___YERKES 23781	13.34 0.21 -4.76	11.82 0.23 -4.54	11.15 0.18 -4.32	11.02 0.19 -4.22	12.27 0.24 -3.88	13.16 0.28 -3.86	15.43 0.23 -4.13	17.18 0.31 -4.46	19.55 0.24 -4.28	20.66 0.15 -4.34	20.67 0.24 -4.61	21.04 0.07 -4.35	19.92 0.03 -4.22	19.30 0.14 -4.08	19.27 0.08 -3.45	19.44 0.14 -3.52	23.77 0.02 -4.28	33.11 -0.06 -4.26	32.60 -0.14 -3.66	29.40 -0.18 -4.05	24.76 0.04 -4.65	20.56 0.19 -4.68	17.82 0.00 -4.24	15.07 0.07 -4.06
INDIAN POINT_GT_1 24139	51.09 0.68 -42.04	47.66 0.56 -40.04	45.28 0.53 -38.11	44.31 0.52 -37.18	43.02 0.64 -34.24	43.79 0.71 -34.06	48.39 0.93 -36.39	52.78 1.04 -39.32	54.19 1.37 -37.81	55.97 1.50 -38.29	57.98 1.45 -40.71	56.58 1.58 -38.37	54.39 1.49 -37.23	52.50 1.39 -36.03	47.69 1.54 -30.40	48.43 1.61 -31.04	59.24 1.99 -37.78	69.48 3.01 -37.56	64.31 2.94 -32.29	63.82 2.58 -35.72	59.36 2.09 -37.20	58.52 1.54 -41.30	52.32 1.34 -37.40	47.72 0.95 -35.82
INDIAN POINT_GT_2 23659	51.09 0.68 -42.04	47.66 0.56 -40.04	45.28 0.53 -38.11	44.31 0.52 -37.18	43.02 0.64 -34.24	43.79 0.71 -34.06	48.39 0.93 -36.39	52.78 1.04 -39.32	54.19 1.37 -37.81	55.97 1.50 -38.29	57.98 1.45 -40.71	56.58 1.58 -38.37	54.39 1.49 -37.23	52.50 1.39 -36.03	47.69 1.54 -30.40	48.43 1.61 -31.04	59.24 1.99 -37.78	69.48 3.01 -37.56	64.31 2.94 -32.29	63.82 2.58 -35.72	59.36 2.09 -37.20	58.52 1.54 -41.30	52.32 1.34 -37.40	47.72 0.95 -35.82
INDIAN POINT_GT_3 24019	51.09 0.68 -42.04	47.66 0.56 -40.04	45.28 0.53 -38.11	44.31 0.52 -37.18	43.02 0.64 -34.24	43.79 0.71 -34.06	48.39 0.93 -36.39	52.78 1.04 -39.32	54.19 1.37 -37.81	55.97 1.50 -38.29	57.98 1.45 -40.71	56.58 1.58 -38.37	54.39 1.49 -37.23	52.50 1.39 -36.03	47.69 1.54 -30.40	48.43 1.61 -31.04	59.24 1.99 -37.78	69.48 3.01 -37.56	64.31 2.94 -32.29	63.82 2.58 -35.72	59.36 2.09 -37.20	58.52 1.54 -41.30	52.32 1.34 -37.40	47.72 0.95 -35.82
INDIAN POINT___2 23530	50.30 0.64 -41.29	46.92 0.53 -39.34	44.59 0.51 -37.44	43.64 0.50 -36.53	42.39 0.62 -33.64	43.16 0.69 -33.46	47.71 0.90 -35.75	52.05 1.00 -38.63	53.48 1.32 -37.14	55.25 1.46 -37.62	57.22 1.41 -39.99	55.84 1.51 -37.70	53.68 1.44 -36.58	51.82 1.34 -35.40	47.11 1.50 -29.87	47.82 1.55 -30.49	58.51 1.93 -37.12	68.73 2.92 -36.90	63.63 2.82 -31.73	63.12 2.50 -35.09	58.66 2.03 -36.56	57.72 1.47 -40.57	51.61 1.29 -36.75	47.05 0.92 -35.19
INDIAN POINT___3 23531	51.09 0.64 -42.08	47.66 0.52 -40.08	45.29 0.50 -38.14	44.32 0.50 -37.21	43.02 0.61 -34.27	43.78 0.68 -34.09	48.38 0.89 -36.42	52.76 0.99 -39.36	54.17 1.31 -37.84	55.94 1.44 -38.32	57.95 1.39 -40.74	56.53 1.50 -38.41	54.36 1.43 -37.26	52.48 1.33 -36.06	47.66 1.48 -30.43	48.38 1.53 -31.06	59.19 1.91 -37.81	69.39 2.89 -37.59	64.20 2.79 -32.32	63.75 2.48 -35.75	59.31 2.01 -37.23	58.49 1.47 -41.33	52.29 1.28 -37.44	47.70 0.91 -35.85
IP CORINTH___1 23988	83.69 0.70 -74.62	79.03 0.60 -71.37	75.13 0.56 -67.92	73.44 0.56 -66.27	69.86 0.69 -61.03	70.45 0.72 -60.71	76.80 0.87 -64.85	83.49 0.99 -70.09	83.74 1.37 -67.35	85.79 1.41 -68.21	89.73 1.39 -72.52	86.38 1.40 -68.36	83.31 1.32 -66.32	80.60 1.33 -64.19	71.29 1.39 -54.16	72.52 1.45 -55.29	88.74 1.93 -67.34	98.63 2.78 -66.94	89.43 2.79 -57.56	91.53 2.35 -63.66	87.81 1.87 -65.87	90.63 1.35 -73.60	81.48 1.24 -66.67	75.68 0.89 -63.85
IP___TICONDEROGA 23804	79.53 1.30 -69.86	74.95 1.11 -66.78	71.23 1.03 -63.55	69.66 1.04 -62.01	66.53 1.29 -57.10	67.25 1.42 -56.80	73.43 1.67 -60.68	79.79 1.80 -65.58	80.67 2.63 -63.02	82.81 2.81 -63.83	86.44 2.77 -67.85	83.41 2.81 -63.97	80.35 2.62 -62.06	77.64 2.49 -60.06	69.17 2.74 -50.68	70.42 2.90 -51.74	86.24 3.76 -63.01	97.13 5.58 -62.64	88.55 5.61 -53.86	89.94 4.85 -59.57	85.50 3.75 -61.67	87.33 2.78 -68.87	78.18 2.23 -62.38	72.41 1.73 -59.74
ISLIP_RES_REC 323679	52.17 1.25 -42.56	48.60 1.02 -40.53	46.12 0.90 -38.58	45.13 0.88 -37.64	43.90 1.11 -34.66	44.79 1.29 -34.48	50.61 1.74 -37.80	54.17 1.95 -39.80	55.77 2.48 -38.27	59.26 2.67 -40.42	59.56 2.52 -41.22	58.17 2.68 -38.86	55.90 2.52 -37.70	53.85 2.29 -36.47	49.52 2.61 -31.16	57.26 2.73 -38.75	67.54 3.45 -44.62	87.14 5.09 -53.14	80.73 5.00 -46.64	70.35 4.42 -40.41	68.75 3.53 -45.14	66.33 2.67 -47.98	57.40 2.40 -41.42	48.95 1.73 -36.28
JARVIS____ 23743	5.09 0.08 3.35	3.93 0.07 3.19	3.67 0.07 3.04	3.71 0.07 2.96	5.49 0.08 2.73	6.39 0.09 2.72	8.28 0.11 2.90	9.40 0.12 3.14	12.17 0.17 3.02	13.29 0.18 3.06	12.74 0.17 3.25	13.75 0.18 3.07	12.85 0.16 2.97	12.36 0.15 2.88	13.48 0.16 2.43	13.46 0.16 2.48	16.66 0.21 3.02	26.23 0.32 3.00	26.82 0.32 2.58	22.95 0.28 2.86	17.94 0.24 2.37	12.57 0.19 3.30	10.74 0.15 2.98	8.19 0.10 2.86
JENNISON___1 23625	19.45 0.57 -10.51	17.58 0.49 -10.03	16.65 0.46 -9.55	16.38 0.46 -9.32	17.28 0.56 -8.58	18.18 0.63 -8.53	20.99 0.80 -9.12	23.20 0.93 -9.85	25.61 1.13 -9.46	26.94 1.18 -9.58	27.12 1.11 -10.19	27.38 1.15 -9.61	26.07 1.08 -9.32	25.07 0.97 -9.02	24.38 1.02 -7.61	24.59 1.04 -7.77	30.34 1.40 -9.46	40.60 2.28 -9.41	39.56 2.39 -8.09	36.51 2.04 -8.95	31.40 1.63 -9.70	27.14 1.11 -10.34	23.78 0.83 -9.37	20.60 0.68 -8.98
JENNISON___2 23626	19.45 0.57 -10.51	17.58 0.49 -10.03	16.65 0.46 -9.55	16.38 0.46 -9.32	17.28 0.56 -8.58	18.18 0.63 -8.53	20.99 0.80 -9.12	23.20 0.93 -9.85	25.61 1.13 -9.46	26.94 1.18 -9.58	27.12 1.11 -10.19	27.38 1.15 -9.61	26.07 1.08 -9.32	25.07 0.97 -9.02	24.38 1.02 -7.61	24.59 1.04 -7.77	30.34 1.40 -9.46	40.60 2.28 -9.41	39.56 2.39 -8.09	36.51 2.04 -8.95	31.40 1.63 -9.70	27.14 1.11 -10.34	23.78 0.83 -9.37	20.60 0.68 -8.98
JERICHO_RISE_WT_PWR 323719	6.60 -0.31 1.46	5.42 -0.25 1.39	5.09 -0.23 1.32	5.10 -0.22 1.29	6.66 -0.29 1.19	7.49 -0.34 1.18	9.34 -0.46 1.26	10.45 -0.60 1.36	12.79 -0.80 1.43	13.92 -0.81 1.45	13.50 -0.77 1.54	14.43 -0.75 1.45	13.57 -0.69 1.41	13.07 -0.65 1.37	13.90 -0.69 1.15	13.85 -0.76 1.18	17.14 -0.90 1.43	26.04 -1.44 1.42	26.64 -1.22 1.22	23.17 -1.00 1.35	18.01 -0.82 1.24	13.47 -0.64 1.57	11.76 -0.52 1.30	9.36 -0.34 1.24
KEDC PORT_JEFF_GT2 24210	52.05 1.13 -42.56	48.50 0.92 -40.53	46.02 0.80 -38.58	45.04 0.79 -37.64	43.79 0.99 -34.66	44.65 1.15 -34.48	50.42 1.56 -37.79	53.97 1.75 -39.80	55.53 2.24 -38.27	59.02 2.43 -40.42	59.33 2.29 -41.22	57.92 2.43 -38.86	55.68 2.30 -37.70	53.64 2.08 -36.47	49.27 2.38 -31.14	57.01 2.48 -38.75	67.15 3.06 -44.62	86.50 4.45 -53.14	80.11 4.39 -46.64	69.84 3.91 -40.41	68.36 3.15 -45.14	66.06 2.40 -47.98	57.18 2.19 -41.42	48.80 1.58 -36.28

KEDC PORT_JEFF_GT3 24211	52.05 1.13 -42.56	48.50 0.92 -40.53	46.02 0.80 -38.58	45.04 0.79 -37.64	43.79 0.99 -34.66	44.65 1.15 -34.48	50.42 1.56 -37.79	53.97 1.75 -39.80	55.53 2.24 -38.27	59.02 2.43 -40.42	59.33 2.29 -41.22	57.92 2.43 -38.86	55.68 2.30 -37.70	53.64 2.08 -36.47	49.27 2.38 -31.14	57.01 2.48 -38.75	67.15 3.06 -44.62	86.50 4.45 -53.14	80.11 4.39 -46.64	69.84 3.91 -40.41	68.36 3.15 -45.14	66.06 2.40 -47.98	57.18 2.19 -41.42	48.80 1.58 -36.28
KEDC_GLWD_GT4 24219	51.81 0.87 -42.57	48.31 0.71 -40.54	45.87 0.64 -38.58	44.88 0.63 -37.64	43.58 0.78 -34.66	44.39 0.89 -34.48	50.32 1.17 -38.07	53.55 1.33 -39.81	55.02 1.73 -38.27	58.47 1.88 -40.42	58.84 1.80 -41.22	57.43 1.94 -38.86	55.22 1.85 -37.71	53.26 1.70 -36.47	49.16 1.90 -31.50	56.50 1.97 -38.75	66.47 2.37 -44.62	85.64 3.58 -53.14	79.21 3.49 -46.64	69.00 3.06 -40.41	67.70 2.49 -45.14	65.49 1.83 -47.98	56.59 1.60 -41.41	48.43 1.20 -36.28
KEDC_GLWD_GT5 24220	51.81 0.87 -42.57	48.31 0.71 -40.54	45.87 0.64 -38.58	44.88 0.63 -37.64	43.58 0.78 -34.66	44.39 0.89 -34.48	50.32 1.17 -38.07	53.55 1.33 -39.81	55.02 1.73 -38.27	58.47 1.88 -40.42	58.84 1.80 -41.22	57.43 1.94 -38.86	55.22 1.85 -37.71	53.26 1.70 -36.47	49.16 1.90 -31.50	56.50 1.97 -38.75	66.47 2.37 -44.62	85.64 3.58 -53.14	79.21 3.49 -46.64	69.00 3.06 -40.41	67.70 2.49 -45.14	65.49 1.83 -47.98	56.59 1.60 -41.41	48.43 1.20 -36.28
KENSICO____ 23655	51.51 0.71 -42.43	48.04 0.58 -40.41	45.66 0.56 -38.46	44.68 0.55 -37.52	43.36 0.67 -34.55	44.14 0.75 -34.37	48.75 0.96 -36.72	53.17 1.08 -39.68	54.60 1.43 -38.15	56.38 1.57 -38.64	58.41 1.52 -41.08	57.00 1.65 -38.72	54.80 1.57 -37.57	52.89 1.45 -36.36	48.03 1.61 -30.68	48.77 1.67 -31.32	59.68 2.08 -38.13	69.96 3.15 -37.90	64.72 3.05 -32.59	64.25 2.68 -36.04	59.80 2.19 -37.54	58.95 1.60 -41.67	52.72 1.40 -37.74	48.09 1.00 -36.15
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.20 0.82 -39.01	45.43 0.70 -37.67	43.15 0.66 -35.85	42.25 0.66 -34.98	41.14 0.79 -32.21	41.95 0.88 -32.04	46.44 1.14 -34.23	50.68 1.28 -36.99	50.53 1.70 -33.81	52.21 1.80 -34.24	53.99 1.77 -36.40	52.80 1.86 -34.31	50.59 1.63 -33.29	48.83 1.52 -32.22	44.59 1.65 -27.19	45.32 1.78 -27.75	57.51 2.49 -35.54	68.15 3.90 -35.33	63.13 3.66 -30.38	62.34 3.22 -33.60	57.61 2.51 -35.03	56.37 1.83 -38.85	50.34 1.57 -35.19	45.75 1.10 -33.70
KIAC_JFK_GT1 23816	51.54 0.62 -42.55	48.08 0.50 -40.53	45.69 0.48 -38.57	44.70 0.46 -37.63	43.35 0.56 -34.65	44.13 0.64 -34.47	48.75 0.85 -36.83	53.21 1.00 -39.80	54.62 1.34 -38.26	56.44 1.52 -38.75	58.39 1.38 -41.20	56.98 1.51 -38.84	54.79 1.44 -37.68	52.88 1.33 -36.46	48.03 1.51 -30.77	48.77 1.58 -31.41	59.63 1.93 -38.24	69.87 2.95 -38.01	64.62 2.85 -32.68	64.17 2.50 -36.15	59.77 2.05 -37.64	58.95 1.47 -41.79	52.80 1.37 -37.85	48.13 0.93 -36.25
KIAC_JFK_GT2 23817	51.54 0.62 -42.55	48.08 0.50 -40.53	45.69 0.48 -38.57	44.70 0.46 -37.63	43.35 0.56 -34.65	44.13 0.64 -34.47	48.75 0.85 -36.83	53.21 1.00 -39.80	54.62 1.34 -38.26	56.44 1.52 -38.75	58.39 1.38 -41.20	56.98 1.51 -38.84	54.79 1.44 -37.68	52.88 1.33 -36.46	48.03 1.51 -30.77	48.77 1.58 -31.41	59.63 1.93 -38.24	69.87 2.95 -38.01	64.62 2.85 -32.68	64.17 2.50 -36.15	59.77 2.05 -37.64	58.95 1.47 -41.79	52.80 1.37 -37.85	48.13 0.93 -36.25
KINTIGH____ 23543	12.45 0.00 -4.08	10.98 0.03 -3.90	10.36 0.01 -3.71	10.25 0.02 -3.62	11.50 0.02 -3.33	12.37 0.04 -3.32	14.58 -0.03 -3.54	16.20 -0.04 -3.83	18.50 -0.20 -3.68	19.62 -0.28 -3.72	19.57 -0.21 -3.96	20.01 -0.35 -3.73	18.96 -0.33 -3.62	18.35 -0.24 -3.50	18.42 -0.28 -2.96	18.55 -0.25 -3.02	22.74 -0.41 -3.68	31.90 -0.66 -3.65	31.53 -0.70 -3.14	28.34 -0.66 -3.48	23.75 -0.38 -4.06	19.51 -0.19 -4.02	16.93 -0.29 -3.64	14.27 -0.16 -3.49
LEDERLE____ 23769	49.59 0.73 -40.50	46.25 0.60 -38.60	43.95 0.57 -36.73	43.02 0.57 -35.84	41.84 0.70 -33.00	42.62 0.78 -32.83	47.15 1.01 -35.07	51.44 1.13 -37.90	52.94 1.47 -36.44	54.68 1.60 -36.91	56.62 1.57 -39.24	55.29 1.68 -36.99	53.14 1.58 -35.89	51.29 1.48 -34.73	46.69 1.64 -29.30	47.40 1.70 -29.92	58.01 2.12 -36.42	68.32 3.21 -36.20	63.32 3.11 -31.13	62.71 2.76 -34.43	58.18 2.23 -35.88	57.12 1.63 -39.80	51.05 1.43 -36.05	46.49 1.02 -34.53
LINDEN COGEN____ 23786	51.57 0.65 -42.54	48.10 0.52 -40.52	45.71 0.50 -38.56	44.72 0.49 -37.62	43.38 0.60 -34.64	44.17 0.69 -34.47	48.79 0.90 -36.83	53.24 1.03 -39.80	54.66 1.38 -38.26	56.46 1.54 -38.75	58.47 1.45 -41.20	57.06 1.60 -38.84	54.88 1.54 -37.68	52.97 1.42 -36.46	48.12 1.61 -30.77	48.85 1.66 -31.41	59.69 1.99 -38.24	60.23 3.03 -28.29	60.23 2.94 -28.21	60.20 2.58 -32.10	59.82 2.11 -37.64	59.01 1.54 -41.79	52.80 1.37 -37.85	48.14 0.94 -36.25
LIPA_MISC_IPP 23656	52.05 1.12 -42.56	48.50 0.92 -40.53	46.02 0.80 -38.58	45.03 0.79 -37.64	43.78 0.98 -34.66	44.63 1.14 -34.48	50.39 1.54 -37.78	53.95 1.74 -39.80	55.50 2.21 -38.27	58.99 2.39 -40.42	59.29 2.25 -41.22	57.88 2.40 -38.86	55.61 2.24 -37.70	53.58 2.02 -36.47	49.22 2.33 -31.14	56.96 2.43 -38.75	67.13 3.04 -44.62	86.54 4.48 -53.14	80.14 4.42 -46.64	69.84 3.91 -40.41	68.36 3.15 -45.14	66.03 2.37 -47.98	57.15 2.16 -41.42	48.78 1.55 -36.28
LISF__SOLAR 323691	52.06 1.14 -42.56	48.51 0.92 -40.53	46.03 0.81 -38.58	45.04 0.79 -37.64	43.79 0.99 -34.66	44.65 1.15 -34.48	50.42 1.56 -37.79	53.98 1.76 -39.80	55.53 2.24 -38.27	59.02 2.43 -40.42	59.32 2.28 -41.22	57.90 2.41 -38.86	55.64 2.27 -37.70	53.59 2.04 -36.47	49.25 2.36 -31.14	56.99 2.46 -38.75	67.17 3.08 -44.62	86.59 4.54 -53.14	80.20 4.48 -46.64	69.89 3.96 -40.41	68.40 3.19 -45.14	66.06 2.40 -47.98	57.19 2.20 -41.42	48.80 1.58 -36.28
LITTLE FALLS__HYD 24013	5.43 0.42 3.35	4.23 0.37 3.19	3.96 0.35 3.04	4.00 0.36 2.96	5.84 0.43 2.73	6.80 0.50 2.72	8.79 0.62 2.90	9.97 0.69 3.14	12.87 0.87 3.02	13.99 0.87 3.06	13.39 0.82 3.25	14.38 0.81 3.07	13.37 0.67 2.97	12.79 0.59 2.88	13.97 0.65 2.43	13.99 0.69 2.48	17.40 0.95 3.02	27.41 1.50 3.00	28.04 1.54 2.58	24.02 1.35 2.86	18.80 1.10 2.37	13.30 0.93 3.30	11.37 0.77 2.98	8.70 0.61 2.86
LI_NEWBRDGE__DRP 323616	51.83 0.91 -42.55	48.32 0.73 -40.53	45.86 0.64 -38.58	44.88 0.63 -37.64	43.59 0.79 -34.66	44.41 0.91 -34.48	49.99 1.22 -37.70	53.59 1.38 -39.80	55.06 1.77 -38.27	58.49 1.89 -40.42	58.84 1.80 -41.22	57.42 1.93 -38.86	55.22 1.85 -37.70	53.25 1.69 -36.47	48.73 1.92 -31.06	56.50 1.97 -38.75	66.51 2.41 -44.62	85.70 3.64 -53.14	79.27 3.55 -46.64	69.07 3.14 -40.41	67.74 2.53 -45.14	65.54 1.88 -47.98	56.68 1.68 -41.42	48.46 1.24 -36.28
LONG_LAKE_PHOENIX 24014	10.32 -0.02 -1.97	8.91 -0.02 -1.88	8.41 -0.02 -1.79	8.33 -0.02 -1.74	9.73 -0.02 -1.60	10.61 -0.01 -1.60	12.78 0.00 -1.71	14.26 0.00 -1.84	16.76 -0.03 -1.77	17.93 -0.03 -1.79	17.71 -0.02 -1.90	18.39 -0.03 -1.79	17.36 -0.05 -1.74	16.74 -0.03 -1.68	17.12 -0.05 -1.42	17.20 -0.03 -1.45	21.18 -0.06 -1.77	30.58 -0.09 -1.76	30.54 -0.06 -1.51	27.12 -0.08 -1.67	22.21 -0.04 -2.18	17.58 -0.03 -1.93	15.25 -0.08 -1.75	12.57 -0.05 -1.68

LOVETT___3 23632	49.71 0.64 -40.71	46.37 0.52 -38.80	44.07 0.50 -36.92	43.13 0.50 -36.02	41.92 0.61 -33.17	42.69 0.68 -33.00	47.21 0.89 -35.25	51.50 0.99 -38.10	52.94 1.29 -36.63	54.69 1.42 -37.10	56.63 1.38 -39.44	55.29 1.48 -37.18	53.15 1.41 -36.07	51.31 1.31 -34.91	46.67 1.46 -29.45	47.38 1.53 -30.07	57.94 1.87 -36.60	68.13 2.83 -36.39	63.14 2.76 -31.29	62.58 2.45 -34.60	58.12 1.99 -36.06	57.15 1.46 -40.01	51.08 1.26 -36.24	46.55 0.90 -34.71
LOVETT___4 23642	49.77 0.66 -40.74	46.42 0.54 -38.82	44.11 0.52 -36.95	43.18 0.52 -36.05	41.97 0.64 -33.20	42.75 0.70 -33.02	47.27 0.92 -35.28	51.57 1.03 -38.12	53.01 1.34 -36.65	54.77 1.47 -37.12	56.71 1.42 -39.47	55.36 1.53 -37.21	53.22 1.46 -36.10	51.38 1.36 -34.93	46.74 1.51 -29.48	47.44 1.56 -30.09	58.03 1.93 -36.63	68.24 2.92 -36.41	63.25 2.85 -31.31	62.68 2.53 -34.63	58.21 2.05 -36.09	57.23 1.51 -40.04	51.14 1.30 -36.26	46.60 0.93 -34.73
LOVETT___5 23593	49.77 0.66 -40.74	46.42 0.54 -38.82	44.11 0.52 -36.95	43.18 0.52 -36.05	41.97 0.64 -33.20	42.75 0.70 -33.02	47.27 0.92 -35.28	51.57 1.03 -38.12	53.01 1.34 -36.65	54.77 1.47 -37.12	56.71 1.42 -39.47	55.36 1.53 -37.21	53.22 1.46 -36.10	51.38 1.36 -34.93	46.74 1.51 -29.48	47.44 1.56 -30.09	58.03 1.93 -36.63	68.24 2.92 -36.41	63.25 2.85 -31.31	62.68 2.53 -34.63	58.21 2.05 -36.09	57.23 1.51 -40.04	51.14 1.30 -36.26	46.60 0.93 -34.73
LOWER RAQUET___HYD 24057	7.73 -0.64 0.00	6.54 -0.51 0.00	6.17 -0.48 0.00	6.12 -0.49 0.00	7.52 -0.62 0.00	8.18 -0.84 0.00	9.54 -1.53 0.00	10.41 -2.00 0.00	12.65 -2.37 0.00	13.67 -2.51 0.00	13.32 -2.50 0.00	14.57 -2.06 0.00	14.01 -1.66 0.00	13.70 -1.39 0.00	14.35 -1.40 0.00	13.90 -1.88 0.00	17.21 -2.26 0.00	24.95 -3.96 0.00	25.30 -3.78 0.00	22.18 -3.34 0.00	17.64 -2.77 -0.34	13.80 -1.88 0.00	11.97 -1.60 0.00	9.96 -0.98 0.00
LOWER___HUDSON 24059	82.20 0.58 -73.26	77.65 0.49 -70.10	73.81 0.46 -66.71	72.15 0.46 -65.08	68.63 0.56 -59.94	69.26 0.62 -59.62	75.53 0.76 -63.69	82.10 0.86 -68.83	82.40 1.23 -66.14	84.47 1.31 -66.99	88.32 1.28 -71.22	85.08 1.31 -67.14	82.04 1.24 -65.14	79.33 1.21 -63.04	70.18 1.24 -53.19	71.33 1.25 -54.30	87.18 1.58 -66.13	96.99 2.34 -65.74	88.00 2.39 -56.53	90.11 2.07 -62.52	86.43 1.65 -64.71	89.25 1.29 -72.28	80.15 1.10 -65.47	74.43 0.78 -62.71
LWR___OSWEGATCHIE_HYD 23850	7.89 -0.48 0.00	6.67 -0.39 0.00	6.29 -0.36 0.00	6.25 -0.36 0.00	7.67 -0.46 0.00	8.41 -0.60 0.00	10.00 -1.07 0.00	11.06 -1.35 0.00	13.41 -1.61 0.00	14.48 -1.70 0.00	14.11 -1.71 0.00	15.20 -1.43 0.00	14.52 -1.14 0.00	14.07 -1.01 0.00	14.72 -1.02 0.00	14.47 -1.31 0.00	17.91 -1.56 0.00	26.31 -2.60 0.00	26.61 -2.47 0.00	23.30 -2.22 0.00	18.61 -1.87 -0.40	14.40 -1.29 0.00	12.45 -1.13 0.00	10.21 -0.73 0.00
LYONS_FALL_HYD 23570	6.77 -0.05 1.54	5.55 -0.04 1.47	5.21 -0.03 1.40	5.21 -0.03 1.36	6.83 -0.05 1.26	7.70 -0.07 1.25	9.56 -0.18 1.33	10.76 -0.21 1.44	13.41 -0.21 1.40	14.53 -0.23 1.42	14.06 -0.25 1.51	15.04 -0.17 1.42	14.18 -0.11 1.38	13.63 -0.12 1.34	14.51 -0.11 1.13	14.44 -0.19 1.15	17.93 -0.14 1.40	27.34 -0.17 1.39	27.77 -0.12 1.20	24.05 -0.15 1.33	19.05 -0.16 0.86	14.01 -0.14 1.53	12.01 -0.19 1.37	9.52 -0.11 1.31
MADISON___COUNTY_LFGE 323628	8.58 0.22 0.00	7.24 0.18 0.00	6.81 0.17 0.00	6.78 0.17 0.00	8.34 0.20 0.00	9.25 0.23 0.00	11.35 0.28 0.00	12.73 0.32 0.00	15.41 0.39 0.00	16.58 0.40 0.00	16.20 0.38 0.00	17.04 0.42 0.00	16.07 0.41 0.00	15.45 0.36 0.00	16.13 0.38 0.00	16.14 0.36 0.00	19.97 0.51 0.00	29.75 0.84 0.00	29.96 0.87 0.00	26.26 0.74 0.00	21.18 0.58 -0.52	16.07 0.39 0.00	13.85 0.27 0.00	11.17 0.23 0.00
MAPLE_RIDGE_WT_1 323574	2.67 -0.03 5.66	1.64 -0.02 5.39	1.49 -0.02 5.13	1.58 -0.02 5.01	3.50 -0.02 4.61	4.40 -0.03 4.59	6.14 -0.03 4.90	7.05 -0.06 5.30	9.81 -0.07 5.14	10.89 -0.08 5.21	10.19 -0.09 5.54	11.29 -0.12 5.22	10.45 -0.16 5.06	10.02 -0.17 4.90	11.46 -0.16 4.13	11.43 -0.13 4.22	14.19 -0.14 5.14	23.63 -0.17 5.11	24.57 -0.12 4.40	20.56 -0.10 4.86	15.33 -0.08 4.66	10.00 -0.06 5.62	8.48 -0.05 5.04	6.06 -0.05 4.83
MAPLE_RIDGE_WT_2 323611	2.67 -0.03 5.66	1.64 -0.02 5.39	1.49 -0.02 5.13	1.58 -0.02 5.01	3.50 -0.02 4.61	4.40 -0.03 4.59	6.14 -0.03 4.90	7.05 -0.06 5.30	9.81 -0.07 5.14	10.89 -0.08 5.21	10.19 -0.09 5.54	11.29 -0.12 5.22	10.45 -0.16 5.06	10.02 -0.17 4.90	11.46 -0.16 4.13	11.43 -0.13 4.22	14.19 -0.14 5.14	23.63 -0.17 5.11	24.57 -0.12 4.40	20.56 -0.10 4.86	15.33 -0.08 4.66	10.00 -0.06 5.62	8.48 -0.05 5.04	6.06 -0.05 4.83
MARBLE_RIVER_WT_PWR 323696	6.59 -0.27 1.51	5.41 -0.21 1.44	5.08 -0.19 1.37	5.09 -0.19 1.33	6.68 -0.23 1.23	7.53 -0.27 1.22	9.40 -0.37 1.31	10.52 -0.48 1.41	12.89 -0.65 1.49	14.02 -0.65 1.50	13.60 -0.62 1.60	14.52 -0.60 1.51	13.64 -0.56 1.46	13.13 -0.54 1.42	13.99 -0.57 1.19	13.95 -0.62 1.22	17.26 -0.72 1.49	26.28 -1.16 1.48	26.86 -0.96 1.27	23.35 -0.77 1.40	18.12 -0.64 1.31	13.54 -0.52 1.62	11.81 -0.42 1.34	9.39 -0.26 1.29
MARSH_HILL_WT_PWR 323713	15.46 0.43 -6.66	13.79 0.38 -6.36	13.04 0.35 -6.05	12.87 0.36 -5.90	14.03 0.46 -5.43	14.97 0.54 -5.41	17.57 0.72 -5.78	19.47 0.82 -6.24	21.81 0.80 -5.99	22.97 0.73 -6.07	23.00 0.73 -6.45	23.33 0.62 -6.08	22.06 0.49 -5.90	21.36 0.56 -5.71	21.10 0.54 -4.82	21.32 0.61 -4.92	26.22 0.76 -6.00	36.11 1.24 -5.96	35.49 1.28 -5.12	32.26 1.07 -5.67	27.33 0.94 -6.32	22.96 0.72 -6.55	19.97 0.46 -5.94	17.06 0.43 -5.69
MG INDUSTRY___DRP 24185	78.59 0.29 -69.93	74.30 0.26 -66.98	70.63 0.25 -63.74	69.05 0.24 -62.19	65.70 0.29 -57.27	66.32 0.33 -56.97	72.35 0.42 -60.86	78.64 0.46 -65.77	78.93 0.71 -63.20	80.94 0.76 -64.01	84.61 0.74 -68.05	81.56 0.78 -64.15	78.64 0.74 -62.24	76.04 0.72 -60.23	67.31 0.74 -50.82	68.39 0.73 -51.88	83.54 0.88 -63.19	93.06 1.33 -62.82	84.41 1.31 -54.02	86.44 1.17 -59.74	82.87 0.94 -61.86	85.52 0.77 -69.07	76.82 0.68 -62.56	71.30 0.44 -59.92
MID___OSWEGATCHIE_HYD 23849	7.89 -0.48 0.00	6.67 -0.39 0.00	6.29 -0.36 0.00	6.25 -0.36 0.00	7.67 -0.46 0.00	8.41 -0.60 0.00	10.00 -1.07 0.00	11.06 -1.35 0.00	13.41 -1.61 0.00	14.48 -1.70 0.00	14.11 -1.71 0.00	15.20 -1.43 0.00	14.52 -1.14 0.00	14.07 -1.01 0.00	14.72 -1.02 0.00	14.47 -1.31 0.00	17.91 -1.56 0.00	26.31 -2.60 0.00	26.61 -2.47 0.00	23.30 -2.22 0.00	18.61 -1.87 -0.40	14.40 -1.29 0.00	12.45 -1.13 0.00	10.21 -0.73 0.00
MID___RAQUETTE_HYD 23851	7.73 -0.64 0.00	6.54 -0.51 0.00	6.17 -0.48 0.00	6.12 -0.49 0.00	7.52 -0.62 0.00	8.18 -0.84 0.00	9.54 -1.53 0.00	10.41 -2.00 0.00	12.65 -2.37 0.00	13.67 -2.51 0.00	13.32 -2.50 0.00	14.57 -2.06 0.00	14.01 -1.66 0.00	13.70 -1.39 0.00	14.35 -1.40 0.00	13.90 -1.88 0.00	17.21 -2.26 0.00	24.95 -3.96 0.00	25.30 -3.78 0.00	22.18 -3.34 0.00	17.64 -2.77 -0.34	13.80 -1.88 0.00	11.97 -1.60 0.00	9.96 -0.98 0.00

MILLIKEN___1 23584	14.15 0.34 -5.45	12.53 0.27 -5.20	11.84 0.25 -4.95	11.69 0.24 -4.83	12.90 0.32 -4.45	13.82 0.38 -4.43	16.29 0.49 -4.73	18.08 0.56 -5.11	20.56 0.63 -4.91	21.81 0.66 -4.97	21.75 0.65 -5.28	22.27 0.67 -4.98	21.10 0.60 -4.83	20.35 0.59 -4.68	20.28 0.58 -3.95	20.42 0.61 -4.03	25.18 0.80 -4.91	35.09 1.30 -4.88	34.62 1.34 -4.19	31.31 1.15 -4.64	26.25 0.92 -5.26	21.71 0.66 -5.36	18.91 0.47 -4.86	15.98 0.38 -4.66
MILLIKEN___2 23585	14.15 0.34 -5.45	12.53 0.27 -5.20	11.84 0.25 -4.95	11.69 0.24 -4.83	12.90 0.32 -4.45	13.82 0.38 -4.43	16.29 0.49 -4.73	18.08 0.56 -5.11	20.56 0.63 -4.91	21.81 0.66 -4.97	21.75 0.65 -5.28	22.27 0.67 -4.98	21.10 0.60 -4.83	20.35 0.59 -4.68	20.28 0.58 -3.95	20.42 0.61 -4.03	25.18 0.80 -4.91	35.09 1.30 -4.88	34.62 1.34 -4.19	31.31 1.15 -4.64	26.25 0.92 -5.26	21.71 0.66 -5.36	18.91 0.47 -4.86	15.98 0.38 -4.66
MILLIKEN___DIESEL 23629	14.15 0.34 -5.45	12.53 0.27 -5.20	11.84 0.25 -4.95	11.69 0.24 -4.83	12.90 0.32 -4.45	13.82 0.38 -4.43	16.29 0.49 -4.73	18.08 0.56 -5.11	20.56 0.63 -4.91	21.81 0.66 -4.97	21.75 0.65 -5.28	22.27 0.67 -4.98	21.10 0.60 -4.83	20.35 0.59 -4.68	20.28 0.58 -3.95	20.42 0.61 -4.03	25.18 0.80 -4.91	35.09 1.30 -4.88	34.62 1.34 -4.19	31.31 1.15 -4.64	26.25 0.92 -5.26	21.71 0.66 -5.36	18.91 0.47 -4.86	15.98 0.38 -4.66
MILLSEAT___LFGE 323607	13.00 0.24 -4.39	11.50 0.25 -4.19	10.83 0.20 -3.99	10.72 0.21 -3.89	11.99 0.27 -3.59	12.90 0.32 -3.57	15.15 0.27 -3.81	16.79 0.26 -4.12	19.13 0.15 -3.95	20.26 0.08 -4.01	20.25 0.17 -4.26	20.64 0.00 -4.01	19.59 0.03 -3.89	18.96 0.11 -3.77	19.01 0.08 -3.18	19.15 0.13 -3.25	23.44 0.02 -3.96	32.81 -0.03 -3.93	32.41 -0.06 -3.38	29.11 -0.15 -3.74	24.48 0.08 -4.33	20.21 0.20 -4.32	17.51 0.01 -3.92	14.79 0.10 -3.75
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.34 0.69 -42.28	47.89 0.56 -40.27	45.51 0.54 -38.32	44.54 0.54 -37.39	43.23 0.66 -34.43	44.00 0.73 -34.25	48.60 0.94 -36.59	53.02 1.07 -39.54	54.44 1.40 -38.02	56.22 1.54 -38.51	58.24 1.49 -40.94	56.82 1.60 -38.59	54.63 1.52 -37.44	52.74 1.42 -36.23	47.90 1.57 -30.57	48.64 1.64 -31.21	59.49 2.02 -38.00	69.74 3.06 -37.77	64.56 3.00 -32.48	64.07 2.63 -35.92	59.61 2.13 -37.41	58.78 1.57 -41.53	52.56 1.37 -37.62	47.94 0.97 -36.03
MODEL_CITY_ENERGY 24167	13.00 0.02 -4.62	11.54 0.07 -4.41	10.88 0.04 -4.20	10.76 0.05 -4.09	11.97 0.06 -3.77	12.85 0.08 -3.75	15.00 -0.08 -4.01	16.66 -0.09 -4.33	18.93 -0.26 -4.16	20.00 -0.39 -4.21	20.01 -0.28 -4.48	20.37 -0.48 -4.22	19.31 -0.45 -4.10	18.70 -0.35 -3.96	18.68 -0.41 -3.34	18.83 -0.36 -3.41	23.00 -0.62 -4.16	32.01 -1.04 -4.13	31.53 -1.11 -3.55	28.43 -1.02 -3.93	24.00 -0.60 -4.53	19.93 -0.30 -4.55	17.29 -0.41 -4.12	14.67 -0.22 -3.95
MODERN_LFGE___ 323580	13.00 0.02 -4.62	11.54 0.07 -4.41	10.88 0.04 -4.20	10.76 0.05 -4.09	11.97 0.06 -3.77	12.85 0.08 -3.75	15.00 -0.08 -4.01	16.66 -0.09 -4.33	18.93 -0.26 -4.16	20.00 -0.39 -4.21	20.01 -0.28 -4.48	20.37 -0.48 -4.22	19.31 -0.45 -4.10	18.70 -0.35 -3.96	18.68 -0.41 -3.34	18.83 -0.36 -3.41	23.00 -0.62 -4.16	32.01 -1.04 -4.13	31.53 -1.11 -3.55	28.43 -1.02 -3.93	24.00 -0.60 -4.53	19.93 -0.30 -4.55	17.29 -0.41 -4.12	14.67 -0.22 -3.95
MOHAWK_PAPER___DRP 24187	80.82 0.53 -71.93	76.36 0.44 -68.86	72.59 0.42 -65.53	70.96 0.42 -63.94	67.53 0.51 -58.88	68.16 0.57 -58.57	74.36 0.72 -62.57	80.84 0.81 -67.62	81.16 1.16 -64.98	83.21 1.23 -65.81	86.98 1.20 -69.96	83.85 1.26 -65.95	80.83 1.18 -63.99	78.18 1.16 -61.93	69.17 1.17 -52.25	70.26 1.14 -53.35	85.88 1.44 -64.97	95.63 2.14 -64.58	86.77 2.15 -55.53	88.83 1.89 -61.42	85.16 1.51 -63.58	87.92 1.22 -71.01	78.94 1.05 -64.32	73.27 0.72 -61.60
MONGAUP___HYD 23641	46.89 0.88 -37.64	43.70 0.74 -35.90	41.50 0.69 -34.17	40.65 0.70 -33.34	39.67 0.83 -30.70	40.49 0.93 -30.54	44.88 1.19 -32.62	48.98 1.32 -35.26	50.63 1.71 -33.89	52.31 1.81 -34.33	54.10 1.79 -36.49	52.94 1.91 -34.40	50.77 1.72 -33.38	49.02 1.63 -32.30	44.75 1.75 -27.25	45.45 1.85 -27.83	55.84 2.49 -33.87	66.40 3.82 -33.67	61.64 3.61 -28.95	60.71 3.16 -32.02	55.97 2.49 -33.41	54.53 1.82 -37.02	48.67 1.56 -33.54	44.18 1.12 -32.12
MONTAUK___DIESEL 23721	52.55 1.62 -42.56	48.93 1.34 -40.53	46.41 1.19 -38.58	45.42 1.17 -37.64	44.25 1.46 -34.66	45.16 1.67 -34.48	51.11 2.26 -37.79	54.79 2.57 -39.80	56.52 3.23 -38.27	60.12 3.53 -40.42	60.38 3.34 -41.22	59.00 3.51 -38.86	56.65 3.28 -37.70	54.51 2.96 -36.47	50.21 3.32 -31.14	58.05 3.52 -38.75	68.67 4.58 -44.62	88.96 6.91 -53.14	82.58 6.86 -46.64	71.93 6.00 -40.41	70.01 4.80 -45.14	67.25 3.59 -47.98	58.13 3.14 -41.42	49.48 2.25 -36.28
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.65 0.73 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.48 0.68 -34.66	44.26 0.77 -34.47	48.89 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.27	56.58 1.65 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.00 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.94 3.17 -32.69	64.46 2.78 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.24 1.04 -36.26
MUNSVILLE_WIND_PWR 323609	18.27 0.80 -9.10	16.43 0.69 -8.69	15.57 0.66 -8.27	15.34 0.66 -8.06	16.36 0.80 -7.43	17.31 0.90 -7.39	20.07 1.11 -7.89	22.28 1.34 -8.53	24.87 1.65 -8.19	26.19 1.71 -8.30	26.22 1.58 -8.82	26.59 1.65 -8.31	25.29 1.55 -8.07	24.23 1.34 -7.81	23.77 1.43 -6.59	23.94 1.44 -6.73	29.71 2.04 -8.19	40.46 3.41 -8.14	39.69 3.61 -7.00	36.31 3.04 -7.75	30.88 2.35 -8.46	26.24 1.60 -8.95	22.86 1.17 -8.11	19.68 0.96 -7.77
N SALMON___HYD 24042	6.66 -0.37 1.34	5.49 -0.30 1.27	5.16 -0.27 1.21	5.16 -0.27 1.18	6.71 -0.34 1.09	7.49 -0.44 1.08	9.23 -0.69 1.16	10.28 -0.88 1.25	12.59 -1.13 1.31	13.72 -1.13 1.33	13.32 -1.09 1.41	14.32 -0.98 1.33	13.50 -0.88 1.29	13.05 -0.79 1.25	13.88 -0.82 1.05	13.74 -0.96 1.07	17.03 -1.13 1.31	25.67 -1.94 1.30	26.25 -1.72 1.12	22.91 -1.38 1.24	17.86 -1.14 1.07	13.39 -0.86 1.43	11.65 -0.73 1.19	9.35 -0.45 1.14
N.E_GEN_SANDY PD 24062	69.07 0.70 -60.00	64.93 0.59 -57.28	61.71 0.56 -54.51	60.35 0.56 -53.18	57.80 0.68 -48.98	58.50 0.76 -48.72	64.04 0.92 -52.05	69.66 1.00 -56.25	70.52 1.44 -54.06	72.48 1.55 -54.75	75.54 1.52 -58.21	73.08 1.58 -54.87	70.39 1.49 -53.24	68.01 1.40 -51.52	60.75 1.53 -43.47	61.74 1.58 -44.38	76.58 1.99 -55.12	91.46 2.98 -59.57	89.24 2.94 -57.22	79.19 2.58 -51.09	75.10 2.05 -52.98	76.32 1.57 -59.07	68.38 1.30 -53.50	63.15 0.96 -51.24
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.69 0.69 -40.63	46.35 0.56 -38.73	44.04 0.54 -36.85	43.10 0.54 -35.96	41.91 0.66 -33.11	42.69 0.73 -32.94	47.20 0.94 -35.19	51.51 1.07 -38.03	52.96 1.38 -36.56	54.72 1.52 -37.03	56.66 1.47 -39.37	55.32 1.58 -37.11	53.16 1.49 -36.01	51.33 1.40 -34.85	46.69 1.54 -29.40	47.41 1.61 -30.02	58.01 2.01 -36.54	68.27 3.03 -36.32	63.25 2.94 -31.23	62.67 2.60 -34.54	58.18 2.11 -36.00	57.17 1.55 -39.94	51.09 1.34 -36.17	46.55 0.96 -34.64

NARROWS_GT1_1 24228	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT1_2 24229	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT1_3 24230	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT1_4 24231	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT1_5 24232	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT1_6 24233	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT1_7 24234	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT1_8 24235	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT2_1 24236	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT2_2 24237	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT2_3 24238	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT2_4 24239	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT2_5 24240	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT2_6 24241	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26
NARROWS_GT2_7 24242	51.68	48.19	45.80	44.80	43.48	44.26	48.88	53.34	54.76	56.56	58.60	57.18	55.01	53.11	48.27	49.01	59.89	70.19	64.94	64.46	59.99	59.19	52.99	48.28
	0.75	0.61	0.58	0.56	0.69	0.77	0.98	1.13	1.47	1.63	1.58	1.71	1.66	1.55	1.75	1.81	2.18	3.27	3.17	2.78	2.27	1.71	1.56	1.08
	-42.56	-40.53	-38.57	-37.63	-34.65	-34.47	-36.83	-39.80	-38.26	-38.75	-41.20	-38.84	-37.68	-36.47	-30.77	-31.41	-38.24	-38.01	-32.68	-36.15	-37.65	-41.80	-37.86	-36.26



NARROWS_GT2_8 24243	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	60.65 0.69 -51.59	57.52 0.61 -49.86	54.66 0.56 -47.45	53.48 0.57 -46.30	51.45 0.68 -42.63	52.19 0.77 -42.41	57.34 0.96 -45.31	62.44 1.07 -48.96	63.32 1.50 -46.80	65.15 1.59 -47.39	67.79 1.58 -50.39	65.79 1.66 -47.50	63.21 1.46 -46.08	61.09 1.40 -44.60	54.84 1.46 -37.63	55.75 1.55 -38.42	68.63 2.12 -47.04	78.97 3.29 -46.76	72.37 3.08 -40.21	72.70 2.70 -44.47	68.35 2.09 -46.19	68.65 1.55 -51.42	61.49 1.34 -46.57	56.45 0.91 -44.60
NEG CAPITAL___MECHNVIL 23645	84.12 0.72 -75.04	79.46 0.61 -71.79	75.53 0.57 -68.32	73.83 0.57 -66.66	70.22 0.70 -61.38	70.84 0.77 -61.06	77.26 0.95 -65.23	84.00 1.09 -70.49	84.26 1.50 -67.74	86.35 1.57 -68.61	90.29 1.53 -72.94	86.97 1.58 -68.76	83.85 1.47 -66.71	81.12 1.48 -64.56	71.73 1.51 -54.47	72.92 1.53 -55.61	89.19 1.99 -67.73	99.16 2.92 -67.33	89.97 3.00 -57.89	92.13 2.58 -64.03	88.38 2.05 -66.25	91.23 1.52 -74.03	81.96 1.33 -67.05	76.10 0.94 -64.22
NEG CENTRAL_HIGH_ACRES 23767	11.82 -0.08 -3.53	10.36 -0.06 -3.37	9.77 -0.07 -3.20	9.67 -0.07 -3.12	10.93 -0.08 -2.88	11.83 -0.05 -2.86	14.04 -0.09 -3.06	15.59 -0.12 -3.30	17.95 -0.24 -3.17	19.13 -0.26 -3.21	19.00 -0.24 -3.42	19.52 -0.33 -3.22	18.51 -0.28 -3.12	17.87 -0.24 -3.02	18.03 -0.27 -2.55	18.15 -0.24 -2.61	22.31 -0.33 -3.17	31.63 -0.43 -3.15	31.39 -0.41 -2.71	28.09 -0.43 -3.00	23.38 -0.26 -3.57	18.98 -0.17 -3.47	16.45 -0.27 -3.14	13.76 -0.20 -3.01
NEG CENTRAL___DRP 24199	13.37 0.26 -4.74	11.79 0.20 -4.53	11.14 0.19 -4.31	11.00 0.19 -4.20	12.25 0.24 -3.87	13.18 0.31 -3.85	15.60 0.42 -4.11	17.33 0.47 -4.44	19.76 0.47 -4.27	20.97 0.47 -4.32	20.89 0.47 -4.60	21.41 0.45 -4.33	20.25 0.38 -4.20	19.56 0.41 -4.07	19.57 0.39 -3.43	19.73 0.44 -3.50	24.32 0.58 -4.27	34.14 0.98 -4.24	33.75 1.02 -3.65	30.38 0.82 -4.04	25.41 0.70 -4.63	20.87 0.52 -4.67	18.12 0.31 -4.23	15.28 0.28 -4.05
NEG CENTRAL___INDECK 23768	14.20 0.40 -5.43	12.58 0.34 -5.19	11.88 0.30 -4.94	11.73 0.30 -4.82	12.95 0.38 -4.43	13.91 0.48 -4.41	16.37 0.59 -4.71	18.13 0.62 -5.09	20.50 0.59 -4.89	21.71 0.58 -4.95	21.70 0.62 -5.27	22.11 0.52 -4.96	20.99 0.50 -4.82	20.27 0.53 -4.66	20.22 0.54 -3.93	20.38 0.58 -4.02	25.04 0.68 -4.89	34.90 1.13 -4.86	34.40 1.13 -4.18	31.07 0.92 -4.62	26.14 0.82 -5.24	21.70 0.67 -5.35	18.84 0.42 -4.84	15.97 0.38 -4.64
NEG CENTRAL___SENECA 23627	13.47 0.27 -4.84	11.89 0.22 -4.62	11.23 0.19 -4.39	11.10 0.20 -4.29	12.35 0.26 -3.95	13.27 0.32 -3.93	15.71 0.44 -4.20	17.43 0.48 -4.53	19.84 0.47 -4.35	21.05 0.47 -4.41	20.98 0.47 -4.69	21.48 0.43 -4.42	20.33 0.38 -4.29	19.64 0.41 -4.15	19.64 0.39 -3.50	19.80 0.44 -3.57	24.39 0.56 -4.35	34.22 0.98 -4.33	33.82 1.02 -3.72	30.46 0.82 -4.12	25.49 0.70 -4.72	20.96 0.52 -4.76	18.20 0.31 -4.31	15.36 0.28 -4.13
NEG CENTRAL___STATE_STREET 24147	12.68 0.39 -3.93	11.11 0.30 -3.75	10.49 0.27 -3.57	10.37 0.28 -3.48	11.70 0.36 -3.21	12.65 0.44 -3.19	15.04 0.56 -3.41	16.74 0.65 -3.68	19.27 0.71 -3.54	20.52 0.76 -3.58	20.37 0.74 -3.81	20.97 0.75 -3.59	19.82 0.67 -3.48	19.14 0.68 -3.37	19.27 0.68 -2.84	19.39 0.71 -2.90	23.92 0.92 -3.54	33.93 1.50 -3.52	33.65 1.54 -3.02	30.17 1.30 -3.34	25.05 1.06 -3.92	20.32 0.77 -3.87	17.62 0.54 -3.50	14.74 0.44 -3.36
NEG MILLWOOD___DRP 24198	54.01 0.85 -44.79	50.98 0.73 -43.19	48.44 0.70 -41.10	47.40 0.69 -40.10	45.90 0.83 -36.93	46.67 0.92 -36.73	51.50 1.19 -39.24	56.15 1.33 -42.41	57.55 1.73 -40.81	59.39 1.89 -41.33	61.61 1.85 -43.94	60.02 1.98 -41.42	57.69 1.83 -40.19	55.69 1.72 -38.89	50.42 1.86 -32.81	51.21 1.92 -33.50	62.73 2.51 -40.75	73.26 3.85 -40.51	67.64 3.72 -34.83	67.31 3.27 -38.52	62.74 2.59 -40.08	62.13 1.91 -44.54	55.57 1.66 -40.34	50.78 1.20 -38.63
NEG NORTH_FLCN_SEA 23793	6.66 -0.20 1.50	5.47 -0.16 1.43	5.14 -0.14 1.36	5.15 -0.13 1.33	6.74 -0.17 1.22	7.59 -0.21 1.22	9.48 -0.29 1.30	10.62 -0.38 1.41	13.00 -0.54 1.48	14.16 -0.52 1.50	13.74 -0.49 1.59	14.66 -0.47 1.50	13.76 -0.45 1.46	13.24 -0.44 1.41	14.10 -0.46 1.19	14.06 -0.51 1.21	17.42 -0.57 1.48	26.49 -0.95 1.47	27.09 -0.73 1.26	23.59 -0.54 1.40	18.31 -0.46 1.30	13.67 -0.39 1.62	11.93 -0.31 1.34	9.49 -0.18 1.28
NEG NORTH_KES_CHATEGAY 23792	6.61 -0.30 1.46	5.43 -0.24 1.39	5.10 -0.23 1.32	5.10 -0.22 1.29	6.67 -0.28 1.19	7.50 -0.33 1.18	9.35 -0.45 1.26	10.46 -0.58 1.36	12.81 -0.78 1.43	13.93 -0.79 1.45	13.53 -0.74 1.54	14.44 -0.73 1.45	13.58 -0.67 1.41	13.09 -0.63 1.37	13.92 -0.68 1.15	13.86 -0.74 1.18	17.16 -0.88 1.43	26.07 -1.42 1.43	26.66 -1.19 1.23	23.22 -0.94 1.36	18.03 -0.80 1.24	13.49 -0.63 1.57	11.78 -0.50 1.30	9.37 -0.33 1.24
NEG NORTH___ALICE_FALLS 23915	6.65 -0.23 1.50	5.45 -0.18 1.42	5.13 -0.16 1.36	5.14 -0.15 1.32	6.72 -0.20 1.22	7.56 -0.24 1.21	9.44 -0.33 1.29	10.58 -0.43 1.40	12.95 -0.60 1.47	14.10 -0.58 1.49	13.71 -0.52 1.58	14.62 -0.52 1.49	13.72 -0.50 1.45	13.20 -0.48 1.40	14.06 -0.50 1.18	14.02 -0.55 1.21	17.37 -0.62 1.47	26.41 -1.04 1.46	27.01 -0.81 1.26	23.55 -0.59 1.39	18.30 -0.48 1.29	13.65 -0.42 1.61	11.89 -0.35 1.33	9.46 -0.21 1.27
NEG NORTH___LWR_SARANAC 23913	6.65 -0.23 1.50	5.45 -0.18 1.42	5.13 -0.16 1.36	5.14 -0.15 1.32	6.72 -0.20 1.22	7.56 -0.24 1.21	9.44 -0.33 1.29	10.58 -0.43 1.40	12.95 -0.60 1.47	14.10 -0.58 1.49	13.71 -0.52 1.58	14.62 -0.52 1.49	13.72 -0.50 1.45	13.20 -0.48 1.40	14.06 -0.50 1.18	14.02 -0.55 1.21	17.37 -0.62 1.47	26.41 -1.04 1.46	27.01 -0.81 1.26	23.55 -0.59 1.39	18.30 -0.48 1.29	13.65 -0.42 1.61	11.89 -0.35 1.33	9.46 -0.21 1.27
NEG NORTH___PLATTSBURG 23628	6.65 -0.23 1.50	5.45 -0.18 1.42	5.13 -0.16 1.36	5.14 -0.15 1.32	6.72 -0.20 1.22	7.56 -0.24 1.21	9.44 -0.33 1.29	10.58 -0.43 1.40	12.95 -0.60 1.47	14.10 -0.58 1.49	13.71 -0.52 1.58	14.62 -0.52 1.49	13.72 -0.50 1.45	13.20 -0.48 1.40	14.06 -0.50 1.18	14.02 -0.55 1.21	17.37 -0.62 1.47	26.41 -1.04 1.46	27.01 -0.81 1.26	23.55 -0.59 1.39	18.30 -0.48 1.29	13.65 -0.42 1.61	11.89 -0.35 1.33	9.46 -0.21 1.27
NEG WEST_LEA_LOCKPORT 23791	13.05 0.09 -4.59	11.57 0.13 -4.39	10.91 0.09 -4.17	10.79 0.11 -4.07	12.02 0.14 -3.75	12.91 0.16 -3.73	15.11 0.06 -3.98	16.79 0.07 -4.31	19.10 -0.06 -4.14	20.19 -0.18 -4.19	20.19 -0.08 -4.45	20.56 -0.27 -4.20	19.49 -0.25 -4.07	18.88 -0.15 -3.94	18.87 -0.21 -3.33	19.02 -0.16 -3.40	23.26 -0.35 -4.14	32.41 -0.61 -4.11	31.92 -0.70 -3.53	28.77 -0.66 -3.91	24.26 -0.32 -4.51	20.11 -0.09 -4.52	17.44 -0.23 -4.10	14.77 -0.10 -3.92

NEG WEST___LANCASTR 23811	13.69 0.30 -5.02	12.14 0.29 -4.79	11.44 0.24 -4.56	11.31 0.25 -4.45	12.55 0.32 -4.10	13.47 0.38 -4.08	15.82 0.40 -4.36	17.64 0.52 -4.71	20.04 0.49 -4.52	21.17 0.42 -4.58	21.21 0.52 -4.87	21.58 0.37 -4.59	20.42 0.30 -4.45	19.78 0.39 -4.31	19.73 0.35 -3.63	19.90 0.41 -3.71	24.38 0.39 -4.52	33.93 0.52 -4.49	33.38 0.44 -3.86	30.13 0.33 -4.27	25.39 0.44 -4.88	21.08 0.46 -4.94	18.27 0.22 -4.48	15.44 0.21 -4.29
NEG_PENN_ALLEGHNY 23528	19.29 0.27 -10.65	17.45 0.23 -10.17	16.52 0.21 -9.67	16.25 0.21 -9.44	17.09 0.26 -8.69	17.97 0.31 -8.65	20.74 0.43 -9.24	22.85 0.46 -9.98	25.11 0.49 -9.59	26.39 0.50 -9.71	26.63 0.49 -10.32	26.86 0.50 -9.73	25.55 0.44 -9.44	24.66 0.44 -9.14	23.90 0.44 -7.71	24.13 0.47 -7.87	29.64 0.58 -9.59	39.34 0.90 -9.53	38.21 0.93 -8.20	35.38 0.79 -9.07	30.59 0.70 -9.82	26.67 0.50 -10.48	23.44 0.37 -9.50	20.35 0.32 -9.09
NEG___GEN_MONROE 24207	12.30 0.20 -3.73	10.80 0.18 -3.56	10.18 0.15 -3.39	10.08 0.16 -3.31	11.38 0.19 -3.05	12.31 0.26 -3.03	14.59 0.28 -3.24	16.12 0.21 -3.50	18.49 0.11 -3.36	19.66 0.08 -3.40	19.58 0.14 -3.62	20.07 0.03 -3.41	19.04 0.06 -3.31	18.39 0.11 -3.20	18.56 0.11 -2.70	18.68 0.14 -2.76	22.95 0.12 -3.36	32.48 0.23 -3.34	32.16 0.21 -2.87	28.78 0.08 -3.18	24.00 0.18 -3.75	19.58 0.22 -3.67	16.96 0.05 -3.33	14.24 0.11 -3.19
NEPA___ENERGY 23901	15.50 0.07 -7.06	13.87 0.08 -6.74	13.12 0.06 -6.41	12.93 0.07 -6.26	13.99 0.09 -5.76	14.86 0.11 -5.73	17.44 0.24 -6.12	19.20 0.17 -6.62	21.36 -0.02 -6.36	22.48 -0.13 -6.44	22.58 -0.08 -6.84	22.90 -0.18 -6.45	21.71 -0.22 -6.26	21.01 -0.14 -6.06	20.67 -0.19 -5.11	20.86 -0.14 -5.22	25.59 -0.23 -6.36	34.91 -0.32 -6.32	34.17 -0.35 -5.43	31.20 -0.33 -6.01	26.64 -0.10 -6.67	22.57 -0.06 -6.95	19.69 -0.18 -6.30	16.95 -0.02 -6.03
NEVERSINK___HYD 23608	44.91 0.71 -35.84	42.18 0.60 -34.52	40.07 0.57 -32.86	39.24 0.57 -32.06	38.34 0.68 -29.52	39.14 0.76 -29.37	43.42 0.97 -31.37	47.41 1.09 -33.90	47.76 1.44 -31.29	49.41 1.54 -31.69	51.02 1.50 -33.70	49.99 1.60 -31.76	47.93 1.44 -30.82	46.24 1.33 -29.83	42.36 1.45 -25.17	43.00 1.53 -25.69	54.07 2.02 -32.57	64.42 3.12 -32.38	59.92 3.00 -27.84	58.95 2.63 -30.79	54.31 2.09 -32.15	52.81 1.52 -35.60	47.13 1.30 -32.25	42.77 0.94 -30.88
NEWTON___FALLS_HYD 23847	7.89 -0.48 0.00	6.67 -0.39 0.00	6.29 -0.36 0.00	6.25 -0.36 0.00	7.67 -0.46 0.00	8.41 -0.60 0.00	10.00 -1.07 0.00	11.06 -1.35 0.00	13.41 -1.61 0.00	14.48 -1.70 0.00	14.11 -1.71 0.00	15.20 -1.43 0.00	14.52 -1.14 0.00	14.07 -1.01 0.00	14.72 -1.02 0.00	14.47 -1.31 0.00	17.91 -1.56 0.00	26.31 -2.60 0.00	26.61 -2.47 0.00	23.30 -2.22 0.00	18.61 -1.87 -0.40	14.40 -1.29 0.00	12.45 -1.13 0.00	10.21 -0.73 0.00
NIAGARA_115E_LBMP 323715	12.99 -0.03 -4.65	11.53 0.04 -4.44	10.88 0.01 -4.23	10.75 0.02 -4.12	11.97 0.03 -3.80	12.82 0.03 -3.78	14.95 -0.16 -4.03	16.61 -0.16 -4.36	18.85 -0.36 -4.19	19.91 -0.50 -4.24	19.93 -0.39 -4.51	20.28 -0.60 -4.25	19.23 -0.56 -4.12	18.64 -0.44 -3.99	18.60 -0.52 -3.37	18.76 -0.46 -3.44	22.90 -0.76 -4.19	31.80 -1.27 -4.16	31.33 -1.34 -3.58	28.28 -1.20 -3.96	23.87 -0.76 -4.56	19.87 -0.39 -4.58	17.23 -0.49 -4.15	14.63 -0.28 -3.97
NIAGARA_115W_LBMP 323714	13.04 -0.02 -4.69	11.58 0.04 -4.48	10.92 0.01 -4.26	10.80 0.03 -4.16	12.00 0.03 -3.83	12.86 0.04 -3.81	15.03 -0.11 -4.07	16.71 -0.10 -4.40	18.96 -0.29 -4.22	20.05 -0.40 -4.28	20.05 -0.32 -4.55	20.40 -0.52 -4.29	19.34 -0.49 -4.16	18.73 -0.38 -4.03	18.70 -0.44 -3.40	18.85 -0.39 -3.47	23.05 -0.64 -4.22	32.01 -1.10 -4.20	31.53 -1.16 -3.61	28.47 -1.05 -3.99	24.02 -0.64 -4.59	19.97 -0.33 -4.62	17.34 -0.42 -4.18	14.70 -0.25 -4.01
NIAGARA_230_LBMP 323716	12.99 -0.03 -4.65	11.52 0.03 -4.44	10.87 0.01 -4.22	10.75 0.02 -4.12	11.95 0.02 -3.79	12.82 0.03 -3.77	15.03 -0.08 -4.03	16.69 -0.07 -4.36	18.95 -0.26 -4.18	20.04 -0.37 -4.24	20.04 -0.28 -4.50	20.41 -0.47 -4.25	19.33 -0.45 -4.12	18.74 -0.33 -3.99	18.72 -0.39 -3.36	18.87 -0.35 -3.43	23.07 -0.58 -4.18	32.12 -0.95 -4.16	31.64 -1.02 -3.58	28.56 -0.92 -3.96	24.08 -0.54 -4.55	19.97 -0.28 -4.57	17.34 -0.38 -4.14	14.68 -0.23 -3.97
NIAGARA____ 23760	13.00 -0.03 -4.66	11.54 0.04 -4.45	10.88 0.01 -4.23	10.76 0.02 -4.13	11.96 0.02 -3.80	12.84 0.04 -3.78	15.00 -0.11 -4.04	16.67 -0.11 -4.37	18.91 -0.30 -4.19	20.00 -0.42 -4.25	20.00 -0.33 -4.51	20.37 -0.52 -4.26	19.29 -0.50 -4.13	18.70 -0.38 -4.00	18.68 -0.44 -3.37	18.83 -0.39 -3.44	23.00 -0.66 -4.19	31.98 -1.10 -4.17	31.50 -1.16 -3.58	28.44 -1.05 -3.96	23.99 -0.64 -4.56	19.94 -0.33 -4.58	17.29 -0.43 -4.15	14.67 -0.25 -3.98
NINE_MILE_1 23575	9.91 -0.10 -1.64	8.54 -0.08 -1.57	8.05 -0.09 -1.49	7.99 -0.08 -1.45	9.38 -0.10 -1.34	10.25 -0.10 -1.33	12.37 -0.12 -1.42	13.80 -0.15 -1.54	16.30 -0.20 -1.48	17.46 -0.21 -1.49	17.20 -0.21 -1.59	17.89 -0.23 -1.50	16.89 -0.23 -1.45	16.28 -0.21 -1.41	16.71 -0.22 -1.19	16.77 -0.22 -1.21	20.63 -0.31 -1.48	29.91 -0.46 -1.47	29.91 -0.44 -1.26	26.51 -0.41 -1.40	21.68 -0.28 -1.89	17.08 -0.22 -1.61	14.82 -0.22 -1.46	12.17 -0.18 -1.40
NINE_MILE_2 23744	9.90 -0.10 -1.63	8.53 -0.08 -1.55	8.04 -0.09 -1.48	7.97 -0.08 -1.44	9.37 -0.10 -1.33	10.24 -0.10 -1.32	12.36 -0.12 -1.41	13.79 -0.15 -1.53	16.29 -0.20 -1.46	17.45 -0.21 -1.48	17.19 -0.21 -1.58	17.88 -0.23 -1.49	16.89 -0.22 -1.44	16.27 -0.21 -1.40	16.71 -0.22 -1.18	16.76 -0.22 -1.20	20.62 -0.31 -1.46	29.93 -0.43 -1.46	29.90 -0.44 -1.25	26.50 -0.41 -1.38	21.67 -0.28 -1.87	17.06 -0.22 -1.60	14.81 -0.22 -1.45	12.16 -0.18 -1.39
NM_CAPITAL___DRP 24208	79.98 0.48 -71.14	75.58 0.40 -68.12	71.85 0.38 -64.82	70.23 0.38 -63.25	66.84 0.46 -58.24	67.48 0.52 -57.94	73.62 0.65 -61.90	80.03 0.73 -66.89	80.37 1.07 -64.28	82.41 1.13 -65.10	86.14 1.11 -69.21	83.02 1.15 -65.24	80.05 1.08 -63.30	77.40 1.06 -61.26	68.49 1.06 -51.69	69.58 1.03 -52.77	85.02 1.28 -64.27	94.71 1.91 -63.89	85.97 1.95 -54.93	87.99 1.71 -60.76	84.34 1.37 -62.90	87.06 1.13 -70.24	78.17 0.96 -63.63	72.54 0.66 -60.94
NM_CENTRAL___DRP 24181	10.39 0.08 -1.95	8.97 0.06 -1.86	8.46 0.05 -1.77	8.38 0.05 -1.73	9.79 0.06 -1.59	10.68 0.08 -1.58	12.87 0.11 -1.69	14.35 0.11 -1.83	16.85 0.08 -1.75	18.01 0.06 -1.77	17.78 0.08 -1.89	18.47 0.07 -1.78	17.44 0.05 -1.73	16.82 0.06 -1.67	17.20 0.05 -1.41	17.28 0.06 -1.44	21.28 0.06 -1.75	30.77 0.12 -1.74	30.73 0.15 -1.50	27.28 0.10 -1.66	22.36 0.10 -2.19	17.66 0.06 -1.91	15.35 0.04 -1.74	12.66 0.05 -1.66
NM_FRONTIER___DRP 24179	13.04 -0.02 -4.69	11.58 0.04 -4.48	10.92 0.01 -4.26	10.80 0.03 -4.16	12.00 0.03 -3.83	12.86 0.04 -3.81	15.03 -0.11 -4.07	16.71 -0.10 -4.40	18.96 -0.29 -4.22	20.05 -0.40 -4.28	20.05 -0.32 -4.55	20.40 -0.52 -4.29	19.34 -0.49 -4.16	18.73 -0.38 -4.03	18.70 -0.44 -3.40	18.85 -0.39 -3.47	23.05 -0.64 -4.22	32.01 -1.10 -4.20	31.53 -1.16 -3.61	28.47 -1.05 -3.99	24.02 -0.64 -4.59	19.97 -0.33 -4.62	17.34 -0.42 -4.18	14.70 -0.25 -4.01

NM_ST_REGIS___HYD 24053	7.77 -0.59 0.00	6.58 -0.48 0.00	6.20 -0.45 0.00	6.16 -0.45 0.00	7.57 -0.57 0.00	8.25 -0.77 0.00	9.71 -1.36 0.00	10.64 -1.78 0.00	12.90 -2.12 0.00	13.94 -2.23 0.00	13.60 -2.21 0.00	14.78 -1.85 0.00	14.15 -1.52 0.00	13.80 -1.28 0.00	14.44 -1.31 0.00	14.08 -1.70 0.00	17.43 -2.04 0.00	25.35 -3.56 0.00	25.71 -3.37 0.00	22.59 -2.93 0.00	17.96 -2.43 -0.32	14.00 -1.68 0.00	12.15 -1.43 0.00	10.07 -0.88 0.00
NORTHPORT___1 23551	51.93 1.00 -42.56	48.40 0.81 -40.53	45.94 0.72 -38.58	44.95 0.71 -37.64	43.68 0.89 -34.66	44.53 1.04 -34.48	50.22 1.38 -37.77	53.78 1.56 -39.80	55.29 2.00 -38.27	58.75 2.15 -40.42	59.08 2.04 -41.22	57.65 2.16 -38.86	55.42 2.05 -37.70	53.43 1.87 -36.47	49.02 2.14 -31.13	56.74 2.21 -38.75	66.72 2.63 -44.62	85.93 3.88 -53.14	79.53 3.81 -46.64	69.30 3.37 -40.41	67.92 2.71 -45.14	65.71 2.05 -47.98	56.91 1.91 -41.42	48.61 1.39 -36.28
NORTHPORT___2 23552	51.93 1.00 -42.56	48.40 0.81 -40.53	45.94 0.72 -38.58	44.95 0.71 -37.64	43.68 0.89 -34.66	44.53 1.04 -34.48	50.22 1.38 -37.77	53.78 1.56 -39.80	55.29 2.00 -38.27	58.75 2.15 -40.42	59.08 2.04 -41.22	57.65 2.16 -38.86	55.42 2.05 -37.70	53.43 1.87 -36.47	49.02 2.14 -31.13	56.74 2.21 -38.75	66.72 2.63 -44.62	85.93 3.88 -53.14	79.53 3.81 -46.64	69.30 3.37 -40.41	67.92 2.71 -45.14	65.71 2.05 -47.98	56.91 1.91 -41.42	48.61 1.39 -36.28
NORTHPORT___3 23553	51.93 1.00 -42.56	48.40 0.82 -40.53	45.94 0.72 -38.58	44.95 0.71 -37.64	43.68 0.88 -34.66	44.51 1.02 -34.48	50.19 1.35 -37.76	53.74 1.53 -39.80	55.26 1.97 -38.27	58.71 2.12 -40.42	59.05 2.01 -41.22	57.63 2.15 -38.86	55.42 2.05 -37.70	53.43 1.87 -36.47	48.98 2.11 -31.12	56.71 2.18 -38.75	66.80 2.71 -44.62	86.10 4.05 -53.14	79.71 3.98 -46.64	69.43 3.50 -40.41	68.04 2.83 -45.14	65.78 2.12 -47.98	56.87 1.87 -41.42	48.60 1.38 -36.28
NORTHPORT___4 23650	51.93 1.00 -42.56	48.40 0.82 -40.53	45.94 0.72 -38.58	44.95 0.71 -37.64	43.68 0.88 -34.66	44.51 1.02 -34.48	50.19 1.35 -37.76	53.74 1.53 -39.80	55.26 1.97 -38.27	58.71 2.12 -40.42	59.05 2.01 -41.22	57.63 2.15 -38.86	55.42 2.05 -37.70	53.43 1.87 -36.47	48.98 2.11 -31.12	56.71 2.18 -38.75	66.80 2.71 -44.62	86.10 4.05 -53.14	79.71 3.98 -46.64	69.43 3.50 -40.41	68.04 2.83 -45.14	65.78 2.12 -47.98	56.87 1.87 -41.42	48.60 1.38 -36.28
NORTHPORT___IC 23718	51.93 1.00 -42.56	48.40 0.81 -40.53	45.94 0.72 -38.58	44.95 0.71 -37.64	43.68 0.89 -34.66	44.53 1.04 -34.48	50.22 1.38 -37.77	53.78 1.56 -39.80	55.29 2.00 -38.27	58.75 2.15 -40.42	59.08 2.04 -41.22	57.65 2.16 -38.86	55.42 2.05 -37.70	53.43 1.87 -36.47	49.02 2.14 -31.13	56.74 2.21 -38.75	66.72 2.63 -44.62	85.93 3.88 -53.14	79.53 3.81 -46.64	69.30 3.37 -40.41	67.92 2.71 -45.14	65.71 2.05 -47.98	56.91 1.91 -41.42	48.61 1.39 -36.28
NPX_GEN_1385_PROXY 323591	52.07 1.15 -42.56	48.51 0.92 -40.53	46.09 0.87 -38.58	45.12 0.87 -37.64	43.93 1.13 -34.66	48.00 1.32 -37.66	51.51 1.73 -38.71	60.00 1.95 -45.64	55.71 2.42 -38.27	59.90 2.64 -41.09	62.70 2.52 -44.37	58.89 2.63 -39.64	55.83 2.46 -37.70	53.82 2.26 -36.47	51.00 2.61 -32.64	57.65 2.68 -39.19	75.00 3.21 -52.32	86.71 4.66 -53.14	80.37 4.65 -46.64	70.07 4.13 -40.41	68.44 3.23 -45.14	66.12 2.46 -47.98	57.22 2.23 -41.42	48.84 1.62 -36.28
NPX_GEN_CSC 323557	52.08 1.16 -42.56	48.53 0.95 -40.53	46.05 0.83 -38.58	45.06 0.81 -37.64	43.81 1.02 -34.66	44.65 1.15 -34.48	50.43 1.57 -37.78	53.99 1.77 -39.80	55.54 2.25 -38.27	59.04 2.44 -40.42	59.33 2.29 -41.22	57.92 2.43 -38.86	55.66 2.29 -37.70	53.62 2.07 -36.47	49.27 2.38 -31.14	57.01 2.48 -38.75	67.19 3.10 -44.62	86.62 4.57 -53.14	80.23 4.51 -46.64	69.92 3.98 -40.41	68.42 3.21 -45.14	66.07 2.41 -47.98	57.19 2.20 -41.42	48.80 1.58 -36.28
NSINS_S_GLNS_FALLS 23858	83.36 0.77 -74.23	78.71 0.66 -70.99	74.82 0.62 -67.56	73.14 0.61 -65.92	69.60 0.76 -60.70	70.21 0.80 -60.38	76.56 0.97 -64.51	83.23 1.10 -69.71	83.53 1.52 -66.99	85.61 1.59 -67.85	89.50 1.55 -72.13	86.21 1.58 -68.00	83.11 1.47 -65.97	80.41 1.48 -63.85	71.18 1.56 -53.87	72.39 1.61 -55.00	88.57 2.12 -66.98	98.56 3.06 -66.58	89.45 3.11 -57.25	91.50 2.65 -63.32	87.69 2.09 -65.53	90.41 1.52 -73.21	81.25 1.36 -66.31	75.44 0.99 -63.51
NUCOR_STEEL___DRP 24197	12.41 0.39 -3.66	10.85 0.30 -3.49	10.24 0.27 -3.32	10.13 0.28 -3.24	11.49 0.37 -2.99	12.43 0.44 -2.97	14.80 0.55 -3.17	16.47 0.63 -3.43	19.01 0.69 -3.29	20.24 0.73 -3.33	20.08 0.71 -3.55	20.70 0.73 -3.34	19.57 0.66 -3.24	18.89 0.66 -3.14	19.04 0.65 -2.65	19.16 0.68 -2.70	23.64 0.88 -3.29	33.60 1.42 -3.27	33.35 1.45 -2.81	29.89 1.25 -3.11	24.78 1.02 -3.68	20.03 0.75 -3.60	17.37 0.53 -3.26	14.51 0.44 -3.12
NYISO_LBMP_REFERENCE 24008	8.37 0.00 0.00	7.06 0.00 0.00	6.64 0.00 0.00	6.61 0.00 0.00	8.14 0.00 0.00	9.02 0.00 0.00	11.07 0.00 0.00	12.41 0.00 0.00	15.02 0.00 0.00	16.17 0.00 0.00	15.82 0.00 0.00	16.63 0.00 0.00	15.67 0.00 0.00	15.09 0.00 0.00	15.75 0.00 0.00	15.78 0.00 0.00	19.47 0.00 0.00	28.91 0.00 0.00	29.08 0.00 0.00	25.52 0.00 0.00	20.07 0.00 0.00	15.68 0.00 0.00	13.58 0.00 0.00	10.94 0.00 0.00
NYPA_BRENTWD___GT 24164	52.03 1.10 -42.56	48.48 0.90 -40.53	46.00 0.78 -38.58	45.02 0.77 -37.64	43.76 0.97 -34.66	44.62 1.13 -34.48	50.38 1.51 -37.81	53.92 1.70 -39.80	55.47 2.18 -38.27	58.94 2.34 -40.42	59.27 2.23 -41.22	57.85 2.36 -38.86	55.61 2.24 -37.70	53.59 2.04 -36.47	49.24 2.33 -31.16	56.95 2.41 -38.75	67.05 2.96 -44.62	86.45 4.39 -53.14	80.06 4.33 -46.64	69.76 3.83 -40.41	68.28 3.07 -45.14	65.98 2.32 -47.98	57.11 2.12 -41.42	48.75 1.53 -36.28
NYPA_GOWANUS___GT5 24156	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
NYPA_GOWANUS___GT6 24157	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26
NYPA_HARLEM__RVR__GT1 24160	51.61 0.69 -42.56	48.13 0.54 -40.53	45.73 0.52 -38.57	44.74 0.50 -37.62	43.39 0.61 -34.65	44.17 0.69 -34.46	48.78 0.89 -36.82	53.23 1.03 -39.79	54.63 1.35 -38.26	56.42 1.50 -38.74	58.45 1.44 -41.19	57.02 1.56 -38.83	54.88 1.54 -37.67	52.98 1.43 -36.46	48.12 1.61 -30.76	48.86 1.67 -31.41	59.67 1.97 -38.23	69.87 2.95 -38.00	64.61 2.85 -32.68	64.17 2.50 -36.14	59.78 2.07 -37.64	58.99 1.52 -41.79	52.84 1.41 -37.86	48.17 0.97 -36.26

NYPA_HARLEM__RVR__GT2 24161	51.61 0.69 -42.56	48.13 0.54 -40.53	45.73 0.52 -38.57	44.74 0.50 -37.62	43.39 0.61 -34.65	44.17 0.69 -34.46	48.78 0.89 -36.82	53.23 1.03 -39.79	54.63 1.35 -38.26	56.42 1.50 -38.74	58.45 1.44 -41.19	57.02 1.56 -38.83	54.88 1.54 -37.67	52.98 1.43 -36.46	48.12 1.61 -30.76	48.86 1.67 -31.41	59.67 1.97 -38.23	69.87 2.95 -38.00	64.61 2.85 -32.68	64.17 2.50 -36.14	59.78 2.07 -37.64	58.99 1.52 -41.79	52.84 1.41 -37.86	48.17 0.97 -36.26
NYPA_KENT____GT 24152	51.67 0.74 -42.56	48.18 0.60 -40.53	45.79 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.58 1.57 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.87 2.16 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.17 1.69 -41.80	52.97 1.53 -37.86	48.27 1.07 -36.26
NYPA_POUCH1____GT 24155	51.66 0.74 -42.56	48.18 0.59 -40.53	45.78 0.56 -38.57	44.78 0.54 -37.63	43.46 0.67 -34.65	44.23 0.74 -34.47	48.84 0.94 -36.83	53.29 1.08 -39.80	54.68 1.40 -38.26	56.50 1.57 -38.75	58.54 1.52 -41.20	57.11 1.65 -38.84	54.95 1.60 -37.68	53.05 1.49 -36.47	48.20 1.69 -30.77	48.95 1.75 -31.41	59.81 2.10 -38.24	74.58 3.15 -42.52	66.89 3.05 -34.75	66.25 2.70 -38.03	59.93 2.21 -37.65	59.16 1.68 -41.80	52.97 1.53 -37.86	48.26 1.06 -36.26
NYPA_VERNON____GT2 24162	51.66 0.74 -42.56	48.18 0.60 -40.53	45.79 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.27 0.78 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.58 1.57 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.85 2.14 -38.24	70.13 3.21 -38.01	64.88 3.11 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.94 1.51 -37.86	48.26 1.06 -36.26
NYPA_VERNON____GT3 24163	51.66 0.74 -42.56	48.18 0.60 -40.53	45.79 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.27 0.78 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.58 1.57 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.85 2.14 -38.24	70.13 3.21 -38.01	64.88 3.11 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.94 1.51 -37.86	48.26 1.06 -36.26
NYPA__ASTORIA_CC1 323568	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
NYPA__ASTORIA_CC2 323569	51.66 0.74 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.57 1.55 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
NYPA__HOLTSVILL 23794	52.00 1.08 -42.56	48.47 0.88 -40.53	45.99 0.77 -38.58	45.01 0.76 -37.64	43.75 0.95 -34.66	44.60 1.11 -34.48	50.36 1.51 -37.78	53.90 1.69 -39.80	55.44 2.15 -38.27	58.94 2.34 -40.42	59.24 2.20 -41.22	57.82 2.33 -38.86	55.58 2.21 -37.70	53.55 1.99 -36.47	49.17 2.28 -31.14	56.92 2.38 -38.75	67.03 2.94 -44.62	86.39 4.34 -53.14	80.00 4.28 -46.64	69.71 3.78 -40.41	68.26 3.05 -45.14	65.95 2.29 -47.98	57.10 2.10 -41.42	48.73 1.51 -36.28
NYPA____HELLGATE_GT1 24158	51.61 0.69 -42.56	48.13 0.54 -40.53	45.73 0.52 -38.57	44.74 0.50 -37.62	43.39 0.61 -34.65	44.17 0.69 -34.46	48.78 0.89 -36.82	53.23 1.03 -39.79	54.63 1.35 -38.26	56.42 1.50 -38.74	58.45 1.44 -41.19	57.02 1.56 -38.83	54.88 1.54 -37.67	52.98 1.43 -36.46	48.12 1.61 -30.76	48.86 1.67 -31.41	59.67 1.97 -38.23	69.87 2.95 -38.00	64.61 2.85 -32.68	64.17 2.50 -36.14	59.78 2.07 -37.64	58.99 1.52 -41.79	52.84 1.41 -37.86	48.17 0.97 -36.26
NYPA____HELLGATE_GT2 24159	51.61 0.69 -42.56	48.13 0.54 -40.53	45.73 0.52 -38.57	44.74 0.50 -37.62	43.39 0.61 -34.65	44.17 0.69 -34.46	48.78 0.89 -36.82	53.23 1.03 -39.79	54.63 1.35 -38.26	56.42 1.50 -38.74	58.45 1.44 -41.19	57.02 1.56 -38.83	54.88 1.54 -37.67	52.98 1.43 -36.46	48.12 1.61 -30.76	48.86 1.67 -31.41	59.67 1.97 -38.23	69.87 2.95 -38.00	64.61 2.85 -32.68	64.17 2.50 -36.14	59.78 2.07 -37.64	58.99 1.52 -41.79	52.84 1.41 -37.86	48.17 0.97 -36.26
NYS_BARGE__HYD 23848	13.02 0.10 -4.55	11.54 0.14 -4.34	10.88 0.10 -4.13	10.76 0.11 -4.03	12.00 0.15 -3.71	12.88 0.17 -3.70	15.07 0.06 -3.95	16.75 0.07 -4.27	19.06 -0.06 -4.10	20.15 -0.18 -4.15	20.15 -0.08 -4.41	20.52 -0.27 -4.16	19.45 -0.25 -4.03	18.84 -0.15 -3.90	18.84 -0.21 -3.29	18.99 -0.16 -3.36	23.22 -0.35 -4.10	32.35 -0.64 -4.07	31.89 -0.70 -3.50	28.73 -0.66 -3.87	24.22 -0.32 -4.47	20.07 -0.09 -4.48	17.40 -0.23 -4.06	14.73 -0.10 -3.89
O.H_GEN_BRUCE 24063	13.69 -0.01 -5.33	12.18 0.04 -5.09	11.50 0.01 -4.84	11.35 0.02 -4.72	12.52 0.03 -4.35	13.38 0.04 -4.33	15.69 0.00 -4.62	17.39 -0.01 -4.99	19.62 -0.20 -4.80	20.72 -0.31 -4.86	20.75 -0.24 -5.16	21.11 -0.38 -4.87	20.00 -0.39 -4.72	19.37 -0.29 -4.57	19.26 -0.35 -3.86	19.42 -0.30 -3.94	23.78 -0.49 -4.80	32.90 -0.78 -4.77	32.37 -0.81 -4.10	29.29 -0.77 -4.53	24.80 -0.42 -5.15	20.71 -0.22 -5.24	18.00 -0.33 -4.75	15.32 -0.18 -4.55
OAK_ORCHARD__HYD 24046	12.19 0.13 -3.69	10.69 0.11 -3.52	10.08 0.09 -3.35	9.97 0.09 -3.27	11.26 0.11 -3.01	12.18 0.16 -3.00	14.42 0.14 -3.20	15.98 0.11 -3.46	18.36 0.02 -3.32	19.54 0.00 -3.37	19.43 0.03 -3.58	19.93 -0.07 -3.37	18.92 -0.02 -3.27	18.27 0.02 -3.17	18.44 0.02 -2.67	18.56 0.05 -2.73	22.77 -0.02 -3.32	32.24 0.03 -3.30	31.95 0.03 -2.84	28.61 -0.05 -3.14	23.87 0.08 -3.71	19.44 0.12 -3.63	16.85 -0.01 -3.29	14.13 0.03 -3.15
OCC_CHEM__DRP 24175	13.06 0.00 -4.70	11.60 0.06 -4.48	10.94 0.03 -4.27	10.81 0.04 -4.16	12.02 0.05 -3.83	12.90 0.06 -3.81	15.07 -0.08 -4.07	16.75 -0.06 -4.40	19.01 -0.24 -4.23	20.10 -0.36 -4.28	20.10 -0.27 -4.55	20.47 -0.45 -4.29	19.39 -0.44 -4.16	18.80 -0.32 -4.03	18.76 -0.39 -3.40	18.92 -0.33 -3.47	23.11 -0.58 -4.23	32.13 -0.98 -4.20	31.65 -1.05 -3.61	28.55 -0.97 -4.00	24.09 -0.58 -4.60	20.02 -0.28 -4.62	17.38 -0.38 -4.19	14.74 -0.22 -4.01
OLIN_CORP_DRP 24177	13.05 -0.01 -4.69	11.59 0.06 -4.48	10.93 0.03 -4.26	10.81 0.04 -4.16	12.02 0.05 -3.83	12.88 0.05 -3.81	15.03 -0.11 -4.07	16.70 -0.11 -4.40	18.96 -0.29 -4.22	20.03 -0.42 -4.28	20.05 -0.32 -4.55	20.40 -0.52 -4.29	19.32 -0.50 -4.16	18.73 -0.38 -4.02	18.70 -0.44 -3.40	18.85 -0.39 -3.47	23.03 -0.66 -4.22	32.01 -1.10 -4.20	31.50 -1.19 -3.61	28.45 -1.07 -3.99	24.00 -0.66 -4.59	19.97 -0.33 -4.62	17.32 -0.43 -4.18	14.71 -0.24 -4.01

OLIN_CORP_DSASP 323712	13.06 0.00 -4.70	11.60 0.06 -4.48	10.94 0.03 -4.27	10.81 0.04 -4.16	12.02 0.05 -3.83	12.90 0.06 -3.81	15.07 -0.08 -4.07	16.75 -0.06 -4.40	19.01 -0.24 -4.23	20.10 -0.36 -4.28	20.10 -0.27 -4.55	20.47 -0.45 -4.29	19.39 -0.44 -4.16	18.80 -0.32 -4.03	18.76 -0.39 -3.40	18.92 -0.33 -3.47	23.11 -0.58 -4.23	32.13 -0.98 -4.20	31.65 -1.05 -3.61	28.55 -0.97 -4.00	24.09 -0.58 -4.60	20.02 -0.28 -4.62	17.38 -0.38 -4.19	14.74 -0.22 -4.01
ONEIDA_HERK_LFGE 323681	6.60 0.08 1.85	5.37 0.08 1.76	5.04 0.07 1.68	5.05 0.07 1.64	6.71 0.08 1.51	7.60 0.08 1.50	9.50 0.03 1.60	10.72 0.04 1.73	13.44 0.09 1.68	14.58 0.10 1.70	14.06 0.05 1.80	15.05 0.12 1.70	14.17 0.16 1.65	13.61 0.12 1.60	14.54 0.14 1.35	14.48 0.08 1.38	17.99 0.19 1.68	27.59 0.35 1.67	28.06 0.41 1.43	24.25 0.31 1.58	19.17 0.20 1.11	13.99 0.14 1.83	11.97 0.04 1.64	9.43 0.07 1.58
ONONDAGA_REF_OCCRA 23987	11.06 0.10 -2.59	9.60 0.08 -2.47	9.07 0.07 -2.35	8.98 0.07 -2.29	10.34 0.09 -2.11	11.24 0.12 -2.10	13.47 0.15 -2.25	15.01 0.17 -2.43	17.50 0.15 -2.33	18.69 0.16 -2.36	18.50 0.17 -2.51	19.16 0.17 -2.36	18.10 0.14 -2.29	17.44 0.14 -2.22	17.76 0.14 -1.87	17.85 0.16 -1.91	21.99 0.19 -2.33	31.54 0.32 -2.31	31.42 0.35 -1.99	28.01 0.28 -2.20	23.06 0.24 -2.74	18.40 0.17 -2.55	15.99 0.11 -2.31	13.25 0.10 -2.21
ONONDAGA___COGEN 23986	11.03 0.09 -2.57	9.58 0.07 -2.45	9.04 0.07 -2.33	8.95 0.07 -2.27	10.31 0.08 -2.09	11.21 0.11 -2.08	13.44 0.14 -2.23	14.98 0.16 -2.41	17.48 0.15 -2.31	18.67 0.16 -2.34	18.46 0.16 -2.49	19.12 0.15 -2.34	18.07 0.12 -2.27	17.42 0.14 -2.20	17.73 0.13 -1.86	17.83 0.16 -1.90	21.95 0.17 -2.31	31.49 0.29 -2.29	31.35 0.29 -1.97	27.96 0.26 -2.18	23.01 0.22 -2.72	18.36 0.16 -2.52	15.96 0.10 -2.29	13.21 0.08 -2.19
ONTARIO___LFGE 23819	13.47 0.27 -4.84	11.89 0.22 -4.62	11.23 0.19 -4.39	11.10 0.20 -4.29	12.35 0.26 -3.95	13.27 0.32 -3.93	15.71 0.44 -4.20	17.43 0.48 -4.53	19.84 0.47 -4.35	21.05 0.47 -4.41	20.98 0.47 -4.69	21.48 0.43 -4.42	20.33 0.38 -4.29	19.64 0.41 -4.15	19.64 0.39 -3.50	19.80 0.44 -3.57	24.39 0.56 -4.35	34.22 0.98 -4.33	33.82 1.02 -3.72	30.46 0.82 -4.12	25.49 0.70 -4.72	20.96 0.52 -4.76	18.20 0.31 -4.31	15.36 0.28 -4.13
ORANGEVILLE_WT_PWR 323706	14.35 0.23 -5.75	12.77 0.23 -5.49	12.06 0.19 -5.22	11.91 0.21 -5.09	13.08 0.25 -4.69	13.99 0.31 -4.67	16.40 0.34 -4.99	18.21 0.41 -5.39	20.53 0.33 -5.17	21.67 0.26 -5.24	21.71 0.32 -5.57	22.06 0.18 -5.25	20.89 0.12 -5.10	20.23 0.21 -4.93	20.08 0.17 -4.16	20.27 0.24 -4.25	24.84 0.19 -5.17	34.31 0.26 -5.14	33.74 0.23 -4.42	30.57 0.15 -4.89	25.87 0.28 -5.52	21.64 0.30 -5.66	18.81 0.11 -5.12	15.99 0.14 -4.91
OSWEGATCHIE___HYD 24044	7.89 -0.48 0.00	6.67 -0.39 0.00	6.29 -0.36 0.00	6.25 -0.36 0.00	7.67 -0.46 0.00	8.41 -0.60 0.00	10.00 -1.07 0.00	11.06 -1.35 0.00	13.41 -1.61 0.00	14.48 -1.70 0.00	14.11 -1.71 0.00	15.20 -1.43 0.00	14.52 -1.14 0.00	14.07 -1.01 0.00	14.72 -1.02 0.00	14.47 -1.31 0.00	17.91 -1.56 0.00	26.31 -2.60 0.00	26.61 -2.47 0.00	23.30 -2.22 0.00	18.61 -1.87 -0.40	14.40 -1.29 0.00	12.45 -1.13 0.00	10.21 -0.73 0.00
OSWEGO___5 23606	10.27 -0.04 -1.94	8.87 -0.04 -1.85	8.37 -0.04 -1.76	8.29 -0.04 -1.72	9.67 -0.05 -1.58	10.55 -0.04 -1.58	12.70 -0.06 -1.68	14.17 -0.06 -1.82	16.68 -0.09 -1.75	17.83 -0.11 -1.77	17.59 -0.11 -1.88	18.27 -0.13 -1.77	17.26 -0.13 -1.72	16.63 -0.12 -1.66	17.03 -0.13 -1.40	17.10 -0.11 -1.43	21.04 -0.18 -1.75	30.41 -0.23 -1.74	30.34 -0.23 -1.49	26.94 -0.23 -1.65	22.07 -0.14 -2.13	17.48 -0.11 -1.91	15.17 -0.14 -1.73	12.50 -0.10 -1.66
OSWEGO___6 23613	10.27 -0.04 -1.94	8.87 -0.04 -1.85	8.37 -0.04 -1.76	8.29 -0.04 -1.72	9.67 -0.05 -1.58	10.55 -0.04 -1.58	12.70 -0.06 -1.68	14.17 -0.06 -1.82	16.68 -0.09 -1.75	17.83 -0.11 -1.77	17.59 -0.11 -1.88	18.27 -0.13 -1.77	17.26 -0.13 -1.72	16.63 -0.12 -1.66	17.03 -0.13 -1.40	17.10 -0.11 -1.43	21.04 -0.18 -1.75	30.41 -0.23 -1.74	30.34 -0.23 -1.49	26.94 -0.23 -1.65	22.07 -0.14 -2.13	17.48 -0.11 -1.91	15.17 -0.14 -1.73	12.50 -0.10 -1.66
OUTOKUMPU-AB___DRP 24206	13.33 0.20 -4.76	11.82 0.22 -4.54	11.14 0.17 -4.32	11.01 0.18 -4.22	12.26 0.24 -3.88	13.15 0.27 -3.86	15.42 0.22 -4.13	17.16 0.29 -4.46	19.52 0.21 -4.28	20.63 0.11 -4.34	20.65 0.22 -4.61	21.03 0.05 -4.35	19.90 0.02 -4.22	19.29 0.12 -4.08	19.26 0.06 -3.45	19.42 0.13 -3.52	23.75 0.00 -4.28	33.06 -0.12 -4.26	32.54 -0.20 -3.66	29.37 -0.21 -4.05	24.74 0.02 -4.65	20.54 0.17 -4.68	17.79 -0.03 -4.24	15.05 0.04 -4.06
OXBOW___ 24026	13.22 0.12 -4.73	11.73 0.16 -4.52	11.05 0.11 -4.30	10.93 0.13 -4.19	12.16 0.16 -3.86	13.05 0.19 -3.84	15.27 0.10 -4.10	17.00 0.15 -4.43	19.31 0.03 -4.26	20.42 -0.06 -4.31	20.44 0.03 -4.58	20.80 -0.15 -4.32	19.70 -0.16 -4.19	19.10 -0.05 -4.06	19.06 -0.11 -3.42	19.21 -0.06 -3.50	23.49 -0.23 -4.26	32.68 -0.46 -4.23	32.20 -0.52 -3.64	29.04 -0.51 -4.03	24.48 -0.22 -4.62	20.34 0.00 -4.65	17.63 -0.16 -4.22	14.93 -0.05 -4.04
OXY_CHEM_DSASP 323612	13.06 0.00 -4.70	11.60 0.06 -4.48	10.94 0.03 -4.27	10.81 0.04 -4.16	12.02 0.05 -3.83	12.90 0.06 -3.81	15.07 -0.08 -4.07	16.75 -0.06 -4.40	19.01 -0.24 -4.23	20.10 -0.36 -4.28	20.10 -0.27 -4.55	20.47 -0.45 -4.29	19.39 -0.44 -4.16	18.80 -0.32 -4.03	18.76 -0.39 -3.40	18.92 -0.33 -3.47	23.11 -0.58 -4.23	32.13 -0.98 -4.20	31.65 -1.05 -3.61	28.55 -0.97 -4.00	24.09 -0.58 -4.60	20.02 -0.28 -4.62	17.38 -0.38 -4.19	14.74 -0.22 -4.01
PACKARD_I115_KV_ADAMS_187_REV_LBMP_A 345013	13.06 0.00 -4.70	11.60 0.06 -4.48	10.94 0.03 -4.27	10.81 0.04 -4.16	12.02 0.05 -3.83	12.90 0.06 -3.81	15.07 -0.08 -4.07	16.75 -0.06 -4.40	19.01 -0.24 -4.23	20.10 -0.36 -4.28	20.10 -0.27 -4.55	20.47 -0.45 -4.29	19.39 -0.44 -4.16	18.80 -0.32 -4.03	18.76 -0.39 -3.40	18.92 -0.33 -3.47	23.11 -0.58 -4.23	32.13 -0.98 -4.20	31.65 -1.05 -3.61	28.55 -0.97 -4.00	24.09 -0.58 -4.60	20.02 -0.28 -4.62	17.38 -0.38 -4.19	14.74 -0.22 -4.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.63 0.70 -42.56	48.15 0.56 -40.53	45.75 0.54 -38.57	44.76 0.52 -37.62	43.43 0.64 -34.65	44.19 0.71 -34.46	48.81 0.92 -36.82	53.26 1.05 -39.79	54.67 1.40 -38.26	56.46 1.54 -38.74	58.48 1.47 -41.19	57.05 1.60 -38.83	54.91 1.57 -37.67	53.01 1.46 -36.46	48.16 1.65 -30.76	48.91 1.72 -31.41	59.71 2.01 -38.23	69.92 3.01 -38.00	64.70 2.94 -32.68	64.24 2.58 -36.14	59.84 2.13 -37.64	59.04 1.57 -41.79	52.87 1.44 -37.86	48.21 1.01 -36.26
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.66 0.74 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.78 0.54 -37.62	43.45 0.67 -34.65	44.23 0.75 -34.46	48.85 0.96 -36.82	53.31 1.10 -39.79	54.73 1.46 -38.26	56.54 1.62 -38.74	58.56 1.55 -41.19	57.16 1.70 -38.83	55.00 1.66 -37.67	53.08 1.54 -36.46	48.24 1.73 -30.76	48.98 1.80 -31.41	59.82 2.12 -38.23	70.12 3.21 -38.00	64.87 3.11 -32.68	64.40 2.73 -36.14	59.94 2.23 -37.64	59.10 1.63 -41.79	52.94 1.51 -37.86	48.25 1.05 -36.26

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.67 0.30 -5.00	12.12 0.29 -4.77	11.42 0.24 -4.54	11.29 0.25 -4.43	12.53 0.32 -4.08	13.45 0.37 -4.06	15.80 0.40 -4.33	17.61 0.51 -4.68	20.00 0.48 -4.50	21.14 0.40 -4.56	21.17 0.51 -4.84	21.54 0.35 -4.57	20.38 0.28 -4.43	19.76 0.39 -4.29	19.70 0.33 -3.62	19.87 0.39 -3.69	24.34 0.37 -4.50	33.87 0.49 -4.47	33.34 0.41 -3.85	30.08 0.31 -4.25	25.35 0.42 -4.86	21.05 0.46 -4.92	18.25 0.22 -4.46	15.42 0.21 -4.27
PAWLING_115_KV_BK3_REV_LBMP_H 345028	54.01 0.85 -44.79	50.98 0.73 -43.19	48.44 0.70 -41.10	47.40 0.69 -40.10	45.90 0.83 -36.93	46.67 0.92 -36.73	51.50 1.19 -39.24	56.15 1.33 -42.41	57.55 1.73 -40.81	59.39 1.89 -41.33	61.61 1.85 -43.94	60.02 1.98 -41.42	57.69 1.83 -40.19	55.69 1.72 -38.89	50.42 1.86 -32.81	51.21 1.92 -33.50	62.73 2.51 -40.75	73.26 3.85 -40.51	67.64 3.72 -34.83	67.31 3.27 -38.52	62.74 2.59 -40.08	62.13 1.91 -44.54	55.57 1.66 -40.34	50.78 1.20 -38.63
PEEKSKILL____ 23653	51.09 0.68 -42.04	47.66 0.56 -40.04	45.28 0.53 -38.11	44.31 0.52 -37.18	43.02 0.64 -34.24	43.79 0.71 -34.06	48.39 0.93 -36.39	52.78 1.04 -39.32	54.19 1.37 -37.81	55.97 1.50 -38.29	57.98 1.45 -40.71	56.58 1.58 -38.37	54.39 1.49 -37.23	52.50 1.39 -36.03	47.69 1.54 -30.40	48.43 1.61 -31.04	59.24 1.99 -37.78	69.48 3.01 -37.56	64.31 2.94 -32.29	63.82 2.58 -35.72	59.36 2.09 -37.20	58.52 1.54 -41.30	52.32 1.34 -37.40	47.72 0.95 -35.82
PGE MADISON____WINDPWR 24146	18.27 0.80 -9.10	16.43 0.69 -8.69	15.57 0.66 -8.27	15.34 0.66 -8.06	16.36 0.80 -7.43	17.31 0.90 -7.39	20.07 1.11 -7.89	22.28 1.34 -8.53	24.87 1.65 -8.19	26.19 1.71 -8.30	26.22 1.58 -8.82	26.59 1.65 -8.31	25.29 1.55 -8.07	24.23 1.34 -7.81	23.77 1.43 -6.59	23.94 1.44 -6.73	29.71 2.04 -8.19	40.46 3.41 -8.14	39.69 3.61 -7.00	36.31 3.04 -7.75	30.88 2.35 -8.46	26.24 1.60 -8.95	22.86 1.17 -8.11	19.68 0.96 -7.77
PIERCEFIELD____HYD 23852	7.73 -0.64 0.00	6.54 -0.51 0.00	6.17 -0.48 0.00	6.12 -0.49 0.00	7.52 -0.62 0.00	8.18 -0.84 0.00	9.54 -1.53 0.00	10.41 -2.00 0.00	12.65 -2.37 0.00	13.67 -2.51 0.00	13.32 -2.50 0.00	14.57 -2.06 0.00	14.01 -1.66 0.00	13.70 -1.39 0.00	14.35 -1.40 0.00	13.90 -1.88 0.00	17.21 -2.26 0.00	24.95 -3.96 0.00	25.30 -3.78 0.00	22.18 -3.34 0.00	17.64 -2.77 -0.34	13.80 -1.88 0.00	11.97 -1.60 0.00	9.96 -0.98 0.00
PINELAWN_CC_1 323563	51.97 1.04 -42.56	48.43 0.84 -40.54	45.96 0.74 -38.58	44.97 0.73 -37.64	43.70 0.90 -34.66	44.55 1.05 -34.48	50.41 1.39 -37.95	53.79 1.58 -39.80	55.30 2.01 -38.27	58.76 2.17 -40.42	59.11 2.07 -41.22	57.70 2.21 -38.86	55.46 2.08 -37.71	53.46 1.90 -36.47	49.19 2.16 -31.28	56.77 2.24 -38.75	66.66 2.57 -44.62	85.87 3.82 -53.14	79.48 3.75 -46.64	69.23 3.29 -40.41	67.88 2.67 -45.14	65.67 2.01 -47.98	56.93 1.94 -41.42	48.64 1.41 -36.28
PJM_GEN_HTP_PROXY 323702	51.64 0.73 -42.55	48.17 0.59 -40.52	45.78 0.57 -38.56	44.79 0.56 -37.62	43.47 0.68 -34.65	44.25 0.77 -34.47	48.89 1.00 -36.82	53.34 1.14 -39.79	54.78 1.50 -38.26	56.57 1.65 -38.75	58.61 1.60 -41.19	57.19 1.73 -38.83	54.99 1.64 -37.67	53.09 1.54 -36.46	48.23 1.72 -30.76	48.96 1.77 -31.41	59.86 2.16 -38.23	70.18 3.27 -38.01	64.93 3.17 -32.68	64.47 2.81 -36.14	59.98 2.27 -37.64	59.15 1.68 -41.79	52.89 1.47 -37.85	48.23 1.04 -36.25
PJM_GEN_KEystone 24065	31.05 0.31 -22.37	28.65 0.27 -21.33	27.19 0.25 -20.30	26.66 0.25 -19.80	26.69 0.32 -18.24	27.51 0.35 -18.14	30.96 0.51 -19.38	33.89 0.53 -20.94	35.71 0.56 -20.13	37.11 0.55 -20.39	38.05 0.55 -21.68	37.61 0.55 -20.43	35.99 0.50 -19.83	34.77 0.50 -19.19	32.47 0.54 -16.19	32.89 0.58 -16.53	40.29 0.70 -20.12	49.98 1.07 -20.00	47.30 1.02 -17.20	45.44 0.89 -19.02	40.94 0.82 -20.04	38.27 0.60 -21.99	33.96 0.46 -19.92	30.40 0.38 -19.08
PJM_GEN_NEPTUNE_PROXY 323594	51.83 0.90 -42.55	48.31 0.73 -40.53	45.86 0.64 -38.58	44.88 0.63 -37.64	43.58 0.78 -34.66	44.41 0.91 -34.48	49.68 1.21 -37.40	53.58 1.37 -39.80	55.05 1.76 -38.27	58.49 1.89 -40.42	58.84 1.80 -41.22	57.42 1.93 -38.86	55.22 1.85 -37.70	53.25 1.69 -36.47	48.72 1.90 -31.06	56.49 1.96 -38.75	66.51 2.41 -44.62	85.67 3.61 -53.14	79.27 3.55 -46.64	69.05 3.11 -40.41	67.72 2.51 -45.14	65.52 1.87 -47.98	56.66 1.67 -41.41	48.45 1.23 -36.28
PJM_GEN_VFT_PROXY 323633	51.57 0.65 -42.54	48.10 0.52 -40.52	45.71 0.50 -38.56	44.72 0.49 -37.62	43.38 0.60 -34.64	44.17 0.69 -34.47	48.79 0.90 -36.83	53.24 1.03 -39.80	54.66 1.38 -38.26	56.46 1.54 -38.75	58.47 1.45 -41.20	57.06 1.60 -38.84	54.88 1.54 -37.68	52.97 1.42 -36.46	48.12 1.61 -30.77	48.85 1.66 -31.41	59.69 1.99 -38.24	60.23 3.03 -28.29	60.23 2.94 -28.21	60.20 2.58 -32.10	59.82 2.11 -37.64	59.01 1.54 -41.79	52.80 1.37 -37.85	48.14 0.94 -36.25
PLEASANTVLY____LBMP 24000	54.23 0.68 -45.19	50.58 0.56 -42.96	48.06 0.53 -40.89	47.02 0.52 -39.89	45.52 0.64 -36.74	46.28 0.72 -36.54	51.03 0.92 -39.04	55.62 1.02 -42.19	56.95 1.37 -40.56	58.76 1.50 -41.08	60.94 1.45 -43.67	59.36 1.56 -41.17	57.08 1.47 -39.94	55.11 1.37 -38.66	49.89 1.53 -32.62	50.66 1.58 -33.30	61.97 1.97 -40.54	72.16 2.95 -40.30	66.64 2.91 -34.65	66.40 2.55 -38.32	62.02 2.07 -39.88	61.51 1.52 -44.31	55.02 1.32 -40.13	50.32 0.94 -38.43
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.74 0.71 -43.66	49.22 0.59 -41.58	46.77 0.55 -39.57	45.77 0.55 -38.61	44.36 0.67 -35.55	45.12 0.74 -35.37	49.81 0.95 -37.78	54.30 1.05 -40.83	55.69 1.41 -39.26	57.49 1.55 -39.76	59.59 1.50 -42.27	58.09 1.61 -39.85	55.86 1.54 -38.66	53.93 1.43 -37.41	48.89 1.57 -31.57	49.65 1.64 -32.23	60.74 2.04 -39.23	71.01 3.09 -39.00	65.64 3.02 -33.53	65.27 2.65 -37.09	60.83 2.15 -38.61	60.15 1.58 -42.88	53.78 1.37 -38.84	49.13 0.99 -37.20
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	57.11 0.76 -47.98	54.82 0.70 -47.06	52.09 0.66 -44.79	50.97 0.66 -43.70	49.17 0.79 -40.24	49.93 0.88 -40.03	54.97 1.13 -42.76	59.89 1.27 -46.21	61.18 1.68 -44.48	63.03 1.81 -45.05	65.50 1.79 -47.89	63.67 1.89 -45.14	61.19 1.72 -43.80	59.10 1.63 -42.39	53.26 1.75 -35.77	54.12 1.83 -36.51	66.31 2.43 -44.40	76.78 3.73 -44.14	70.61 3.58 -37.95	70.64 3.14 -41.98	66.17 2.47 -43.63	66.03 1.82 -48.53	59.10 1.56 -43.96	54.15 1.10 -42.10
POLETTI____ 23519	51.62 0.70 -42.55	48.15 0.57 -40.53	45.76 0.55 -38.57	44.77 0.54 -37.63	43.45 0.66 -34.65	44.23 0.74 -34.47	48.86 0.96 -36.83	53.30 1.09 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.57 1.55 -41.20	57.14 1.68 -38.84	54.96 1.61 -37.68	53.04 1.49 -36.46	48.20 1.69 -30.77	48.94 1.75 -31.41	59.81 2.10 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.40 2.73 -36.15	59.93 2.21 -37.64	59.11 1.63 -41.79	52.87 1.44 -37.85	48.22 1.02 -36.25
PORT_JEFF_3 23555	52.02 1.10 -42.56	48.48 0.90 -40.53	46.00 0.78 -38.58	45.01 0.77 -37.64	43.76 0.96 -34.66	44.62 1.13 -34.48	50.38 1.53 -37.78	53.93 1.71 -39.80	55.47 2.18 -38.27	58.97 2.38 -40.42	59.27 2.23 -41.22	57.87 2.38 -38.86	55.61 2.24 -37.70	53.58 2.02 -36.47	49.22 2.33 -31.14	56.95 2.41 -38.75	67.07 2.98 -44.62	86.36 4.31 -53.14	79.94 4.22 -46.64	69.71 3.78 -40.41	68.26 3.05 -45.14	65.98 2.32 -47.98	57.14 2.14 -41.42	48.77 1.54 -36.28

PORT_JEFF_4 23616	52.02 1.10 -42.56	48.48 0.90 -40.53	46.00 0.78 -38.58	45.01 0.77 -37.64	43.76 0.96 -34.66	44.62 1.13 -34.48	50.38 1.53 -37.78	53.93 1.71 -39.80	55.47 2.18 -38.27	58.97 2.38 -40.42	59.27 2.23 -41.22	57.87 2.38 -38.86	55.61 2.24 -37.70	53.58 2.02 -36.47	49.22 2.33 -31.14	56.95 2.41 -38.75	67.07 2.98 -44.62	86.36 4.31 -53.14	79.94 4.22 -46.64	69.71 3.78 -40.41	68.26 3.05 -45.14	65.98 2.32 -47.98	57.14 2.14 -41.42	48.77 1.54 -36.28
PORT_JEFF_IC 23713	52.05 1.13 -42.56	48.50 0.92 -40.53	46.02 0.80 -38.58	45.04 0.79 -37.64	43.79 0.99 -34.66	44.65 1.15 -34.48	50.42 1.56 -37.79	53.97 1.75 -39.80	55.53 2.24 -38.27	59.02 2.43 -40.42	59.33 2.29 -41.22	57.92 2.43 -38.86	55.68 2.30 -37.70	53.64 2.08 -36.47	49.27 2.38 -31.14	57.01 2.48 -38.75	67.15 3.06 -44.62	86.50 4.45 -53.14	80.11 4.39 -46.64	69.84 3.91 -40.41	68.36 3.15 -45.14	66.06 2.40 -47.98	57.18 2.19 -41.42	48.80 1.58 -36.28
PPL_PILGRIM_ST_GT1 24216	52.03 1.10 -42.56	48.48 0.90 -40.53	46.00 0.78 -38.58	45.02 0.77 -37.64	43.76 0.97 -34.66	44.62 1.13 -34.48	50.38 1.51 -37.81	53.92 1.70 -39.80	55.47 2.18 -38.27	58.94 2.34 -40.42	59.27 2.23 -41.22	57.85 2.36 -38.86	55.61 2.24 -37.70	53.59 2.04 -36.47	49.24 2.33 -31.16	56.95 2.41 -38.75	67.05 2.96 -44.62	86.45 4.39 -53.14	80.06 4.33 -46.64	69.76 3.83 -40.41	68.28 3.07 -45.14	65.98 2.32 -47.98	57.11 2.12 -41.42	48.75 1.53 -36.28
PPL_PILGRIM_ST_GT2 24217	52.03 1.10 -42.56	48.48 0.90 -40.53	46.00 0.78 -38.58	45.02 0.77 -37.64	43.76 0.97 -34.66	44.62 1.13 -34.48	50.38 1.51 -37.81	53.92 1.70 -39.80	55.47 2.18 -38.27	58.94 2.34 -40.42	59.27 2.23 -41.22	57.85 2.36 -38.86	55.61 2.24 -37.70	53.59 2.04 -36.47	49.24 2.33 -31.16	56.95 2.41 -38.75	67.05 2.96 -44.62	86.45 4.39 -53.14	80.06 4.33 -46.64	69.76 3.83 -40.41	68.28 3.07 -45.14	65.98 2.32 -47.98	57.11 2.12 -41.42	48.75 1.53 -36.28
PPL_SHRM_GT3 24213	52.09 1.16 -42.56	48.53 0.95 -40.53	46.05 0.83 -38.58	45.06 0.81 -37.64	43.81 1.02 -34.66	44.67 1.17 -34.48	50.45 1.59 -37.79	54.02 1.80 -39.80	55.57 2.28 -38.27	59.08 2.49 -40.42	59.37 2.33 -41.22	57.95 2.46 -38.86	55.69 2.32 -37.70	53.64 2.08 -36.47	49.30 2.41 -31.14	57.04 2.51 -38.75	67.25 3.15 -44.62	86.71 4.66 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.12 2.46 -47.98	57.23 2.24 -41.42	48.83 1.61 -36.28
PPL_SHRM_GT4 24214	52.09 1.16 -42.56	48.53 0.95 -40.53	46.05 0.83 -38.58	45.06 0.81 -37.64	43.81 1.02 -34.66	44.67 1.17 -34.48	50.45 1.59 -37.79	54.02 1.80 -39.80	55.57 2.28 -38.27	59.08 2.49 -40.42	59.37 2.33 -41.22	57.95 2.46 -38.86	55.69 2.32 -37.70	53.64 2.08 -36.47	49.30 2.41 -31.14	57.04 2.51 -38.75	67.25 3.15 -44.62	86.71 4.66 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.12 2.46 -47.98	57.23 2.24 -41.42	48.83 1.61 -36.28
PROJECT___ORANGE 1 24174	10.46 0.08 -2.02	9.04 0.06 -1.93	8.53 0.05 -1.84	8.45 0.05 -1.79	9.85 0.06 -1.65	10.75 0.09 -1.64	12.95 0.12 -1.75	14.43 0.12 -1.89	16.91 0.08 -1.82	18.10 0.08 -1.84	17.87 0.10 -1.96	18.55 0.08 -1.84	17.52 0.06 -1.79	16.89 0.08 -1.73	17.27 0.06 -1.46	17.35 0.08 -1.49	21.36 0.08 -1.82	30.86 0.15 -1.81	30.81 0.18 -1.55	27.37 0.13 -1.72	22.44 0.12 -2.25	17.75 0.08 -1.98	15.42 0.04 -1.80	12.72 0.05 -1.73
PROJECT___ORANGE 2 24166	10.46 0.08 -2.02	9.04 0.06 -1.93	8.53 0.05 -1.84	8.45 0.05 -1.79	9.85 0.06 -1.65	10.75 0.09 -1.64	12.95 0.12 -1.75	14.43 0.12 -1.89	16.91 0.08 -1.82	18.10 0.08 -1.84	17.87 0.10 -1.96	18.55 0.08 -1.84	17.52 0.06 -1.79	16.89 0.08 -1.73	17.27 0.06 -1.46	17.35 0.08 -1.49	21.36 0.08 -1.82	30.86 0.15 -1.81	30.81 0.18 -1.55	27.37 0.13 -1.72	22.44 0.12 -2.25	17.75 0.08 -1.98	15.42 0.04 -1.80	12.72 0.05 -1.73
PYRITES___HYD 24023	7.81 -0.56 0.00	6.60 -0.45 0.00	6.23 -0.42 0.00	6.19 -0.42 0.00	7.59 -0.55 0.00	8.26 -0.76 0.00	9.63 -1.44 0.00	10.55 -1.86 0.00	12.83 -2.19 0.00	13.86 -2.31 0.00	13.48 -2.34 0.00	14.75 -1.88 0.00	14.18 -1.49 0.00	13.85 -1.24 0.00	14.50 -1.24 0.00	14.06 -1.72 0.00	17.44 -2.03 0.00	25.35 -3.56 0.00	25.71 -3.37 0.00	22.51 -3.01 0.00	17.88 -2.53 -0.34	13.96 -1.73 0.00	12.08 -1.49 0.00	10.05 -0.90 0.00
RAMAPO___LBMP 323565	49.49 0.65 -40.47	46.17 0.54 -38.58	43.88 0.52 -36.71	42.94 0.51 -35.82	41.75 0.63 -32.99	42.53 0.69 -32.81	47.03 0.91 -35.06	51.31 1.02 -37.88	52.78 1.34 -36.42	54.52 1.46 -36.89	56.44 1.41 -39.22	55.11 1.51 -36.97	52.98 1.44 -35.87	51.14 1.34 -34.71	46.53 1.50 -29.29	47.23 1.55 -29.90	57.80 1.93 -36.40	68.01 2.92 -36.18	63.05 2.85 -31.11	62.44 2.50 -34.41	57.96 2.03 -35.86	56.96 1.49 -39.78	50.90 1.29 -36.04	46.37 0.92 -34.51
RANKINE____ 23646	13.66 0.24 -5.05	12.12 0.24 -4.82	11.42 0.19 -4.59	11.30 0.21 -4.48	12.52 0.26 -4.12	13.43 0.31 -4.10	15.76 0.31 -4.38	17.55 0.41 -4.73	19.91 0.35 -4.55	21.05 0.27 -4.60	21.08 0.36 -4.89	21.44 0.20 -4.61	20.30 0.16 -4.48	19.67 0.26 -4.33	19.61 0.20 -3.66	19.78 0.27 -3.73	24.23 0.21 -4.55	33.66 0.23 -4.52	33.12 0.15 -3.89	29.92 0.10 -4.30	25.22 0.24 -4.91	20.97 0.31 -4.97	18.19 0.11 -4.50	15.39 0.13 -4.31
RAVENSWOOD_GT2_1 24244	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.98 1.63 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.12 1.65 -41.80	52.90 1.47 -37.86	48.24 1.04 -36.26
RAVENSWOOD_GT2_2 24245	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.98 1.63 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.12 1.65 -41.80	52.90 1.47 -37.86	48.24 1.04 -36.26
RAVENSWOOD_GT2_3 24246	51.65 0.73 -42.56	48.18 0.59 -40.53	45.78 0.56 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.58 1.65 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.23 1.72 -30.77	48.98 1.78 -31.41	59.87 2.16 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.14 1.66 -41.80	52.91 1.48 -37.86	48.24 1.04 -36.26
RAVENSWOOD_GT2_4 24247	51.65 0.73 -42.56	48.18 0.59 -40.53	45.78 0.56 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.58 1.65 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.23 1.72 -30.77	48.98 1.78 -31.41	59.87 2.16 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.14 1.66 -41.80	52.91 1.48 -37.86	48.24 1.04 -36.26

RAVENSWOOD_GT3_1 24248	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.24 1.04 -36.26
RAVENSWOOD_GT3_2 24249	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.24 1.04 -36.26
RAVENSWOOD_GT3_3 24250	51.66 0.74 -42.56	48.18 0.60 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.90 1.00 -36.83	53.35 1.14 -39.80	54.79 1.50 -38.26	56.59 1.67 -38.75	58.61 1.60 -41.20	57.20 1.73 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.25 1.73 -30.77	48.98 1.78 -31.41	59.87 2.16 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.48 2.81 -36.15	59.99 2.27 -37.65	59.16 1.68 -41.80	52.91 1.48 -37.86	48.25 1.05 -36.26
RAVENSWOOD_GT3_4 24251	51.66 0.74 -42.56	48.18 0.60 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.90 1.00 -36.83	53.35 1.14 -39.80	54.79 1.50 -38.26	56.59 1.67 -38.75	58.61 1.60 -41.20	57.20 1.73 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.25 1.73 -30.77	48.98 1.78 -31.41	59.87 2.16 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.48 2.81 -36.15	59.99 2.27 -37.65	59.16 1.68 -41.80	52.91 1.48 -37.86	48.25 1.05 -36.26
RAVENSWOOD_GT_1 23729	51.66 0.74 -42.56	48.18 0.60 -40.53	45.79 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.27 0.78 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.58 1.57 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.85 2.14 -38.24	70.13 3.21 -38.01	64.88 3.11 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.94 1.51 -37.86	48.26 1.06 -36.26
RAVENSWOOD_GT_10 24258	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.77 1.49 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.23 1.03 -36.26
RAVENSWOOD_GT_11 24259	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.77 1.49 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.23 1.03 -36.26
RAVENSWOOD_GT_4 24252	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.58 1.65 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.23 1.03 -36.26
RAVENSWOOD_GT_5 24254	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.58 1.65 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.23 1.03 -36.26
RAVENSWOOD_GT_6 24253	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.58 1.65 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.23 1.03 -36.26
RAVENSWOOD_GT_7 24255	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.77 1.49 -38.26	56.58 1.65 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.23 1.03 -36.26
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.77 1.49 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.23 1.03 -36.26
RAVENSWOOD_GT_9 24257	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.77 1.49 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.23 1.03 -36.26
RAVENSWOOD___1 23533	51.65 0.73 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.58 1.57 -41.20	57.16 1.70 -38.84	54.99 1.64 -37.68	53.09 1.54 -36.47	48.25 1.73 -30.77	48.99 1.80 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.41 2.73 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.94 1.51 -37.86	48.25 1.05 -36.26
RAVENSWOOD___2 23534	51.65 0.73 -42.56	48.18 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.87 0.97 -36.83	53.33 1.12 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.57 1.55 -41.20	57.14 1.68 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.25 1.73 -30.77	48.98 1.78 -31.41	59.83 2.12 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.38 2.70 -36.15	59.95 2.23 -37.65	59.12 1.65 -41.80	52.93 1.49 -37.86	48.25 1.05 -36.26



RAVENSWOOD___3 23535	51.64 0.72 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.79 0.55 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.88 0.98 -36.83	53.33 1.12 -39.80	54.77 1.49 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	54.99 1.64 -37.68	53.08 1.52 -36.47	48.22 1.70 -30.77	48.96 1.77 -31.41	59.85 2.14 -38.24	70.16 3.24 -38.01	64.91 3.14 -32.68	64.43 2.76 -36.15	59.97 2.25 -37.65	59.14 1.66 -41.80	52.90 1.47 -37.86	48.24 1.04 -36.26
RAVENSWOOD___4 23820	51.65 0.73 -42.56	48.17 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.87 0.97 -36.83	53.33 1.12 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.57 1.55 -41.20	57.14 1.68 -38.84	54.98 1.63 -37.68	53.08 1.52 -36.47	48.23 1.72 -30.77	48.98 1.78 -31.41	59.81 2.10 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.38 2.70 -36.15	59.93 2.21 -37.65	59.12 1.65 -41.80	52.93 1.49 -37.86	48.24 1.04 -36.26
RCPL_TRUST___DRP 24196	51.65 0.74 -42.55	48.18 0.60 -40.52	45.78 0.58 -38.56	44.80 0.56 -37.62	43.48 0.69 -34.65	44.26 0.78 -34.47	48.90 1.01 -36.82	53.36 1.15 -39.79	54.79 1.52 -38.26	56.60 1.68 -38.75	58.62 1.61 -41.19	57.20 1.75 -38.83	55.02 1.68 -37.67	53.10 1.55 -36.46	48.24 1.73 -30.76	48.99 1.80 -31.41	59.88 2.18 -38.23	70.21 3.29 -38.01	64.96 3.20 -32.68	64.50 2.83 -36.14	60.00 2.29 -37.64	59.16 1.69 -41.79	52.92 1.49 -37.85	48.24 1.05 -36.25
RENSSELAER___COGEN 23796	78.66 0.43 -69.86	74.37 0.37 -66.95	70.70 0.35 -63.71	69.11 0.34 -62.16	65.80 0.41 -57.24	66.43 0.47 -56.94	72.49 0.59 -60.83	78.81 0.66 -65.74	79.17 0.98 -63.18	81.19 1.04 -63.98	84.86 1.01 -68.02	81.82 1.07 -64.12	78.87 0.99 -62.21	76.26 0.97 -60.21	67.53 0.98 -50.80	68.61 0.96 -51.87	83.82 1.19 -63.16	93.49 1.79 -62.79	84.88 1.80 -53.99	86.82 1.58 -59.71	83.17 1.27 -61.83	85.76 1.03 -69.04	77.00 0.90 -62.53	71.43 0.60 -59.89
REVERE_CPPR_DRP 24186	8.59 0.23 0.00	7.25 0.20 0.00	6.83 0.19 0.00	6.80 0.18 0.00	8.36 0.22 0.00	9.26 0.24 0.00	11.34 0.27 0.00	12.72 0.31 0.00	15.43 0.41 0.00	16.59 0.42 0.00	16.20 0.38 0.00	17.08 0.45 0.00	16.11 0.44 0.00	15.46 0.38 0.00	16.16 0.41 0.00	16.16 0.38 0.00	20.03 0.56 0.00	29.86 0.95 0.00	30.07 0.99 0.00	26.34 0.82 0.00	21.21 0.62 -0.52	16.11 0.42 0.00	13.86 0.29 0.00	11.18 0.24 0.00
RIVERBAY___ 323610	51.66 0.74 -42.56	48.17 0.59 -40.53	45.78 0.56 -38.57	44.78 0.54 -37.62	43.45 0.67 -34.65	44.23 0.75 -34.46	48.85 0.96 -36.82	53.31 1.10 -39.79	54.73 1.46 -38.26	56.54 1.62 -38.74	58.56 1.55 -41.19	57.16 1.70 -38.83	55.00 1.66 -37.67	53.08 1.54 -36.46	48.24 1.73 -30.76	48.98 1.80 -31.41	59.82 2.12 -38.23	70.12 3.21 -38.00	64.87 3.11 -32.68	64.40 2.73 -36.14	59.94 2.23 -37.64	59.10 1.63 -41.79	52.94 1.51 -37.86	48.25 1.05 -36.26
ROCHESTER_9_IC 23652	12.19 0.16 -3.67	10.69 0.13 -3.50	10.08 0.11 -3.33	9.97 0.11 -3.25	11.27 0.14 -2.99	12.19 0.19 -2.98	14.43 0.18 -3.18	16.00 0.15 -3.44	18.38 0.06 -3.30	19.55 0.03 -3.34	19.45 0.08 -3.55	19.96 -0.02 -3.35	18.95 0.03 -3.25	18.29 0.06 -3.15	18.47 0.06 -2.65	18.59 0.10 -2.71	22.81 0.04 -3.30	32.31 0.12 -3.28	32.05 0.15 -2.82	28.67 0.03 -3.12	23.91 0.14 -3.69	19.46 0.17 -3.61	16.87 0.03 -3.27	14.15 0.08 -3.13
ROSETON___1 23587	52.08 0.64 -43.07	48.64 0.53 -41.05	46.22 0.50 -39.07	45.23 0.50 -38.12	43.86 0.62 -35.10	44.62 0.69 -34.92	49.26 0.89 -37.30	53.70 0.98 -40.31	55.08 1.31 -38.76	56.86 1.44 -39.25	58.94 1.39 -41.73	57.46 1.50 -39.34	55.24 1.41 -38.17	53.35 1.33 -36.94	48.36 1.45 -31.17	49.11 1.52 -31.82	60.07 1.87 -38.73	70.25 2.83 -38.50	64.95 2.76 -33.11	64.59 2.45 -36.62	60.19 1.99 -38.12	59.48 1.46 -42.33	53.18 1.26 -38.34	48.56 0.90 -36.72
ROSETON___2 23588	52.08 0.64 -43.07	48.64 0.53 -41.05	46.22 0.50 -39.07	45.23 0.50 -38.12	43.86 0.62 -35.10	44.62 0.69 -34.92	49.26 0.89 -37.30	53.70 0.98 -40.31	55.08 1.31 -38.76	56.86 1.44 -39.25	58.94 1.39 -41.73	57.46 1.50 -39.34	55.24 1.41 -38.17	53.35 1.33 -36.94	48.36 1.45 -31.17	49.11 1.52 -31.82	60.07 1.87 -38.73	70.25 2.83 -38.50	64.95 2.76 -33.11	64.59 2.45 -36.62	60.19 1.99 -38.12	59.48 1.46 -42.33	53.18 1.26 -38.34	48.56 0.90 -36.72
RUSSELL___1 23602	12.25 0.21 -3.67	10.73 0.17 -3.50	10.12 0.14 -3.33	10.01 0.15 -3.25	11.31 0.18 -3.00	12.23 0.23 -2.98	14.50 0.24 -3.18	16.06 0.21 -3.44	18.46 0.13 -3.30	19.65 0.13 -3.35	19.55 0.17 -3.56	20.06 0.08 -3.35	19.05 0.12 -3.25	18.38 0.15 -3.15	18.58 0.17 -2.66	18.68 0.19 -2.71	22.95 0.17 -3.30	32.54 0.35 -3.28	32.26 0.35 -2.82	28.85 0.20 -3.12	24.05 0.28 -3.69	19.58 0.28 -3.61	16.97 0.12 -3.27	14.22 0.14 -3.13
RUSSELL___2 23532	12.25 0.21 -3.67	10.73 0.17 -3.50	10.12 0.14 -3.33	10.01 0.15 -3.25	11.31 0.18 -3.00	12.23 0.23 -2.98	14.50 0.24 -3.18	16.06 0.21 -3.44	18.46 0.13 -3.30	19.65 0.13 -3.35	19.55 0.17 -3.56	20.06 0.08 -3.35	19.05 0.12 -3.25	18.38 0.15 -3.15	18.58 0.17 -2.66	18.68 0.19 -2.71	22.95 0.17 -3.30	32.54 0.35 -3.28	32.26 0.35 -2.82	28.85 0.20 -3.12	24.05 0.28 -3.69	19.58 0.28 -3.61	16.97 0.12 -3.27	14.22 0.14 -3.13
RUSSELL___3 23549	12.25 0.21 -3.67	10.73 0.17 -3.50	10.12 0.14 -3.33	10.01 0.15 -3.25	11.31 0.18 -3.00	12.23 0.23 -2.98	14.50 0.24 -3.18	16.06 0.21 -3.44	18.46 0.13 -3.30	19.65 0.13 -3.35	19.55 0.17 -3.56	20.06 0.08 -3.35	19.05 0.12 -3.25	18.38 0.15 -3.15	18.58 0.17 -2.66	18.68 0.19 -2.71	22.95 0.17 -3.30	32.54 0.35 -3.28	32.26 0.35 -2.82	28.85 0.20 -3.12	24.05 0.28 -3.69	19.58 0.28 -3.61	16.97 0.12 -3.27	14.22 0.14 -3.13
RUSSELL___4 23556	12.25 0.21 -3.67	10.73 0.17 -3.50	10.12 0.14 -3.33	10.01 0.15 -3.25	11.31 0.18 -3.00	12.23 0.23 -2.98	14.50 0.24 -3.18	16.06 0.21 -3.44	18.46 0.13 -3.30	19.65 0.13 -3.35	19.55 0.17 -3.56	20.06 0.08 -3.35	19.05 0.12 -3.25	18.38 0.15 -3.15	18.58 0.17 -2.66	18.68 0.19 -2.71	22.95 0.17 -3.30	32.54 0.35 -3.28	32.26 0.35 -2.82	28.85 0.20 -3.12	24.05 0.28 -3.69	19.58 0.28 -3.61	16.97 0.12 -3.27	14.22 0.14 -3.13
RUSSELL___STATION 23914	12.25 0.21 -3.67	10.73 0.17 -3.50	10.12 0.14 -3.33	10.01 0.15 -3.25	11.31 0.18 -3.00	12.23 0.23 -2.98	14.50 0.24 -3.18	16.06 0.21 -3.44	18.46 0.13 -3.30	19.65 0.13 -3.35	19.55 0.17 -3.56	20.06 0.08 -3.35	19.05 0.12 -3.25	18.38 0.15 -3.15	18.58 0.17 -2.66	18.68 0.19 -2.71	22.95 0.17 -3.30	32.54 0.35 -3.28	32.26 0.35 -2.82	28.85 0.20 -3.12	24.05 0.28 -3.69	19.58 0.28 -3.61	16.97 0.12 -3.27	14.22 0.14 -3.13
S SALMON___HYD 24043	9.73 -0.06 -1.42	8.36 -0.05 -1.36	7.88 -0.05 -1.29	7.82 -0.05 -1.26	9.23 -0.07 -1.16	10.10 -0.07 -1.15	12.18 -0.12 -1.23	13.61 -0.14 -1.33	16.11 -0.18 -1.27	17.27 -0.19 -1.29	16.98 -0.21 -1.37	17.74 -0.18 -1.29	16.76 -0.16 -1.25	16.15 -0.15 -1.21	16.60 -0.17 -1.02	16.64 -0.19 -1.04	20.55 -0.19 -1.27	29.91 -0.26 -1.26	29.94 -0.23 -1.09	26.50 -0.23 -1.20	21.57 -0.20 -1.70	16.93 -0.14 -1.39	14.68 -0.16 -1.27	12.05 -0.11 -1.21

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.37 0.13 -4.87	11.86 0.15 -4.65	11.18 0.11 -4.43	11.05 0.12 -4.32	12.27 0.15 -3.98	13.15 0.18 -3.96	15.43 0.13 -4.23	17.17 0.19 -4.57	19.48 0.08 -4.39	20.60 -0.02 -4.44	20.60 0.06 -4.72	20.98 -0.10 -4.45	19.86 -0.13 -4.32	19.25 -0.02 -4.18	19.20 -0.08 -3.53	19.37 -0.02 -3.60	23.70 -0.16 -4.39	32.95 -0.32 -4.36	32.45 -0.38 -3.75	29.29 -0.38 -4.15	24.70 -0.12 -4.75	20.52 0.05 -4.79	17.80 -0.12 -4.34	15.07 -0.03 -4.16
SELKIRK___I 23801	78.59 0.29 -69.93	74.30 0.26 -66.98	70.63 0.25 -63.74	69.05 0.24 -62.19	65.70 0.29 -57.27	66.32 0.33 -56.97	72.35 0.42 -60.86	78.64 0.46 -65.77	78.93 0.71 -63.20	80.94 0.76 -64.01	84.61 0.74 -68.05	81.56 0.78 -64.15	78.64 0.74 -62.24	76.04 0.72 -60.23	67.31 0.74 -50.82	68.39 0.73 -51.88	83.54 0.88 -63.19	93.06 1.33 -62.82	84.41 1.31 -54.02	86.44 1.17 -59.74	82.87 0.94 -61.86	85.52 0.77 -69.07	76.82 0.68 -62.56	71.30 0.44 -59.92
SELKIRK___II 23799	78.58 0.29 -69.92	74.29 0.26 -66.97	70.63 0.25 -63.74	69.04 0.24 -62.19	65.70 0.30 -57.27	66.33 0.34 -56.96	72.36 0.43 -60.86	78.65 0.47 -65.77	78.93 0.72 -63.19	80.95 0.78 -64.00	84.62 0.76 -68.04	81.57 0.80 -64.14	78.65 0.75 -62.23	76.05 0.74 -60.23	67.32 0.76 -50.82	68.40 0.74 -51.88	83.55 0.90 -63.19	93.06 1.33 -62.81	84.43 1.34 -54.01	86.44 1.17 -59.74	82.89 0.96 -61.85	85.53 0.78 -69.07	76.82 0.69 -62.56	71.30 0.45 -59.91
SENECA OSWGO___HYD 24041	10.32 -0.02 -1.97	8.91 -0.02 -1.88	8.41 -0.02 -1.79	8.33 -0.02 -1.74	9.73 -0.02 -1.60	10.61 -0.01 -1.60	12.78 0.00 -1.71	14.26 0.00 -1.84	16.76 -0.03 -1.77	17.93 -0.03 -1.79	17.71 -0.02 -1.90	18.39 -0.03 -1.79	17.36 -0.05 -1.74	16.74 -0.03 -1.68	17.12 -0.05 -1.42	17.20 -0.03 -1.45	21.18 -0.06 -1.77	30.58 -0.09 -1.76	30.54 -0.06 -1.51	27.12 -0.08 -1.67	22.21 -0.04 -2.18	17.58 -0.03 -1.93	15.25 -0.08 -1.75	12.57 -0.05 -1.68
SENECA___ENERGY 23797	12.96 0.21 -4.38	11.40 0.17 -4.18	10.76 0.14 -3.98	10.64 0.15 -3.88	11.91 0.19 -3.57	12.83 0.25 -3.56	15.21 0.34 -3.80	16.89 0.37 -4.10	19.31 0.35 -3.94	20.51 0.34 -3.99	20.41 0.35 -4.24	20.94 0.32 -4.00	19.82 0.27 -3.88	19.14 0.30 -3.76	19.20 0.28 -3.17	19.35 0.33 -3.24	23.84 0.43 -3.94	33.58 0.75 -3.92	33.24 0.79 -3.37	29.86 0.61 -3.73	24.93 0.54 -4.31	20.40 0.41 -4.31	17.70 0.22 -3.90	14.89 0.21 -3.74
SHOEMAKER___GT 23640	46.60 0.59 -37.64	43.45 0.49 -35.90	41.28 0.46 -34.17	40.41 0.46 -33.34	39.40 0.56 -30.70	40.19 0.63 -30.54	44.50 0.81 -32.62	48.57 0.91 -35.26	50.12 1.20 -33.89	51.80 1.29 -34.33	53.58 1.27 -36.49	52.38 1.35 -34.40	50.31 1.27 -33.38	48.58 1.19 -32.30	44.31 1.31 -27.25	44.96 1.36 -27.83	55.06 1.71 -33.87	65.19 2.60 -33.67	60.57 2.53 -28.95	59.77 2.22 -32.02	55.29 1.81 -33.41	54.02 1.32 -37.02	48.25 1.14 -33.54	43.87 0.81 -32.12
SHOREHAM_IC_1 23715	52.09 1.16 -42.56	48.53 0.95 -40.53	46.05 0.83 -38.58	45.06 0.81 -37.64	43.81 1.02 -34.66	44.67 1.17 -34.48	50.45 1.59 -37.79	54.02 1.80 -39.80	55.57 2.28 -38.27	59.08 2.49 -40.42	59.37 2.33 -41.22	57.95 2.46 -38.86	55.69 2.32 -37.70	53.64 2.08 -36.47	49.30 2.41 -31.14	57.04 2.51 -38.75	67.25 3.15 -44.62	86.71 4.66 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.12 2.46 -47.98	57.23 2.24 -41.42	48.83 1.61 -36.28
SHOREHAM_IC_2 23716	52.09 1.16 -42.56	48.53 0.95 -40.53	46.05 0.83 -38.58	45.06 0.81 -37.64	43.81 1.02 -34.66	44.67 1.17 -34.48	50.45 1.59 -37.79	54.02 1.80 -39.80	55.57 2.28 -38.27	59.08 2.49 -40.42	59.37 2.33 -41.22	57.95 2.46 -38.86	55.69 2.32 -37.70	53.64 2.08 -36.47	49.30 2.41 -31.14	57.04 2.51 -38.75	67.25 3.15 -44.62	86.71 4.66 -53.14	80.32 4.59 -46.64	69.99 4.06 -40.41	68.48 3.27 -45.14	66.12 2.46 -47.98	57.23 2.24 -41.42	48.83 1.61 -36.28
SISSONVILLE____ 23735	7.73 -0.64 0.00	6.54 -0.51 0.00	6.17 -0.48 0.00	6.12 -0.49 0.00	7.52 -0.62 0.00	8.18 -0.84 0.00	9.54 -1.53 0.00	10.41 -2.00 0.00	12.65 -2.37 0.00	13.67 -2.51 0.00	13.32 -2.50 0.00	14.57 -2.06 0.00	14.01 -1.66 0.00	13.70 -1.39 0.00	14.35 -1.40 0.00	13.90 -1.88 0.00	17.21 -2.26 0.00	24.95 -3.96 0.00	25.30 -3.78 0.00	22.18 -3.34 0.00	17.64 -2.77 -0.34	13.80 -1.88 0.00	11.97 -1.60 0.00	9.96 -0.98 0.00
SITHE_IND_GS1 24169	9.93 -0.09 -1.66	8.56 -0.08 -1.58	8.08 -0.07 -1.50	8.01 -0.07 -1.47	9.40 -0.09 -1.35	10.27 -0.09 -1.34	12.40 -0.11 -1.44	13.83 -0.14 -1.55	16.33 -0.18 -1.49	17.49 -0.19 -1.51	17.23 -0.19 -1.60	17.92 -0.22 -1.51	16.93 -0.20 -1.47	16.31 -0.20 -1.42	16.74 -0.21 -1.20	16.81 -0.19 -1.22	20.67 -0.29 -1.49	29.96 -0.43 -1.48	29.92 -0.44 -1.27	26.55 -0.38 -1.41	21.71 -0.26 -1.90	17.11 -0.20 -1.63	14.83 -0.22 -1.48	12.19 -0.16 -1.41
SITHE_IND_GS2 24170	9.93 -0.09 -1.66	8.56 -0.08 -1.58	8.08 -0.07 -1.50	8.01 -0.07 -1.47	9.40 -0.09 -1.35	10.27 -0.09 -1.34	12.40 -0.11 -1.44	13.83 -0.14 -1.55	16.33 -0.18 -1.49	17.49 -0.19 -1.51	17.23 -0.19 -1.60	17.92 -0.22 -1.51	16.93 -0.20 -1.47	16.31 -0.20 -1.42	16.74 -0.21 -1.20	16.81 -0.19 -1.22	20.67 -0.29 -1.49	29.96 -0.43 -1.48	29.92 -0.44 -1.27	26.55 -0.38 -1.41	21.71 -0.26 -1.90	17.11 -0.20 -1.63	14.83 -0.22 -1.48	12.19 -0.16 -1.41
SITHE_IND_GS3 24171	9.93 -0.09 -1.66	8.56 -0.08 -1.58	8.08 -0.07 -1.50	8.01 -0.07 -1.47	9.40 -0.09 -1.35	10.27 -0.09 -1.34	12.40 -0.11 -1.44	13.83 -0.14 -1.55	16.33 -0.18 -1.49	17.49 -0.19 -1.51	17.23 -0.19 -1.60	17.92 -0.22 -1.51	16.93 -0.20 -1.47	16.31 -0.20 -1.42	16.74 -0.21 -1.20	16.81 -0.19 -1.22	20.67 -0.29 -1.49	29.96 -0.43 -1.48	29.92 -0.44 -1.27	26.55 -0.38 -1.41	21.71 -0.26 -1.90	17.11 -0.20 -1.63	14.83 -0.22 -1.48	12.19 -0.16 -1.41
SITHE_IND_GS4 24172	9.93 -0.09 -1.66	8.56 -0.08 -1.58	8.08 -0.07 -1.50	8.01 -0.07 -1.47	9.40 -0.09 -1.35	10.27 -0.09 -1.34	12.40 -0.11 -1.44	13.83 -0.14 -1.55	16.33 -0.18 -1.49	17.49 -0.19 -1.51	17.23 -0.19 -1.60	17.92 -0.22 -1.51	16.93 -0.20 -1.47	16.31 -0.20 -1.42	16.74 -0.21 -1.20	16.81 -0.19 -1.22	20.67 -0.29 -1.49	29.96 -0.43 -1.48	29.92 -0.44 -1.27	26.55 -0.38 -1.41	21.71 -0.26 -1.90	17.11 -0.20 -1.63	14.83 -0.22 -1.48	12.19 -0.16 -1.41
SITHE___BATAVIA 24024	12.97 0.30 -4.30	11.45 0.28 -4.11	10.79 0.24 -3.91	10.67 0.24 -3.81	11.96 0.31 -3.51	12.88 0.37 -3.49	15.15 0.34 -3.73	16.78 0.34 -4.03	19.15 0.26 -3.87	20.31 0.21 -3.92	20.28 0.29 -4.17	20.69 0.13 -3.93	19.64 0.16 -3.82	19.00 0.23 -3.69	19.07 0.20 -3.12	19.21 0.25 -3.18	23.52 0.17 -3.87	33.02 0.26 -3.85	32.63 0.23 -3.31	29.29 0.10 -3.66	24.58 0.26 -4.25	20.26 0.34 -4.23	17.53 0.12 -3.84	14.80 0.19 -3.68
SITHE___INDEPEND 23800	9.93 -0.09 -1.66	8.56 -0.08 -1.58	8.08 -0.07 -1.50	8.01 -0.07 -1.47	9.40 -0.09 -1.35	10.27 -0.09 -1.34	12.40 -0.11 -1.44	13.83 -0.14 -1.55	16.33 -0.18 -1.49	17.49 -0.19 -1.51	17.23 -0.19 -1.60	17.92 -0.22 -1.51	16.93 -0.20 -1.47	16.31 -0.20 -1.42	16.74 -0.21 -1.20	16.81 -0.19 -1.22	20.67 -0.29 -1.49	29.96 -0.43 -1.48	29.92 -0.44 -1.27	26.55 -0.38 -1.41	21.71 -0.26 -1.90	17.11 -0.20 -1.63	14.83 -0.22 -1.48	12.19 -0.16 -1.41

SITHE___MASSENA 23902	7.68 -0.69 0.00	6.50 -0.56 0.00	6.13 -0.52 0.00	6.09 -0.52 0.00	7.48 -0.66 0.00	8.13 -0.89 0.00	9.48 -1.59 0.00	10.35 -2.06 0.00	12.59 -2.43 0.00	13.60 -2.57 0.00	13.24 -2.58 0.00	14.50 -2.13 0.00	13.94 -1.72 0.00	13.62 -1.46 0.00	14.27 -1.48 0.00	13.82 -1.96 0.00	17.13 -2.34 0.00	24.89 -4.02 0.00	25.24 -3.84 0.00	22.10 -3.42 0.00	17.58 -2.83 -0.34	13.72 -1.96 0.00	11.89 -1.68 0.00	9.89 -1.05 0.00
SITHE___OGDNSBRG 24021	7.81 -0.56 0.00	6.61 -0.44 0.00	6.23 -0.41 0.00	6.19 -0.42 0.00	7.60 -0.54 0.00	8.27 -0.75 0.00	9.64 -1.43 0.00	10.56 -1.85 0.00	12.86 -2.16 0.00	13.89 -2.28 0.00	13.51 -2.31 0.00	14.78 -1.85 0.00	14.21 -1.46 0.00	13.86 -1.22 0.00	14.52 -1.23 0.00	14.08 -1.70 0.00	17.50 -1.97 0.00	25.50 -3.41 0.00	25.85 -3.23 0.00	22.61 -2.91 0.00	17.96 -2.45 -0.34	13.99 -1.69 0.00	12.08 -1.49 0.00	10.06 -0.89 0.00
SITHE___STERLING 23777	8.58 0.22 0.00	7.24 0.18 0.00	6.81 0.17 0.00	6.78 0.17 0.00	8.34 0.20 0.00	9.25 0.23 0.00	11.35 0.28 0.00	12.73 0.32 0.00	15.41 0.39 0.00	16.58 0.40 0.00	16.20 0.38 0.00	17.04 0.42 0.00	16.07 0.41 0.00	15.45 0.36 0.00	16.13 0.38 0.00	16.14 0.36 0.00	19.97 0.51 0.00	29.75 0.84 0.00	29.96 0.87 0.00	26.26 0.74 0.00	21.18 0.58 -0.52	16.07 0.39 0.00	13.85 0.27 0.00	11.17 0.23 0.00
SOUTH CAIRO___GT 23612	60.65 0.69 -51.59	57.52 0.61 -49.86	54.66 0.56 -47.45	53.48 0.57 -46.30	51.45 0.68 -42.63	52.19 0.77 -42.41	57.34 0.96 -45.31	62.44 1.07 -48.96	63.32 1.50 -46.80	65.15 1.59 -47.39	67.79 1.58 -50.39	65.79 1.66 -47.50	63.21 1.46 -46.08	61.09 1.40 -44.60	54.84 1.46 -37.63	55.75 1.55 -38.42	68.63 2.12 -47.04	78.97 3.29 -46.76	72.37 3.08 -40.21	72.70 2.70 -44.47	68.35 2.09 -46.19	68.65 1.55 -51.42	61.49 1.34 -46.57	56.45 0.91 -44.60
SOUTH HAMPTN___IC 23720	52.37 1.45 -42.56	48.78 1.19 -40.53	46.27 1.05 -38.58	45.28 1.03 -37.64	44.08 1.29 -34.66	44.97 1.48 -34.48	50.86 2.00 -37.79	54.49 2.27 -39.80	56.16 2.87 -38.27	59.73 3.14 -40.42	60.00 2.96 -41.22	58.60 3.11 -38.86	56.29 2.91 -37.70	54.18 2.62 -36.47	49.87 2.98 -31.14	57.66 3.13 -38.75	68.12 4.03 -44.62	88.13 6.07 -53.14	81.71 5.99 -46.64	71.22 5.28 -40.41	69.45 4.23 -45.14	66.83 3.17 -47.98	57.79 2.80 -41.42	49.24 2.01 -36.28
SOUTHOLD___IC 23719	52.53 1.61 -42.56	48.92 1.33 -40.53	46.40 1.18 -38.58	45.41 1.16 -37.64	44.24 1.45 -34.66	45.16 1.66 -34.48	51.10 2.25 -37.79	54.77 2.56 -39.80	56.51 3.22 -38.27	60.10 3.51 -40.42	60.36 3.32 -41.22	58.98 3.49 -38.86	56.63 3.26 -37.70	54.50 2.94 -36.47	50.20 3.31 -31.14	58.02 3.49 -38.75	68.63 4.54 -44.62	88.93 6.88 -53.14	82.53 6.80 -46.64	71.91 5.97 -40.41	69.97 4.76 -45.14	67.22 3.56 -47.98	58.10 3.11 -41.42	49.45 2.23 -36.28
ST LAWRENCE___ 23600	6.54 -0.27 1.55	5.36 -0.22 1.48	5.03 -0.21 1.41	5.03 -0.20 1.37	6.61 -0.26 1.27	7.45 -0.31 1.26	9.33 -0.40 1.35	10.44 -0.52 1.45	12.80 -0.69 1.53	13.91 -0.71 1.55	13.47 -0.70 1.65	14.38 -0.70 1.55	13.52 -0.64 1.51	13.02 -0.60 1.46	13.87 -0.65 1.23	13.83 -0.69 1.26	17.08 -0.86 1.53	26.09 -1.30 1.52	26.67 -1.11 1.31	23.16 -0.92 1.45	17.91 -0.78 1.38	13.43 -0.58 1.68	11.74 -0.45 1.38	9.30 -0.32 1.32
STATION 5_MISC_HYD 23604	12.19 0.16 -3.67	10.69 0.13 -3.50	10.08 0.11 -3.33	9.97 0.11 -3.25	11.27 0.14 -2.99	12.19 0.19 -2.98	14.43 0.18 -3.18	16.00 0.15 -3.44	18.38 0.06 -3.30	19.55 0.03 -3.34	19.45 0.08 -3.55	19.96 -0.02 -3.35	18.95 0.03 -3.25	18.29 0.06 -3.15	18.47 0.06 -2.65	18.59 0.10 -2.71	22.81 0.04 -3.30	32.31 0.12 -3.28	32.05 0.15 -2.82	28.67 0.03 -3.12	23.91 0.14 -3.69	19.46 0.17 -3.61	16.87 0.03 -3.27	14.15 0.08 -3.13
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	12.33 0.22 -3.74	10.80 0.18 -3.57	10.20 0.15 -3.40	10.08 0.15 -3.32	11.39 0.19 -3.05	12.31 0.25 -3.04	14.63 0.31 -3.25	16.22 0.30 -3.51	18.65 0.26 -3.37	19.84 0.26 -3.41	19.73 0.29 -3.63	20.26 0.22 -3.42	19.20 0.22 -3.32	18.54 0.24 -3.21	18.71 0.25 -2.71	18.83 0.28 -2.77	23.17 0.33 -3.37	32.84 0.58 -3.35	32.58 0.61 -2.88	29.14 0.43 -3.18	24.27 0.44 -3.76	19.73 0.36 -3.68	17.10 0.19 -3.34	14.32 0.19 -3.20
STA_56_34_KV_BUS2_REV_LBMP_B 345033	12.14 0.09 -3.68	10.65 0.08 -3.51	10.04 0.05 -3.35	9.93 0.06 -3.26	11.22 0.08 -3.01	12.13 0.12 -2.99	14.38 0.11 -3.19	15.94 0.07 -3.45	18.32 -0.02 -3.31	19.50 -0.03 -3.36	19.39 0.00 -3.57	19.91 -0.08 -3.36	18.88 -0.05 -3.26	18.23 -0.02 -3.16	18.40 -0.02 -2.67	18.52 0.02 -2.72	22.74 -0.04 -3.31	32.21 0.00 -3.29	31.92 0.00 -2.83	28.58 -0.08 -3.13	23.82 0.04 -3.71	19.40 0.09 -3.62	16.82 -0.04 -3.28	14.09 0.00 -3.14
STEEL___WIND 323596	13.67 0.25 -5.05	12.12 0.25 -4.82	11.43 0.20 -4.59	11.30 0.22 -4.48	12.53 0.27 -4.12	13.43 0.32 -4.10	15.77 0.32 -4.38	17.57 0.42 -4.73	19.94 0.38 -4.55	21.07 0.29 -4.60	21.09 0.38 -4.89	21.46 0.22 -4.61	20.32 0.17 -4.48	19.69 0.27 -4.33	19.62 0.22 -3.66	19.80 0.28 -3.73	24.25 0.23 -4.55	33.69 0.26 -4.52	33.15 0.18 -3.89	29.95 0.13 -4.30	25.24 0.26 -4.91	20.98 0.33 -4.97	18.20 0.12 -4.50	15.40 0.14 -4.31
STEBEN_REC_LFGE 323667	15.79 0.48 -6.95	14.09 0.41 -6.63	13.33 0.37 -6.31	13.15 0.38 -6.16	14.29 0.49 -5.67	15.23 0.58 -5.64	17.87 0.77 -6.02	19.82 0.89 -6.51	22.16 0.89 -6.25	23.33 0.82 -6.33	23.37 0.82 -6.73	23.69 0.71 -6.35	22.40 0.58 -6.16	21.69 0.65 -5.96	21.39 0.61 -5.03	21.62 0.71 -5.13	26.60 0.88 -6.25	36.60 1.47 -6.22	35.94 1.51 -5.34	32.71 1.28 -5.91	27.72 1.08 -6.57	23.33 0.81 -6.83	20.30 0.53 -6.19	17.35 0.48 -5.93
STONY___BROOK 24151	52.05 1.13 -42.56	48.50 0.92 -40.53	46.02 0.80 -38.58	45.04 0.79 -37.64	43.79 0.99 -34.66	44.65 1.15 -34.48	50.42 1.56 -37.79	53.97 1.75 -39.80	55.53 2.24 -38.27	59.02 2.43 -40.42	59.33 2.29 -41.22	57.92 2.43 -38.86	55.68 2.30 -37.70	53.64 2.08 -36.47	49.27 2.38 -31.14	57.01 2.48 -38.75	67.15 3.06 -44.62	86.50 4.45 -53.14	80.11 4.39 -46.64	69.84 3.91 -40.41	68.36 3.15 -45.14	66.06 2.40 -47.98	57.18 2.19 -41.42	48.80 1.58 -36.28
STURGEON_POOL_HYD 23609	53.19 0.71 -44.11	50.38 0.61 -42.71	47.87 0.58 -40.64	46.85 0.58 -39.65	45.35 0.69 -36.52	46.10 0.76 -36.33	50.83 0.95 -38.81	55.40 1.05 -41.94	55.96 1.41 -39.52	57.69 1.49 -40.03	59.86 1.49 -42.55	58.32 1.58 -40.12	55.97 1.38 -38.92	54.03 1.28 -37.67	48.93 1.40 -31.78	49.74 1.52 -32.45	61.90 2.14 -40.29	72.35 3.38 -40.06	66.64 3.11 -34.44	66.35 2.73 -38.09	61.84 2.13 -39.64	61.28 1.55 -44.04	54.82 1.36 -39.89	50.09 0.94 -38.21
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.84 0.64 -38.83	44.62 0.54 -37.03	42.39 0.51 -35.24	41.49 0.50 -34.38	40.41 0.62 -31.66	41.20 0.69 -31.49	45.61 0.90 -33.64	49.77 1.00 -36.36	51.28 1.31 -34.95	53.00 1.42 -35.40	54.85 1.39 -37.64	53.59 1.48 -35.48	51.48 1.39 -34.42	49.71 1.31 -33.31	45.29 1.43 -28.11	45.98 1.50 -28.70	56.29 1.89 -34.93	66.50 2.86 -34.73	61.74 2.79 -29.86	61.00 2.45 -33.02	56.50 1.99 -34.44	55.32 1.46 -38.18	49.42 1.26 -34.58	44.96 0.90 -33.12

SYNERGY___BIOGAS 323694	12.97 0.30 -4.30	11.45 0.28 -4.11	10.79 0.24 -3.91	10.67 0.24 -3.81	11.96 0.31 -3.51	12.88 0.37 -3.49	15.15 0.34 -3.73	16.78 0.34 -4.03	19.15 0.26 -3.87	20.31 0.21 -3.92	20.28 0.29 -4.17	20.69 0.13 -3.93	19.64 0.16 -3.82	19.00 0.23 -3.69	19.07 0.20 -3.12	19.21 0.25 -3.18	23.52 0.17 -3.87	33.02 0.26 -3.85	32.63 0.23 -3.31	29.29 0.10 -3.66	24.58 0.26 -4.25	20.26 0.34 -4.23	17.53 0.12 -3.84	14.80 0.19 -3.68
SYRACUSE___ENERGY_ST1 323597	11.03 0.09 -2.57	9.58 0.07 -2.45	9.04 0.07 -2.33	8.95 0.07 -2.27	10.31 0.08 -2.09	11.21 0.11 -2.08	13.44 0.14 -2.23	14.98 0.16 -2.41	17.48 0.15 -2.31	18.67 0.16 -2.34	18.46 0.16 -2.49	19.12 0.15 -2.34	18.07 0.12 -2.27	17.42 0.14 -2.20	17.73 0.13 -1.86	17.83 0.16 -1.90	21.95 0.17 -2.31	31.49 0.29 -2.29	31.35 0.29 -1.97	27.96 0.26 -2.18	23.01 0.22 -2.72	18.36 0.16 -2.52	15.96 0.10 -2.29	13.21 0.08 -2.19
SYRACUSE___ENERGY_ST2 323598	11.03 0.09 -2.57	9.58 0.07 -2.45	9.04 0.07 -2.33	8.95 0.07 -2.27	10.31 0.08 -2.09	11.21 0.11 -2.08	13.44 0.14 -2.23	14.98 0.16 -2.41	17.48 0.15 -2.31	18.67 0.16 -2.34	18.46 0.16 -2.49	19.12 0.15 -2.34	18.07 0.12 -2.27	17.42 0.14 -2.20	17.73 0.13 -1.86	17.83 0.16 -1.90	21.95 0.17 -2.31	31.49 0.29 -2.29	31.35 0.29 -1.97	27.96 0.26 -2.18	23.01 0.22 -2.72	18.36 0.16 -2.52	15.96 0.10 -2.29	13.21 0.08 -2.19
SYRACUSE___POWER 24017	10.99 0.10 -2.52	9.54 0.08 -2.41	9.00 0.07 -2.29	8.91 0.07 -2.24	10.29 0.09 -2.06	11.18 0.11 -2.05	13.42 0.15 -2.19	14.94 0.16 -2.37	17.44 0.15 -2.27	18.62 0.15 -2.30	18.42 0.16 -2.44	19.08 0.15 -2.30	18.03 0.12 -2.24	17.38 0.14 -2.16	17.70 0.13 -1.83	17.79 0.14 -1.86	21.91 0.17 -2.27	31.46 0.29 -2.26	31.34 0.32 -1.94	27.93 0.26 -2.15	22.98 0.22 -2.69	18.32 0.16 -2.48	15.92 0.10 -2.25	13.19 0.09 -2.16
TRIGEN___CC 323695	51.82 0.88 -42.58	48.32 0.71 -40.55	45.85 0.63 -38.58	44.87 0.62 -37.64	43.57 0.77 -34.66	44.39 0.89 -34.48	50.65 1.17 -38.40	53.55 1.33 -39.81	55.02 1.73 -38.27	58.44 1.84 -40.42	58.81 1.77 -41.22	57.38 1.89 -38.86	55.19 1.82 -37.71	53.23 1.67 -36.47	49.40 1.87 -31.77	56.46 1.92 -38.75	66.47 2.37 -44.62	85.64 3.58 -53.15	79.21 3.49 -46.64	69.02 3.09 -40.41	67.70 2.49 -45.14	65.51 1.85 -47.98	56.62 1.63 -41.41	48.43 1.20 -36.28
UNION___PROCESSING_DRP 323587	12.19 0.13 -3.69	10.69 0.11 -3.52	10.08 0.09 -3.35	9.97 0.09 -3.27	11.26 0.11 -3.01	12.18 0.16 -3.00	14.42 0.14 -3.20	15.98 0.11 -3.46	18.36 0.02 -3.32	19.54 0.00 -3.37	19.43 0.03 -3.58	19.93 -0.07 -3.37	18.92 -0.02 -3.27	18.27 0.02 -3.17	18.44 0.02 -2.67	18.56 0.05 -2.73	22.77 -0.02 -3.32	32.24 0.03 -3.30	31.95 0.03 -2.84	28.61 -0.05 -3.14	23.87 0.08 -3.71	19.44 0.12 -3.63	16.85 -0.01 -3.29	14.13 0.03 -3.15
UPPER HUDSON___HYD 24058	83.69 0.70 -74.62	79.03 0.60 -71.37	75.13 0.56 -67.92	73.44 0.56 -66.27	69.86 0.69 -61.03	70.45 0.72 -60.71	76.80 0.87 -64.85	83.49 0.99 -70.09	83.74 1.37 -67.35	85.79 1.41 -68.21	89.73 1.39 -72.52	86.38 1.40 -68.36	83.31 1.32 -66.32	80.60 1.33 -64.19	71.29 1.39 -54.16	72.52 1.45 -55.29	88.74 1.93 -67.34	98.63 2.78 -66.94	89.43 2.79 -57.56	91.53 2.35 -63.66	87.81 1.87 -65.87	90.63 1.35 -73.60	81.48 1.24 -66.67	75.68 0.89 -63.85
UPPER RAQUET___HYD 24056	7.73 -0.64 0.00	6.54 -0.51 0.00	6.17 -0.48 0.00	6.12 -0.49 0.00	7.52 -0.62 0.00	8.18 -0.84 0.00	9.54 -1.53 0.00	10.41 -2.00 0.00	12.65 -2.37 0.00	13.67 -2.51 0.00	13.32 -2.50 0.00	14.57 -2.06 0.00	14.01 -1.66 0.00	13.70 -1.39 0.00	14.35 -1.40 0.00	13.90 -1.88 0.00	17.21 -2.26 0.00	24.95 -3.96 0.00	25.30 -3.78 0.00	22.18 -3.34 0.00	17.64 -2.77 -0.34	13.80 -1.88 0.00	11.97 -1.60 0.00	9.96 -0.98 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.43 0.64 -12.43	19.47 0.54 -11.87	18.46 0.52 -11.30	18.15 0.52 -11.02	18.91 0.63 -10.15	19.80 0.69 -10.10	22.71 0.85 -10.78	25.07 1.00 -11.65	27.49 1.28 -11.20	28.86 1.34 -11.34	29.14 1.27 -12.05	29.32 1.33 -11.36	27.98 1.29 -11.03	26.90 1.15 -10.67	25.98 1.23 -9.00	26.22 1.25 -9.19	32.34 1.67 -11.20	42.70 2.66 -11.13	41.42 2.76 -9.57	38.46 2.35 -10.58	33.36 1.89 -11.40	29.25 1.33 -12.24	25.71 1.05 -11.09	22.39 0.83 -10.62
VISCHER___FERRY HYD 24020	82.20 0.58 -73.26	77.65 0.49 -70.10	73.81 0.46 -66.71	72.15 0.46 -65.08	68.63 0.56 -59.94	69.26 0.62 -59.62	75.53 0.76 -63.69	82.10 0.86 -68.83	82.40 1.23 -66.14	84.47 1.31 -66.99	88.32 1.28 -71.22	85.08 1.31 -67.14	82.04 1.24 -65.14	79.33 1.21 -63.04	70.18 1.24 -53.19	71.33 1.25 -54.30	87.18 1.58 -66.13	96.99 2.34 -65.74	88.00 2.39 -56.53	90.11 2.07 -62.52	86.43 1.65 -64.71	89.25 1.29 -72.28	80.15 1.10 -65.47	74.43 0.78 -62.71
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.73 0.71 -40.65	46.39 0.59 -38.75	44.08 0.56 -36.87	43.14 0.56 -35.98	41.95 0.68 -33.13	42.73 0.76 -32.96	47.26 0.98 -35.21	51.56 1.10 -38.05	53.04 1.44 -36.58	54.79 1.57 -37.05	56.74 1.53 -39.39	55.40 1.65 -37.13	53.24 1.55 -36.02	51.40 1.45 -34.86	46.77 1.61 -29.42	47.48 1.67 -30.03	58.11 2.08 -36.56	68.40 3.15 -36.34	63.38 3.05 -31.25	62.79 2.70 -34.56	58.28 2.19 -36.01	57.24 1.60 -39.96	51.16 1.40 -36.19	46.60 1.00 -34.66
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.65 0.74 -42.55	48.18 0.60 -40.52	45.78 0.57 -38.56	44.80 0.56 -37.62	43.48 0.69 -34.65	44.26 0.78 -34.47	48.90 1.01 -36.82	53.34 1.14 -39.79	54.78 1.50 -38.26	56.59 1.67 -38.75	58.62 1.61 -41.19	57.19 1.73 -38.83	55.00 1.66 -37.67	53.10 1.55 -36.46	48.23 1.72 -30.76	48.97 1.78 -31.41	59.88 2.18 -38.23	70.21 3.29 -38.01	64.96 3.20 -32.68	64.47 2.81 -36.14	60.00 2.29 -37.64	59.15 1.68 -41.79	52.91 1.48 -37.85	48.24 1.05 -36.25
WADING RIVER_IC_1 23522	52.09 1.16 -42.56	48.53 0.95 -40.53	46.05 0.83 -38.58	45.06 0.81 -37.64	43.81 1.02 -34.66	44.69 1.19 -34.48	50.47 1.62 -37.78	54.04 1.83 -39.80	55.60 2.31 -38.27	59.13 2.54 -40.42	59.44 2.40 -41.22	58.03 2.54 -38.86	55.77 2.40 -37.70	53.73 2.17 -36.47	49.36 2.47 -31.14	57.12 2.59 -38.75	67.33 3.23 -44.62	86.85 4.80 -53.14	80.43 4.71 -46.64	70.10 4.16 -40.41	68.58 3.37 -45.14	66.20 2.54 -47.98	57.27 2.28 -41.42	48.86 1.64 -36.28
WADING RIVER_IC_2 23547	52.09 1.16 -42.56	48.53 0.95 -40.53	46.05 0.83 -38.58	45.06 0.81 -37.64	43.81 1.02 -34.66	44.69 1.19 -34.48	50.47 1.62 -37.78	54.04 1.83 -39.80	55.60 2.31 -38.27	59.13 2.54 -40.42	59.44 2.40 -41.22	58.03 2.54 -38.86	55.77 2.40 -37.70	53.73 2.17 -36.47	49.36 2.47 -31.14	57.12 2.59 -38.75	67.33 3.23 -44.62	86.85 4.80 -53.14	80.43 4.71 -46.64	70.10 4.16 -40.41	68.58 3.37 -45.14	66.20 2.54 -47.98	57.27 2.28 -41.42	48.86 1.64 -36.28
WADING RIVER_IC_3 23601	52.09 1.16 -42.56	48.53 0.95 -40.53	46.05 0.83 -38.58	45.06 0.81 -37.64	43.81 1.02 -34.66	44.69 1.19 -34.48	50.47 1.62 -37.78	54.04 1.83 -39.80	55.60 2.31 -38.27	59.13 2.54 -40.42	59.44 2.40 -41.22	58.03 2.54 -38.86	55.77 2.40 -37.70	53.73 2.17 -36.47	49.36 2.47 -31.14	57.12 2.59 -38.75	67.33 3.23 -44.62	86.85 4.80 -53.14	80.43 4.71 -46.64	70.10 4.16 -40.41	68.58 3.37 -45.14	66.20 2.54 -47.98	57.27 2.28 -41.42	48.86 1.64 -36.28

WALDEN___HYDRO 24148	51.29 0.71 -42.21	48.43 0.61 -40.77	46.01 0.57 -38.79	45.03 0.57 -37.85	43.68 0.69 -34.86	44.47 0.78 -34.67	49.12 1.01 -37.04	53.57 1.13 -40.03	55.13 1.49 -38.62	56.89 1.60 -39.12	58.97 1.57 -41.59	57.51 1.68 -39.20	55.25 1.55 -38.04	53.34 1.45 -36.81	48.40 1.59 -31.06	49.16 1.67 -31.71	60.09 2.16 -38.46	70.47 3.32 -38.23	65.13 3.17 -32.87	64.67 2.78 -36.36	60.16 2.23 -37.86	59.35 1.63 -42.04	53.06 1.41 -38.08	48.41 1.00 -36.47
WARRENSBURG___ 23737	83.69 0.70 -74.62	79.03 0.60 -71.37	75.13 0.56 -67.92	73.44 0.56 -66.27	69.86 0.69 -61.03	70.45 0.72 -60.71	76.80 0.87 -64.85	83.49 0.99 -70.09	83.74 1.37 -67.35	85.79 1.41 -68.21	89.73 1.39 -72.52	86.38 1.40 -68.36	83.31 1.32 -66.32	80.60 1.33 -64.19	71.29 1.39 -54.16	72.52 1.45 -55.29	88.74 1.93 -67.34	98.63 2.78 -66.94	89.43 2.79 -57.56	91.53 2.35 -63.66	87.81 1.87 -65.87	90.63 1.35 -73.60	81.48 1.24 -66.67	75.68 0.89 -63.85
WATERSIDE___6 8 9 23538	51.65 0.73 -42.56	48.17 0.59 -40.53	45.79 0.57 -38.57	44.80 0.56 -37.63	43.47 0.68 -34.65	44.25 0.76 -34.47	48.87 0.97 -36.83	53.33 1.12 -39.80	54.74 1.46 -38.26	56.54 1.62 -38.75	58.57 1.55 -41.20	57.14 1.68 -38.84	54.98 1.63 -37.68	53.08 1.52 -36.47	48.23 1.72 -30.77	48.98 1.78 -31.41	59.81 2.10 -38.24	70.10 3.18 -38.01	64.85 3.08 -32.68	64.38 2.70 -36.15	59.93 2.21 -37.65	59.12 1.65 -41.80	52.93 1.49 -37.86	48.24 1.04 -36.26
WDELAWARE___HYD 323627	44.91 0.71 -35.84	42.18 0.60 -34.52	40.07 0.57 -32.86	39.24 0.57 -32.06	38.34 0.68 -29.52	39.14 0.76 -29.37	43.42 0.97 -31.37	47.41 1.09 -33.90	47.76 1.44 -31.29	49.41 1.54 -31.69	51.02 1.50 -33.70	49.99 1.60 -31.76	47.93 1.44 -30.82	46.24 1.33 -29.83	42.36 1.45 -25.17	43.00 1.53 -25.69	54.07 2.02 -32.57	64.42 3.12 -32.38	59.92 3.00 -27.84	58.95 2.63 -30.79	54.31 2.09 -32.15	52.81 1.52 -35.60	47.13 1.30 -32.25	42.77 0.94 -30.88
WEST BABYLON___IC 23714	52.04 1.11 -42.56	48.49 0.90 -40.54	46.02 0.80 -38.58	45.03 0.78 -37.64	43.76 0.97 -34.66	44.62 1.13 -34.48	50.51 1.49 -37.95	53.90 1.69 -39.80	55.44 2.15 -38.27	58.92 2.33 -40.42	59.26 2.21 -41.22	57.85 2.36 -38.86	55.61 2.24 -37.71	53.59 2.04 -36.47	49.35 2.32 -31.28	56.93 2.40 -38.75	67.01 2.92 -44.62	86.45 4.39 -53.14	80.03 4.30 -46.64	69.74 3.80 -40.41	68.26 3.05 -45.14	65.97 2.31 -47.98	57.10 2.10 -41.42	48.74 1.52 -36.28
WEST CANADA___HYD 24049	5.09 0.08 3.35	3.93 0.07 3.19	3.67 0.07 3.04	3.71 0.07 2.96	5.49 0.08 2.73	6.39 0.09 2.72	8.28 0.11 2.90	9.40 0.12 3.14	12.17 0.17 3.02	13.29 0.18 3.06	12.74 0.17 3.25	13.75 0.18 3.07	12.85 0.16 2.97	12.36 0.15 2.88	13.48 0.16 2.43	13.46 0.16 2.48	16.66 3.02 3.02	26.23 0.32 3.00	26.82 0.32 2.58	22.95 0.28 2.86	17.94 0.24 2.37	12.57 0.19 3.30	10.74 0.15 2.98	8.19 0.10 2.86
WESTERN_NY_WIND 24143	12.99 0.29 -4.33	11.46 0.27 -4.13	10.81 0.23 -3.93	10.69 0.24 -3.84	11.97 0.30 -3.53	12.90 0.37 -3.51	15.16 0.33 -3.76	16.81 0.34 -4.06	19.16 0.24 -3.90	20.32 0.19 -3.95	20.28 0.27 -4.20	20.70 0.12 -3.96	19.65 0.14 -3.84	19.01 0.21 -3.71	19.09 0.20 -3.13	19.22 0.24 -3.20	23.52 0.16 -3.90	33.02 0.23 -3.87	32.62 0.21 -3.33	29.29 0.08 -3.68	24.59 0.24 -4.27	20.27 0.33 -4.26	17.54 0.11 -3.86	14.81 0.17 -3.70
WESTOVER___LESR 323668	19.20 0.25 -10.58	17.37 0.21 -10.10	16.45 0.19 -9.61	16.19 0.20 -9.38	17.02 0.24 -8.64	17.89 0.28 -8.59	20.66 0.41 -9.18	22.75 0.42 -9.92	24.98 0.44 -9.53	26.26 0.44 -9.65	26.52 0.44 -10.26	26.73 0.43 -9.67	25.43 0.38 -9.38	24.54 0.38 -9.08	23.80 0.39 -7.66	24.03 0.43 -7.82	29.50 0.51 -9.53	39.16 0.78 -9.47	38.04 0.81 -8.14	35.22 0.69 -9.01	30.45 0.62 -9.76	26.55 0.46 -10.41	23.34 0.33 -9.43	20.26 0.28 -9.04
WETHRSFD_WT_PWR 323626	14.41 0.24 -5.80	12.83 0.23 -5.54	12.11 0.19 -5.27	11.96 0.21 -5.14	13.13 0.26 -4.74	14.04 0.31 -4.71	16.46 0.35 -5.03	18.26 0.41 -5.44	20.59 0.35 -5.22	21.74 0.27 -5.29	21.78 0.33 -5.63	22.13 0.20 -5.30	20.95 0.14 -5.15	20.29 0.23 -4.98	20.14 0.19 -4.20	20.31 0.24 -4.29	24.91 0.21 -5.23	34.39 0.29 -5.19	33.81 0.26 -4.47	30.64 0.18 -4.94	25.94 0.30 -5.57	21.71 0.31 -5.71	18.86 0.11 -5.17	16.05 0.15 -4.96
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.74 0.66 -40.71	46.39 0.54 -38.80	44.09 0.52 -36.93	43.15 0.52 -36.03	41.95 0.64 -33.18	42.73 0.70 -33.00	47.24 0.91 -35.26	51.53 1.02 -38.10	52.99 1.34 -36.63	54.75 1.47 -37.10	56.69 1.42 -39.44	55.34 1.53 -37.18	53.18 1.44 -36.08	51.36 1.36 -34.91	46.70 1.50 -29.46	47.42 1.56 -30.08	58.01 1.93 -36.61	68.22 2.92 -36.39	63.23 2.85 -31.29	62.64 2.50 -34.61	58.19 2.05 -36.07	57.19 1.49 -40.02	51.12 1.30 -36.24	46.58 0.93 -34.71
YORK___WARBASSE 23770	51.68 0.75 -42.56	48.19 0.61 -40.53	45.80 0.58 -38.57	44.80 0.56 -37.63	43.48 0.69 -34.65	44.26 0.77 -34.47	48.88 0.98 -36.83	53.34 1.13 -39.80	54.76 1.47 -38.26	56.56 1.63 -38.75	58.60 1.58 -41.20	57.18 1.71 -38.84	55.01 1.66 -37.68	53.11 1.55 -36.47	48.27 1.75 -30.77	49.01 1.81 -31.41	59.89 2.18 -38.24	70.19 3.27 -38.01	64.94 3.17 -32.68	64.46 2.78 -36.15	59.99 2.27 -37.65	59.19 1.71 -41.80	52.99 1.56 -37.86	48.28 1.08 -36.26