

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/20/2020

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	46.39	41.86	40.64	40.90	40.91	43.15	49.48	49.97	51.29	49.60	49.16	46.00	42.99	41.83	41.78	41.50	55.85	66.52	55.49	51.41	45.64	43.87	40.75	39.81
24138	1.09	1.08	1.03	1.01	1.01	0.97	0.82	1.35	1.95	1.96	1.88	2.05	2.11	2.21	2.18	2.38	2.60	2.87	2.42	2.15	2.01	1.62	1.30	1.10
	-33.31	-29.09	-28.34	-28.62	-28.73	-30.93	-39.64	-34.23	-30.95	-28.25	-28.33	-24.05	-20.16	-18.54	-18.64	-16.90	-29.82	-37.35	-31.41	-30.43	-25.08	-26.52	-26.22	-27.24
74TH STREET_GT_1	46.39	41.85	40.64	40.90	40.90	43.15	49.47	49.96	51.26	49.59	49.14	45.98	42.97	41.81	41.79	41.47	55.86	66.50	55.47	51.40	45.63	43.87	40.76	39.82
24260	1.09	1.06	1.02	1.01	0.99	0.97	0.81	1.34	1.91	1.94	1.86	2.03	2.09	2.19	2.18	2.35	2.60	2.84	2.40	2.13	1.99	1.62	1.30	1.10
	-33.31	-29.09	-28.35	-28.63	-28.74	-30.94	-39.64	-34.23	-30.95	-28.25	-28.34	-24.05	-20.16	-18.54	-18.64	-16.91	-29.82	-37.35	-31.42	-30.44	-25.08	-26.52	-26.22	-27.24
74TH STREET_GT_2	46.39	41.85	40.64	40.90	40.90	43.15	49.47	49.96	51.26	49.59	49.14	45.98	42.97	41.81	41.79	41.47	55.86	66.50	55.47	51.40	45.63	43.87	40.76	39.82
24261	1.09	1.06	1.02	1.01	0.99	0.97	0.81	1.34	1.91	1.94	1.86	2.03	2.09	2.19	2.18	2.35	2.60	2.84	2.40	2.13	1.99	1.62	1.30	1.10
	-33.31	-29.09	-28.35	-28.63	-28.74	-30.94	-39.64	-34.23	-30.95	-28.25	-28.34	-24.05	-20.16	-18.54	-18.64	-16.91	-29.82	-37.35	-31.42	-30.44	-25.08	-26.52	-26.22	-27.24
ADK HUDSON___FALLS	59.48	53.30	51.76	52.15	52.20	55.39	65.01	63.49	63.52	60.97	60.58	55.59	51.05	49.13	49.13	48.11	67.59	81.26	67.74	63.14	55.37	54.13	50.91	50.35
24011	1.27	1.23	1.15	1.16	1.15	1.22	0.98	1.61	2.19	2.39	2.33	2.33	2.36	2.34	2.31	2.44	2.81	3.18	2.53	2.11	2.04	1.64	1.28	1.08
	-46.23	-40.37	-39.34	-39.72	-39.88	-42.93	-55.01	-47.49	-42.94	-39.19	-39.31	-33.37	-27.96	-25.71	-25.85	-23.45	-41.34	-51.78	-43.55	-42.19	-34.77	-36.77	-36.39	-37.80
ADK RESOURCE___RCVRY	59.59	53.39	51.85	52.24	52.29	55.50	65.12	63.63	63.71	61.16	60.79	55.78	51.22	49.28	49.25	48.26	67.79	81.50	67.90	63.29	55.51	54.24	50.99	50.42
23798	1.34	1.29	1.21	1.22	1.21	1.28	1.05	1.71	2.34	2.54	2.50	2.49	2.51	2.46	2.41	2.58	2.98	3.37	2.66	2.22	2.15	1.71	1.34	1.11
	-46.27	-40.41	-39.37	-39.76	-39.91	-42.96	-55.06	-47.53	-42.98	-39.22	-39.34	-33.39	-27.99	-25.73	-25.87	-23.47	-41.38	-51.82	-43.59	-42.23	-34.80	-36.80	-36.42	-37.83
ADK S GLENS___FALLS	59.48	53.30	51.76	52.15	52.20	55.39	65.01	63.49	63.52	60.97	60.58	55.59	51.05	49.13	49.13	48.11	67.59	81.26	67.74	63.14	55.37	54.13	50.91	50.35
24028	1.27	1.23	1.15	1.16	1.15	1.22	0.98	1.61	2.19	2.39	2.33	2.33	2.36	2.34	2.31	2.44	2.81	3.18	2.53	2.11	2.04	1.64	1.28	1.08
	-46.23	-40.37	-39.34	-39.72	-39.88	-42.93	-55.01	-47.49	-42.94	-39.19	-39.31	-33.37	-27.96	-25.71	-25.85	-23.45	-41.34	-51.78	-43.55	-42.19	-34.77	-36.77	-36.39	-37.80
ADK_NYS___DAM	56.98	51.10	49.65	50.00	50.05	53.06	62.11	60.82	60.91	58.49	58.12	53.47	49.21	47.46	47.45	46.52	64.93	78.03	65.14	60.74	53.36	52.10	49.00	48.42
23527	0.98	0.97	0.92	0.91	0.92	0.93	0.71	1.21	1.64	1.78	1.74	1.81	1.87	1.90	1.87	1.98	2.15	2.45	2.03	1.75	1.71	1.38	1.12	0.95
	-44.01	-38.44	-37.45	-37.82	-37.97	-40.87	-52.37	-45.21	-40.88	-37.31	-37.43	-31.77	-26.62	-24.48	-24.61	-22.33	-39.35	-49.28	-41.45	-40.16	-33.09	-34.99	-34.65	-35.99
AIR_PRODUCTS___DRP	55.96	50.18	48.77	49.12	49.15	52.11	61.02	59.56	59.45	56.98	56.64	52.04	47.86	46.11	46.12	45.16	63.14	75.90	63.32	59.13	51.90	50.90	47.91	47.37
24190	0.77	0.75	0.72	0.72	0.70	0.73	0.58	0.78	0.92	0.95	0.95	0.95	0.99	0.99	0.99	1.02	1.06	1.18	0.95	0.85	0.84	0.80	0.66	0.56
	-43.21	-37.74	-36.77	-37.13	-37.28	-40.13	-51.42	-44.39	-40.14	-36.63	-36.75	-31.19	-26.14	-24.04	-24.17	-21.92	-38.65	-48.40	-40.71	-39.45	-32.50	-34.37	-34.02	-35.33
ALBANY___1	55.96	50.18	48.77	49.12	49.15	52.11	61.02	59.56	59.45	56.98	56.64	52.04	47.86	46.11	46.12	45.16	63.14	75.90	63.32	59.13	51.90	50.90	47.91	47.37
23571	0.77	0.75	0.72	0.72	0.70	0.73	0.58	0.78	0.92	0.95	0.95	0.95	0.99	0.99	0.99	1.02	1.06	1.18	0.95	0.85	0.84	0.80	0.66	0.56
	-43.21	-37.74	-36.77	-37.13	-37.28	-40.13	-51.42	-44.39	-40.14	-36.63	-36.75	-31.19	-26.14	-24.04	-24.17	-21.92	-38.65	-48.40	-40.71	-39.45	-32.50	-34.37	-34.02	-35.33
ALBANY___2	55.96	50.18	48.77	49.12	49.15	52.11	61.02	59.56	59.45	56.98	56.64	52.04	47.86	46.11	46.12	45.16	63.14	75.90	63.32	59.13	51.90	50.90	47.91	47.37
23572	0.77	0.75	0.72	0.72	0.70	0.73	0.58	0.78	0.92	0.95	0.95	0.95	0.99	0.99	0.99	1.02	1.06	1.18	0.95	0.85	0.84	0.80	0.66	0.56
	-43.21	-37.74	-36.77	-37.13	-37.28	-40.13	-51.42	-44.39	-40.14	-36.63	-36.75	-31.19	-26.14	-24.04	-24.17	-21.92	-38.65	-48.40	-40.71	-39.45	-32.50	-34.37	-34.02	-35.33
ALBANY___3	55.96	50.18	48.77	49.12	49.15	52.11	61.02	59.56	59.45	56.98	56.64	52.04	47.86	46.11	46.12	45.16	63.14	75.90	63.32	59.13	51.90	50.90	47.91	47.37
23573	0.77	0.75	0.72	0.72	0.70	0.73	0.58	0.78	0.92	0.95	0.95	0.95	0.99	0.99	0.99	1.02	1.06	1.18	0.95	0.85	0.84	0.80	0.66	0.56
	-43.21	-37.74	-36.77	-37.13	-37.28	-40.13	-51.42	-44.39	-40.14	-36.63	-36.75	-31.19	-26.14	-24.04	-24.17	-21.92	-38.65	-48.40	-40.71	-39.45	-32.50	-34.37	-34.02	-35.33
ALBANY___4	55.96	50.18	48.77	49.12	49.15	52.11	61.02	59.56	59.45	56.98	56.64	52.04	47.86	46.11	46.12	45.16	63.14	75.90	63.32	59.13	51.90	50.90	47.91	47.37
23574	0.77	0.75	0.72	0.72	0.70	0.73	0.58	0.78	0.92	0.95	0.95	0.95	0.99	0.99	0.99	1.02	1.06	1.18	0.95	0.85	0.84	0.80	0.66	0.56
	-43.21	-37.74	-36.77	-37.13	-37.28	-40.13	-51.42	-44.39	-40.14	-36.63	-36.75	-31.19	-26.14	-24.04	-24.17	-21.92	-38.65	-48.40	-40.71	-39.45	-32.50	-34.37	-34.02	-35.33

ALBANY___LFGE 323615	57.06 0.87 -44.20	51.15 0.85 -38.60	49.70 0.81 -37.61	50.06 0.81 -37.98	50.09 0.79 -38.13	53.12 0.82 -41.05	62.27 0.65 -52.60	60.74 0.94 -45.41	60.63 1.18 -41.06	58.11 1.24 -37.47	57.76 1.23 -37.59	53.03 1.23 -31.90	48.75 1.29 -26.74	46.95 1.29 -24.59	46.97 1.28 -24.72	45.95 1.31 -22.42	64.37 1.41 -39.53	77.39 1.58 -49.51	64.57 1.28 -41.64	60.29 1.11 -40.35	52.90 1.09 -33.24	51.86 0.98 -35.16	48.82 0.79 -34.80	48.31 0.69 -36.14
ALCOA_RYNLDS___DRP 24188	11.49 -0.49 0.00	11.23 -0.47 0.00	10.90 -0.37 0.00	10.90 -0.36 0.00	10.87 -0.30 0.00	10.90 -0.35 0.00	8.78 -0.24 0.00	13.80 -0.59 0.00	17.66 -0.74 0.00	18.66 -0.74 0.00	18.28 -0.66 0.00	19.18 -0.72 0.00	20.00 -0.73 0.00	20.36 -0.72 0.00	20.28 -0.69 0.00	21.39 -0.82 0.00	22.42 -1.01 0.00	25.18 -1.13 0.00	20.68 -0.97 0.00	17.99 -0.85 0.00	17.67 -0.89 0.00	15.03 -0.69 0.00	12.69 -0.54 0.00	10.96 -0.52 0.00
ALCOA___DSASP 323711	11.49 -0.49 0.00	11.23 -0.47 0.00	10.90 -0.37 0.00	10.90 -0.36 0.00	10.87 -0.30 0.00	10.90 -0.35 0.00	8.78 -0.24 0.00	13.80 -0.59 0.00	17.66 -0.74 0.00	18.66 -0.74 0.00	18.28 -0.66 0.00	19.18 -0.72 0.00	20.00 -0.73 0.00	20.36 -0.72 0.00	20.28 -0.69 0.00	21.39 -0.82 0.00	22.42 -1.01 0.00	25.18 -1.13 0.00	20.68 -0.97 0.00	17.99 -0.85 0.00	17.67 -0.89 0.00	15.03 -0.69 0.00	12.69 -0.54 0.00	10.96 -0.52 0.00
ALLEGHENY___COGEN 23514	18.37 0.55 -5.84	17.31 0.51 -5.10	16.68 0.44 -4.97	16.71 0.43 -5.02	16.63 0.42 -5.04	17.13 0.46 -5.42	16.34 0.37 -6.95	20.90 0.59 -5.91	24.33 0.59 -5.35	24.93 0.70 -4.84	24.45 0.64 -4.85	24.75 0.74 -4.12	24.86 0.68 -3.45	24.95 0.69 -3.18	24.85 0.69 -3.19	25.93 0.82 -2.90	29.62 0.96 -5.22	34.06 1.21 -6.54	28.30 1.15 -5.50	25.01 0.85 -5.33	23.81 0.85 -4.39	21.03 0.66 -4.65	18.20 0.37 -4.60	16.73 0.48 -4.77
ALTONA_WT_PWR 323606	11.83 -0.16 0.00	11.54 -0.15 0.00	11.16 -0.11 0.00	11.16 -0.10 0.00	11.08 -0.09 0.00	11.15 -0.10 0.00	8.96 -0.06 0.00	14.19 -0.20 0.00	18.15 -0.24 0.00	19.14 -0.25 0.00	18.78 -0.17 0.00	19.72 -0.18 0.00	20.56 -0.17 0.00	20.95 -0.13 0.00	20.89 -0.08 0.00	22.01 -0.20 0.00	23.03 -0.40 0.00	25.89 -0.42 0.00	21.26 -0.39 0.00	18.48 -0.36 0.00	18.08 -0.48 0.00	15.38 -0.35 0.00	12.97 -0.26 0.00	11.18 -0.30 0.00
AMERICAN_REF_FUEL 24010	16.86 -0.47 -5.34	15.93 -0.43 -4.66	15.35 -0.47 -4.54	15.35 -0.51 -4.59	15.26 -0.51 -4.61	15.74 -0.47 -4.96	14.92 -0.45 -6.35	18.88 -0.76 -5.25	21.80 -1.34 -4.75	22.36 -1.28 -4.25	21.78 -1.42 -4.26	21.96 -1.55 -3.61	22.11 -1.64 -3.03	22.18 -1.69 -2.79	22.09 -1.68 -2.80	23.06 -1.69 -2.54	26.54 -1.66 -4.78	30.24 -2.05 -5.98	25.32 -1.36 -5.03	22.58 -1.13 -4.87	21.47 -1.11 -4.02	18.97 -1.01 -4.25	16.47 -0.97 -4.20	15.35 -0.49 -4.37
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.99 -0.01 -6.02	16.97 0.01 -5.26	16.35 -0.04 -5.12	16.36 -0.08 -5.17	16.29 -0.08 -5.19	16.81 -0.03 -5.59	16.14 -0.04 -7.16	20.19 -0.09 -5.88	23.32 -0.39 -5.32	23.84 -0.29 -4.73	23.26 -0.44 -4.75	23.47 -0.46 -4.03	23.66 -0.44 -3.38	23.74 -0.44 -3.11	23.67 -0.42 -3.12	24.69 -0.36 -2.83	28.65 -0.16 -5.39	32.66 -0.39 -6.74	27.26 -0.06 -5.67	24.24 -0.09 -5.50	22.98 -0.11 -4.53	20.33 -0.19 -4.79	17.67 -0.30 -4.74	16.41 0.01 -4.92
ARTHUR_KILL_GT_1 23520	46.41 1.11 -33.31	41.88 1.09 -29.09	40.64 1.02 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.10 0.91 -30.94	49.43 0.77 -39.64	49.85 1.22 -34.23	51.09 1.75 -30.95	49.37 1.73 -28.25	48.93 1.65 -28.34	45.82 1.87 -24.05	42.79 1.91 -20.16	41.64 2.02 -18.54	41.62 2.01 -18.64	41.32 2.20 -16.91	55.81 2.55 -29.82	66.50 2.84 -37.35	55.45 2.38 -31.42	51.38 2.11 -30.44	45.57 1.93 -25.08	43.85 1.60 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
ARTHUR_KILL_2 23512	46.38 1.08 -33.31	41.84 1.05 -29.09	40.60 0.98 -28.35	40.86 0.97 -28.63	40.87 0.96 -28.74	43.06 0.88 -30.94	49.40 0.74 -39.64	49.81 1.18 -34.23	51.04 1.69 -30.95	49.32 1.67 -28.25	48.90 1.61 -28.34	45.76 1.81 -24.05	42.75 1.87 -20.16	41.58 1.96 -18.54	41.56 1.95 -18.64	41.27 2.15 -16.91	55.74 2.48 -29.82	66.42 2.76 -37.35	55.39 2.32 -31.42	51.32 2.05 -30.44	45.52 1.87 -25.08	43.81 1.56 -26.52	40.74 1.28 -26.22	39.78 1.07 -27.24
ARTHUR_KILL_3 23513	46.29 0.99 -33.31	41.76 0.97 -29.09	40.54 0.92 -28.35	40.81 0.92 -28.63	40.81 0.90 -28.73	43.06 0.88 -30.93	49.41 0.75 -39.64	49.87 1.25 -34.23	51.15 1.80 -30.95	49.47 1.82 -28.25	49.01 1.72 -28.34	45.84 1.89 -24.05	42.83 1.95 -20.16	41.64 2.02 -18.54	41.62 2.01 -18.64	41.32 2.20 -16.91	55.67 2.41 -29.82	66.29 2.63 -37.35	55.30 2.23 -31.41	51.27 2.00 -30.44	45.50 1.86 -25.08	43.74 1.49 -26.52	40.65 1.19 -26.22	39.71 1.00 -27.24
ARTHUR_KILL_COGEN 323718	46.41 1.11 -33.31	41.88 1.09 -29.09	40.64 1.02 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.10 0.91 -30.94	49.43 0.77 -39.64	49.85 1.22 -34.23	51.09 1.75 -30.95	49.37 1.73 -28.25	48.93 1.65 -28.34	45.82 1.87 -24.05	42.79 1.91 -20.16	41.64 2.02 -18.54	41.62 2.01 -18.64	41.32 2.20 -16.91	55.81 2.55 -29.82	66.50 2.84 -37.35	55.45 2.38 -31.42	51.38 2.11 -30.44	45.57 1.93 -25.08	43.85 1.60 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
ASHOKAN____ 23654	48.36 0.76 -35.62	43.48 0.68 -31.11	42.28 0.70 -30.31	42.57 0.70 -30.61	42.58 0.68 -30.72	45.00 0.68 -33.07	51.99 0.59 -42.38	52.03 1.04 -36.59	53.08 1.60 -33.09	51.29 1.69 -30.20	50.87 1.63 -30.29	47.14 1.53 -25.72	43.85 1.57 -21.55	42.54 1.65 -19.82	42.51 1.61 -19.92	42.11 1.82 -18.07	57.42 2.11 -31.88	68.96 2.74 -39.92	57.40 2.17 -33.58	53.10 1.73 -32.53	47.04 1.67 -26.81	45.19 1.12 -28.35	42.04 0.77 -28.04	41.28 0.68 -29.12
ASTORIA_EAST_ENERGY_CC1 323581	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_EAST_ENERGY_CC2 323582	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT2_I 24094	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24

ASTORIA_GT2_2 24095	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT2_3 24096	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT2_4 24097	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT3_1 24098	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT3_2 24099	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT3_3 24100	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT3_4 24101	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT4_1 24102	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT4_2 24103	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT4_3 24104	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT4_4 24105	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA_GT_1 23523	46.44 1.14 -33.31	41.91 1.12 -29.09	40.65 1.03 -28.35	40.90 1.01 -28.63	40.91 1.01 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.83 1.21 -34.22	51.12 1.78 -30.94	49.42 1.78 -28.24	48.98 1.71 -28.33	45.83 1.89 -24.05	42.82 1.95 -20.15	41.65 2.04 -18.53	41.63 2.03 -18.63	41.31 2.20 -16.90	55.71 2.46 -29.82	66.36 2.71 -37.34	55.33 2.27 -31.41	51.28 2.02 -30.43	45.51 1.87 -25.07	43.85 1.60 -26.52	40.79 1.34 -26.22	39.84 1.13 -27.24
ASTORIA_GT_10 24110	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
ASTORIA_GT_11 24225	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
ASTORIA_GT_12 24226	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24

ASTORIA_GT_13 24227	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
ASTORIA_GT_5 24106	46.44 1.14 -33.31	41.91 1.12 -29.09	40.65 1.03 -28.35	40.90 1.01 -28.63	40.91 1.01 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.83 1.21 -34.22	51.12 1.78 -30.94	49.42 1.78 -28.24	48.98 1.71 -28.33	45.83 1.89 -24.05	42.82 1.95 -20.15	41.65 2.04 -18.53	41.63 2.03 -18.63	41.31 2.20 -16.90	55.71 2.46 -29.82	66.36 2.71 -37.34	55.33 2.27 -31.41	51.28 2.02 -30.43	45.51 1.87 -25.07	43.85 1.60 -26.52	40.79 1.34 -26.22	39.84 1.13 -27.24
ASTORIA_GT_7 24107	46.44 1.14 -33.31	41.91 1.12 -29.09	40.65 1.03 -28.35	40.90 1.01 -28.63	40.91 1.01 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.83 1.21 -34.22	51.12 1.78 -30.94	49.42 1.78 -28.24	48.98 1.71 -28.33	45.83 1.89 -24.05	42.82 1.95 -20.15	41.65 2.04 -18.53	41.63 2.03 -18.63	41.31 2.20 -16.90	55.71 2.46 -29.82	66.36 2.71 -37.34	55.33 2.27 -31.41	51.28 2.02 -30.43	45.51 1.87 -25.07	43.85 1.60 -26.52	40.79 1.34 -26.22	39.84 1.13 -27.24
ASTORIA_GT_8 24108	46.44 1.14 -33.31	41.91 1.12 -29.09	40.65 1.03 -28.35	40.90 1.01 -28.63	40.91 1.01 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.83 1.21 -34.22	51.12 1.78 -30.94	49.42 1.78 -28.24	48.98 1.71 -28.33	45.83 1.89 -24.05	42.82 1.95 -20.15	41.65 2.04 -18.53	41.63 2.03 -18.63	41.31 2.20 -16.90	55.71 2.46 -29.82	66.36 2.71 -37.34	55.33 2.27 -31.41	51.28 2.02 -30.43	45.51 1.87 -25.07	43.85 1.60 -26.52	40.79 1.34 -26.22	39.84 1.13 -27.24
ASTORIA___2 24149	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.09 0.90 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
ASTORIA___3 23516	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
ASTORIA___4 23517	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
ASTORIA___5 23518	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
AST_ENERGY_2_CC3 323677	46.33 1.03 -33.31	41.81 1.02 -29.09	40.58 0.96 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.43 0.77 -39.64	49.90 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.06 1.78 -28.34	45.88 1.93 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.30 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
AST_ENERGY_2_CC4 323678	46.33 1.03 -33.31	41.81 1.02 -29.09	40.58 0.96 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.43 0.77 -39.64	49.90 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.06 1.78 -28.34	45.88 1.93 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.30 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
ATHENS_STG_1 23668	49.90 0.69 -37.22	44.88 0.68 -32.50	43.60 0.65 -31.67	43.90 0.65 -31.98	43.92 0.65 -32.11	46.45 0.64 -34.56	53.82 0.51 -44.29	53.47 0.83 -38.24	54.15 1.18 -34.58	52.20 1.24 -31.56	51.78 1.18 -31.66	48.02 1.25 -26.87	44.55 1.31 -22.52	43.14 1.35 -20.71	43.13 1.34 -20.82	42.54 1.44 -18.89	58.29 1.55 -33.31	69.75 1.74 -41.71	58.19 1.45 -35.08	54.09 1.26 -33.99	47.78 1.21 -28.01	46.34 0.99 -29.62	43.33 0.79 -29.30	42.59 0.68 -30.43
ATHENS_STG_2 23670	49.90 0.69 -37.22	44.88 0.68 -32.50	43.60 0.65 -31.67	43.90 0.65 -31.98	43.92 0.65 -32.11	46.45 0.64 -34.56	53.82 0.51 -44.29	53.47 0.83 -38.24	54.15 1.18 -34.58	52.20 1.24 -31.56	51.78 1.18 -31.66	48.02 1.25 -26.87	44.55 1.31 -22.52	43.14 1.35 -20.71	43.13 1.34 -20.82	42.54 1.44 -18.89	58.29 1.55 -33.31	69.75 1.74 -41.71	58.19 1.45 -35.08	54.09 1.26 -33.99	47.78 1.21 -28.01	46.34 0.99 -29.62	43.33 0.79 -29.30	42.59 0.68 -30.43
ATHENS_STG_3 23677	49.90 0.69 -37.22	44.88 0.68 -32.50	43.60 0.65 -31.67	43.90 0.65 -31.98	43.92 0.65 -32.11	46.45 0.64 -34.56	53.82 0.51 -44.29	53.47 0.83 -38.24	54.15 1.18 -34.58	52.20 1.24 -31.56	51.78 1.18 -31.66	48.02 1.25 -26.87	44.55 1.31 -22.52	43.14 1.35 -20.71	43.13 1.34 -20.82	42.54 1.44 -18.89	58.29 1.55 -33.31	69.75 1.74 -41.71	58.19 1.45 -35.08	54.09 1.26 -33.99	47.78 1.21 -28.01	46.34 0.99 -29.62	43.33 0.79 -29.30	42.59 0.68 -30.43
AUBURN___LFGE 323710	16.43 0.20 -4.24	15.60 0.20 -3.70	15.04 0.16 -3.61	15.07 0.17 -3.64	14.96 0.13 -3.66	15.36 0.17 -3.94	14.20 0.14 -5.04	18.91 0.19 -4.33	22.51 0.20 -3.92	23.19 0.23 -3.56	22.71 0.19 -3.57	23.23 0.30 -3.03	23.58 0.31 -2.54	23.69 0.27 -2.34	23.59 0.27 -2.35	24.66 0.31 -2.13	27.51 0.28 -3.79	31.42 0.37 -4.75	25.99 0.35 -3.99	22.93 0.23 -3.87	22.03 0.28 -3.19	19.38 0.28 -3.37	16.75 0.19 -3.34	15.16 0.22 -3.46
BABYLON_RES_REC 323704	64.67 1.44 -51.24	55.69 1.39 -42.61	53.15 1.32 -40.56	52.36 1.31 -39.79	53.74 1.30 -41.28	52.38 1.28 -39.84	57.89 1.07 -47.80	55.74 1.74 -39.60	65.04 2.41 -44.23	63.80 2.48 -41.92	66.21 2.27 -44.99	65.66 2.47 -43.29	69.94 2.57 -46.65	71.93 2.68 -48.17	72.67 2.66 -49.03	73.89 2.91 -48.76	78.75 3.14 -52.18	95.58 3.55 -65.73	94.07 2.99 -69.43	84.75 2.60 -63.32	79.95 2.45 -58.93	77.21 1.98 -59.50	58.78 1.68 -43.87	54.67 1.45 -41.75

BARRETT_IC_1 23704	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_10 23701	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_11 23702	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_12 23703	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_2 23705	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_3 23706	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_4 23707	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_5 23708	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_6 23709	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_7 23710	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_8 23711	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT_IC_9 23700	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT___1 23545	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BARRETT___2 23546	64.46 1.23 -51.24	55.52 1.22 -42.61	53.00 1.16 -40.56	52.21 1.16 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.74 0.92 -47.80	55.52 1.53 -39.60	64.76 2.13 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.36 2.17 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.37 2.76 -52.18	94.90 2.87 -65.73	93.46 2.38 -69.43	84.30 2.15 -63.32	79.61 2.12 -58.93	76.96 1.73 -59.50	58.53 1.43 -43.87	54.46 1.23 -41.75
BAYONEEC___CTG1 323682	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24

BAYONEEC___CTG10 323750	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BAYONEEC___CTG2 323683	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BAYONEEC___CTG3 323684	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BAYONEEC___CTG4 323685	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BAYONEEC___CTG5 323686	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BAYONEEC___CTG6 323687	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BAYONEEC___CTG7 323688	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BAYONEEC___CTG8 323689	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BAYONEEC___CTG9 323749	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.44 0.78 -39.64	49.90 1.28 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.32 2.05 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
BEACON___LESR 323632	55.98 0.94 -43.06	50.20 0.90 -37.60	48.77 0.86 -36.64	49.12 0.86 -37.00	49.15 0.84 -37.14	52.11 0.88 -39.98	60.96 0.70 -51.24	59.66 1.04 -44.23	59.70 1.31 -40.00	57.28 1.38 -36.50	56.91 1.35 -36.61	52.33 1.35 -31.08	48.16 1.39 -26.05	46.42 1.39 -23.95	46.41 1.36 -24.08	45.48 1.42 -21.84	63.51 1.57 -38.51	76.33 1.79 -48.23	63.65 1.43 -40.57	59.38 1.24 -39.30	52.17 1.22 -32.39	51.05 1.07 -34.25	48.00 0.87 -33.90	47.44 0.76 -35.21
BEAVER RIVER___HYD 24048	12.89 0.22 -0.69	12.48 0.18 -0.60	12.04 0.18 -0.59	12.06 0.20 -0.59	11.97 0.20 -0.60	12.13 0.24 -0.64	10.01 0.17 -0.82	15.37 0.27 -0.71	19.53 0.50 -0.64	20.60 0.62 -0.58	20.23 0.70 -0.58	21.13 0.74 -0.49	21.86 0.72 -0.41	22.15 0.69 -0.38	21.96 0.61 -0.38	23.21 0.64 -0.35	24.80 0.75 -0.62	28.06 0.97 -0.77	22.76 0.46 -0.65	19.76 0.30 -0.63	19.40 0.32 -0.52	16.53 0.25 -0.55	13.95 0.17 -0.54	12.24 0.19 -0.57
BEEBEE_GT_13 23619	16.05 -0.08 -4.15	15.23 -0.09 -3.63	14.68 -0.12 -3.53	14.68 -0.15 -3.57	14.61 -0.15 -3.58	14.98 -0.12 -3.86	13.84 -0.12 -4.94	18.37 -0.17 -4.15	21.72 -0.42 -3.75	22.41 -0.37 -3.38	21.90 -0.44 -3.39	22.32 -0.46 -2.88	22.62 -0.52 -2.41	22.77 -0.53 -2.22	22.68 -0.52 -2.23	23.75 -0.49 -2.02	26.75 -0.40 -3.72	30.51 -0.45 -4.65	25.37 -0.20 -3.91	22.40 -0.23 -3.79	21.48 -0.20 -3.12	18.83 -0.20 -3.30	16.20 -0.30 -3.27	14.78 -0.09 -3.39
BETHLEHEM___GRP 23843	55.96 0.77 -43.21	50.18 0.75 -37.74	48.77 0.72 -36.77	49.12 0.72 -37.13	49.15 0.70 -37.28	52.11 0.73 -40.13	61.02 0.58 -51.42	59.56 0.78 -44.39	59.45 0.92 -40.14	56.98 0.95 -36.63	56.64 0.95 -36.75	52.04 0.95 -31.19	47.86 0.99 -26.14	46.11 0.99 -24.04	46.12 0.99 -24.17	45.16 1.02 -21.92	63.14 1.06 -38.65	75.90 1.18 -48.40	63.32 0.95 -40.71	59.13 0.85 -39.45	51.90 0.84 -32.50	50.90 0.80 -34.37	47.91 0.66 -34.02	47.37 0.56 -35.33
BETHLEHEM___GS1 323560	55.96 0.77 -43.21	50.18 0.75 -37.74	48.77 0.72 -36.77	49.12 0.72 -37.13	49.15 0.70 -37.28	52.11 0.73 -40.13	61.02 0.58 -51.42	59.56 0.78 -44.39	59.45 0.92 -40.14	56.98 0.95 -36.63	56.64 0.95 -36.75	52.04 0.95 -31.19	47.86 0.99 -26.14	46.11 0.99 -24.04	46.12 0.99 -24.17	45.16 1.02 -21.92	63.14 1.06 -38.65	75.90 1.18 -48.40	63.32 0.95 -40.71	59.13 0.85 -39.45	51.90 0.84 -32.50	50.90 0.80 -34.37	47.91 0.66 -34.02	47.37 0.56 -35.33
BETHLEHEM___GS2 323561	55.96 0.77 -43.21	50.18 0.75 -37.74	48.77 0.72 -36.77	49.12 0.72 -37.13	49.15 0.70 -37.28	52.11 0.73 -40.13	61.02 0.58 -51.42	59.56 0.78 -44.39	59.45 0.92 -40.14	56.98 0.95 -36.63	56.64 0.95 -36.75	52.04 0.95 -31.19	47.86 0.99 -26.14	46.11 0.99 -24.04	46.12 0.99 -24.17	45.16 1.02 -21.92	63.14 1.06 -38.65	75.90 1.18 -48.40	63.32 0.95 -40.71	59.13 0.85 -39.45	51.90 0.84 -32.50	50.90 0.80 -34.37	47.91 0.66 -34.02	47.37 0.56 -35.33

BETHLEHEM___GS3 323562	55.96 0.77 -43.21	50.18 0.75 -37.74	48.77 0.72 -36.77	49.12 0.72 -37.13	49.15 0.70 -37.28	52.11 0.73 -40.13	61.02 0.58 -51.42	59.56 0.78 -44.39	59.45 0.92 -40.14	56.98 0.95 -36.63	56.64 0.95 -36.75	52.04 0.95 -31.19	47.86 0.99 -26.14	46.11 0.99 -24.04	46.12 0.99 -24.17	45.16 1.02 -21.92	63.14 1.06 -38.65	75.90 1.18 -48.40	63.32 0.95 -40.71	59.13 0.85 -39.45	51.90 0.84 -32.50	50.90 0.80 -34.37	47.91 0.66 -34.02	47.37 0.56 -35.33
BETHLEHEM___STEEL 23779	17.67 -0.06 -5.74	16.67 -0.03 -5.01	16.07 -0.09 -4.88	16.06 -0.13 -4.93	15.98 -0.15 -4.95	16.48 -0.10 -5.33	15.72 -0.13 -6.83	19.81 -0.22 -5.63	22.89 -0.59 -5.09	23.45 -0.48 -4.54	22.86 -0.64 -4.56	23.03 -0.74 -3.87	23.20 -0.77 -3.24	23.26 -0.80 -2.98	23.17 -0.80 -3.00	24.18 -0.76 -2.72	27.96 -0.61 -5.13	31.89 -0.84 -6.43	26.65 -0.41 -5.41	23.74 -0.34 -5.24	22.53 -0.35 -4.32	19.91 -0.38 -4.57	17.32 -0.44 -4.52	16.10 -0.07 -4.69
BETHPAGE_CC_5 323564	64.52 1.29 -51.24	55.57 1.26 -42.61	53.03 1.19 -40.56	52.24 1.19 -39.79	53.62 1.17 -41.28	52.26 1.16 -39.84	57.77 0.96 -47.80	55.56 1.57 -39.60	64.85 2.22 -44.23	63.60 2.29 -41.92	66.02 2.08 -44.99	65.46 2.27 -43.29	69.73 2.36 -46.65	71.69 2.44 -48.17	72.43 2.43 -49.03	73.62 2.64 -48.76	78.49 2.88 -52.18	95.27 3.23 -65.73	93.79 2.71 -69.43	84.53 2.37 -63.32	79.74 2.25 -58.93	77.02 1.79 -59.50	58.62 1.52 -43.87	54.54 1.31 -41.75
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.80 0.00 -5.81	16.80 0.02 -5.08	16.19 -0.03 -4.95	16.19 -0.07 -5.00	16.11 -0.08 -5.01	16.62 -0.03 -5.40	15.86 -0.07 -6.92	19.97 -0.12 -5.69	23.08 -0.46 -5.14	23.63 -0.35 -4.59	23.04 -0.51 -4.60	23.20 -0.60 -3.90	23.37 -0.62 -3.27	23.43 -0.65 -3.01	23.34 -0.65 -3.02	24.38 -0.58 -2.74	28.23 -0.40 -5.20	32.19 -0.63 -6.51	26.89 -0.24 -5.48	23.93 -0.21 -5.31	22.71 -0.22 -4.37	20.08 -0.27 -4.62	17.45 -0.36 -4.58	16.22 -0.01 -4.75
BINGHAMTON___COGEN 23790	23.13 0.22 -10.92	21.46 0.22 -9.54	20.75 0.18 -9.30	20.83 0.18 -9.39	20.76 0.17 -9.42	21.59 0.19 -10.14	22.16 0.14 -13.00	26.02 0.32 -11.31	28.99 0.37 -10.22	29.16 0.41 -9.36	28.67 0.34 -9.38	28.20 0.34 -7.97	27.75 0.35 -6.68	27.55 0.34 -6.14	27.48 0.33 -6.17	28.21 0.40 -5.60	33.65 0.44 -9.78	39.08 0.53 -12.24	32.43 0.48 -10.30	29.21 0.40 -9.98	27.17 0.39 -8.22	24.69 0.27 -8.69	22.00 0.17 -8.60	20.64 0.23 -8.93
BLACK RIVER___HYD 24047	13.68 0.35 -1.34	13.15 0.28 -1.17	12.69 0.27 -1.14	12.71 0.29 -1.15	12.61 0.28 -1.16	12.84 0.34 -1.25	10.87 0.25 -1.60	16.24 0.47 -1.37	20.41 0.77 -1.24	21.42 0.89 -1.13	21.07 0.98 -1.13	21.89 1.03 -0.96	22.58 1.06 -0.81	22.83 1.01 -0.74	22.59 0.88 -0.74	23.87 0.98 -0.68	25.78 1.15 -1.20	29.34 1.53 -1.50	23.74 0.82 -1.27	20.66 0.60 -1.23	20.18 0.61 -1.01	17.27 0.47 -1.07	14.61 0.32 -1.06	12.92 0.34 -1.10
BLISS_WT_PWR 323608	18.28 0.16 -6.14	17.25 0.19 -5.36	16.61 0.11 -5.22	16.62 0.08 -5.28	16.53 0.07 -5.30	17.07 0.11 -5.70	16.39 0.06 -7.31	20.50 0.13 -5.98	23.69 -0.11 -5.41	24.22 0.02 -4.80	23.61 -0.15 -4.82	23.73 -0.26 -4.09	23.86 -0.29 -3.43	23.93 -0.30 -3.15	23.84 -0.29 -3.17	24.87 -0.22 -2.87	28.99 0.07 -5.49	33.13 -0.05 -6.88	27.61 0.17 -5.79	24.55 0.11 -5.61	23.29 0.11 -4.62	20.59 -0.02 -4.88	17.92 -0.15 -4.83	16.65 0.15 -5.02
BLUE_CIRC_CHEM_DRP 24182	55.03 0.73 -42.31	49.36 0.71 -36.95	47.97 0.69 -36.00	48.31 0.69 -36.36	48.35 0.68 -36.50	51.24 0.70 -39.29	59.92 0.55 -50.35	58.68 0.82 -43.47	58.75 1.05 -39.30	56.35 1.09 -35.87	55.99 1.06 -35.98	51.53 1.09 -30.54	47.46 1.14 -25.60	45.77 1.16 -23.54	45.76 1.13 -23.66	44.88 1.20 -21.47	62.55 1.26 -37.85	75.13 1.42 -47.40	62.69 1.17 -39.87	58.48 1.02 -38.63	51.39 1.00 -31.83	50.25 0.86 -33.66	47.24 0.70 -33.31	46.68 0.61 -34.60
BOC_GAS_DRP 24189	55.41 0.66 -42.77	49.69 0.64 -37.35	48.27 0.61 -36.39	48.62 0.61 -36.75	48.66 0.60 -36.89	51.57 0.61 -39.71	60.40 0.49 -50.89	59.08 0.75 -43.93	59.09 0.97 -39.73	56.68 1.03 -36.26	56.32 1.00 -36.37	51.80 1.03 -30.87	47.67 1.08 -25.87	45.94 1.07 -23.79	45.96 1.07 -23.92	45.04 1.13 -21.70	62.91 1.22 -38.26	75.56 1.34 -47.91	63.08 1.13 -40.30	58.86 0.98 -39.04	51.70 0.96 -32.17	50.57 0.82 -34.02	47.56 0.66 -33.67	47.02 0.57 -34.97
BORALEX_4TH_BRANCH 23824	56.98 0.98 -44.01	51.10 0.97 -38.44	49.65 0.92 -37.45	50.00 0.91 -37.82	50.05 0.92 -37.97	53.06 0.93 -40.87	62.11 0.71 -52.37	60.82 1.21 -45.21	60.91 1.64 -40.88	58.49 1.78 -37.31	58.12 1.74 -37.43	53.47 1.81 -31.77	49.21 1.87 -26.62	47.46 1.90 -24.48	47.45 1.87 -24.61	46.52 1.98 -22.33	64.93 2.15 -39.35	78.03 2.45 -49.28	65.14 2.03 -41.45	60.74 1.75 -40.16	53.36 1.71 -33.09	52.10 1.38 -34.99	49.00 1.12 -34.65	48.42 0.95 -35.99
BOWLINE___1 23526	45.26 0.84 -32.44	40.84 0.82 -28.33	39.66 0.79 -27.60	39.92 0.79 -27.87	39.92 0.77 -27.98	42.13 0.75 -30.12	48.24 0.62 -38.60	48.76 1.04 -33.33	50.04 1.51 -30.14	48.46 1.55 -27.51	48.02 1.48 -27.59	44.93 1.61 -23.42	42.01 1.66 -19.63	40.88 1.75 -18.05	40.84 1.72 -18.15	40.56 1.89 -16.46	54.51 2.04 -29.04	64.96 2.29 -36.36	54.15 1.91 -30.59	50.14 1.68 -29.64	44.56 1.58 -24.42	42.81 1.26 -25.82	39.76 0.99 -25.53	38.85 0.85 -26.52
BOWLINE___2 23595	45.25 0.84 -32.42	40.84 0.83 -28.32	39.65 0.79 -27.59	39.91 0.79 -27.86	39.92 0.78 -27.97	42.11 0.75 -30.11	48.23 0.63 -38.58	48.75 1.04 -33.32	50.05 1.53 -30.13	48.45 1.55 -27.50	48.01 1.48 -27.58	44.92 1.61 -23.41	42.02 1.68 -19.62	40.87 1.75 -18.04	40.85 1.74 -18.14	40.58 1.91 -16.46	54.50 2.04 -29.03	64.95 2.29 -36.35	54.16 1.93 -30.58	50.15 1.70 -29.62	44.57 1.60 -24.41	42.81 1.27 -25.81	39.76 1.01 -25.52	38.84 0.85 -26.51
BROOKHAVEN___DRP 24191	64.80 1.57 -51.24	55.84 1.53 -42.61	53.27 1.43 -40.56	52.48 1.43 -39.79	53.87 1.42 -41.28	52.50 1.41 -39.84	58.00 1.18 -47.80	55.91 1.91 -39.60	65.24 2.61 -44.23	63.99 2.68 -41.92	66.38 2.45 -44.99	65.80 2.61 -43.29	70.08 2.71 -46.65	72.07 2.83 -48.17	72.81 2.81 -49.03	74.06 3.09 -48.76	79.03 3.42 -52.18	96.03 4.00 -65.73	94.41 3.33 -69.43	85.05 2.90 -63.32	80.19 2.69 -58.93	77.35 2.12 -59.50	58.89 1.79 -43.87	54.80 1.57 -41.75
BROOKLYN_NAVY_YARD 23515	46.31 1.02 -33.31	41.79 1.01 -29.09	40.57 0.95 -28.35	40.83 0.95 -28.63	40.83 0.93 -28.73	43.09 0.90 -30.93	49.43 0.77 -39.64	49.90 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.01 1.72 -28.34	45.86 1.91 -24.05	42.85 1.97 -20.16	41.68 2.07 -18.54	41.64 2.03 -18.64	41.34 2.22 -16.91	55.71 2.46 -29.82	66.34 2.68 -37.35	55.34 2.27 -31.41	51.30 2.03 -30.44	45.53 1.89 -25.08	43.77 1.53 -26.52	40.70 1.24 -26.22	39.75 1.03 -27.24
BROOKLYN___ARMY_DRP 323595	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24

BROOME_2_LFGE 323671	23.13 0.22 -10.92	21.46 0.22 -9.54	20.75 0.18 -9.30	20.83 0.18 -9.39	20.76 0.17 -9.42	21.59 0.19 -10.14	22.16 0.14 -13.00	26.02 0.32 -11.31	28.99 0.37 -10.22	29.16 0.41 -9.36	28.67 0.34 -9.38	28.20 0.34 -7.97	27.75 0.35 -6.68	27.55 0.34 -6.14	27.48 0.33 -6.17	28.21 0.40 -5.60	33.65 0.44 -9.78	39.08 0.53 -12.24	32.43 0.48 -10.30	29.21 0.40 -9.98	27.17 0.39 -8.22	24.69 0.27 -8.69	22.00 0.17 -8.60	20.64 0.23 -8.93
BROOME___LFGE 323600	23.13 0.22 -10.92	21.46 0.22 -9.54	20.75 0.18 -9.30	20.83 0.18 -9.39	20.76 0.17 -9.42	21.59 0.19 -10.14	22.16 0.14 -13.00	26.02 0.32 -11.31	28.99 0.37 -10.22	29.16 0.41 -9.36	28.67 0.34 -9.38	28.20 0.34 -7.97	27.75 0.35 -6.68	27.55 0.34 -6.14	27.48 0.33 -6.17	28.21 0.40 -5.60	33.65 0.44 -9.78	39.08 0.53 -12.24	32.43 0.48 -10.30	29.21 0.40 -9.98	27.17 0.39 -8.22	24.69 0.27 -8.69	22.00 0.17 -8.60	20.64 0.23 -8.93
BURROWS___LYONSDAL 23803	12.27 0.29 0.00	11.95 0.26 0.00	11.52 0.25 0.00	11.52 0.26 0.00	11.42 0.25 0.00	11.53 0.28 0.00	9.24 0.22 0.00	14.81 0.42 0.00	19.04 0.64 0.00	20.13 0.74 0.00	19.73 0.78 0.00	20.67 0.78 0.00	21.51 0.79 0.00	21.84 0.76 0.00	21.66 0.69 0.00	22.97 0.76 0.00	24.32 0.89 0.00	27.44 1.13 0.00	22.33 0.67 0.00	19.34 0.51 0.00	19.08 0.52 0.00	16.10 0.38 0.00	13.50 0.26 0.00	11.76 0.29 0.00
CAITHNESS_CC_1 323624	64.76 1.53 -51.24	55.80 1.50 -42.61	53.23 1.40 -40.56	52.45 1.40 -39.79	53.83 1.38 -41.28	52.47 1.37 -39.84	57.97 1.15 -47.80	55.85 1.86 -39.60	65.17 2.54 -44.23	63.91 2.60 -41.92	66.32 2.39 -44.99	65.74 2.55 -43.29	70.02 2.65 -46.65	72.01 2.76 -48.17	72.73 2.72 -49.03	73.97 3.00 -48.76	78.93 3.33 -52.18	95.90 3.87 -65.73	94.31 3.23 -69.43	84.96 2.81 -63.32	80.09 2.60 -58.93	77.28 2.06 -59.50	58.85 1.75 -43.87	54.77 1.54 -41.75
CALPINE BETH_PAGE_GT4 24209	64.50 1.27 -51.24	55.54 1.24 -42.61	53.01 1.17 -40.56	52.21 1.16 -39.79	53.60 1.15 -41.28	52.22 1.12 -39.84	57.75 0.94 -47.80	55.54 1.54 -39.60	64.81 2.19 -44.23	63.56 2.25 -41.92	66.00 2.07 -44.99	65.44 2.25 -43.29	69.69 2.32 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.47 2.86 -52.18	95.24 3.21 -65.73	93.76 2.68 -69.43	84.51 2.35 -63.32	79.70 2.21 -58.93	77.00 1.78 -59.50	58.60 1.49 -43.87	54.50 1.27 -41.75
CALPINE_BETH_PAGE_GT_4 323586	64.50 1.27 -51.24	55.54 1.24 -42.61	53.01 1.17 -40.56	52.21 1.16 -39.79	53.60 1.15 -41.28	52.22 1.12 -39.84	57.75 0.94 -47.80	55.54 1.54 -39.60	64.81 2.19 -44.23	63.56 2.25 -41.92	66.00 2.07 -44.99	65.44 2.25 -43.29	69.69 2.32 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.47 2.86 -52.18	95.24 3.21 -65.73	93.76 2.68 -69.43	84.51 2.35 -63.32	79.70 2.21 -58.93	77.00 1.78 -59.50	58.60 1.49 -43.87	54.50 1.27 -41.75
CALPINE_BP_GT1 23823	64.50 1.27 -51.24	55.54 1.24 -42.61	53.01 1.17 -40.56	52.21 1.16 -39.79	53.60 1.15 -41.28	52.22 1.12 -39.84	57.75 0.94 -47.80	55.54 1.54 -39.60	64.81 2.19 -44.23	63.56 2.25 -41.92	66.00 2.07 -44.99	65.44 2.25 -43.29	69.69 2.32 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.47 2.86 -52.18	95.24 3.21 -65.73	93.76 2.68 -69.43	84.51 2.35 -63.32	79.70 2.21 -58.93	77.00 1.78 -59.50	58.60 1.49 -43.87	54.50 1.27 -41.75
CALSPAN___DRP 24200	17.67 -0.06 -5.74	16.67 -0.03 -5.01	16.07 -0.09 -4.88	16.06 -0.13 -4.93	15.98 -0.15 -4.95	16.48 -0.10 -5.33	15.72 -0.13 -6.83	19.81 -0.22 -5.63	22.89 -0.59 -5.09	23.45 -0.48 -4.54	22.86 -0.64 -4.56	23.03 -0.74 -3.87	23.20 -0.77 -3.24	23.26 -0.80 -2.98	23.17 -0.80 -3.00	24.18 -0.76 -2.72	27.96 -0.61 -5.13	31.89 -0.84 -6.43	26.65 -0.41 -5.41	23.74 -0.34 -5.24	22.53 -0.35 -4.32	19.91 -0.38 -4.57	17.32 -0.44 -4.52	16.10 -0.07 -4.69
CANDIGU_WT_PWR 323617	19.68 0.14 -7.55	18.44 0.15 -6.59	17.80 0.10 -6.42	17.83 0.08 -6.49	17.76 0.08 -6.51	18.37 0.11 -7.01	18.06 0.06 -8.98	22.30 0.17 -7.73	25.44 0.06 -6.99	25.87 0.12 -6.36	25.35 0.02 -6.38	25.29 -0.02 -5.42	25.24 -0.02 -4.54	25.19 -0.06 -4.17	25.10 -0.06 -4.20	26.02 0.00 -3.81	30.26 0.07 -6.75	34.82 0.05 -8.46	28.98 0.22 -7.11	25.88 0.15 -6.89	24.41 0.17 -5.68	21.78 0.05 -6.01	19.11 -0.07 -5.94	17.79 0.14 -6.17
CARR STREET_E_SYR 24060	14.96 -0.02 -3.00	14.28 -0.03 -2.62	13.77 -0.06 -2.55	13.78 -0.06 -2.57	13.70 -0.06 -2.58	13.99 -0.04 -2.78	12.55 -0.04 -3.56	17.45 -0.01 -3.07	21.07 -0.09 -2.77	21.83 -0.10 -2.53	21.37 -0.11 -2.53	21.91 -0.14 -2.15	22.38 -0.14 -1.80	22.57 -0.17 -1.66	22.47 -0.17 -1.67	23.57 -0.15 -1.51	26.02 -0.09 -2.68	29.59 -0.08 -3.36	24.43 -0.04 -2.82	21.49 -0.08 -2.74	20.80 -0.02 -2.25	18.08 -0.03 -2.38	15.54 -0.05 -2.36	13.93 0.00 -2.45
CARTHAGE___PAPER 23857	13.32 0.24 -1.09	12.85 0.20 -0.95	12.41 0.20 -0.93	12.41 0.21 -0.94	12.32 0.21 -0.94	12.52 0.26 -1.01	10.52 0.20 -1.30	15.84 0.33 -1.11	19.99 0.59 -1.01	21.03 0.72 -0.92	20.68 0.81 -0.92	21.53 0.85 -0.78	22.23 0.85 -0.65	22.50 0.82 -0.60	22.29 0.71 -0.60	23.54 0.78 -0.55	25.32 0.91 -0.98	28.74 1.21 -1.22	23.29 0.61 -1.03	20.24 0.41 -1.00	19.79 0.41 -0.82	16.92 0.33 -0.87	14.30 0.21 -0.86	12.60 0.23 -0.89
CASSADAGA_WT_PWR 323784	18.16 0.12 -6.06	17.13 0.14 -5.29	16.51 0.08 -5.15	16.50 0.03 -5.21	16.43 0.03 -5.23	16.97 0.09 -5.62	16.27 0.05 -7.21	20.42 0.11 -5.91	23.61 -0.13 -5.35	24.15 0.00 -4.76	23.57 -0.15 -4.77	23.73 -0.22 -4.05	23.91 -0.21 -3.40	23.99 -0.21 -3.12	23.92 -0.19 -3.14	24.95 -0.11 -2.85	29.02 0.17 -5.42	33.09 0.00 -6.79	27.60 0.24 -5.71	24.51 0.15 -5.53	23.25 0.13 -4.56	20.53 -0.02 -4.82	17.84 -0.16 -4.77	16.56 0.13 -4.95
CE_DUNWOOD___DRP 24194	46.21 0.96 -33.27	41.68 0.94 -29.05	40.47 0.89 -28.31	40.74 0.89 -28.59	40.75 0.88 -28.70	43.00 0.85 -30.89	49.32 0.71 -39.59	49.74 1.17 -34.18	51.01 1.71 -30.91	49.35 1.75 -28.21	48.91 1.67 -28.30	45.73 1.81 -24.02	42.74 1.89 -20.13	41.55 1.96 -18.51	41.53 1.95 -18.61	41.21 2.11 -16.88	55.51 2.30 -29.78	66.15 2.55 -37.30	55.17 2.14 -31.37	51.11 1.88 -30.39	45.39 1.78 -25.04	43.64 1.43 -26.48	40.56 1.14 -26.19	39.64 0.96 -27.20
CE_MILLWOOD___DRP 24193	46.07 0.92 -33.16	41.56 0.90 -28.96	40.35 0.86 -28.22	40.63 0.87 -28.50	40.63 0.85 -28.61	42.87 0.82 -30.80	49.17 0.69 -39.47	49.60 1.12 -34.08	50.86 1.66 -30.81	49.21 1.69 -28.13	48.77 1.61 -28.21	45.59 1.75 -23.95	42.62 1.82 -20.07	41.43 1.90 -18.45	41.39 1.87 -18.55	41.09 2.04 -16.83	55.32 2.20 -29.69	65.96 2.47 -37.18	55.01 2.08 -31.28	50.96 1.83 -30.30	45.26 1.73 -24.97	43.52 1.38 -26.40	40.43 1.09 -26.11	39.52 0.93 -27.12
CE_NYC2_DRP 24202	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.12 0.93 -30.94	49.45 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24



CE_NYC_DRP 24195	46.34 1.04 -33.31	41.82 1.03 -29.09	40.59 0.97 -28.34	40.86 0.97 -28.62	40.85 0.95 -28.73	43.11 0.92 -30.93	49.43 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.91 2.03 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.76 2.51 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.41	51.32 2.05 -30.44	45.57 1.93 -25.08	43.80 1.56 -26.52	40.71 1.26 -26.22	39.77 1.06 -27.24
CHAFFEE___LFGE 323603	17.93 0.01 -5.93	16.90 0.02 -5.18	16.29 -0.03 -5.05	16.28 -0.08 -5.10	16.21 -0.08 -5.12	16.73 -0.03 -5.51	16.01 -0.07 -7.06	20.08 -0.12 -5.80	23.18 -0.46 -5.24	23.72 -0.35 -4.67	23.14 -0.49 -4.68	23.29 -0.58 -3.97	23.45 -0.60 -3.33	23.51 -0.63 -3.06	23.42 -0.63 -3.08	24.43 -0.58 -2.79	28.34 -0.40 -5.31	32.35 -0.60 -6.65	27.03 -0.22 -5.59	24.04 -0.21 -5.42	22.82 -0.20 -4.46	20.19 -0.25 -4.72	17.56 -0.34 -4.67	16.33 0.00 -4.85
CHATEAUG_WT_PWR 323614	11.76 -0.23 0.00	11.49 -0.21 0.00	11.11 -0.17 0.00	11.11 -0.16 0.00	11.02 -0.15 0.00	11.09 -0.16 0.00	8.90 -0.12 0.00	14.11 -0.29 0.00	18.04 -0.35 0.00	19.05 -0.35 0.00	18.66 -0.28 0.00	19.60 -0.30 0.00	20.43 -0.29 0.00	20.83 -0.25 0.00	20.76 -0.21 0.00	21.88 -0.33 0.00	22.92 -0.52 0.00	25.73 -0.58 0.00	21.16 -0.50 0.00	18.38 -0.45 0.00	17.99 -0.58 0.00	15.30 -0.42 0.00	12.90 -0.33 0.00	11.13 -0.34 0.00
CHAT_HIGH_FALL_HYD 323578	11.72 -0.26 0.00	11.45 -0.25 0.00	11.07 -0.20 0.00	11.07 -0.19 0.00	10.99 -0.18 0.00	11.06 -0.19 0.00	8.88 -0.14 0.00	14.08 -0.32 0.00	18.01 -0.39 0.00	19.01 -0.39 0.00	18.64 -0.30 0.00	19.58 -0.32 0.00	20.41 -0.31 0.00	20.78 -0.30 0.00	20.74 -0.23 0.00	21.84 -0.38 0.00	22.87 -0.56 0.00	25.68 -0.63 0.00	21.09 -0.56 0.00	18.34 -0.49 0.00	17.93 -0.63 0.00	15.25 -0.47 0.00	12.86 -0.37 0.00	11.08 -0.40 0.00
CHAUTAUQUA___LFGE 323629	17.97 0.05 -5.94	16.96 0.08 -5.18	16.34 0.01 -5.05	16.34 -0.02 -5.10	16.27 -0.02 -5.12	16.79 0.02 -5.51	16.07 -0.01 -7.06	20.17 -0.03 -5.80	23.33 -0.31 -5.25	23.86 -0.21 -4.68	23.26 -0.38 -4.69	23.46 -0.42 -3.98	23.64 -0.41 -3.34	23.70 -0.44 -3.07	23.63 -0.42 -3.08	24.65 -0.36 -2.80	28.58 -0.16 -5.31	32.61 -0.34 -6.65	27.23 -0.02 -5.59	24.20 -0.06 -5.42	22.95 -0.07 -4.47	20.31 -0.14 -4.72	17.65 -0.25 -4.67	16.39 0.06 -4.85
CH_MIDHUDSON___DRP 24192	48.39 0.96 -35.45	43.59 0.94 -30.96	42.34 0.90 -30.16	42.62 0.90 -30.46	42.64 0.89 -30.58	45.05 0.88 -32.92	51.92 0.72 -42.18	51.98 1.17 -36.42	53.04 1.71 -32.93	51.24 1.78 -30.06	50.78 1.69 -30.15	47.32 1.83 -25.59	44.08 1.91 -21.45	42.78 1.98 -19.72	42.75 1.95 -19.83	42.33 2.13 -17.99	57.43 2.27 -31.73	68.65 2.61 -39.73	57.22 2.14 -33.42	53.08 1.86 -32.38	47.03 1.78 -26.68	45.37 1.43 -28.22	42.25 1.11 -27.90	41.42 0.96 -28.98
CH_MISC_IPPS 23765	47.21 0.99 -34.23	42.55 0.96 -29.90	41.33 0.92 -29.13	41.62 0.93 -29.42	41.62 0.92 -29.53	43.94 0.90 -31.79	50.51 0.75 -40.74	50.78 1.21 -35.18	51.97 1.77 -31.81	50.29 1.86 -29.03	49.83 1.76 -29.12	46.52 1.91 -24.72	43.43 1.99 -20.72	42.19 2.07 -19.05	42.15 2.03 -19.15	41.81 2.22 -17.37	56.42 2.34 -30.65	67.39 2.71 -38.38	56.16 2.23 -32.28	52.05 1.94 -31.28	46.19 1.86 -25.77	44.44 1.46 -27.25	41.32 1.14 -26.95	40.46 0.99 -27.99
CH_RES_BVR_FALLS 23983	9.83 -0.16 2.00	9.78 -0.16 1.75	9.41 -0.16 1.70	9.38 -0.16 1.72	9.29 -0.16 1.73	9.21 -0.18 1.86	6.48 -0.15 2.38	12.08 -0.26 2.06	16.20 -0.33 1.86	17.37 -0.33 1.70	16.96 -0.28 1.70	18.13 -0.32 1.44	19.20 -0.31 1.21	19.67 -0.30 1.11	19.56 -0.29 1.12	20.87 -0.33 1.01	21.29 -0.35 1.79	23.67 -0.39 2.25	19.44 -0.32 1.89	16.70 -0.30 1.83	16.76 -0.30 1.51	13.88 -0.25 1.60	11.47 -0.19 1.58	9.67 -0.17 1.64
CH_RES_NIAGARA 23895	16.78 -0.50 -5.29	15.85 -0.47 -4.62	15.26 -0.52 -4.50	15.26 -0.55 -4.55	15.18 -0.56 -4.57	15.65 -0.52 -4.92	14.80 -0.51 -6.30	18.72 -0.88 -5.21	21.61 -1.49 -4.71	22.15 -1.46 -4.21	21.58 -1.59 -4.22	21.77 -1.71 -3.58	21.92 -1.80 -3.00	21.99 -1.86 -2.76	21.88 -1.87 -2.78	22.84 -1.89 -2.52	26.29 -1.88 -4.73	29.92 -2.32 -5.93	25.08 -1.56 -4.99	22.37 -1.30 -4.83	21.26 -1.28 -3.98	18.80 -1.13 -4.21	16.33 -1.07 -4.17	15.23 -0.57 -4.33
CH_RES_SYRACUSE 23985	15.38 0.01 -3.39	14.67 0.01 -2.96	14.15 -0.01 -2.88	14.16 -0.01 -2.91	14.07 -0.02 -2.92	14.39 -0.01 -3.15	13.04 -0.01 -4.03	17.93 0.07 -3.46	21.54 0.02 -3.13	22.27 0.02 -2.85	21.79 -0.02 -2.86	22.26 -0.06 -2.43	22.67 -0.08 -2.03	22.86 -0.08 -1.87	22.74 -0.10 -1.88	23.83 -0.09 -1.71	26.49 0.02 -3.03	30.18 0.08 -3.80	24.93 0.09 -3.19	21.95 0.02 -3.09	21.19 0.07 -2.55	18.45 0.03 -2.70	15.90 0.00 -2.67	14.29 0.05 -2.77
CLINTON_WT_PWR 323605	11.76 -0.23 0.00	11.49 -0.21 0.00	11.11 -0.17 0.00	11.11 -0.16 0.00	11.02 -0.15 0.00	11.09 -0.16 0.00	8.90 -0.12 0.00	14.11 -0.29 0.00	18.04 -0.35 0.00	19.05 -0.35 0.00	18.66 -0.28 0.00	19.60 -0.30 0.00	20.43 -0.29 0.00	20.83 -0.25 0.00	20.76 -0.21 0.00	21.88 -0.33 0.00	22.92 -0.52 0.00	25.73 -0.58 0.00	21.16 -0.50 0.00	18.38 -0.45 0.00	17.99 -0.58 0.00	15.30 -0.42 0.00	12.90 -0.33 0.00	11.13 -0.34 0.00
CLINTON___LFGE 323618	11.90 -0.08 0.00	11.63 -0.07 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.15 -0.02 0.00	11.23 -0.02 0.00	9.01 -0.01 0.00	14.31 -0.09 0.00	18.28 -0.11 0.00	19.30 -0.10 0.00	18.93 -0.02 0.00	19.86 -0.04 0.00	20.70 -0.02 0.00	21.12 0.04 0.00	21.07 0.11 0.00	22.19 -0.02 0.00	23.22 -0.21 0.00	26.15 -0.16 0.00	21.50 -0.15 0.00	18.68 -0.15 0.00	18.21 -0.35 0.00	15.51 -0.22 0.00	13.05 -0.19 0.00	11.25 -0.23 0.00
COLONIE_LFGE___ 323577	57.93 0.94 -45.01	51.92 0.91 -39.31	50.43 0.86 -38.30	50.80 0.86 -38.68	50.84 0.85 -38.83	53.93 0.88 -41.80	63.26 0.69 -53.56	61.74 1.11 -46.24	61.67 1.47 -41.81	59.14 1.59 -38.16	58.79 1.57 -38.27	53.98 1.59 -32.49	49.59 1.64 -27.23	47.76 1.65 -25.04	47.75 1.61 -25.17	46.76 1.71 -22.83	65.56 1.88 -40.25	78.82 2.11 -50.41	65.78 1.73 -42.40	61.40 1.49 -41.08	53.86 1.45 -33.85	52.72 1.19 -35.80	49.63 0.97 -35.43	49.11 0.83 -36.80
COPENHAGEN_WT_PWR 323753	13.75 0.30 -1.47	13.22 0.25 -1.28	12.76 0.24 -1.25	12.77 0.25 -1.26	12.67 0.23 -1.27	12.91 0.29 -1.36	10.98 0.22 -1.75	16.31 0.42 -1.50	20.43 0.68 -1.36	21.41 0.78 -1.23	21.06 0.87 -1.24	21.86 0.92 -1.05	22.51 0.91 -0.88	22.77 0.89 -0.81	22.54 0.75 -0.81	23.80 0.84 -0.74	25.75 1.01 -1.31	29.29 1.34 -1.64	23.75 0.71 -1.38	20.68 0.51 -1.34	20.18 0.52 -1.10	17.30 0.41 -1.17	14.67 0.28 -1.15	12.97 0.30 -1.20
CORNELL____ 23752	19.71 0.32 -7.40	18.46 0.30 -6.46	17.83 0.26 -6.30	17.88 0.26 -6.36	17.79 0.23 -6.39	18.39 0.27 -6.87	18.04 0.22 -8.81	22.47 0.45 -7.63	25.85 0.55 -6.90	26.30 0.60 -6.31	25.84 0.57 -6.33	25.82 0.56 -5.37	25.78 0.56 -4.50	25.74 0.53 -4.14	25.65 0.52 -4.16	26.59 0.60 -3.77	30.76 0.70 -6.62	35.47 0.87 -8.30	29.34 0.71 -6.98	26.14 0.55 -6.76	24.71 0.58 -5.57	22.03 0.41 -5.89	19.35 0.29 -5.83	17.85 0.32 -6.05

COXSACKIE___GT 23611	49.61 1.09 -36.54	44.62 1.02 -31.91	43.38 1.02 -31.09	43.67 1.01 -31.40	43.69 1.01 -31.52	46.19 1.01 -33.93	53.32 0.83 -43.48	53.17 1.24 -37.54	54.10 1.77 -33.94	52.18 1.80 -30.98	51.82 1.80 -31.07	48.26 1.99 -26.38	44.88 2.05 -22.11	43.51 2.11 -20.33	43.48 2.08 -20.44	43.02 2.27 -18.54	58.40 2.27 -32.70	70.01 2.76 -40.95	58.33 2.23 -34.44	54.05 1.85 -33.37	47.84 1.78 -27.49	46.28 1.48 -29.08	43.12 1.12 -28.76	42.34 0.99 -29.87
CPV_VALLEY___CC1 323721	41.79 0.66 -29.14	37.80 0.65 -25.45	36.69 0.62 -24.80	36.94 0.63 -25.04	36.92 0.61 -25.14	38.91 0.60 -27.06	44.19 0.49 -34.68	45.15 0.81 -29.95	46.67 1.19 -27.08	45.34 1.22 -24.72	44.90 1.16 -24.80	42.20 1.25 -21.05	39.67 1.31 -17.64	38.69 1.39 -16.22	38.66 1.38 -16.31	38.52 1.51 -14.79	51.12 1.59 -26.09	60.79 1.81 -32.67	50.65 1.52 -27.48	46.78 1.32 -26.63	41.74 1.24 -21.94	39.92 0.99 -23.20	36.97 0.79 -22.94	35.98 0.68 -23.83
CPV_VALLEY___CC2 323722	41.79 0.66 -29.14	37.80 0.65 -25.45	36.69 0.62 -24.80	36.94 0.63 -25.04	36.92 0.61 -25.14	38.91 0.60 -27.06	44.19 0.49 -34.68	45.15 0.81 -29.95	46.67 1.19 -27.08	45.34 1.22 -24.72	44.90 1.16 -24.80	42.20 1.25 -21.05	39.67 1.31 -17.64	38.69 1.39 -16.22	38.66 1.38 -16.31	38.52 1.51 -14.79	51.12 1.59 -26.09	60.79 1.81 -32.67	50.65 1.52 -27.48	46.78 1.32 -26.63	41.74 1.24 -21.94	39.92 0.99 -23.20	36.97 0.79 -22.94	35.98 0.68 -23.83
CRESCENT___HYD 24018	57.93 0.94 -45.01	51.92 0.91 -39.31	50.43 0.86 -38.30	50.80 0.86 -38.68	50.84 0.85 -38.83	53.93 0.88 -41.80	63.26 0.69 -53.56	61.74 1.11 -46.24	61.67 1.47 -41.81	59.14 1.59 -38.16	58.79 1.57 -38.27	53.98 1.59 -32.49	49.59 1.64 -27.23	47.76 1.65 -25.04	47.75 1.61 -25.17	46.76 1.71 -22.83	65.56 1.88 -40.25	78.82 2.11 -50.41	65.78 1.73 -42.40	61.40 1.49 -41.08	53.86 1.45 -33.85	52.72 1.19 -35.80	49.63 0.97 -35.43	49.11 0.83 -36.80
CRICKET___VALLEY_CC1 323756	48.09 0.89 -35.22	43.33 0.88 -30.76	42.09 0.85 -29.97	42.37 0.85 -30.26	42.37 0.83 -30.38	44.77 0.82 -32.70	51.58 0.66 -41.91	51.67 1.09 -36.18	52.67 1.56 -32.72	50.89 1.63 -29.86	50.46 1.55 -29.95	47.01 1.69 -25.43	43.79 1.76 -21.31	42.49 1.81 -19.59	42.47 1.80 -19.70	42.06 1.98 -17.87	57.08 2.11 -31.54	68.17 2.37 -39.49	56.84 1.97 -33.22	52.75 1.73 -32.19	46.73 1.65 -26.52	45.11 1.34 -28.05	42.03 1.07 -27.72	41.19 0.92 -28.79
CRICKET___VALLEY_CC2 323757	48.09 0.89 -35.22	43.33 0.88 -30.76	42.09 0.85 -29.97	42.37 0.85 -30.26	42.37 0.83 -30.38	44.77 0.82 -32.70	51.58 0.66 -41.91	51.67 1.09 -36.18	52.67 1.56 -32.72	50.89 1.63 -29.86	50.46 1.55 -29.95	47.01 1.69 -25.43	43.79 1.76 -21.31	42.49 1.81 -19.59	42.47 1.80 -19.70	42.06 1.98 -17.87	57.08 2.11 -31.54	68.17 2.37 -39.49	56.84 1.97 -33.22	52.75 1.73 -32.19	46.73 1.65 -26.52	45.11 1.34 -28.05	42.03 1.07 -27.72	41.19 0.92 -28.79
CRICKET___VALLEY_CC3 323758	48.09 0.89 -35.22	43.33 0.88 -30.76	42.09 0.85 -29.97	42.37 0.85 -30.26	42.37 0.83 -30.38	44.77 0.82 -32.70	51.58 0.66 -41.91	51.67 1.09 -36.18	52.67 1.56 -32.72	50.89 1.63 -29.86	50.46 1.55 -29.95	47.01 1.69 -25.43	43.79 1.76 -21.31	42.49 1.81 -19.59	42.47 1.80 -19.70	42.06 1.98 -17.87	57.08 2.11 -31.54	68.17 2.37 -39.49	56.84 1.97 -33.22	52.75 1.73 -32.19	46.73 1.65 -26.52	45.11 1.34 -28.05	42.03 1.07 -27.72	41.19 0.92 -28.79
CRUCIBLE_METL_DRP 24180	15.38 0.01 -3.39	14.67 0.01 -2.96	14.15 -0.01 -2.88	14.16 -0.01 -2.91	14.07 -0.02 -2.92	14.39 -0.01 -3.15	13.04 -0.01 -4.03	17.93 0.07 -3.46	21.54 0.02 -3.13	22.27 0.02 -2.85	21.79 -0.02 -2.86	22.26 -0.06 -2.43	22.67 -0.08 -2.03	22.86 -0.08 -1.87	22.74 -0.10 -1.88	23.83 -0.09 -1.71	26.49 0.02 -3.03	30.18 0.08 -3.80	24.93 0.09 -3.19	21.95 0.02 -3.09	21.19 0.07 -2.55	18.45 0.03 -2.70	15.90 0.00 -2.67	14.29 0.05 -2.77
DAHOWA___HYDRO 323763	59.19 1.19 -46.02	53.02 1.13 -40.19	51.50 1.07 -39.16	51.89 1.08 -39.54	51.93 1.06 -39.69	55.11 1.12 -42.73	64.67 0.89 -54.76	63.13 1.47 -47.27	63.12 1.99 -42.74	60.56 2.15 -39.01	60.20 2.12 -39.13	55.24 2.13 -33.21	50.73 2.18 -27.83	48.84 2.17 -25.60	48.82 2.12 -25.73	47.80 2.24 -23.34	67.14 2.55 -41.15	80.74 2.89 -51.54	67.32 2.32 -43.35	62.77 1.94 -42.00	55.04 1.87 -34.61	53.85 1.53 -36.60	50.66 1.20 -36.23	50.11 1.01 -37.63
DANC___LFGE 323619	14.02 0.13 -1.90	13.45 0.09 -1.66	12.98 0.09 -1.62	13.00 0.10 -1.63	12.90 0.09 -1.64	13.14 0.12 -1.77	11.37 0.09 -2.26	16.52 0.19 -1.94	20.44 0.29 -1.76	21.36 0.37 -1.60	20.99 0.44 -1.60	21.72 0.46 -1.36	22.32 0.46 -1.14	22.55 0.42 -1.05	22.36 0.33 -1.06	23.52 0.35 -0.96	25.60 0.47 -1.70	29.10 0.66 -2.13	23.75 0.30 -1.79	20.76 0.19 -1.74	20.22 0.22 -1.43	17.43 0.19 -1.51	14.84 0.11 -1.50	13.18 0.15 -1.55
DANSKAMMER___1 23586	47.21 0.99 -34.23	42.55 0.96 -29.90	41.33 0.92 -29.13	41.62 0.93 -29.42	41.62 0.92 -29.53	43.94 0.90 -31.79	50.51 0.75 -40.74	50.78 1.21 -35.18	51.97 1.77 -31.81	50.29 1.86 -29.03	49.83 1.76 -29.12	46.52 1.91 -24.72	43.43 1.99 -20.72	42.19 2.07 -19.05	42.15 2.03 -19.15	41.81 2.22 -17.37	56.42 2.34 -30.65	67.39 2.71 -38.38	56.16 2.23 -32.28	52.05 1.94 -31.28	46.19 1.86 -25.77	44.44 1.46 -27.25	41.32 1.14 -26.95	40.46 0.99 -27.99
DANSKAMMER___2 23589	47.21 0.99 -34.23	42.55 0.96 -29.90	41.33 0.92 -29.13	41.62 0.93 -29.42	41.62 0.92 -29.53	43.94 0.90 -31.79	50.51 0.75 -40.74	50.78 1.21 -35.18	51.97 1.77 -31.81	50.29 1.86 -29.03	49.83 1.76 -29.12	46.52 1.91 -24.72	43.43 1.99 -20.72	42.19 2.07 -19.05	42.15 2.03 -19.15	41.81 2.22 -17.37	56.42 2.34 -30.65	67.39 2.71 -38.38	56.16 2.23 -32.28	52.05 1.94 -31.28	46.19 1.86 -25.77	44.44 1.46 -27.25	41.32 1.14 -26.95	40.46 0.99 -27.99
DANSKAMMER___3 23590	47.21 0.99 -34.23	42.55 0.96 -29.90	41.33 0.92 -29.13	41.62 0.93 -29.42	41.62 0.92 -29.53	43.94 0.90 -31.79	50.51 0.75 -40.74	50.78 1.21 -35.18	51.97 1.77 -31.81	50.29 1.86 -29.03	49.83 1.76 -29.12	46.52 1.91 -24.72	43.43 1.99 -20.72	42.19 2.07 -19.05	42.15 2.03 -19.15	41.81 2.22 -17.37	56.42 2.34 -30.65	67.39 2.71 -38.38	56.16 2.23 -32.28	52.05 1.94 -31.28	46.19 1.86 -25.77	44.44 1.46 -27.25	41.32 1.14 -26.95	40.46 0.99 -27.99
DANSKAMMER___4 23591	47.21 0.99 -34.23	42.55 0.96 -29.90	41.33 0.92 -29.13	41.62 0.93 -29.42	41.62 0.92 -29.53	43.94 0.90 -31.79	50.51 0.75 -40.74	50.78 1.21 -35.18	51.97 1.77 -31.81	50.29 1.86 -29.03	49.83 1.76 -29.12	46.52 1.91 -24.72	43.43 1.99 -20.72	42.19 2.07 -19.05	42.15 2.03 -19.15	41.81 2.22 -17.37	56.42 2.34 -30.65	67.39 2.71 -38.38	56.16 2.23 -32.28	52.05 1.94 -31.28	46.19 1.86 -25.77	44.44 1.46 -27.25	41.32 1.14 -26.95	40.46 0.99 -27.99
DANSKAMMER___DIESEL 23592	47.21 0.99 -34.23	42.55 0.96 -29.90	41.33 0.92 -29.13	41.62 0.93 -29.42	41.62 0.92 -29.53	43.94 0.90 -31.79	50.51 0.75 -40.74	50.78 1.21 -35.18	51.97 1.77 -31.81	50.29 1.86 -29.03	49.83 1.76 -29.12	46.52 1.91 -24.72	43.43 1.99 -20.72	42.19 2.07 -19.05	42.15 2.03 -19.15	41.81 2.22 -17.37	56.42 2.34 -30.65	67.39 2.71 -38.38	56.16 2.23 -32.28	52.05 1.94 -31.28	46.19 1.86 -25.77	44.44 1.46 -27.25	41.32 1.14 -26.95	40.46 0.99 -27.99

DASHVILLE___HYD 23610	47.03 0.71 -34.34	42.37 0.68 -29.99	41.15 0.65 -29.22	41.44 0.66 -29.51	41.44 0.65 -29.62	43.77 0.63 -31.89	50.42 0.53 -40.86	50.57 0.89 -35.28	51.64 1.34 -31.91	49.93 1.42 -29.12	49.48 1.33 -29.21	46.08 1.39 -24.80	42.95 1.45 -20.78	41.70 1.52 -19.11	41.67 1.49 -19.21	41.31 1.67 -17.43	55.97 1.80 -30.74	66.90 2.11 -38.49	55.76 1.73 -32.38	51.71 1.51 -31.37	45.84 1.43 -25.85	44.13 1.07 -27.33	41.09 0.82 -27.03	40.26 0.70 -28.08
DELAWARE___LFGE 323621	26.85 0.46 -14.41	24.73 0.44 -12.59	23.95 0.42 -12.26	24.06 0.42 -12.38	24.00 0.40 -12.43	25.05 0.42 -13.38	26.50 0.33 -17.15	29.84 0.60 -14.85	32.68 0.86 -13.42	32.57 0.91 -12.27	32.12 0.87 -12.30	31.25 0.92 -10.44	30.41 0.93 -8.75	30.07 0.95 -8.05	29.98 0.92 -8.09	30.60 1.04 -7.34	37.50 1.17 -12.89	43.80 1.34 -16.15	36.30 1.06 -13.58	32.90 0.90 -13.16	30.26 0.85 -10.84	27.85 0.66 -11.47	25.08 0.50 -11.34	23.72 0.46 -11.78
DOGLEVILLE___HYD 23807	12.07 0.95 0.87	11.86 0.92 0.76	11.39 0.86 0.74	11.37 0.86 0.74	11.28 0.86 0.75	11.32 0.88 0.80	8.69 0.70 1.03	14.73 1.22 0.89	19.17 1.58 0.80	20.37 1.71 0.73	19.86 1.65 0.74	20.92 1.65 0.62	21.90 1.70 0.52	22.30 1.71 0.48	22.16 1.68 0.48	23.53 1.75 0.44	24.69 2.04 0.78	27.65 2.32 0.97	22.72 1.88 0.82	19.68 1.64 0.79	19.56 1.65 0.65	16.33 1.29 0.69	13.61 1.06 0.68	11.72 0.95 0.71
DUNKIRK___1 23563	17.96 0.05 -5.92	16.94 0.07 -5.17	16.33 0.01 -5.04	16.33 -0.02 -5.09	16.25 -0.03 -5.11	16.78 0.02 -5.50	16.05 -0.02 -7.05	20.16 -0.03 -5.79	23.30 -0.33 -5.24	23.83 -0.23 -4.67	23.25 -0.38 -4.68	23.43 -0.44 -3.97	23.62 -0.44 -3.33	23.68 -0.46 -3.06	23.61 -0.44 -3.08	24.63 -0.38 -2.79	28.54 -0.19 -5.30	32.55 -0.39 -6.64	27.19 -0.04 -5.58	24.17 -0.08 -5.41	22.94 -0.07 -4.46	20.28 -0.16 -4.71	17.63 -0.26 -4.66	16.38 0.06 -4.84
DUNKIRK___2 23564	17.96 0.05 -5.92	16.94 0.07 -5.17	16.33 0.01 -5.04	16.33 -0.02 -5.09	16.25 -0.03 -5.11	16.78 0.02 -5.50	16.05 -0.02 -7.05	20.16 -0.03 -5.79	23.30 -0.33 -5.24	23.83 -0.23 -4.67	23.25 -0.38 -4.68	23.43 -0.44 -3.97	23.62 -0.44 -3.33	23.68 -0.46 -3.06	23.61 -0.44 -3.08	24.63 -0.38 -2.79	28.54 -0.19 -5.30	32.55 -0.39 -6.64	27.19 -0.04 -5.58	24.17 -0.08 -5.41	22.94 -0.07 -4.46	20.28 -0.16 -4.71	17.63 -0.26 -4.66	16.38 0.06 -4.84
DUNKIRK___3 23565	17.90 0.01 -5.90	16.89 0.04 -5.15	16.27 -0.02 -5.02	16.28 -0.06 -5.07	16.19 -0.07 -5.09	16.71 -0.02 -5.48	15.99 -0.05 -7.02	20.06 -0.10 -5.77	23.19 -0.42 -5.22	23.72 -0.33 -4.65	23.12 -0.49 -4.66	23.32 -0.54 -3.96	23.48 -0.56 -3.32	23.54 -0.59 -3.05	23.45 -0.59 -3.07	24.49 -0.51 -2.78	28.36 -0.35 -5.28	32.36 -0.55 -6.61	27.02 -0.20 -5.56	24.03 -0.19 -5.39	22.81 -0.19 -4.44	20.18 -0.24 -4.69	17.56 -0.32 -4.65	16.30 0.00 -4.82
DUNKIRK___4 23566	17.90 0.01 -5.90	16.89 0.04 -5.15	16.27 -0.02 -5.02	16.28 -0.06 -5.07	16.19 -0.07 -5.09	16.71 -0.02 -5.48	15.99 -0.05 -7.02	20.06 -0.10 -5.77	23.19 -0.42 -5.22	23.72 -0.33 -4.65	23.12 -0.49 -4.66	23.32 -0.54 -3.96	23.48 -0.56 -3.32	23.54 -0.59 -3.05	23.45 -0.59 -3.07	24.49 -0.51 -2.78	28.36 -0.35 -5.28	32.36 -0.55 -6.61	27.02 -0.20 -5.56	24.03 -0.19 -5.39	22.81 -0.19 -4.44	20.18 -0.24 -4.69	17.56 -0.32 -4.65	16.30 0.00 -4.82
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.29 0.99 -33.31	41.76 0.97 -29.09	40.55 0.94 -28.34	40.82 0.93 -28.62	40.82 0.92 -28.73	43.07 0.89 -30.93	49.40 0.75 -39.64	49.86 1.24 -34.22	51.12 1.78 -30.95	49.47 1.82 -28.25	49.02 1.74 -28.33	45.84 1.89 -24.05	42.85 1.97 -20.16	41.66 2.04 -18.53	41.64 2.03 -18.63	41.34 2.22 -16.90	55.67 2.41 -29.82	66.34 2.68 -37.34	55.32 2.25 -31.41	51.24 1.98 -30.43	45.51 1.87 -25.08	43.74 1.49 -26.52	40.65 1.19 -26.22	39.72 1.01 -27.23
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.78 0.85 -32.95	41.30 0.83 -28.78	40.11 0.80 -28.04	40.38 0.80 -28.31	40.37 0.78 -28.42	42.61 0.77 -30.60	48.86 0.63 -39.21	49.29 1.04 -33.86	50.55 1.55 -30.61	48.93 1.59 -27.94	48.49 1.52 -28.03	45.32 1.63 -23.79	42.36 1.70 -19.94	41.18 1.77 -18.33	41.16 1.76 -18.43	40.87 1.93 -16.72	54.99 2.06 -29.49	65.58 2.34 -36.94	54.67 1.95 -31.07	50.63 1.70 -30.10	44.98 1.61 -24.80	43.23 1.27 -26.23	40.16 0.99 -25.94	39.28 0.86 -26.94
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.42 1.13 -33.31	41.89 1.10 -29.09	40.64 1.02 -28.35	40.89 1.00 -28.63	40.90 0.99 -28.74	43.10 0.91 -30.94	49.43 0.77 -39.64	49.83 1.21 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.96 1.69 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.59 1.99 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.31 2.25 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.82 1.57 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
EAST HAMPTON___GT 23717	65.24 2.01 -51.24	56.25 1.94 -42.61	53.65 1.82 -40.56	52.85 1.80 -39.79	54.25 1.80 -41.28	52.87 1.78 -39.84	58.32 1.51 -47.80	56.49 2.49 -39.60	66.03 3.40 -44.23	64.82 3.51 -41.92	67.20 3.26 -44.99	66.55 3.36 -43.29	70.89 3.52 -46.65	72.92 3.67 -48.17	73.63 3.63 -49.03	75.00 4.02 -48.76	80.20 4.59 -52.18	97.51 5.47 -65.73	95.65 4.57 -69.43	86.09 3.94 -63.32	81.15 3.66 -58.93	78.09 2.86 -59.50	59.40 2.30 -43.87	55.21 1.99 -41.75
EAST RIVER___6 23660	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.85 0.95 -28.73	43.11 0.92 -30.93	49.44 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.76 2.51 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.41	51.34 2.07 -30.44	45.57 1.93 -25.08	43.81 1.56 -26.52	40.71 1.26 -26.22	39.76 1.04 -27.24
EAST RIVER___7 23524	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.85 0.95 -28.73	43.11 0.92 -30.93	49.44 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.76 2.51 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.41	51.34 2.07 -30.44	45.57 1.93 -25.08	43.81 1.56 -26.52	40.71 1.26 -26.22	39.76 1.04 -27.24
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.21 0.96 -33.27	41.68 0.94 -29.05	40.47 0.89 -28.31	40.74 0.89 -28.59	40.75 0.88 -28.70	43.00 0.85 -30.89	49.32 0.71 -39.59	49.74 1.17 -34.18	51.01 1.71 -30.91	49.35 1.75 -28.21	48.91 1.67 -28.30	45.73 1.81 -24.02	42.74 1.89 -20.13	41.55 1.96 -18.51	41.53 1.95 -18.61	41.21 2.11 -16.88	55.51 2.30 -29.78	66.15 2.55 -37.30	55.17 2.14 -31.37	51.11 1.88 -30.39	45.39 1.78 -25.04	43.64 1.43 -26.48	40.56 1.14 -26.19	39.64 0.96 -27.20
EAST_HAMPTON___DIESEL 23722	65.26 2.03 -51.24	56.25 1.94 -42.61	53.66 1.83 -40.56	52.86 1.81 -39.79	54.25 1.80 -41.28	52.87 1.78 -39.84	58.32 1.51 -47.80	56.50 2.50 -39.60	66.05 3.42 -44.23	64.84 3.53 -41.92	67.20 3.26 -44.99	66.55 3.36 -43.29	70.89 3.52 -46.65	72.92 3.67 -48.17	73.63 3.63 -49.03	75.00 4.02 -48.76	80.23 4.62 -52.18	97.51 5.47 -65.73	95.67 4.59 -69.43	86.09 3.94 -63.32	81.17 3.68 -58.93	78.09 2.86 -59.50	59.42 2.32 -43.87	55.21 1.99 -41.75

EAST_RIVER___1 323558	46.34 1.04 -33.31	41.82 1.03 -29.09	40.59 0.97 -28.34	40.86 0.97 -28.62	40.85 0.95 -28.73	43.11 0.92 -30.93	49.43 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.91 2.03 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.76 2.51 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.41	51.32 2.05 -30.44	45.57 1.93 -25.08	43.80 1.56 -26.52	40.71 1.26 -26.22	39.77 1.06 -27.24
EAST_RIVER___2 323559	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.85 0.95 -28.73	43.11 0.92 -30.93	49.44 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.76 2.51 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.41	51.34 2.07 -30.44	45.57 1.93 -25.08	43.81 1.56 -26.52	40.71 1.26 -26.22	39.76 1.04 -27.24
EAST___DELAWARE_HYD 23607	42.96 0.68 -30.29	38.80 0.65 -26.45	37.68 0.63 -25.77	37.93 0.64 -26.03	37.92 0.63 -26.13	40.00 0.62 -28.13	45.58 0.51 -36.04	46.40 0.88 -31.13	47.88 1.34 -28.14	46.46 1.38 -25.69	46.04 1.33 -25.77	43.10 1.33 -21.87	40.46 1.41 -18.33	39.41 1.47 -16.86	39.38 1.47 -16.95	39.23 1.64 -15.37	52.35 1.80 -27.11	62.42 2.16 -33.95	51.95 1.73 -28.56	47.97 1.47 -27.67	42.77 1.41 -22.80	40.89 1.05 -24.11	37.87 0.79 -23.84	36.93 0.69 -24.77
ELEC_TRO_TEK 24086	64.49 1.26 -51.24	55.56 1.25 -42.61	53.02 1.18 -40.56	52.23 1.18 -39.79	53.62 1.17 -41.28	52.24 1.15 -39.84	57.76 0.95 -47.80	55.55 1.56 -39.60	64.81 2.19 -44.23	63.54 2.23 -41.92	66.04 2.10 -44.99	65.46 2.27 -43.29	69.71 2.34 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.44 2.83 -52.18	95.19 3.16 -65.73	93.72 2.64 -69.43	84.47 2.32 -63.32	79.70 2.21 -58.93	77.02 1.79 -59.50	58.58 1.48 -43.87	54.50 1.27 -41.75
ELLENBURG_WT_PWR 323604	11.76 -0.23 0.00	11.49 -0.21 0.00	11.11 -0.17 0.00	11.11 -0.16 0.00	11.02 -0.15 0.00	11.09 -0.16 0.00	8.90 -0.12 0.00	14.11 -0.29 0.00	18.04 -0.35 0.00	19.05 -0.35 0.00	18.66 -0.28 0.00	19.60 -0.30 0.00	20.43 -0.29 0.00	20.83 -0.25 0.00	20.76 -0.21 0.00	21.88 -0.33 0.00	22.92 -0.52 0.00	25.73 -0.58 0.00	21.16 -0.50 0.00	18.38 -0.45 0.00	17.99 -0.58 0.00	15.30 -0.42 0.00	12.90 -0.33 0.00	11.13 -0.34 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.44 -0.16 -5.61	16.47 -0.13 -4.90	15.87 -0.18 -4.77	15.87 -0.21 -4.82	15.79 -0.22 -4.84	16.28 -0.18 -5.21	15.50 -0.20 -6.67	19.58 -0.33 -5.51	22.62 -0.75 -4.99	23.17 -0.68 -4.46	22.58 -0.83 -4.47	22.77 -0.91 -3.79	22.93 -0.97 -3.18	22.99 -1.01 -2.92	22.90 -1.01 -2.94	23.90 -0.98 -2.67	27.61 -0.84 -5.02	31.46 -1.13 -6.28	26.31 -0.63 -5.28	23.43 -0.53 -5.12	22.24 -0.54 -4.22	19.67 -0.52 -4.46	17.09 -0.56 -4.42	15.89 -0.17 -4.59
EMPIRE_CC_1 323656	54.32 0.78 -41.56	48.75 0.76 -36.30	47.37 0.73 -35.36	47.70 0.72 -35.71	47.74 0.72 -35.85	50.57 0.73 -38.59	59.04 0.57 -49.46	58.00 0.91 -42.69	58.19 1.19 -38.61	55.91 1.28 -35.24	55.54 1.25 -35.34	51.11 1.21 -30.00	47.15 1.29 -25.14	45.44 1.24 -23.12	45.43 1.22 -23.24	44.50 1.20 -21.08	61.86 1.26 -37.16	74.26 1.42 -46.54	61.97 1.17 -39.14	57.78 1.02 -37.93	50.85 1.04 -31.25	49.67 0.90 -33.05	46.72 0.77 -32.72	46.12 0.67 -33.98
EMPIRE_CC_2 323658	54.32 0.78 -41.56	48.75 0.76 -36.30	47.37 0.73 -35.36	47.70 0.72 -35.71	47.74 0.72 -35.85	50.57 0.73 -38.59	59.04 0.57 -49.46	58.00 0.91 -42.69	58.19 1.19 -38.61	55.91 1.28 -35.24	55.54 1.25 -35.34	51.11 1.21 -30.00	47.15 1.29 -25.14	45.44 1.24 -23.12	45.43 1.22 -23.24	44.50 1.20 -21.08	61.86 1.26 -37.16	74.26 1.42 -46.54	61.97 1.17 -39.14	57.78 1.02 -37.93	50.85 1.04 -31.25	49.67 0.90 -33.05	46.72 0.77 -32.72	46.12 0.67 -33.98
ERIE_WT_PWR 323693	17.68 -0.05 -5.74	16.69 -0.02 -5.01	16.07 -0.09 -4.88	16.07 -0.12 -4.93	15.99 -0.13 -4.95	16.49 -0.09 -5.33	15.73 -0.12 -6.83	19.82 -0.20 -5.63	22.91 -0.57 -5.09	23.45 -0.48 -4.54	22.88 -0.62 -4.56	23.05 -0.72 -3.87	23.20 -0.77 -3.24	23.28 -0.78 -2.98	23.19 -0.78 -3.00	24.20 -0.73 -2.72	27.98 -0.58 -5.13	31.92 -0.82 -6.43	26.67 -0.39 -5.41	23.74 -0.34 -5.24	22.55 -0.33 -4.32	19.93 -0.36 -4.57	17.32 -0.44 -4.52	16.10 -0.07 -4.69
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.68 0.30 -7.40	18.44 0.28 -6.46	17.81 0.24 -6.29	17.87 0.25 -6.36	17.77 0.22 -6.38	18.38 0.26 -6.87	18.02 0.20 -8.80	22.45 0.43 -7.63	25.82 0.53 -6.90	26.26 0.56 -6.30	25.80 0.53 -6.32	25.78 0.52 -5.37	25.74 0.52 -4.50	25.70 0.49 -4.14	25.61 0.48 -4.16	26.54 0.56 -3.77	30.73 0.68 -6.62	35.44 0.84 -8.29	29.30 0.67 -6.97	26.11 0.53 -6.75	24.68 0.56 -5.57	22.01 0.39 -5.89	19.33 0.28 -5.82	17.83 0.31 -6.05
E_CANADA_CAP_HY 24051	66.67 0.31 -54.37	59.46 0.28 -47.48	57.81 0.27 -46.27	58.26 0.27 -46.72	58.33 0.26 -46.90	62.09 0.35 -50.49	74.00 0.28 -64.70	70.77 0.52 -55.86	69.75 0.85 -50.51	66.48 0.99 -46.10	66.11 0.93 -46.24	60.04 0.90 -39.25	54.51 0.89 -32.89	52.13 0.80 -30.25	52.22 0.84 -30.41	50.77 0.98 -27.59	73.33 1.26 -48.64	88.72 1.50 -60.91	73.93 1.04 -51.23	69.26 0.79 -49.64	60.15 0.69 -40.90	59.44 0.46 -43.25	56.31 0.28 -42.80	56.15 0.22 -44.46
E_CANADA_MHWK_HY 24050	12.07 0.95 0.87	11.86 0.92 0.76	11.39 0.86 0.74	11.37 0.86 0.74	11.28 0.86 0.75	11.32 0.88 0.80	8.69 0.70 1.03	14.73 1.22 0.89	19.17 1.58 0.80	20.37 1.71 0.73	19.86 1.65 0.74	20.92 1.65 0.62	21.90 1.70 0.52	22.30 1.71 0.48	22.16 1.68 0.48	23.53 1.75 0.44	24.69 2.04 0.78	27.65 2.32 0.97	22.72 1.88 0.82	19.68 1.64 0.79	19.56 1.65 0.65	16.33 1.29 0.69	13.61 1.06 0.68	11.72 0.95 0.71
E_FISHKILL___LBMP 23776	47.07 0.87 -34.21	42.43 0.85 -29.88	41.21 0.82 -29.11	41.48 0.82 -29.40	41.49 0.82 -29.51	43.81 0.79 -31.77	50.38 0.65 -40.71	50.62 1.08 -35.15	51.72 1.55 -31.78	50.00 1.59 -29.01	49.58 1.53 -29.10	46.25 1.65 -24.70	43.14 1.72 -20.70	41.90 1.79 -19.04	41.87 1.76 -19.14	41.51 1.93 -17.36	56.14 2.08 -30.63	67.00 2.34 -38.35	55.86 1.95 -32.26	51.80 1.71 -31.26	45.93 1.61 -25.75	44.27 1.30 -27.24	41.20 1.03 -26.93	40.33 0.88 -27.97
FAR ROCKAWAY___4 23548	64.61 1.38 -51.24	55.65 1.34 -42.61	53.11 1.27 -40.56	52.32 1.27 -39.79	53.70 1.25 -41.28	52.32 1.23 -39.84	57.84 1.03 -47.80	55.69 1.70 -39.60	64.81 2.19 -44.23	63.56 2.25 -41.92	66.04 2.10 -44.99	65.44 2.25 -43.29	69.71 2.34 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.49 2.88 -52.18	95.16 3.13 -65.73	93.72 2.64 -69.43	84.49 2.33 -63.32	79.74 2.25 -58.93	77.03 1.81 -59.50	58.57 1.47 -43.87	54.49 1.26 -41.75
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.36 1.07 -33.31	41.83 1.04 -29.09	40.61 0.99 -28.35	40.88 0.99 -28.63	40.88 0.97 -28.73	43.13 0.95 -30.93	49.45 0.79 -39.64	49.95 1.32 -34.23	51.24 1.89 -30.95	49.57 1.92 -28.25	49.10 1.82 -28.34	45.94 1.99 -24.05	42.95 2.07 -20.16	41.76 2.15 -18.54	41.75 2.14 -18.64	41.45 2.33 -16.91	55.81 2.55 -29.82	66.44 2.79 -37.35	55.43 2.36 -31.41	51.36 2.09 -30.44	45.61 1.97 -25.08	43.84 1.59 -26.52	40.74 1.28 -26.22	39.79 1.08 -27.24

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.35 1.05 -33.31	41.83 1.04 -29.09	40.61 0.99 -28.35	40.87 0.98 -28.63	40.88 0.97 -28.73	43.12 0.93 -30.93	49.45 0.79 -39.64	49.93 1.31 -34.23	51.22 1.88 -30.95	49.55 1.90 -28.25	49.10 1.82 -28.34	45.94 1.99 -24.05	42.93 2.05 -20.16	41.76 2.15 -18.54	41.72 2.12 -18.64	41.43 2.31 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.43 2.36 -31.41	51.36 2.09 -30.44	45.59 1.95 -25.08	43.84 1.59 -26.52	40.73 1.27 -26.22	39.78 1.07 -27.24
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.35 1.05 -33.31	41.82 1.03 -29.09	40.60 0.98 -28.35	40.86 0.97 -28.63	40.87 0.96 -28.73	43.12 0.93 -30.93	49.44 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.09 1.80 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.74 2.13 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.76 2.51 -29.82	66.42 2.76 -37.35	55.41 2.34 -31.41	51.34 2.07 -30.44	45.57 1.93 -25.08	43.82 1.57 -26.52	40.71 1.26 -26.22	39.77 1.06 -27.24
FARRAGUT___LBMP 323566	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.85 0.95 -28.73	43.11 0.92 -30.93	49.44 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.06 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.76 2.51 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.41	51.32 2.05 -30.44	45.57 1.93 -25.08	43.81 1.56 -26.52	40.70 1.24 -26.22	39.77 1.06 -27.24
FENNER___WINDPWR 24204	15.97 0.30 -3.68	15.21 0.29 -3.22	14.67 0.26 -3.14	14.69 0.26 -3.17	14.59 0.25 -3.18	14.94 0.27 -3.42	13.61 0.21 -4.38	18.62 0.43 -3.80	22.41 0.59 -3.43	23.17 0.64 -3.14	22.72 0.62 -3.15	23.20 0.64 -2.67	23.60 0.64 -2.24	23.77 0.63 -2.06	23.62 0.59 -2.07	24.74 0.64 -1.88	27.48 0.75 -3.30	31.33 0.89 -4.13	25.75 0.63 -3.47	22.71 0.51 -3.36	21.85 0.52 -2.77	19.02 0.36 -2.93	16.40 0.26 -2.90	14.78 0.29 -3.01
FIBERTEK___ENERGY 23856	15.38 0.01 -3.39	14.67 0.01 -2.96	14.15 -0.01 -2.88	14.16 -0.01 -2.91	14.07 -0.02 -2.92	14.39 -0.01 -3.15	13.04 -0.01 -4.03	17.93 0.07 -3.46	21.54 0.02 -3.13	22.27 0.02 -2.85	21.79 -0.02 -2.86	22.26 -0.06 -2.43	22.67 -0.08 -2.03	22.86 -0.08 -1.87	22.74 -0.10 -1.88	23.83 -0.09 -1.71	26.49 0.02 -3.03	30.18 0.08 -3.80	24.93 0.09 -3.19	21.95 0.02 -3.09	21.19 0.07 -2.55	18.45 0.03 -2.70	15.90 0.00 -2.67	14.29 0.05 -2.77
FITZPATRICK____ 23598	13.77 -0.28 -2.06	13.22 -0.27 -1.79	12.75 -0.27 -1.75	12.76 -0.27 -1.77	12.68 -0.27 -1.77	12.89 -0.27 -1.91	11.25 -0.22 -2.45	16.18 -0.32 -2.10	19.79 -0.50 -1.90	20.58 -0.54 -1.73	20.13 -0.55 -1.73	20.77 -0.60 -1.47	21.33 -0.62 -1.23	21.58 -0.63 -1.13	21.46 -0.65 -1.14	22.58 -0.67 -1.03	24.61 -0.66 -1.84	27.90 -0.71 -2.30	23.03 -0.56 -1.94	20.20 -0.51 -1.88	19.66 -0.45 -1.55	17.00 -0.36 -1.64	14.53 -0.32 -1.62	12.93 -0.23 -1.68
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.32 1.02 -34.32	42.65 0.98 -29.97	41.44 0.96 -29.20	41.72 0.97 -29.49	41.71 0.94 -29.61	44.05 0.92 -31.87	50.63 0.77 -40.84	50.90 1.24 -35.26	52.10 1.82 -31.89	50.42 1.92 -29.11	49.94 1.80 -29.19	46.65 1.97 -24.78	43.52 2.03 -20.77	42.28 2.11 -19.10	42.27 2.10 -19.20	41.92 2.29 -17.42	56.57 2.41 -30.72	67.57 2.79 -38.47	56.31 2.29 -32.36	52.17 1.98 -31.35	46.29 1.89 -25.84	44.56 1.51 -27.32	41.42 1.16 -27.02	40.55 1.01 -28.06
FORT ORANGE____ 23900	55.23 0.83 -42.42	49.56 0.82 -37.05	48.15 0.78 -36.10	48.49 0.78 -36.45	48.53 0.77 -36.59	51.43 0.79 -39.39	60.13 0.63 -50.48	58.76 0.79 -43.58	58.79 0.99 -39.40	56.39 1.03 -35.96	56.01 0.98 -36.07	51.53 1.01 -30.62	47.46 1.08 -25.66	45.77 1.10 -23.60	45.78 1.09 -23.72	44.87 1.13 -21.52	62.52 1.15 -37.94	75.11 1.29 -47.52	62.71 1.08 -39.97	58.50 0.94 -38.72	51.42 0.95 -31.91	50.30 0.83 -33.74	47.31 0.69 -33.39	46.83 0.67 -34.68
FORT_DRUM_COGEN 23780	13.62 0.34 -1.30	13.11 0.28 -1.13	12.65 0.27 -1.10	12.66 0.28 -1.11	12.56 0.27 -1.12	12.78 0.33 -1.20	10.80 0.24 -1.54	16.18 0.46 -1.32	20.34 0.75 -1.20	21.36 0.87 -1.09	21.01 0.97 -1.09	21.84 1.01 -0.93	22.52 1.02 -0.78	22.78 0.99 -0.71	22.55 0.86 -0.72	23.82 0.95 -0.65	25.72 1.12 -1.16	29.23 1.47 -1.45	23.68 0.80 -1.22	20.60 0.58 -1.18	20.11 0.58 -0.97	17.21 0.46 -1.03	14.56 0.30 -1.02	12.87 0.33 -1.06
FPL FAR_ROCK_GT1 24212	64.61 1.38 -51.24	55.65 1.34 -42.61	53.11 1.27 -40.56	52.32 1.27 -39.79	53.70 1.25 -41.28	52.32 1.23 -39.84	57.84 1.03 -47.80	55.69 1.70 -39.60	64.81 2.19 -44.23	63.56 2.25 -41.92	66.04 2.10 -44.99	65.44 2.25 -43.29	69.71 2.34 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.49 2.88 -52.18	95.16 3.13 -65.73	93.72 2.64 -69.43	84.49 2.33 -63.32	79.74 2.25 -58.93	77.03 1.81 -59.50	58.57 1.47 -43.87	54.49 1.26 -41.75
FPL FAR_ROCK_GT2 23815	64.61 1.38 -51.24	55.65 1.34 -42.61	53.11 1.27 -40.56	52.32 1.27 -39.79	53.70 1.25 -41.28	52.32 1.23 -39.84	57.84 1.03 -47.80	55.69 1.70 -39.60	64.81 2.19 -44.23	63.56 2.25 -41.92	66.04 2.10 -44.99	65.44 2.25 -43.29	69.71 2.34 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.49 2.88 -52.18	95.16 3.13 -65.73	93.72 2.64 -69.43	84.49 2.33 -63.32	79.74 2.25 -58.93	77.03 1.81 -59.50	58.57 1.47 -43.87	54.49 1.26 -41.75
FRANKLIN_FALL_HYD 24054	11.79 -0.19 0.00	11.52 -0.18 0.00	11.15 -0.12 0.00	11.15 -0.11 0.00	11.09 -0.08 0.00	11.16 -0.09 0.00	8.97 -0.05 0.00	14.16 -0.23 0.00	18.14 -0.26 0.00	19.18 -0.21 0.00	18.85 -0.09 0.00	19.78 -0.12 0.00	20.62 -0.10 0.00	21.04 -0.04 0.00	20.99 0.02 0.00	22.06 -0.15 0.00	23.03 -0.40 0.00	25.91 -0.39 0.00	21.26 -0.39 0.00	18.48 -0.36 0.00	18.04 -0.52 0.00	15.38 -0.35 0.00	12.95 -0.28 0.00	11.17 -0.31 0.00
FREEPORT_EQUS_GT1 23764	64.58 1.35 -51.24	55.63 1.32 -42.61	53.09 1.25 -40.56	52.30 1.25 -39.79	53.68 1.23 -41.28	52.30 1.20 -39.84	57.78 0.97 -47.80	55.59 1.60 -39.60	64.87 2.24 -44.23	63.62 2.31 -41.92	66.08 2.14 -44.99	65.52 2.33 -43.29	69.77 2.40 -46.65	71.76 2.51 -48.17	72.50 2.49 -49.03	73.69 2.71 -48.76	78.56 2.95 -52.18	95.35 3.31 -65.73	93.83 2.75 -69.43	84.58 2.43 -63.32	79.80 2.30 -58.93	77.10 1.87 -59.50	58.64 1.53 -43.87	54.54 1.31 -41.75
FREEPORT___CT2 23818	64.58 1.35 -51.24	55.63 1.32 -42.61	53.09 1.25 -40.56	52.30 1.25 -39.79	53.68 1.23 -41.28	52.30 1.20 -39.84	57.78 0.97 -47.80	55.59 1.60 -39.60	64.87 2.24 -44.23	63.62 2.31 -41.92	66.08 2.14 -44.99	65.52 2.33 -43.29	69.77 2.40 -46.65	71.76 2.51 -48.17	72.50 2.49 -49.03	73.69 2.71 -48.76	78.56 2.95 -52.18	95.35 3.31 -65.73	93.83 2.75 -69.43	84.58 2.43 -63.32	79.80 2.30 -58.93	77.10 1.87 -59.50	58.64 1.53 -43.87	54.54 1.31 -41.75
FULTON COGEN____ 23766	14.53 -0.10 -2.64	13.90 -0.11 -2.31	13.40 -0.12 -2.25	13.42 -0.11 -2.27	13.33 -0.12 -2.28	13.59 -0.11 -2.45	12.07 -0.09 -3.14	17.00 -0.10 -2.70	20.62 -0.22 -2.44	21.39 -0.23 -2.22	20.93 -0.25 -2.23	21.53 -0.26 -1.89	22.04 -0.27 -1.59	22.24 -0.30 -1.46	22.12 -0.31 -1.47	23.23 -0.31 -1.33	25.54 -0.26 -2.36	29.03 -0.24 -2.96	23.95 -0.20 -2.49	21.04 -0.21 -2.41	20.40 -0.15 -1.99	17.70 -0.13 -2.10	15.19 -0.12 -2.08	13.58 -0.06 -2.16

FULTON___LFGE 323630	64.89 1.07 -51.84	57.97 1.01 -45.27	56.35 0.97 -44.11	56.77 0.97 -44.54	56.83 0.95 -44.71	60.46 1.07 -48.14	71.57 0.87 -61.68	69.46 1.81 -53.25	69.08 2.54 -48.15	66.17 2.83 -43.95	65.70 2.67 -44.08	59.54 2.23 -37.42	54.34 2.26 -31.36	52.06 2.15 -28.83	52.18 2.22 -28.99	50.98 2.47 -26.30	73.34 3.54 -46.37	88.42 4.05 -58.07	73.59 3.10 -48.84	68.66 2.51 -47.32	59.89 2.34 -38.99	58.39 1.43 -41.23	55.08 1.05 -40.81	54.74 0.88 -42.38
G.F.CEMENT___DRP 24184	59.48 1.27 -46.23	53.30 1.23 -40.37	51.76 1.15 -39.34	52.15 1.16 -39.72	52.20 1.15 -39.88	55.39 1.22 -42.93	65.01 0.98 -55.01	63.49 1.61 -47.49	63.52 2.19 -42.94	60.97 2.39 -39.19	60.58 2.33 -39.31	55.59 2.33 -33.37	51.05 2.36 -27.96	49.13 2.34 -25.71	49.13 2.31 -25.85	48.11 2.44 -23.45	67.59 2.81 -41.34	81.26 3.18 -51.78	67.74 2.53 -43.55	63.14 2.11 -42.19	55.37 2.04 -34.77	54.13 1.64 -36.77	50.91 1.28 -36.39	50.35 1.08 -37.80
GARDENVILLE___LBMP 24039	17.61 -0.10 -5.72	16.62 -0.07 -4.99	16.01 -0.13 -4.86	16.01 -0.17 -4.91	15.92 -0.18 -4.93	16.43 -0.13 -5.31	15.67 -0.15 -6.80	19.76 -0.26 -5.62	22.83 -0.64 -5.08	23.37 -0.56 -4.54	22.78 -0.72 -4.56	22.97 -0.80 -3.87	23.11 -0.85 -3.24	23.17 -0.88 -2.98	23.10 -0.86 -3.00	24.09 -0.84 -2.72	27.84 -0.70 -5.11	31.77 -0.95 -6.40	26.54 -0.50 -5.39	23.64 -0.41 -5.22	22.45 -0.41 -4.30	19.85 -0.42 -4.55	17.24 -0.49 -4.50	16.04 -0.11 -4.67
GENERAL___MILLS 23808	17.67 -0.06 -5.74	16.67 -0.03 -5.01	16.07 -0.09 -4.88	16.06 -0.13 -4.93	15.98 -0.15 -4.95	16.48 -0.10 -5.33	15.72 -0.13 -6.83	19.81 -0.22 -5.63	22.89 -0.59 -5.09	23.45 -0.48 -4.54	22.86 -0.64 -4.56	23.03 -0.74 -3.87	23.20 -0.77 -3.24	23.26 -0.80 -2.98	23.17 -0.80 -3.00	24.18 -0.76 -2.72	27.96 -0.61 -5.13	31.89 -0.84 -6.43	26.65 -0.41 -5.41	23.74 -0.34 -5.24	22.53 -0.35 -4.32	19.91 -0.38 -4.57	17.32 -0.44 -4.52	16.10 -0.07 -4.69
GE_PLASTICS___DRP 24183	55.07 0.73 -42.36	49.40 0.71 -36.99	48.00 0.69 -36.04	48.35 0.69 -36.40	48.38 0.67 -36.54	51.27 0.69 -39.33	59.96 0.54 -50.40	58.71 0.81 -43.51	58.77 1.03 -39.34	56.39 1.09 -35.91	56.03 1.06 -36.02	51.56 1.09 -30.57	47.48 1.14 -25.62	45.78 1.14 -23.56	45.79 1.13 -23.69	44.90 1.20 -21.49	62.56 1.24 -37.89	75.15 1.39 -47.45	62.73 1.17 -39.91	58.52 1.02 -38.67	51.41 0.98 -31.86	50.29 0.86 -33.69	47.28 0.70 -33.34	46.72 0.61 -34.63
GILBOA___1 23756	45.40 0.56 -32.85	40.95 0.56 -28.69	39.76 0.53 -27.95	40.02 0.53 -28.23	40.03 0.53 -28.34	42.28 0.52 -30.51	48.53 0.42 -39.09	48.85 0.69 -33.76	49.88 0.96 -30.53	48.25 0.99 -27.87	47.85 0.95 -27.95	44.62 0.99 -23.73	41.64 1.04 -19.88	40.44 1.07 -18.28	40.40 1.05 -18.38	40.04 1.15 -16.68	54.07 1.24 -29.40	64.46 1.34 -36.81	53.77 1.15 -30.97	49.85 1.02 -30.00	44.25 0.96 -24.72	42.66 0.79 -26.14	39.72 0.62 -25.86	38.89 0.55 -26.86
GILBOA___2 23757	45.40 0.56 -32.85	40.95 0.56 -28.69	39.76 0.53 -27.95	40.02 0.53 -28.23	40.03 0.53 -28.34	42.28 0.52 -30.51	48.53 0.42 -39.09	48.85 0.69 -33.76	49.88 0.96 -30.53	48.25 0.99 -27.87	47.85 0.95 -27.95	44.62 0.99 -23.73	41.64 1.04 -19.88	40.44 1.07 -18.28	40.40 1.05 -18.38	40.04 1.15 -16.68	54.07 1.24 -29.40	64.46 1.34 -36.81	53.77 1.15 -30.97	49.85 1.02 -30.00	44.25 0.96 -24.72	42.66 0.79 -26.14	39.72 0.62 -25.86	38.89 0.55 -26.86
GILBOA___3 23758	45.40 0.56 -32.85	40.95 0.56 -28.69	39.76 0.53 -27.95	40.02 0.53 -28.23	40.03 0.53 -28.34	42.28 0.52 -30.51	48.53 0.42 -39.09	48.85 0.69 -33.76	49.88 0.96 -30.53	48.25 0.99 -27.87	47.85 0.95 -27.95	44.62 0.99 -23.73	41.64 1.04 -19.88	40.44 1.07 -18.28	40.40 1.05 -18.38	40.04 1.15 -16.68	54.07 1.24 -29.40	64.46 1.34 -36.81	53.77 1.15 -30.97	49.85 1.02 -30.00	44.25 0.96 -24.72	42.66 0.79 -26.14	39.72 0.62 -25.86	38.89 0.55 -26.86
GILBOA___4 23759	45.40 0.56 -32.85	40.95 0.56 -28.69	39.76 0.53 -27.95	40.02 0.53 -28.23	40.03 0.53 -28.34	42.28 0.52 -30.51	48.53 0.42 -39.09	48.85 0.69 -33.76	49.88 0.96 -30.53	48.25 0.99 -27.87	47.85 0.95 -27.95	44.62 0.99 -23.73	41.64 1.04 -19.88	40.44 1.07 -18.28	40.40 1.05 -18.38	40.04 1.15 -16.68	54.07 1.24 -29.40	64.46 1.34 -36.81	53.77 1.15 -30.97	49.85 1.02 -30.00	44.25 0.96 -24.72	42.66 0.79 -26.14	39.72 0.62 -25.86	38.89 0.55 -26.86
GILBOA___ 23599	45.40 0.56 -32.85	40.95 0.56 -28.69	39.76 0.53 -27.95	40.02 0.53 -28.23	40.03 0.53 -28.34	42.28 0.52 -30.51	48.53 0.42 -39.09	48.85 0.69 -33.76	49.88 0.96 -30.53	48.25 0.99 -27.87	47.85 0.95 -27.95	44.62 0.99 -23.73	41.64 1.04 -19.88	40.44 1.07 -18.28	40.40 1.05 -18.38	40.04 1.15 -16.68	54.07 1.24 -29.40	64.46 1.34 -36.81	53.77 1.15 -30.97	49.85 1.02 -30.00	44.25 0.96 -24.72	42.66 0.79 -26.14	39.72 0.62 -25.86	38.89 0.55 -26.86
GINNA___ 23603	15.35 -0.61 -3.98	14.56 -0.61 -3.47	14.04 -0.62 -3.39	14.05 -0.63 -3.42	13.98 -0.63 -3.43	14.34 -0.61 -3.69	13.26 -0.50 -4.73	17.65 -0.73 -3.99	20.90 -1.10 -3.61	21.53 -1.13 -3.26	21.08 -1.14 -3.27	21.44 -1.23 -2.77	21.72 -1.33 -2.33	21.87 -1.35 -2.14	21.78 -1.34 -2.15	22.79 -1.38 -1.95	25.68 -1.31 -3.56	29.27 -1.50 -4.46	24.30 -1.10 -3.75	21.47 -1.00 -3.63	20.59 -0.97 -2.99	18.01 -0.88 -3.17	15.53 -0.83 -3.13	14.15 -0.58 -3.25
GLEN PARK___ 23778	13.74 0.38 -1.38	13.23 0.33 -1.20	12.75 0.30 -1.17	12.77 0.33 -1.18	12.67 0.31 -1.19	12.90 0.37 -1.28	10.95 0.29 -1.64	16.35 0.55 -1.41	20.55 0.88 -1.27	21.56 1.01 -1.16	21.21 1.10 -1.16	22.03 1.15 -0.99	22.71 1.16 -0.83	22.95 1.12 -0.76	22.72 0.99 -0.76	23.99 1.09 -0.69	25.95 1.29 -1.23	29.56 1.71 -1.54	23.90 0.95 -1.30	20.79 0.70 -1.26	20.30 0.71 -1.04	17.36 0.53 -1.09	14.69 0.37 -1.08	12.99 0.39 -1.12
GLENWOOD_IC_1_G5 23712	64.39 1.16 -51.24	55.44 1.13 -42.61	52.96 1.13 -40.56	52.18 1.13 -39.79	53.56 1.11 -41.28	52.18 1.08 -39.84	57.68 0.87 -47.80	55.42 1.43 -39.60	64.67 2.04 -44.23	63.41 2.10 -41.92	65.93 1.99 -44.99	65.34 2.15 -43.29	69.61 2.24 -46.65	71.57 2.32 -48.17	72.31 2.31 -49.03	73.49 2.51 -48.76	78.33 2.72 -52.18	95.06 3.02 -65.73	93.61 2.53 -69.43	84.39 2.24 -63.32	79.61 2.12 -58.93	76.94 1.71 -59.50	58.48 1.38 -43.87	54.40 1.17 -41.75
GLENWOOD_IC_2_G1 23688	64.36 1.13 -51.24	55.40 1.10 -42.61	52.88 1.05 -40.56	52.10 1.05 -39.79	53.49 1.04 -41.28	52.11 1.01 -39.84	57.66 0.84 -47.80	55.38 1.38 -39.60	64.60 1.97 -44.23	63.33 2.02 -41.92	65.85 1.91 -44.99	65.28 2.09 -43.29	69.52 2.16 -46.65	71.48 2.23 -48.17	72.22 2.22 -49.03	73.40 2.42 -48.76	78.23 2.62 -52.18	94.95 2.92 -65.73	93.53 2.45 -69.43	84.30 2.15 -63.32	79.54 2.04 -58.93	76.88 1.65 -59.50	58.43 1.32 -43.87	54.36 1.14 -41.75
GLENWOOD_IC_3_G1 23689	64.36 1.13 -51.24	55.40 1.10 -42.61	52.88 1.05 -40.56	52.10 1.05 -39.79	53.49 1.04 -41.28	52.11 1.01 -39.84	57.66 0.84 -47.80	55.38 1.38 -39.60	64.60 1.97 -44.23	63.33 2.02 -41.92	65.85 1.91 -44.99	65.28 2.09 -43.29	69.52 2.16 -46.65	71.48 2.23 -48.17	72.22 2.22 -49.03	73.40 2.42 -48.76	78.23 2.62 -52.18	94.95 2.92 -65.73	93.53 2.45 -69.43	84.30 2.15 -63.32	79.54 2.04 -58.93	76.88 1.65 -59.50	58.43 1.32 -43.87	54.36 1.14 -41.75

GLENWOOD___4 23550	64.42 1.19 -51.24	55.46 1.16 -42.61	52.96 1.13 -40.56	52.18 1.13 -39.79	53.56 1.11 -41.28	52.18 1.08 -39.84	57.69 0.87 -47.80	55.43 1.44 -39.60	64.69 2.06 -44.23	63.43 2.11 -41.92	65.95 2.01 -44.99	65.38 2.19 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.35 2.74 -52.18	95.11 3.08 -65.73	93.66 2.58 -69.43	84.41 2.26 -63.32	79.63 2.13 -58.93	76.96 1.73 -59.50	58.49 1.39 -43.87	54.41 1.18 -41.75
GLENWOOD___5 23614	64.42 1.19 -51.24	55.46 1.16 -42.61	52.96 1.13 -40.56	52.18 1.13 -39.79	53.56 1.11 -41.28	52.18 1.08 -39.84	57.69 0.87 -47.80	55.43 1.44 -39.60	64.69 2.06 -44.23	63.43 2.11 -41.92	65.95 2.01 -44.99	65.38 2.19 -43.29	69.63 2.26 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.51 2.53 -48.76	78.35 2.74 -52.18	95.11 3.08 -65.73	93.66 2.58 -69.43	84.41 2.26 -63.32	79.63 2.13 -58.93	76.96 1.73 -59.50	58.49 1.39 -43.87	54.41 1.18 -41.75
GLOBAL GREEN_PORT_GT1 23814	65.21 1.98 -51.24	56.21 1.91 -42.61	53.62 1.78 -40.56	52.82 1.77 -39.79	54.21 1.76 -41.28	52.84 1.74 -39.84	58.30 1.48 -47.80	56.47 2.48 -39.60	66.01 3.38 -44.23	64.80 3.49 -41.92	67.16 3.22 -44.99	66.49 3.30 -43.29	70.81 3.44 -46.65	72.83 3.58 -48.17	73.57 3.56 -49.03	74.93 3.95 -48.76	80.18 4.57 -52.18	97.45 5.42 -65.73	95.63 4.55 -69.43	86.05 3.90 -63.32	81.13 3.64 -58.93	78.02 2.80 -59.50	59.36 2.26 -43.87	55.18 1.95 -41.75
GLOBE___DSASP 323697	16.72 -0.55 -5.29	15.80 -0.51 -4.62	15.21 -0.56 -4.50	15.22 -0.59 -4.54	15.14 -0.59 -4.56	15.60 -0.56 -4.91	14.76 -0.55 -6.29	18.64 -0.95 -5.20	21.53 -1.56 -4.70	22.07 -1.53 -4.20	21.48 -1.69 -4.22	21.66 -1.81 -3.58	21.82 -1.91 -3.00	21.88 -1.96 -2.76	21.79 -1.95 -2.77	22.75 -1.98 -2.52	26.17 -1.99 -4.73	29.81 -2.42 -5.92	24.97 -1.67 -4.98	22.28 -1.37 -4.82	21.16 -1.37 -3.98	18.73 -1.20 -4.20	16.27 -1.12 -4.16	15.18 -0.62 -4.32
GOETHSLN___LBMP 323567	46.29 0.99 -33.31	41.76 0.97 -29.09	40.54 0.92 -28.35	40.81 0.92 -28.63	40.81 0.90 -28.73	43.06 0.88 -30.93	49.40 0.74 -39.64	49.87 1.25 -34.23	51.15 1.80 -30.95	49.47 1.82 -28.25	49.01 1.72 -28.34	45.82 1.87 -24.05	42.81 1.93 -20.16	41.64 2.02 -18.54	41.62 2.01 -18.64	41.32 2.20 -16.91	55.67 2.41 -29.82	66.26 2.61 -37.35	55.30 2.23 -31.41	51.25 1.98 -30.44	45.50 1.86 -25.08	43.74 1.49 -26.52	40.65 1.19 -26.22	39.71 1.00 -27.24
GOODYEAR_LAKE_HYD 323669	22.15 0.43 -9.74	20.61 0.41 -8.50	19.94 0.38 -8.28	20.01 0.38 -8.37	19.95 0.38 -8.40	20.71 0.42 -9.04	20.94 0.33 -11.59	25.07 0.63 -10.04	28.41 0.94 -9.08	28.72 1.03 -8.30	28.25 0.98 -8.32	27.97 1.01 -7.06	27.66 1.02 -5.92	27.53 1.01 -5.44	27.43 0.99 -5.47	28.31 1.13 -4.96	33.48 1.33 -8.71	38.79 1.58 -10.91	32.00 1.17 -9.17	28.68 0.96 -8.89	26.80 0.91 -7.32	24.15 0.68 -7.75	21.40 0.50 -7.66	19.90 0.46 -7.96
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.07 0.23 -10.86	21.40 0.22 -9.48	20.71 0.19 -9.24	20.77 0.18 -9.33	20.72 0.18 -9.37	21.53 0.19 -10.08	22.09 0.14 -12.92	25.95 0.32 -11.24	28.92 0.37 -10.16	29.10 0.41 -9.30	28.61 0.34 -9.32	28.13 0.32 -7.92	27.69 0.33 -6.63	27.49 0.32 -6.10	27.42 0.32 -6.13	28.15 0.38 -5.56	33.59 0.44 -9.72	39.00 0.53 -12.17	32.37 0.48 -10.24	29.15 0.40 -9.92	27.12 0.39 -8.17	24.64 0.27 -8.64	21.95 0.17 -8.55	20.59 0.23 -8.88
GOUDEY___7 23579	23.08 0.24 -10.86	21.41 0.23 -9.48	20.71 0.19 -9.24	20.79 0.19 -9.33	20.72 0.18 -9.37	21.54 0.20 -10.08	22.10 0.15 -12.92	25.97 0.33 -11.24	28.92 0.37 -10.16	29.12 0.43 -9.30	28.63 0.36 -9.32	28.15 0.34 -7.92	27.71 0.35 -6.63	27.51 0.34 -6.10	27.44 0.33 -6.13	28.18 0.40 -5.56	33.62 0.47 -9.72	39.03 0.55 -12.17	32.39 0.50 -10.24	29.17 0.41 -9.92	27.14 0.41 -8.17	24.65 0.28 -8.64	21.97 0.19 -8.55	20.60 0.24 -8.88
GOUDEY___8 23580	23.07 0.23 -10.86	21.40 0.22 -9.48	20.71 0.19 -9.24	20.77 0.18 -9.33	20.72 0.18 -9.37	21.53 0.19 -10.08	22.09 0.14 -12.92	25.95 0.32 -11.24	28.92 0.37 -10.16	29.10 0.41 -9.30	28.61 0.34 -9.32	28.13 0.32 -7.92	27.69 0.33 -6.63	27.49 0.32 -6.10	27.42 0.32 -6.13	28.15 0.38 -5.56	33.59 0.44 -9.72	39.00 0.53 -12.17	32.37 0.48 -10.24	29.15 0.40 -9.92	27.12 0.39 -8.17	24.64 0.27 -8.64	21.95 0.17 -8.55	20.59 0.23 -8.88
GOWANUS_GT1_1 24077	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT1_2 24078	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT1_3 24079	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT1_4 24080	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT1_5 24084	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT1_6 24111	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24

GOWANUS_GT1_7 24112	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT1_8 24113	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT2_1 24114	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT2_2 24115	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT2_3 24116	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT2_4 24117	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT2_5 24118	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT2_6 24119	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT2_7 24120	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT2_8 24121	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT3_1 24122	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT3_2 24123	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT3_3 24124	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT3_4 24125	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT3_5 24126	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24



GOWANUS_GT3_6 24127	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT3_7 24128	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT3_8 24129	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT4_1 24130	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT4_2 24131	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT4_3 24132	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT4_4 24133	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT4_5 24134	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT4_6 24135	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT4_7 24136	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GOWANUS_GT4_8 24137	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GREENIDGE___3 23582	18.59 0.18 -6.43	17.49 0.18 -5.61	16.86 0.11 -5.47	16.90 0.11 -5.52	16.83 0.11 -5.54	17.37 0.15 -5.97	16.78 0.12 -7.65	21.28 0.30 -6.58	24.62 0.28 -5.95	25.15 0.33 -5.42	24.67 0.28 -5.44	24.73 0.22 -4.61	24.80 0.21 -3.87	24.66 0.02 -3.56	24.61 0.06 -3.58	25.50 0.04 -3.24	29.30 0.12 -5.75	33.62 0.11 -7.20	28.06 0.35 -6.06	24.91 0.21 -5.87	23.86 0.46 -4.84	21.09 0.25 -5.11	18.39 0.09 -5.06	16.93 0.19 -5.26
GREENIDGE___4 23583	18.59 0.18 -6.43	17.49 0.18 -5.61	16.86 0.11 -5.47	16.90 0.11 -5.52	16.83 0.11 -5.54	17.37 0.15 -5.97	16.78 0.12 -7.65	21.28 0.30 -6.58	24.62 0.28 -5.95	25.15 0.33 -5.42	24.67 0.28 -5.44	24.73 0.22 -4.61	24.80 0.21 -3.87	24.66 0.02 -3.56	24.61 0.06 -3.58	25.50 0.04 -3.24	29.30 0.12 -5.75	33.62 0.11 -7.20	28.06 0.35 -6.06	24.91 0.21 -5.87	23.86 0.46 -4.84	21.09 0.25 -5.11	18.39 0.09 -5.06	16.93 0.19 -5.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
GROVEVILLE___HYD 323602	47.32 1.02 -34.32	42.65 0.98 -29.97	41.44 0.96 -29.20	41.72 0.97 -29.49	41.71 0.94 -29.61	44.05 0.92 -31.87	50.63 0.77 -40.84	50.90 1.24 -35.26	52.10 1.82 -31.89	50.42 1.92 -29.11	49.94 1.80 -29.19	46.65 1.97 -24.78	43.52 2.03 -20.77	42.28 2.11 -19.10	42.27 2.10 -19.20	41.92 2.29 -17.42	56.57 2.41 -30.72	67.57 2.79 -38.47	56.31 2.29 -32.36	52.17 1.98 -31.35	46.29 1.89 -25.84	44.56 1.51 -27.32	41.42 1.16 -27.02	40.55 1.01 -28.06

HAMPSHIRE___PAPER_HYD 323593	11.89 -0.10 0.00	11.58 -0.12 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.17 0.00 0.00	11.25 0.00 0.00	9.03 0.01 0.00	14.24 -0.16 0.00	18.32 -0.07 0.00	19.45 0.06 0.00	19.14 0.19 0.00	20.07 0.18 0.00	20.89 0.17 0.00	21.23 0.15 0.00	21.05 0.08 0.00	22.24 0.02 0.00	23.36 -0.07 0.00	26.28 -0.03 0.00	21.35 -0.30 0.00	18.51 -0.32 0.00	18.26 -0.30 0.00	15.54 -0.19 0.00	13.09 -0.15 0.00	11.36 -0.11 0.00
HARDSCRABBLE_WT_PWR 323673	11.86 0.74 0.87	11.65 0.71 0.76	11.20 0.67 0.74	11.18 0.66 0.74	11.08 0.66 0.75	11.12 0.68 0.80	8.54 0.55 1.03	14.47 0.96 0.89	18.86 1.27 0.80	20.04 1.38 0.73	19.54 1.33 0.74	20.58 1.31 0.62	21.55 1.35 0.52	21.97 1.37 0.48	21.83 1.34 0.48	23.17 1.40 0.44	24.29 1.64 0.78	27.20 1.87 0.97	22.35 1.52 0.82	19.36 1.32 0.79	19.25 1.34 0.65	16.06 1.02 0.69	13.39 0.83 0.68	11.53 0.76 0.71
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.25 0.84 -31.43	39.96 0.82 -27.45	38.82 0.80 -26.74	39.07 0.80 -27.01	39.06 0.78 -27.11	41.20 0.77 -29.18	47.05 0.63 -37.40	47.75 1.07 -32.29	49.16 1.56 -29.20	47.68 1.63 -26.65	47.24 1.55 -26.74	44.24 1.65 -22.69	41.44 1.70 -19.02	40.36 1.79 -17.49	40.33 1.78 -17.58	40.12 1.96 -15.95	53.68 2.11 -28.13	63.96 2.42 -35.23	53.30 2.01 -29.64	49.28 1.73 -28.71	43.85 1.63 -23.66	42.02 1.27 -25.02	38.97 0.99 -24.74	38.02 0.85 -25.70
HARZA MOOSE___RIVER 24016	12.27 0.29 0.00	11.95 0.26 0.00	11.52 0.25 0.00	11.52 0.26 0.00	11.42 0.25 0.00	11.53 0.28 0.00	9.24 0.22 0.00	14.81 0.42 0.00	19.04 0.64 0.00	20.13 0.74 0.00	19.73 0.78 0.00	20.67 0.78 0.00	21.51 0.79 0.00	21.84 0.76 0.00	21.66 0.69 0.00	22.97 0.76 0.00	24.32 0.89 0.00	27.44 1.13 0.00	22.33 0.67 0.00	19.34 0.51 0.00	19.08 0.52 0.00	16.10 0.38 0.00	13.50 0.26 0.00	11.76 0.29 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.12 0.93 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.82 1.10 -27.24
HEMPSTEAD___ 23647	64.46 1.23 -51.24	55.51 1.20 -42.61	52.99 1.15 -40.56	52.20 1.15 -39.79	53.59 1.14 -41.28	52.21 1.11 -39.84	57.73 0.91 -47.80	55.49 1.50 -39.60	64.74 2.11 -44.23	63.48 2.17 -41.92	65.97 2.03 -44.99	65.40 2.21 -43.29	69.67 2.30 -46.65	71.63 2.38 -48.17	72.37 2.37 -49.03	73.55 2.58 -48.76	78.40 2.79 -52.18	95.14 3.10 -65.73	93.68 2.28 -69.43	84.43 2.28 -63.32	79.67 2.17 -58.93	76.99 1.76 -59.50	58.54 1.44 -43.87	54.46 1.23 -41.75
HICKLING___1 23621	21.12 0.30 -8.83	19.70 0.29 -7.72	19.03 0.24 -7.52	19.08 0.23 -7.59	19.01 0.22 -7.62	19.71 0.26 -8.20	19.72 0.19 -10.51	23.95 0.39 -9.17	27.05 0.37 -8.29	27.42 0.45 -7.58	26.91 0.36 -7.60	26.71 0.36 -6.45	26.51 0.37 -5.41	26.41 0.36 -4.97	26.33 0.36 -5.00	27.19 0.44 -4.54	31.78 0.44 -7.91	36.73 0.53 -9.90	30.54 0.56 -8.33	27.32 0.41 -8.07	25.65 0.44 -6.65	23.05 0.30 -7.03	20.36 0.17 -6.96	19.01 0.31 -7.22
HICKLING___2 23622	21.12 0.30 -8.83	19.70 0.29 -7.72	19.03 0.24 -7.52	19.08 0.23 -7.59	19.01 0.22 -7.62	19.71 0.26 -8.20	19.72 0.19 -10.51	23.95 0.39 -9.17	27.05 0.37 -8.29	27.42 0.45 -7.58	26.91 0.36 -7.60	26.71 0.36 -6.45	26.51 0.37 -5.41	26.41 0.36 -4.97	26.33 0.36 -5.00	27.19 0.44 -4.54	31.78 0.44 -7.91	36.73 0.53 -9.90	30.54 0.56 -8.33	27.32 0.41 -8.07	25.65 0.44 -6.65	23.05 0.30 -7.03	20.36 0.17 -6.96	19.01 0.31 -7.22
HIGH FALLS___HY 23754	46.07 0.82 -33.27	41.53 0.78 -29.05	40.35 0.77 -28.31	40.61 0.77 -28.59	40.61 0.75 -28.70	42.88 0.74 -30.89	49.23 0.62 -39.59	49.66 1.08 -34.18	50.90 1.60 -30.91	49.24 1.63 -28.21	48.80 1.55 -28.30	45.49 1.57 -24.02	42.51 1.66 -20.13	41.34 1.75 -18.51	41.32 1.74 -18.61	41.03 1.93 -16.88	55.36 2.15 -29.77	66.12 2.53 -37.29	55.08 2.06 -31.36	50.99 1.77 -30.39	45.29 1.69 -25.04	43.45 1.24 -26.48	40.37 0.95 -26.19	39.50 0.83 -27.20
HILLBURN___GT 23639	44.65 0.82 -31.85	40.32 0.81 -27.81	39.14 0.77 -27.10	39.40 0.77 -27.37	39.40 0.76 -27.47	41.56 0.73 -29.57	47.53 0.61 -37.90	48.20 1.08 -32.72	49.55 1.56 -29.59	48.04 1.63 -27.01	47.57 1.53 -27.09	44.48 1.59 -23.00	41.65 1.66 -19.27	40.53 1.73 -17.72	40.51 1.72 -17.82	40.26 1.89 -16.16	54.05 2.11 -28.51	64.40 2.39 -35.70	53.68 1.99 -30.03	49.68 1.75 -29.10	44.19 1.65 -23.97	42.34 1.26 -25.35	39.30 0.99 -25.07	38.35 0.84 -26.04
HISHELDN_WT_PWR 323625	18.06 -0.06 -6.13	17.01 -0.05 -5.36	16.39 -0.10 -5.22	16.41 -0.12 -5.27	16.33 -0.13 -5.29	16.86 -0.09 -5.69	16.20 -0.12 -7.30	20.33 -0.19 -6.12	23.39 -0.53 -5.53	23.93 -0.45 -4.98	23.37 -0.57 -4.99	23.48 -0.66 -4.24	23.59 -0.68 -3.55	23.61 -0.74 -3.27	23.54 -0.71 -3.28	24.50 -0.69 -2.98	28.36 -0.56 -5.49	32.41 -0.76 -6.87	27.06 -0.37 -5.78	24.11 -0.32 -5.60	22.86 -0.32 -4.61	20.26 -0.35 -4.88	17.65 -0.41 -4.83	16.41 -0.08 -5.01
HOLTSVILLE_IC_1 23690	64.75 1.52 -51.24	55.79 1.49 -42.61	53.23 1.40 -40.56	52.43 1.38 -39.79	53.82 1.37 -41.28	52.46 1.36 -39.84	57.96 1.15 -47.80	55.82 1.83 -39.60	65.15 2.52 -44.23	63.89 2.58 -41.92	66.29 2.35 -44.99	65.74 2.55 -43.29	70.00 2.63 -46.65	71.97 2.72 -48.17	72.71 2.71 -49.03	73.93 2.95 -48.76	78.86 3.26 -52.18	95.80 3.76 -65.73	94.22 3.14 -69.43	84.88 2.73 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.82 1.72 -43.87	54.75 1.53 -41.75
HOLTSVILLE_IC_10 23699	64.82 1.59 -51.24	55.86 1.56 -42.61	53.30 1.47 -40.56	52.50 1.45 -39.79	53.89 1.44 -41.28	52.52 1.43 -39.84	58.02 1.20 -47.80	55.91 1.91 -39.60	65.26 2.63 -44.23	63.99 2.68 -41.92	66.40 2.46 -44.99	65.86 2.67 -43.29	70.12 2.76 -46.65	72.12 2.87 -48.17	72.85 2.85 -49.03	74.11 3.13 -48.76	79.05 3.45 -52.18	96.01 3.97 -65.73	94.41 3.33 -69.43	85.05 2.90 -63.32	80.19 2.69 -58.93	77.38 2.15 -59.50	58.93 1.83 -43.87	54.82 1.59 -41.75
HOLTSVILLE_IC_2 23691	64.75 1.52 -51.24	55.79 1.49 -42.61	53.23 1.40 -40.56	52.43 1.38 -39.79	53.82 1.37 -41.28	52.46 1.36 -39.84	57.96 1.15 -47.80	55.82 1.83 -39.60	65.15 2.52 -44.23	63.89 2.58 -41.92	66.29 2.35 -44.99	65.74 2.55 -43.29	70.00 2.63 -46.65	71.97 2.72 -48.17	72.71 2.71 -49.03	73.93 2.95 -48.76	78.86 3.26 -52.18	95.80 3.76 -65.73	94.22 3.14 -69.43	84.88 2.73 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.82 1.72 -43.87	54.75 1.53 -41.75
HOLTSVILLE_IC_3 23692	64.75 1.52 -51.24	55.79 1.49 -42.61	53.23 1.40 -40.56	52.43 1.38 -39.79	53.82 1.37 -41.28	52.46 1.36 -39.84	57.96 1.15 -47.80	55.82 1.83 -39.60	65.15 2.52 -44.23	63.89 2.58 -41.92	66.29 2.35 -44.99	65.74 2.55 -43.29	70.00 2.63 -46.65	71.97 2.72 -48.17	72.71 2.71 -49.03	73.93 2.95 -48.76	78.86 3.26 -52.18	95.80 3.76 -65.73	94.22 3.14 -69.43	84.88 2.73 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.82 1.72 -43.87	54.75 1.53 -41.75

HOLTSVILLE_IC_4 23693	64.75 1.52 -51.24	55.79 1.49 -42.61	53.23 1.40 -40.56	52.43 1.38 -39.79	53.82 1.37 -41.28	52.46 1.36 -39.84	57.96 1.15 -47.80	55.82 1.83 -39.60	65.15 2.52 -44.23	63.89 2.58 -41.92	66.29 2.35 -44.99	65.74 2.55 -43.29	70.00 2.63 -46.65	71.97 2.72 -48.17	72.71 2.71 -49.03	73.93 2.95 -48.76	78.86 3.26 -52.18	95.80 3.76 -65.73	94.22 3.14 -69.43	84.88 2.73 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.82 1.72 -43.87	54.75 1.53 -41.75
HOLTSVILLE_IC_5 23694	64.75 1.52 -51.24	55.79 1.49 -42.61	53.23 1.40 -40.56	52.43 1.38 -39.79	53.82 1.37 -41.28	52.46 1.36 -39.84	57.96 1.15 -47.80	55.82 1.83 -39.60	65.15 2.52 -44.23	63.89 2.58 -41.92	66.29 2.35 -44.99	65.74 2.55 -43.29	70.00 2.63 -46.65	71.97 2.72 -48.17	72.71 2.71 -49.03	73.93 2.95 -48.76	78.86 3.26 -52.18	95.80 3.76 -65.73	94.22 3.14 -69.43	84.88 2.73 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.82 1.72 -43.87	54.75 1.53 -41.75
HOLTSVILLE_IC_6 23695	64.82 1.59 -51.24	55.86 1.56 -42.61	53.30 1.47 -40.56	52.50 1.45 -39.79	53.89 1.44 -41.28	52.52 1.43 -39.84	58.02 1.20 -47.80	55.91 1.91 -39.60	65.26 2.63 -44.23	63.99 2.68 -41.92	66.40 2.46 -44.99	65.86 2.67 -43.29	70.12 2.76 -46.65	72.12 2.87 -48.17	72.85 2.85 -49.03	74.11 3.13 -48.76	79.05 3.45 -52.18	96.01 3.97 -65.73	94.41 3.33 -69.43	85.05 2.90 -63.32	80.19 2.69 -58.93	77.38 2.15 -59.50	58.93 1.83 -43.87	54.82 1.59 -41.75
HOLTSVILLE_IC_7 23696	64.82 1.59 -51.24	55.86 1.56 -42.61	53.30 1.47 -40.56	52.50 1.45 -39.79	53.89 1.44 -41.28	52.52 1.43 -39.84	58.02 1.20 -47.80	55.91 1.91 -39.60	65.26 2.63 -44.23	63.99 2.68 -41.92	66.40 2.46 -44.99	65.86 2.67 -43.29	70.12 2.76 -46.65	72.12 2.87 -48.17	72.85 2.85 -49.03	74.11 3.13 -48.76	79.05 3.45 -52.18	96.01 3.97 -65.73	94.41 3.33 -69.43	85.05 2.90 -63.32	80.19 2.69 -58.93	77.38 2.15 -59.50	58.93 1.83 -43.87	54.82 1.59 -41.75
HOLTSVILLE_IC_8 23697	64.82 1.59 -51.24	55.86 1.56 -42.61	53.30 1.47 -40.56	52.50 1.45 -39.79	53.89 1.44 -41.28	52.52 1.43 -39.84	58.02 1.20 -47.80	55.91 1.91 -39.60	65.26 2.63 -44.23	63.99 2.68 -41.92	66.40 2.46 -44.99	65.86 2.67 -43.29	70.12 2.76 -46.65	72.12 2.87 -48.17	72.85 2.85 -49.03	74.11 3.13 -48.76	79.05 3.45 -52.18	96.01 3.97 -65.73	94.41 3.33 -69.43	85.05 2.90 -63.32	80.19 2.69 -58.93	77.38 2.15 -59.50	58.93 1.83 -43.87	54.82 1.59 -41.75
HOLTSVILLE_IC_9 23698	64.82 1.59 -51.24	55.86 1.56 -42.61	53.30 1.47 -40.56	52.50 1.45 -39.79	53.89 1.44 -41.28	52.52 1.43 -39.84	58.02 1.20 -47.80	55.91 1.91 -39.60	65.26 2.63 -44.23	63.99 2.68 -41.92	66.40 2.46 -44.99	65.86 2.67 -43.29	70.12 2.76 -46.65	72.12 2.87 -48.17	72.85 2.85 -49.03	74.11 3.13 -48.76	79.05 3.45 -52.18	96.01 3.97 -65.73	94.41 3.33 -69.43	85.05 2.90 -63.32	80.19 2.69 -58.93	77.38 2.15 -59.50	58.93 1.83 -43.87	54.82 1.59 -41.75
HOWARD_WT_PWR 323690	19.26 0.32 -6.95	18.09 0.33 -6.07	17.44 0.25 -5.91	17.48 0.25 -5.97	17.40 0.23 -5.99	17.99 0.28 -6.45	17.49 0.20 -8.27	21.87 0.42 -7.06	25.12 0.35 -6.38	25.62 0.45 -5.78	25.09 0.34 -5.80	25.12 0.30 -4.92	25.18 0.33 -4.13	25.13 0.25 -3.79	25.04 0.25 -3.81	26.01 0.33 -3.46	30.16 0.51 -6.22	34.70 0.61 -7.79	28.85 0.65 -6.55	25.65 0.47 -6.35	24.33 0.54 -5.23	21.55 0.30 -5.53	18.84 0.13 -5.47	17.47 0.31 -5.68
HQ_GEN_CEDARS 23644	11.41 -0.58 0.00	11.14 -0.56 0.00	10.88 -0.39 0.00	10.88 -0.38 0.00	10.88 -0.29 0.00	10.88 -0.37 0.00	8.79 -0.23 0.00	13.66 -0.73 0.00	17.49 -0.90 0.00	18.52 -0.87 0.00	18.17 -0.78 0.00	19.08 -0.82 0.00	19.87 -0.85 0.00	20.23 -0.84 0.00	20.15 -0.82 0.00	21.24 -0.98 0.00	22.24 -1.19 0.00	24.94 -1.37 0.00	20.44 -1.21 0.00	17.78 -1.05 0.00	17.48 -1.08 0.00	14.91 -0.82 0.00	12.58 -0.65 0.00	10.88 -0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	11.41 -0.58 0.00	11.14 -0.56 0.00	10.88 -0.39 0.00	10.88 -0.38 0.00	10.88 -0.29 0.00	10.88 -0.37 0.00	8.79 -0.23 0.00	13.66 -0.73 0.00	17.49 -0.90 0.00	18.52 -0.87 0.00	18.17 -0.78 0.00	19.08 -0.82 0.00	19.87 -0.85 0.00	20.23 -0.84 0.00	20.15 -0.82 0.00	21.24 -0.98 0.00	22.24 -1.19 0.00	24.94 -1.37 0.00	20.44 -1.21 0.00	17.78 -1.05 0.00	17.48 -1.08 0.00	14.91 -0.82 0.00	12.58 -0.65 0.00	10.88 -0.60 0.00
HQ_GEN_IMPORT 323601	11.65 -0.34 0.00	11.37 -0.33 0.00	10.98 -0.29 0.00	10.97 -0.29 0.00	10.89 -0.28 0.00	10.96 -0.29 0.00	8.79 -0.23 0.00	13.99 -0.40 0.00	17.88 -0.51 0.00	18.87 -0.52 0.00	18.46 -0.49 0.00	19.38 -0.52 0.00	20.18 -0.54 0.00	20.53 -0.55 0.00	20.45 -0.52 0.00	21.61 -0.60 0.00	22.75 -0.68 0.00	25.52 -0.79 0.00	21.00 -0.65 0.00	18.27 -0.56 0.00	17.99 -0.58 0.00	15.25 -0.47 0.00	12.89 -0.34 0.00	11.13 -0.34 0.00
HQ_GEN_WHEEL 23651	11.65 -0.34 0.00	11.37 -0.33 0.00	10.98 -0.29 0.00	10.97 -0.29 0.00	10.89 -0.28 0.00	10.96 -0.29 0.00	8.79 -0.23 0.00	13.99 -0.40 0.00	17.88 -0.51 0.00	18.87 -0.52 0.00	18.46 -0.49 0.00	19.38 -0.52 0.00	20.18 -0.54 0.00	20.53 -0.55 0.00	20.45 -0.52 0.00	21.61 -0.60 0.00	22.75 -0.68 0.00	25.52 -0.79 0.00	21.00 -0.65 0.00	18.27 -0.56 0.00	17.99 -0.58 0.00	15.25 -0.47 0.00	12.89 -0.34 0.00	11.13 -0.34 0.00
HUDSON_AVE_GT_3 23810	46.35 1.05 -33.31	41.83 1.04 -29.09	40.60 0.98 -28.35	40.87 0.98 -28.63	40.88 0.97 -28.73	43.12 0.93 -30.93	49.44 0.78 -39.64	49.93 1.31 -34.23	51.22 1.88 -30.95	49.55 1.90 -28.25	49.09 1.80 -28.34	45.94 1.99 -24.05	42.93 2.05 -20.16	41.74 2.13 -18.54	41.72 2.12 -18.64	41.43 2.31 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.43 2.36 -31.41	51.36 2.09 -30.44	45.59 1.95 -25.08	43.82 1.57 -26.52	40.73 1.27 -26.22	39.78 1.07 -27.24
HUDSON_AVE_GT_4 23540	46.35 1.05 -33.31	41.83 1.04 -29.09	40.60 0.98 -28.35	40.87 0.98 -28.63	40.88 0.97 -28.73	43.12 0.93 -30.93	49.44 0.78 -39.64	49.93 1.31 -34.23	51.22 1.88 -30.95	49.55 1.90 -28.25	49.09 1.80 -28.34	45.94 1.99 -24.05	42.93 2.05 -20.16	41.74 2.13 -18.54	41.72 2.12 -18.64	41.43 2.31 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.43 2.36 -31.41	51.36 2.09 -30.44	45.59 1.95 -25.08	43.82 1.57 -26.52	40.73 1.27 -26.22	39.78 1.07 -27.24
HUDSON_AVE_GT_5 23657	46.35 1.05 -33.31	41.83 1.04 -29.09	40.60 0.98 -28.35	40.87 0.98 -28.63	40.88 0.97 -28.73	43.12 0.93 -30.93	49.44 0.78 -39.64	49.93 1.31 -34.23	51.22 1.88 -30.95	49.55 1.90 -28.25	49.09 1.80 -28.34	45.94 1.99 -24.05	42.93 2.05 -20.16	41.74 2.13 -18.54	41.72 2.12 -18.64	41.43 2.31 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.43 2.36 -31.41	51.36 2.09 -30.44	45.59 1.95 -25.08	43.82 1.57 -26.52	40.73 1.27 -26.22	39.78 1.07 -27.24
HUDSON_AVE_10 24168	46.31 1.02 -33.31	41.79 1.01 -29.09	40.57 0.95 -28.35	40.83 0.95 -28.63	40.83 0.93 -28.73	43.09 0.90 -30.93	49.43 0.77 -39.64	49.90 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.01 1.72 -28.34	45.86 1.91 -24.05	42.85 1.97 -20.16	41.68 2.07 -18.54	41.64 2.03 -18.64	41.34 2.22 -16.91	55.71 2.46 -29.82	66.34 2.68 -37.35	55.34 2.27 -31.41	51.30 2.03 -30.44	45.53 1.89 -25.08	43.77 1.53 -26.52	40.70 1.24 -26.22	39.75 1.03 -27.24

HUNTER MOUNT___DRP 323613	49.61 1.09 -36.54	44.62 1.02 -31.91	43.38 1.02 -31.09	43.67 1.01 -31.40	43.69 1.01 -31.52	46.19 1.01 -33.93	53.32 0.83 -43.48	53.17 1.24 -37.54	54.10 1.77 -33.94	52.18 1.80 -30.98	51.82 1.80 -31.07	48.26 1.99 -26.38	44.88 2.05 -22.11	43.51 2.11 -20.33	43.48 2.08 -20.44	43.02 2.27 -18.54	58.40 2.27 -32.70	70.01 2.76 -40.95	58.33 2.23 -34.44	54.05 1.85 -33.37	47.84 1.78 -27.49	46.28 1.48 -29.08	43.12 1.12 -28.76	42.34 0.99 -29.87
HUNTINGTON_RES_REC 323705	64.62 1.39 -51.24	55.66 1.36 -42.61	53.11 1.27 -40.56	52.31 1.26 -39.79	53.70 1.25 -41.28	52.32 1.23 -39.84	57.85 1.04 -47.80	55.66 1.67 -39.60	64.96 2.34 -44.23	63.72 2.40 -41.92	66.15 2.22 -44.99	65.62 2.43 -43.29	69.87 2.51 -46.65	71.86 2.61 -48.17	72.60 2.60 -49.03	73.80 2.82 -48.76	78.58 2.98 -52.18	95.40 3.37 -65.73	93.89 2.81 -69.43	84.62 2.47 -63.32	79.78 2.28 -58.93	77.11 1.89 -59.50	58.73 1.63 -43.87	54.63 1.40 -41.75
HUNTLEY___63 23557	17.18 -0.19 -5.38	16.22 -0.18 -4.70	15.63 -0.23 -4.58	15.62 -0.27 -4.63	15.55 -0.27 -4.64	16.02 -0.22 -5.00	15.16 -0.26 -6.41	19.26 -0.43 -5.29	22.30 -0.88 -4.79	22.86 -0.81 -4.28	22.27 -0.97 -4.29	22.48 -1.06 -3.64	22.66 -1.12 -3.05	22.73 -1.16 -2.81	22.64 -1.15 -2.82	23.64 -1.13 -2.56	27.24 -1.01 -4.81	31.02 -1.31 -6.03	25.92 -0.80 -5.07	23.09 -0.66 -4.91	21.94 -0.67 -4.05	19.36 -0.65 -4.28	16.80 -0.67 -4.24	15.63 -0.25 -4.40
HUNTLEY___64 23558	17.18 -0.19 -5.38	16.22 -0.18 -4.70	15.63 -0.23 -4.58	15.62 -0.27 -4.63	15.55 -0.27 -4.64	16.02 -0.22 -5.00	15.16 -0.26 -6.41	19.26 -0.43 -5.29	22.30 -0.88 -4.79	22.86 -0.81 -4.28	22.27 -0.97 -4.29	22.48 -1.06 -3.64	22.66 -1.12 -3.05	22.73 -1.16 -2.81	22.64 -1.15 -2.82	23.64 -1.13 -2.56	27.24 -1.01 -4.81	31.02 -1.31 -6.03	25.92 -0.80 -5.07	23.09 -0.66 -4.91	21.94 -0.67 -4.05	19.36 -0.65 -4.28	16.80 -0.67 -4.24	15.63 -0.25 -4.40
HUNTLEY___65 23559	17.18 -0.19 -5.38	16.22 -0.18 -4.70	15.63 -0.23 -4.58	15.62 -0.27 -4.63	15.55 -0.27 -4.64	16.02 -0.22 -5.00	15.16 -0.26 -6.41	19.26 -0.43 -5.29	22.30 -0.88 -4.79	22.86 -0.81 -4.28	22.27 -0.97 -4.29	22.48 -1.06 -3.64	22.66 -1.12 -3.05	22.73 -1.16 -2.81	22.64 -1.15 -2.82	23.64 -1.13 -2.56	27.24 -1.01 -4.81	31.02 -1.31 -6.03	25.92 -0.80 -5.07	23.09 -0.66 -4.91	21.94 -0.67 -4.05	19.36 -0.65 -4.28	16.80 -0.67 -4.24	15.63 -0.25 -4.40
HUNTLEY___66 23560	17.18 -0.19 -5.38	16.22 -0.18 -4.70	15.63 -0.23 -4.58	15.62 -0.27 -4.63	15.55 -0.27 -4.64	16.02 -0.22 -5.00	15.16 -0.26 -6.41	19.26 -0.43 -5.29	22.30 -0.88 -4.79	22.86 -0.81 -4.28	22.27 -0.97 -4.29	22.48 -1.06 -3.64	22.66 -1.12 -3.05	22.73 -1.16 -2.81	22.64 -1.15 -2.82	23.64 -1.13 -2.56	27.24 -1.01 -4.81	31.02 -1.31 -6.03	25.92 -0.80 -5.07	23.09 -0.66 -4.91	21.94 -0.67 -4.05	19.36 -0.65 -4.28	16.80 -0.67 -4.24	15.63 -0.25 -4.40
HUNTLEY___67 23561	17.24 -0.25 -5.50	16.28 -0.22 -4.81	15.68 -0.28 -4.68	15.68 -0.32 -4.73	15.61 -0.31 -4.75	16.08 -0.28 -5.11	15.29 -0.28 -6.55	19.33 -0.47 -5.41	22.35 -0.94 -4.89	22.90 -0.87 -4.37	22.31 -1.02 -4.39	22.49 -1.13 -3.72	22.66 -1.18 -3.12	22.72 -1.22 -2.87	22.64 -1.22 -2.89	23.61 -1.22 -2.62	27.23 -1.12 -4.92	31.05 -1.42 -6.16	25.97 -0.87 -5.19	23.14 -0.72 -5.02	22.00 -0.71 -4.14	19.43 -0.68 -4.38	16.88 -0.69 -4.33	15.71 -0.26 -4.50
HUNTLEY___68 23562	17.24 -0.25 -5.50	16.28 -0.22 -4.81	15.68 -0.28 -4.68	15.68 -0.32 -4.73	15.61 -0.31 -4.75	16.08 -0.28 -5.11	15.29 -0.28 -6.55	19.33 -0.47 -5.41	22.35 -0.94 -4.89	22.90 -0.87 -4.37	22.31 -1.02 -4.39	22.49 -1.13 -3.72	22.66 -1.18 -3.12	22.72 -1.22 -2.87	22.64 -1.22 -2.89	23.61 -1.22 -2.62	27.23 -1.12 -4.92	31.05 -1.42 -6.16	25.97 -0.87 -5.19	23.14 -0.72 -5.02	22.00 -0.71 -4.14	19.43 -0.68 -4.38	16.88 -0.69 -4.33	15.71 -0.26 -4.50
HYLAND___LFGE 323620	18.45 0.62 -5.84	17.38 0.58 -5.10	16.75 0.51 -4.97	16.77 0.50 -5.02	16.70 0.49 -5.04	17.19 0.52 -5.42	16.39 0.42 -6.95	20.95 0.65 -5.91	24.42 0.68 -5.35	25.03 0.80 -4.84	24.54 0.74 -4.85	24.87 0.85 -4.12	25.01 0.83 -3.45	25.10 0.84 -3.18	25.00 0.84 -3.19	26.06 0.95 -2.90	29.73 1.08 -5.22	34.22 1.37 -6.54	28.43 1.28 -5.50	25.11 0.94 -5.33	23.90 0.95 -4.39	21.14 0.77 -4.65	18.27 0.44 -4.60	16.79 0.54 -4.77
INDECK___CORINTH 23802	59.54 1.22 -46.34	53.34 1.18 -40.47	51.81 1.11 -39.43	52.20 1.12 -39.82	52.25 1.11 -39.97	55.46 1.18 -43.03	65.11 0.95 -55.14	63.55 1.56 -47.60	63.55 2.11 -43.04	60.98 2.31 -39.28	60.60 2.25 -39.40	55.61 2.27 -33.44	51.05 2.30 -28.03	49.13 2.28 -25.77	49.10 2.22 -25.91	48.10 2.38 -23.51	67.59 2.72 -41.44	81.28 3.08 -51.90	67.73 2.42 -43.65	63.16 2.03 -42.29	55.38 1.97 -34.85	54.17 1.59 -36.85	50.95 1.24 -36.48	50.40 1.03 -37.89
INDECK___ILION 23567	11.57 0.46 0.87	11.38 0.44 0.76	10.94 0.41 0.74	10.92 0.40 0.74	10.82 0.40 0.75	10.86 0.42 0.80	8.32 0.33 1.03	14.11 0.60 0.89	18.38 0.79 0.80	19.51 0.85 0.73	19.05 0.83 0.74	20.09 0.82 0.62	21.03 0.83 0.52	21.44 0.84 0.48	21.30 0.82 0.48	22.64 0.87 0.44	23.68 1.03 0.78	26.52 1.18 0.97	21.79 0.95 0.82	18.85 0.81 0.79	18.72 0.82 0.65	15.67 0.63 0.69	13.05 0.50 0.68	11.23 0.46 0.71
INDECK___OLEAN 23982	18.55 0.16 -6.41	17.48 0.19 -5.60	16.86 0.12 -5.46	16.86 0.09 -5.51	16.78 0.08 -5.53	17.32 0.11 -5.96	16.72 0.07 -7.63	20.75 0.11 -6.24	23.92 0.02 -5.64	24.42 -0.21 -5.00	23.76 -0.21 -5.02	23.90 -0.26 -4.26	24.02 -0.27 -3.57	24.06 -0.30 -3.28	23.98 -0.29 -3.30	25.01 -0.20 -2.99	29.24 0.07 -5.74	33.41 -0.08 -7.18	27.89 0.19 -6.04	24.82 0.13 -5.86	23.50 0.11 -4.82	20.83 0.00 -5.10	18.18 -0.11 -5.05	16.87 0.15 -5.24
INDECK___OSWEGO 23783	14.36 -0.17 -2.55	13.75 -0.18 -2.22	13.26 -0.18 -2.17	13.27 -0.18 -2.19	13.18 -0.19 -2.20	13.44 -0.18 -2.37	11.91 -0.14 -3.03	16.81 -0.19 -2.60	20.44 -0.31 -2.35	21.21 -0.33 -2.14	20.76 -0.34 -2.15	21.34 -0.38 -1.83	21.86 -0.39 -1.53	22.06 -0.42 -1.41	21.94 -0.44 -1.41	23.05 -0.44 -1.28	25.31 -0.40 -2.28	28.77 -0.39 -2.85	23.71 -0.35 -2.40	20.84 -0.32 -2.33	20.22 -0.26 -1.92	17.53 -0.22 -2.03	15.05 -0.19 -2.01	13.43 -0.13 -2.08
INDECK___YERKES 23781	17.19 -0.18 -5.38	16.23 -0.16 -4.70	15.64 -0.21 -4.58	15.63 -0.26 -4.63	15.56 -0.26 -4.64	16.04 -0.21 -5.00	15.17 -0.25 -6.41	19.27 -0.42 -5.29	22.32 -0.86 -4.79	22.88 -0.80 -4.28	22.29 -0.95 -4.29	22.50 -1.04 -3.64	22.68 -1.10 -3.05	22.75 -1.14 -2.81	22.66 -1.13 -2.82	23.64 -1.13 -2.56	27.26 -0.98 -4.81	31.05 -1.29 -6.03	25.95 -0.78 -5.07	23.11 -0.64 -4.91	21.96 -0.65 -4.05	19.38 -0.63 -4.28	16.81 -0.66 -4.24	15.64 -0.24 -4.40
INDIAN POINT_GT_1 24139	45.91 0.90 -33.03	41.42 0.88 -28.85	40.23 0.85 -28.11	40.49 0.85 -28.38	40.49 0.83 -28.49	42.72 0.80 -30.67	48.99 0.67 -39.30	49.44 1.11 -33.94	50.70 1.62 -30.69	49.08 1.67 -28.01	48.64 1.59 -28.10	45.48 1.73 -23.85	42.49 1.78 -19.99	41.31 1.86 -18.38	41.29 1.85 -18.48	41.00 2.02 -16.76	55.18 2.18 -29.57	65.79 2.45 -37.03	54.84 2.03 -31.15	50.80 1.79 -30.18	45.13 1.71 -24.87	43.38 1.35 -26.30	40.31 1.07 -26.00	39.40 0.92 -27.01

INDIAN POINT_GT_2 23659	45.91 0.90 -33.03	41.42 0.88 -28.85	40.23 0.85 -28.11	40.49 0.85 -28.38	40.49 0.83 -28.49	42.72 0.80 -30.67	48.99 0.67 -39.30	49.44 1.11 -33.94	50.70 1.62 -30.69	49.08 1.67 -28.01	48.64 1.59 -28.10	45.48 1.73 -23.85	42.49 1.78 -19.99	41.31 1.86 -18.38	41.29 1.85 -18.48	41.00 2.02 -16.76	55.18 2.18 -29.57	65.79 2.45 -37.03	54.84 2.03 -31.15	50.80 1.79 -30.18	45.13 1.71 -24.87	43.38 1.35 -26.30	40.31 1.07 -26.00	39.40 0.92 -27.01
INDIAN POINT_GT_3 24019	45.91 0.90 -33.03	41.42 0.88 -28.85	40.23 0.85 -28.11	40.49 0.85 -28.38	40.49 0.83 -28.49	42.72 0.80 -30.67	48.99 0.67 -39.30	49.44 1.11 -33.94	50.70 1.62 -30.69	49.08 1.67 -28.01	48.64 1.59 -28.10	45.48 1.73 -23.85	42.49 1.78 -19.99	41.31 1.86 -18.38	41.29 1.85 -18.48	41.00 2.02 -16.76	55.18 2.18 -29.57	65.79 2.45 -37.03	54.84 2.03 -31.15	50.80 1.79 -30.18	45.13 1.71 -24.87	43.38 1.35 -26.30	40.31 1.07 -26.00	39.40 0.92 -27.01
INDIAN POINT___2 23530	45.48 0.89 -32.61	41.04 0.87 -28.48	39.85 0.82 -27.75	40.12 0.83 -28.02	40.11 0.82 -28.13	42.32 0.79 -30.28	48.48 0.66 -38.80	49.00 1.09 -33.51	50.27 1.58 -30.30	48.68 1.63 -27.66	48.22 1.53 -27.74	45.13 1.69 -23.55	42.20 1.74 -19.73	41.04 1.81 -18.15	41.02 1.80 -18.24	40.74 1.98 -16.55	54.76 2.13 -29.19	65.26 2.39 -36.56	54.40 1.99 -30.75	50.38 1.75 -29.79	44.76 1.65 -24.55	43.01 1.32 -25.96	39.95 1.05 -25.67	39.04 0.90 -26.66
INDIAN POINT___3 23531	45.88 0.84 -33.05	41.38 0.82 -28.87	40.18 0.78 -28.12	40.45 0.79 -28.40	40.45 0.77 -28.51	42.69 0.74 -30.69	48.97 0.62 -39.33	49.39 1.04 -33.96	50.61 1.51 -30.71	48.98 1.55 -28.03	48.54 1.48 -28.12	45.37 1.61 -23.87	42.38 1.66 -20.00	41.20 1.73 -18.39	41.18 1.72 -18.49	40.87 1.89 -16.77	55.06 2.04 -29.59	65.65 2.29 -37.06	54.73 1.91 -31.17	50.71 1.68 -30.20	45.02 1.58 -24.88	43.30 1.26 -26.31	40.24 0.99 -26.02	39.35 0.85 -27.02
IP CORINTH___1 23988	59.54 1.22 -46.34	53.34 1.18 -40.47	51.81 1.11 -39.43	52.20 1.12 -39.82	52.25 1.11 -39.97	55.46 1.18 -43.03	65.11 0.95 -55.14	63.55 1.56 -47.60	63.55 2.11 -43.04	60.98 2.31 -39.28	60.60 2.25 -39.40	55.61 2.27 -33.44	51.05 2.30 -28.03	49.13 2.28 -25.77	49.10 2.22 -25.91	48.10 2.38 -23.51	67.59 2.72 -41.44	81.28 3.08 -51.90	67.73 2.42 -43.65	63.16 2.03 -42.29	55.38 1.97 -34.85	54.17 1.59 -36.85	50.95 1.24 -36.48	50.40 1.03 -37.89
IP___TICONDEROGA 23804	59.92 1.67 -46.27	53.72 1.61 -40.41	52.16 1.51 -39.37	52.54 1.52 -39.76	52.59 1.51 -39.91	55.84 1.62 -42.96	65.40 1.33 -55.06	64.15 2.23 -47.53	64.42 3.05 -42.98	61.93 3.32 -39.22	61.55 3.26 -39.34	56.43 3.14 -33.39	51.84 3.13 -27.99	49.87 3.06 -25.73	49.82 2.98 -25.87	48.86 3.18 -23.47	68.61 4.24 -41.38	82.36 4.36 -51.82	68.60 3.36 -43.59	63.85 2.79 -42.23	56.07 2.71 -34.80	54.62 2.09 -36.80	51.26 1.60 -36.42	50.64 1.33 -37.83
ISLIP_RES_REC 323679	64.89 1.67 -51.24	55.92 1.61 -42.61	53.35 1.51 -40.56	52.56 1.51 -39.79	53.95 1.50 -41.28	52.58 1.49 -39.84	58.06 1.25 -47.80	55.98 1.99 -39.60	65.37 2.74 -44.23	64.11 2.79 -41.92	66.49 2.56 -44.99	65.95 2.76 -43.29	70.25 2.88 -46.65	72.24 2.99 -48.17	72.98 2.98 -49.03	74.24 3.27 -48.76	79.22 3.61 -52.18	96.24 4.21 -65.73	94.61 3.53 -69.43	85.20 3.05 -63.32	80.34 2.84 -58.93	77.49 2.27 -59.50	58.99 1.89 -43.87	54.89 1.66 -41.75
JARVIS____ 23743	11.23 0.11 0.87	11.04 0.11 0.76	10.63 0.09 0.74	10.62 0.10 0.74	10.51 0.09 0.75	10.54 0.09 0.80	8.05 0.06 1.03	13.63 0.13 0.89	17.77 0.18 0.80	18.86 0.19 0.73	18.42 0.21 0.74	19.47 0.20 0.62	20.41 0.21 0.52	20.79 0.19 0.48	20.67 0.19 0.48	22.00 0.22 0.44	22.91 0.26 0.78	25.62 0.29 0.97	21.05 0.22 0.82	18.23 0.19 0.79	18.11 0.20 0.65	15.18 0.14 0.69	12.67 0.12 0.68	10.87 0.10 0.71
JENNISON___1 23625	24.31 0.65 -11.68	22.52 0.62 -10.20	21.77 0.55 -9.94	21.86 0.56 -10.04	21.76 0.51 -10.08	22.66 0.56 -10.85	23.36 0.44 -13.90	27.31 0.86 -12.06	30.51 1.21 -10.90	30.64 1.28 -9.97	30.18 1.23 -10.00	29.66 1.27 -8.49	29.14 1.31 -7.11	28.88 1.26 -6.54	28.76 1.22 -6.57	29.56 1.38 -5.96	35.50 1.62 -10.45	41.39 2.00 -13.09	34.11 1.45 -11.01	30.69 1.19 -10.67	28.48 1.13 -8.79	25.87 0.85 -9.29	23.05 0.62 -9.19	21.65 0.62 -9.55
JENNISON___2 23626	24.31 0.65 -11.68	22.52 0.62 -10.20	21.77 0.55 -9.94	21.86 0.56 -10.04	21.76 0.51 -10.08	22.66 0.56 -10.85	23.36 0.44 -13.90	27.31 0.86 -12.06	30.51 1.21 -10.90	30.64 1.28 -9.97	30.18 1.23 -10.00	29.66 1.27 -8.49	29.14 1.31 -7.11	28.88 1.26 -6.54	28.76 1.22 -6.57	29.56 1.38 -5.96	35.50 1.62 -10.45	41.39 2.00 -13.09	34.11 1.45 -11.01	30.69 1.19 -10.67	28.48 1.13 -8.79	25.87 0.85 -9.29	23.05 0.62 -9.19	21.65 0.62 -9.55
JERICHO_RISE_WT_PWR 323719	11.70 -0.29 0.00	11.43 -0.27 0.00	11.05 -0.23 0.00	11.05 -0.21 0.00	10.97 -0.20 0.00	11.04 -0.21 0.00	8.86 -0.16 0.00	14.04 -0.36 0.00	17.95 -0.44 0.00	18.95 -0.45 0.00	18.57 -0.38 0.00	19.50 -0.40 0.00	20.33 -0.39 0.00	20.72 -0.36 0.00	20.66 -0.31 0.00	21.77 -0.44 0.00	22.78 -0.66 0.00	25.57 -0.74 0.00	21.00 -0.65 0.00	18.27 -0.56 0.00	17.88 -0.69 0.00	15.21 -0.52 0.00	12.82 -0.41 0.00	11.05 -0.42 0.00
KCE_NY_1 323755	59.26 1.11 -46.16	53.09 1.08 -40.32	51.57 1.02 -39.28	51.95 1.01 -39.67	52.00 1.01 -39.82	55.18 1.06 -42.87	64.79 0.84 -54.93	63.18 1.37 -47.42	63.11 1.84 -42.88	60.53 2.00 -39.13	60.13 1.93 -39.25	55.18 1.97 -33.32	50.66 2.01 -27.92	48.78 2.02 -25.68	48.75 1.97 -25.82	47.72 2.09 -23.42	67.06 2.34 -41.29	80.67 2.66 -51.70	67.27 2.12 -43.49	62.78 1.81 -42.13	55.02 1.74 -34.72	53.87 1.43 -36.72	50.71 1.14 -36.34	50.19 0.96 -37.74
KEDC PORT_JEFF_GT2 24210	64.78 1.55 -51.24	55.81 1.51 -42.61	53.26 1.42 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.48 1.38 -39.84	57.98 1.16 -47.80	55.87 1.87 -39.60	65.20 2.57 -44.23	63.95 2.64 -41.92	66.34 2.41 -44.99	65.80 2.61 -43.29	70.06 2.69 -46.65	72.05 2.80 -48.17	72.77 2.77 -49.03	74.02 3.04 -48.76	78.96 3.35 -52.18	95.90 3.87 -65.73	94.33 3.25 -69.43	84.98 2.82 -63.32	80.11 2.62 -58.93	77.32 2.09 -59.50	58.88 1.77 -43.87	54.78 1.55 -41.75
KEDC PORT_JEFF_GT3 24211	64.78 1.55 -51.24	55.81 1.51 -42.61	53.26 1.42 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.48 1.38 -39.84	57.98 1.16 -47.80	55.87 1.87 -39.60	65.20 2.57 -44.23	63.95 2.64 -41.92	66.34 2.41 -44.99	65.80 2.61 -43.29	70.06 2.69 -46.65	72.05 2.80 -48.17	72.77 2.77 -49.03	74.02 3.04 -48.76	78.96 3.35 -52.18	95.90 3.87 -65.73	94.33 3.25 -69.43	84.98 2.82 -63.32	80.11 2.62 -58.93	77.32 2.09 -59.50	58.88 1.77 -43.87	54.78 1.55 -41.75
KEDC_GLWD_GT4 24219	64.39 1.16 -51.24	55.44 1.13 -42.61	52.96 1.13 -40.56	52.18 1.13 -39.79	53.56 1.11 -41.28	52.18 1.08 -39.84	57.68 0.87 -47.80	55.42 1.43 -39.60	64.67 2.04 -44.23	63.41 2.10 -41.92	65.93 1.99 -44.99	65.34 2.15 -43.29	69.61 2.24 -46.65	71.57 2.32 -48.17	72.31 2.31 -49.03	73.49 2.51 -48.76	78.33 2.72 -52.18	95.06 3.02 -65.73	93.61 2.53 -69.43	84.39 2.24 -63.32	79.61 2.12 -58.93	76.94 1.71 -59.50	58.48 1.38 -43.87	54.40 1.17 -41.75

KEDC_GLWD_GT5 24220	64.39 1.16 -51.24	55.44 1.13 -42.61	52.96 1.13 -40.56	52.18 1.13 -39.79	53.56 1.11 -41.28	52.18 1.08 -39.84	57.68 0.87 -47.80	55.42 1.43 -39.60	64.67 2.04 -44.23	63.41 2.10 -41.92	65.93 1.99 -44.99	65.34 2.15 -43.29	69.61 2.24 -46.65	71.57 2.32 -48.17	72.31 2.31 -49.03	73.49 2.51 -48.76	78.33 2.72 -52.18	95.06 3.02 -65.73	93.61 2.53 -69.43	84.39 2.24 -63.32	79.61 2.12 -58.93	76.94 1.71 -59.50	58.48 1.38 -43.87	54.40 1.17 -41.75
KENSICO____ 23655	46.21 0.96 -33.27	41.68 0.94 -29.05	40.47 0.89 -28.31	40.74 0.89 -28.59	40.75 0.88 -28.70	43.00 0.85 -30.89	49.32 0.71 -39.59	49.74 1.17 -34.18	51.01 1.71 -30.91	49.35 1.75 -28.21	48.91 1.67 -28.30	45.73 1.81 -24.02	42.74 1.89 -20.13	41.55 1.96 -18.51	41.53 1.95 -18.61	41.21 2.11 -16.88	55.51 2.30 -29.78	66.15 2.55 -37.30	55.17 2.14 -31.37	51.11 1.88 -30.39	45.39 1.78 -25.04	43.64 1.43 -26.48	40.56 1.14 -26.19	39.64 0.96 -27.20
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.48 0.84 -31.66	40.15 0.81 -27.65	39.00 0.79 -26.94	39.25 0.79 -27.20	39.26 0.78 -27.31	41.41 0.77 -29.40	47.33 0.64 -37.67	48.02 1.09 -32.53	49.43 1.62 -29.41	47.91 1.67 -26.85	47.47 1.59 -26.93	44.35 1.59 -22.86	41.58 1.70 -19.16	40.46 1.77 -17.62	40.44 1.76 -17.71	40.26 1.98 -16.07	53.95 2.18 -28.34	64.34 2.55 -35.48	53.58 2.08 -29.85	49.54 1.79 -28.92	44.10 1.71 -23.83	42.20 1.27 -25.20	39.13 0.98 -24.92	38.20 0.84 -25.88
KIAC_JFK_GT1 23816	46.27 0.97 -33.31	41.74 0.95 -29.09	40.52 0.90 -28.35	40.78 0.89 -28.63	40.79 0.88 -28.73	43.04 0.85 -30.93	49.40 0.74 -39.64	49.86 1.24 -34.23	51.13 1.78 -30.95	49.43 1.78 -28.25	48.86 1.57 -28.34	45.74 1.79 -24.05	42.72 1.84 -20.16	41.55 1.94 -18.54	41.53 1.93 -18.64	41.23 2.11 -16.91	55.60 2.34 -29.82	66.23 2.58 -37.35	55.23 2.17 -31.41	51.19 1.92 -30.44	45.42 1.78 -25.08	43.69 1.45 -26.52	40.67 1.22 -26.22	39.71 1.00 -27.24
KIAC_JFK_GT2 23817	46.27 0.97 -33.31	41.74 0.95 -29.09	40.52 0.90 -28.35	40.78 0.89 -28.63	40.79 0.88 -28.73	43.04 0.85 -30.93	49.40 0.74 -39.64	49.86 1.24 -34.23	51.13 1.78 -30.95	49.43 1.78 -28.25	48.86 1.57 -28.34	45.74 1.79 -24.05	42.72 1.84 -20.16	41.55 1.94 -18.54	41.53 1.93 -18.64	41.23 2.11 -16.91	55.60 2.34 -29.82	66.23 2.58 -37.35	55.23 2.17 -31.41	51.19 1.92 -30.44	45.42 1.78 -25.08	43.69 1.45 -26.52	40.67 1.22 -26.22	39.71 1.00 -27.24
KINTIGH____ 23543	16.29 -0.34 -4.64	15.44 -0.30 -4.05	14.87 -0.35 -3.95	14.88 -0.37 -3.99	14.79 -0.38 -4.00	15.21 -0.35 -4.31	14.22 -0.32 -5.52	18.46 -0.52 -4.59	21.58 -0.96 -4.15	22.20 -0.91 -3.72	21.66 -1.02 -3.73	21.93 -1.13 -3.17	22.17 -1.20 -2.65	22.27 -1.24 -2.44	22.19 -1.24 -2.45	23.20 -1.24 -2.23	26.41 -1.17 -4.15	30.05 -1.45 -5.19	25.09 -0.93 -4.37	22.29 -0.77 -4.23	21.29 -0.76 -3.49	18.72 -0.69 -3.69	16.20 -0.69 -3.65	14.95 -0.32 -3.79
LACHUTE____HYDRO 323717	59.92 1.67 -46.27	53.72 1.61 -40.41	52.16 1.51 -39.37	52.54 1.52 -39.76	52.59 1.51 -39.91	55.84 1.62 -42.96	65.40 1.33 -55.06	64.15 2.23 -47.53	64.42 3.05 -42.98	61.93 3.32 -39.22	61.55 3.26 -39.34	56.43 3.14 -33.39	51.84 3.13 -27.99	49.87 3.06 -25.73	49.82 2.98 -25.87	48.86 3.18 -23.47	68.61 3.80 -41.38	82.36 4.24 -51.82	68.60 3.36 -43.59	63.85 2.79 -42.23	56.07 2.71 -34.80	54.62 2.09 -36.80	51.26 1.60 -36.42	50.64 1.33 -37.83
LEDERLE____ 23769	44.99 0.90 -32.10	40.62 0.89 -28.03	39.44 0.85 -27.31	39.69 0.85 -27.58	39.70 0.84 -27.69	41.87 0.81 -29.81	47.90 0.68 -38.20	48.50 1.12 -32.99	49.86 1.64 -29.83	48.31 1.69 -27.23	47.87 1.61 -27.31	44.81 1.73 -23.18	41.95 1.80 -19.43	40.82 1.88 -17.86	40.79 1.87 -17.96	40.55 2.04 -16.29	54.37 2.20 -28.74	64.80 2.50 -35.99	54.00 2.08 -30.27	49.99 1.83 -29.33	44.45 1.73 -24.17	42.64 1.35 -25.56	39.57 1.07 -25.27	38.63 0.91 -26.25
LINDEN COGEN____ 23786	46.28 0.98 -33.31	41.76 0.97 -29.09	40.53 0.91 -28.35	40.80 0.91 -28.63	40.81 0.90 -28.73	43.05 0.87 -30.93	49.40 0.74 -39.64	49.86 1.24 -34.23	51.13 1.78 -30.95	49.45 1.80 -28.25	48.99 1.71 -28.34	45.82 1.87 -24.05	42.81 1.93 -20.16	41.62 2.00 -18.54	41.60 1.99 -18.64	41.30 2.18 -16.91	55.65 2.39 -29.82	66.26 2.61 -37.35	55.28 2.21 -31.41	51.25 1.98 -30.44	45.48 1.84 -25.08	43.73 1.48 -26.52	40.63 1.18 -26.22	39.70 0.99 -27.24
LIPA_MISC_IPP 23656	64.80 1.57 -51.24	55.84 1.53 -42.61	53.27 1.43 -40.56	52.48 1.43 -39.79	53.87 1.42 -41.28	52.50 1.41 -39.84	58.00 1.18 -47.80	55.91 1.91 -39.60	65.24 2.61 -44.23	63.99 2.68 -41.92	66.38 2.45 -44.99	65.80 2.61 -43.29	70.08 2.71 -46.65	72.07 2.83 -48.17	72.81 2.81 -49.03	74.06 3.09 -48.76	79.03 3.42 -52.18	96.03 4.00 -65.73	94.41 3.33 -69.43	85.05 2.90 -63.32	80.19 2.69 -58.93	77.35 2.12 -59.50	58.89 1.79 -43.87	54.80 1.57 -41.75
LISF____SOLAR 323691	64.84 1.61 -51.24	55.87 1.57 -42.61	53.30 1.47 -40.56	52.51 1.46 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.21 -47.80	55.97 1.97 -39.60	65.31 2.69 -44.23	64.07 2.75 -41.92	66.46 2.52 -44.99	65.86 2.67 -43.29	70.15 2.78 -46.65	72.14 2.89 -48.17	72.88 2.87 -49.03	74.13 3.15 -48.76	79.15 3.54 -52.18	96.16 4.13 -65.73	94.54 3.46 -69.43	85.17 3.01 -63.32	80.30 2.80 -58.93	77.43 2.20 -59.50	58.93 1.83 -43.87	54.83 1.61 -41.75
LITTLE FALLS____HYD 24013	12.07 0.95 0.87	11.86 0.92 0.76	11.39 0.86 0.74	11.37 0.86 0.74	11.28 0.86 0.75	11.32 0.88 0.80	8.69 0.70 1.03	14.73 1.22 0.89	19.17 1.58 0.80	20.37 1.71 0.73	19.86 1.65 0.74	20.92 1.65 0.62	21.90 1.70 0.52	22.30 1.71 0.48	22.16 1.68 0.48	23.53 1.75 0.44	24.69 2.04 0.78	27.65 2.32 0.97	22.72 1.88 0.82	19.68 1.64 0.79	19.56 1.65 0.65	16.33 1.29 0.69	13.61 1.06 0.68	11.72 0.95 0.71
LI_NEWBRIDGE____DRP 323616	64.51 1.28 -51.24	55.56 1.25 -42.61	53.03 1.19 -40.56	52.23 1.18 -39.79	53.62 1.17 -41.28	52.24 1.15 -39.84	57.77 0.96 -47.80	55.58 1.58 -39.60	64.83 2.21 -44.23	63.58 2.27 -41.92	66.04 2.10 -44.99	65.46 2.27 -43.29	69.71 2.34 -46.65	71.69 2.44 -48.17	72.43 2.43 -49.03	73.60 2.62 -48.76	78.44 2.83 -52.18	95.19 3.16 -65.73	93.72 2.64 -69.43	84.47 2.32 -63.32	79.68 2.19 -58.93	77.00 1.78 -59.50	58.60 1.49 -43.87	54.51 1.29 -41.75
LOCKPORT____CC1 323769	16.88 -0.29 -5.18	15.95 -0.27 -4.52	15.37 -0.32 -4.41	15.36 -0.35 -4.45	15.28 -0.36 -4.47	15.74 -0.31 -4.81	14.86 -0.32 -6.16	18.95 -0.55 -5.11	21.98 -1.03 -4.62	22.56 -0.97 -4.13	21.98 -1.12 -4.15	22.20 -1.21 -3.52	22.37 -1.30 -2.95	22.46 -1.33 -2.71	22.38 -1.32 -2.73	23.36 -1.33 -2.47	26.82 -1.24 -4.63	30.56 -1.55 -5.80	25.56 -0.97 -4.88	22.75 -0.81 -4.73	21.64 -0.82 -3.89	19.09 -0.75 -4.12	16.54 -0.77 -4.08	15.39 -0.32 -4.23
LOCKPORT____CC2 323770	16.88 -0.29 -5.18	15.95 -0.27 -4.52	15.37 -0.32 -4.41	15.36 -0.35 -4.45	15.28 -0.36 -4.47	15.74 -0.31 -4.81	14.86 -0.32 -6.16	18.95 -0.55 -5.11	21.98 -1.03 -4.62	22.56 -0.97 -4.13	21.98 -1.12 -4.15	22.20 -1.21 -3.52	22.37 -1.30 -2.95	22.46 -1.33 -2.71	22.38 -1.32 -2.73	23.36 -1.33 -2.47	26.82 -1.24 -4.63	30.56 -1.55 -5.80	25.56 -0.97 -4.88	22.75 -0.81 -4.73	21.64 -0.82 -3.89	19.09 -0.75 -4.12	16.54 -0.77 -4.08	15.39 -0.32 -4.23

LOCKPORT__CC3 323771	16.88 -0.29 -5.18	15.95 -0.27 -4.52	15.37 -0.32 -4.41	15.36 -0.35 -4.45	15.28 -0.36 -4.47	15.74 -0.31 -4.81	14.86 -0.32 -6.16	18.95 -0.55 -5.11	21.98 -1.03 -4.62	22.56 -0.97 -4.13	21.98 -1.12 -4.15	22.20 -1.21 -3.52	22.37 -1.30 -2.95	22.46 -1.33 -2.71	22.38 -1.32 -2.73	23.36 -1.33 -2.47	26.82 -1.24 -4.63	30.56 -1.55 -5.80	25.56 -0.97 -4.88	22.75 -0.81 -4.73	21.64 -0.82 -3.89	19.09 -0.75 -4.12	16.54 -0.77 -4.08	15.39 -0.32 -4.23
LONG_LAKE_PHOENIX 24014	14.53 -0.10 -2.64	13.90 -0.11 -2.31	13.40 -0.12 -2.25	13.42 -0.11 -2.27	13.33 -0.12 -2.28	13.59 -0.11 -2.45	12.07 -0.09 -3.14	17.00 -0.10 -2.70	20.62 -0.22 -2.44	21.39 -0.23 -2.22	20.93 -0.25 -2.23	21.53 -0.26 -1.89	22.04 -0.27 -1.59	22.24 -0.30 -1.46	22.12 -0.31 -1.47	23.23 -0.31 -1.33	25.54 -0.26 -2.36	29.03 -0.24 -2.96	23.95 -0.20 -2.49	21.04 -0.21 -2.41	20.40 -0.15 -1.99	17.70 -0.13 -2.10	15.19 -0.12 -2.08	13.58 -0.06 -2.16
LOVETT__3 23632	45.06 0.87 -32.20	40.67 0.85 -28.12	39.50 0.82 -27.40	39.76 0.82 -27.67	39.75 0.80 -27.78	41.93 0.78 -29.90	47.99 0.65 -38.32	48.56 1.08 -33.09	49.89 1.58 -29.92	48.34 1.63 -27.31	47.87 1.53 -27.39	44.82 1.67 -23.25	41.95 1.74 -19.49	40.81 1.81 -17.92	40.79 1.80 -18.02	40.53 1.98 -16.34	54.37 2.11 -28.83	64.80 2.39 -36.10	54.01 1.99 -30.37	50.01 1.75 -29.42	44.45 1.65 -24.24	42.67 1.30 -25.64	39.61 1.03 -25.35	38.69 0.88 -26.33
LOVETT__4 23642	45.06 0.87 -32.20	40.67 0.85 -28.12	39.50 0.82 -27.40	39.76 0.82 -27.67	39.75 0.80 -27.78	41.93 0.78 -29.90	47.99 0.65 -38.32	48.56 1.08 -33.09	49.89 1.58 -29.92	48.34 1.63 -27.31	47.87 1.53 -27.39	44.82 1.67 -23.25	41.95 1.74 -19.49	40.81 1.81 -17.92	40.79 1.80 -18.02	40.53 1.98 -16.34	54.37 2.11 -28.83	64.80 2.39 -36.10	54.01 1.99 -30.37	50.01 1.75 -29.42	44.45 1.65 -24.24	42.67 1.30 -25.64	39.61 1.03 -25.35	38.69 0.88 -26.33
LOVETT__5 23593	45.06 0.87 -32.20	40.67 0.85 -28.12	39.50 0.82 -27.40	39.76 0.82 -27.67	39.75 0.80 -27.78	41.93 0.78 -29.90	47.99 0.65 -38.32	48.56 1.08 -33.09	49.89 1.58 -29.92	48.34 1.63 -27.31	47.87 1.53 -27.39	44.82 1.67 -23.25	41.95 1.74 -19.49	40.81 1.81 -17.92	40.79 1.80 -18.02	40.53 1.98 -16.34	54.37 2.11 -28.83	64.80 2.39 -36.10	54.01 1.99 -30.37	50.01 1.75 -29.42	44.45 1.65 -24.24	42.67 1.30 -25.64	39.61 1.03 -25.35	38.69 0.88 -26.33
LOWER RAQUET__HYD 24057	11.54 -0.44 0.00	11.26 -0.43 0.00	10.97 -0.30 0.00	10.97 -0.29 0.00	10.95 -0.22 0.00	10.99 -0.26 0.00	8.84 -0.18 0.00	13.73 -0.66 0.00	17.64 -0.75 0.00	18.79 -0.60 0.00	18.53 -0.42 0.00	19.44 -0.46 0.00	20.25 -0.48 0.00	20.59 -0.48 0.00	20.49 -0.48 0.00	21.55 -0.67 0.00	22.42 -1.01 0.00	25.07 -1.24 0.00	20.44 -1.21 0.00	17.76 -1.07 0.00	17.54 -1.02 0.00	15.03 -0.69 0.00	12.72 -0.52 0.00	11.00 -0.48 0.00
LOWER__HUDSON 24059	57.93 0.94 -45.01	51.92 0.91 -39.31	50.43 0.86 -38.30	50.80 0.86 -38.68	50.84 0.85 -38.83	53.93 0.88 -41.80	63.26 0.69 -53.56	61.74 1.11 -46.24	61.67 1.47 -41.81	59.14 1.59 -38.16	58.79 1.57 -38.27	53.98 1.59 -32.49	49.59 1.64 -27.23	47.76 1.65 -25.04	47.75 1.61 -25.17	46.76 1.71 -22.83	65.56 1.88 -40.25	78.82 2.11 -50.41	65.78 1.73 -42.40	61.40 1.49 -41.08	53.86 1.45 -33.85	52.72 1.19 -35.80	49.63 0.97 -35.43	49.11 0.83 -36.80
LWR__OSWEGATCHIE_HYD 23850	11.89 -0.10 0.00	11.58 -0.12 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.17 0.00 0.00	11.25 0.00 0.00	9.03 0.01 0.00	14.24 -0.16 0.00	18.32 -0.07 0.00	19.45 0.06 0.00	19.14 0.19 0.00	20.07 0.18 0.00	20.89 0.17 0.00	21.23 0.15 0.00	21.05 0.08 0.00	22.24 0.02 0.00	23.36 -0.07 0.00	26.28 -0.03 0.00	21.35 -0.30 0.00	18.51 -0.32 0.00	18.26 -0.30 0.00	15.54 -0.19 0.00	13.09 -0.15 0.00	11.36 -0.11 0.00
LYONS_FALL_HYD 23570	12.27 0.29 0.00	11.95 0.26 0.00	11.52 0.25 0.00	11.52 0.26 0.00	11.42 0.25 0.00	11.53 0.28 0.00	9.24 0.22 0.00	14.81 0.42 0.00	19.04 0.64 0.00	20.13 0.74 0.00	19.73 0.78 0.00	20.67 0.78 0.00	21.51 0.79 0.00	21.84 0.76 0.00	21.66 0.69 0.00	22.97 0.76 0.00	24.32 0.89 0.00	27.44 1.13 0.00	22.33 0.67 0.00	19.34 0.51 0.00	19.08 0.52 0.00	16.10 0.38 0.00	13.50 0.26 0.00	11.76 0.29 0.00
MADISON__COUNTY_LFGE 323628	13.69 0.37 -1.34	13.21 0.35 -1.17	12.73 0.32 -1.14	12.74 0.33 -1.15	12.62 0.30 -1.15	12.83 0.34 -1.24	10.87 0.26 -1.59	16.30 0.53 -1.37	20.37 0.74 -1.24	21.32 0.80 -1.13	20.88 0.80 -1.13	21.65 0.80 -0.96	22.36 0.83 -0.81	22.62 0.80 -0.74	22.47 0.75 -0.75	23.71 0.82 -0.68	25.59 0.96 -1.19	28.93 1.13 -1.50	23.67 0.76 -1.26	20.66 0.60 -1.22	20.18 0.61 -1.00	17.23 0.44 -1.06	14.62 0.33 -1.05	12.91 0.34 -1.09
MAPLE RIDGE_WT_1 323574	9.71 -0.16 2.12	9.68 -0.16 1.85	9.31 -0.16 1.80	9.28 -0.16 1.82	9.17 -0.17 1.83	9.09 -0.19 1.97	6.33 -0.17 2.52	11.95 -0.27 2.18	16.08 -0.35 1.97	17.23 -0.37 1.79	16.84 -0.30 1.80	18.03 -0.34 1.53	19.11 -0.33 1.28	19.58 -0.32 1.18	19.47 -0.31 1.18	20.78 -0.36 1.07	21.16 -0.38 1.90	23.54 -0.39 2.38	19.31 -0.35 2.00	16.59 -0.30 1.94	16.67 -0.30 1.60	13.79 -0.25 1.69	11.37 -0.20 1.67	9.57 -0.17 1.73
MAPLE RIDGE_WT_2 323611	9.71 -0.16 2.12	9.68 -0.16 1.85	9.31 -0.16 1.80	9.28 -0.16 1.82	9.17 -0.17 1.83	9.09 -0.19 1.97	6.33 -0.17 2.52	11.95 -0.27 2.18	16.08 -0.35 1.97	17.23 -0.37 1.79	16.84 -0.30 1.80	18.03 -0.34 1.53	19.11 -0.33 1.28	19.58 -0.32 1.18	19.47 -0.31 1.18	20.78 -0.36 1.07	21.16 -0.38 1.90	23.54 -0.39 2.38	19.31 -0.35 2.00	16.59 -0.30 1.94	16.67 -0.30 1.60	13.79 -0.25 1.69	11.37 -0.20 1.67	9.57 -0.17 1.73
MARBLE RIVER_WT_PWR 323696	11.76 -0.23 0.00	11.47 -0.22 0.00	11.11 -0.17 0.00	11.09 -0.17 0.00	11.01 -0.16 0.00	11.08 -0.17 0.00	8.89 -0.13 0.00	14.11 -0.29 0.00	18.04 -0.35 0.00	19.03 -0.37 0.00	18.66 -0.28 0.00	19.60 -0.30 0.00	20.43 -0.29 0.00	20.83 -0.25 0.00	20.74 -0.23 0.00	21.86 -0.36 0.00	22.89 -0.54 0.00	25.70 -0.60 0.00	21.11 -0.54 0.00	18.34 -0.49 0.00	17.97 -0.59 0.00	15.29 -0.44 0.00	12.88 -0.36 0.00	11.11 -0.37 0.00
MARSH_HILL_WT_PWR 323713	19.19 0.32 -6.88	18.03 0.33 -6.01	17.38 0.25 -5.86	17.41 0.24 -5.91	17.34 0.23 -5.94	17.92 0.28 -6.39	17.41 0.20 -8.19	21.79 0.42 -6.97	25.05 0.35 -6.31	25.55 0.45 -5.71	25.02 0.34 -5.73	25.05 0.30 -4.86	25.11 0.31 -4.07	25.06 0.23 -3.75	24.99 0.25 -3.77	25.96 0.33 -3.42	30.08 0.49 -6.16	34.60 0.58 -7.71	28.77 0.63 -6.49	25.59 0.47 -6.28	24.26 0.52 -5.18	21.50 0.30 -5.48	18.77 0.12 -5.42	17.40 0.30 -5.63
MG INDUSTRY__DRP 24185	55.03 0.73 -42.31	49.36 0.71 -36.95	47.97 0.69 -36.00	48.31 0.69 -36.36	48.35 0.68 -36.50	51.24 0.70 -39.29	59.92 0.55 -50.35	58.68 0.82 -43.47	58.75 1.05 -39.30	56.35 1.09 -35.87	55.99 1.06 -35.98	51.53 1.09 -30.54	47.46 1.14 -25.60	45.77 1.16 -23.54	45.76 1.13 -23.66	44.88 1.20 -21.47	62.55 1.26 -37.85	75.13 1.42 -47.40	62.69 1.17 -39.87	58.48 1.02 -38.63	51.39 1.00 -31.83	50.25 0.86 -33.66	47.24 0.70 -33.31	46.68 0.61 -34.60

MID___OSWEGATCHIE_HYD 23849	11.89 -0.10 0.00	11.58 -0.12 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.17 0.00 0.00	11.25 0.00 0.00	9.03 0.01 0.00	14.24 -0.16 0.00	18.32 -0.07 0.00	19.45 0.06 0.00	19.14 0.19 0.00	20.07 0.18 0.00	20.89 0.17 0.00	21.23 0.15 0.00	21.05 0.08 0.00	22.24 0.02 0.00	23.36 -0.07 0.00	26.28 -0.03 0.00	21.35 -0.30 0.00	18.51 -0.32 0.00	18.26 -0.30 0.00	15.54 -0.19 0.00	13.09 -0.15 0.00	11.36 -0.11 0.00
MID___RAQUETTE_HYD 23851	11.54 -0.44 0.00	11.26 -0.43 0.00	10.97 -0.30 0.00	10.97 -0.29 0.00	10.95 -0.22 0.00	10.99 -0.26 0.00	8.84 -0.18 0.00	13.73 -0.66 0.00	17.64 -0.75 0.00	18.79 -0.60 0.00	18.53 -0.42 0.00	19.44 -0.46 0.00	20.25 -0.48 0.00	20.59 -0.48 0.00	20.49 -0.48 0.00	21.55 -0.67 0.00	22.42 -1.01 0.00	25.07 -1.24 0.00	20.44 -1.21 0.00	17.76 -1.07 0.00	17.54 -1.02 0.00	15.03 -0.69 0.00	12.72 -0.52 0.00	11.00 -0.48 0.00
MILLIKEN___1 23584	18.96 0.30 -6.68	17.81 0.28 -5.83	17.20 0.24 -5.68	17.24 0.24 -5.74	17.14 0.21 -5.76	17.70 0.25 -6.20	17.17 0.20 -7.95	21.69 0.42 -6.88	25.13 0.51 -6.22	25.64 0.56 -5.68	25.16 0.51 -5.70	25.23 0.50 -4.84	25.27 0.50 -4.05	25.27 0.46 -3.73	25.18 0.46 -3.75	26.15 0.53 -3.40	30.06 0.66 -5.98	34.61 0.82 -7.49	28.62 0.67 -6.30	25.44 0.51 -6.10	24.14 0.56 -5.03	21.44 0.39 -5.32	18.77 0.28 -5.26	17.24 0.30 -5.46
MILLIKEN___2 23585	18.96 0.30 -6.68	17.81 0.28 -5.83	17.20 0.24 -5.68	17.24 0.24 -5.74	17.14 0.21 -5.76	17.70 0.25 -6.20	17.17 0.20 -7.95	21.69 0.42 -6.88	25.13 0.51 -6.22	25.64 0.56 -5.68	25.16 0.51 -5.70	25.23 0.50 -4.84	25.27 0.50 -4.05	25.27 0.46 -3.73	25.18 0.46 -3.75	26.15 0.53 -3.40	30.06 0.66 -5.98	34.61 0.82 -7.49	28.62 0.67 -6.30	25.44 0.51 -6.10	24.14 0.56 -5.03	21.44 0.39 -5.32	18.77 0.28 -5.26	17.24 0.30 -5.46
MILLIKEN___DIESEL 23629	18.96 0.30 -6.68	17.81 0.28 -5.83	17.20 0.24 -5.68	17.24 0.24 -5.74	17.14 0.21 -5.76	17.70 0.25 -6.20	17.17 0.20 -7.95	21.69 0.42 -6.88	25.13 0.51 -6.22	25.64 0.56 -5.68	25.16 0.51 -5.70	25.23 0.50 -4.84	25.27 0.50 -4.05	25.27 0.46 -3.73	25.18 0.46 -3.75	26.15 0.53 -3.40	30.06 0.66 -5.98	34.61 0.82 -7.49	28.62 0.67 -6.30	25.44 0.51 -6.10	24.14 0.56 -5.03	21.44 0.39 -5.32	18.77 0.28 -5.26	17.24 0.30 -5.46
MILLSEAT___LFGE 323607	16.86 -0.08 -4.96	15.95 -0.08 -4.33	15.37 -0.12 -4.22	15.36 -0.17 -4.26	15.28 -0.17 -4.28	15.72 -0.13 -4.60	14.76 -0.16 -5.90	19.05 -0.24 -4.90	22.20 -0.63 -4.43	22.82 -0.54 -3.97	22.29 -0.64 -3.98	22.52 -0.76 -3.38	22.73 -0.83 -2.83	22.84 -0.84 -2.61	22.75 -0.84 -2.62	23.79 -0.80 -2.38	27.24 -0.63 -4.44	31.05 -0.82 -5.55	25.94 -0.39 -4.67	22.98 -0.38 -4.53	21.90 -0.39 -3.73	19.26 -0.41 -3.94	16.63 -0.50 -3.90	15.39 -0.14 -4.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.07 0.92 -33.16	41.56 0.90 -28.96	40.35 0.86 -28.22	40.63 0.87 -28.50	40.63 0.85 -28.61	42.87 0.82 -30.80	49.17 0.69 -39.47	49.60 1.12 -34.08	50.86 1.66 -30.81	49.21 1.69 -28.13	48.77 1.61 -28.21	45.59 1.75 -23.95	42.62 1.82 -20.07	41.43 1.90 -18.45	41.39 1.87 -18.55	41.09 2.04 -16.83	55.32 2.20 -29.69	65.96 2.47 -37.18	55.01 2.08 -31.28	50.96 1.83 -30.30	45.26 1.73 -24.97	43.52 1.38 -26.40	40.43 1.09 -26.11	39.52 0.93 -27.12
MODEL_CITY_ENERGY 24167	16.80 -0.43 -5.25	15.88 -0.40 -4.58	15.29 -0.45 -4.46	15.29 -0.48 -4.51	15.21 -0.48 -4.52	15.67 -0.45 -4.87	14.83 -0.43 -6.24	18.84 -0.72 -5.16	21.78 -1.29 -4.67	22.35 -1.22 -4.18	21.77 -1.36 -4.19	21.98 -1.47 -3.56	22.13 -1.58 -2.98	22.20 -1.62 -2.74	22.11 -1.61 -2.76	23.09 -1.62 -2.50	26.55 -1.57 -4.69	30.26 -1.92 -5.88	25.32 -1.28 -4.94	22.55 -1.07 -4.79	21.45 -1.06 -3.95	18.94 -0.96 -4.17	16.44 -0.93 -4.13	15.31 -0.46 -4.29
MODERN_LFGE___ 323580	16.80 -0.43 -5.25	15.88 -0.40 -4.58	15.29 -0.45 -4.46	15.29 -0.48 -4.51	15.21 -0.48 -4.52	15.67 -0.45 -4.87	14.83 -0.43 -6.24	18.84 -0.72 -5.16	21.78 -1.29 -4.67	22.35 -1.22 -4.18	21.77 -1.36 -4.19	21.98 -1.47 -3.56	22.13 -1.58 -2.98	22.20 -1.62 -2.74	22.11 -1.61 -2.76	23.09 -1.62 -2.50	26.55 -1.57 -4.69	30.26 -1.92 -5.88	25.32 -1.28 -4.94	22.55 -1.07 -4.79	21.45 -1.06 -3.95	18.94 -0.96 -4.17	16.44 -0.93 -4.13	15.31 -0.46 -4.29
MOHAWK_PAPER___DRP 24187	56.93 0.89 -44.06	51.04 0.87 -38.48	49.59 0.82 -37.49	49.94 0.82 -37.86	49.99 0.82 -38.00	53.01 0.84 -40.91	62.11 0.67 -52.43	60.64 0.99 -45.26	60.60 1.29 -40.92	58.12 1.38 -37.35	57.76 1.35 -37.46	53.07 1.37 -31.80	48.80 1.43 -26.65	47.00 1.41 -24.51	47.01 1.41 -24.64	46.01 1.44 -22.35	64.38 1.55 -39.40	77.42 1.76 -49.35	64.59 1.43 -41.51	60.27 1.22 -40.21	52.90 1.21 -33.14	51.82 1.05 -35.04	48.77 0.86 -34.68	48.23 0.74 -36.02
MONGAUP___HYD 23641	43.40 0.82 -30.60	39.20 0.78 -26.72	38.07 0.76 -26.04	38.31 0.75 -26.29	38.30 0.74 -26.39	40.39 0.73 -28.41	46.03 0.60 -36.41	46.89 1.05 -31.44	48.35 1.53 -28.43	46.88 1.53 -25.95	46.47 1.50 -26.03	43.40 1.41 -22.10	40.84 1.60 -18.52	39.75 1.65 -17.03	39.77 1.68 -17.12	39.63 1.89 -15.53	52.74 1.92 -27.39	62.53 1.92 -34.30	52.37 1.86 -28.85	48.48 1.70 -27.95	43.23 1.63 -23.03	41.31 1.23 -24.36	38.26 0.94 -24.09	37.31 0.81 -25.02
MONTAUK___DIESEL 23721	65.24 2.01 -51.24	56.25 1.94 -42.61	53.65 1.82 -40.56	52.85 1.80 -39.79	54.25 1.80 -41.28	52.87 1.78 -39.84	58.32 1.51 -47.80	56.49 2.49 -39.60	66.03 3.40 -44.23	64.82 3.51 -41.92	67.20 3.26 -44.99	66.55 3.36 -43.29	70.89 3.52 -46.65	72.92 3.67 -48.17	73.63 3.63 -49.03	75.00 4.02 -48.76	80.20 4.59 -52.18	97.51 5.47 -65.73	95.65 4.57 -69.43	86.09 3.94 -63.32	81.15 3.66 -58.93	78.09 2.86 -59.50	59.40 2.30 -43.87	55.21 1.99 -41.75
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.33 1.03 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.10 0.91 -30.94	49.43 0.77 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.51 1.86 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.06	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.72 2.46 -29.82	66.37 2.71 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.69 1.23 -26.23	39.76 1.04 -27.24
MUNSVILLE_WIND_PWR 323609	23.22 0.87 -10.36	21.55 0.81 -9.04	20.79 0.70 -8.81	20.89 0.73 -8.90	20.74 0.64 -8.93	21.58 0.71 -9.62	21.89 0.55 -12.32	26.21 1.12 -10.69	29.68 1.62 -9.66	29.96 1.73 -8.83	29.48 1.67 -8.86	29.17 1.75 -7.52	28.83 1.80 -6.30	28.58 1.71 -5.80	28.41 1.61 -5.83	29.32 1.82 -5.29	34.90 2.20 -9.27	40.67 2.76 -11.61	33.32 1.91 -9.76	29.82 1.52 -9.46	27.82 1.47 -7.79	25.05 1.08 -8.24	22.18 0.79 -8.15	20.76 0.81 -8.47
N SALMON___HYD 24042	11.79 -0.19 0.00	11.52 -0.18 0.00	11.15 -0.12 0.00	11.15 -0.11 0.00	11.09 -0.08 0.00	11.16 -0.09 0.00	8.97 -0.05 0.00	14.16 -0.23 0.00	18.14 -0.26 0.00	19.18 -0.21 0.00	18.85 -0.09 0.00	19.78 -0.12 0.00	20.62 -0.10 0.00	21.04 -0.04 0.00	20.99 0.02 0.00	22.06 -0.15 0.00	23.03 -0.40 0.00	25.91 -0.39 0.00	21.26 -0.39 0.00	18.48 -0.36 0.00	18.04 -0.52 0.00	15.38 -0.35 0.00	12.95 -0.28 0.00	11.17 -0.31 0.00



N.E_GEN_SANDY PD 24062	51.98 0.85 -39.14	46.73 0.84 -34.19	45.38 0.80 -33.31	45.70 0.80 -33.64	45.73 0.79 -33.77	48.40 0.80 -36.35	56.22 0.62 -46.58	55.65 1.04 -40.22	56.19 1.44 -36.36	54.10 1.51 -33.19	53.70 1.46 -33.29	49.71 1.55 -28.26	46.02 1.62 -23.68	44.50 1.65 -21.78	44.50 1.64 -21.89	43.83 1.75 -19.86	60.21 1.88 -34.90	72.12 2.11 -43.71	60.17 1.75 -36.76	56.00 1.54 -35.62	49.40 1.49 -29.35	47.98 1.21 -31.04	45.03 0.98 -30.81	44.32 0.84 -32.01
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.01 0.89 -32.14	40.65 0.88 -28.07	39.46 0.83 -27.35	39.73 0.85 -27.62	39.72 0.83 -27.73	41.90 0.80 -29.85	47.94 0.67 -38.25	48.53 1.11 -33.03	49.88 1.62 -29.86	48.32 1.67 -27.26	47.86 1.57 -27.34	44.82 1.71 -23.21	41.96 1.78 -19.45	40.82 1.86 -17.89	40.80 1.85 -17.98	40.55 2.02 -16.31	54.39 2.18 -28.78	64.79 2.45 -36.04	54.02 2.06 -30.31	49.99 1.79 -29.37	44.45 1.69 -24.20	42.65 1.34 -25.59	39.60 1.06 -25.30	38.65 0.90 -26.28
NARROWS_GT1_1 24228	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT1_2 24229	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT1_3 24230	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT1_4 24231	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT1_5 24232	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT1_6 24233	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT1_7 24234	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT1_8 24235	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT2_1 24236	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT2_2 24237	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT2_3 24238	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT2_4 24239	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT2_5 24240	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24

NARROWS_GT2_6 24241	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT2_7 24242	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NARROWS_GT2_8 24243	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.61 1.09 -36.54	44.62 1.02 -31.91	43.38 1.02 -31.09	43.67 1.01 -31.40	43.69 1.01 -31.52	46.19 1.01 -33.93	53.32 0.83 -43.48	53.17 1.24 -37.54	54.10 1.77 -33.94	52.18 1.80 -30.98	51.82 1.80 -31.07	48.26 1.99 -26.38	44.88 2.05 -22.11	43.51 2.11 -20.33	43.48 2.08 -20.44	43.02 2.27 -18.54	58.40 2.27 -32.70	70.01 2.76 -40.95	58.33 2.23 -34.44	54.05 1.85 -33.37	47.84 1.78 -27.49	46.28 1.48 -29.08	43.12 1.12 -28.76	42.34 0.99 -29.87
NEG CAPITAL___MECHNVIL 23645	58.94 1.11 -45.84	52.81 1.08 -40.04	51.31 1.03 -39.01	51.67 1.01 -39.39	51.72 1.01 -39.55	54.88 1.06 -42.57	64.41 0.84 -54.55	62.86 1.37 -47.09	62.82 1.84 -42.58	60.26 2.00 -38.86	59.88 1.95 -38.98	54.96 1.97 -33.09	50.49 2.03 -27.73	48.60 2.02 -25.50	48.60 1.99 -25.64	47.58 2.11 -23.26	66.80 2.37 -41.00	80.34 2.68 -51.34	67.01 2.17 -43.19	62.50 1.83 -41.84	54.82 1.78 -34.48	53.62 1.43 -36.46	50.47 1.15 -36.09	49.93 0.96 -37.48
NEG CENTRAL_HIGH_ACRES 23767	15.72 -0.26 -3.99	14.93 -0.26 -3.49	14.38 -0.29 -3.40	14.39 -0.30 -3.43	14.32 -0.30 -3.45	14.68 -0.28 -3.71	13.54 -0.23 -4.75	18.08 -0.33 -4.02	21.44 -0.59 -3.63	22.10 -0.58 -3.28	21.61 -0.62 -3.29	22.01 -0.68 -2.79	22.32 -0.75 -2.34	22.45 -0.78 -2.15	22.36 -0.78 -2.16	23.42 -0.76 -1.96	26.33 -0.68 -3.58	30.02 -0.76 -4.48	24.92 -0.50 -3.77	22.01 -0.47 -3.65	21.14 -0.43 -3.01	18.48 -0.42 -3.18	15.93 -0.45 -3.14	14.50 -0.24 -3.27
NEG CENTRAL___DRP 24199	16.39 0.07 -4.33	15.54 0.06 -3.78	14.98 0.02 -3.69	15.01 0.02 -3.72	14.92 0.01 -3.74	15.32 0.05 -4.02	14.21 0.04 -5.15	18.95 0.14 -4.41	22.48 0.09 -3.99	23.16 0.14 -3.62	22.68 0.10 -3.64	23.02 0.04 -3.09	23.35 0.04 -2.59	23.41 -0.04 -2.38	23.32 -0.04 -2.39	24.36 -0.02 -2.17	27.38 0.07 -3.88	31.29 0.13 -4.85	25.95 0.22 -4.08	22.90 0.11 -3.96	22.06 0.24 -3.26	19.28 0.11 -3.45	16.66 0.01 -3.41	15.12 0.10 -3.54
NEG CENTRAL___INDECK 23768	18.24 0.41 -5.85	17.18 0.37 -5.11	16.56 0.32 -4.97	16.58 0.29 -5.02	16.50 0.29 -5.04	17.01 0.33 -5.43	16.24 0.26 -6.96	20.79 0.47 -5.92	24.17 0.42 -5.35	24.77 0.52 -4.85	24.28 0.47 -4.86	24.48 0.46 -4.13	24.62 0.44 -3.46	24.68 0.42 -3.18	24.59 0.42 -3.20	25.63 0.51 -2.90	29.39 0.73 -5.23	33.78 0.92 -6.55	28.05 0.89 -5.51	24.83 0.66 -5.34	23.63 0.67 -4.40	20.83 0.46 -4.65	18.05 0.21 -4.60	16.61 0.36 -4.78
NEG CENTRAL___SENECA 23627	16.92 0.13 -4.80	16.01 0.12 -4.19	15.43 0.07 -4.08	15.46 0.07 -4.12	15.38 0.07 -4.14	15.81 0.10 -4.46	14.80 0.07 -5.71	19.52 0.24 -4.88	23.01 0.20 -4.41	23.64 0.23 -4.01	23.16 0.19 -4.02	23.43 0.12 -3.41	23.68 0.10 -2.86	23.71 0.00 -2.63	23.63 0.02 -2.64	24.63 0.02 -2.40	27.87 0.14 -4.30	31.90 0.21 -5.38	26.52 0.35 -4.52	23.43 0.21 -4.38	22.56 0.39 -3.61	19.72 0.17 -3.82	17.05 0.04 -3.78	15.55 0.15 -3.92
NEG CENTRAL___STATE_STREET 24147	16.43 0.20 -4.24	15.60 0.20 -3.70	15.04 0.16 -3.61	15.07 0.17 -3.64	14.96 0.13 -3.66	15.36 0.17 -3.94	14.20 0.14 -5.04	18.91 0.19 -4.33	22.51 0.20 -3.92	23.19 0.23 -3.56	22.71 0.19 -3.57	23.23 0.30 -3.03	23.58 0.31 -2.54	23.69 0.27 -2.34	23.59 0.27 -2.35	24.66 0.31 -2.13	27.51 0.28 -3.79	31.42 0.37 -4.75	25.99 0.35 -3.99	22.93 0.23 -3.87	22.03 0.28 -3.19	19.38 0.28 -3.37	16.75 0.19 -3.34	15.16 0.22 -3.46
NEG MILLWOOD___DRP 24198	47.38 1.07 -34.33	42.69 1.02 -29.98	41.45 0.97 -29.21	41.78 1.01 -29.50	41.75 0.97 -29.61	44.07 0.95 -31.88	50.66 0.79 -40.85	50.95 1.28 -35.27	52.24 1.95 -31.89	50.54 2.04 -29.11	50.08 1.93 -29.20	46.77 2.09 -24.79	43.65 2.16 -20.77	42.39 2.21 -19.10	42.37 2.20 -19.20	42.01 2.38 -17.42	56.69 2.53 -30.73	67.82 3.02 -38.48	56.45 2.42 -32.37	52.29 2.09 -31.36	46.45 2.04 -25.84	44.66 1.60 -27.33	41.47 1.22 -27.02	40.64 1.09 -28.07
NEG NORTH_FLCN_SEA 23793	11.89 -0.10 0.00	11.62 -0.08 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.15 -0.02 0.00	11.22 -0.03 0.00	9.01 -0.01 0.00	14.28 -0.12 0.00	18.27 -0.13 0.00	19.26 -0.13 0.00	18.89 -0.06 0.00	19.84 -0.06 0.00	20.68 -0.04 0.00	21.08 0.00 0.00	21.03 0.06 0.00	22.15 -0.07 0.00	23.17 -0.26 0.00	26.04 -0.26 0.00	21.42 -0.24 0.00	18.63 -0.21 0.00	18.19 -0.37 0.00	15.49 -0.24 0.00	13.05 -0.19 0.00	11.25 -0.23 0.00
NEG NORTH_KES_CHATEGAY 23792	11.72 -0.26 0.00	11.45 -0.25 0.00	11.07 -0.20 0.00	11.07 -0.19 0.00	10.99 -0.18 0.00	11.06 -0.19 0.00	8.88 -0.14 0.00	14.08 -0.32 0.00	18.01 -0.39 0.00	19.01 -0.39 0.00	18.64 -0.30 0.00	19.58 -0.32 0.00	20.41 -0.31 0.00	20.78 -0.30 0.00	20.74 -0.23 0.00	21.84 -0.38 0.00	22.87 -0.56 0.00	25.68 -0.63 0.00	21.09 -0.56 0.00	18.34 -0.49 0.00	17.93 -0.63 0.00	15.25 -0.47 0.00	12.86 -0.37 0.00	11.08 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	11.90 -0.08 0.00	11.63 -0.07 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.15 -0.02 0.00	11.23 -0.02 0.00	9.01 -0.01 0.00	14.31 -0.09 0.00	18.28 -0.11 0.00	19.30 -0.10 0.00	18.93 -0.02 0.00	19.86 -0.04 0.00	20.70 -0.02 0.00	21.12 0.04 0.00	21.07 0.11 0.00	22.19 -0.02 0.00	23.22 -0.21 0.00	26.15 -0.16 0.00	21.50 -0.15 0.00	18.68 -0.15 0.00	18.21 -0.35 0.00	15.51 -0.22 0.00	13.05 -0.19 0.00	11.25 -0.23 0.00
NEG NORTH___LWR_SARANAC 23913	11.90 -0.08 0.00	11.63 -0.07 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.15 -0.02 0.00	11.23 -0.02 0.00	9.01 -0.01 0.00	14.31 -0.09 0.00	18.28 -0.11 0.00	19.30 -0.10 0.00	18.93 -0.02 0.00	19.86 -0.04 0.00	20.70 -0.02 0.00	21.12 0.04 0.00	21.07 0.11 0.00	22.19 -0.02 0.00	23.22 -0.21 0.00	26.15 -0.16 0.00	21.50 -0.15 0.00	18.68 -0.15 0.00	18.21 -0.35 0.00	15.51 -0.22 0.00	13.05 -0.19 0.00	11.25 -0.23 0.00

NEG NORTH___PLATTSBURG 23628	11.90 -0.08 0.00	11.63 -0.07 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.15 -0.02 0.00	11.23 -0.02 0.00	9.01 -0.01 0.00	14.31 -0.09 0.00	18.28 -0.11 0.00	19.30 -0.10 0.00	18.93 -0.02 0.00	19.86 -0.04 0.00	20.70 -0.02 0.00	21.12 0.04 0.00	21.07 0.11 0.00	22.19 -0.02 0.00	23.22 -0.21 0.00	26.15 -0.16 0.00	21.50 -0.15 0.00	18.68 -0.15 0.00	18.21 -0.35 0.00	15.51 -0.22 0.00	13.05 -0.19 0.00	11.25 -0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	16.88 -0.29 -5.18	15.95 -0.27 -4.52	15.37 -0.32 -4.41	15.36 -0.35 -4.45	15.28 -0.36 -4.47	15.74 -0.31 -4.81	14.86 -0.32 -6.16	18.95 -0.55 -5.11	21.98 -1.03 -4.62	22.56 -0.97 -4.13	21.98 -1.12 -4.15	22.20 -1.21 -3.52	22.37 -1.30 -2.95	22.46 -1.33 -2.71	22.38 -1.32 -2.73	23.36 -1.33 -2.47	26.82 -1.24 -4.63	30.56 -1.55 -5.80	25.56 -0.97 -4.88	22.75 -0.81 -4.73	21.64 -0.82 -3.89	19.09 -0.75 -4.12	16.54 -0.77 -4.08	15.39 -0.32 -4.23
NEG WEST___LANCASTR 23811	18.12 0.06 -6.07	17.08 0.08 -5.30	16.46 0.02 -5.17	16.47 -0.01 -5.22	16.39 -0.02 -5.24	16.90 0.01 -5.64	16.23 -0.02 -7.22	20.27 -0.03 -5.90	23.42 -0.31 -5.34	23.92 -0.21 -4.74	23.32 -0.38 -4.75	23.47 -0.46 -4.04	23.61 -0.50 -3.38	23.68 -0.51 -3.11	23.59 -0.50 -3.13	24.61 -0.44 -2.84	28.63 -0.23 -5.43	32.71 -0.39 -6.80	27.31 -0.06 -5.72	24.30 -0.08 -5.54	23.05 -0.07 -4.57	20.40 -0.16 -4.83	17.76 -0.25 -4.78	16.49 0.05 -4.96
NEG_PENN_ALLEGHNY 23528	23.15 0.25 -10.91	21.47 0.25 -9.53	20.76 0.20 -9.29	20.84 0.20 -9.38	20.77 0.19 -9.41	21.60 0.21 -10.13	22.17 0.16 -12.99	26.04 0.34 -11.30	29.01 0.40 -10.21	29.19 0.45 -9.35	28.70 0.38 -9.37	28.23 0.38 -7.96	27.78 0.39 -6.67	27.59 0.38 -6.13	27.51 0.38 -6.16	28.25 0.44 -5.59	33.71 0.51 -9.77	39.14 0.61 -12.23	32.48 0.54 -10.29	29.23 0.43 -9.97	27.22 0.44 -8.21	24.71 0.30 -8.68	22.02 0.20 -8.59	20.65 0.25 -8.92
NEG___GEN_MONROE 24207	16.06 -0.14 -4.22	15.21 -0.18 -3.68	14.67 -0.19 -3.59	14.67 -0.21 -3.62	14.59 -0.22 -3.64	14.95 -0.21 -3.92	13.88 -0.16 -5.02	18.39 -0.22 -4.21	21.83 -0.37 -3.81	22.56 -0.27 -3.43	22.07 -0.32 -3.44	22.36 -0.46 -2.92	22.67 -0.50 -2.45	22.85 -0.48 -2.25	22.69 -0.55 -2.26	23.78 -0.49 -2.05	26.88 -0.33 -3.77	30.59 -0.45 -4.73	25.41 -0.22 -3.98	22.46 -0.23 -3.85	21.63 -0.11 -3.17	18.88 -0.20 -3.36	16.26 -0.29 -3.32	14.87 -0.06 -3.45
NEPA___ENERGY 23901	18.15 0.05 -6.12	17.12 0.08 -5.34	16.50 0.02 -5.21	16.52 0.00 -5.26	16.44 -0.01 -5.28	16.96 0.02 -5.68	16.29 -0.01 -7.28	20.28 -0.06 -5.94	23.40 -0.37 -5.38	23.92 -0.25 -4.78	23.31 -0.44 -4.80	23.49 -0.48 -4.07	23.64 -0.50 -3.41	23.69 -0.53 -3.14	23.62 -0.50 -3.15	24.63 -0.44 -2.86	28.62 -0.28 -5.47	32.69 -0.47 -6.85	27.31 -0.31 -5.77	24.31 -0.11 -5.59	23.04 -0.13 -4.60	20.42 -0.17 -4.87	17.81 -0.24 -4.82	16.54 0.06 -5.00
NEVERSINK___HYD 23608	42.82 0.71 -30.13	38.69 0.68 -26.32	37.57 0.65 -25.64	37.81 0.65 -25.89	37.81 0.65 -25.99	39.87 0.64 -27.98	45.41 0.53 -35.86	46.32 0.96 -30.96	47.83 1.44 -28.00	46.43 1.47 -25.56	46.01 1.42 -25.64	43.01 1.35 -21.76	40.39 1.43 -18.24	39.37 1.52 -16.77	39.32 1.49 -16.86	39.19 1.69 -15.29	52.33 1.92 -26.97	62.37 2.29 -33.78	51.90 1.84 -28.41	47.92 1.56 -27.53	42.75 1.50 -22.68	40.78 1.07 -23.99	37.77 0.82 -23.72	36.83 0.71 -24.64
NEWTON___FALLS_HYD 23847	11.89 -0.10 0.00	11.58 -0.12 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.17 0.00 0.00	11.25 0.00 0.00	9.03 0.01 0.00	14.24 -0.16 0.00	18.32 -0.07 0.00	19.45 0.06 0.00	19.14 0.19 0.00	20.07 0.18 0.00	20.89 0.17 0.00	21.23 0.15 0.00	21.05 0.08 0.00	22.24 0.02 0.00	23.36 -0.07 0.00	26.28 -0.03 0.00	21.35 -0.30 0.00	18.51 -0.32 0.00	18.26 -0.30 0.00	15.54 -0.19 0.00	13.09 -0.15 0.00	11.36 -0.11 0.00
NIAGARA_115E_LBMP 323715	16.77 -0.52 -5.30	15.84 -0.48 -4.63	15.27 -0.52 -4.51	15.27 -0.55 -4.55	15.18 -0.56 -4.57	15.65 -0.52 -4.92	14.83 -0.50 -6.31	18.77 -0.84 -5.21	21.69 -1.42 -4.71	22.24 -1.38 -4.22	21.66 -1.52 -4.23	21.85 -1.63 -3.59	21.99 -1.74 -3.01	22.05 -1.79 -2.77	21.97 -1.78 -2.78	22.94 -1.80 -2.52	26.41 -1.76 -4.74	30.09 -2.16 -5.94	25.20 -1.45 -4.99	22.45 -1.22 -4.84	21.34 -1.21 -3.99	18.87 -1.07 -4.22	16.37 -1.03 -4.17	15.27 -0.54 -4.33
NIAGARA_115W_LBMP 323714	16.72 -0.55 -5.29	15.80 -0.51 -4.62	15.21 -0.56 -4.50	15.22 -0.59 -4.54	15.14 -0.59 -4.56	15.60 -0.56 -4.91	14.76 -0.55 -6.29	18.64 -0.95 -5.20	21.53 -1.56 -4.70	22.07 -1.53 -4.20	21.48 -1.69 -4.22	21.66 -1.81 -3.58	21.82 -1.91 -3.00	21.88 -1.96 -2.76	21.79 -1.95 -2.77	22.75 -1.98 -2.52	26.17 -1.99 -4.73	29.81 -2.42 -5.92	24.97 -1.67 -4.98	22.28 -1.37 -4.82	21.16 -1.37 -3.98	18.73 -1.20 -4.20	16.27 -1.12 -4.16	15.18 -0.62 -4.32
NIAGARA_230_LBMP 323716	16.79 -0.42 -5.22	15.87 -0.39 -4.56	15.28 -0.44 -4.44	15.29 -0.46 -4.49	15.21 -0.47 -4.50	15.66 -0.44 -4.85	14.83 -0.41 -6.21	18.84 -0.69 -5.14	21.79 -1.25 -4.64	22.37 -1.18 -4.16	21.77 -1.34 -4.17	21.96 -1.47 -3.54	22.13 -1.55 -2.96	22.20 -1.60 -2.73	22.12 -1.59 -2.74	23.10 -1.60 -2.49	26.53 -1.57 -4.67	30.21 -1.95 -5.85	25.30 -1.28 -4.92	22.56 -1.04 -4.77	21.45 -1.04 -3.93	18.95 -0.93 -4.15	16.46 -0.89 -4.11	15.32 -0.42 -4.27
NIAGARA___ 23760	16.75 -0.53 -5.29	15.83 -0.49 -4.62	15.24 -0.54 -4.50	15.24 -0.57 -4.55	15.17 -0.57 -4.57	15.63 -0.54 -4.92	14.80 -0.50 -6.28	18.75 -0.84 -5.19	21.66 -1.42 -4.69	22.21 -1.38 -4.19	21.64 -1.52 -4.20	21.83 -1.63 -3.57	21.99 -1.72 -2.99	22.04 -1.79 -2.75	21.95 -1.78 -2.77	22.92 -1.80 -2.51	26.39 -1.76 -4.71	30.05 -2.16 -5.90	25.17 -1.45 -4.96	22.44 -1.21 -4.81	21.32 -1.21 -3.96	18.85 -1.07 -4.19	16.36 -1.02 -4.15	15.23 -0.57 -4.33
NINE_MILE_1 23575	13.83 -0.28 -2.12	13.28 -0.27 -1.85	12.80 -0.27 -1.80	12.81 -0.27 -1.82	12.73 -0.27 -1.82	12.95 -0.27 -1.96	11.32 -0.22 -2.52	16.24 -0.32 -2.16	19.85 -0.50 -1.95	20.63 -0.54 -1.78	20.18 -0.55 -1.78	20.81 -0.60 -1.51	21.37 -0.62 -1.27	21.61 -0.63 -1.17	21.49 -0.65 -1.17	22.61 -0.67 -1.06	24.67 -0.66 -1.89	27.97 -0.71 -2.37	23.08 -0.56 -1.99	20.26 -0.51 -1.93	19.71 -0.45 -1.59	17.05 -0.36 -1.68	14.58 -0.32 -1.67	12.97 -0.24 -1.73
NINE_MILE_2 23744	13.82 -0.28 -2.11	13.27 -0.27 -1.84	12.80 -0.27 -1.80	12.81 -0.27 -1.81	12.72 -0.27 -1.82	12.94 -0.27 -1.96	11.31 -0.22 -2.51	16.23 -0.32 -2.15	19.85 -0.50 -1.95	20.63 -0.54 -1.77	20.18 -0.55 -1.78	20.81 -0.60 -1.51	21.37 -0.62 -1.26	21.61 -0.63 -1.16	21.49 -0.65 -1.17	22.61 -0.67 -1.06	24.66 -0.66 -1.89	27.96 -0.71 -2.37	23.08 -0.56 -1.99	20.25 -0.51 -1.93	19.70 -0.45 -1.59	17.05 -0.36 -1.68	14.58 -0.32 -1.66	12.97 -0.23 -1.73
NM_CAPITAL___DRP 24208	56.47 0.84 -43.65	50.64 0.82 -38.12	49.21 0.79 -37.14	49.55 0.78 -37.51	49.59 0.77 -37.65	52.58 0.80 -40.54	61.58 0.62 -51.94	60.14 0.91 -44.84	60.06 1.12 -40.55	57.61 1.20 -37.01	57.24 1.18 -37.12	52.60 1.19 -31.51	48.37 1.24 -26.41	46.60 1.24 -24.28	46.60 1.22 -24.41	45.62 1.27 -22.14	63.78 1.31 -39.04	76.67 1.47 -48.89	63.99 1.21 -41.13	59.73 1.05 -39.84	52.45 1.06 -32.83	51.39 0.94 -34.72	48.38 0.78 -34.36	47.83 0.67 -35.69

NM_CENTRAL___DRP 24181	14.87 -0.01 -2.90	14.20 -0.02 -2.53	13.69 -0.04 -2.46	13.71 -0.04 -2.49	13.62 -0.04 -2.50	13.91 -0.03 -2.69	12.44 -0.03 -3.45	17.36 0.00 -2.96	21.00 -0.07 -2.68	21.76 -0.08 -2.44	21.30 -0.09 -2.45	21.86 -0.12 -2.08	22.34 -0.12 -1.74	22.53 -0.15 -1.60	22.43 -0.15 -1.61	23.54 -0.13 -1.46	25.95 -0.07 -2.59	29.53 -0.03 -3.25	24.36 -0.02 -2.73	21.42 -0.06 -2.65	20.74 0.00 -2.18	18.02 -0.02 -2.30	15.47 -0.04 -2.28	13.86 0.01 -2.37
NM_FRONTIER___DRP 24179	16.72 -0.55 -5.29	15.80 -0.51 -4.62	15.21 -0.56 -4.50	15.22 -0.59 -4.54	15.14 -0.59 -4.56	15.60 -0.56 -4.91	14.76 -0.55 -6.29	18.64 -0.95 -5.20	21.53 -1.56 -4.70	22.07 -1.53 -4.20	21.48 -1.69 -4.22	21.66 -1.81 -3.58	21.82 -1.91 -3.00	21.88 -1.96 -2.76	21.79 -1.95 -2.77	22.75 -1.98 -2.52	26.17 -1.99 -4.73	29.81 -2.42 -5.92	24.97 -1.67 -4.98	22.28 -1.37 -4.82	21.16 -1.37 -3.98	18.73 -1.20 -4.20	16.27 -1.12 -4.16	15.18 -0.62 -4.32
NM_ST_REGIS___HYD 24053	11.60 -0.38 0.00	11.31 -0.39 0.00	11.02 -0.26 0.00	11.02 -0.25 0.00	10.98 -0.19 0.00	11.03 -0.22 0.00	8.87 -0.15 0.00	13.82 -0.58 0.00	17.75 -0.64 0.00	18.89 -0.50 0.00	18.61 -0.34 0.00	19.52 -0.38 0.00	20.33 -0.39 0.00	20.70 -0.38 0.00	20.59 -0.38 0.00	21.66 -0.55 0.00	22.54 -0.89 0.00	25.25 -1.05 0.00	20.64 -1.02 0.00	17.93 -0.90 0.00	17.65 -0.91 0.00	15.11 -0.61 0.00	12.77 -0.46 0.00	11.03 -0.45 0.00
NORTHPORT___1 23551	64.63 1.40 -51.24	55.68 1.38 -42.61	53.14 1.31 -40.56	52.36 1.31 -39.79	53.74 1.30 -41.28	52.38 1.28 -39.84	57.89 1.07 -47.80	55.78 1.78 -39.60	65.05 2.43 -44.23	63.80 2.48 -41.92	66.17 2.23 -44.99	65.60 2.41 -43.29	69.85 2.49 -46.65	71.82 2.57 -48.17	72.56 2.56 -49.03	73.73 2.75 -48.76	76.06 2.95 -49.68	85.99 3.37 -56.32	78.07 2.81 -53.60	75.02 2.47 -53.72	75.02 2.30 -54.16	75.02 1.85 -57.44	58.73 1.63 -43.87	54.67 1.45 -41.75
NORTHPORT___2 23552	64.63 1.40 -51.24	55.68 1.38 -42.61	53.14 1.31 -40.56	52.36 1.31 -39.79	53.74 1.30 -41.28	52.38 1.28 -39.84	57.89 1.07 -47.80	55.78 1.78 -39.60	65.05 2.43 -44.23	63.80 2.48 -41.92	66.17 2.23 -44.99	65.60 2.41 -43.29	69.85 2.49 -46.65	71.82 2.57 -48.17	72.56 2.56 -49.03	73.73 2.75 -48.76	78.56 2.95 -52.18	95.40 3.37 -65.73	93.89 2.81 -69.43	84.62 2.47 -63.32	79.80 2.30 -58.93	77.08 1.85 -59.50	58.73 1.63 -43.87	54.67 1.45 -41.75
NORTHPORT___3 23553	64.45 1.22 -51.24	55.50 1.19 -42.61	52.95 1.12 -40.56	52.16 1.12 -39.79	53.54 1.10 -41.28	52.18 1.08 -39.84	57.73 0.91 -47.80	55.49 1.50 -39.60	64.74 2.11 -44.23	63.48 2.17 -41.92	65.93 1.99 -44.99	65.36 2.17 -43.29	69.61 2.24 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.46 2.49 -48.76	78.14 2.53 -52.18	94.80 2.76 -65.73	93.42 2.34 -69.43	84.23 2.07 -63.32	79.41 1.91 -58.93	76.83 1.60 -59.50	58.54 1.44 -43.87	54.46 1.23 -41.75
NORTHPORT___4 23650	64.45 1.22 -51.24	55.50 1.19 -42.61	52.95 1.12 -40.56	52.16 1.12 -39.79	53.54 1.10 -41.28	52.18 1.08 -39.84	57.73 0.91 -47.80	55.49 1.50 -39.60	64.74 2.11 -44.23	63.48 2.17 -41.92	65.93 1.99 -44.99	65.36 2.17 -43.29	69.61 2.24 -46.65	71.59 2.34 -48.17	72.33 2.33 -49.03	73.46 2.49 -48.76	78.14 2.53 -52.18	94.80 2.76 -65.73	93.42 2.34 -69.43	84.23 2.07 -63.32	79.41 1.91 -58.93	76.83 1.60 -59.50	58.54 1.44 -43.87	54.46 1.23 -41.75
NORTHPORT___IC 23718	64.63 1.40 -51.24	55.68 1.38 -42.61	53.14 1.31 -40.56	52.36 1.31 -39.79	53.74 1.30 -41.28	52.38 1.28 -39.84	57.89 1.07 -47.80	55.78 1.78 -39.60	65.05 2.43 -44.23	63.80 2.48 -41.92	66.17 2.23 -44.99	65.60 2.41 -43.29	69.85 2.49 -46.65	71.82 2.57 -48.17	72.56 2.56 -49.03	73.73 2.75 -48.76	76.06 2.95 -49.68	85.99 3.37 -56.32	78.07 2.81 -53.60	75.02 2.47 -53.72	75.02 2.30 -54.16	75.02 1.85 -57.44	58.73 1.63 -43.87	54.67 1.45 -41.75
NPX_GEN_1385_PROXY 323591	64.32 1.09 -51.24	55.47 1.17 -42.61	52.93 1.09 -40.56	52.14 1.09 -39.79	53.60 1.15 -41.28	52.24 1.15 -39.84	57.80 0.98 -47.80	55.85 1.86 -39.60	65.00 2.37 -44.23	63.62 2.31 -41.92	65.70 1.76 -44.99	65.00 1.81 -43.29	64.01 1.80 -41.49	63.53 1.90 -40.55	63.28 1.87 -40.45	67.10 2.02 -42.87	75.59 2.48 -49.68	85.65 3.02 -56.32	77.70 2.45 -53.60	72.82 1.90 -52.08	62.60 1.76 -42.27	59.32 1.34 -42.26	58.40 1.30 -43.87	54.54 1.31 -41.75
NPX_GEN_CSC 323557	64.84 1.61 -51.24	55.87 1.57 -42.61	53.30 1.47 -40.56	52.50 1.45 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.21 -47.80	55.95 1.96 -39.60	65.31 2.69 -44.23	64.07 2.75 -41.92	66.46 2.52 -44.99	65.87 2.68 -43.29	70.15 2.78 -46.65	72.16 2.91 -48.17	72.88 2.87 -49.03	74.15 3.18 -48.76	79.15 3.54 -52.18	96.16 4.13 -65.73	94.54 3.46 -69.43	85.15 2.99 -63.32	80.28 2.78 -58.93	77.43 2.20 -59.50	58.94 1.84 -43.87	54.83 1.61 -41.75
NSINS_S_GLNS_FALLS 23858	59.52 1.27 -46.27	53.33 1.23 -40.41	51.78 1.14 -39.37	52.18 1.16 -39.76	52.23 1.15 -39.91	55.44 1.23 -42.97	65.06 0.98 -55.06	63.54 1.61 -47.53	63.56 2.19 -42.98	61.02 2.40 -39.22	60.64 2.35 -39.34	55.64 2.35 -33.40	51.09 2.38 -27.99	49.17 2.36 -25.74	49.15 2.31 -25.87	48.13 2.44 -23.47	67.62 2.81 -41.38	81.31 3.18 -51.82	67.78 2.53 -43.59	63.19 2.13 -42.23	55.40 2.04 -34.80	54.16 1.64 -36.80	50.94 1.28 -36.42	50.39 1.08 -37.83
NUCOR_STEEL___DRP 24197	16.18 0.13 -4.06	15.38 0.13 -3.55	14.83 0.10 -3.46	14.86 0.10 -3.49	14.74 0.07 -3.51	15.13 0.10 -3.77	13.94 0.08 -4.84	18.76 0.22 -4.15	22.35 0.20 -3.76	23.05 0.23 -3.42	22.55 0.17 -3.43	22.96 0.16 -2.91	23.33 0.17 -2.44	23.45 0.13 -2.24	23.35 0.13 -2.25	24.42 0.16 -2.05	27.33 0.26 -3.64	31.20 0.34 -4.55	25.79 0.30 -3.83	22.75 0.21 -3.71	21.88 0.26 -3.06	19.13 0.17 -3.23	16.54 0.11 -3.20	14.95 0.15 -3.32
NYISO_LBMP_REFERENCE 24008	11.99 0.00 0.00	11.70 0.00 0.00	11.27 0.00 0.00	11.26 0.00 0.00	11.17 0.00 0.00	11.25 0.00 0.00	9.02 0.00 0.00	14.40 0.00 0.00	18.39 0.00 0.00	19.40 0.00 0.00	18.95 0.00 0.00	19.90 0.00 0.00	20.72 0.00 0.00	21.08 0.00 0.00	20.97 0.00 0.00	22.21 0.00 0.00	23.43 0.00 0.00	26.31 0.00 0.00	21.65 0.00 0.00	18.83 0.00 0.00	18.56 0.00 0.00	15.73 0.00 0.00	13.23 0.00 0.00	11.48 0.00 0.00
NYPA_BRENTWD____GT 24164	64.76 1.53 -51.24	55.80 1.50 -42.61	53.26 1.42 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.48 1.38 -39.84	57.97 1.15 -47.80	55.88 1.89 -39.60	65.22 2.59 -44.23	63.97 2.66 -41.92	66.38 2.45 -44.99	65.82 2.63 -43.29	70.08 2.71 -46.65	72.05 2.80 -48.17	72.79 2.79 -49.03	74.02 3.04 -48.76	78.84 3.23 -52.18	95.77 3.73 -65.73	94.20 3.12 -69.43	84.87 2.71 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.88 1.77 -43.87	54.79 1.56 -41.75
NYPA_GOWANUS____GT5 24156	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24

NYPA_GOWANUS____GT6 24157	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NYPA_HARLEM__RVR_GT1 24160	46.42 1.13 -33.31	41.89 1.10 -29.09	40.64 1.02 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.10 0.91 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.59 1.99 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.82 1.57 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
NYPA_HARLEM__RVR_GT2 24161	46.42 1.13 -33.31	41.89 1.10 -29.09	40.64 1.02 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.10 0.91 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.59 1.99 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.82 1.57 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
NYPA_KENT____GT 24152	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.83 2.58 -29.82	66.50 2.84 -37.35	55.45 2.38 -31.42	51.38 2.11 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
NYPA_POUCH1____GT 24155	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.10 0.91 -30.94	49.43 0.77 -39.64	49.86 1.24 -34.23	51.13 1.78 -30.95	49.41 1.76 -28.25	48.99 1.71 -28.34	45.86 1.91 -24.05	42.83 1.95 -20.16	41.66 2.04 -18.54	41.66 2.06 -18.64	41.36 2.24 -16.91	55.83 2.58 -29.82	66.50 2.84 -37.35	55.45 2.38 -31.42	51.38 2.11 -30.44	45.59 1.95 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24
NYPA_VERNON____GT2 24162	46.39 1.09 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.12 0.93 -30.94	49.45 0.78 -39.64	49.91 1.28 -34.23	51.20 1.86 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.81 2.55 -29.82	66.47 2.82 -37.35	55.43 2.36 -31.42	51.36 2.09 -30.44	45.59 1.95 -25.08	43.85 1.60 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
NYPA_VERNON____GT3 24163	46.39 1.09 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.12 0.93 -30.94	49.45 0.78 -39.64	49.91 1.28 -34.23	51.20 1.86 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.81 2.55 -29.82	66.47 2.82 -37.35	55.43 2.36 -31.42	51.36 2.09 -30.44	45.59 1.95 -25.08	43.85 1.60 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
NYPA__ASTORIA_CC1 323568	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
NYPA__ASTORIA_CC2 323569	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
NYPA__HOLTSVILL 23794	64.75 1.52 -51.24	55.79 1.49 -42.61	53.23 1.40 -40.56	52.43 1.38 -39.79	53.82 1.37 -41.28	52.46 1.36 -39.84	57.96 1.15 -47.80	55.82 1.83 -39.60	65.15 2.52 -44.23	63.87 2.56 -41.92	66.29 2.35 -44.99	65.72 2.53 -43.29	70.00 2.63 -46.65	71.97 2.72 -48.17	72.71 2.71 -49.03	73.93 2.95 -48.76	78.84 3.23 -52.18	95.77 3.73 -65.73	94.22 3.14 -69.43	84.88 2.73 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.82 1.72 -43.87	54.75 1.53 -41.75
NYPA____HELLGATE_GT1 24158	46.42 1.13 -33.31	41.89 1.10 -29.09	40.64 1.02 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.10 0.91 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.59 1.99 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.82 1.57 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
NYPA____HELLGATE_GT2 24159	46.42 1.13 -33.31	41.89 1.10 -29.09	40.64 1.02 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.10 0.91 -30.94	49.42 0.76 -39.64	49.80 1.18 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.61 2.00 -18.53	41.59 1.99 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.82 1.57 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
NYS_BARGE__HYD 23848	16.83 -0.29 -5.13	15.91 -0.27 -4.48	15.33 -0.32 -4.37	15.33 -0.35 -4.41	15.24 -0.36 -4.43	15.70 -0.31 -4.77	14.80 -0.32 -6.11	18.91 -0.55 -5.06	21.94 -1.03 -4.58	22.53 -0.97 -4.10	21.94 -1.12 -4.11	22.17 -1.21 -3.49	22.36 -1.28 -2.93	22.44 -1.33 -2.69	22.35 -1.32 -2.70	23.36 -1.31 -2.45	26.80 -1.22 -4.59	30.51 -1.55 -5.75	25.54 -0.95 -4.84	22.71 -0.81 -4.69	21.61 -0.82 -3.86	19.06 -0.75 -4.08	16.51 -0.77 -4.04	15.34 -0.33 -4.20
OAK ORCHARD__HYD 24046	16.05 -0.11 -4.17	15.22 -0.12 -3.64	14.68 -0.15 -3.55	14.68 -0.17 -3.58	14.60 -0.17 -3.60	14.98 -0.15 -3.87	13.85 -0.14 -4.96	18.36 -0.20 -4.17	21.70 -0.46 -3.77	22.38 -0.41 -3.40	21.88 -0.47 -3.41	22.29 -0.50 -2.89	22.59 -0.56 -2.42	22.74 -0.57 -2.23	22.64 -0.57 -2.24	23.69 -0.55 -2.03	26.72 -0.45 -3.73	30.48 -0.50 -4.68	25.33 -0.26 -3.93	22.38 -0.26 -3.81	21.46 -0.24 -3.14	18.79 -0.25 -3.32	16.19 -0.33 -3.28	14.77 -0.11 -3.41
OCC_CHEM__DRP 24175	16.78 -0.50 -5.29	15.85 -0.47 -4.62	15.26 -0.52 -4.50	15.26 -0.55 -4.55	15.18 -0.56 -4.57	15.65 -0.52 -4.92	14.80 -0.51 -6.30	18.72 -0.88 -5.21	21.61 -1.49 -4.71	22.15 -1.46 -4.21	21.58 -1.59 -4.22	21.77 -1.71 -3.58	21.92 -1.80 -3.00	21.99 -1.86 -2.76	21.88 -1.87 -2.78	22.84 -1.89 -2.52	26.29 -1.88 -4.73	29.92 -2.32 -5.93	25.08 -1.56 -4.99	22.37 -1.30 -4.83	21.26 -1.28 -3.98	18.80 -1.13 -4.21	16.33 -1.07 -4.17	15.23 -0.57 -4.33

OH_GEN_PROXY 24063	16.82 -0.41 -5.24	15.90 -0.37 -4.58	15.31 -0.43 -4.46	15.32 -0.45 -4.50	15.23 -0.46 -4.52	15.69 -0.43 -4.87	14.87 -0.39 -6.24	18.88 -0.66 -5.15	21.85 -1.20 -4.65	22.41 -1.14 -4.16	21.83 -1.29 -4.17	22.03 -1.41 -3.54	22.20 -1.49 -2.97	22.25 -1.56 -2.73	22.16 -1.55 -2.75	23.15 -1.56 -2.49	26.62 -1.50 -4.69	30.31 -1.87 -5.87	25.38 -1.21 -4.94	22.62 -1.00 -4.78	21.52 -0.98 -3.94	19.00 -0.90 -4.17	16.50 -0.86 -4.13	15.35 -0.41 -4.29
OLIN_CORP_DRP 24177	16.86 -0.47 -5.34	15.93 -0.43 -4.66	15.35 -0.47 -4.54	15.35 -0.51 -4.59	15.26 -0.51 -4.61	15.74 -0.47 -4.96	14.92 -0.45 -6.35	18.88 -0.76 -5.25	21.80 -1.34 -4.75	22.36 -1.28 -4.25	21.78 -1.42 -4.26	21.96 -1.55 -3.61	22.11 -1.64 -3.03	22.18 -1.69 -2.79	22.09 -1.68 -2.80	23.06 -1.69 -2.54	26.54 -1.66 -4.78	30.24 -2.05 -5.98	25.32 -1.36 -5.03	22.58 -1.13 -4.87	21.47 -1.11 -4.02	18.97 -1.01 -4.25	16.47 -0.97 -4.20	15.35 -0.49 -4.37
OLIN_CORP_DSASP 323712	16.78 -0.50 -5.29	15.85 -0.47 -4.62	15.26 -0.52 -4.50	15.26 -0.55 -4.55	15.18 -0.56 -4.57	15.65 -0.52 -4.92	14.80 -0.51 -6.30	18.72 -0.88 -5.21	21.61 -1.49 -4.71	22.15 -1.46 -4.21	21.58 -1.59 -4.22	21.77 -1.71 -3.58	21.92 -1.80 -3.00	21.99 -1.86 -2.76	21.88 -1.87 -2.78	22.84 -1.89 -2.52	26.29 -1.88 -4.73	29.92 -2.32 -5.93	25.08 -1.56 -4.99	22.37 -1.30 -4.83	21.26 -1.28 -3.98	18.80 -1.13 -4.21	16.33 -1.07 -4.17	15.23 -0.57 -4.33
ONEIDA_HERK_LFGE 323681	12.30 0.31 0.00	11.99 0.29 0.00	11.55 0.27 0.00	11.54 0.28 0.00	11.44 0.27 0.00	11.55 0.30 0.00	9.24 0.23 0.00	14.84 0.45 0.00	19.05 0.66 0.00	20.15 0.76 0.00	19.73 0.78 0.00	20.67 0.78 0.00	21.51 0.79 0.00	21.86 0.78 0.00	21.66 0.69 0.00	22.99 0.78 0.00	24.37 0.94 0.00	27.46 1.16 0.00	22.37 0.71 0.00	19.40 0.56 0.00	19.12 0.56 0.00	16.13 0.41 0.00	13.54 0.30 0.00	11.79 0.31 0.00
ONONDAGA_REF_OCCRA 23987	15.64 0.02 -3.63	14.88 0.01 -3.17	14.35 -0.01 -3.09	14.37 -0.01 -3.12	14.28 -0.02 -3.13	14.62 0.00 -3.37	13.34 0.00 -4.32	18.17 0.06 -3.72	21.78 0.02 -3.37	22.48 0.02 -3.07	22.03 0.00 -3.08	22.49 -0.02 -2.61	22.89 -0.02 -2.19	23.05 -0.04 -2.01	22.93 -0.06 -2.02	24.01 -0.04 -1.84	26.73 0.05 -3.25	30.48 0.11 -4.07	25.16 0.09 -3.42	22.19 0.04 -3.31	21.39 0.09 -2.73	18.65 0.03 -2.89	16.09 0.00 -2.86	14.49 0.05 -2.97
ONONDAGA___COGEN 23986	15.38 0.01 -3.39	14.67 0.01 -2.96	14.15 -0.01 -2.88	14.16 -0.01 -2.91	14.07 -0.02 -2.92	14.39 -0.01 -3.15	13.04 -0.01 -4.03	17.93 0.07 -3.46	21.54 0.02 -3.13	22.27 0.02 -2.85	21.79 -0.02 -2.86	22.26 -0.06 -2.43	22.67 -0.08 -2.03	22.86 -0.08 -1.87	22.74 -0.10 -1.88	23.83 -0.09 -1.71	26.49 0.02 -3.03	30.18 0.08 -3.80	24.93 0.09 -3.19	21.95 0.02 -3.09	21.19 0.07 -2.55	18.45 0.03 -2.70	15.90 0.00 -2.67	14.29 0.05 -2.77
ONTARIO___LFGE 23819	16.92 0.13 -4.80	16.01 0.12 -4.19	15.43 0.07 -4.08	15.46 0.07 -4.12	15.38 0.07 -4.14	15.81 0.10 -4.46	14.80 0.07 -5.71	19.52 0.24 -4.88	23.01 0.20 -4.41	23.64 0.23 -4.01	23.16 0.19 -4.02	23.43 0.12 -3.41	23.68 0.10 -2.86	23.71 0.00 -2.63	23.63 0.02 -2.64	24.63 0.02 -2.40	27.87 0.14 -4.30	31.90 0.21 -5.38	26.52 0.35 -4.52	23.43 0.21 -4.38	22.56 0.39 -3.61	19.72 0.17 -3.82	17.05 0.04 -3.78	15.55 0.15 -3.92
ORANGEVILLE_WT_PWR 323706	18.29 -0.02 -6.33	17.22 0.00 -5.53	16.60 -0.06 -5.39	16.61 -0.09 -5.44	16.54 -0.09 -5.46	17.07 -0.06 -5.88	16.47 -0.08 -7.53	20.62 -0.12 -6.35	23.71 -0.42 -5.74	24.22 -0.35 -5.17	23.68 -0.45 -5.19	23.76 -0.54 -4.40	23.85 -0.56 -3.69	23.86 -0.61 -3.39	23.79 -0.59 -3.41	24.75 -0.55 -3.10	28.65 -0.45 -5.66	32.79 -0.60 -7.09	27.36 -0.26 -5.96	24.39 -0.23 -5.78	23.10 -0.22 -4.76	20.49 -0.27 -5.04	17.87 -0.34 -4.98	16.62 -0.03 -5.18
OSWEGATCHIE___HYD 24044	11.89 -0.10 0.00	11.58 -0.12 0.00	11.23 -0.04 0.00	11.23 -0.03 0.00	11.17 0.00 0.00	11.25 0.00 0.00	9.03 0.01 0.00	14.24 -0.16 0.00	18.32 -0.07 0.00	19.45 0.06 0.00	19.14 0.19 0.00	20.07 0.18 0.00	20.89 0.17 0.00	21.23 0.15 0.00	21.05 0.08 0.00	22.24 0.02 0.00	23.36 -0.07 0.00	26.28 -0.03 0.00	21.35 -0.30 0.00	18.51 -0.32 0.00	18.26 -0.30 0.00	15.54 -0.19 0.00	13.09 -0.15 0.00	11.36 -0.11 0.00
OSWEGO___5 23606	14.24 -0.18 -2.43	13.63 -0.19 -2.12	13.15 -0.19 -2.07	13.16 -0.19 -2.09	13.08 -0.19 -2.10	13.32 -0.19 -2.26	11.76 -0.15 -2.89	16.68 -0.20 -2.48	20.29 -0.35 -2.25	21.07 -0.37 -2.05	20.62 -0.38 -2.05	21.20 -0.44 -1.74	21.73 -0.46 -1.46	21.96 -0.46 -1.34	21.86 -0.46 -1.35	22.95 -0.49 -1.22	25.16 -0.45 -2.17	28.56 -0.47 -2.72	23.55 -0.39 -2.29	20.69 -0.36 -2.22	20.09 -0.30 -1.83	17.41 -0.25 -1.93	14.92 -0.23 -1.91	13.31 -0.15 -1.99
OSWEGO___6 23613	14.24 -0.18 -2.43	13.63 -0.19 -2.12	13.15 -0.19 -2.07	13.16 -0.19 -2.09	13.08 -0.19 -2.10	13.32 -0.19 -2.26	11.76 -0.15 -2.89	16.68 -0.20 -2.48	20.29 -0.35 -2.25	21.07 -0.37 -2.05	20.62 -0.38 -2.05	21.20 -0.44 -1.74	21.73 -0.46 -1.46	21.96 -0.46 -1.34	21.86 -0.46 -1.35	22.95 -0.49 -1.22	25.16 -0.45 -2.17	28.56 -0.47 -2.72	23.55 -0.39 -2.29	20.69 -0.36 -2.22	20.09 -0.30 -1.83	17.41 -0.25 -1.93	14.92 -0.23 -1.91	13.31 -0.15 -1.99
OUTOKUMPU-AB___DRP 24206	17.18 -0.19 -5.38	16.22 -0.18 -4.70	15.63 -0.23 -4.58	15.62 -0.27 -4.63	15.55 -0.27 -4.64	16.02 -0.22 -5.00	15.16 -0.26 -6.41	19.26 -0.43 -5.29	22.30 -0.88 -4.79	22.86 -0.81 -4.28	22.27 -0.97 -4.29	22.48 -1.06 -3.64	22.66 -1.12 -3.05	22.73 -1.16 -2.81	22.64 -1.15 -2.82	23.64 -1.13 -2.56	27.24 -1.01 -4.81	31.02 -1.31 -6.03	25.92 -0.80 -5.07	23.09 -0.66 -4.91	21.94 -0.67 -4.05	19.36 -0.65 -4.28	16.80 -0.67 -4.24	15.63 -0.25 -4.40
OXBOW___ 24026	16.99 -0.34 -5.34	16.05 -0.30 -4.66	15.46 -0.36 -4.54	15.46 -0.39 -4.59	15.38 -0.39 -4.61	15.85 -0.36 -4.96	14.99 -0.38 -6.35	19.01 -0.63 -5.25	21.98 -1.16 -4.75	22.56 -1.09 -4.24	21.97 -1.23 -4.26	22.16 -1.35 -3.61	22.32 -1.43 -3.03	22.39 -1.48 -2.79	22.30 -1.47 -2.80	23.29 -1.47 -2.54	26.82 -1.38 -4.77	30.53 -1.76 -5.98	25.56 -1.13 -5.03	22.77 -0.94 -4.87	21.65 -0.93 -4.02	19.11 -0.86 -4.25	16.59 -0.85 -4.20	15.45 -0.39 -4.37
OXY_CHEM_DSASP 323612	16.78 -0.50 -5.29	15.85 -0.47 -4.62	15.26 -0.52 -4.50	15.26 -0.55 -4.55	15.18 -0.56 -4.57	15.65 -0.52 -4.92	14.80 -0.51 -6.30	18.72 -0.88 -5.21	21.61 -1.49 -4.71	22.15 -1.46 -4.21	21.58 -1.59 -4.22	21.77 -1.71 -3.58	21.92 -1.80 -3.00	21.99 -1.86 -2.76	21.88 -1.87 -2.78	22.84 -1.89 -2.52	26.29 -1.88 -4.73	29.92 -2.32 -5.93	25.08 -1.56 -4.99	22.37 -1.30 -4.83	21.26 -1.28 -3.98	18.80 -1.13 -4.21	16.33 -1.07 -4.17	15.23 -0.57 -4.33
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.78 -0.50 -5.29	15.85 -0.47 -4.62	15.26 -0.52 -4.50	15.26 -0.55 -4.55	15.18 -0.56 -4.57	15.65 -0.52 -4.92	14.80 -0.51 -6.30	18.72 -0.88 -5.21	21.61 -1.49 -4.71	22.15 -1.46 -4.21	21.58 -1.59 -4.22	21.77 -1.71 -3.58	21.92 -1.80 -3.00	21.99 -1.86 -2.76	21.88 -1.87 -2.78	22.84 -1.89 -2.52	26.29 -1.88 -4.73	29.92 -2.32 -5.93	25.08 -1.56 -4.99	22.37 -1.30 -4.83	21.26 -1.28 -3.98	18.80 -1.13 -4.21	16.33 -1.07 -4.17	15.23 -0.57 -4.33

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.41 1.11 -33.31	41.89 1.10 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.10 0.91 -30.94	49.42 0.76 -39.64	49.81 1.19 -34.22	51.09 1.75 -30.94	49.39 1.75 -28.24	48.95 1.67 -28.33	45.79 1.85 -24.05	42.78 1.91 -20.15	41.59 1.98 -18.53	41.57 1.97 -18.63	41.27 2.15 -16.90	55.66 2.41 -29.82	66.30 2.66 -37.34	55.29 2.23 -31.41	51.24 1.98 -30.43	45.47 1.84 -25.07	43.81 1.56 -26.52	40.76 1.30 -26.22	39.82 1.10 -27.24
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.57 1.27 -33.31	41.98 1.19 -29.09	40.69 1.07 -28.35	40.95 1.06 -28.63	40.96 1.05 -28.74	43.15 0.97 -30.94	49.47 0.81 -39.64	49.98 1.37 -34.22	51.27 1.93 -30.94	49.58 1.94 -28.24	49.14 1.86 -28.33	45.89 1.95 -24.05	42.86 1.99 -20.15	41.69 2.09 -18.53	41.65 2.06 -18.63	41.38 2.27 -16.90	56.13 2.88 -29.82	66.80 3.16 -37.34	55.70 2.64 -31.41	51.60 2.33 -30.43	45.80 2.17 -25.07	44.01 1.76 -26.52	40.94 1.48 -26.22	39.99 1.27 -27.24
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.90 0.04 -5.88	16.89 0.06 -5.13	16.27 0.00 -5.00	16.27 -0.04 -5.05	16.19 -0.04 -5.07	16.70 -0.01 -5.46	15.97 -0.04 -6.99	20.06 -0.07 -5.74	23.21 -0.37 -5.19	23.74 -0.27 -4.62	23.14 -0.44 -4.63	23.31 -0.52 -3.93	23.48 -0.54 -3.29	23.54 -0.57 -3.03	23.45 -0.57 -3.05	24.49 -0.49 -2.76	28.41 -0.28 -5.26	32.42 -0.47 -6.58	27.06 -0.13 -5.54	24.09 -0.11 -5.36	22.85 -0.13 -4.42	20.20 -0.20 -4.67	17.57 -0.29 -4.63	16.30 0.02 -4.80
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.38 1.07 -34.33	42.69 1.02 -29.98	41.45 0.97 -29.21	41.78 1.01 -29.50	41.75 0.97 -29.61	44.07 0.95 -31.88	50.66 0.79 -40.85	50.95 1.28 -35.27	52.24 1.95 -31.89	50.54 2.04 -29.11	50.08 1.93 -29.20	46.77 2.09 -24.79	43.65 2.16 -20.77	42.39 2.21 -19.10	42.37 2.20 -19.20	42.01 2.38 -17.42	56.69 2.53 -30.73	67.82 3.02 -38.48	56.45 2.42 -32.37	52.29 2.09 -31.36	46.45 2.04 -25.84	44.66 1.60 -27.33	41.47 1.22 -27.02	40.64 1.09 -28.07
PEEKSKILL____ 23653	45.91 0.90 -33.03	41.42 0.88 -28.85	40.23 0.85 -28.11	40.49 0.85 -28.38	40.49 0.83 -28.49	42.72 0.80 -30.67	48.99 0.67 -39.30	49.44 1.11 -33.94	50.70 1.62 -30.69	49.08 1.67 -28.01	48.64 1.59 -28.10	45.48 1.73 -23.85	42.49 1.78 -19.99	41.31 1.86 -18.38	41.29 1.85 -18.48	41.00 2.02 -16.76	55.18 2.18 -29.57	65.79 2.45 -37.03	54.84 2.03 -31.15	50.80 1.79 -30.18	45.13 1.71 -24.87	43.38 1.35 -26.30	40.31 1.07 -26.00	39.40 0.92 -27.01
PGE MADISON____WINDPWR 24146	23.22 0.87 -10.36	21.55 0.81 -9.04	20.79 0.70 -8.81	20.89 0.73 -8.90	20.74 0.64 -8.93	21.58 0.71 -9.62	21.89 0.55 -12.32	26.21 1.12 -10.69	29.68 1.62 -9.66	29.96 1.73 -8.83	29.48 1.67 -8.86	29.17 1.75 -7.52	28.83 1.80 -6.30	28.58 1.71 -5.80	28.41 1.61 -5.83	29.32 1.82 -5.29	34.90 2.20 -9.27	40.67 2.76 -11.61	33.32 1.91 -9.76	29.82 1.52 -9.46	27.82 1.47 -7.79	25.05 1.08 -8.24	22.18 0.79 -8.15	20.76 0.81 -8.47
PIERCEFIELD____HYD 23852	11.54 -0.44 0.00	11.26 -0.43 0.00	10.97 -0.30 0.00	10.97 -0.29 0.00	10.95 -0.22 0.00	10.99 -0.26 0.00	8.84 -0.18 0.00	13.73 -0.66 0.00	17.64 -0.75 0.00	18.79 -0.60 0.00	18.53 -0.42 0.00	19.44 -0.46 0.00	20.25 -0.48 0.00	20.59 -0.48 0.00	20.49 -0.48 0.00	21.55 -0.67 0.00	22.42 -1.01 0.00	25.07 -1.24 0.00	20.44 -1.21 0.00	17.76 -1.07 0.00	17.54 -1.02 0.00	15.03 -0.69 0.00	12.72 -0.52 0.00	11.00 -0.48 0.00
PINELAWN_CC_1 323563	64.67 1.44 -51.24	55.69 1.39 -42.61	53.15 1.32 -40.56	52.36 1.31 -39.79	53.74 1.30 -41.28	52.38 1.28 -39.84	57.89 1.07 -47.80	55.74 1.74 -39.60	65.04 2.41 -44.23	63.80 2.48 -41.92	66.21 2.27 -44.99	65.66 2.47 -43.29	69.94 2.57 -46.65	71.93 2.68 -48.17	72.67 2.66 -49.03	73.89 2.91 -48.76	78.75 3.14 -52.18	95.58 3.55 -65.73	94.07 2.99 -69.43	84.75 2.60 -63.32	79.95 2.45 -58.93	77.21 1.98 -59.50	58.78 1.68 -43.87	54.67 1.45 -41.75
PJM_GEN_HTP_PROXY 323702	46.33 1.03 -33.31	41.80 1.02 -29.09	40.59 0.97 -28.34	40.84 0.96 -28.62	40.85 0.95 -28.73	43.09 0.91 -30.93	49.43 0.78 -39.64	49.90 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.06 1.78 -28.33	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.38 2.27 -16.90	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.30 2.03 -30.43	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
PJM_GEN_KEystone 24065	33.01 0.36 -20.67	30.12 0.37 -18.05	29.20 0.34 -17.59	29.35 0.33 -17.76	29.31 0.31 -17.83	30.75 0.30 -19.19	33.87 0.25 -24.59	35.75 0.42 -20.94	37.84 0.51 -18.93	37.18 0.58 -17.20	36.64 0.44 -17.25	35.00 0.46 -14.65	33.47 0.48 -12.27	32.87 0.51 -11.29	32.82 0.50 -11.35	33.11 0.60 -10.29	42.68 0.75 -18.50	50.26 0.79 -23.17	41.92 0.78 -19.49	38.39 0.68 -18.88	34.75 0.63 -15.56	32.63 0.46 -16.45	29.82 0.32 -16.27	28.74 0.37 -16.90
PJM_GEN_NEPTUNE_PROXY 323594	64.51 1.28 -51.24	55.56 1.25 -42.61	53.02 1.18 -40.56	52.23 1.18 -39.79	53.61 1.16 -41.28	52.24 1.15 -39.84	57.77 0.96 -47.80	55.56 1.57 -39.60	64.81 2.19 -44.23	63.56 2.25 -41.92	66.02 2.08 -44.99	65.44 2.25 -43.29	69.71 2.34 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.44 2.83 -52.18	95.16 3.13 -65.73	93.70 2.62 -69.43	84.47 2.32 -63.32	79.68 2.19 -58.93	77.00 1.78 -59.50	58.58 1.48 -43.87	54.51 1.29 -41.75
PJM_GEN_VFT_PROXY 323633	46.28 0.98 -33.31	41.76 0.97 -29.09	40.53 0.91 -28.35	40.80 0.91 -28.63	40.81 0.90 -28.73	43.05 0.87 -30.93	49.40 0.74 -39.64	49.86 1.24 -34.23	51.13 1.78 -30.95	49.45 1.80 -28.25	48.99 1.71 -28.34	45.82 1.87 -24.05	42.81 1.93 -20.16	41.62 2.00 -18.54	41.60 1.99 -18.64	41.30 2.18 -16.91	55.65 2.39 -29.82	66.26 2.61 -37.35	55.28 2.21 -31.41	51.25 1.98 -30.44	45.48 1.84 -25.08	43.73 1.48 -26.52	40.63 1.18 -26.22	39.70 0.99 -27.24
PLEASANTVLY____LBMP 24000	47.65 0.87 -34.79	42.95 0.87 -30.38	41.70 0.82 -29.60	41.99 0.83 -29.90	42.00 0.82 -30.01	44.36 0.80 -32.31	51.07 0.65 -41.40	51.22 1.08 -35.75	52.26 1.55 -32.32	50.51 1.61 -29.50	50.08 1.53 -29.59	46.67 1.65 -25.12	43.49 1.72 -21.05	42.23 1.79 -19.36	42.21 1.78 -19.46	41.80 1.93 -17.66	56.67 2.08 -31.15	67.66 2.34 -39.01	56.41 1.95 -32.81	52.34 1.71 -31.79	46.37 1.61 -26.19	44.73 1.30 -27.70	41.67 1.05 -27.39	40.81 0.88 -28.45
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.84 0.94 -33.92	42.23 0.91 -29.62	41.01 0.88 -28.86	41.29 0.88 -29.14	41.29 0.86 -29.26	43.59 0.84 -31.49	50.07 0.69 -40.36	50.39 1.15 -34.85	51.56 1.66 -31.51	49.87 1.71 -28.76	49.43 1.63 -28.85	46.15 1.77 -24.49	43.09 1.84 -20.52	41.87 1.92 -18.87	41.85 1.91 -18.97	41.51 2.09 -17.21	56.04 2.25 -30.36	66.86 2.53 -38.02	55.74 2.10 -31.98	51.67 1.85 -30.99	45.84 1.74 -25.53	44.13 1.40 -27.00	41.04 1.11 -26.70	40.16 0.95 -27.73
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.41 0.98 -35.45	43.60 0.95 -30.96	42.36 0.92 -30.16	42.65 0.92 -30.46	42.66 0.92 -30.58	45.07 0.90 -32.91	51.94 0.74 -42.18	52.01 1.19 -36.42	53.05 1.73 -32.93	51.28 1.82 -30.06	50.82 1.72 -30.15	47.36 1.87 -25.59	44.12 1.95 -21.45	42.82 2.02 -19.72	42.79 1.99 -19.83	42.40 2.20 -17.99	57.48 2.32 -31.73	68.70 2.66 -39.73	57.29 2.21 -33.42	53.12 1.90 -32.38	47.06 1.82 -26.68	45.39 1.45 -28.22	42.27 1.14 -27.90	41.43 0.98 -28.98

POLETTI____ 23519	46.33 1.03 -33.31	41.81 1.02 -29.09	40.58 0.96 -28.35	40.84 0.96 -28.63	40.85 0.95 -28.73	43.10 0.91 -30.93	49.43 0.77 -39.64	49.90 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.06 1.78 -28.34	45.88 1.93 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.36 2.71 -37.35	55.36 2.29 -31.41	51.30 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
PORT_JEFF_3 23555	64.78 1.55 -51.24	55.81 1.51 -42.61	53.26 1.42 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.48 1.38 -39.84	57.98 1.16 -47.80	55.87 1.87 -39.60	65.20 2.57 -44.23	63.93 2.62 -41.92	66.34 2.41 -44.99	65.78 2.59 -43.29	70.06 2.69 -46.65	72.03 2.78 -48.17	72.77 2.77 -49.03	74.00 3.02 -48.76	78.93 3.33 -52.18	95.90 3.87 -65.73	94.31 3.23 -69.43	84.96 2.81 -63.32	80.11 2.62 -58.93	77.30 2.08 -59.50	58.86 1.76 -43.87	54.78 1.55 -41.75
PORT_JEFF_4 23616	64.78 1.55 -51.24	55.81 1.51 -42.61	53.26 1.42 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.48 1.38 -39.84	57.98 1.16 -47.80	55.87 1.87 -39.60	65.20 2.57 -44.23	63.93 2.62 -41.92	66.34 2.41 -44.99	65.78 2.59 -43.29	70.06 2.69 -46.65	72.03 2.78 -48.17	72.77 2.77 -49.03	74.00 3.02 -48.76	78.93 3.33 -52.18	95.90 3.87 -65.73	94.31 3.23 -69.43	84.96 2.81 -63.32	80.11 2.62 -58.93	77.30 2.08 -59.50	58.86 1.76 -43.87	54.78 1.55 -41.75
PORT_JEFF_IC 23713	64.78 1.55 -51.24	55.81 1.51 -42.61	53.26 1.42 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.48 1.38 -39.84	57.98 1.16 -47.80	55.87 1.87 -39.60	65.20 2.57 -44.23	63.95 2.64 -41.92	66.34 2.41 -44.99	65.80 2.61 -43.29	70.06 2.69 -46.65	72.05 2.80 -48.17	72.77 2.77 -49.03	74.02 3.04 -48.76	78.96 3.35 -52.18	95.90 3.87 -65.73	94.33 3.25 -69.43	84.98 2.82 -63.32	80.11 2.62 -58.93	77.32 2.09 -59.50	58.88 1.77 -43.87	54.78 1.55 -41.75
PPL PILGRIM_ST_GT1 24216	64.76 1.53 -51.24	55.80 1.50 -42.61	53.26 1.42 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.48 1.38 -39.84	57.97 1.15 -47.80	55.88 1.89 -39.60	65.22 2.59 -44.23	63.97 2.66 -41.92	66.38 2.45 -44.99	65.82 2.63 -43.29	70.08 2.71 -46.65	72.05 2.80 -48.17	72.79 2.79 -49.03	74.02 3.04 -48.76	78.84 3.23 -52.18	95.77 3.73 -65.73	94.20 3.12 -69.43	84.87 2.71 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.88 1.77 -43.87	54.79 1.56 -41.75
PPL PILGRIM_ST_GT2 24217	64.76 1.53 -51.24	55.80 1.50 -42.61	53.26 1.42 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.48 1.38 -39.84	57.97 1.15 -47.80	55.88 1.89 -39.60	65.22 2.59 -44.23	63.97 2.66 -41.92	66.38 2.45 -44.99	65.82 2.63 -43.29	70.08 2.71 -46.65	72.05 2.80 -48.17	72.79 2.79 -49.03	74.02 3.04 -48.76	78.84 3.23 -52.18	95.77 3.73 -65.73	94.20 3.12 -69.43	84.87 2.71 -63.32	80.04 2.54 -58.93	77.25 2.03 -59.50	58.88 1.77 -43.87	54.79 1.56 -41.75
PPL_SHRM_GT3 24213	64.85 1.62 -51.24	55.87 1.57 -42.61	53.31 1.48 -40.56	52.51 1.46 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.22 -47.80	55.97 1.97 -39.60	65.31 2.69 -44.23	64.05 2.74 -41.92	66.44 2.50 -44.99	65.87 2.68 -43.29	70.15 2.78 -46.65	72.16 2.91 -48.17	72.88 2.87 -49.03	74.15 3.18 -48.76	79.17 3.56 -52.18	96.19 4.16 -65.73	94.54 3.46 -69.43	85.17 3.01 -63.32	80.30 2.80 -58.93	77.43 2.20 -59.50	58.94 1.84 -43.87	54.85 1.62 -41.75
PPL_SHRM_GT4 24214	64.85 1.62 -51.24	55.87 1.57 -42.61	53.31 1.48 -40.56	52.51 1.46 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.22 -47.80	55.97 1.97 -39.60	65.31 2.69 -44.23	64.05 2.74 -41.92	66.44 2.50 -44.99	65.87 2.68 -43.29	70.15 2.78 -46.65	72.16 2.91 -48.17	72.88 2.87 -49.03	74.15 3.18 -48.76	79.17 3.56 -52.18	96.19 4.16 -65.73	94.54 3.46 -69.43	85.17 3.01 -63.32	80.30 2.80 -58.93	77.43 2.20 -59.50	58.94 1.84 -43.87	54.85 1.62 -41.75
PROJECT____ORANGE 1 24174	14.92 -0.01 -2.95	14.26 -0.01 -2.57	13.75 -0.03 -2.51	13.76 -0.03 -2.53	13.67 -0.04 -2.54	13.95 -0.03 -2.74	12.50 -0.03 -3.51	17.42 0.01 -3.01	21.06 -0.06 -2.73	21.82 -0.06 -2.48	21.36 -0.08 -2.49	21.89 -0.12 -2.11	22.37 -0.12 -1.77	22.58 -0.13 -1.63	22.46 -0.15 -1.64	23.57 -0.13 -1.49	26.02 -0.05 -2.64	29.58 -0.03 -3.30	24.41 -0.02 -2.78	21.49 -0.04 -2.69	20.78 0.00 -2.22	18.05 -0.02 -2.34	15.51 -0.04 -2.32	13.91 0.02 -2.41
PROJECT____ORANGE 2 24166	14.92 -0.01 -2.95	14.26 -0.01 -2.57	13.75 -0.03 -2.51	13.76 -0.03 -2.53	13.67 -0.04 -2.54	13.95 -0.03 -2.74	12.50 -0.03 -3.51	17.42 0.01 -3.01	21.06 -0.06 -2.73	21.82 -0.06 -2.48	21.36 -0.08 -2.49	21.89 -0.12 -2.11	22.37 -0.12 -1.77	22.58 -0.13 -1.63	22.46 -0.15 -1.64	23.57 -0.13 -1.49	26.02 -0.05 -2.64	29.58 -0.03 -3.30	24.41 -0.02 -2.78	21.49 -0.04 -2.69	20.78 0.00 -2.22	18.05 -0.02 -2.34	15.51 -0.04 -2.32	13.91 0.02 -2.41
PYRITES____HYD 24023	11.61 -0.37 0.00	11.33 -0.36 0.00	11.04 -0.24 0.00	11.04 -0.23 0.00	11.01 -0.16 0.00	11.06 -0.19 0.00	8.90 -0.12 0.00	13.91 -0.49 0.00	17.88 -0.51 0.00	19.01 -0.39 0.00	18.72 -0.23 0.00	19.62 -0.28 0.00	20.43 -0.29 0.00	20.78 -0.30 0.00	20.66 -0.31 0.00	21.75 -0.47 0.00	22.75 -0.68 0.00	25.52 -0.79 0.00	20.76 -0.89 0.00	18.02 -0.81 0.00	17.73 -0.83 0.00	15.14 -0.58 0.00	12.78 -0.45 0.00	11.05 -0.42 0.00
RAMAPO____LBMP 323565	44.97 0.83 -32.16	40.60 0.82 -28.08	39.42 0.78 -27.36	39.67 0.78 -27.63	39.68 0.77 -27.74	41.86 0.74 -29.86	47.90 0.61 -38.27	48.46 1.02 -33.04	49.76 1.49 -29.88	48.20 1.53 -27.27	47.76 1.46 -27.36	44.69 1.57 -23.22	41.82 1.64 -19.46	40.68 1.71 -17.89	40.66 1.70 -17.99	40.40 1.87 -16.32	54.24 2.02 -28.79	64.59 2.23 -36.05	53.86 1.88 -30.32	49.87 1.66 -29.38	44.33 1.56 -24.21	42.57 1.24 -25.60	39.53 0.98 -25.31	38.61 0.84 -26.29
RANKINE____ 23646	17.67 -0.06 -5.74	16.67 -0.03 -5.01	16.07 -0.09 -4.88	16.06 -0.13 -4.93	15.98 -0.15 -4.95	16.48 -0.10 -5.33	15.72 -0.13 -6.83	19.81 -0.22 -5.63	22.89 -0.59 -5.09	23.45 -0.48 -4.54	22.86 -0.64 -4.56	23.03 -0.74 -3.87	23.20 -0.77 -3.24	23.26 -0.80 -2.98	23.17 -0.80 -3.00	24.18 -0.76 -2.72	27.96 -0.61 -5.13	31.89 -0.84 -6.43	26.65 -0.41 -5.41	23.74 -0.34 -5.24	22.53 -0.35 -4.32	19.91 -0.38 -4.57	17.32 -0.44 -4.52	16.10 -0.07 -4.69
RAVENSWOOD_GT2_1 24244	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.81 1.56 -26.52	40.70 1.24 -26.22	39.77 1.06 -27.24
RAVENSWOOD_GT2_2 24245	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.81 1.56 -26.52	40.70 1.24 -26.22	39.77 1.06 -27.24



RAVENSWOOD_GT2_3 24246	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.42	51.32 2.05 -30.44	45.55 1.91 -25.08	43.81 1.56 -26.52	40.70 1.24 -26.22	39.77 1.06 -27.24
RAVENSWOOD_GT2_4 24247	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.42	51.32 2.05 -30.44	45.55 1.91 -25.08	43.81 1.56 -26.52	40.70 1.24 -26.22	39.77 1.06 -27.24
RAVENSWOOD_GT3_1 24248	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.42	51.32 2.05 -30.44	45.55 1.91 -25.08	43.81 1.56 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT3_2 24249	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.42	51.32 2.05 -30.44	45.55 1.91 -25.08	43.81 1.56 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT3_3 24250	46.35 1.05 -33.31	41.83 1.04 -29.09	40.60 0.98 -28.35	40.87 0.98 -28.63	40.87 0.96 -28.74	43.12 0.93 -30.94	49.45 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.55 1.90 -28.25	49.09 1.80 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.74 2.13 -18.54	41.72 2.12 -18.64	41.41 2.29 -16.91	55.79 2.53 -29.82	66.42 2.76 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.59 1.95 -25.08	43.82 1.57 -26.52	40.72 1.26 -26.22	39.78 1.07 -27.24
RAVENSWOOD_GT3_4 24251	46.35 1.05 -33.31	41.83 1.04 -29.09	40.60 0.98 -28.35	40.87 0.98 -28.63	40.87 0.96 -28.74	43.12 0.93 -30.94	49.45 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.55 1.90 -28.25	49.09 1.80 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.74 2.13 -18.54	41.72 2.12 -18.64	41.41 2.29 -16.91	55.79 2.53 -29.82	66.42 2.76 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.59 1.95 -25.08	43.82 1.57 -26.52	40.72 1.26 -26.22	39.78 1.07 -27.24
RAVENSWOOD_GT_1 23729	46.39 1.09 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.12 0.93 -30.94	49.45 0.78 -39.64	49.91 1.28 -34.23	51.20 1.86 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.92 1.97 -24.05	42.91 2.03 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.91	55.81 2.55 -29.82	66.47 2.82 -37.35	55.43 2.36 -31.42	51.36 2.09 -30.44	45.59 1.95 -25.08	43.85 1.60 -26.52	40.77 1.31 -26.22	39.82 1.10 -27.24
RAVENSWOOD_GT_10 24258	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.10 0.91 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT_11 24259	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.10 0.91 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT_4 24252	46.33 1.03 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.53 1.88 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT_5 24254	46.33 1.03 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.53 1.88 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT_6 24253	46.33 1.03 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.53 1.88 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT_7 24255	46.33 1.03 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.53 1.88 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.10 0.91 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24
RAVENSWOOD_GT_9 24257	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.85 0.96 -28.63	40.86 0.95 -28.74	43.10 0.91 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.36 2.29 -31.42	51.31 2.03 -30.44	45.55 1.91 -25.08	43.79 1.54 -26.52	40.70 1.24 -26.22	39.76 1.04 -27.24

RAVENSWOOD___1 23533	46.39 1.09 -33.31	41.85 1.06 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.88 0.97 -28.74	43.12 0.93 -30.94	49.45 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.49 1.84 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.70 2.10 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.43 2.36 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
RAVENSWOOD___2 23534	46.38 1.08 -33.31	41.85 1.06 -29.09	40.61 0.99 -28.35	40.87 0.98 -28.63	40.88 0.97 -28.74	43.11 0.92 -30.94	49.45 0.78 -39.64	49.89 1.27 -34.23	51.18 1.84 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.76 1.30 -26.22	39.81 1.09 -27.24
RAVENSWOOD___3 23535	46.34 1.04 -33.31	41.81 1.02 -29.09	40.59 0.97 -28.35	40.86 0.97 -28.63	40.86 0.95 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.91 1.28 -34.23	51.18 1.84 -30.95	49.51 1.86 -28.25	49.07 1.78 -28.34	45.90 1.95 -24.05	42.89 2.01 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.74 2.48 -29.82	66.39 2.74 -37.35	55.39 2.32 -31.42	51.32 2.05 -30.44	45.55 1.91 -25.08	43.81 1.56 -26.52	40.70 1.24 -26.22	39.77 1.06 -27.24
RAVENSWOOD___4 23820	46.38 1.08 -33.31	41.84 1.05 -29.09	40.61 0.99 -28.35	40.87 0.98 -28.63	40.88 0.97 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.74 1.28 -26.22	39.79 1.08 -27.24
RCPL_TRUST___DRP 24196	46.34 1.04 -33.31	41.82 1.03 -29.09	40.60 0.98 -28.34	40.86 0.97 -28.62	40.86 0.96 -28.73	43.12 0.93 -30.93	49.44 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.08 1.80 -28.33	45.92 1.97 -24.05	42.91 2.03 -20.16	41.74 2.13 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.90	55.76 2.51 -29.82	66.41 2.76 -37.35	55.38 2.32 -31.41	51.32 2.05 -30.43	45.57 1.93 -25.08	43.80 1.56 -26.52	40.71 1.26 -26.22	39.77 1.06 -27.24
RENSSELAER___COGEN 23796	55.83 0.79 -43.06	50.08 0.78 -37.60	48.66 0.74 -36.64	49.01 0.74 -37.00	49.05 0.74 -37.14	51.99 0.75 -39.98	60.85 0.60 -51.24	59.46 0.83 -44.23	59.40 1.01 -40.00	56.97 1.07 -36.50	56.60 1.04 -36.61	52.03 1.05 -31.08	47.87 1.10 -26.05	46.15 1.12 -23.95	46.14 1.09 -24.08	45.19 1.13 -21.84	63.12 1.17 -38.51	75.85 1.31 -48.23	63.30 1.08 -40.57	59.10 0.96 -39.30	51.89 0.95 -32.39	50.84 0.86 -34.25	47.84 0.71 -33.90	47.30 0.62 -35.21
REVERE_CPPR_DRP 24186	13.38 0.42 -0.98	12.94 0.39 -0.85	12.47 0.36 -0.83	12.46 0.36 -0.84	12.36 0.35 -0.84	12.54 0.38 -0.91	10.48 0.30 -1.16	15.99 0.59 -1.00	20.15 0.85 -0.91	21.15 0.93 -0.83	20.72 0.95 -0.83	21.57 0.97 -0.70	22.29 0.97 -0.59	22.59 0.97 -0.54	22.42 0.90 -0.55	23.68 0.98 -0.49	25.45 1.15 -0.87	28.77 1.37 -1.10	23.48 0.91 -0.92	20.44 0.72 -0.89	20.02 0.72 -0.74	17.02 0.52 -0.78	14.39 0.38 -0.77	12.68 0.40 -0.80
RIVERBAY___ 323610	46.57 1.27 -33.31	41.98 1.19 -29.09	40.69 1.07 -28.35	40.95 1.06 -28.63	40.96 1.05 -28.74	43.15 0.97 -30.94	49.47 0.81 -39.64	49.98 1.37 -34.22	51.27 1.93 -30.94	49.58 1.94 -28.24	49.14 1.86 -28.33	45.89 1.95 -24.05	42.86 1.99 -20.15	41.69 2.09 -18.53	41.65 2.06 -18.63	41.38 2.27 -16.90	56.13 2.88 -29.82	66.80 3.16 -37.34	55.70 2.64 -31.41	51.60 2.33 -30.43	45.80 2.17 -25.07	44.01 1.76 -26.52	40.94 1.48 -26.22	39.99 1.27 -27.24
ROCHESTER_9_IC 23652	16.05 -0.08 -4.15	15.23 -0.09 -3.63	14.68 -0.12 -3.53	14.68 -0.15 -3.57	14.61 -0.15 -3.58	14.98 -0.12 -3.86	13.84 -0.12 -4.94	18.37 -0.17 -4.15	21.72 -0.42 -3.75	22.41 -0.37 -3.38	21.90 -0.44 -3.39	22.32 -0.46 -2.88	22.62 -0.52 -2.41	22.77 -0.53 -2.22	22.68 -0.52 -2.23	23.75 -0.49 -2.02	26.75 -0.40 -3.72	30.51 -0.45 -4.65	25.37 -0.20 -3.91	22.40 -0.23 -3.79	21.48 -0.20 -3.12	18.83 -0.20 -3.30	16.20 -0.30 -3.27	14.78 -0.09 -3.39
ROSETON___1 23587	46.38 0.84 -33.56	41.82 0.82 -29.31	40.62 0.79 -28.56	40.89 0.79 -28.84	40.89 0.77 -28.95	43.17 0.75 -31.16	49.58 0.62 -39.94	49.90 1.02 -34.48	51.06 1.49 -31.18	49.39 1.53 -28.46	48.95 1.46 -28.55	45.70 1.57 -24.23	42.67 1.64 -20.31	41.46 1.71 -18.67	41.44 1.70 -18.77	41.09 1.84 -17.03	55.47 1.99 -30.04	66.17 2.23 -37.62	55.16 1.86 -31.65	51.13 1.64 -30.66	45.37 1.54 -25.26	43.69 1.24 -26.72	40.64 0.99 -26.42	39.75 0.84 -27.44
ROSETON___2 23588	46.38 0.84 -33.56	41.82 0.82 -29.31	40.62 0.79 -28.56	40.89 0.79 -28.84	40.89 0.77 -28.95	43.17 0.75 -31.16	49.58 0.62 -39.94	49.90 1.02 -34.48	51.06 1.49 -31.18	49.39 1.53 -28.46	48.95 1.46 -28.55	45.70 1.57 -24.23	42.67 1.64 -20.31	41.46 1.71 -18.67	41.44 1.70 -18.77	41.09 1.84 -17.03	55.47 1.99 -30.04	66.17 2.23 -37.62	55.16 1.86 -31.65	51.13 1.64 -30.66	45.37 1.54 -25.26	43.69 1.24 -26.72	40.64 0.99 -26.42	39.75 0.84 -27.44
RUSSELL___1 23602	16.12 -0.02 -4.15	15.28 -0.05 -3.63	14.73 -0.08 -3.53	14.73 -0.10 -3.57	14.65 -0.10 -3.58	15.03 -0.08 -3.86	13.88 -0.08 -4.94	18.43 -0.12 -4.15	21.80 -0.35 -3.75	22.49 -0.29 -3.38	22.00 -0.34 -3.39	22.42 -0.36 -2.88	22.72 -0.41 -2.41	22.90 -0.40 -2.22	22.78 -0.42 -2.23	23.86 -0.38 -2.02	26.89 -0.26 -3.72	30.70 -0.26 -4.66	25.50 -0.06 -3.92	22.52 -0.11 -3.79	21.60 -0.09 -3.13	18.91 -0.13 -3.31	16.27 -0.24 -3.27	14.83 -0.05 -3.40
RUSSELL___2 23532	16.12 -0.02 -4.15	15.28 -0.05 -3.63	14.73 -0.08 -3.53	14.73 -0.10 -3.57	14.65 -0.10 -3.58	15.03 -0.08 -3.86	13.88 -0.08 -4.94	18.43 -0.12 -4.15	21.80 -0.35 -3.75	22.49 -0.29 -3.38	22.00 -0.34 -3.39	22.42 -0.36 -2.88	22.72 -0.41 -2.41	22.90 -0.40 -2.22	22.78 -0.42 -2.23	23.86 -0.38 -2.02	26.89 -0.26 -3.72	30.70 -0.26 -4.66	25.50 -0.06 -3.92	22.52 -0.11 -3.79	21.60 -0.09 -3.13	18.91 -0.13 -3.31	16.27 -0.24 -3.27	14.83 -0.05 -3.40
RUSSELL___3 23549	16.12 -0.02 -4.15	15.28 -0.05 -3.63	14.73 -0.08 -3.53	14.73 -0.10 -3.57	14.65 -0.10 -3.58	15.03 -0.08 -3.86	13.88 -0.08 -4.94	18.43 -0.12 -4.15	21.80 -0.35 -3.75	22.49 -0.29 -3.38	22.00 -0.34 -3.39	22.42 -0.36 -2.88	22.72 -0.41 -2.41	22.90 -0.40 -2.22	22.78 -0.42 -2.23	23.86 -0.38 -2.02	26.89 -0.26 -3.72	30.70 -0.26 -4.66	25.50 -0.06 -3.92	22.52 -0.11 -3.79	21.60 -0.09 -3.13	18.91 -0.13 -3.31	16.27 -0.24 -3.27	14.83 -0.05 -3.40
RUSSELL___4 23556	16.12 -0.02 -4.15	15.28 -0.05 -3.63	14.73 -0.08 -3.53	14.73 -0.10 -3.57	14.65 -0.10 -3.58	15.03 -0.08 -3.86	13.88 -0.08 -4.94	18.43 -0.12 -4.15	21.80 -0.35 -3.75	22.49 -0.29 -3.38	22.00 -0.34 -3.39	22.42 -0.36 -2.88	22.72 -0.41 -2.41	22.90 -0.40 -2.22	22.78 -0.42 -2.23	23.86 -0.38 -2.02	26.89 -0.26 -3.72	30.70 -0.26 -4.66	25.50 -0.06 -3.92	22.52 -0.11 -3.79	21.60 -0.09 -3.13	18.91 -0.13 -3.31	16.27 -0.24 -3.27	14.83 -0.05 -3.40

RUSSELL___STATION 23914	16.12 -0.02 -4.15	15.28 -0.05 -3.63	14.73 -0.08 -3.53	14.73 -0.10 -3.57	14.65 -0.10 -3.58	15.03 -0.08 -3.86	13.88 -0.08 -4.94	18.43 -0.12 -4.15	21.80 -0.35 -3.75	22.49 -0.29 -3.38	22.00 -0.34 -3.39	22.42 -0.36 -2.88	22.72 -0.41 -2.41	22.90 -0.40 -2.22	22.78 -0.42 -2.23	23.86 -0.38 -2.02	26.89 -0.26 -3.72	30.70 -0.26 -4.66	25.50 -0.06 -3.92	22.52 -0.11 -3.79	21.60 -0.09 -3.13	18.91 -0.13 -3.31	16.27 -0.24 -3.27	14.83 -0.05 -3.40
S SALMON___HYD 24043	14.25 0.02 -2.24	13.67 0.01 -1.96	13.17 -0.01 -1.91	13.19 0.00 -1.93	13.09 -0.01 -1.93	13.34 0.01 -2.08	11.69 0.01 -2.67	16.71 0.03 -2.29	20.50 0.04 -2.07	21.38 0.10 -1.89	20.97 0.13 -1.89	21.62 0.12 -1.61	22.17 0.10 -1.35	22.40 0.08 -1.24	22.25 0.04 -1.24	23.36 0.02 -1.13	25.53 0.09 -2.01	29.03 0.21 -2.51	23.79 0.02 -2.11	20.84 -0.04 -2.05	20.29 0.04 -1.69	17.56 0.05 -1.78	15.01 0.01 -1.76	13.37 0.06 -1.83
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.26 -0.23 -5.50	16.30 -0.20 -4.80	15.71 -0.25 -4.68	15.71 -0.28 -4.73	15.62 -0.29 -4.74	16.11 -0.25 -5.11	15.31 -0.25 -6.55	19.37 -0.43 -5.41	22.40 -0.88 -4.89	22.95 -0.81 -4.37	22.37 -0.97 -4.38	22.54 -1.07 -3.72	22.72 -1.12 -3.12	22.79 -1.16 -2.87	22.70 -1.15 -2.88	23.70 -1.13 -2.62	27.32 -1.03 -4.92	31.13 -1.34 -6.16	26.04 -0.80 -5.18	23.20 -0.66 -5.02	22.05 -0.65 -4.14	19.47 -0.63 -4.38	16.92 -0.65 -4.33	15.75 -0.23 -4.50
SELKIRK___I 23801	55.03 0.73 -42.31	49.36 0.71 -36.95	47.97 0.69 -36.00	48.31 0.69 -36.36	48.35 0.68 -36.50	51.24 0.70 -39.29	59.92 0.55 -50.35	58.68 0.82 -43.47	58.75 1.05 -39.30	56.35 1.09 -35.87	55.99 1.06 -35.98	51.53 1.09 -30.54	47.46 1.14 -25.60	45.77 1.16 -23.54	45.76 1.13 -23.66	44.88 1.20 -21.47	62.55 1.26 -37.85	75.13 1.42 -47.40	62.69 1.17 -39.87	58.48 1.02 -38.63	51.39 1.00 -31.83	50.25 0.86 -33.66	47.24 0.70 -33.31	46.68 0.61 -34.60
SELKIRK___II 23799	55.07 0.73 -42.36	49.40 0.71 -36.99	48.00 0.69 -36.04	48.35 0.69 -36.40	48.38 0.67 -36.54	51.27 0.69 -39.33	59.96 0.54 -50.40	58.71 0.81 -43.51	58.77 1.03 -39.34	56.39 1.09 -35.91	56.03 1.06 -36.02	51.56 1.09 -30.57	47.48 1.14 -25.62	45.78 1.14 -23.56	45.79 1.13 -23.69	44.90 1.20 -21.49	62.56 1.24 -37.89	75.15 1.39 -47.45	62.73 1.17 -39.91	58.52 1.02 -38.67	51.41 0.98 -31.86	50.29 0.86 -33.69	47.28 0.70 -33.34	46.72 0.61 -34.63
SENECA OSWGO___HYD 24041	14.53 -0.10 -2.64	13.90 -0.11 -2.31	13.40 -0.12 -2.25	13.42 -0.11 -2.27	13.33 -0.12 -2.28	13.59 -0.11 -2.45	12.07 -0.09 -3.14	17.00 -0.10 -2.70	20.62 -0.22 -2.44	21.39 -0.23 -2.22	20.93 -0.25 -2.23	21.53 -0.26 -1.89	22.04 -0.27 -1.59	22.24 -0.30 -1.46	22.12 -0.31 -1.47	23.23 -0.31 -1.33	25.54 -0.26 -2.36	29.03 -0.24 -2.96	23.95 -0.20 -2.49	21.04 -0.21 -2.41	20.40 -0.15 -1.99	17.70 -0.13 -2.10	15.19 -0.12 -2.08	13.58 -0.06 -2.16
SENECA___ENERGY 23797	16.23 -0.05 -4.29	15.38 -0.06 -3.75	14.85 -0.08 -3.65	14.86 -0.09 -3.69	14.77 -0.10 -3.70	15.17 -0.07 -3.98	14.07 -0.05 -5.10	18.76 -0.01 -4.38	22.26 -0.09 -3.96	22.94 -0.06 -3.60	22.46 -0.09 -3.61	22.84 -0.12 -3.06	23.15 -0.14 -2.57	23.23 -0.21 -2.36	23.13 -0.21 -2.37	24.17 -0.20 -2.15	27.15 -0.12 -3.84	31.01 -0.10 -4.81	25.70 0.00 -4.04	22.70 -0.06 -3.92	21.85 0.06 -3.23	19.11 -0.03 -3.41	16.52 -0.09 -3.38	14.98 0.00 -3.51
SHOEMAKER___GT 23640	43.33 0.74 -30.60	39.14 0.73 -26.72	38.02 0.71 -26.04	38.27 0.71 -26.29	38.26 0.69 -26.39	40.34 0.68 -28.41	45.99 0.56 -36.41	46.73 0.89 -31.44	48.13 1.31 -28.43	46.68 1.34 -25.95	46.27 1.29 -26.03	43.38 1.39 -22.10	40.71 1.47 -18.52	39.64 1.54 -17.03	39.62 1.53 -17.12	39.43 1.69 -15.53	52.56 1.73 -27.39	62.58 1.97 -34.30	52.15 1.64 -28.85	48.22 1.43 -27.95	42.95 1.35 -23.03	41.19 1.10 -24.36	38.18 0.86 -24.09	37.24 0.75 -25.02
SHOREHAM_IC_1 23715	64.85 1.62 -51.24	55.87 1.57 -42.61	53.31 1.48 -40.56	52.51 1.46 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.22 -47.80	55.97 1.97 -39.60	65.31 2.69 -44.23	64.05 2.74 -41.92	66.44 2.50 -44.99	65.87 2.68 -43.29	70.15 2.78 -46.65	72.16 2.91 -48.17	72.88 2.87 -49.03	74.15 3.18 -48.76	79.17 3.56 -52.18	96.19 4.16 -65.73	94.54 3.46 -69.43	85.17 3.01 -63.32	80.30 2.80 -58.93	77.43 2.20 -59.50	58.94 1.84 -43.87	54.85 1.62 -41.75
SHOREHAM_IC_2 23716	64.85 1.62 -51.24	55.87 1.57 -42.61	53.31 1.48 -40.56	52.51 1.46 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.22 -47.80	55.97 1.97 -39.60	65.31 2.69 -44.23	64.05 2.74 -41.92	66.44 2.50 -44.99	65.87 2.68 -43.29	70.15 2.78 -46.65	72.16 2.91 -48.17	72.88 2.87 -49.03	74.15 3.18 -48.76	79.17 3.56 -52.18	96.19 4.16 -65.73	94.54 3.46 -69.43	85.17 3.01 -63.32	80.30 2.80 -58.93	77.43 2.20 -59.50	58.94 1.84 -43.87	54.85 1.62 -41.75
SISSONVILLE____ 23735	11.54 -0.44 0.00	11.26 -0.43 0.00	10.97 -0.30 0.00	10.97 -0.29 0.00	10.95 -0.22 0.00	10.99 -0.26 0.00	8.84 -0.18 0.00	13.73 -0.66 0.00	17.64 -0.75 0.00	18.79 -0.60 0.00	18.53 -0.42 0.00	19.44 -0.46 0.00	20.25 -0.48 0.00	20.59 -0.48 0.00	20.49 -0.48 0.00	21.55 -0.67 0.00	22.42 -1.01 0.00	25.07 -1.24 0.00	20.44 -1.21 0.00	17.76 -1.07 0.00	17.54 -1.02 0.00	15.03 -0.69 0.00	12.72 -0.52 0.00	11.00 -0.48 0.00
SITHE_IND_GS1 24169	13.86 -0.26 -2.13	13.30 -0.26 -1.86	12.83 -0.26 -1.82	12.84 -0.26 -1.83	12.74 -0.27 -1.84	12.97 -0.26 -1.98	11.34 -0.22 -2.54	16.27 -0.30 -2.18	19.87 -0.50 -1.97	20.65 -0.54 -1.79	20.20 -0.55 -1.80	20.82 -0.60 -1.53	21.38 -0.62 -1.28	21.60 -0.65 -1.18	21.50 -0.65 -1.18	22.60 -0.69 -1.07	24.69 -0.66 -1.91	27.99 -0.71 -2.39	23.08 -0.58 -2.01	20.28 -0.51 -1.95	19.72 -0.45 -1.61	17.06 -0.36 -1.70	14.61 -0.30 -1.68	12.99 -0.23 -1.75
SITHE_IND_GS2 24170	13.86 -0.26 -2.13	13.30 -0.26 -1.86	12.83 -0.26 -1.82	12.84 -0.26 -1.83	12.74 -0.27 -1.84	12.97 -0.26 -1.98	11.34 -0.22 -2.54	16.27 -0.30 -2.18	19.87 -0.50 -1.97	20.65 -0.54 -1.79	20.20 -0.55 -1.80	20.82 -0.60 -1.53	21.38 -0.62 -1.28	21.60 -0.65 -1.18	21.50 -0.65 -1.18	22.60 -0.69 -1.07	24.69 -0.66 -1.91	27.99 -0.71 -2.39	23.08 -0.58 -2.01	20.28 -0.51 -1.95	19.72 -0.45 -1.61	17.06 -0.36 -1.70	14.61 -0.30 -1.68	12.99 -0.23 -1.75
SITHE_IND_GS3 24171	13.86 -0.26 -2.13	13.30 -0.26 -1.86	12.83 -0.26 -1.82	12.84 -0.26 -1.83	12.74 -0.27 -1.84	12.97 -0.26 -1.98	11.34 -0.22 -2.54	16.27 -0.30 -2.18	19.87 -0.50 -1.97	20.65 -0.54 -1.79	20.20 -0.55 -1.80	20.82 -0.60 -1.53	21.38 -0.62 -1.28	21.60 -0.65 -1.18	21.50 -0.65 -1.18	22.60 -0.69 -1.07	24.69 -0.66 -1.91	27.99 -0.71 -2.39	23.08 -0.58 -2.01	20.28 -0.51 -1.95	19.72 -0.45 -1.61	17.06 -0.36 -1.70	14.61 -0.30 -1.68	12.99 -0.23 -1.75
SITHE_IND_GS4 24172	13.86 -0.26 -2.13	13.30 -0.26 -1.86	12.83 -0.26 -1.82	12.84 -0.26 -1.83	12.74 -0.27 -1.84	12.97 -0.26 -1.98	11.34 -0.22 -2.54	16.27 -0.30 -2.18	19.87 -0.50 -1.97	20.65 -0.54 -1.79	20.20 -0.55 -1.80	20.82 -0.60 -1.53	21.38 -0.62 -1.28	21.60 -0.65 -1.18	21.50 -0.65 -1.18	22.60 -0.69 -1.07	24.69 -0.66 -1.91	27.99 -0.71 -2.39	23.08 -0.58 -2.01	20.28 -0.51 -1.95	19.72 -0.45 -1.61	17.06 -0.36 -1.70	14.61 -0.30 -1.68	12.99 -0.23 -1.75

SITHE___BATAVIA 24024	16.83 -0.01 -4.86	15.93 -0.01 -4.24	15.35 -0.06 -4.13	15.35 -0.09 -4.17	15.26 -0.10 -4.19	15.70 -0.07 -4.51	14.70 -0.10 -5.78	19.07 -0.13 -4.81	22.28 -0.46 -4.35	22.93 -0.37 -3.90	22.40 -0.45 -3.91	22.66 -0.56 -3.32	22.88 -0.62 -2.78	23.00 -0.63 -2.56	22.89 -0.65 -2.57	23.97 -0.58 -2.33	27.40 -0.38 -4.35	31.25 -0.50 -5.44	26.08 -0.15 -4.58	23.08 -0.19 -4.44	22.01 -0.20 -3.65	19.32 -0.27 -3.87	16.66 -0.40 -3.82	15.38 -0.07 -3.97
SITHE___INDEPEND 23800	13.86 -0.26 -2.13	13.30 -0.26 -1.86	12.83 -0.26 -1.82	12.84 -0.26 -1.83	12.74 -0.27 -1.84	12.97 -0.26 -1.98	11.34 -0.22 -2.54	16.27 -0.30 -2.18	19.87 -0.50 -1.97	20.65 -0.54 -1.79	20.20 -0.55 -1.80	20.82 -0.60 -1.53	21.38 -0.62 -1.28	21.60 -0.65 -1.18	21.50 -0.65 -1.18	22.60 -0.69 -1.07	24.69 -0.66 -1.91	27.99 -0.71 -2.39	23.08 -0.58 -2.01	20.28 -0.51 -1.95	19.72 -0.45 -1.61	17.06 -0.36 -1.70	14.61 -0.30 -1.68	12.99 -0.23 -1.75
SITHE___MASSENA 23902	11.49 -0.49 0.00	11.22 -0.48 0.00	10.90 -0.37 0.00	10.90 -0.36 0.00	10.86 -0.31 0.00	10.90 -0.35 0.00	8.78 -0.24 0.00	13.79 -0.60 0.00	17.66 -0.74 0.00	18.64 -0.76 0.00	18.28 -0.66 0.00	19.18 -0.72 0.00	19.98 -0.75 0.00	20.34 -0.74 0.00	20.28 -0.69 0.00	21.37 -0.84 0.00	22.40 -1.03 0.00	25.15 -1.16 0.00	20.66 -1.00 0.00	17.97 -0.87 0.00	17.65 -0.91 0.00	15.02 -0.71 0.00	12.69 -0.54 0.00	10.95 -0.53 0.00
SITHE___OGDNSBRG 24021	11.58 -0.41 0.00	11.30 -0.40 0.00	10.99 -0.28 0.00	10.99 -0.27 0.00	10.97 -0.20 0.00	11.01 -0.24 0.00	8.86 -0.16 0.00	13.86 -0.53 0.00	17.80 -0.59 0.00	18.87 -0.52 0.00	18.57 -0.38 0.00	19.50 -0.40 0.00	20.31 -0.41 0.00	20.66 -0.42 0.00	20.55 -0.42 0.00	21.66 -0.55 0.00	22.63 -0.80 0.00	25.41 -0.89 0.00	20.74 -0.91 0.00	18.02 -0.81 0.00	17.71 -0.85 0.00	15.11 -0.61 0.00	12.76 -0.48 0.00	11.03 -0.45 0.00
SITHE___STERLING 23777	13.69 0.37 -1.34	13.21 0.35 -1.17	12.73 0.32 -1.14	12.74 0.33 -1.15	12.62 0.30 -1.15	12.83 0.34 -1.24	10.87 0.26 -1.59	16.30 0.53 -1.37	20.37 0.74 -1.24	21.32 0.80 -1.13	20.88 0.80 -1.13	21.65 0.80 -0.96	22.36 0.83 -0.81	22.62 0.80 -0.74	22.47 0.75 -0.75	23.71 0.82 -0.68	25.59 0.96 -1.19	28.93 1.13 -1.50	23.67 0.76 -1.26	20.66 0.60 -1.22	20.18 0.61 -1.00	17.23 0.44 -1.06	14.62 0.33 -1.05	12.91 0.34 -1.09
SOUTH CAIRO___GT 23612	49.61 1.09 -36.54	44.62 1.02 -31.91	43.38 1.02 -31.09	43.67 1.01 -31.40	43.69 1.01 -31.52	46.19 1.01 -33.93	53.32 0.83 -43.48	53.17 1.24 -37.54	54.10 1.77 -33.94	52.18 1.80 -30.98	51.82 1.80 -31.07	48.26 1.99 -26.38	44.88 2.05 -22.11	43.51 2.11 -20.33	43.48 2.08 -20.44	43.02 2.27 -18.54	58.40 2.27 -32.70	70.01 2.76 -40.95	58.33 2.23 -34.44	54.05 1.85 -33.37	47.84 1.78 -27.49	46.28 1.48 -29.08	43.12 1.12 -28.76	42.34 0.99 -29.87
SOUTH HAMPTN___IC 23720	65.09 1.86 -51.24	56.09 1.79 -42.61	53.52 1.68 -40.56	52.72 1.67 -39.79	54.11 1.66 -41.28	52.74 1.64 -39.84	58.21 1.39 -47.80	56.27 2.27 -39.60	65.74 3.11 -44.23	64.51 3.20 -41.92	66.89 2.95 -44.99	66.29 3.10 -43.29	70.60 3.23 -46.65	72.62 3.37 -48.17	73.34 3.33 -49.03	74.66 3.69 -48.76	79.78 4.17 -52.18	96.95 4.92 -65.73	95.19 4.12 -69.43	85.69 3.54 -63.32	80.80 3.30 -58.93	77.82 2.59 -59.50	59.23 2.13 -43.87	55.06 1.84 -41.75
SOUTHOLD___IC 23719	65.21 1.98 -51.24	56.21 1.91 -42.61	53.62 1.78 -40.56	52.82 1.77 -39.79	54.21 1.76 -41.28	52.84 1.74 -39.84	58.30 1.48 -47.80	56.47 2.48 -39.60	66.01 3.38 -44.23	64.80 3.49 -41.92	67.16 3.22 -44.99	66.49 3.30 -43.29	70.81 3.44 -46.65	72.83 3.58 -48.17	73.57 3.56 -49.03	74.93 3.95 -48.76	80.18 4.57 -52.18	97.45 5.42 -65.73	95.63 4.55 -69.43	86.05 3.90 -63.32	81.13 3.64 -58.93	78.02 2.80 -59.50	59.36 2.26 -43.87	55.18 1.95 -41.75
ST LAWRENCE____ 23600	11.47 -0.52 0.00	11.21 -0.49 0.00	10.85 -0.43 0.00	10.84 -0.43 0.00	10.77 -0.40 0.00	10.82 -0.43 0.00	8.69 -0.32 0.00	13.78 -0.62 0.00	17.62 -0.77 0.00	18.60 -0.80 0.00	18.21 -0.74 0.00	19.12 -0.78 0.00	19.91 -0.81 0.00	20.28 -0.80 0.00	20.19 -0.78 0.00	21.32 -0.89 0.00	22.40 -1.03 0.00	25.12 -1.18 0.00	20.66 -1.00 0.00	17.99 -0.85 0.00	17.67 -0.89 0.00	15.02 -0.71 0.00	12.69 -0.54 0.00	10.95 -0.53 0.00
STATION 5_MISC_HYD 23604	16.05 -0.08 -4.15	15.23 -0.09 -3.63	14.68 -0.12 -3.53	14.68 -0.15 -3.57	14.61 -0.15 -3.58	14.98 -0.12 -3.86	13.84 -0.12 -4.94	18.37 -0.17 -4.15	21.72 -0.42 -3.75	22.41 -0.37 -3.38	21.90 -0.44 -3.39	22.32 -0.46 -2.88	22.62 -0.52 -2.41	22.77 -0.53 -2.22	22.68 -0.52 -2.23	23.75 -0.49 -2.02	26.75 -0.40 -3.72	30.51 -0.45 -4.65	25.37 -0.20 -3.91	22.40 -0.23 -3.79	21.48 -0.20 -3.12	18.83 -0.20 -3.30	16.20 -0.30 -3.27	14.78 -0.09 -3.39
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.13 0.04 -4.11	15.31 0.02 -3.59	14.75 -0.02 -3.49	14.76 -0.03 -3.53	14.68 -0.03 -3.54	15.05 -0.01 -3.81	13.90 -0.01 -4.89	18.61 0.07 -4.14	22.08 -0.06 -3.74	22.76 -0.02 -3.38	22.29 -0.06 -3.39	22.66 -0.12 -2.88	22.99 -0.14 -2.41	23.13 -0.17 -2.22	23.03 -0.17 -2.23	24.11 -0.13 -2.02	27.13 0.02 -3.68	30.96 0.05 -4.60	25.70 0.17 -3.87	22.66 0.08 -3.75	21.78 0.13 -3.09	19.01 0.02 -3.27	16.37 -0.09 -3.23	14.87 0.03 -3.36
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.94 -0.14 -4.10	15.13 -0.15 -3.58	14.58 -0.18 -3.49	14.59 -0.20 -3.53	14.51 -0.20 -3.54	14.88 -0.18 -3.81	13.75 -0.15 -4.88	18.27 -0.23 -4.11	21.63 -0.48 -3.71	22.30 -0.45 -3.35	21.81 -0.49 -3.36	22.21 -0.54 -2.85	22.53 -0.58 -2.39	22.68 -0.59 -2.20	22.57 -0.61 -2.21	23.64 -0.58 -2.00	26.63 -0.47 -3.67	30.38 -0.53 -4.60	25.24 -0.28 -3.87	22.28 -0.30 -3.75	21.37 -0.28 -3.09	18.72 -0.27 -3.26	16.12 -0.34 -3.23	14.69 -0.14 -3.35
STEEL___WIND 323596	17.68 -0.05 -5.74	16.69 -0.02 -5.01	16.07 -0.09 -4.88	16.07 -0.12 -4.93	15.99 -0.13 -4.95	16.49 -0.09 -5.33	15.73 -0.12 -6.83	19.82 -0.20 -5.63	22.91 -0.57 -5.09	23.45 -0.48 -4.54	22.88 -0.62 -4.56	23.05 -0.72 -3.87	23.20 -0.77 -3.24	23.28 -0.78 -2.98	23.19 -0.78 -3.00	24.20 -0.73 -2.72	27.98 -0.58 -5.13	31.92 -0.82 -6.43	26.67 -0.39 -5.41	23.74 -0.34 -5.24	22.55 -0.33 -4.32	19.93 -0.36 -4.57	17.32 -0.44 -4.52	16.10 -0.07 -4.69
STEBEN_REC_LFGE 323667	19.53 0.39 -7.15	18.34 0.40 -6.25	17.67 0.30 -6.09	17.71 0.30 -6.15	17.63 0.29 -6.17	18.24 0.35 -6.64	17.78 0.25 -8.51	22.20 0.50 -7.30	25.46 0.46 -6.61	25.96 0.56 -6.00	25.42 0.45 -6.02	25.42 0.42 -5.11	25.44 0.44 -4.28	25.35 0.34 -3.94	25.28 0.36 -3.96	26.25 0.44 -3.59	30.46 0.63 -6.40	35.11 0.79 -8.01	29.20 0.80 -6.74	25.95 0.58 -6.53	24.61 0.67 -5.38	21.83 0.41 -5.69	19.06 0.20 -5.63	17.69 0.37 -5.85
STONY___BROOK 24151	64.74 1.51 -51.24	55.78 1.47 -42.61	53.22 1.39 -40.56	52.42 1.37 -39.79	53.81 1.36 -41.28	52.45 1.35 -39.84	57.95 1.14 -47.80	55.82 1.83 -39.60	65.17 2.54 -44.23	63.91 2.60 -41.92	66.32 2.39 -44.99	65.76 2.57 -43.29	70.04 2.67 -46.65	72.03 2.78 -48.17	72.75 2.75 -49.03	74.00 3.02 -48.76	78.91 3.30 -52.18	95.85 3.81 -65.73	94.28 3.20 -69.43	84.92 2.77 -63.32	80.07 2.58 -58.93	77.28 2.06 -59.50	58.85 1.75 -43.87	54.75 1.53 -41.75

STURGEON_POOL_HYD 23609	47.02 0.77 -34.27	42.37 0.75 -29.93	41.15 0.72 -29.16	41.43 0.72 -29.45	41.44 0.72 -29.56	43.76 0.69 -31.82	50.37 0.58 -40.78	50.58 0.98 -35.21	51.68 1.45 -31.84	49.97 1.51 -29.06	49.52 1.42 -29.15	46.13 1.49 -24.74	43.01 1.55 -20.73	41.77 1.62 -19.07	41.75 1.61 -19.17	41.38 1.78 -17.39	56.05 1.94 -30.67	66.93 2.21 -38.41	55.80 1.84 -32.31	51.73 1.60 -31.30	45.88 1.52 -25.79	44.17 1.16 -27.28	41.11 0.90 -26.97	40.26 0.77 -28.02
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.00 0.77 -31.24	39.73 0.75 -27.29	38.58 0.72 -26.59	38.84 0.73 -26.85	38.84 0.72 -26.95	40.96 0.70 -29.01	46.78 0.58 -37.18	47.47 0.96 -32.11	48.84 1.42 -29.03	47.35 1.46 -26.50	46.91 1.38 -26.58	43.95 1.49 -22.56	41.16 1.53 -18.91	40.09 1.62 -17.39	40.06 1.61 -17.48	39.85 1.78 -15.86	53.30 1.90 -27.97	63.49 2.16 -35.03	52.91 1.80 -29.46	48.94 1.56 -28.55	43.57 1.49 -23.52	41.76 1.16 -24.87	38.74 0.91 -24.60	37.80 0.78 -25.55
SYNERGY__BIOGAS 323694	16.83 -0.01 -4.86	15.93 -0.01 -4.24	15.35 -0.06 -4.13	15.35 -0.09 -4.17	15.26 -0.10 -4.19	15.70 -0.07 -4.51	14.70 -0.10 -5.78	19.07 -0.13 -4.81	22.28 -0.46 -4.35	22.93 -0.37 -3.90	22.40 -0.45 -3.91	22.66 -0.56 -3.32	22.88 -0.62 -2.78	23.00 -0.63 -2.56	22.89 -0.65 -2.57	23.97 -0.58 -2.33	27.40 -0.38 -4.35	31.25 -0.50 -5.44	26.08 -0.15 -4.58	23.08 -0.19 -4.44	22.01 -0.20 -3.65	19.32 -0.27 -3.87	16.66 -0.40 -3.82	15.38 -0.07 -3.97
SYRACUSE__ENERGY_ST1 323597	15.38 0.01 -3.39	14.67 0.01 -2.96	14.15 -0.01 -2.88	14.16 -0.01 -2.91	14.07 -0.02 -2.92	14.39 -0.01 -3.15	13.04 -0.01 -4.03	17.93 0.07 -3.46	21.54 0.02 -3.13	22.27 0.02 -2.85	21.79 -0.02 -2.86	22.26 -0.06 -2.43	22.67 -0.08 -2.03	22.86 -0.08 -1.87	22.74 -0.10 -1.88	23.83 -0.09 -1.71	26.49 0.02 -3.03	30.18 0.08 -3.80	24.93 0.09 -3.19	21.95 0.02 -3.09	21.19 0.07 -2.55	18.45 0.03 -2.70	15.90 0.00 -2.67	14.29 0.05 -2.77
SYRACUSE__ENERGY_ST2 323598	15.38 0.01 -3.39	14.67 0.01 -2.96	14.15 -0.01 -2.88	14.16 -0.01 -2.91	14.07 -0.02 -2.92	14.39 -0.01 -3.15	13.04 -0.01 -4.03	17.93 0.07 -3.46	21.54 0.02 -3.13	22.27 0.02 -2.85	21.79 -0.02 -2.86	22.26 -0.06 -2.43	22.67 -0.08 -2.03	22.86 -0.08 -1.87	22.74 -0.10 -1.88	23.83 -0.09 -1.71	26.49 0.02 -3.03	30.18 0.08 -3.80	24.93 0.09 -3.19	21.95 0.02 -3.09	21.19 0.07 -2.55	18.45 0.03 -2.70	15.90 0.00 -2.67	14.29 0.05 -2.77
SYRACUSE__POWER 24017	15.51 0.01 -3.52	14.78 0.01 -3.07	14.26 -0.01 -2.99	14.27 -0.01 -3.02	14.18 -0.02 -3.03	14.50 -0.01 -3.26	13.19 -0.01 -4.18	18.06 0.06 -3.60	21.65 0.00 -3.26	22.37 0.00 -2.97	21.91 -0.02 -2.98	22.39 -0.04 -2.53	22.80 -0.04 -2.12	22.96 -0.06 -1.95	22.87 -0.06 -1.96	23.95 -0.04 -1.78	26.60 0.02 -3.15	30.33 0.08 -3.94	25.03 0.07 -3.31	22.06 0.02 -3.21	21.28 0.07 -2.65	18.56 0.03 -2.80	16.00 0.00 -2.77	14.40 0.05 -2.87
TRIGEN__CC 323695	64.49 1.26 -51.24	55.56 1.25 -42.61	53.02 1.18 -40.56	52.23 1.18 -39.79	53.62 1.17 -41.28	52.24 1.15 -39.84	57.76 0.95 -47.80	55.55 1.56 -39.60	64.81 2.19 -44.23	63.54 2.23 -41.92	66.04 2.10 -44.99	65.46 2.27 -43.29	69.71 2.34 -46.65	71.67 2.42 -48.17	72.41 2.41 -49.03	73.60 2.62 -48.76	78.44 2.83 -52.18	95.19 3.16 -65.73	93.72 2.64 -69.43	84.47 2.32 -63.32	79.70 2.21 -58.93	77.02 1.79 -59.50	58.58 1.48 -43.87	54.50 1.27 -41.75
UNION__PROCESSING_DRP 323587	16.05 -0.11 -4.17	15.22 -0.12 -3.64	14.68 -0.15 -3.55	14.68 -0.17 -3.58	14.60 -0.17 -3.60	14.98 -0.15 -3.87	13.85 -0.14 -4.96	18.36 -0.20 -4.17	21.70 -0.46 -3.77	22.38 -0.41 -3.40	21.88 -0.47 -3.41	22.29 -0.50 -2.89	22.59 -0.56 -2.42	22.74 -0.57 -2.23	22.64 -0.57 -2.24	23.69 -0.55 -2.03	26.72 -0.45 -3.73	30.48 -0.50 -4.68	25.33 -0.26 -3.93	22.38 -0.26 -3.81	21.46 -0.24 -3.14	18.79 -0.25 -3.32	16.19 -0.33 -3.28	14.77 -0.11 -3.41
UPPER HUDSON__HYD 24058	59.54 1.22 -46.34	53.34 1.18 -40.47	51.81 1.11 -39.43	52.20 1.12 -39.82	52.25 1.11 -39.97	55.46 1.18 -43.03	65.11 0.95 -55.14	63.55 1.56 -47.60	63.55 2.11 -43.04	60.98 2.31 -39.28	60.60 2.25 -39.40	55.61 2.27 -33.44	51.05 2.30 -28.03	49.13 2.28 -25.77	49.10 2.22 -25.91	48.10 2.38 -23.51	67.59 2.72 -41.44	81.28 3.08 -51.90	67.73 2.42 -43.65	63.16 2.03 -42.29	55.38 1.97 -34.85	54.17 1.59 -36.85	50.95 1.24 -36.48	50.40 1.03 -37.89
UPPER RAQUET__HYD 24056	11.54 -0.44 0.00	11.26 -0.43 0.00	10.97 -0.30 0.00	10.97 -0.29 0.00	10.95 -0.22 0.00	10.99 -0.26 0.00	8.84 -0.18 0.00	13.73 -0.66 0.00	17.64 -0.75 0.00	18.79 -0.60 0.00	18.53 -0.42 0.00	19.44 -0.46 0.00	20.25 -0.48 0.00	20.59 -0.48 0.00	20.49 -0.48 0.00	21.55 -0.67 0.00	22.42 -1.01 0.00	25.07 -1.24 0.00	20.44 -1.21 0.00	17.76 -1.07 0.00	17.54 -1.02 0.00	15.03 -0.69 0.00	12.72 -0.52 0.00	11.00 -0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.99 0.60 -14.41	24.87 0.58 -12.59	24.08 0.54 -12.26	24.20 0.55 -12.38	24.13 0.53 -12.43	25.18 0.55 -13.38	26.61 0.44 -17.15	29.96 0.72 -14.85	32.85 1.03 -13.42	32.73 1.07 -12.27	32.29 1.04 -12.30	31.51 1.17 -10.44	30.68 1.20 -8.75	30.33 1.20 -8.05	30.21 1.15 -8.09	30.84 1.29 -7.34	37.66 1.33 -12.89	44.01 1.55 -16.15	36.45 1.21 -13.58	33.01 1.02 -13.16	30.39 0.98 -10.84	28.00 0.80 -11.47	25.20 0.62 -11.34	23.84 0.59 -11.78
VISCHER__FERRY HYD 24020	57.93 0.94 -45.01	51.92 0.91 -39.31	50.43 0.86 -38.30	50.80 0.86 -38.68	50.84 0.85 -38.83	53.93 0.88 -41.80	63.26 0.69 -53.56	61.74 1.11 -46.24	61.67 1.47 -41.81	59.14 1.59 -38.16	58.79 1.57 -38.27	53.98 1.59 -32.49	49.59 1.64 -27.23	47.76 1.65 -25.04	47.75 1.61 -25.17	46.76 1.71 -22.83	65.56 1.88 -40.25	78.82 2.11 -50.41	65.78 1.73 -42.40	61.40 1.49 -41.08	53.86 1.45 -33.85	52.72 1.19 -35.80	49.63 0.97 -35.43	49.11 0.83 -36.80
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.06 0.90 -32.18	40.68 0.88 -28.10	39.50 0.85 -27.38	39.76 0.85 -27.65	39.77 0.84 -27.76	41.94 0.81 -29.88	47.99 0.68 -38.29	48.57 1.11 -33.06	49.91 1.62 -29.90	48.37 1.69 -27.29	47.91 1.59 -27.37	44.86 1.73 -23.24	42.00 1.80 -19.47	40.86 1.88 -17.91	40.82 1.85 -18.00	40.59 2.04 -16.33	54.42 2.18 -28.81	64.86 2.47 -36.08	54.06 2.06 -30.34	50.04 1.81 -29.40	44.49 1.71 -24.22	42.70 1.35 -25.62	39.64 1.07 -25.33	38.69 0.91 -26.31
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.34 1.04 -33.31	41.82 1.03 -29.09	40.60 0.98 -28.34	40.86 0.97 -28.62	40.86 0.96 -28.73	43.12 0.93 -30.93	49.44 0.78 -39.64	49.92 1.30 -34.23	51.20 1.86 -30.95	49.53 1.88 -28.25	49.08 1.80 -28.33	45.92 1.97 -24.05	42.91 2.03 -20.16	41.74 2.13 -18.54	41.70 2.10 -18.64	41.41 2.29 -16.90	55.76 2.51 -29.82	66.41 2.76 -37.35	55.38 2.32 -31.41	51.32 2.05 -30.43	45.57 1.93 -25.08	43.80 1.56 -26.52	40.71 1.26 -26.22	39.77 1.06 -27.24
WADING RIVER_IC_1 23522	64.84 1.61 -51.24	55.87 1.57 -42.61	53.30 1.47 -40.56	52.51 1.46 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.21 -47.80	55.97 1.97 -39.60	65.31 2.69 -44.23	64.07 2.75 -41.92	66.46 2.52 -44.99	65.87 2.68 -43.29	70.16 2.80 -46.65	72.16 2.91 -48.17	72.90 2.89 -49.03	74.15 3.18 -48.76	79.17 3.56 -52.18	96.19 4.16 -65.73	94.54 3.46 -69.43	85.17 3.01 -63.32	80.30 2.80 -58.93	77.43 2.20 -59.50	58.94 1.84 -43.87	54.83 1.61 -41.75

WADING RIVER_IC_2 23547	64.84 1.61 -51.24	55.87 1.57 -42.61	53.30 1.47 -40.56	52.51 1.46 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.21 -47.80	55.97 1.97 -39.60	65.31 2.69 -44.23	64.07 2.75 -41.92	66.46 2.52 -44.99	65.87 2.68 -43.29	70.16 2.80 -46.65	72.16 2.91 -48.17	72.90 2.89 -49.03	74.15 3.18 -48.76	79.17 3.56 -52.18	96.19 4.16 -65.73	94.54 3.46 -69.43	85.17 3.01 -63.32	80.30 2.80 -58.93	77.43 2.20 -59.50	58.94 1.84 -43.87	54.83 1.61 -41.75
WADING RIVER_IC_3 23601	64.84 1.61 -51.24	55.87 1.57 -42.61	53.30 1.47 -40.56	52.51 1.46 -39.79	53.90 1.45 -41.28	52.54 1.44 -39.84	58.03 1.21 -47.80	55.97 1.97 -39.60	65.31 2.69 -44.23	64.07 2.75 -41.92	66.46 2.52 -44.99	65.87 2.68 -43.29	70.16 2.80 -46.65	72.16 2.91 -48.17	72.90 2.89 -49.03	74.15 3.18 -48.76	79.17 3.56 -52.18	96.19 4.16 -65.73	94.54 3.46 -69.43	85.17 3.01 -63.32	80.30 2.80 -58.93	77.43 2.20 -59.50	58.94 1.84 -43.87	54.83 1.61 -41.75
WALDEN___HYDRO 24148	45.81 0.87 -32.95	41.33 0.85 -28.78	40.13 0.82 -28.04	40.40 0.82 -28.31	40.40 0.80 -28.42	42.64 0.79 -30.60	48.88 0.65 -39.21	49.33 1.08 -33.86	50.59 1.58 -30.61	48.97 1.63 -27.94	48.53 1.55 -28.03	45.36 1.67 -23.79	42.42 1.76 -19.94	41.27 1.86 -18.33	41.23 1.82 -18.43	40.98 2.04 -16.72	55.08 2.15 -29.49	65.72 2.47 -36.94	54.76 2.03 -31.07	50.70 1.77 -30.10	45.05 1.69 -24.80	43.29 1.34 -26.23	40.20 1.03 -25.94	39.30 0.88 -26.94
WARRENSBURG____ 23737	59.54 1.22 -46.34	53.34 1.18 -40.47	51.81 1.11 -39.43	52.20 1.12 -39.82	52.25 1.11 -39.97	55.46 1.18 -43.03	65.11 0.95 -55.14	63.55 1.56 -47.60	63.55 2.11 -43.04	60.98 2.31 -39.28	60.60 2.25 -39.40	55.61 2.27 -33.44	51.05 2.30 -28.03	49.13 2.28 -25.77	49.10 2.22 -25.91	48.10 2.38 -23.51	67.59 2.72 -41.44	81.28 3.08 -51.90	67.73 2.42 -43.65	63.16 2.03 -42.29	55.38 1.97 -34.85	54.17 1.59 -36.85	50.95 1.24 -36.48	50.40 1.03 -37.89
WATERSIDE___6 8 9 23538	46.38 1.08 -33.31	41.84 1.05 -29.09	40.61 0.99 -28.35	40.87 0.98 -28.63	40.88 0.97 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.49 1.84 -28.25	49.05 1.76 -28.34	45.88 1.93 -24.05	42.87 1.99 -20.16	41.70 2.09 -18.54	41.68 2.08 -18.64	41.39 2.27 -16.91	55.79 2.53 -29.82	66.44 2.79 -37.35	55.41 2.34 -31.42	51.34 2.07 -30.44	45.57 1.93 -25.08	43.84 1.59 -26.52	40.74 1.28 -26.22	39.79 1.08 -27.24
WDELAWARE___HYD 323627	42.93 0.68 -30.26	38.79 0.67 -26.43	37.66 0.63 -25.75	37.91 0.64 -26.00	37.90 0.63 -26.10	39.97 0.62 -28.10	45.55 0.52 -36.01	46.38 0.89 -31.10	47.87 1.36 -28.12	46.46 1.40 -25.67	46.04 1.35 -25.75	43.08 1.33 -21.85	40.45 1.41 -18.31	39.39 1.47 -16.84	39.37 1.47 -16.93	39.24 1.67 -15.36	52.35 1.83 -27.09	62.41 2.18 -33.92	51.94 1.75 -28.53	47.97 1.49 -27.64	42.75 1.41 -22.78	40.87 1.05 -24.09	37.85 0.79 -23.82	36.91 0.69 -24.74
WEST BABYLON___IC 23714	64.78 1.55 -51.24	55.80 1.50 -42.61	53.24 1.41 -40.56	52.46 1.41 -39.79	53.85 1.40 -41.28	52.47 1.37 -39.84	57.97 1.15 -47.80	55.88 1.89 -39.60	65.24 2.61 -44.23	64.01 2.70 -41.92	66.40 2.46 -44.99	65.84 2.65 -43.29	70.12 2.76 -46.65	72.12 2.87 -48.17	72.85 2.85 -49.03	74.09 3.11 -48.76	79.00 3.40 -52.18	95.93 3.89 -65.73	94.35 3.27 -69.43	85.00 2.84 -63.32	80.17 2.67 -58.93	77.35 2.12 -59.50	58.90 1.80 -43.87	54.78 1.55 -41.75
WEST CANADA___HYD 24049	11.23 0.11 0.87	11.04 0.11 0.76	10.63 0.09 0.74	10.62 0.10 0.74	10.51 0.09 0.75	10.54 0.09 0.80	8.05 0.06 1.03	13.63 0.13 0.89	17.77 0.18 0.80	18.86 0.19 0.73	18.42 0.21 0.74	19.47 0.20 0.62	20.41 0.21 0.52	20.79 0.19 0.48	20.67 0.19 0.48	22.00 0.22 0.44	22.91 0.26 0.78	25.62 0.29 0.97	21.05 0.22 0.82	18.23 0.19 0.79	18.11 0.20 0.65	15.18 0.14 0.69	12.67 0.12 0.68	10.87 0.10 0.71
WESTERN_NY_WIND 24143	16.86 -0.01 -4.89	15.95 -0.01 -4.27	15.37 -0.07 -4.16	15.36 -0.10 -4.20	15.28 -0.10 -4.22	15.72 -0.07 -4.54	14.73 -0.10 -5.81	19.08 -0.14 -4.83	22.29 -0.48 -4.37	22.93 -0.39 -3.92	22.41 -0.47 -3.93	22.65 -0.58 -3.34	22.88 -0.64 -2.80	23.00 -0.65 -2.57	22.88 -0.67 -2.59	23.96 -0.60 -2.35	27.40 -0.40 -4.37	31.26 -0.53 -5.47	26.08 -0.17 -4.60	23.09 -0.21 -4.46	22.02 -0.22 -3.68	19.33 -0.28 -3.89	16.67 -0.41 -3.85	15.40 -0.07 -4.00
WESTOVER___LESR 323668	23.08 0.24 -10.86	21.41 0.23 -9.48	20.71 0.19 -9.24	20.79 0.19 -9.33	20.72 0.18 -9.37	21.54 0.20 -10.08	22.10 0.15 -12.92	25.97 0.33 -11.24	28.92 0.37 -10.16	29.12 0.43 -9.30	28.63 0.36 -9.32	28.15 0.34 -7.92	27.71 0.35 -6.63	27.51 0.34 -6.10	27.44 0.33 -6.13	28.18 0.40 -5.56	33.62 0.47 -9.72	39.03 0.55 -12.17	32.39 0.50 -10.24	29.17 0.41 -9.92	27.14 0.41 -8.17	24.65 0.28 -8.64	21.97 0.19 -8.55	20.60 0.24 -8.88
WETHRSFD_WT_PWR 323626	18.35 -0.01 -6.38	17.28 0.01 -5.57	16.66 -0.04 -5.43	16.67 -0.08 -5.48	16.60 -0.08 -5.50	17.13 -0.04 -5.93	16.54 -0.07 -7.59	20.70 -0.10 -6.41	23.80 -0.39 -5.79	24.31 -0.31 -5.22	23.75 -0.44 -5.24	23.85 -0.50 -4.45	23.91 -0.54 -3.73	23.94 -0.57 -3.43	23.85 -0.57 -3.45	24.83 -0.51 -3.13	28.74 -0.40 -5.71	32.90 -0.55 -7.15	27.45 -0.22 -6.01	24.45 -0.21 -5.83	23.18 -0.19 -4.80	20.55 -0.25 -5.08	17.93 -0.33 -5.02	16.67 -0.02 -5.22
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.04 0.89 -32.17	40.66 0.87 -28.10	39.48 0.83 -27.37	39.74 0.83 -27.65	39.74 0.82 -27.75	41.91 0.79 -29.87	47.96 0.66 -38.28	48.55 1.09 -33.06	49.88 1.60 -29.89	48.33 1.65 -27.28	47.87 1.55 -27.37	44.82 1.69 -23.23	41.95 1.76 -19.47	40.81 1.83 -17.90	40.79 1.82 -18.00	40.54 2.00 -16.33	54.39 2.15 -28.80	64.79 2.42 -36.07	54.03 2.03 -30.34	50.00 1.77 -29.39	44.45 1.67 -24.22	42.66 1.32 -25.61	39.60 1.05 -25.33	38.68 0.90 -26.30
YORK___WARBASSE 23770	46.40 1.10 -33.31	41.87 1.08 -29.09	40.62 1.00 -28.35	40.88 0.99 -28.63	40.89 0.98 -28.74	43.11 0.92 -30.94	49.44 0.78 -39.64	49.89 1.27 -34.23	51.17 1.82 -30.95	49.47 1.82 -28.25	49.03 1.74 -28.34	45.90 1.95 -24.05	42.87 1.99 -20.16	41.72 2.11 -18.54	41.68 2.08 -18.64	41.41 2.29 -16.91	55.86 2.60 -29.82	66.52 2.87 -37.35	55.49 2.42 -31.42	51.40 2.13 -30.44	45.61 1.97 -25.08	43.87 1.62 -26.52	40.78 1.32 -26.22	39.82 1.10 -27.24