

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/15/2022

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	53.08	52.85	50.47	49.95	49.93	51.55	57.69	69.83	68.48	63.35	60.07	61.39	60.15	60.02	58.15	60.17	62.69	65.24	73.69	81.91	79.06	64.12	59.36	55.58
24138	1.52	1.45	1.36	1.33	1.40	1.44	1.92	2.13	2.60	2.17	1.91	1.83	1.85	1.85	1.86	1.86	1.77	1.70	1.64	1.68	1.73	1.65	1.60	1.49
	-34.25	-34.09	-32.31	-31.81	-31.20	-32.79	-35.32	-45.04	-40.88	-40.71	-40.82	-42.78	-41.50	-41.37	-39.48	-41.50	-44.42	-47.04	-55.63	-63.40	-60.37	-45.65	-40.94	-36.94
74TH STREET_GT_1	53.09	52.85	50.46	49.96	49.91	51.53	57.65	69.78	68.43	63.31	60.04	61.34	60.12	59.97	58.10	60.12	62.65	65.21	73.66	81.90	79.05	64.09	59.34	55.59
24260	1.52	1.45	1.34	1.33	1.39	1.42	1.88	2.08	2.55	2.13	1.87	1.78	1.82	1.80	1.82	1.82	1.73	1.67	1.61	1.67	1.71	1.61	1.58	1.49
	-34.25	-34.09	-32.31	-31.81	-31.20	-32.79	-35.32	-45.04	-40.88	-40.72	-40.82	-42.78	-41.50	-41.37	-39.49	-41.50	-44.42	-47.05	-55.64	-63.40	-60.38	-45.65	-40.94	-36.94
74TH STREET_GT_2	53.09	52.85	50.46	49.96	49.91	51.53	57.65	69.78	68.43	63.31	60.04	61.34	60.12	59.97	58.10	60.12	62.65	65.21	73.66	81.90	79.05	64.09	59.34	55.59
24261	1.52	1.45	1.34	1.33	1.39	1.42	1.88	2.08	2.55	2.13	1.87	1.78	1.82	1.80	1.82	1.82	1.73	1.67	1.61	1.67	1.71	1.61	1.58	1.49
	-34.25	-34.09	-32.31	-31.81	-31.20	-32.79	-35.32	-45.04	-40.88	-40.72	-40.82	-42.78	-41.50	-41.37	-39.49	-41.50	-44.42	-47.05	-55.64	-63.40	-60.38	-45.65	-40.94	-36.94
ADK HUDSON___FALLS	63.65	63.40	60.54	59.92	59.61	61.87	68.62	83.87	80.81	75.75	72.48	73.39	72.78	72.61	70.08	72.71	76.43	79.92	91.35	102.25	98.29	78.50	72.24	67.14
24011	0.78	0.74	0.76	0.79	0.78	0.93	1.19	1.29	1.42	1.12	0.83	0.82	0.79	0.77	0.76	0.72	0.81	0.81	0.89	1.03	0.97	0.92	0.92	0.82
	-45.57	-45.35	-42.98	-42.31	-41.51	-43.62	-46.99	-59.92	-54.38	-54.16	-54.30	-55.79	-55.18	-55.04	-52.52	-55.18	-59.12	-62.61	-74.05	-84.38	-80.36	-60.76	-54.49	-49.16
ADK RESOURCE___RCVRY	63.70	63.44	60.60	59.98	59.69	61.95	68.71	83.98	80.94	75.85	72.57	73.49	72.87	72.68	70.15	72.78	76.51	80.02	91.44	102.35	98.40	78.60	72.33	67.23
23798	0.78	0.74	0.77	0.81	0.81	0.97	1.23	1.34	1.50	1.17	0.87	0.86	0.82	0.79	0.77	0.74	0.82	0.84	0.90	1.04	1.00	0.96	0.96	0.86
	-45.61	-45.39	-43.03	-42.36	-41.55	-43.66	-47.03	-59.98	-54.44	-54.22	-54.36	-55.85	-55.24	-55.09	-52.58	-55.24	-59.19	-62.68	-74.13	-84.47	-80.44	-60.82	-54.55	-49.21
ADK S GLENS___FALLS	63.65	63.40	60.54	59.92	59.61	61.87	68.62	83.87	80.81	75.75	72.48	73.39	72.78	72.61	70.08	72.71	76.43	79.92	91.35	102.25	98.29	78.50	72.24	67.14
24028	0.78	0.74	0.76	0.79	0.78	0.93	1.19	1.29	1.42	1.12	0.83	0.82	0.79	0.77	0.76	0.72	0.81	0.81	0.89	1.03	0.97	0.92	0.92	0.82
	-45.57	-45.35	-42.98	-42.31	-41.51	-43.62	-46.99	-59.92	-54.38	-54.16	-54.30	-55.79	-55.18	-55.04	-52.52	-55.18	-59.12	-62.61	-74.05	-84.38	-80.36	-60.76	-54.49	-49.16
ADK_NYS___DAM	61.63	61.37	58.62	58.05	57.80	59.93	66.55	81.09	78.12	73.18	69.90	70.30	70.14	70.01	67.62	70.12	73.59	76.96	87.78	98.24	94.36	75.60	69.56	64.78
23527	1.00	0.95	0.96	1.01	1.02	1.14	1.43	1.47	1.42	1.23	0.94	0.89	0.89	0.89	0.89	0.87	0.89	0.94	0.98	1.20	1.02	1.03	0.94	0.89
	-43.31	-43.11	-40.86	-40.22	-39.45	-41.46	-44.66	-56.96	-51.70	-51.49	-51.62	-52.63	-52.45	-52.32	-49.93	-52.45	-56.20	-59.52	-70.39	-80.21	-76.38	-57.75	-51.80	-46.73
AIR_PRODUCTS___DRP	60.35	60.13	57.42	56.83	56.62	58.60	65.05	79.23	76.59	71.64	68.43	69.30	68.66	68.52	66.21	68.66	71.99	75.21	85.69	95.74	92.11	73.87	68.05	63.46
24190	0.99	0.97	0.94	0.96	0.99	1.02	1.23	1.27	1.40	1.19	0.97	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.94	1.03	0.98	0.98	0.94	0.93
	-42.06	-41.85	-39.67	-39.06	-38.31	-40.26	-43.37	-55.30	-50.20	-49.99	-50.12	-51.60	-50.94	-50.80	-48.48	-50.94	-54.57	-57.79	-68.34	-77.87	-74.16	-56.07	-50.29	-45.37
ALBANY___1	60.35	60.13	57.42	56.83	56.62	58.60	65.05	79.23	76.59	71.64	68.43	69.30	68.66	68.52	66.21	68.66	71.99	75.21	85.69	95.74	92.11	73.87	68.05	63.46
23571	0.99	0.97	0.94	0.96	0.99	1.02	1.23	1.27	1.40	1.19	0.97	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.94	1.03	0.98	0.98	0.94	0.93
	-42.06	-41.85	-39.67	-39.06	-38.31	-40.26	-43.37	-55.30	-50.20	-49.99	-50.12	-51.60	-50.94	-50.80	-48.48	-50.94	-54.57	-57.79	-68.34	-77.87	-74.16	-56.07	-50.29	-45.37
ALBANY___2	60.35	60.13	57.42	56.83	56.62	58.60	65.05	79.23	76.59	71.64	68.43	69.30	68.66	68.52	66.21	68.66	71.99	75.21	85.69	95.74	92.11	73.87	68.05	63.46
23572	0.99	0.97	0.94	0.96	0.99	1.02	1.23	1.27	1.40	1.19	0.97	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.94	1.03	0.98	0.98	0.94	0.93
	-42.06	-41.85	-39.67	-39.06	-38.31	-40.26	-43.37	-55.30	-50.20	-49.99	-50.12	-51.60	-50.94	-50.80	-48.48	-50.94	-54.57	-57.79	-68.34	-77.87	-74.16	-56.07	-50.29	-45.37
ALBANY___3	60.35	60.13	57.42	56.83	56.62	58.60	65.05	79.23	76.59	71.64	68.43	69.30	68.66	68.52	66.21	68.66	71.99	75.21	85.69	95.74	92.11	73.87	68.05	63.46
23573	0.99	0.97	0.94	0.96	0.99	1.02	1.23	1.27	1.40	1.19	0.97	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.94	1.03	0.98	0.98	0.94	0.93
	-42.06	-41.85	-39.67	-39.06	-38.31	-40.26	-43.37	-55.30	-50.20	-49.99	-50.12	-51.60	-50.94	-50.80	-48.48	-50.94	-54.57	-57.79	-68.34	-77.87	-74.16	-56.07	-50.29	-45.37
ALBANY___4	60.35	60.13	57.42	56.83	56.62	58.60	65.05	79.23	76.59	71.64	68.43	69.30	68.66	68.52	66.21	68.66	71.99	75.21	85.69	95.74	92.11	73.87	68.05	63.46
23574	0.99	0.97	0.94	0.96	0.99	1.02	1.23	1.27	1.40	1.19	0.97	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.94	1.03	0.98	0.98	0.94	0.93
	-42.06	-41.85	-39.67	-39.06	-38.31	-40.26	-43.37	-55.30	-50.20	-49.99	-50.12	-51.60	-50.94	-50.80	-48.48	-50.94	-54.57	-57.79	-68.34	-77.87	-74.16	-56.07	-50.29	-45.37

ALBANY___LFGE 323615	61.53 1.07 -43.15	61.29 1.04 -42.94	58.53 1.03 -40.71	57.93 1.04 -40.07	57.69 1.06 -39.31	59.74 1.11 -41.30	66.30 1.35 -44.50	80.81 1.41 -56.74	78.05 1.55 -51.50	73.05 1.29 -51.29	69.83 1.06 -51.43	70.65 1.01 -52.86	70.07 1.01 -52.26	69.93 1.01 -52.12	67.55 1.01 -49.74	70.05 0.99 -52.26	73.49 1.01 -55.99	76.81 1.02 -59.29	87.55 1.02 -70.12	97.87 1.13 -79.90	94.13 1.07 -76.10	75.43 1.08 -57.54	69.47 1.04 -51.60	64.71 0.99 -46.55
ALCOA_RYNLDS___DRP 24188	16.84 -0.47 0.00	16.84 -0.47 0.00	16.35 -0.45 0.00	16.33 -0.49 0.00	16.87 -0.45 0.00	16.87 -0.45 0.00	19.78 -0.67 0.00	22.00 -0.66 0.00	24.22 -0.78 0.00	19.79 -0.67 0.00	16.80 -0.54 0.00	16.35 -0.44 0.00	16.33 -0.47 0.00	16.35 -0.45 0.00	16.31 -0.49 0.00	16.30 -0.50 0.00	16.05 -0.44 0.00	16.07 -0.43 0.00	16.05 -0.36 0.00	16.33 -0.50 0.00	16.42 -0.54 0.00	16.35 -0.47 0.00	16.33 -0.49 0.00	16.57 -0.58 0.00
ALCOA___DSASP 323711	16.84 -0.47 0.00	16.84 -0.47 0.00	16.35 -0.45 0.00	16.33 -0.49 0.00	16.87 -0.45 0.00	16.87 -0.45 0.00	19.78 -0.67 0.00	22.00 -0.66 0.00	24.22 -0.78 0.00	19.79 -0.67 0.00	16.80 -0.54 0.00	16.35 -0.44 0.00	16.33 -0.47 0.00	16.35 -0.45 0.00	16.31 -0.49 0.00	16.30 -0.50 0.00	16.05 -0.44 0.00	16.07 -0.43 0.00	16.05 -0.36 0.00	16.33 -0.50 0.00	16.42 -0.54 0.00	16.35 -0.47 0.00	16.33 -0.49 0.00	16.57 -0.58 0.00
ALLEGHENY___COGEN 23514	26.97 1.49 -8.17	26.94 1.51 -8.13	25.87 1.36 -7.71	25.92 1.51 -7.59	26.40 1.63 -7.44	26.86 1.72 -7.82	31.43 2.56 -8.43	35.69 2.29 -10.74	36.88 2.12 -9.75	31.90 1.72 -9.71	28.39 1.30 -9.75	27.83 0.91 -10.14	27.57 0.87 -9.90	27.54 0.87 -9.87	27.28 1.06 -9.42	27.67 0.97 -9.90	27.71 1.11 -10.10	28.09 0.89 -10.70	30.16 1.10 -12.65	32.67 1.41 -14.42	32.27 1.58 -13.73	28.44 1.24 -10.38	27.48 1.35 -9.31	27.24 1.68 -8.40
ALTONA_WT_PWR 323606	16.88 -0.43 0.00	16.91 -0.40 0.00	16.33 -0.47 0.00	16.30 -0.52 0.00	16.89 -0.43 0.00	16.89 -0.43 0.00	19.69 -0.76 0.00	22.09 -0.57 0.00	24.25 -0.75 0.00	19.67 -0.80 0.00	16.63 -0.71 0.00	16.06 -0.72 0.00	15.91 -0.89 0.00	15.89 -0.91 0.00	15.84 -0.96 0.00	15.81 -0.99 0.00	15.48 -1.02 0.00	15.46 -1.04 0.00	15.43 -0.98 0.00	15.78 -1.06 0.00	15.87 -1.09 0.00	15.78 -1.04 0.00	15.89 -0.93 0.00	16.23 -0.93 0.00
AMERICAN_REF_FUEL 24010	23.41 0.02 -6.08	23.42 0.05 -6.06	22.49 -0.05 -5.74	22.47 0.00 -5.65	22.92 0.05 -5.54	23.20 0.05 -5.82	27.20 0.47 -6.27	30.18 -0.48 -8.00	31.36 -0.90 -7.26	27.15 -0.55 -7.23	23.99 -0.59 -7.23	23.49 -0.82 -7.53	23.38 -0.79 -7.37	23.31 -0.84 -7.35	23.03 -0.79 -7.01	23.28 -0.89 -7.37	22.77 -0.81 -7.07	23.05 -0.94 -7.49	24.44 -0.84 -8.86	26.29 -0.64 -10.10	26.08 -0.49 -9.62	23.42 -0.67 -7.27	22.77 -0.57 -6.52	23.13 0.09 -5.88
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.77 0.41 -7.05	24.74 0.41 -7.02	23.72 0.27 -6.65	23.77 0.40 -6.55	24.28 0.54 -6.42	24.59 0.52 -6.75	28.72 1.00 -7.27	32.20 0.27 -9.27	33.51 0.10 -8.41	29.05 0.20 -8.38	25.73 -0.03 -8.42	25.16 -0.39 -8.76	24.96 -0.39 -8.54	24.83 -0.49 -8.52	24.49 -0.44 -8.13	24.84 -0.50 -8.54	24.66 -0.33 -8.49	24.91 -0.58 -8.99	26.59 -0.46 -10.63	28.77 -0.18 -12.12	28.53 0.03 -11.54	25.43 -0.12 -8.72	24.58 -0.07 -7.83	24.78 0.57 -7.06
ARTHUR_KILL_GT_1 23520	53.02 1.45 -34.25	52.75 1.35 -34.09	50.34 1.23 -32.31	49.82 1.19 -31.81	49.79 1.26 -31.20	51.31 1.19 -32.79	57.33 1.55 -35.32	69.38 1.68 -45.04	67.97 2.10 -40.87	62.89 1.72 -40.71	59.73 1.58 -40.82	61.07 1.51 -42.77	59.83 1.53 -41.50	59.70 1.53 -41.36	57.82 1.54 -39.48	59.84 1.54 -41.50	62.35 1.43 -44.42	64.90 1.37 -47.04	73.40 1.36 -55.63	74.44 1.41 -56.19	78.77 1.44 -60.37	63.82 1.35 -45.65	59.18 1.41 -40.94	55.42 1.32 -36.94
ARTHUR_KILL_2 23512	52.98 1.42 -34.25	52.71 1.31 -34.09	50.29 1.18 -32.31	49.77 1.14 -31.81	49.74 1.21 -31.20	51.27 1.16 -32.79	57.29 1.51 -35.32	69.31 1.61 -45.04	67.90 2.02 -40.87	62.85 1.68 -40.71	59.68 1.53 -40.82	61.02 1.46 -42.77	59.79 1.49 -41.50	59.65 1.48 -41.36	57.77 1.49 -39.48	59.79 1.49 -41.50	62.32 1.40 -44.42	64.87 1.34 -47.04	73.36 1.31 -55.63	74.39 1.36 -56.19	78.72 1.39 -60.37	63.77 1.30 -45.65	59.13 1.36 -40.94	55.37 1.27 -36.94
ARTHUR_KILL_3 23513	52.93 1.37 -34.25	52.69 1.30 -34.09	50.32 1.21 -32.31	49.80 1.18 -31.81	49.77 1.25 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.89 1.71 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.56 1.51 -55.63	74.57 1.53 -56.20	78.95 1.61 -60.38	64.02 1.55 -45.65	59.21 1.45 -40.94	55.43 1.34 -36.94
ARTHUR_KILL_COGEN 323718	53.02 1.45 -34.25	52.75 1.35 -34.09	50.34 1.23 -32.31	49.82 1.19 -31.81	49.79 1.26 -31.20	51.31 1.19 -32.79	57.33 1.55 -35.32	69.38 1.68 -45.04	67.97 2.10 -40.87	62.89 1.72 -40.71	59.73 1.58 -40.82	61.07 1.51 -42.77	59.83 1.53 -41.50	59.70 1.53 -41.36	57.82 1.54 -39.48	59.84 1.54 -41.50	62.35 1.43 -44.42	64.90 1.37 -47.04	73.40 1.36 -55.63	74.44 1.41 -56.19	78.77 1.44 -60.37	63.82 1.35 -45.65	59.18 1.41 -40.94	55.42 1.32 -36.94
ASHOKAN____ 23654	54.40 1.26 -35.83	54.18 1.21 -35.66	51.76 1.16 -33.80	51.25 1.16 -33.27	51.18 1.21 -32.64	52.73 1.11 -34.30	58.77 1.37 -36.95	70.98 1.20 -47.12	69.21 1.45 -42.77	64.10 1.04 -42.59	60.91 0.87 -42.70	62.09 0.79 -44.52	61.03 0.82 -43.41	60.89 0.81 -43.28	58.91 0.81 -41.30	61.00 0.79 -43.41	63.78 0.81 -46.47	66.74 1.02 -49.22	75.55 0.94 -58.20	84.26 1.09 -66.33	81.14 1.02 -63.17	65.74 1.16 -47.76	60.66 1.01 -42.83	56.76 0.96 -38.64
ASTORIA_EAST_ENERGY_CC1 323581	53.14 1.57 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.36 1.60 -35.31	69.48 1.79 -45.04	68.10 2.22 -40.87	63.04 1.86 -40.71	59.82 1.66 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.78 1.61 -41.36	57.91 1.63 -39.48	59.93 1.63 -41.50	62.45 1.53 -44.42	64.99 1.45 -47.04	73.47 1.43 -55.63	81.68 1.45 -63.39	78.82 1.49 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.45 1.36 -36.94
ASTORIA_EAST_ENERGY_CC2 323582	53.14 1.57 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.88 1.35 -31.20	51.41 1.30 -32.79	57.36 1.60 -35.31	69.48 1.79 -45.04	68.10 2.22 -40.87	63.04 1.86 -40.71	59.82 1.66 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.78 1.61 -41.36	57.91 1.63 -39.48	59.93 1.63 -41.50	62.45 1.53 -44.42	64.99 1.45 -47.04	73.47 1.43 -55.63	81.68 1.45 -63.39	78.82 1.49 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.45 1.36 -36.94
ASTORIA_GT2_I 24094	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.47 1.37 -36.94

ASTORIA_GT2_2 24095	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.47 1.37 -36.94
ASTORIA_GT2_3 24096	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.47 1.37 -36.94
ASTORIA_GT2_4 24097	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.47 1.37 -36.94
ASTORIA_GT3_1 24098	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.47 1.37 -36.94
ASTORIA_GT3_2 24099	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.47 1.37 -36.94
ASTORIA_GT3_3 24100	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.47 1.37 -36.94
ASTORIA_GT3_4 24101	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.8			

ASTORIA_GT_13 24227	53.05 1.49 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.61 1.90 -45.04	68.26 2.38 -40.88	63.15 1.96 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
ASTORIA_GT_5 24106	53.17 1.61 -34.25	52.90 1.51 -34.09	50.46 1.34 -32.31	49.94 1.31 -31.81	49.91 1.39 -31.20	51.43 1.32 -32.79	57.40 1.64 -35.31	69.53 1.83 -45.04	68.15 2.27 -40.87	63.08 1.90 -40.71	59.86 1.70 -40.82	61.19 1.63 -42.77	59.96 1.66 -41.50	59.81 1.65 -41.36	57.96 1.68 -39.48	59.96 1.66 -41.50	62.48 1.57 -44.42	65.02 1.49 -47.04	73.50 1.46 -55.63	81.73 1.50 -63.39	78.86 1.53 -60.37	63.89 1.43 -45.64	59.19 1.43 -40.94	55.48 1.39 -36.94
ASTORIA_GT_7 24107	53.17 1.61 -34.25	52.90 1.51 -34.09	50.46 1.34 -32.31	49.94 1.31 -31.81	49.91 1.39 -31.20	51.43 1.32 -32.79	57.40 1.64 -35.31	69.53 1.83 -45.04	68.15 2.27 -40.87	63.08 1.90 -40.71	59.86 1.70 -40.82	61.19 1.63 -42.77	59.96 1.66 -41.50	59.81 1.65 -41.36	57.96 1.68 -39.48	59.96 1.66 -41.50	62.48 1.57 -44.42	65.02 1.49 -47.04	73.50 1.46 -55.63	81.73 1.50 -63.39	78.86 1.53 -60.37	63.89 1.43 -45.64	59.19 1.43 -40.94	55.48 1.39 -36.94
ASTORIA_GT_8 24108	53.17 1.61 -34.25	52.90 1.51 -34.09	50.46 1.34 -32.31	49.94 1.31 -31.81	49.91 1.39 -31.20	51.43 1.32 -32.79	57.40 1.64 -35.31	69.53 1.83 -45.04	68.15 2.27 -40.87	63.08 1.90 -40.71	59.86 1.70 -40.82	61.19 1.63 -42.77	59.96 1.66 -41.50	59.81 1.65 -41.36	57.96 1.68 -39.48	59.96 1.66 -41.50	62.48 1.57 -44.42	65.02 1.49 -47.04	73.50 1.46 -55.63	81.73 1.50 -63.39	78.86 1.53 -60.37	63.89 1.43 -45.64	59.19 1.43 -40.94	55.48 1.39 -36.94
ASTORIA___2 24149	53.15 1.59 -34.25	52.87 1.47 -34.09	50.44 1.33 -32.31	49.92 1.30 -31.81	49.89 1.37 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.84 1.68 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.86 1.40 -45.64	59.15 1.40 -40.94	55.47 1.37 -36.94
ASTORIA___3 23516	53.05 1.49 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.61 1.90 -45.04	68.26 2.38 -40.88	63.15 1.96 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
ASTORIA___4 23517	53.05 1.49 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.61 1.90 -45.04	68.26 2.38 -40.88	63.15 1.96 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
ASTORIA___5 23518	53.05 1.49 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.61 1.90 -45.04	68.26 2.38 -40.88	63.15 1.96 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
AST_ENERGY_2_CC3 323677	52.98 1.42 -34.25	52.75 1.35 -34.09	50.37 1.26 -32.31	49.85 1.23 -31.81	49.83 1.30 -31.20	51.45 1.33 -32.79	57.53 1.76 -35.32	69.62 1.92 -45.04	68.26 2.38 -40.88	63.16 1.98 -40.71	59.91 1.75 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.48	60.00 1.70 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.04	73.54 1.49 -55.63	81.77 1.53 -63.40	78.91 1.58 -60.38	63.98 1.51 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
AST_ENERGY_2_CC4 323678	52.98 1.42 -34.25	52.75 1.35 -34.09	50.37 1.26 -32.31	49.85 1.23 -31.81	49.83 1.30 -31.20	51.45 1.33 -32.79	57.53 1.76 -35.32	69.62 1.92 -45.04	68.26 2.38 -40.88	63.16 1.98 -40.71	59.91 1.75 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.48	60.00 1.70 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.04	73.54 1.49 -55.63	81.77 1.53 -63.40	78.91 1.58 -60.38	63.98 1.51 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
ATHENS_STG_1 23668	54.41 0.88 -36.22	54.24 0.88 -36.05	51.81 0.84 -34.17	51.29 0.84 -33.63	51.20 0.88 -32.99	52.86 0.87 -34.67	58.84 1.04 -37.35	71.37 1.09 -47.63	69.53 1.30 -43.23	64.60 1.08 -43.05	61.43 0.92 -43.17	62.74 0.87 -45.08	61.56 0.87 -43.88	61.42 0.87 -43.75	59.44 0.89 -41.75	61.57 0.89 -43.88	64.34 0.86 -46.98	67.11 0.86 -49.75	76.07 0.82 -58.84	84.74 0.86 -67.05	81.69 0.88 -63.85	65.96 0.86 -48.28	60.99 0.87 -43.30	57.11 0.89 -39.06
ATHENS_STG_2 23670	54.41 0.88 -36.22	54.24 0.88 -36.05	51.81 0.84 -34.17	51.29 0.84 -33.63	51.20 0.88 -32.99	52.86 0.87 -34.67	58.84 1.04 -37.35	71.37 1.09 -47.63	69.53 1.30 -43.23	64.60 1.08 -43.05	61.43 0.92 -43.17	62.74 0.87 -45.08	61.56 0.87 -43.88	61.42 0.87 -43.75	59.44 0.89 -41.75	61.57 0.89 -43.88	64.34 0.86 -46.98	67.11 0.86 -49.75	76.07 0.82 -58.84	84.74 0.86 -67.05	81.69 0.88 -63.85	65.96 0.86 -48.28	60.99 0.87 -43.30	57.11 0.89 -39.06
ATHENS_STG_3 23677	54.41 0.88 -36.22	54.24 0.88 -36.05	51.81 0.84 -34.17	51.29 0.84 -33.63	51.20 0.88 -32.99	52.86 0.87 -34.67	58.84 1.04 -37.35	71.37 1.09 -47.63	69.53 1.30 -43.23	64.60 1.08 -43.05	61.43 0.92 -43.17	62.74 0.87 -45.08	61.56 0.87 -43.88	61.42 0.87 -43.75	59.44 0.89 -41.75	61.57 0.89 -43.88	64.34 0.86 -46.98	67.11 0.86 -49.75	76.07 0.82 -58.84	84.74 0.86 -67.05	81.69 0.88 -63.85	65.96 0.86 -48.28	60.99 0.87 -43.30	57.11 0.89 -39.06
AUBURN___LFGE 323710	22.40 0.21 -4.88	22.38 0.21 -4.86	21.58 0.17 -4.61	21.59 0.24 -4.53	22.03 0.26 -4.45	22.29 0.29 -4.67	26.00 0.51 -5.03	29.78 0.70 -6.42	31.53 0.70 -5.83	26.94 0.67 -5.80	23.66 0.48 -5.84	23.19 0.34 -6.07	23.09 0.37 -5.91	23.10 0.40 -5.90	22.83 0.40 -5.63	23.15 0.44 -5.91	22.92 0.36 -6.06	23.17 0.25 -6.42	24.32 0.31 -7.59	25.86 0.37 -8.65	25.66 0.46 -8.24	23.30 0.25 -6.23	22.78 0.37 -5.59	22.68 0.48 -5.04
BABYLON_RES_REC 323704	53.21 1.65 -34.26	53.10 1.70 -34.09	50.70 1.58 -32.32	50.18 1.55 -31.81	50.19 1.66 -31.21	51.69 1.58 -32.79	57.92 2.15 -35.33	70.38 2.67 -45.05	72.80 3.12 -44.67	63.68 2.50 -40.72	70.92 2.11 -51.46	72.15 2.00 -53.37	60.33 2.02 -41.51	65.40 2.02 -46.58	68.98 2.07 -50.11	69.73 2.05 -50.88	70.91 2.00 -52.41	72.17 1.90 -53.77	75.32 1.97 -56.94	84.07 2.05 -65.18	97.29 2.10 -78.22	75.15 1.92 -56.41	70.38 2.03 -51.53	63.50 2.01 -44.33

BARRETT_IC_1 23704	53.18 1.61 -34.26	53.03 1.63 -34.09	50.63 1.51 -32.32	50.13 1.50 -31.81	50.12 1.59 -31.21	51.66 1.54 -32.79	57.84 2.06 -35.33	70.18 2.47 -45.05	72.57 2.90 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.07 1.91 -53.37	60.27 1.96 -41.51	65.35 1.96 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.81 1.90 -52.41	72.10 1.83 -53.77	75.16 1.81 -56.94	83.87 1.85 -65.18	97.05 1.87 -78.22	75.05 1.82 -56.41	70.20 1.85 -51.53	63.33 1.84 -44.33
BARRETT_IC_10 23701	53.18 1.61 -34.26	53.03 1.63 -34.09	50.63 1.51 -32.32	50.13 1.50 -31.81	50.12 1.59 -31.21	51.66 1.54 -32.79	57.84 2.06 -35.33	70.18 2.47 -45.05	72.57 2.90 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.07 1.91 -53.37	60.27 1.96 -41.51	65.35 1.96 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.81 1.90 -52.41	72.10 1.83 -53.77	75.16 1.81 -56.94	83.87 1.85 -65.18	97.05 1.87 -78.22	75.05 1.82 -56.41	70.20 1.85 -51.53	63.33 1.84 -44.33
BARRETT_IC_11 23702	53.18 1.61 -34.26	53.03 1.63 -34.09	50.63 1.51 -32.32	50.13 1.50 -31.81	50.12 1.59 -31.21	51.66 1.54 -32.79	57.84 2.06 -35.33	70.18 2.47 -45.05	72.57 2.90 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.07 1.91 -53.37	60.27 1.96 -41.51	65.35 1.96 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.81 1.90 -52.41	72.10 1.83 -53.77	75.16 1.81 -56.94	83.87 1.85 -65.18	97.05 1.87 -78.22	75.05 1.82 -56.41	70.20 1.85 -51.53	63.33 1.84 -44.33
BARRETT_IC_12 23703	53.18 1.61 -34.26	53.03 1.63 -34.09	50.63 1.51 -32.32	50.13 1.50 -31.81	50.12 1.59 -31.21	51.66 1.54 -32.79	57.84 2.06 -35.33	70.18 2.47 -45.05	72.57 2.90 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.07 1.91 -53.37	60.27 1.96 -41.51	65.35 1.96 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.81 1.90 -52.41	72.10 1.83 -53.77	75.16 1.81 -56.94	83.87 1.85 -65.18	97.05 1.87 -78.22	75.05 1.82 -56.41	70.20 1.85 -51.53	63.33 1.84 -44.33
BARRETT_IC_2 23705	53.18 1.61 -34.26	53.03 1.63 -34.09	50.63 1.51 -32.32	50.13 1.50 -31.81	50.12 1.59 -31.21	51.66 1.54 -32.79	57.84 2.06 -35.33	70.18 2.47 -45.05	72.57 2.90 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.07 1.91 -53.37	60.27 1.96 -41.51	65.35 1.96 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.81 1.90 -52.41	72.10 1.83 -53.77	75.16 1.81 -56.94	83.87 1.85 -65.18	97.05 1.87 -78.22	75.05 1.82 -56.41	70.20 1.85 -51.53	63.33 1.84 -44.33
BARRETT_IC_3 23706	53.18 1.61 -34.26	53.03 1.63 -34.09	50.63 1.51 -32.32	50.13 1.50 -31.81	50.12 1.59 -31.21	51.66 1.54 -32.79	57.84 2.06 -35.33	70.18 2.47 -45.05	72.57 2.90 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.07 1.91 -53.37	60.27 1.96 -41.51	65.35 1.96 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.81 1.90 -52.41	72.10 1.83 -53.77	75.16 1.81 -56.94	83.87 1.85 -65.18	97.05 1.87 -78.22	75.05 1.82 -56.41	70.20 1.85 -51.53	63.33 1.84 -44.33
BARRETT_IC_4 23707	53.18 1.61 -34.26	53.03 1.63 -34.09	50.63 1.51 -32.32	50.13 1.50 -31.81	50.12 1.59 -31.21	51.66 1.54 -32.79	57.84 2.06 -35.33	70.18 2.47 -45.05	72.57 2.90 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.07 1.91 -53.37	60.27 1.96 -41.51	65.35 1.96 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.81 1.90 -52.41	72.10 1.83 -53.77	75.16 1.81 -56.94	83.87 1.85 -65.18	9			

BAYONEEC___CTG10 323750	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BAYONEEC___CTG2 323683	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BAYONEEC___CTG3 323684	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BAYONEEC___CTG4 323685	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BAYONEEC___CTG5 323686	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BAYONEEC___CTG6 323687	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BAYONEEC___CTG7 323688	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BAYONEEC___CTG8 323689	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BAYONEEC___CTG9 323749	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.02 1.55 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BEACON___LESR 323632	60.58 1.21 -42.06	60.35 1.18 -41.86	57.62 1.14 -39.68	57.04 1.16 -39.06	56.82 1.18 -38.32	58.85 1.26 -40.26	65.40 1.57 -43.38	79.58 1.61 -55.31	77.00 1.80 -50.20	71.96 1.49 -50.00	68.67 1.20 -50.13	69.48 1.12 -51.57	68.92 1.18 -50.94	68.77 1.16 -50.81	66.43 1.14 -48.49	68.87 1.13 -50.94	72.21 1.14 -54.57	75.47 1.17 -57.80	85.93 1.17 -68.35	96.00 1.28 -77.89	92.37 1.24 -74.18	74.15 1.24 -56.08	68.28 1.16 -50.30	63.67 1.13 -45.38
BEAVER RIVER___HYD 24048	18.19 -0.24 -1.13	18.19 -0.24 -1.12	17.61 -0.25 -1.06	17.63 -0.24 -1.05	18.18 -0.17 -1.03	18.32 -0.09 -1.08	21.53 -0.08 -1.16	24.21 0.07 -1.48	26.35 0.00 -1.35	21.70 -0.10 -1.34	18.52 -0.16 -1.34	17.94 -0.24 -1.39	17.87 -0.30 -1.37	17.84 -0.32 -1.36	17.75 -0.35 -1.30	17.81 -0.35 -1.37	17.66 -0.28 -1.44	17.86 -0.16 -1.53	18.09 -0.13 -1.81	18.79 -0.10 -2.06	18.83 -0.08 -1.96	18.20 -0.10 -1.48	18.05 -0.10 -1.33	18.24 -0.12 -1.20
BEEBEE_GT_13 23619	22.53 0.24 -4.98	22.54 0.28 -4.96	21.67 0.17 -4.70	21.68 0.24 -4.63	22.14 0.28 -4.54	22.39 0.29 -4.77	26.30 0.72 -5.14	29.44 0.23 -6.55	30.92 -0.02 -5.95	26.47 0.08 -5.92	23.27 -0.02 -5.94	22.75 -0.22 -6.18	22.64 -0.20 -6.04	22.62 -0.20 -6.02	22.38 -0.17 -5.74	22.59 -0.25 -6.04	21.89 -0.16 -5.56	22.12 -0.26 -5.89	23.18 -0.20 -6.96	24.73 -0.03 -7.93	24.56 0.05 -7.55	22.43 -0.10 -5.71	21.91 -0.03 -5.12	22.07 0.29 -4.62
BETHLEHEM___GRP 23843	60.35 0.99 -42.06	60.13 0.97 -41.85	57.42 0.94 -39.67	56.83 0.96 -39.06	56.62 0.99 -38.31	58.60 1.02 -40.26	65.05 1.23 -43.37	79.23 1.27 -55.30	76.59 1.40 -50.20	71.64 1.19 -49.99	68.43 0.97 -50.12	69.30 0.92 -51.60	68.66 0.92 -50.94	68.52 0.92 -50.80	66.21 0.92 -48.48	68.66 0.92 -50.94	71.99 0.92 -54.57	75.21 0.92 -57.79	85.69 0.94 -68.34	95.74 1.03 -77.87	92.11 0.98 -74.16	73.87 0.98 -56.07	68.05 0.94 -50.29	63.46 0.93 -45.37
BETHLEHEM___GS1 323560	60.35 0.99 -42.06	60.13 0.97 -41.85	57.42 0.94 -39.67	56.83 0.96 -39.06	56.62 0.99 -38.31	58.60 1.02 -40.26	65.05 1.23 -43.37	79.23 1.27 -55.30	76.59 1.40 -50.20	71.64 1.19 -49.99	68.43 0.97 -50.12	69.30 0.92 -51.60	68.66 0.92 -50.94	68.52 0.92 -50.80	66.21 0.92 -48.48	68.66 0.92 -50.94	71.99 0.92 -54.57	75.21 0.92 -57.79	85.69 0.94 -68.34	95.74 1.03 -77.87	92.11 0.98 -74.16	73.87 0.98 -56.07	68.05 0.94 -50.29	63.46 0.93 -45.37
BETHLEHEM___GS2 323561	60.35 0.99 -42.06	60.13 0.97 -41.85	57.42 0.94 -39.67	56.83 0.96 -39.06	56.62 0.99 -38.31	58.60 1.02 -40.26	65.05 1.23 -43.37	79.23 1.27 -55.30	76.59 1.40 -50.20	71.64 1.19 -49.99	68.43 0.97 -50.12	69.30 0.92 -51.60	68.66 0.92 -50.94	68.52 0.92 -50.80	66.21 0.92 -48.48	68.66 0.92 -50.94	71.99 0.92 -54.57	75.21 0.92 -57.79	85.69 0.94 -68.34	95.74 1.03 -77.87	92.11 0.98 -74.16	73.87 0.98 -56.07	68.05 0.94 -50.29	63.46 0.93 -45.37

BETHLEHEM___GS3 323562	60.35 0.99 -42.06	60.13 0.97 -41.85	57.42 0.94 -39.67	56.83 0.96 -39.06	56.62 0.99 -38.31	58.60 1.02 -40.26	65.05 1.23 -43.37	79.23 1.27 -55.30	76.59 1.40 -50.20	71.64 1.19 -49.99	68.43 0.97 -50.12	69.30 0.92 -51.60	68.66 0.92 -50.94	68.52 0.92 -50.80	66.21 0.92 -48.48	68.66 0.92 -50.94	71.99 0.92 -54.57	75.21 0.92 -57.79	85.69 0.94 -68.34	95.74 1.03 -77.87	92.11 0.98 -74.16	73.87 0.98 -56.07	68.05 0.94 -50.29	63.46 0.93 -45.37
BETHLEHEM___STEEL 23779	24.35 0.62 -6.42	24.36 0.66 -6.39	23.38 0.52 -6.06	23.37 0.59 -5.97	23.85 0.67 -5.85	24.15 0.67 -6.15	28.36 1.29 -6.62	31.63 0.52 -8.45	32.94 0.28 -7.67	28.49 0.39 -7.64	25.20 0.17 -7.69	24.70 -0.08 -8.00	24.52 -0.07 -7.78	24.44 -0.12 -7.76	24.14 -0.07 -7.41	24.38 -0.20 -7.78	24.00 -0.11 -7.62	24.28 -0.28 -8.06	25.74 -0.21 -9.54	27.72 0.02 -10.87	27.51 0.20 -10.35	24.68 0.03 -7.83	23.91 0.07 -7.02	24.14 0.65 -6.33
BETHPAGE_CC_5 323564	53.21 1.65 -34.26	53.08 1.68 -34.09	50.68 1.56 -32.32	50.18 1.55 -31.81	50.18 1.65 -31.21	51.69 1.58 -32.79	57.90 2.13 -35.33	70.29 2.58 -45.05	72.72 3.05 -44.67	63.66 2.48 -40.72	70.90 2.10 -51.46	72.15 2.00 -53.37	60.33 2.02 -41.51	65.40 2.02 -46.58	68.94 2.03 -50.11	69.71 2.03 -50.88	70.88 1.96 -52.41	72.17 1.90 -53.77	75.26 1.90 -56.94	84.00 1.99 -65.18	97.20 2.02 -78.22	75.12 1.88 -56.41	70.30 1.95 -51.53	63.43 1.94 -44.33
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.45 0.66 -6.49	24.46 0.69 -6.46	23.47 0.55 -6.12	23.47 0.62 -6.02	23.94 0.71 -5.91	24.26 0.73 -6.21	28.49 1.35 -6.69	31.78 0.59 -8.53	33.09 0.35 -7.74	28.63 0.45 -7.71	25.33 0.22 -7.76	24.81 -0.05 -8.08	24.64 -0.02 -7.86	24.55 -0.08 -7.83	24.25 -0.03 -7.48	24.51 -0.15 -7.86	24.12 -0.08 -7.71	24.43 -0.23 -8.16	25.88 -0.18 -9.65	27.90 0.07 -11.00	27.67 0.24 -10.47	24.81 0.07 -7.92	24.02 0.10 -7.10	24.25 0.69 -6.41
BINGHAMTON___COGEN 23790	29.61 0.55 -11.75	29.57 0.57 -11.69	28.41 0.52 -11.09	28.30 0.57 -10.91	28.63 0.61 -10.70	29.18 0.61 -11.25	33.45 0.88 -12.12	38.90 0.79 -15.45	39.88 0.85 -14.03	35.13 0.70 -13.97	31.87 0.52 -14.01	31.81 0.40 -14.62	31.46 0.42 -14.24	31.42 0.42 -14.19	30.78 0.44 -13.55	31.47 0.44 -14.24	32.01 0.45 -15.06	32.90 0.45 -15.95	35.69 0.41 -18.86	38.84 0.50 -21.50	38.01 0.58 -20.47	32.79 0.49 -15.48	31.17 0.47 -13.88	30.30 0.62 -12.52
BLACK RIVER___HYD 24047	18.91 -0.21 -1.81	18.89 -0.23 -1.80	18.29 -0.22 -1.71	18.30 -0.20 -1.68	18.85 -0.12 -1.65	19.02 -0.03 -1.73	22.38 0.06 -1.87	25.31 0.27 -2.38	27.39 0.22 -2.16	22.64 0.02 -2.15	19.42 -0.07 -2.15	18.82 -0.20 -2.24	18.68 -0.32 -2.19	18.67 -0.32 -2.19	18.52 -0.37 -2.09	18.64 -0.35 -2.19	18.54 -0.28 -2.32	18.82 -0.13 -2.46	19.27 -0.05 -2.91	20.18 0.03 -3.31	20.18 0.07 -3.15	19.19 -0.02 -2.38	18.96 0.00 -2.14	19.07 -0.02 -1.93
BLISS_WT_PWR 323608	25.21 0.87 -7.04	25.19 0.88 -7.01	24.18 0.74 -6.64	24.26 0.91 -6.54	24.81 1.07 -6.41	25.14 1.07 -6.74	29.36 1.66 -7.26	32.75 0.84 -9.26	33.83 0.42 -8.40	29.04 0.20 -8.37	25.63 -0.12 -8.41	25.15 -0.39 -8.75	24.94 -0.39 -8.53	24.80 -0.50 -8.50	24.45 -0.47 -8.11	24.98 -0.35 -8.53	24.62 -0.35 -8.47	24.91 -0.56 -8.97	26.55 -0.48 -10.61	28.82 -0.10 -12.09	28.52 0.05 -11.51	25.42 -0.10 -8.70	24.61 -0.02 -7.81	24.77 0.57 -7.04
BLUE_CIRC_CHEM_DRP 24182	59.18 0.92 -40.96	58.97 0.90 -40.76	56.33 0.89 -38.64	55.73 0.87 -38.03	55.52 0.88 -37.31	57.41 0.88 -39.20	63.77 1.08 -42.23	77.63 1.11 -53.86	75.18 1.30 -48.88	70.21 1.06 -48.68	67.05 0.90 -48.81	68.14 0.86 -50.49	67.29 0.87 -49.61	67.14 0.87 -49.47	64.90 0.89 -47.21	67.29 0.87 -49.61	70.49 0.86 -53.14	73.65 0.87 -56.27	83.80 0.84 -66.55	93.55 0.87 -75.84	90.08 0.90 -72.22	72.30 0.87 -54.61	66.67 0.87 -48.98	62.22 0.87 -44.18
BOC_GAS_DRP 24189	59.10 0.83 -40.96	58.90 0.83 -40.76	56.24 0.81 -38.64	55.66 0.81 -38.03	55.46 0.83 -37.31	57.36 0.83 -39.20	63.69 1.00 -42.23	77.56 1.04 -53.86	75.08 1.20 -48.88	70.15 1.00 -48.68	67.00 0.85 -48.81	68.09 0.81 -50.49	67.22 0.81 -49.61	67.08 0.81 -49.47	64.84 0.82 -47.21	67.22 0.81 -49.61	70.43 0.79 -53.14	73.56 0.79 -56.27	83.74 0.77 -66.55	93.50 0.82 -75.84	90.01 0.83 -72.22	72.23 0.81 -54.61	66.60 0.81 -48.98	62.15 0.81 -44.18
BORALEX_4TH_BRANCH 23824	61.63 1.00 -43.31	61.37 0.95 -43.11	58.62 0.96 -40.86	58.05 1.01 -40.22	57.80 1.02 -39.45	59.93 1.14 -41.46	66.55 1.43 -44.66	81.09 1.47 -56.96	78.12 1.42 -51.70	73.18 1.23 -51.49	69.90 0.94 -51.62	70.30 0.89 -52.63	70.14 0.89 -52.45	70.01 0.89 -52.32	67.62 0.89 -49.93	70.12 0.87 -52.45	73.59 0.89 -56.20	76.96 0.94 -59.52	87.78 0.98 -70.39	98.24 1.20 -80.21	94.36 1.02 -76.38	75.60 1.03 -57.75	69.56 0.94 -51.80	64.78 0.89 -46.73
BOWLINE___1 23526	52.31 1.30 -33.70	52.09 1.25 -33.54	49.77 1.18 -31.79	49.27 1.16 -31.29	49.25 1.23 -30.70	50.83 1.25 -32.26	56.82 1.62 -34.75	68.72 1.74 -44.32	67.34 2.12 -40.22	62.28 1.76 -40.06	59.01 1.51 -40.16	60.31 1.44 -42.08	59.09 1.46 -40.83	58.97 1.46 -40.70	57.13 1.48 -38.85	59.11 1.48 -40.83	61.62 1.42 -43.70	64.18 1.40 -46.28	72.49 1.35 -54.73	80.62 1.41 -62.37	77.80 1.44 -59.40	63.11 1.38 -44.91	58.43 1.33 -40.28	54.75 1.25 -36.34
BOWLINE___2 23595	52.31 1.30 -33.70	52.09 1.25 -33.54	49.77 1.18 -31.79	49.28 1.16 -31.30	49.25 1.23 -30.70	50.83 1.25 -32.26	56.82 1.62 -34.75	68.72 1.74 -44.32	67.35 2.12 -40.22	62.29 1.76 -40.06	59.01 1.51 -40.16	60.31 1.44 -42.08	59.10 1.46 -40.83	58.97 1.46 -40.71	57.13 1.48 -38.85	59.11 1.48 -40.83	61.62 1.42 -43.71	64.19 1.40 -46.28	72.50 1.35 -54.74	80.63 1.41 -62.38	77.80 1.44 -59.40	63.11 1.38 -44.91	58.43 1.33 -40.28	54.77 1.27 -36.34
BRANSCOMB___SOLAR 323811	63.41 0.93 -45.17	63.14 0.88 -44.95	60.30 0.89 -42.61	59.69 0.92 -41.95	59.40 0.93 -41.15	61.62 1.06 -43.24	68.36 1.33 -46.58	83.46 1.41 -59.40	80.44 1.53 -53.91	75.38 1.23 -53.69	72.11 0.94 -53.83	72.97 0.92 -55.26	72.40 0.89 -54.70	72.23 0.87 -54.56	69.74 0.87 -52.07	72.35 0.84 -54.70	76.00 0.89 -58.61	79.49 0.92 -62.07	90.79 0.97 -73.41	101.61 1.13 -83.65	97.67 1.05 -79.66	78.08 1.03 -60.23	71.83 0.99 -54.02	66.82 0.93 -48.74
BROOKHAVEN___DRP 24191	52.93 1.37 -34.26	53.01 1.61 -34.09	50.60 1.48 -32.32	50.08 1.45 -31.81	50.09 1.56 -31.21	51.40 1.28 -32.79	57.60 1.82 -35.33	70.02 2.31 -45.05	72.42 2.75 -44.67	63.33 2.15 -40.72	70.63 1.82 -51.46	71.85 1.69 -53.37	60.01 1.70 -41.51	65.12 1.73 -46.58	68.66 1.75 -50.11	69.43 1.75 -50.88	70.63 1.72 -52.41	71.92 1.65 -53.77	75.08 1.72 -56.94	83.83 1.82 -65.18	97.03 1.85 -78.22	74.92 1.68 -56.41	70.18 1.83 -51.53	63.29 1.80 -44.33
BROOKLYN_NAVY_YARD 23515	52.98 1.42 -34.25	52.75 1.35 -34.09	50.37 1.26 -32.31	49.87 1.24 -31.81	49.83 1.30 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.23 2.05 -40.71	59.93 1.77 -40.82	61.26 1.69 -42.78	60.02 1.71 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.48	60.03 1.73 -41.50	62.55 1.63 -44.42	65.13 1.58 -47.04	73.58 1.53 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.00 1.53 -45.65	59.28 1.51 -40.94	55.50 1.41 -36.94

BROOKLYN___ARMY_DRP 323595	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
BROOME_2_LFGE 323671	29.61 0.55 -11.75	29.57 0.57 -11.69	28.41 0.52 -11.09	28.30 0.57 -10.91	28.63 0.61 -10.70	29.18 0.61 -11.25	33.45 0.88 -12.12	38.90 0.79 -15.45	39.88 0.85 -14.03	35.13 0.70 -13.97	31.87 0.52 -14.01	31.81 0.40 -14.62	31.46 0.42 -14.24	31.42 0.42 -14.19	30.78 0.44 -13.55	31.47 0.44 -14.24	32.01 0.45 -15.06	32.90 0.45 -15.95	35.69 0.41 -18.86	38.84 0.50 -21.50	38.01 0.58 -20.47	32.79 0.49 -15.48	31.17 0.47 -13.88	30.30 0.62 -12.52
BROOME___LFGE 323600	29.61 0.55 -11.75	29.57 0.57 -11.69	28.41 0.52 -11.09	28.30 0.57 -10.91	28.63 0.61 -10.70	29.18 0.61 -11.25	33.45 0.88 -12.12	38.90 0.79 -15.45	39.88 0.85 -14.03	35.13 0.70 -13.97	31.87 0.52 -14.01	31.81 0.40 -14.62	31.46 0.42 -14.24	31.42 0.42 -14.19	30.78 0.44 -13.55	31.47 0.44 -14.24	32.01 0.45 -15.06	32.90 0.45 -15.95	35.69 0.41 -18.86	38.84 0.50 -21.50	38.01 0.58 -20.47	32.79 0.49 -15.48	31.17 0.47 -13.88	30.30 0.62 -12.52
BURROWS___LYONSDAL 23803	18.22 0.07 -0.84	18.20 0.05 -0.84	17.65 0.05 -0.79	17.65 0.05 -0.78	18.21 0.12 -0.77	18.30 0.17 -0.81	21.58 0.27 -0.87	24.11 0.34 -1.11	26.36 0.35 -1.01	21.69 0.23 -1.00	18.48 0.14 -1.00	17.89 0.07 -1.04	17.84 0.02 -1.02	17.82 0.00 -1.02	17.76 -0.02 -0.97	17.81 -0.02 -1.02	17.59 0.02 -1.07	17.78 0.15 -1.14	17.86 0.10 -1.34	18.52 0.15 -1.53	18.59 0.17 -1.46	18.09 0.17 -1.10	17.93 0.12 -0.99	18.17 0.12 -0.89
CAITHNESS_CC_1 323624	52.95 1.39 -34.26	52.99 1.59 -34.09	50.58 1.46 -32.32	50.06 1.43 -31.81	50.07 1.54 -31.21	51.42 1.30 -32.79	57.62 1.84 -35.33	70.06 2.36 -45.05	72.47 2.80 -44.67	63.38 2.19 -40.72	70.66 1.86 -51.46	71.90 1.75 -53.37	60.06 1.75 -41.51	65.15 1.76 -46.58	68.71 1.80 -50.11	69.46 1.78 -50.88	70.66 1.75 -52.41	71.94 1.67 -53.77	75.09 1.74 -56.94	83.85 1.84 -65.18	97.05 1.87 -78.22	74.92 1.68 -56.41	70.20 1.85 -51.53	63.33 1.84 -44.33
CALPINE BETH_PAGE_GT4 24209	53.21 1.65 -34.26	53.08 1.68 -34.09	50.68 1.56 -32.32	50.18 1.55 -31.81	50.18 1.65 -31.21	51.69 1.58 -32.79	57.90 2.13 -35.33	70.27 2.56 -45.05	72.70 3.02 -44.67	63.64 2.45 -40.72	70.89 2.08 -51.46	72.14 1.98 -53.37	60.31 2.00 -41.51	65.38 2.00 -46.58	68.93 2.02 -50.11	69.69 2.02 -50.88	70.86 1.95 -52.41	72.15 1.88 -53.77	75.24 1.89 -56.94	83.98 1.97 -65.18	97.18 2.00 -78.22	75.10 1.87 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33
CALPINE_BETH_PAGE_GT_4 323586	53.21 1.65 -34.26	53.08 1.68 -34.09	50.68 1.56 -32.32	50.18 1.55 -31.81	50.18 1.65 -31.21	51.69 1.58 -32.79	57.90 2.13 -35.33	70.27 2.56 -45.05	72.70 3.02 -44.67	63.64 2.45 -40.72	70.89 2.08 -51.46	72.14 1.98 -53.37	60.31 2.00 -41.51	65.38 2.00 -46.58	68.93 2.02 -50.11	69.69 2.02 -50.88	70.86 1.95 -52.41	72.15 1.88 -53.77	75.24 1.89 -56.94	83.98 1.97 -65.18	97.18 2.00 -78.22	75.10 1.87 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33
CALPINE_BP_GT1 23823	53.21 1.65 -34.26	53.08 1.68 -34.09	50.68 1.56 -32.32	50.18 1.55 -31.81	50.18 1.65 -31.21	51.69 1.58 -32.79	57.90 2.13 -35.33	70.27 2.56 -45.05	72.70 3.02 -44.67	63.64 2.45 -40.72	70.89 2.08 -51.46	72.14 1.98 -53.37	60.31 2.00 -41.51	65.38 2.00 -46.58	68.93 2.02 -50.11	69.69 2.02 -50.88	70.86 1.95 -52.41	72.15 1.88 -53.77	75.24 1.89 -56.94	83.98 1.97 -65.18	97.18 2.00 -78.22	75.10 1.87 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33
CALSPAN___DRP 24200	24.35 0.62 -6.42	24.36 0.66 -6.39	23.38 0.52 -6.06	23.37 0.59 -5.97	23.85 0.67 -5.85	24.15 0.67 -6.15	28.36 1.29 -6.62	31.63 0.52 -8.45	32.94 0.28 -7.67	28.49 0.39 -7.64	25.20 0.17 -7.69	24.70 -0.08 -8.00	24.52 -0.07 -7.78	24.44 -0.12 -7.76	24.14 -0.07 -7.41	24.38 -0.20 -7.78	24.00 -0.11 -7.62	24.28 -0.28 -8.06	25.74 -0.21 -9.54	27.72 0.02 -10.87	27.51 0.20 -10.35	24.68 0.03 -7.83	23.91 0.07 -7.02	24.14 0.65 -6.33
CANDIGU_WT_PWR 323617	26.65 0.71 -8.63	26.61 0.71 -8.59	25.55 0.60 -8.14	25.54 0.71 -8.01	25.97 0.78 -7.86	26.38 0.80 -8.26	30.64 1.29 -8.90	34.87 0.86 -11.35	36.02 0.73 -10.30	31.32 0.59 -10.26	28.00 0.36 -10.29	27.65 0.15 -10.71	27.41 0.15 -10.45	27.34 0.12 -10.42	26.93 0.19 -9.95	27.39 0.13 -10.45	27.42 0.20 -10.72	27.99 0.13 -11.36	30.01 0.16 -13.43	32.51 0.37 -15.30	32.03 0.49 -14.57	28.18 0.34 -11.02	27.06 0.35 -9.88	26.78 0.70 -8.92
CARR STREET_E_SYR 24060	20.77 0.03 -3.42	20.75 0.03 -3.41	20.05 0.02 -3.23	20.07 0.07 -3.18	20.53 0.09 -3.12	20.69 0.09 -3.28	24.21 0.23 -3.53	27.34 0.18 -4.50	29.28 0.20 -4.09	24.74 0.20 -4.07	21.54 0.12 -4.07	21.06 0.03 -4.24	20.97 0.02 -4.15	20.97 0.03 -4.14	20.80 0.05 -3.95	21.02 0.07 -4.15	20.93 0.03 -4.40	21.21 0.05 -4.66	21.94 0.02 -5.51	23.18 0.07 -6.28	23.06 0.12 -5.98	21.39 0.05 -4.52	20.93 0.05 -4.05	20.95 0.14 -3.66
CARTHAGE___PAPER 23857	18.54 -0.31 -1.55	18.52 -0.33 -1.54	17.94 -0.32 -1.46	17.94 -0.32 -1.44	18.49 -0.24 -1.41	18.65 -0.16 -1.48	21.92 -0.12 -1.60	24.74 0.05 -2.03	26.82 -0.02 -1.85	22.14 -0.16 -1.84	18.95 -0.23 -1.84	18.36 -0.34 -1.91	18.24 -0.44 -1.87	18.22 -0.45 -1.87	18.08 -0.50 -1.78	18.19 -0.49 -1.87	18.08 -0.40 -1.98	18.35 -0.25 -2.10	18.71 -0.18 -2.48	19.55 -0.12 -2.83	19.53 -0.12 -2.69	18.70 -0.15 -2.04	18.49 -0.15 -1.83	18.62 -0.19 -1.65
CASSADAGA_WT_PWR 323784	25.00 0.61 -7.09	24.95 0.59 -7.06	23.93 0.44 -6.69	23.98 0.57 -6.58	24.51 0.73 -6.46	24.80 0.69 -6.79	28.97 1.21 -7.31	32.46 0.48 -9.32	33.76 0.30 -8.46	29.22 0.33 -8.43	25.86 0.05 -8.47	25.26 -0.34 -8.81	25.04 -0.35 -8.59	24.89 -0.47 -8.56	24.52 -0.45 -8.17	24.87 -0.52 -8.59	24.70 -0.35 -8.54	24.99 -0.56 -9.05	26.70 -0.41 -10.70	28.93 -0.10 -12.19	28.72 0.15 -11.61	25.65 0.05 -8.78	24.76 0.07 -7.87	24.98 0.72 -7.10
CE_DUNWOOD___DRP 24194	52.89 1.37 -34.21	52.67 1.31 -34.05	50.30 1.23 -32.27	49.80 1.21 -31.77	49.77 1.28 -31.16	51.37 1.30 -32.75	57.43 1.70 -35.28	69.51 1.86 -44.99	68.08 2.25 -40.83	62.99 1.86 -40.67	59.73 1.61 -40.77	61.06 1.54 -42.73	59.82 1.56 -41.45	59.67 1.54 -41.32	57.80 1.56 -39.44	59.82 1.56 -41.45	62.37 1.50 -44.37	64.95 1.47 -46.99	73.41 1.43 -55.57	81.66 1.50 -63.32	78.77 1.51 -60.30	63.86 1.45 -45.60	59.11 1.40 -40.89	55.37 1.32 -36.89
CE_MILLWOOD___DRP 24193	52.76 1.31 -34.14	52.57 1.28 -33.98	50.20 1.19 -32.21	49.70 1.18 -31.70	49.67 1.25 -31.10	51.27 1.26 -32.68	57.29 1.64 -35.21	69.34 1.79 -44.90	67.90 2.15 -40.75	62.83 1.78 -40.58	59.57 1.54 -40.69	60.90 1.48 -42.64	59.66 1.49 -41.37	59.52 1.48 -41.24	57.65 1.49 -39.36	59.66 1.49 -41.37	62.21 1.43 -44.28	64.81 1.42 -46.89	73.23 1.36 -55.45	81.46 1.43 -63.19	78.60 1.46 -60.18	63.72 1.40 -45.50	58.98 1.35 -40.81	55.24 1.27 -36.82



CE_NYC2_DRP 24202	53.05 1.49 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.45 1.33 -32.79	57.53 1.76 -35.32	69.63 1.92 -45.04	68.28 2.40 -40.88	63.17 1.98 -40.72	59.93 1.77 -40.82	61.26 1.69 -42.78	60.02 1.71 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.49	60.04 1.73 -41.50	62.56 1.63 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.93 1.59 -60.38	63.97 1.50 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
CE_NYC_DRP 24195	53.01 1.45 -34.25	52.78 1.39 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.48 1.37 -32.79	57.59 1.82 -35.32	69.72 2.02 -45.04	68.33 2.45 -40.88	63.23 2.05 -40.71	59.97 1.80 -40.82	61.28 1.71 -42.78	60.05 1.75 -41.50	59.90 1.73 -41.37	58.05 1.76 -39.48	60.05 1.75 -41.50	62.59 1.67 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.83 1.60 -63.40	78.98 1.64 -60.38	64.02 1.55 -45.65	59.28 1.51 -40.94	55.52 1.42 -36.94
CHAFFEE__LFGE 323603	24.65 0.64 -6.70	24.65 0.67 -6.67	23.66 0.54 -6.32	23.66 0.62 -6.22	24.14 0.71 -6.10	24.47 0.73 -6.41	28.69 1.33 -6.91	32.01 0.54 -8.81	33.30 0.30 -8.00	28.80 0.37 -7.96	25.51 0.16 -8.01	25.01 -0.12 -8.34	24.84 -0.08 -8.12	24.74 -0.15 -8.09	24.43 -0.10 -7.72	24.72 -0.20 -8.12	24.35 -0.15 -8.00	24.68 -0.30 -8.47	26.19 -0.25 -10.02	28.25 0.00 -11.42	28.02 0.19 -10.87	25.06 0.02 -8.22	24.24 0.05 -7.37	24.44 0.64 -6.65
CHATEAUG_WT_PWR 323614	16.82 -0.48 0.00	16.84 -0.47 0.00	16.26 -0.54 0.00	16.25 -0.57 0.00	16.81 -0.52 0.00	16.84 -0.48 0.00	19.59 -0.86 0.00	21.96 -0.70 0.00	24.15 -0.85 0.00	19.59 -0.88 0.00	16.56 -0.78 0.00	16.01 -0.77 0.00	15.83 -0.97 0.00	15.83 -0.97 0.00	15.79 -1.01 0.00	15.76 -1.04 0.00	15.44 -1.06 0.00	15.43 -1.07 0.00	15.36 -1.05 0.00	15.71 -1.13 0.00	15.81 -1.15 0.00	15.73 -1.09 0.00	15.83 -0.99 0.00	16.16 -1.00 0.00
CHAT_HIGH_FALL_HYD 323578	16.79 -0.52 0.00	16.82 -0.48 0.00	16.26 -0.54 0.00	16.25 -0.57 0.00	16.82 -0.50 0.00	16.84 -0.48 0.00	19.63 -0.82 0.00	21.96 -0.70 0.00	24.12 -0.88 0.00	19.59 -0.88 0.00	16.58 -0.76 0.00	16.05 -0.74 0.00	15.91 -0.89 0.00	15.91 -0.89 0.00	15.88 -0.92 0.00	15.84 -0.96 0.00	15.51 -0.99 0.00	15.51 -0.99 0.00	15.48 -0.93 0.00	15.83 -1.01 0.00	15.92 -1.04 0.00	15.83 -0.99 0.00	15.91 -0.91 0.00	16.21 -0.94 0.00
CHAUTAUQUA__LFGE 323629	24.90 0.73 -6.87	24.89 0.74 -6.84	23.89 0.60 -6.48	23.89 0.69 -6.38	24.38 0.80 -6.26	24.70 0.80 -6.58	28.93 1.39 -7.08	32.37 0.68 -9.03	33.67 0.47 -8.20	29.18 0.55 -8.17	25.86 0.31 -8.21	25.32 0.00 -8.54	25.14 0.02 -8.32	25.03 -0.07 -8.30	24.70 -0.02 -7.92	24.99 -0.14 -8.32	24.71 -0.03 -8.24	25.00 -0.23 -8.73	26.60 -0.13 -10.32	28.72 0.12 -11.76	28.48 0.32 -11.20	25.44 0.15 -8.47	24.60 0.19 -7.60	24.80 0.79 -6.85
CH_MIDHUDSON__DRP 24192	53.84 1.28 -35.25	53.63 1.25 -35.08	51.23 1.18 -33.25	50.73 1.18 -32.73	50.66 1.23 -32.11	52.28 1.21 -33.74	58.35 1.55 -36.35	70.66 1.65 -46.35	69.07 2.00 -42.07	64.00 1.64 -41.90	60.74 1.39 -42.01	61.99 1.33 -43.88	60.85 1.34 -42.70	60.72 1.34 -42.57	58.79 1.36 -40.63	60.87 1.36 -42.70	63.53 1.32 -45.72	66.23 1.32 -48.41	74.95 1.28 -57.25	83.44 1.36 -65.24	80.47 1.37 -62.13	65.11 1.31 -46.98	60.23 1.28 -42.14	56.39 1.22 -38.01
CH_MISC_IPPS 23765	53.29 1.37 -34.62	53.09 1.33 -34.45	50.72 1.26 -32.66	50.21 1.24 -32.15	50.16 1.30 -31.54	51.74 1.28 -33.14	57.79 1.64 -35.70	69.95 1.77 -45.53	68.44 2.12 -41.32	63.34 1.72 -41.15	60.06 1.46 -41.26	61.34 1.41 -43.15	60.16 1.41 -41.95	60.03 1.41 -41.82	58.15 1.45 -39.91	60.17 1.43 -41.95	62.80 1.40 -44.90	65.45 1.40 -47.55	74.01 1.36 -56.23	82.38 1.46 -64.08	79.46 1.47 -61.03	64.37 1.41 -46.14	59.55 1.35 -41.38	55.79 1.30 -37.33
CH_RES_BVR_FALLS 23983	15.77 -0.24 1.30	15.74 -0.28 1.29	15.26 -0.32 1.22	15.26 -0.35 1.20	15.76 -0.38 1.18	15.70 -0.38 1.24	18.64 -0.47 1.34	20.45 -0.50 1.71	22.90 -0.55 1.55	18.45 -0.47 1.54	15.34 -0.45 1.55	14.70 -0.42 1.67	14.79 -0.44 1.57	14.80 -0.44 1.57	14.87 -0.44 1.50	14.79 -0.44 1.57	14.40 -0.41 1.69	14.31 -0.40 1.79	13.92 -0.38 2.12	14.02 -0.40 2.41	14.25 -0.41 2.30	14.70 -0.39 1.74	14.89 -0.37 1.56	15.34 -0.41 1.41
CH_RES_NIAGARA 23895	23.41 0.02 -6.08	23.42 0.05 -6.06	22.49 -0.05 -5.74	22.47 0.00 -5.65	22.92 0.05 -5.54	23.20 0.05 -5.82	27.20 0.47 -6.27	30.18 -0.48 -8.00	31.36 -0.90 -7.26	27.15 -0.55 -7.23	23.99 -0.59 -7.23	23.51 -0.81 -7.53	23.38 -0.79 -7.37	23.31 -0.84 -7.35	23.03 -0.79 -7.01	23.28 -0.89 -7.37	22.77 -0.81 -7.07	23.05 -0.94 -7.49	24.44 -0.84 -8.86	26.29 -0.64 -10.10	26.08 -0.49 -9.62	23.42 -0.67 -7.27	22.77 -0.57 -6.52	23.13 0.09 -5.88
CH_RES_SYRACUSE 23985	21.36 0.16 -3.90	21.35 0.16 -3.88	20.62 0.13 -3.68	20.64 0.20 -3.62	21.10 0.22 -3.55	21.28 0.22 -3.73	24.84 0.37 -4.02	28.15 0.36 -5.13	30.05 0.40 -4.66	25.47 0.37 -4.64	22.20 0.26 -4.60	21.72 0.15 -4.79	21.66 0.13 -4.73	21.65 0.13 -4.71	21.45 0.15 -4.50	21.70 0.17 -4.73	21.59 0.16 -4.93	21.92 0.20 -5.22	22.72 0.13 -6.17	24.06 0.19 -7.04	23.92 0.25 -6.70	22.07 0.19 -5.07	21.53 0.17 -4.54	21.50 0.24 -4.10
CLINTON_WT_PWR 323605	16.82 -0.48 0.00	16.84 -0.47 0.00	16.26 -0.54 0.00	16.25 -0.57 0.00	16.81 -0.52 0.00	16.84 -0.48 0.00	19.59 -0.86 0.00	21.96 -0.70 0.00	24.15 -0.85 0.00	19.59 -0.88 0.00	16.56 -0.78 0.00	16.01 -0.77 0.00	15.83 -0.97 0.00	15.83 -0.97 0.00	15.79 -1.01 0.00	15.76 -1.04 0.00	15.44 -1.06 0.00	15.43 -1.07 0.00	15.36 -1.05 0.00	15.71 -1.13 0.00	15.81 -1.15 0.00	15.73 -1.09 0.00	15.83 -0.99 0.00	16.16 -1.00 0.00
CLINTON__LFGE 323618	17.00 -0.31 0.00	17.01 -0.29 0.00	16.40 -0.40 0.00	16.37 -0.45 0.00	17.01 -0.31 0.00	17.03 -0.29 0.00	19.88 -0.57 0.00	22.25 -0.41 0.00	24.43 -0.57 0.00	19.81 -0.66 0.00	16.75 -0.59 0.00	16.18 -0.60 0.00	16.03 -0.77 0.00	16.03 -0.77 0.00	15.98 -0.82 0.00	15.93 -0.87 0.00	15.59 -0.91 0.00	15.59 -0.91 0.00	15.58 -0.84 0.00	15.93 -0.91 0.00	16.03 -0.93 0.00	15.91 -0.91 0.00	16.03 -0.79 0.00	16.35 -0.81 0.00
COLONIE_LFGE__ 323577	62.47 0.95 -44.21	62.23 0.92 -44.00	59.42 0.91 -41.71	58.82 0.94 -41.06	58.55 0.95 -40.27	60.70 1.06 -42.32	67.35 1.31 -45.59	82.14 1.34 -58.14	79.17 1.40 -52.77	74.19 1.17 -52.55	70.95 0.92 -52.69	71.66 0.87 -54.01	71.20 0.86 -53.54	71.06 0.86 -53.40	68.62 0.86 -50.97	71.19 0.84 -53.54	74.72 0.86 -57.37	78.16 0.91 -60.75	89.20 0.94 -71.85	99.80 1.09 -81.87	95.92 0.98 -77.97	76.77 0.99 -58.95	70.62 0.92 -52.88	65.73 0.87 -47.70
COPENHAGEN_WT_PWR 323753	19.06 -0.19 -1.94	19.05 -0.19 -1.93	18.43 -0.20 -1.83	18.45 -0.17 -1.80	18.99 -0.10 -1.77	19.17 -0.02 -1.86	22.53 0.08 -2.00	25.48 0.27 -2.55	27.57 0.25 -2.32	22.81 0.04 -2.31	19.60 -0.05 -2.31	19.00 -0.18 -2.40	18.87 -0.29 -2.35	18.86 -0.29 -2.35	18.70 -0.34 -2.24	18.83 -0.32 -2.35	18.74 -0.25 -2.49	19.02 -0.11 -2.63	19.48 -0.05 -3.12	20.42 0.03 -3.55	20.41 0.07 -3.38	19.38 0.00 -2.56	19.11 0.00 -2.29	19.24 0.02 -2.07

CORNELL____ 23752	26.16 0.57 -8.28	26.12 0.57 -8.24	25.13 0.52 -7.81	25.11 0.60 -7.69	25.51 0.64 -7.54	25.91 0.66 -7.93	29.93 0.94 -8.54	34.52 0.97 -10.89	35.88 1.00 -9.88	31.07 0.76 -9.84	27.72 0.50 -9.87	27.44 0.39 -10.27	27.27 0.44 -10.03	27.20 0.40 -10.00	26.80 0.45 -9.54	27.32 0.49 -10.03	27.51 0.48 -10.53	28.23 0.58 -11.15	30.11 0.51 -13.19	32.47 0.61 -15.03	31.95 0.68 -14.31	28.23 0.59 -10.82	27.08 0.55 -9.70	26.55 0.64 -8.76
COXSACKIE____GT 23611	55.07 1.23 -36.54	54.86 1.19 -36.36	52.43 1.16 -34.47	51.91 1.16 -33.93	51.80 1.19 -33.28	53.46 1.16 -34.97	59.58 1.45 -37.68	72.34 1.63 -48.04	70.51 1.90 -43.61	65.35 1.45 -43.43	62.10 1.21 -43.54	63.25 1.16 -45.31	62.22 1.16 -44.26	62.07 1.14 -44.13	60.06 1.14 -42.12	62.19 1.13 -44.26	65.03 1.14 -47.39	67.77 1.09 -50.19	76.98 1.21 -59.35	85.83 1.36 -67.63	82.68 1.31 -64.41	66.71 1.19 -48.70	61.76 1.26 -43.68	57.81 1.25 -39.41
CPV_VALLEY____CC1 323721	50.15 1.06 -31.79	49.96 1.02 -31.64	47.75 0.96 -29.99	47.30 0.96 -29.52	47.28 1.00 -28.96	48.76 1.00 -30.43	54.54 1.31 -32.78	65.89 1.43 -41.80	64.66 1.72 -37.94	59.66 1.41 -37.78	56.44 1.21 -37.88	57.61 1.16 -39.67	56.49 1.18 -38.52	56.37 1.18 -38.39	54.64 1.19 -36.64	56.51 1.19 -38.52	58.85 1.14 -41.22	61.29 1.14 -43.65	69.10 1.07 -51.62	76.81 1.15 -58.82	74.13 1.15 -56.02	60.30 1.13 -42.36	55.89 1.08 -37.99	52.46 1.03 -34.27
CPV_VALLEY____CC2 323722	50.15 1.06 -31.79	49.96 1.02 -31.64	47.75 0.96 -29.99	47.30 0.96 -29.52	47.28 1.00 -28.96	48.76 1.00 -30.43	54.54 1.31 -32.78	65.89 1.43 -41.80	64.66 1.72 -37.94	59.66 1.41 -37.78	56.44 1.21 -37.88	57.61 1.16 -39.67	56.49 1.18 -38.52	56.37 1.18 -38.39	54.64 1.19 -36.64	56.51 1.19 -38.52	58.85 1.14 -41.22	61.29 1.14 -43.65	69.10 1.07 -51.62	76.81 1.15 -58.82	74.13 1.15 -56.02	60.30 1.13 -42.36	55.89 1.08 -37.99	52.46 1.03 -34.27
CRESCENT____HYD 24018	62.47 0.95 -44.21	62.23 0.92 -44.00	59.42 0.91 -41.71	58.82 0.94 -41.06	58.55 0.95 -40.27	60.70 1.06 -42.32	67.35 1.31 -45.59	82.14 1.34 -58.14	79.17 1.40 -52.77	74.19 1.17 -52.55	70.95 0.92 -52.69	71.66 0.87 -54.01	71.20 0.86 -53.54	71.06 0.86 -53.40	68.62 0.86 -50.97	71.19 0.84 -53.54	74.72 0.86 -57.37	78.16 0.91 -60.75	89.20 0.94 -71.85	99.80 1.09 -81.87	95.92 0.98 -77.97	76.77 0.99 -58.95	70.62 0.92 -52.88	65.73 0.87 -47.70
CRICKET____VALLEY_CC1 323756	53.74 1.06 -35.37	53.51 1.00 -35.20	51.16 0.99 -33.37	50.66 0.99 -32.85	50.57 1.02 -32.22	52.24 1.06 -33.86	58.23 1.31 -36.47	70.53 1.36 -46.51	68.79 1.58 -42.22	63.82 1.31 -42.04	60.61 1.11 -42.16	58.23 1.06 -40.39	60.65 1.08 -42.77	60.60 1.08 -42.72	58.67 1.09 -40.77	60.67 1.09 -42.77	63.42 1.04 -45.88	66.14 1.06 -48.58	74.89 1.02 -57.46	83.44 1.13 -65.47	80.40 1.09 -62.35	65.01 1.04 -47.15	60.08 0.98 -42.28	56.23 0.93 -38.15
CRICKET____VALLEY_CC2 323757	53.74 1.06 -35.37	53.51 1.00 -35.20	51.16 0.99 -33.37	50.66 0.99 -32.85	50.57 1.02 -32.22	52.24 1.06 -33.86	58.23 1.31 -36.47	70.53 1.36 -46.51	68.79 1.58 -42.22	63.82 1.31 -42.04	60.61 1.11 -42.16	58.23 1.06 -40.39	60.65 1.08 -42.77	60.60 1.08 -42.72	58.67 1.09 -40.77	60.67 1.09 -42.77	63.42 1.04 -45.88	66.14 1.06 -48.58	74.89 1.02 -57.46	83.44 1.13 -65.47	80.40 1.09 -62.35	65.01 1.04 -47.15	60.08 0.98 -42.28	56.23 0.93 -38.15
CRICKET____VALLEY_CC3 323758	53.74 1.06 -35.37	53.51 1.00 -35.20	51.16 0.99 -33.37	50.66 0.99 -32.85	50.57 1.02 -32.22	52.24 1.06 -33.86	58.23 1.31 -36.47	70.53 1.36 -46.51	68.79 1.58 -42.22	63.82 1.31 -42.04	60.61 1.11 -42.16	58.23 1.06 -40.39	60.65 1.08 -42.77	60.60 1.08 -42.72	58.67 1.09 -40.77	60.67 1.09 -42.77	63.42 1.04 -45.88	66.14 1.06 -48.58	74.89 1.02 -57.46	83.44 1.13 -65.47	80.40 1.09 -62.35	65.01 1.04 -47.15	60.08 0.98 -42.28	56.23 0.93 -38.15
CRUCIBLE_METL_DRP 24180	21.36 0.16 -3.90	21.35 0.16 -3.88	20.62 0.13 -3.68	20.64 0.20 -3.62	21.10 0.22 -3.55	21.28 0.22 -3.73	24.84 0.37 -4.02	28.15 0.36 -5.13	30.05 0.40 -4.66	25.47 0.37 -4.64	22.20 0.26 -4.60	21.72 0.15 -4.79	21.66 0.13 -4.73	21.65 0.13 -4.71	21.45 0.15 -4.50	21.70 0.17 -4.73	21.59 0.16 -4.93	21.92 0.20 -5.22	22.72 0.13 -6.17	24.06 0.19 -7.04	23.92 0.25 -6.70	22.07 0.19 -5.07	21.53 0.17 -4.54	21.50 0.24 -4.10
DAHOWA____HYDRO 323763	63.53 0.90 -45.32	63.26 0.85 -45.10	60.41 0.86 -42.75	59.80 0.89 -42.09	59.51 0.90 -41.28	61.74 1.04 -43.38	68.49 1.31 -46.73	83.64 1.38 -59.60	80.62 1.53 -54.09	75.54 1.21 -53.87	72.27 0.92 -54.01	73.13 0.89 -55.46	72.56 0.87 -54.89	72.40 0.86 -54.74	69.90 0.86 -52.24	72.49 0.81 -54.89	76.18 0.87 -58.81	79.68 0.91 -62.28	91.03 0.97 -73.65	101.87 1.11 -83.93	97.92 1.03 -79.93	78.26 1.01 -60.43	72.01 0.99 -54.20	66.98 0.93 -48.90
DANC____LFGE 323619	19.60 -0.10 -2.40	19.57 -0.12 -2.39	18.95 -0.12 -2.26	18.98 -0.07 -2.23	19.49 -0.02 -2.18	19.65 0.03 -2.29	23.07 0.14 -2.47	26.10 0.29 -3.15	28.14 0.28 -2.86	23.46 0.14 -2.85	20.22 0.03 -2.85	19.63 -0.12 -2.96	19.52 -0.18 -2.90	19.51 -0.18 -2.90	19.36 -0.20 -2.76	19.51 -0.20 -2.90	19.41 -0.16 -3.07	19.67 -0.08 -3.26	20.23 -0.03 -3.85	21.26 0.03 -4.39	21.22 0.09 -4.18	20.01 0.03 -3.16	19.69 0.03 -2.83	19.78 0.07 -2.56
DANSKAMMER____1 23586	53.29 1.37 -34.62	53.09 1.33 -34.45	50.72 1.26 -32.66	50.21 1.24 -32.15	50.16 1.30 -31.54	51.74 1.28 -33.14	57.79 1.64 -35.70	69.95 1.77 -45.53	68.44 2.12 -41.32	63.34 1.72 -41.15	60.06 1.46 -41.26	61.34 1.41 -43.15	60.16 1.41 -41.95	60.03 1.41 -41.82	58.15 1.45 -39.91	60.17 1.43 -41.95	62.80 1.40 -44.90	65.45 1.40 -47.55	74.01 1.36 -56.23	82.38 1.46 -64.08	79.46 1.47 -61.03	64.37 1.41 -46.14	59.55 1.35 -41.38	55.79 1.30 -37.33
DANSKAMMER____2 23589	53.29 1.37 -34.62	53.09 1.33 -34.45	50.72 1.26 -32.66	50.21 1.24 -32.15	50.16 1.30 -31.54	51.74 1.28 -33.14	57.79 1.64 -35.70	69.95 1.77 -45.53	68.44 2.12 -41.32	63.34 1.72 -41.15	60.06 1.46 -41.26	61.34 1.41 -43.15	60.16 1.41 -41.95	60.03 1.41 -41.82	58.15 1.45 -39.91	60.17 1.43 -41.95	62.80 1.40 -44.90	65.45 1.40 -47.55	74.01 1.36 -56.23	82.38 1.46 -64.08	79.46 1.47 -61.03	64.37 1.41 -46.14	59.55 1.35 -41.38	55.79 1.30 -37.33
DANSKAMMER____3 23590	53.29 1.37 -34.62	53.09 1.33 -34.45	50.72 1.26 -32.66	50.21 1.24 -32.15	50.16 1.30 -31.54	51.74 1.28 -33.14	57.79 1.64 -35.70	69.95 1.77 -45.53	68.44 2.12 -41.32	63.34 1.72 -41.15	60.06 1.46 -41.26	61.34 1.41 -43.15	60.16 1.41 -41.95	60.03 1.41 -41.82	58.15 1.45 -39.91	60.17 1.43 -41.95	62.80 1.40 -44.90	65.45 1.40 -47.55	74.01 1.36 -56.23	82.38 1.46 -64.08	79.46 1.47 -61.03	64.37 1.41 -46.14	59.55 1.35 -41.38	55.79 1.30 -37.33
DANSKAMMER____4 23591	53.29 1.37 -34.62	53.09 1.33 -34.45	50.72 1.26 -32.66	50.21 1.24 -32.15	50.16 1.30 -31.54	51.74 1.28 -33.14	57.79 1.64 -35.70	69.95 1.77 -45.53	68.44 2.12 -41.32	63.34 1.72 -41.15	60.06 1.46 -41.26	61.34 1.41 -43.15	60.16 1.41 -41.95	60.03 1.41 -41.82	58.15 1.45 -39.91	60.17 1.43 -41.95	62.80 1.40 -44.90	65.45 1.40 -47.55	74.01 1.36 -56.23	82.38 1.46 -64.08	79.46 1.47 -61.03	64.37 1.41 -46.14	59.55 1.35 -41.38	55.79 1.30 -37.33

DANSKAMMER___DIESEL 23592	53.29 1.37 -34.62	53.09 1.33 -34.45	50.72 1.26 -32.66	50.21 1.24 -32.15	50.16 1.30 -31.54	51.74 1.28 -33.14	57.79 1.64 -35.70	69.95 1.77 -45.53	68.44 2.12 -41.32	63.34 1.72 -41.15	60.06 1.46 -41.26	61.34 1.41 -43.15	60.16 1.41 -41.95	60.03 1.41 -41.82	58.15 1.45 -39.91	60.17 1.43 -41.95	62.80 1.40 -44.90	65.45 1.40 -47.55	74.01 1.36 -56.23	82.38 1.46 -64.08	79.46 1.47 -61.03	64.37 1.41 -46.14	59.55 1.35 -41.38	55.79 1.30 -37.33
DASHVILLE___HYD 23610	53.32 1.16 -34.85	53.12 1.12 -34.68	50.76 1.08 -32.88	50.24 1.06 -32.36	50.18 1.11 -31.75	51.76 1.07 -33.36	57.74 1.35 -35.94	69.80 1.31 -45.83	68.20 1.60 -41.60	63.18 1.29 -41.43	59.99 1.11 -41.54	61.22 1.06 -43.38	60.09 1.06 -42.23	59.96 1.06 -42.10	58.05 1.08 -40.18	60.10 1.08 -42.23	62.74 1.04 -45.20	65.49 1.12 -47.87	74.04 1.02 -56.61	82.46 1.11 -64.51	79.51 1.12 -61.44	64.42 1.14 -46.45	59.54 1.06 -41.66	55.75 1.01 -37.59
DELAWARE___LFGE 323621	32.84 0.76 -14.77	32.79 0.78 -14.70	31.46 0.72 -13.93	31.26 0.72 -13.72	31.56 0.78 -13.45	32.22 0.76 -14.14	36.70 1.02 -15.23	43.19 1.11 -19.42	43.90 1.27 -17.63	39.07 1.04 -17.56	35.81 0.87 -17.61	35.91 0.81 -18.32	35.50 0.81 -17.89	35.45 0.81 -17.84	34.63 0.81 -17.03	35.50 0.81 -17.89	36.34 0.78 -19.07	37.47 0.78 -20.20	41.04 0.74 -23.88	44.84 0.79 -27.22	43.71 0.83 -25.92	37.21 0.79 -19.60	35.17 0.77 -17.58	33.82 0.81 -15.86
DOGLEVILLE___HYD 23807	17.72 0.41 0.00	17.74 0.43 0.00	17.22 0.42 0.00	17.27 0.45 0.00	17.84 0.52 0.00	17.86 0.54 0.00	21.15 0.70 0.00	23.32 0.66 0.00	25.73 0.73 0.00	21.06 0.59 0.00	17.76 0.42 0.00	17.12 0.34 0.00	17.12 0.32 0.00	17.07 0.27 0.00	17.05 0.25 0.00	17.05 0.25 0.00	16.75 0.25 0.00	16.81 0.31 0.00	16.71 0.30 0.00	17.17 0.34 0.00	17.28 0.32 0.00	17.16 0.34 0.00	17.14 0.32 0.00	17.55 0.39 0.00
DUNKIRK___1 23563	24.89 0.73 -6.85	24.87 0.74 -6.82	23.87 0.60 -6.47	23.87 0.69 -6.36	24.36 0.80 -6.24	24.68 0.80 -6.56	28.91 1.39 -7.07	32.33 0.66 -9.01	33.65 0.47 -8.18	29.17 0.55 -8.15	25.82 0.29 -8.19	25.30 0.00 -8.52	25.12 0.02 -8.30	25.03 -0.05 -8.28	24.70 0.00 -7.90	24.97 -0.14 -8.30	24.68 -0.03 -8.22	24.99 -0.21 -8.70	26.57 -0.13 -10.29	28.68 0.12 -11.73	28.44 0.31 -11.17	25.40 0.13 -8.45	24.58 0.19 -7.57	24.78 0.79 -6.83
DUNKIRK___2 23564	24.89 0.73 -6.85	24.87 0.74 -6.82	23.87 0.60 -6.47	23.87 0.69 -6.36	24.36 0.80 -6.24	24.68 0.80 -6.56	28.91 1.39 -7.07	32.33 0.66 -9.01	33.65 0.47 -8.18	29.17 0.55 -8.15	25.82 0.29 -8.19	25.30 0.00 -8.52	25.12 0.02 -8.30	25.03 -0.05 -8.28	24.70 0.00 -7.90	24.97 -0.14 -8.30	24.68 -0.03 -8.22	24.99 -0.21 -8.70	26.57 -0.13 -10.29	28.68 0.12 -11.73	28.44 0.31 -11.17	25.40 0.13 -8.45	24.58 0.19 -7.57	24.78 0.79 -6.83
DUNKIRK___3 23565	24.72 0.73 -6.68	24.72 0.76 -6.65	23.73 0.62 -6.30	23.73 0.71 -6.21	24.21 0.80 -6.09	24.52 0.80 -6.40	28.73 1.39 -6.89	32.10 0.66 -8.79	33.45 0.47 -7.98	28.94 0.53 -7.94	25.62 0.29 -7.98	25.11 0.02 -8.31	24.93 0.03 -8.10	24.84 -0.03 -8.07	24.52 0.02 -7.70	24.80 -0.10 -8.10	24.46 -0.02 -7.98	24.77 -0.18 -8.45	26.30 -0.11 -10.00	28.36 0.13 -11.39	28.11 0.31 -10.85	25.16 0.13 -8.20	24.36 0.19 -7.36	24.57 0.77 -6.64
DUNKIRK___4 23566	24.72 0.73 -6.68	24.72 0.76 -6.65	23.73 0.62 -6.30	23.73 0.71 -6.21	24.21 0.80 -6.09	24.52 0.80 -6.40	28.73 1.39 -6.89	32.10 0.66 -8.79	33.45 0.47 -7.98	28.94 0.53 -7.94	25.62 0.29 -7.98	25.11 0.02 -8.31	24.93 0.03 -8.10	24.84 -0.03 -8.07	24.52 0.02 -7.70	24.80 -0.10 -8.10	24.46 -0.02 -7.98	24.77 -0.18 -8.45	26.30 -0.11 -10.00	28.36 0.13 -11.39	28.11 0.31 -10.85	25.16 0.13 -8.20	24.36 0.19 -7.36	24.57 0.77 -6.64
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.95 1.39 -34.25	52.73 1.33 -34.09	50.36 1.24 -32.31	49.86 1.23 -31.81	49.83 1.30 -31.20	51.43 1.32 -32.79	57.49 1.72 -35.32	69.60 1.90 -45.04	68.18 2.30 -40.88	63.08 1.90 -40.71	59.81 1.65 -40.82	61.14 1.58 -42.78	59.90 1.60 -41.50	59.77 1.60 -41.37	57.90 1.61 -39.48	59.92 1.61 -41.50	62.46 1.53 -44.42	65.04 1.50 -47.04	73.51 1.46 -55.64	81.77 1.53 -63.40	78.90 1.56 -60.38	63.95 1.48 -45.65	59.19 1.43 -40.94	55.45 1.36 -36.94
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.49 1.26 -33.92	52.30 1.23 -33.76	49.96 1.16 -32.00	49.46 1.14 -31.50	49.42 1.19 -30.90	50.99 1.19 -32.47	56.96 1.53 -34.98	68.92 1.65 -44.61	67.49 2.00 -40.49	62.43 1.64 -40.32	59.16 1.39 -40.43	60.41 1.33 -42.30	59.25 1.34 -41.10	59.12 1.34 -40.97	57.26 1.36 -39.10	59.26 1.36 -41.10	61.81 1.32 -43.99	64.41 1.32 -46.59	72.77 1.26 -55.10	80.97 1.35 -62.78	78.13 1.37 -59.79	63.34 1.31 -45.21	58.63 1.26 -40.55	54.96 1.22 -36.58
E179THST_138_KV_TB4_REV_LBMP_J 345001	53.09 1.52 -34.25	52.83 1.44 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.38 1.26 -32.79	57.40 1.64 -35.31	69.51 1.81 -45.04	68.13 2.25 -40.87	63.06 1.88 -40.71	59.84 1.68 -40.82	61.17 1.61 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.02 1.49 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.88 1.41 -45.64	59.17 1.41 -40.94	55.43 1.34 -36.94
EAST HAMPTON___GT 23717	53.33 1.77 -34.26	53.42 2.02 -34.09	51.00 1.88 -32.32	50.47 1.83 -31.81	50.49 1.96 -31.21	51.76 1.65 -32.79	58.07 2.29 -35.33	70.67 2.97 -45.05	73.12 3.45 -44.67	63.87 2.68 -40.72	71.08 2.27 -51.46	72.29 2.13 -53.37	60.38 2.07 -41.51	65.47 2.08 -46.58	69.05 2.13 -50.11	69.88 2.20 -50.88	71.07 2.16 -52.41	72.32 2.05 -53.77	75.60 2.25 -56.94	84.42 2.41 -65.18	97.57 2.39 -78.22	75.39 2.15 -56.41	70.70 2.35 -51.53	63.79 2.30 -44.33
EAST RIVER___6 23660	52.98 1.42 -34.25	52.75 1.35 -34.09	50.37 1.26 -32.31	49.87 1.24 -31.81	49.83 1.30 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.97 1.80 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
EAST RIVER___7 23524	52.98 1.42 -34.25	52.75 1.35 -34.09	50.37 1.26 -32.31	49.87 1.24 -31.81	49.83 1.30 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.97 1.80 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.89 1.37 -34.21	52.67 1.31 -34.05	50.30 1.23 -32.27	49.80 1.21 -31.77	49.77 1.28 -31.16	51.37 1.30 -32.75	57.43 1.70 -35.28	69.51 1.86 -44.99	68.08 2.25 -40.83	62.99 1.86 -40.67	59.73 1.61 -40.77	61.06 1.54 -42.73	59.82 1.56 -41.45	59.67 1.54 -41.32	57.80 1.56 -39.44	59.82 1.56 -41.45	62.37 1.50 -44.37	64.95 1.47 -46.99	73.41 1.43 -55.57	81.66 1.50 -63.32	78.77 1.51 -60.30	63.86 1.45 -45.60	59.11 1.40 -40.89	55.37 1.32 -36.89

EAST_HAMPTON___DIESEL 23722	53.33 1.77 -34.26	53.44 2.04 -34.09	51.00 1.88 -32.32	50.48 1.85 -31.81	50.50 1.97 -31.21	51.76 1.65 -32.79	58.07 2.29 -35.33	70.67 2.97 -45.05	73.12 3.45 -44.67	63.87 2.68 -40.72	71.08 2.27 -51.46	72.29 2.13 -53.37	60.38 2.07 -41.51	65.47 2.08 -46.58	69.05 2.13 -50.11	69.88 2.20 -50.88	71.07 2.16 -52.41	72.32 2.05 -53.77	75.60 2.25 -56.94	84.42 2.41 -65.18	97.57 2.39 -78.22	75.41 2.17 -56.41	70.70 2.35 -51.53	63.79 2.30 -44.33
EAST_RIVER___1 323558	53.01 1.45 -34.25	52.78 1.39 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.48 1.37 -32.79	57.59 1.82 -35.32	69.72 2.02 -45.04	68.33 2.45 -40.88	63.23 2.05 -40.71	59.97 1.80 -40.82	61.28 1.71 -42.78	60.05 1.75 -41.50	59.90 1.73 -41.37	58.05 1.76 -39.48	60.05 1.75 -41.50	62.59 1.67 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.83 1.60 -63.40	78.98 1.64 -60.38	64.02 1.55 -45.65	59.28 1.51 -40.94	55.52 1.42 -36.94
EAST_RIVER___2 323559	52.98 1.42 -34.25	52.75 1.35 -34.09	50.37 1.26 -32.31	49.87 1.24 -31.81	49.83 1.30 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.21 2.03 -40.71	59.97 1.80 -40.82	61.28 1.71 -42.78	60.03 1.73 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
EAST___DELAWARE_HYD 23607	51.17 1.40 -32.46	50.98 1.37 -32.31	48.72 1.29 -30.62	48.24 1.28 -30.15	48.23 1.33 -29.57	49.70 1.30 -31.07	55.62 1.70 -33.48	67.05 1.70 -42.69	65.75 2.00 -38.75	60.69 1.64 -38.59	57.40 1.37 -38.69	58.53 1.29 -40.45	57.45 1.31 -39.33	57.29 1.28 -39.21	55.53 1.31 -37.42	57.43 1.29 -39.33	59.88 1.29 -42.10	62.48 1.40 -44.58	70.43 1.30 -52.72	78.31 1.40 -60.08	75.60 1.42 -57.22	61.54 1.46 -43.26	56.91 1.30 -38.80	53.43 1.27 -35.00
ELEC_TRO_TEK 24086	53.11 1.54 -34.26	52.96 1.56 -34.09	50.56 1.45 -32.32	50.06 1.43 -31.81	50.05 1.52 -31.21	51.59 1.47 -32.79	57.76 1.98 -35.33	70.13 2.43 -45.05	72.55 2.87 -44.67	63.52 2.33 -40.72	70.80 1.99 -51.46	72.05 1.90 -53.37	60.24 1.93 -41.51	65.32 1.93 -46.58	68.86 1.95 -50.11	69.63 1.95 -50.88	70.78 1.86 -52.41	72.05 1.78 -53.77	75.14 1.79 -56.94	83.88 1.87 -65.18	97.07 1.88 -78.22	75.00 1.77 -56.41	70.17 1.82 -51.53	63.27 1.78 -44.33
ELLENBURG_WT_PWR 323604	16.82 -0.48 0.00	16.84 -0.47 0.00	16.26 -0.54 0.00	16.25 -0.57 0.00	16.81 -0.52 0.00	16.84 -0.48 0.00	19.59 -0.86 0.00	21.96 -0.70 0.00	24.15 -0.85 0.00	19.59 -0.88 0.00	16.56 -0.78 0.00	16.01 -0.77 0.00	15.83 -0.97 0.00	15.83 -0.97 0.00	15.79 -1.01 0.00	15.76 -1.04 0.00	15.44 -1.06 0.00	15.43 -1.07 0.00	15.36 -1.05 0.00	15.71 -1.13 0.00	15.81 -1.15 0.00	15.73 -1.09 0.00	15.83 -0.99 0.00	16.16 -1.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.15 0.48 -6.36	24.14 0.50 -6.33	23.17 0.37 -6.00	23.18 0.45 -5.90	23.63 0.52 -5.79	23.95 0.54 -6.09	28.09 1.08 -6.56	31.29 0.27 -8.36	32.59 0.00 -7.59	28.19 0.16 -7.56	24.93 0.00 -7.59	24.43 -0.25 -7.90	24.27 -0.24 -7.70	24.21 -0.27 -7.68	23.91 -0.22 -7.33	24.17 -0.34 -7.70	23.74 -0.26 -7.50	24.03 -0.41 -7.95	25.47 -0.35 -9.40	27.43 -0.12 -10.71	27.21 0.05 -10.20	24.41 -0.12 -7.71	23.67 -0.07 -6.92	23.93 0.53 -6.24
EMPIRE_CC_1 323656	59.26 0.90 -41.06	59.03 0.87 -40.86	56.39 0.86 -38.73	55.84 0.89 -38.13	55.61 0.88 -37.40	57.58 0.95 -39.30	63.89 1.10 -42.34	77.76 1.11 -53.99	75.15 1.15 -49.00	70.29 1.02 -48.80	67.09 0.82 -48.93	67.02 0.77 -49.46	67.28 0.77 -49.71	67.17 0.77 -49.59	64.92 0.79 -47.33	67.28 0.77 -49.71	70.54 0.78 -53.27	73.69 0.78 -56.41	83.93 0.80 -66.71	93.78 0.93 -76.02	90.16 0.80 -72.40	72.40 0.84 -54.74	66.69 0.77 -49.10	62.17 0.72 -44.29
EMPIRE_CC_2 323658	59.26 0.90 -41.06	59.03 0.87 -40.86	56.39 0.86 -38.73	55.84 0.89 -38.13	55.61 0.88 -37.40	57.58 0.95 -39.30	63.89 1.10 -42.34	77.76 1.11 -53.99	75.15 1.15 -49.00	70.29 1.02 -48.80	67.09 0.82 -48.93	67.02 0.77 -49.46	67.28 0.77 -49.71	67.17 0.77 -49.59	64.92 0.79 -47.33	67.28 0.77 -49.71	70.54 0.78 -53.27	73.69 0.78 -56.41	83.93 0.80 -66.71	93.78 0.93 -76.02	90.16 0.80 -72.40	72.40 0.84 -54.74	66.69 0.77 -49.10	62.17 0.72 -44.29
ERIE_WT_PWR 323693	24.37 0.64 -6.42	24.38 0.67 -6.39	23.38 0.52 -6.06	23.39 0.60 -5.97	23.85 0.67 -5.85	24.17 0.69 -6.15	28.38 1.31 -6.62	31.63 0.52 -8.45	32.97 0.30 -7.67	28.51 0.41 -7.64	25.22 0.19 -7.69	24.70 -0.08 -8.00	24.53 -0.05 -7.78	24.46 -0.10 -7.76	24.14 -0.07 -7.41	24.40 -0.18 -7.78	24.02 -0.10 -7.62	24.30 -0.26 -8.06	25.76 -0.20 -9.54	27.74 0.03 -10.87	27.53 0.22 -10.35	24.70 0.05 -7.83	23.92 0.08 -7.02	24.16 0.67 -6.33
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.07 0.54 -8.22	26.03 0.54 -8.18	25.05 0.49 -7.76	25.01 0.55 -7.63	25.42 0.61 -7.49	25.82 0.62 -7.87	29.83 0.90 -8.48	34.40 0.93 -10.81	35.74 0.93 -9.81	30.95 0.72 -9.77	27.61 0.47 -9.80	27.36 0.37 -10.20	27.16 0.40 -9.96	27.12 0.39 -9.93	26.70 0.42 -9.48	27.22 0.45 -9.96	27.41 0.45 -10.47	28.11 0.53 -11.09	30.00 0.48 -13.11	32.35 0.57 -14.94	31.83 0.64 -14.23	28.13 0.55 -10.76	26.99 0.52 -9.65	26.48 0.62 -8.70
E_CANADA_CAP_HY 24051	72.83 0.83 -54.69	72.55 0.81 -54.43	69.17 0.77 -51.59	68.40 0.79 -50.79	67.97 0.83 -49.82	70.63 0.95 -52.35	77.97 1.12 -56.40	95.84 1.27 -71.92	91.67 1.40 -65.27	86.54 1.06 -65.01	83.37 0.85 -65.18	84.86 0.74 -67.34	83.73 0.69 -66.24	83.56 0.71 -66.06	80.50 0.65 -63.04	83.70 0.65 -66.24	88.17 0.71 -70.96	92.37 0.73 -75.15	106.11 0.82 -88.87	119.03 0.93 -101.27	114.34 0.93 -96.45	90.75 1.01 -72.92	83.25 1.03 -65.40	77.10 0.94 -59.00
E_CANADA_MHWK_HY 24050	17.72 0.41 0.00	17.74 0.43 0.00	17.22 0.42 0.00	17.27 0.45 0.00	17.84 0.52 0.00	17.86 0.54 0.00	21.15 0.70 0.00	23.32 0.66 0.00	25.73 0.73 0.00	21.06 0.59 0.00	17.76 0.42 0.00	17.12 0.34 0.00	17.12 0.32 0.00	17.07 0.27 0.00	17.05 0.25 0.00	17.05 0.25 0.00	16.75 0.25 0.00	16.81 0.31 0.00	16.71 0.30 0.00	17.17 0.34 0.00	17.28 0.32 0.00	17.16 0.34 0.00	17.14 0.32 0.00	17.55 0.39 0.00
E_FISHKILL___LBMP 23776	53.17 1.21 -34.65	52.97 1.18 -34.48	50.59 1.11 -32.68	50.09 1.09 -32.17	50.03 1.14 -31.56	51.65 1.16 -33.16	57.67 1.49 -35.73	69.83 1.61 -45.56	68.28 1.93 -41.35	63.25 1.60 -41.18	60.02 1.39 -41.29	61.37 1.31 -43.28	60.11 1.33 -41.98	59.98 1.33 -41.85	58.09 1.34 -39.94	60.13 1.34 -41.98	62.72 1.29 -44.94	65.36 1.27 -47.59	73.92 1.23 -56.28	82.28 1.31 -64.13	79.34 1.31 -61.07	64.26 1.26 -46.18	59.45 1.21 -41.42	55.69 1.17 -37.37
FALCON___SEABRD_CC1 323796	17.00 -0.31 0.00	17.03 -0.28 0.00	16.43 -0.37 0.00	16.40 -0.42 0.00	17.01 -0.31 0.00	17.03 -0.29 0.00	19.86 -0.59 0.00	22.25 -0.41 0.00	24.43 -0.57 0.00	19.81 -0.66 0.00	16.75 -0.59 0.00	16.18 -0.60 0.00	16.01 -0.79 0.00	16.01 -0.79 0.00	15.96 -0.84 0.00	15.93 -0.87 0.00	15.59 -0.91 0.00	15.58 -0.92 0.00	15.54 -0.87 0.00	15.89 -0.94 0.00	15.99 -0.97 0.00	15.89 -0.93 0.00	16.00 -0.82 0.00	16.35 -0.81 0.00

FALCON___SEABRD_CC2 323797	17.00 -0.31 0.00	17.03 -0.28 0.00	16.43 -0.37 0.00	16.40 -0.42 0.00	17.01 -0.31 0.00	17.03 -0.29 0.00	19.86 -0.59 0.00	22.25 -0.41 0.00	24.43 -0.57 0.00	19.81 -0.66 0.00	16.75 -0.59 0.00	16.18 -0.60 0.00	16.01 -0.79 0.00	16.01 -0.79 0.00	15.96 -0.84 0.00	15.93 -0.87 0.00	15.59 -0.91 0.00	15.58 -0.92 0.00	15.54 -0.87 0.00	15.89 -0.94 0.00	15.99 -0.97 0.00	15.89 -0.93 0.00	16.00 -0.82 0.00	16.35 -0.81 0.00
FAR ROCKAWAY___4 23548	53.38 1.82 -34.26	53.23 1.83 -34.09	50.81 1.70 -32.32	50.31 1.68 -31.81	50.31 1.78 -31.21	51.85 1.73 -32.79	58.09 2.31 -35.33	70.42 2.72 -45.05	72.87 3.20 -44.67	63.83 2.64 -40.72	71.06 2.25 -51.46	72.31 2.15 -53.37	60.48 2.17 -41.51	65.54 2.15 -46.58	69.09 2.18 -50.11	69.86 2.18 -50.88	71.03 2.11 -52.41	72.35 2.08 -53.77	75.39 2.03 -56.94	84.14 2.12 -65.18	97.34 2.15 -78.22	75.32 2.09 -56.41	70.42 2.07 -51.53	63.50 2.01 -44.33
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.12 1.56 -34.25	52.88 1.49 -34.09	50.49 1.38 -32.31	49.99 1.36 -31.81	49.95 1.42 -31.20	51.58 1.47 -32.79	57.71 1.94 -35.32	69.88 2.18 -45.04	68.53 2.65 -40.88	63.37 2.19 -40.71	60.11 1.94 -40.82	61.41 1.85 -42.78	60.19 1.88 -41.50	60.04 1.86 -41.37	58.17 1.88 -39.48	60.19 1.88 -41.50	62.70 1.78 -44.42	65.27 1.73 -47.04	73.72 1.68 -55.63	81.97 1.73 -63.40	79.12 1.78 -60.38	64.15 1.68 -45.65	59.39 1.63 -40.94	55.64 1.54 -36.94
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.03 1.47 -34.25	52.80 1.40 -34.09	50.41 1.29 -32.31	49.91 1.28 -31.81	49.88 1.35 -31.20	51.50 1.39 -32.79	57.59 1.82 -35.32	69.74 2.04 -45.04	68.36 2.48 -40.88	63.25 2.07 -40.71	59.98 1.82 -40.82	61.29 1.73 -42.78	60.05 1.75 -41.50	59.92 1.75 -41.37	58.05 1.76 -39.48	60.07 1.76 -41.50	62.59 1.67 -44.42	65.16 1.62 -47.04	73.61 1.56 -55.63	81.85 1.62 -63.40	79.00 1.66 -60.38	64.03 1.56 -45.65	59.29 1.53 -40.94	55.54 1.44 -36.94
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.01 1.45 -34.25	52.78 1.39 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.48 1.37 -32.79	57.59 1.82 -35.32	69.72 2.02 -45.04	68.33 2.45 -40.88	63.23 2.05 -40.71	59.97 1.80 -40.82	61.28 1.71 -42.78	60.05 1.75 -41.50	59.90 1.73 -41.37	58.03 1.75 -39.48	60.05 1.75 -41.50	62.59 1.67 -44.42	65.14 1.60 -47.04	73.59 1.54 -55.63	81.83 1.60 -63.40	78.98 1.64 -60.38	64.02 1.55 -45.65	59.28 1.51 -40.94	55.52 1.42 -36.94
FARRAGUT___LBMP 323566	53.14 1.57 -34.25	52.88 1.49 -34.09	50.51 1.39 -32.31	49.99 1.36 -31.81	49.96 1.44 -31.20	51.58 1.47 -32.79	57.73 1.96 -35.32	69.90 2.20 -45.04	68.53 2.65 -40.88	63.39 2.21 -40.71	60.11 1.94 -40.82	61.41 1.85 -42.78	60.19 1.88 -41.50	60.04 1.86 -41.37	58.18 1.90 -39.48	60.19 1.88 -41.50	62.72 1.80 -44.42	65.27 1.73 -47.04	73.74 1.69 -55.63	81.97 1.73 -63.40	79.12 1.78 -60.38	64.15 1.68 -45.65	59.41 1.65 -40.94	55.64 1.54 -36.94
FENNER___WINDPWR 24204	21.92 0.35 -4.27	21.88 0.33 -4.25	21.13 0.30 -4.02	21.12 0.34 -3.96	21.59 0.38 -3.89	21.82 0.42 -4.08	25.44 0.59 -4.40	28.90 0.63 -5.61	30.77 0.68 -5.09	26.11 0.57 -5.07	22.82 0.40 -5.08	22.37 0.30 -5.29	22.25 0.29 -5.17	22.24 0.29 -5.15	22.02 0.30 -4.92	22.29 0.32 -5.17	22.27 0.31 -5.46	22.68 0.40 -5.78	23.58 0.33 -6.84	25.01 0.39 -7.79	24.80 0.42 -7.42	22.82 0.39 -5.61	22.19 0.34 -5.03	22.07 0.38 -4.54
FIBERTEK___ENERGY 23856	21.36 0.16 -3.90	21.35 0.16 -3.88	20.62 0.13 -3.68	20.64 0.20 -3.62	21.10 0.22 -3.55	21.28 0.22 -3.73	24.84 0.37 -4.02	28.15 0.36 -5.13	30.05 0.40 -4.66	25.47 0.37 -4.64	22.20 0.26 -4.60	21.72 0.15 -4.79	21.66 0.13 -4.73	21.65 0.13 -4.71	21.45 0.15 -4.50	21.70 0.17 -4.73	21.59 0.16 -4.93	21.92 0.20 -5.22	22.72 0.13 -6.17	24.06 0.19 -7.04	23.92 0.25 -6.70	22.07 0.19 -5.07	21.53 0.17 -4.54	21.50 0.24 -4.10
FITZPATRICK___ 23598	19.35 -0.29 -2.33	19.33 -0.29 -2.32	18.70 -0.30 -2.20	18.70 -0.29 -2.17	19.17 -0.28 -2.12	19.28 -0.28 -2.23	22.61 -0.24 -2.40	25.39 -0.34 -3.07	27.38 -0.40 -2.78	22.93 -0.31 -2.77	19.83 -0.29 -2.78	19.34 -0.34 -2.89	19.29 -0.34 -2.83	19.28 -0.34 -2.82	19.17 -0.32 -2.69	19.31 -0.32 -2.83	19.22 -0.33 -3.05	19.41 -0.31 -3.23	19.91 -0.33 -3.82	20.89 -0.30 -4.35	20.83 -0.27 -4.15	19.65 -0.30 -3.13	19.33 -0.30 -2.81	19.45 -0.24 -2.54
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.38 1.40 -34.67	53.16 1.35 -34.50	50.78 1.28 -32.71	50.29 1.28 -32.20	50.22 1.32 -31.58	51.81 1.30 -33.19	57.88 1.68 -35.75	70.04 1.79 -45.59	68.55 2.17 -41.38	63.44 1.76 -41.21	60.13 1.47 -41.32	61.42 1.43 -43.21	60.23 1.43 -42.01	60.10 1.43 -41.88	58.23 1.46 -39.96	60.25 1.45 -42.01	62.88 1.42 -44.96	65.54 1.42 -47.62	74.11 1.38 -56.31	82.49 1.48 -64.17	79.57 1.49 -61.11	64.46 1.43 -46.21	59.64 1.38 -41.44	55.87 1.32 -37.39
FORT ORANGE___ 23900	59.93 1.04 -41.58	59.71 1.02 -41.38	57.02 0.99 -39.23	56.44 1.01 -38.61	56.24 1.04 -37.88	58.20 1.07 -39.80	64.64 1.31 -42.88	78.70 1.36 -54.68	76.13 1.50 -49.63	71.14 1.25 -49.43	67.92 1.02 -49.56	68.78 0.97 -51.02	68.14 0.97 -50.36	68.00 0.97 -50.22	65.72 0.99 -47.93	68.12 0.96 -50.36	71.42 0.97 -53.95	74.62 0.99 -57.13	84.98 1.00 -67.57	94.92 1.09 -76.99	91.32 1.03 -73.32	73.30 1.04 -55.44	67.55 1.01 -49.72	62.99 0.98 -44.86
FORT_DRUM_COGEN 23780	18.86 -0.21 -1.76	18.84 -0.23 -1.75	18.23 -0.24 -1.66	18.26 -0.20 -1.64	18.81 -0.12 -1.61	18.98 -0.03 -1.69	22.31 0.04 -1.82	25.25 0.27 -2.32	27.30 0.20 -2.10	22.58 0.02 -2.09	19.35 -0.09 -2.09	18.74 -0.22 -2.18	18.62 -0.32 -2.13	18.61 -0.32 -2.13	18.46 -0.37 -2.03	18.58 -0.35 -2.13	18.48 -0.28 -2.26	18.76 -0.13 -2.39	19.18 -0.07 -2.83	20.07 0.02 -3.22	20.08 0.05 -3.07	19.12 -0.02 -2.32	18.88 -0.02 -2.08	19.02 -0.02 -1.88
FPL_FAR_ROCK_GT1 24212	53.38 1.82 -34.26	53.23 1.83 -34.09	50.81 1.70 -32.32	50.31 1.68 -31.81	50.31 1.78 -31.21	51.85 1.73 -32.79	58.09 2.31 -35.33	70.42 2.72 -45.05	72.87 3.20 -44.67	63.83 2.64 -40.72	71.06 2.25 -51.46	72.31 2.15 -53.37	60.48 2.17 -41.51	65.54 2.15 -46.58	69.09 2.18 -50.11	69.86 2.18 -50.88	71.03 2.11 -52.41	72.35 2.08 -53.77	75.39 2.03 -56.94	84.14 2.12 -65.18	97.34 2.15 -78.22	75.32 2.09 -56.41	70.42 2.07 -51.53	63.50 2.01 -44.33
FPL_FAR_ROCK_GT2 23815	53.38 1.82 -34.26	53.23 1.83 -34.09	50.81 1.70 -32.32	50.31 1.68 -31.81	50.31 1.78 -31.21	51.85 1.73 -32.79	58.09 2.31 -35.33	70.42 2.72 -45.05	72.87 3.20 -44.67	63.83 2.64 -40.72	71.06 2.25 -51.46	72.31 2.15 -53.37	60.48 2.17 -41.51	65.54 2.15 -46.58	69.09 2.18 -50.11	69.86 2.18 -50.88	71.03 2.11 -52.41	72.35 2.08 -53.77	75.39 2.03 -56.94	84.14 2.12 -65.18	97.34 2.15 -78.22	75.32 2.09 -56.41	70.42 2.07 -51.53	63.50 2.01 -44.33
FRANKLIN_FALL_HYD 24054	16.77 -0.54 0.00	16.81 -0.50 0.00	16.25 -0.55 0.00	16.21 -0.60 0.00	16.84 -0.48 0.00	16.86 -0.47 0.00	19.71 -0.74 0.00	22.02 -0.63 0.00	24.18 -0.82 0.00	19.67 -0.80 0.00	16.65 -0.69 0.00	16.15 -0.64 0.00	16.03 -0.77 0.00	16.05 -0.76 0.00	16.00 -0.81 0.00	15.95 -0.86 0.00	15.61 -0.89 0.00	15.64 -0.86 0.00	15.63 -0.79 0.00	15.96 -0.88 0.00	16.06 -0.90 0.00	15.96 -0.86 0.00	16.01 -0.81 0.00	16.30 -0.86 0.00

FREEPORT_EQUS_GT1 23764	53.23 1.66 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.18 1.55 -31.81	50.19 1.66 -31.21	51.71 1.59 -32.79	57.92 2.15 -35.33	70.31 2.60 -45.05	72.75 3.07 -44.67	63.68 2.50 -40.72	70.94 2.13 -51.46	72.17 2.01 -53.37	60.36 2.05 -41.51	65.42 2.03 -46.58	68.98 2.07 -50.11	69.74 2.07 -50.88	70.91 2.00 -52.41	72.18 1.91 -53.77	75.29 1.94 -56.94	84.03 2.02 -65.18	97.23 2.05 -78.22	75.15 1.92 -56.41	70.33 1.98 -51.53	63.43 1.94 -44.33
FREEPORT___CT2 23818	53.23 1.66 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.18 1.55 -31.81	50.19 1.66 -31.21	51.71 1.59 -32.79	57.92 2.15 -35.33	70.31 2.60 -45.05	72.75 3.07 -44.67	63.68 2.50 -40.72	70.94 2.13 -51.46	72.17 2.01 -53.37	60.36 2.05 -41.51	65.42 2.03 -46.58	68.98 2.07 -50.11	69.74 2.07 -50.88	70.91 2.00 -52.41	72.18 1.91 -53.77	75.29 1.94 -56.94	84.03 2.02 -65.18	97.23 2.05 -78.22	75.15 1.92 -56.41	70.33 1.98 -51.53	63.43 1.94 -44.33
FULTON COGEN____ 23766	20.65 0.14 -3.21	20.64 0.14 -3.19	19.94 0.12 -3.02	20.00 0.20 -2.98	20.47 0.22 -2.92	20.62 0.22 -3.07	24.14 0.39 -3.31	27.28 0.41 -4.22	29.28 0.45 -3.83	24.66 0.39 -3.81	21.41 0.26 -3.81	20.85 0.10 -3.96	20.77 0.08 -3.88	20.78 0.10 -3.87	20.60 0.10 -3.70	20.85 0.17 -3.88	20.72 0.12 -4.11	21.06 0.21 -4.35	21.72 0.16 -5.15	22.94 0.24 -5.86	22.83 0.29 -5.58	21.28 0.24 -4.22	20.79 0.19 -3.79	20.81 0.24 -3.42
FULTON___LFGE 323630	70.63 1.71 -51.61	70.33 1.66 -51.36	67.07 1.58 -48.68	66.36 1.61 -47.93	66.03 1.70 -47.01	68.61 1.89 -49.40	76.04 2.37 -53.22	92.70 2.18 -67.87	89.02 2.42 -61.60	83.59 1.78 -61.35	80.29 1.44 -61.51	81.48 1.24 -63.46	80.44 1.13 -62.51	80.33 1.19 -62.34	77.40 1.11 -59.49	80.44 1.13 -62.51	84.67 1.20 -66.96	89.05 1.63 -70.92	101.74 1.46 -83.87	114.07 1.67 -95.57	109.65 1.68 -91.02	87.64 2.00 -68.82	80.24 1.70 -61.72	74.47 1.63 -55.68
G.F.CEMENT___DRP 24184	63.65 0.78 -45.57	63.40 0.74 -45.35	60.54 0.76 -42.98	59.92 0.79 -42.31	59.61 0.78 -41.51	61.87 0.93 -43.62	68.62 1.19 -46.99	83.87 1.29 -59.92	80.81 1.42 -54.38	75.75 1.12 -54.16	72.48 0.83 -54.30	73.39 0.82 -55.79	72.78 0.79 -55.18	72.61 0.77 -55.04	70.08 0.76 -52.52	72.71 0.72 -55.18	76.43 0.81 -59.12	79.92 0.81 -62.61	91.35 0.89 -74.05	102.25 1.03 -84.38	98.29 0.97 -80.36	78.50 0.92 -60.76	72.24 0.92 -54.49	67.14 0.82 -49.16
GARDENVILLE___LBMP 24039	24.32 0.55 -6.46	24.32 0.59 -6.43	23.35 0.45 -6.09	23.34 0.52 -6.00	23.81 0.61 -5.88	24.13 0.62 -6.18	28.30 1.19 -6.66	31.56 0.41 -8.49	32.86 0.15 -7.71	28.43 0.29 -7.68	25.16 0.10 -7.72	24.65 -0.17 -8.03	24.47 -0.15 -7.82	24.40 -0.20 -7.80	24.10 -0.15 -7.45	24.36 -0.27 -7.82	23.97 -0.18 -7.65	24.26 -0.35 -8.11	25.72 -0.28 -9.59	27.71 -0.05 -10.92	27.50 0.14 -10.40	24.64 -0.05 -7.87	23.88 0.00 -7.06	24.11 0.58 -6.37
GENERAL___MILLS 23808	24.35 0.62 -6.42	24.36 0.66 -6.39	23.38 0.52 -6.06	23.37 0.59 -5.97	23.85 0.67 -5.85	24.15 0.67 -6.15	28.36 1.29 -6.62	31.63 0.52 -8.45	32.94 0.28 -7.67	28.49 0.39 -7.64	25.20 0.17 -7.69	24.70 -0.08 -8.00	24.52 -0.07 -7.78	24.44 -0.12 -7.76	24.14 -0.07 -7.41	24.38 -0.20 -7.78	24.00 -0.11 -7.62	24.28 -0.28 -8.06	25.74 -0.21 -9.54	27.72 0.02 -10.87	27.51 0.20 -10.35	24.68 0.03 -7.83	23.91 0.07 -7.02	24.14 0.65 -6.33
GE_PLASTICS___DRP 24183	59.37 0.92 -41.14	59.15 0.90 -40.95	56.49 0.87 -38.81	55.92 0.89 -38.21	55.72 0.92 -37.48	57.62 0.92 -39.38	64.00 1.12 -42.43	77.92 1.15 -54.10	75.43 1.32 -49.11	70.48 1.10 -48.91	67.29 0.92 -49.03	68.28 0.86 -50.63	67.51 0.87 -49.83	67.37 0.87 -49.69	65.10 0.87 -47.43	67.51 0.87 -49.83	70.74 0.86 -53.38	73.89 0.86 -56.53	84.12 0.85 -66.85	93.94 0.93 -76.18	90.41 0.90 -72.55	72.57 0.89 -54.86	66.91 0.89 -49.20	62.42 0.87 -44.39
GILBOA___1 23756	50.13 0.76 -32.06	50.03 0.81 -31.90	47.82 0.77 -30.24	47.36 0.77 -29.77	47.34 0.81 -29.20	48.76 0.74 -30.69	54.43 0.92 -33.06	65.77 0.95 -42.16	64.39 1.13 -38.26	59.51 0.94 -38.11	56.35 0.80 -38.21	57.38 0.74 -39.86	56.38 0.74 -38.84	56.26 0.74 -38.72	54.51 0.76 -36.95	56.40 0.76 -38.84	58.79 0.73 -41.57	61.25 0.73 -44.02	69.18 0.71 -52.06	76.87 0.71 -59.33	74.22 0.76 -56.50	60.28 0.74 -42.72	55.87 0.74 -38.31	52.48 0.75 -34.57
GILBOA___2 23757	50.13 0.76 -32.06	50.03 0.81 -31.90	47.82 0.77 -30.24	47.36 0.77 -29.77	47.34 0.81 -29.20	48.76 0.74 -30.69	54.43 0.92 -33.06	65.77 0.95 -42.16	64.39 1.13 -38.26	59.51 0.94 -38.11	56.35 0.80 -38.21	57.38 0.74 -39.86	56.38 0.74 -38.84	56.26 0.74 -38.72	54.51 0.76 -36.95	56.40 0.76 -38.84	58.79 0.73 -41.57	61.25 0.73 -44.02	69.18 0.71 -52.06	76.87 0.71 -59.33	74.22 0.76 -56.50	60.28 0.74 -42.72	55.87 0.74 -38.31	52.48 0.75 -34.57
GILBOA___3 23758	50.13 0.76 -32.06	50.03 0.81 -31.90	47.82 0.77 -30.24	47.36 0.77 -29.77	47.34 0.81 -29.20	48.76 0.74 -30.69	54.43 0.92 -33.06	65.77 0.95 -42.16	64.39 1.13 -38.26	59.51 0.94 -38.11	56.35 0.80 -38.21	57.38 0.74 -39.86	56.38 0.74 -38.84	56.26 0.74 -38.72	54.51 0.76 -36.95	56.40 0.76 -38.84	58.79 0.73 -41.57	61.25 0.73 -44.02	69.18 0.71 -52.06	76.87 0.71 -59.33	74.22 0.76 -56.50	60.28 0.74 -42.72	55.87 0.74 -38.31	52.48 0.75 -34.57
GILBOA___4 23759	50.13 0.76 -32.06	50.03 0.81 -31.90	47.82 0.77 -30.24	47.36 0.77 -29.77	47.34 0.81 -29.20	48.76 0.74 -30.69	54.43 0.92 -33.06	65.77 0.95 -42.16	64.39 1.13 -38.26	59.51 0.94 -38.11	56.35 0.80 -38.21	57.38 0.74 -39.86	56.38 0.74 -38.84	56.26 0.74 -38.72	54.51 0.76 -36.95	56.40 0.76 -38.84	58.79 0.73 -41.57	61.25 0.73 -44.02	69.18 0.71 -52.06	76.87 0.71 -59.33	74.22 0.76 -56.50	60.28 0.74 -42.72	55.87 0.74 -38.31	52.48 0.75 -34.57
GILBOA____ 23599	50.13 0.76 -32.06	50.03 0.81 -31.90	47.82 0.77 -30.24	47.36 0.77 -29.77	47.34 0.81 -29.20	48.76 0.74 -30.69	54.43 0.92 -33.06	65.77 0.95 -42.16	64.39 1.13 -38.26	59.51 0.94 -38.11	56.35 0.80 -38.21	57.38 0.74 -39.86	56.38 0.74 -38.84	56.26 0.74 -38.72	54.51 0.76 -36.95	56.40 0.76 -38.84	58.79 0.73 -41.57	61.25 0.73 -44.02	69.18 0.71 -52.06	76.87 0.71 -59.33	74.22 0.76 -56.50	60.28 0.74 -42.72	55.87 0.74 -38.31	52.48 0.75 -34.57
GINNA____ 23603	21.62 -0.59 -4.90	21.62 -0.57 -4.88	20.81 -0.62 -4.63	20.80 -0.57 -4.55	21.24 -0.56 -4.47	21.50 -0.52 -4.69	25.22 -0.29 -5.06	28.34 -0.77 -6.45	29.78 -1.07 -5.85	25.48 -0.82 -5.83	22.41 -0.78 -5.85	21.95 -0.92 -6.09	21.84 -0.91 -5.94	21.82 -0.91 -5.92	21.58 -0.87 -5.65	21.80 -0.94 -5.94	21.14 -0.84 -5.48	21.43 -0.87 -5.80	22.42 -0.85 -6.86	23.92 -0.74 -7.82	23.73 -0.68 -7.45	21.66 -0.79 -5.63	21.10 -0.77 -5.05	21.15 -0.57 -4.56
GLEN PARK____ 23778	18.98 -0.17 -1.85	18.95 -0.19 -1.84	18.34 -0.20 -1.74	18.35 -0.18 -1.71	18.90 -0.10 -1.68	19.09 0.00 -1.77	22.46 0.10 -1.90	25.45 0.36 -2.43	27.50 0.30 -2.20	22.72 0.06 -2.19	19.48 -0.05 -2.19	18.88 -0.18 -2.28	18.74 -0.30 -2.24	18.71 -0.32 -2.23	18.56 -0.37 -2.13	18.68 -0.35 -2.24	18.60 -0.26 -2.37	18.91 -0.10 -2.50	19.36 -0.02 -2.96	20.30 0.08 -3.38	20.29 0.12 -3.21	19.28 0.03 -2.43	19.03 0.03 -2.18	19.16 0.03 -1.97

GLENWOOD_IC_1_G5 23712	53.12 1.56 -34.26	52.94 1.54 -34.09	50.55 1.43 -32.32	50.05 1.41 -31.81	50.04 1.51 -31.21	51.59 1.47 -32.79	57.74 1.96 -35.33	70.02 2.31 -45.05	72.42 2.75 -44.67	63.46 2.27 -40.72	70.77 1.96 -51.46	72.04 1.88 -53.37	60.21 1.90 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.74 1.83 -52.41	72.04 1.77 -53.77	75.09 1.74 -56.94	83.83 1.82 -65.18	97.03 1.85 -78.22	74.98 1.75 -56.41	70.08 1.73 -51.53	63.17 1.68 -44.33
GLENWOOD_IC_2_G1 23688	53.05 1.49 -34.26	52.87 1.47 -34.09	50.48 1.36 -32.32	49.98 1.35 -31.81	49.95 1.42 -31.21	51.54 1.42 -32.79	57.66 1.88 -35.33	69.86 2.15 -45.05	72.25 2.58 -44.67	63.31 2.13 -40.72	70.66 1.86 -51.46	71.92 1.76 -53.37	60.09 1.78 -41.51	65.17 1.78 -46.58	68.71 1.80 -50.11	69.48 1.80 -50.88	70.63 1.72 -52.41	71.94 1.67 -53.77	74.99 1.64 -56.94	83.73 1.72 -65.18	96.91 1.73 -78.22	74.88 1.65 -56.41	69.98 1.63 -51.53	63.05 1.56 -44.33
GLENWOOD_IC_3_G1 23689	53.05 1.49 -34.26	52.87 1.47 -34.09	50.48 1.36 -32.32	49.98 1.35 -31.81	49.95 1.42 -31.21	51.54 1.42 -32.79	57.66 1.88 -35.33	69.86 2.15 -45.05	72.25 2.58 -44.67	63.31 2.13 -40.72	70.66 1.86 -51.46	71.92 1.76 -53.37	60.09 1.78 -41.51	65.17 1.78 -46.58	68.71 1.80 -50.11	69.48 1.80 -50.88	70.63 1.72 -52.41	71.94 1.67 -53.77	74.99 1.64 -56.94	83.73 1.72 -65.18	96.91 1.73 -78.22	74.88 1.65 -56.41	69.98 1.63 -51.53	63.05 1.56 -44.33
GLENWOOD___4 23550	53.12 1.56 -34.26	52.94 1.54 -34.09	50.55 1.43 -32.32	50.05 1.41 -31.81	50.04 1.51 -31.21	51.59 1.47 -32.79	57.74 1.96 -35.33	70.02 2.31 -45.05	72.42 2.75 -44.67	63.46 2.27 -40.72	70.77 1.96 -51.46	72.04 1.88 -53.37	60.21 1.90 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.74 1.83 -52.41	72.04 1.77 -53.77	75.09 1.74 -56.94	83.83 1.82 -65.18	97.03 1.85 -78.22	74.98 1.75 -56.41	70.08 1.73 -51.53	63.17 1.68 -44.33
GLENWOOD___5 23614	53.12 1.56 -34.26	52.94 1.54 -34.09	50.55 1.43 -32.32	50.05 1.41 -31.81	50.04 1.51 -31.21	51.59 1.47 -32.79	57.74 1.96 -35.33	70.02 2.31 -45.05	72.42 2.75 -44.67	63.46 2.27 -40.72	70.77 1.96 -51.46	72.04 1.88 -53.37	60.21 1.90 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.74 1.83 -52.41	72.04 1.77 -53.77	75.09 1.74 -56.94	83.83 1.82 -65.18	97.03 1.85 -78.22	74.98 1.75 -56.41	70.08 1.73 -51.53	63.17 1.68 -44.33
GLOBAL GREEN_PORT_GT1 23814	53.33 1.77 -34.26	53.42 2.02 -34.09	51.00 1.88 -32.32	50.47 1.83 -31.81	50.49 1.96 -31.21	51.76 1.65 -32.79	58.07 2.29 -35.33	70.65 2.94 -45.05	73.12 3.45 -44.67	63.87 2.68 -40.72	71.08 2.27 -51.46	72.27 2.11 -53.37	60.38 2.07 -41.51	65.47 2.08 -46.58	69.03 2.12 -50.11	69.85 2.17 -50.88	71.06 2.14 -52.41	72.33 2.06 -53.77	75.58 2.23 -56.94	84.40 2.39 -65.18	97.57 2.39 -78.22	75.41 2.17 -56.41	70.69 2.34 -51.53	63.77 2.28 -44.33
GLOBE___DSASP 323697	23.27 -0.10 -6.06	23.27 -0.07 -6.03	22.34 -0.18 -5.72	22.33 -0.12 -5.63	22.78 -0.07 -5.52	23.06 -0.07 -5.80	27.03 0.33 -6.25	29.91 -0.61 -7.87	31.09 -1.05 -7.14	26.90 -0.67 -7.11	23.78 -0.69 -7.13	23.30 -0.91 -7.42	23.16 -0.89 -7.25	23.10 -0.92 -7.22	22.80 -0.89 -6.89	23.06 -0.99 -7.25	22.54 -0.91 -6.95	22.82 -1.04 -7.36	24.20 -0.92 -8.71	26.02 -0.74 -9.92	25.80 -0.61 -9.45	23.19 -0.77 -7.14	22.55 -0.67 -6.40	23.05 0.03 -5.86
GOETHSLN___LBMP 323567	52.93 1.37 -34.25	52.69 1.30 -34.09	50.32 1.21 -32.31	49.80 1.18 -31.81	49.77 1.25 -31.20	51.41 1.30 -32.79	57.51 1.74 -35.32	69.69 1.99 -45.04	68.31 2.42 -40.88	63.21 2.03 -40.71	59.95 1.79 -40.82	61.26 1.69 -42.78	60.03 1.73 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.48	60.03 1.73 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.54 1.49 -55.63	74.57 1.53 -56.20	78.95 1.61 -60.38	64.02 1.55 -45.65	59.21 1.45 -40.94	55.43 1.34 -36.94
GOODYEAR_LAKE_HYD 323669	27.19 0.83 -9.05	27.16 0.85 -9.00	26.13 0.79 -8.54	26.01 0.79 -8.40	26.41 0.85 -8.24	26.85 0.87 -8.66	30.92 1.14 -9.33	35.85 1.29 -11.90	37.25 1.45 -10.80	32.43 1.21 -10.75	29.11 0.99 -10.78	28.82 0.91 -11.13	28.67 0.91 -10.96	28.64 0.91 -10.93	28.12 0.89 -10.43	28.65 0.89 -10.96	29.02 0.87 -11.65	29.70 0.86 -12.34	31.84 0.84 -14.59	34.36 0.89 -16.63	33.75 0.95 -15.84	29.68 0.89 -11.97	28.45 0.89 -10.74	27.75 0.91 -9.69
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.59 0.59 -11.70	29.55 0.61 -11.64	28.39 0.55 -11.03	28.29 0.60 -10.86	28.64 0.66 -10.65	29.18 0.66 -11.20	33.45 0.94 -12.06	38.88 0.84 -15.38	39.83 0.87 -13.96	35.08 0.72 -13.90	31.82 0.54 -13.94	31.76 0.42 -14.55	31.39 0.42 -14.17	31.35 0.42 -14.13	30.74 0.45 -13.48	31.43 0.45 -14.17	31.96 0.48 -14.99	32.85 0.48 -15.87	35.61 0.43 -18.77	38.76 0.54 -21.39	37.92 0.59 -20.37	32.74 0.52 -15.40	31.14 0.50 -13.81	30.25 0.64 -12.46
GOUDEY___7 23579	29.61 0.61 -11.70	29.57 0.62 -11.64	28.41 0.57 -11.03	28.30 0.62 -10.86	28.65 0.67 -10.65	29.18 0.66 -11.20	33.47 0.96 -12.06	38.90 0.86 -15.38	39.86 0.90 -13.96	35.10 0.74 -13.90	31.84 0.55 -13.94	31.77 0.44 -14.55	31.41 0.44 -14.17	31.37 0.44 -14.13	30.75 0.47 -13.48	31.44 0.47 -14.17	31.98 0.49 -14.99	32.86 0.49 -15.87	35.63 0.44 -18.77	38.78 0.55 -21.39	37.94 0.61 -20.37	32.76 0.54 -15.40	31.15 0.52 -13.81	30.27 0.65 -12.46
GOUDEY___8 23580	29.59 0.59 -11.70	29.55 0.61 -11.64	28.39 0.55 -11.03	28.29 0.60 -10.86	28.64 0.66 -10.65	29.18 0.66 -11.20	33.45 0.94 -12.06	38.88 0.84 -15.38	39.83 0.87 -13.96	35.08 0.72 -13.90	31.82 0.54 -13.94	31.76 0.42 -14.55	31.39 0.42 -14.17	31.35 0.42 -14.13	30.74 0.45 -13.48	31.43 0.45 -14.17	31.96 0.48 -14.99	32.85 0.48 -15.87	35.61 0.43 -18.77	38.76 0.54 -21.39	37.92 0.59 -20.37	32.74 0.52 -15.40	31.14 0.50 -13.81	30.25 0.64 -12.46
GOWANUS_GT1_1 24077	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT1_2 24078	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT1_3 24079	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94

GOWANUS_GT1_4 24080	53.07	52.80	50.39	49.87	49.84	51.41	57.49	69.58	68.21	63.10	59.90	61.23	60.00	59.85	57.98	60.00	62.52	65.08	73.56	81.78	78.93	63.95	59.26	55.50
	1.51	1.40	1.28	1.24	1.32	1.30	1.72	1.88	2.33	1.92	1.73	1.66	1.70	1.68	1.70	1.70	1.60	1.53	1.51	1.55	1.59	1.48	1.50	1.41
	-34.25	-34.09	-32.31	-31.81	-31.20	-32.79	-35.32	-45.04	-40.88	-40.72	-40.82	-42.78	-41.50	-41.37	-39.49	-41.50	-44.42	-47.05	-55.64	-63.40	-60.38	-45.65	-40.94	-36.94
GOWANUS_GT1_5 24084	53.07	52.80	50.39	49.87	49.84	51.41	57.49	69.58	68.21	63.10	59.90	61.23	60.00	59.85	57.98	60.00	62.52	65.08	73.56	81.78	78.93	63.95	59.26	55.50
	1.51	1.40	1.28	1.24	1.32	1.30	1.72	1.88	2.33	1.92	1.73	1.66	1.70	1.68	1.70	1.70	1.60	1.53	1.51	1.55	1.59	1.48	1.50	1.41
	-34.25	-34.09	-32.31	-31.81	-31.20	-32.79	-35.32	-45.04	-40.88	-40.72	-40.82	-42.78	-41.50	-41.37	-39.49	-41.50	-44.42	-47.05	-55.64	-63.40	-60.38	-45.65	-40.94	-36.94
GOWANUS_GT1_6 24111	53.07	52.80	50.39	49.87	49.84	51.41	57.49	69.58	68.21	63.10	59.90	61.23	60.00	59.85	57.98	60.00	62.52	65.08	73.56	81.78	78.93	63.95	59.26	55.50
	1.51	1.40	1.28	1.24	1.32	1.30	1.72	1.88	2.33	1.92	1.73	1.66	1.70	1.68	1.70	1.70	1.60	1.53	1.51	1.55	1.59	1.48	1.50	1.41
	-34.25	-34.09	-32.31	-31.81	-31.20	-32.79	-35.32	-45.04	-40.88	-40.72	-40.82	-42.78	-41.50	-41.37	-39.49	-41.50	-44.42	-47.05	-55.64	-63.40	-60.38	-45.65	-40.94	-36.94
GOWANUS_GT1_7 24112	53.07	52.80	50.39	49.87	49.84	51.41	57.49	69.58	68.21	63.10	59.90	61.23	60.00	59.85	57.98	60.00	62.52	65.08	73.56	81.78	78.93	63.95	59.26	55.50
	1.51	1.40	1.28	1.24	1.32	1.30	1.72	1.88	2.33	1.92	1.73	1.66	1.70	1.68	1.70	1.70	1.60	1.53	1.51	1.55	1.59	1.48	1.50	1.41
	-34.25	-34.09	-32.31	-31.81	-31.20	-32.79	-35.32	-45.04	-40.88	-40.72	-40.82	-42.78	-41.50	-41.37	-39.49	-41.50	-44.42	-47.05	-55.64	-63.40	-60.38	-45.65	-40.94	-36.94
GOWANUS_GT1_8 24113	53.07	52.80	50.39	49.87	49.84	51.41	57.49	69.58	68.21	63.10	59.90	61.23	60.00	59.85	57.98	60.00	62.52	65.08	73.56	81.78	78.93	63.95	59.26	55.50
	1.51	1.40	1.28	1.24	1.32	1.30	1.72	1.88	2.33	1.92	1.73	1.66	1.70	1.68	1.70	1.70	1.60	1.53	1.51	1.55	1.59	1.48	1.50	1.41
	-34.25	-34.09	-32.31	-31.81	-31.20	-32.79	-35.32	-45.04	-40.88	-40.72	-40.82	-42.78	-41.50	-41.37	-39.49	-41.50	-44.42	-47.05	-55.64	-63.40	-60.38	-45.65	-40.94	-36.94
GOWANUS_GT2_1 24114	53.07	52.80	50.39	49.87	49.84	51.41	57.49	69.58	68.21	63.10	59.90	61.23	60.00	59.85	57.98	60.00	62.52	65.08	73.56	81.78	78.93	63.95	59.26	55.50
	1.51	1.40	1.28	1.24	1.32	1.30	1.72	1.88	2.33	1.92	1.73	1.66	1.70	1.68	1.70	1.70	1.60	1.53	1.51					



GOWANUS_GT3_3 24124	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT3_4 24125	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT3_5 24126	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT3_6 24127	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT3_7 24128	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT3_8 24129	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT4_1 24130	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT4_2 24131	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT4_3 24132	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT4_4 24133	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT4_5 24134	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT4_6 24135	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT4_7 24136	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GOWANUS_GT4_8 24137	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GREENIDGE___3 23582	25.51 0.54 -7.66	25.47 0.54 -7.63	24.50 0.47 -7.23	24.51 0.57 -7.12	24.93 0.62 -6.98	25.32 0.66 -7.34	29.44 1.08 -7.90	33.60 0.86 -10.08	34.87 0.73 -9.15	30.09 0.51 -9.11	26.80 0.31 -9.14	26.45 0.15 -9.51	26.27 0.19 -9.28	26.23 0.17 -9.26	25.85 0.22 -8.83	26.30 0.22 -9.49	26.25 0.26 -9.49	26.86 0.31 -10.05	28.56 0.26 -11.88	30.80 0.42 -13.54	30.36 0.51 -12.89	26.97 0.40 -9.75	25.92 0.35 -8.74	25.61 0.57 -7.89

GREENIDGE___4 23583	25.51 0.54 -7.66	25.47 0.54 -7.63	24.50 0.47 -7.23	24.51 0.57 -7.12	24.93 0.62 -6.98	25.32 0.66 -7.34	29.44 1.08 -7.90	33.60 0.86 -10.08	34.87 0.73 -9.15	30.09 0.51 -9.11	26.80 0.31 -9.14	26.45 0.15 -9.51	26.27 0.19 -9.28	26.23 0.17 -9.26	25.85 0.22 -8.83	26.30 0.22 -9.28	26.25 0.26 -9.49	26.86 0.31 -10.05	28.56 0.26 -11.88	30.80 0.42 -13.54	30.36 0.51 -12.89	26.97 0.40 -9.75	25.92 0.35 -8.74	25.61 0.57 -7.89
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
GROVEVILLE___HYD 323602	53.38 1.40 -34.67	53.16 1.35 -34.50	50.78 1.28 -32.71	50.29 1.28 -32.20	50.22 1.32 -31.58	51.81 1.30 -33.19	57.88 1.68 -35.75	70.04 1.79 -45.59	68.55 2.17 -41.38	63.44 1.76 -41.21	60.13 1.47 -41.32	61.42 1.43 -43.21	60.23 1.43 -42.01	60.10 1.43 -41.88	58.23 1.46 -39.96	60.25 1.45 -42.01	62.88 1.42 -44.96	65.54 1.42 -47.62	74.11 1.38 -56.31	82.49 1.48 -64.17	79.57 1.49 -61.11	64.46 1.43 -46.21	59.64 1.38 -41.44	55.87 1.32 -37.39
HAMPSHIRE___PAPER_HYD 323593	17.35 -0.66 -0.70	17.34 -0.66 -0.69	16.80 -0.66 -0.66	16.79 -0.67 -0.65	17.35 -0.61 -0.64	17.44 -0.56 -0.67	20.41 -0.76 -0.72	22.92 -0.66 -0.92	25.03 -0.80 -0.83	20.56 -0.74 -0.83	17.53 -0.64 -0.83	17.01 -0.64 -0.86	16.92 -0.72 -0.84	16.94 -0.71 -0.84	16.85 -0.76 -0.80	16.89 -0.76 -0.84	16.68 -0.71 -0.89	16.80 -0.64 -0.94	16.95 -0.57 -1.11	17.47 -0.64 -1.27	17.52 -0.64 -1.21	17.11 -0.62 -0.91	17.07 -0.57 -0.82	17.26 -0.63 -0.74
HARDSCRABBLE_WT_PWR 323673	17.58 0.28 0.00	17.60 0.29 0.00	17.09 0.29 0.00	17.16 0.34 0.00	17.72 0.40 0.00	17.76 0.43 0.00	21.02 0.57 0.00	23.18 0.52 0.00	25.58 0.58 0.00	20.94 0.47 0.00	17.65 0.31 0.00	17.02 0.23 0.00	17.00 0.20 0.00	16.95 0.15 0.00	16.92 0.12 0.00	16.90 0.10 0.00	16.60 0.10 0.00	16.66 0.16 0.00	16.58 0.16 0.00	17.05 0.22 0.00	17.15 0.19 0.00	17.01 0.19 0.00	17.01 0.19 0.00	17.40 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.76 1.33 -33.12	51.55 1.28 -32.96	49.26 1.21 -31.25	48.77 1.19 -30.76	48.76 1.26 -30.17	50.29 1.26 -31.70	56.24 1.64 -34.15	67.93 1.72 -43.56	66.63 2.10 -39.53	61.56 1.72 -39.37	58.29 1.47 -39.47	59.55 1.41 -41.35	58.35 1.41 -40.13	58.22 1.41 -40.01	56.41 1.43 -38.18	58.36 1.43 -40.13	60.84 1.39 -42.95	63.39 1.40 -45.49	71.54 1.33 -53.79	79.57 1.43 -61.30	76.78 1.44 -58.38	62.36 1.40 -44.14	57.72 1.31 -39.59	54.12 1.25 -35.72
HARZA MOOSE___RIVER 24016	18.22 0.07 -0.84	18.20 0.05 -0.84	17.65 0.05 -0.79	17.65 0.05 -0.78	18.21 0.12 -0.77	18.30 0.17 -0.81	21.58 0.27 -0.87	24.11 0.34 -1.11	26.36 0.35 -1.01	21.69 0.23 -1.00	18.48 0.14 -1.00	17.89 0.07 -1.04	17.84 0.02 -1.02	17.82 0.00 -1.02	17.76 -0.02 -0.97	17.81 -0.02 -1.02	17.59 0.02 -1.07	17.78 0.15 -1.14	17.86 0.10 -1.34	18.52 0.15 -1.53	18.59 0.17 -1.46	18.09 0.17 -1.10	17.93 0.12 -0.99	18.17 0.12 -0.89
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.07 1.51 -34.25	52.82 1.42 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.61 1.90 -45.04	68.26 2.38 -40.88	63.15 1.96 -40.72	59.93 1.77 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
HEMPSTEAD____ 23647	53.09 1.52 -34.26	52.94 1.54 -34.09	50.55 1.43 -32.32	50.05 1.41 -31.81	50.04 1.51 -31.21	51.57 1.46 -32.79	57.74 1.96 -35.33	70.11 2.40 -45.05	72.52 2.85 -44.67	63.50 2.31 -40.72	70.80 1.99 -51.46	72.05 1.90 -53.37	60.22 1.91 -41.51	65.30 1.91 -46.58	68.84 1.93 -50.11	69.61 1.93 -50.88	70.78 1.86 -52.41	72.05 1.78 -53.77	75.14 1.79 -56.94	83.88 1.87 -65.18	97.08 1.90 -78.22	74.98 1.75 -56.41	70.17 1.82 -51.53	63.26 1.77 -44.33
HICKLING___1 23621	27.78 0.90 -9.57	27.73 0.90 -9.52	26.65 0.82 -9.03	26.65 0.94 -8.89	27.05 1.00 -8.72	27.51 1.02 -9.16	31.79 1.47 -9.87	36.53 1.29 -12.58	37.67 1.25 -11.42	32.84 1.00 -11.37	29.48 0.73 -11.41	29.21 0.55 -11.87	28.93 0.54 -11.59	28.90 0.54 -11.56	28.44 0.60 -11.03	29.00 0.60 -11.59	29.19 0.63 -12.07	29.85 0.58 -12.78	32.10 0.57 -15.11	34.81 0.76 -17.22	34.22 0.86 -16.40	29.91 0.69 -12.40	28.65 0.71 -11.12	28.17 0.98 -10.03
HICKLING___2 23622	27.78 0.90 -9.57	27.73 0.90 -9.52	26.65 0.82 -9.03	26.65 0.94 -8.89	27.05 1.00 -8.72	27.51 1.02 -9.16	31.79 1.47 -9.87	36.53 1.29 -12.58	37.67 1.25 -11.42	32.84 1.00 -11.37	29.48 0.73 -11.41	29.21 0.55 -11.87	28.93 0.54 -11.59	28.90 0.54 -11.56	28.44 0.60 -11.03	29.00 0.60 -11.59	29.19 0.63 -12.07	29.85 0.58 -12.78	32.10 0.57 -15.11	34.81 0.76 -17.22	34.22 0.86 -16.40	29.91 0.69 -12.40	28.65 0.71 -11.12	28.17 0.98 -10.03
HIGH FALLS___HY 23754	52.90 1.39 -34.20	52.70 1.35 -34.04	50.33 1.26 -32.26	49.83 1.24 -31.76	49.80 1.32 -31.16	51.35 1.28 -32.74	57.38 1.66 -35.27	69.29 1.65 -44.98	67.80 1.97 -40.82	62.74 1.62 -40.66	59.46 1.35 -40.76	60.65 1.28 -42.59	59.53 1.29 -41.44	59.39 1.28 -41.31	57.54 1.31 -39.43	59.53 1.29 -41.44	62.14 1.29 -44.36	64.84 1.37 -46.98	73.25 1.28 -55.55	81.52 1.38 -63.31	78.66 1.41 -60.29	63.83 1.43 -45.58	59.00 1.30 -40.88	55.29 1.25 -36.88
HILLBURN___GT 23639	52.03 1.35 -33.37	51.82 1.30 -33.21	49.51 1.23 -31.48	49.02 1.21 -30.99	49.01 1.28 -30.40	50.55 1.28 -31.94	56.54 1.68 -34.41	68.31 1.77 -43.88	66.95 2.12 -39.83	61.89 1.76 -39.67	58.64 1.53 -39.77	59.91 1.46 -41.67	58.72 1.48 -40.44	58.57 1.46 -40.31	56.75 1.48 -38.47	58.72 1.48 -40.44	61.21 1.43 -43.28	63.78 1.45 -45.83	71.98 1.36 -54.20	80.03 1.43 -61.76	77.24 1.46 -58.82	62.72 1.43 -44.47	58.04 1.33 -39.89	54.41 1.27 -35.99
HISHELDN_WT_PWR 323625	24.81 0.48 -7.02	24.79 0.50 -6.98	23.81 0.39 -6.62	23.80 0.47 -6.51	24.27 0.55 -6.39	24.61 0.57 -6.72	28.81 1.12 -7.23	32.27 0.38 -9.23	33.47 0.10 -8.37	28.97 0.16 -8.34	25.70 -0.02 -8.38	25.21 -0.29 -8.71	25.03 -0.27 -8.50	24.96 -0.32 -8.47	24.62 -0.27 -8.09	24.95 -0.35 -8.50	24.67 -0.26 -8.44	25.04 -0.40 -8.94	26.66 -0.33 -10.57	28.78 -0.10 -12.04	28.48 0.05 -11.47	25.39 -0.10 -8.67	24.55 -0.05 -7.78	24.65 0.48 -7.02
HOLTSVILLE_IC_1 23690	53.05 1.49 -34.26	53.05 1.65 -34.09	50.63 1.51 -32.32	50.11 1.48 -31.81	50.12 1.59 -31.21	51.52 1.40 -32.79	57.72 1.94 -35.33	70.20 2.49 -45.05	72.62 2.95 -44.67	63.52 2.33 -40.72	70.78 1.98 -51.46	72.02 1.86 -53.37	60.17 1.86 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.78 1.86 -52.41	72.04 1.77 -53.77	75.19 1.84 -56.94	83.93 1.92 -65.18	97.13 1.95 -78.22	75.00 1.77 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33

HOLTSVILLE_IC_10 23699	53.09 1.52 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.55 1.44 -32.79	57.78 2.01 -35.33	70.33 2.63 -45.05	72.77 3.10 -44.67	63.62 2.43 -40.72	70.87 2.06 -51.46	72.09 1.93 -53.37	60.24 1.93 -41.51	65.33 1.95 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.86 1.95 -52.41	72.09 1.81 -53.77	75.27 1.92 -56.94	84.03 2.02 -65.18	97.25 2.07 -78.22	75.07 1.83 -56.41	70.38 2.03 -51.53	63.51 2.02 -44.33
HOLTSVILLE_IC_2 23691	53.05 1.49 -34.26	53.05 1.65 -34.09	50.63 1.51 -32.32	50.11 1.48 -31.81	50.12 1.59 -31.21	51.52 1.40 -32.79	57.72 1.94 -35.33	70.20 2.49 -45.05	72.62 2.95 -44.67	63.52 2.33 -40.72	70.78 1.98 -51.46	72.02 1.86 -53.37	60.17 1.86 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.78 1.86 -52.41	72.04 1.77 -53.77	75.19 1.84 -56.94	83.93 1.92 -65.18	97.13 1.95 -78.22	75.00 1.77 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33
HOLTSVILLE_IC_3 23692	53.05 1.49 -34.26	53.05 1.65 -34.09	50.63 1.51 -32.32	50.11 1.48 -31.81	50.12 1.59 -31.21	51.52 1.40 -32.79	57.72 1.94 -35.33	70.20 2.49 -45.05	72.62 2.95 -44.67	63.52 2.33 -40.72	70.78 1.98 -51.46	72.02 1.86 -53.37	60.17 1.86 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.78 1.86 -52.41	72.04 1.77 -53.77	75.19 1.84 -56.94	83.93 1.92 -65.18	97.13 1.95 -78.22	75.00 1.77 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33
HOLTSVILLE_IC_4 23693	53.05 1.49 -34.26	53.05 1.65 -34.09	50.63 1.51 -32.32	50.11 1.48 -31.81	50.12 1.59 -31.21	51.52 1.40 -32.79	57.72 1.94 -35.33	70.20 2.49 -45.05	72.62 2.95 -44.67	63.52 2.33 -40.72	70.78 1.98 -51.46	72.02 1.86 -53.37	60.17 1.86 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.78 1.86 -52.41	72.04 1.77 -53.77	75.19 1.84 -56.94	83.93 1.92 -65.18	97.13 1.95 -78.22	75.00 1.77 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33
HOLTSVILLE_IC_5 23694	53.05 1.49 -34.26	53.05 1.65 -34.09	50.63 1.51 -32.32	50.11 1.48 -31.81	50.12 1.59 -31.21	51.52 1.40 -32.79	57.72 1.94 -35.33	70.20 2.49 -45.05	72.62 2.95 -44.67	63.52 2.33 -40.72	70.78 1.98 -51.46	72.02 1.86 -53.37	60.17 1.86 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.78 1.86 -52.41	72.04 1.77 -53.77	75.19 1.84 -56.94	83.93 1.92 -65.18	97.13 1.95 -78.22	75.00 1.77 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33
HOLTSVILLE_IC_6 23695	53.09 1.52 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.55 1.44 -32.79	57.78 2.01 -35.33	70.33 2.63 -45.05	72.77 3.10 -44.67	63.62 2.43 -40.72	70.87 2.06 -51.46	72.09 1.93 -53.37	60.24 1.93 -41.51	65.33 1.95 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.86 1.95 -52.41	72.09 1.81 -53.77	75.27 1.92 -56.94	84.03 2.02 -65.18	97.25 2.07 -78.22	75.07 1.83 -56.41	70.38 2.03 -51.53	63.51 2.02 -44.33
HOLTSVILLE_IC_7 23696	53.09 1.52 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.55 1.44 -32.79	57.78 2.01 -35.33	70.33 2.63 -45.05	72.77 3.10 -44.67	63.62 2.43 -40.72	70.87 2.06 -51.46	72.09 1.93 -53.37	60.24 1.93 -41.51	65.33 1.95 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.86 1.95 -52.41	72.09 1.81 -53.77	75.27 1.92 -56.94	84.03 2.02 -65.18	97.25 2.07 -78.22	75.07 1.83 -56.41	70.38 2.03 -51.53	63.51 2.02 -44.33
HOLTSVILLE_IC_8 23697	53.09 1.52 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.55 1.44 -32.79	57.78 2.01 -35.33	70.33 2.63 -45.05	72.77 3.10 -44.67	63.62 2.43 -40.72	70.87 2.06 -51.46	72.09 1.93 -53.37	60.24 1.93 -41.51	65.33 1.95 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.86 1.95 -52.41	72.09 1.81 -53.77	75.27 1.92 -56.94	84.03 2.02 -65.18	97.25 2.07 -78.22	75.07 1.83 -56.41	70.38 2.03 -51.53	63.51 2.02 -44.33
HOLTSVILLE_IC_9 23698	53.09 1.52 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.55 1.44 -32.79	57.78 2.01 -35.33	70.33 2.63 -45.05	72.77 3.10 -44.67	63.62 2.43 -40.72	70.87 2.06 -51.46	72.09 1.93 -53.37	60.24 1.93 -41.51	65.33 1.95 -46.58	68.89 1.98 -50.11	69.66 1.98 -50.88	70.86 1.95 -52.41	72.09 1.81 -53.77	75.27 1.92 -56.94	84.03 2.02 -65.18	97.25 2.07 -78.22	75.07 1.83 -56.41	70.38 2.03 -51.53	63.51 2.02 -44.33
HOWARD_WT_PWR 323690	26.52 0.92 -8.30	26.46 0.90 -8.26	25.43 0.81 -7.83	25.45 0.92 -7.70	25.89 1.00 -7.56	26.30 1.04 -7.94	30.62 1.62 -8.55	34.74 1.18 -10.91	35.93 1.03 -9.90	31.12 0.80 -9.86	27.71 0.47 -9.90	27.25 0.17 -10.30	27.00 0.15 -10.05	26.94 0.12 -10.02	26.55 0.19 -9.56	26.97 0.12 -10.05	27.00 0.21 -10.29	27.56 0.16 -10.90	29.55 0.25 -12.89	32.03 0.50 -14.69	31.59 0.64 -13.99	27.85 0.45 -10.58	26.74 0.44 -9.49	26.52 0.81 -8.56
HQ_GEN_CEDARS 23644	16.77 -0.54 0.00	16.77 -0.54 0.00	16.26 -0.54 0.00	16.25 -0.57 0.00	16.81 -0.52 0.00	16.81 -0.52 0.00	19.69 -0.76 0.00	21.91 -0.75 0.00	24.12 -0.88 0.00	19.71 -0.76 0.00	16.75 -0.59 0.00	16.28 -0.50 0.00	16.26 -0.54 0.00	16.28 -0.52 0.00	16.25 -0.55 0.00	16.23 -0.57 0.00	16.02 -0.48 0.00	16.02 -0.48 0.00	16.02 -0.39 0.00	16.26 -0.57 0.00	16.35 -0.61 0.00	16.28 -0.54 0.00	16.27 -0.55 0.00	16.50 -0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	16.77 -0.54 0.00	16.77 -0.54 0.00	16.26 -0.54 0.00	16.25 -0.57 0.00	16.81 -0.52 0.00	16.81 -0.52 0.00	19.69 -0.76 0.00	21.91 -0.75 0.00	24.12 -0.88 0.00	19.71 -0.76 0.00	16.75 -0.59 0.00	16.28 -0.50 0.00	16.26 -0.54 0.00	16.28 -0.52 0.00	16.25 -0.55 0.00	16.23 -0.57 0.00	16.02 -0.48 0.00	16.02 -0.48 0.00	16.02 -0.39 0.00	16.26 -0.57 0.00	16.35 -0.61 0.00	16.28 -0.54 0.00	16.27 -0.55 0.00	16.50 -0.65 0.00
HQ_GEN_IMPORT 323601	17.03 -0.28 0.00	17.03 -0.28 0.00	16.55 -0.25 0.00	16.55 -0.27 0.00	17.03 -0.29 0.00	17.03 -0.29 0.00	20.00 -0.45 0.00	22.23 -0.43 0.00	24.50 -0.50 0.00	20.04 -0.43 0.00	17.03 -0.31 0.00	16.55 -0.24 0.00	16.55 -0.25 0.00	16.55 -0.25 0.00	16.55 -0.25 0.00	16.55 -0.25 0.00	16.25 -0.25 0.00	16.27 -0.23 0.00	16.18 -0.23 0.00	16.55 -0.29 0.00	16.64 -0.32 0.00	16.55 -0.27 0.00	16.55 -0.27 0.00	16.81 -0.34 0.00
HQ_GEN_WHEEL 23651	17.03 -0.28 0.00	17.03 -0.28 0.00	16.55 -0.25 0.00	16.55 -0.27 0.00	17.03 -0.29 0.00	17.03 -0.29 0.00	20.00 -0.45 0.00	22.23 -0.43 0.00	24.50 -0.50 0.00	20.04 -0.43 0.00	17.03 -0.31 0.00	16.55 -0.24 0.00	16.55 -0.25 0.00	16.55 -0.25 0.00	16.55 -0.25 0.00	16.55 -0.25 0.00	16.25 -0.25 0.00	16.27 -0.23 0.00	16.18 -0.23 0.00	16.55 -0.29 0.00	16.64 -0.32 0.00	16.55 -0.27 0.00	16.55 -0.27 0.00	16.81 -0.34 0.00
HUDSON_AVE_GT_3 23810	53.01 1.45 -34.25	52.78 1.39 -34.09	50.41 1.29 -32.31	49.91 1.28 -31.81	49.86 1.33 -31.20	51.50 1.39 -32.79	57.59 1.82 -35.32	69.72 2.02 -45.04	68.36 2.48 -40.88	63.25 2.07 -40.71	59.98 1.82 -40.82	61.29 1.73 -42.78	60.05 1.75 -41.50	59.92 1.75 -41.37	58.05 1.76 -39.48	60.07 1.76 -41.50	62.59 1.67 -44.42	65.16 1.62 -47.04	73.61 1.56 -55.63	81.85 1.62 -63.40	79.00 1.66 -60.38	64.03 1.56 -45.65	59.29 1.53 -40.94	55.54 1.44 -36.94

HUDSON AVE_GT_4 23540	53.01 1.45 -34.25	52.78 1.39 -34.09	50.41 1.29 -32.31	49.91 1.28 -31.81	49.86 1.33 -31.20	51.50 1.39 -32.79	57.59 1.82 -35.32	69.72 2.02 -45.04	68.36 2.48 -40.88	63.25 2.07 -40.71	59.98 1.82 -40.82	61.29 1.73 -42.78	60.05 1.75 -41.50	59.92 1.75 -41.37	58.05 1.76 -39.48	60.07 1.76 -41.50	62.59 1.67 -44.42	65.16 1.62 -47.04	73.61 1.56 -55.63	81.85 1.62 -63.40	79.00 1.66 -60.38	64.03 1.56 -45.65	59.29 1.53 -40.94	55.54 1.44 -36.94
HUDSON AVE_GT_5 23657	53.01 1.45 -34.25	52.78 1.39 -34.09	50.41 1.29 -32.31	49.91 1.28 -31.81	49.86 1.33 -31.20	51.50 1.39 -32.79	57.59 1.82 -35.32	69.72 2.02 -45.04	68.36 2.48 -40.88	63.25 2.07 -40.71	59.98 1.82 -40.82	61.29 1.73 -42.78	60.05 1.75 -41.50	59.92 1.75 -41.37	58.05 1.76 -39.48	60.07 1.76 -41.50	62.59 1.67 -44.42	65.16 1.62 -47.04	73.61 1.56 -55.63	81.85 1.62 -63.40	79.00 1.66 -60.38	64.03 1.56 -45.65	59.29 1.53 -40.94	55.54 1.44 -36.94
HUDSON_AVE_10 24168	52.98 1.42 -34.25	52.75 1.35 -34.09	50.37 1.26 -32.31	49.87 1.24 -31.81	49.83 1.30 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.69 1.99 -45.04	68.33 2.45 -40.88	63.23 2.05 -40.71	59.93 1.77 -40.82	61.26 1.69 -42.78	60.02 1.71 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.48	60.03 1.73 -41.50	62.55 1.63 -44.42	65.13 1.58 -47.04	73.58 1.53 -55.63	81.82 1.58 -63.40	78.96 1.63 -60.38	64.00 1.53 -45.65	59.28 1.51 -40.94	55.50 1.41 -36.94
HUNTER MOUNT___DRP 323613	55.07 1.23 -36.54	54.86 1.19 -36.36	52.43 1.16 -34.47	51.91 1.16 -33.93	51.80 1.19 -33.28	53.46 1.16 -34.97	59.58 1.45 -37.68	72.34 1.63 -48.04	70.51 1.90 -43.61	65.35 1.45 -43.43	62.10 1.21 -43.54	63.25 1.16 -45.31	62.22 1.16 -44.26	62.07 1.14 -44.13	60.06 1.14 -42.12	62.19 1.13 -44.26	65.03 1.14 -47.39	67.77 1.09 -50.19	76.98 1.21 -59.35	85.83 1.36 -67.63	82.68 1.31 -64.41	66.71 1.19 -48.70	61.76 1.26 -43.68	57.81 1.25 -39.41
HUNTINGTON_RES_REC 323705	53.07 1.51 -34.26	52.99 1.59 -34.09	50.58 1.46 -32.32	50.08 1.45 -31.81	50.07 1.54 -31.21	51.54 1.42 -32.79	57.74 1.96 -35.33	70.24 2.54 -45.05	72.67 3.00 -44.67	63.60 2.41 -40.72	70.80 1.99 -51.46	72.04 1.88 -53.37	60.24 1.93 -41.51	65.33 1.95 -46.58	68.89 1.98 -50.11	69.64 1.96 -50.88	70.81 1.90 -52.41	72.02 1.75 -53.77	75.17 1.82 -56.94	83.93 1.92 -65.18	97.12 1.93 -78.22	74.97 1.73 -56.41	70.28 1.93 -51.53	63.41 1.92 -44.33
HUNTLEY___63 23557	23.91 0.45 -6.15	23.93 0.50 -6.12	22.97 0.37 -5.80	22.95 0.42 -5.71	23.43 0.50 -5.60	23.71 0.50 -5.89	27.83 1.04 -6.34	30.95 0.20 -8.09	32.24 -0.10 -7.34	27.90 0.12 -7.31	24.64 -0.03 -7.33	24.11 -0.30 -7.63	23.98 -0.27 -7.45	23.91 -0.32 -7.43	23.61 -0.29 -7.09	23.85 -0.40 -7.45	23.36 -0.33 -7.19	23.62 -0.49 -7.62	25.03 -0.39 -9.01	26.93 -0.17 -10.27	26.74 0.00 -9.78	24.03 -0.18 -7.39	23.31 -0.14 -6.63	23.62 0.48 -5.98
HUNTLEY___64 23558	23.91 0.45 -6.15	23.93 0.50 -6.12	22.97 0.37 -5.80	22.95 0.42 -5.71	23.43 0.50 -5.60	23.71 0.50 -5.89	27.83 1.04 -6.34	30.95 0.20 -8.09	32.24 -0.10 -7.34	27.90 0.12 -7.31	24.64 -0.03 -7.33	24.11 -0.30 -7.63	23.98 -0.27 -7.45	23.91 -0.32 -7.43	23.61 -0.29 -7.09	23.85 -0.40 -7.45	23.36 -0.33 -7.19	23.62 -0.49 -7.62	25.03 -0.39 -9.01	26.93 -0.17 -10.27	26.74 0.00 -9.78	24.03 -0.18 -7.39	23.31 -0.14 -6.63	23.62 0.48 -5.98
HUNTLEY___65 23559	23.91 0.45 -6.15	23.93 0.50 -6.12	22.97 0.37 -5.80	22.95 0.42 -5.71	23.43 0.50 -5.60	23.71 0.50 -5.89	27.83 1.04 -6.34	30.95 0.20 -8.09	32.24 -0.10 -7.34	27.90 0.12 -7.31	24.64 -0.03 -7.33	24.11 -0.30 -7.63	23.98 -0.27 -7.45	23.91 -0.32 -7.43	23.61 -0.29 -7.09	23.85 -0.40 -7.45	23.36 -0.33 -7.19	23.62 -0.49 -7.62	25.03 -0.39 -9.01	26.93 -0.17 -10.27	26.74 0.00 -9.78	24.03 -0.18 -7.39	23.31 -0.14 -6.63	23.62 0.48 -5.98
HUNTLEY___66 23560	23.91 0.45 -6.15	23.93 0.50 -6.12	22.97 0.37 -5.80	22.95 0.42 -5.71	23.43 0.50 -5.60	23.71 0.50 -5.89	27.83 1.04 -6.34	30.95 0.20 -8.09	32.24 -0.10 -7.34	27.90 0.12 -7.31	24.64 -0.03 -7.33	24.11 -0.30 -7.63	23.98 -0.27 -7.45	23.91 -0.32 -7.43	23.61 -0.29 -7.09	23.85 -0.40 -7.45	23.36 -0.33 -7.19	23.62 -0.49 -7.62	25.03 -0.39 -9.01	26.93 -0.17 -10.27	26.74 0.00 -9.78	24.03 -0.18 -7.39	23.31 -0.14 -6.63	23.62 0.48 -5.98
HUNTLEY___67 23561	23.91 0.35 -6.26	23.92 0.38 -6.23	22.96 0.25 -5.91	22.95 0.32 -5.81	23.41 0.38 -5.70	23.72 0.40 -5.99	27.80 0.90 -6.46	30.96 0.07 -8.23	32.22 -0.25 -7.47	27.87 -0.04 -7.44	24.64 -0.17 -7.47	24.14 -0.42 -7.78	23.98 -0.40 -7.58	23.93 -0.44 -7.56	23.63 -0.39 -7.22	23.88 -0.50 -7.58	23.45 -0.41 -7.36	23.73 -0.56 -7.79	25.15 -0.48 -9.22	27.07 -0.27 -10.50	26.86 -0.10 -10.00	24.11 -0.27 -7.56	23.40 -0.20 -6.78	23.67 0.39 -6.12
HUNTLEY___68 23562	23.91 0.35 -6.26	23.92 0.38 -6.23	22.96 0.25 -5.91	22.95 0.32 -5.81	23.41 0.38 -5.70	23.72 0.40 -5.99	27.80 0.90 -6.46	30.96 0.07 -8.23	32.22 -0.25 -7.47	27.87 -0.04 -7.44	24.64 -0.17 -7.47	24.14 -0.42 -7.78	23.98 -0.40 -7.58	23.93 -0.44 -7.56	23.63 -0.39 -7.22	23.88 -0.50 -7.58	23.45 -0.41 -7.36	23.73 -0.56 -7.79	25.15 -0.48 -9.22	27.07 -0.27 -10.50	26.86 -0.10 -10.00	24.11 -0.27 -7.56	23.40 -0.20 -6.78	23.67 0.39 -6.12
HYLAND___LFGE 323620	27.02 1.54 -8.17	27.00 1.56 -8.13	25.92 1.41 -7.71	25.97 1.56 -7.59	26.45 1.68 -7.44	26.91 1.77 -7.82	31.51 2.64 -8.43	35.80 2.40 -10.74	36.98 2.22 -9.75	31.96 1.78 -9.71	28.44 1.35 -9.75	27.88 0.96 -10.14	27.62 0.92 -9.90	27.59 0.92 -9.87	27.35 1.13 -9.42	27.74 1.04 -9.90	27.77 1.17 -10.10	28.14 0.94 -10.70	30.25 1.18 -12.65	32.75 1.50 -14.42	32.37 1.68 -13.73	28.53 1.33 -10.38	27.58 1.45 -9.31	27.32 1.77 -8.40
INDECK___CORINTH 23802	63.48 0.48 -45.69	63.23 0.45 -45.47	60.37 0.47 -43.10	59.76 0.50 -42.43	59.45 0.50 -41.62	61.70 0.64 -43.74	68.39 0.82 -47.12	83.67 0.93 -60.09	80.58 1.05 -54.54	75.58 0.80 -54.31	72.37 0.57 -54.46	73.31 0.57 -55.96	72.69 0.55 -55.34	72.51 0.52 -55.19	69.98 0.50 -52.67	72.61 0.47 -55.34	76.35 0.56 -59.29	79.83 0.54 -62.79	91.29 0.62 -74.26	102.21 0.76 -84.62	98.26 0.71 -80.59	78.41 0.66 -60.93	72.14 0.67 -54.65	67.02 0.57 -49.30
INDECK___ILION 23567	17.52 0.21 0.00	17.52 0.21 0.00	17.00 0.20 0.00	17.04 0.22 0.00	17.57 0.24 0.00	17.58 0.26 0.00	20.80 0.35 0.00	22.98 0.32 0.00	25.35 0.35 0.00	20.77 0.31 0.00	17.55 0.21 0.00	16.95 0.17 0.00	16.95 0.15 0.00	16.94 0.13 0.00	16.92 0.12 0.00	16.92 0.12 0.00	16.62 0.12 0.00	16.66 0.16 0.00	16.56 0.15 0.00	17.00 0.17 0.00	17.13 0.17 0.00	17.01 0.19 0.00	16.97 0.15 0.00	17.35 0.19 0.00
INDECK___OLEAN 23982	26.11 1.30 -7.50	26.11 1.33 -7.47	25.07 1.19 -7.08	25.08 1.30 -6.97	25.56 1.40 -6.83	25.91 1.40 -7.18	30.23 2.04 -7.74	33.66 1.13 -9.87	35.00 1.05 -8.96	30.28 0.90 -8.92	26.91 0.61 -8.96	26.46 0.35 -9.32	26.26 0.37 -9.09	26.17 0.30 -9.06	25.77 0.32 -8.65	26.18 0.29 -9.09	25.95 0.33 -9.12	26.40 0.25 -9.66	28.08 0.25 -11.42	30.37 0.52 -13.01	30.03 0.68 -12.39	26.73 0.54 -9.37	25.75 0.52 -8.40	25.99 1.25 -7.58

INDECK___OSWEGO 23783	20.69 0.21 -3.17	20.65 0.19 -3.15	19.96 0.17 -2.99	20.02 0.25 -2.94	20.51 0.29 -2.89	20.67 0.31 -3.03	24.21 0.49 -3.27	27.37 0.54 -4.17	29.38 0.60 -3.78	24.72 0.49 -3.77	21.45 0.35 -3.76	20.87 0.17 -3.91	20.79 0.15 -3.84	20.80 0.17 -3.83	20.62 0.17 -3.65	20.86 0.22 -3.84	20.73 0.18 -4.05	21.05 0.26 -4.29	21.70 0.21 -5.07	22.90 0.29 -5.78	22.81 0.34 -5.51	21.29 0.30 -4.16	20.81 0.25 -3.73	20.83 0.31 -3.37
INDECK___YERKES 23781	23.94 0.48 -6.15	23.95 0.52 -6.12	22.99 0.39 -5.80	22.99 0.45 -5.71	23.45 0.52 -5.60	23.75 0.54 -5.89	27.86 1.06 -6.34	30.97 0.23 -8.09	32.29 -0.05 -7.34	27.92 0.14 -7.31	24.66 -0.02 -7.33	24.13 -0.29 -7.63	24.00 -0.25 -7.45	23.93 -0.30 -7.43	23.62 -0.27 -7.09	23.87 -0.39 -7.45	23.38 -0.31 -7.19	23.64 -0.48 -7.62	25.05 -0.38 -9.01	26.95 -0.15 -10.27	26.77 0.03 -9.78	24.06 -0.15 -7.39	23.33 -0.12 -6.63	23.64 0.50 -5.98
INDIAN POINT_GT_1 24139	52.69 1.31 -34.06	52.49 1.28 -33.90	50.13 1.19 -32.13	49.63 1.18 -31.63	49.60 1.25 -31.03	51.18 1.25 -32.60	57.21 1.64 -35.12	69.24 1.79 -44.79	67.80 2.15 -40.65	62.73 1.78 -40.49	59.48 1.54 -40.60	60.80 1.48 -42.54	59.57 1.49 -41.27	59.42 1.48 -41.14	57.56 1.49 -39.26	59.57 1.49 -41.27	62.11 1.43 -44.17	64.70 1.42 -46.78	73.10 1.36 -55.33	81.33 1.45 -63.05	78.46 1.46 -60.04	63.61 1.40 -45.40	58.88 1.35 -40.72	55.16 1.27 -36.73
INDIAN POINT_GT_2 23659	52.69 1.31 -34.06	52.49 1.28 -33.90	50.13 1.19 -32.13	49.63 1.18 -31.63	49.60 1.25 -31.03	51.18 1.25 -32.60	57.21 1.64 -35.12	69.24 1.79 -44.79	67.80 2.15 -40.65	62.73 1.78 -40.49	59.48 1.54 -40.60	60.80 1.48 -42.54	59.57 1.49 -41.27	59.42 1.48 -41.14	57.56 1.49 -39.26	59.57 1.49 -41.27	62.11 1.43 -44.17	64.70 1.42 -46.78	73.10 1.36 -55.33	81.33 1.45 -63.05	78.46 1.46 -60.04	63.61 1.40 -45.40	58.88 1.35 -40.72	55.16 1.27 -36.73
INDIAN POINT_GT_3 24019	52.69 1.31 -34.06	52.49 1.28 -33.90	50.13 1.19 -32.13	49.63 1.18 -31.63	49.60 1.25 -31.03	51.18 1.25 -32.60	57.21 1.64 -35.12	69.24 1.79 -44.79	67.80 2.15 -40.65	62.73 1.78 -40.49	59.48 1.54 -40.60	60.80 1.48 -42.54	59.57 1.49 -41.27	59.42 1.48 -41.14	57.56 1.49 -39.26	59.57 1.49 -41.27	62.11 1.43 -44.17	64.70 1.42 -46.78	73.10 1.36 -55.33	81.33 1.45 -63.05	78.46 1.46 -60.04	63.61 1.40 -45.40	58.88 1.35 -40.72	55.16 1.27 -36.73
INDIAN POINT___2 23530	52.44 1.31 -33.82	52.23 1.26 -33.66	49.90 1.19 -31.90	49.40 1.18 -31.41	49.38 1.25 -30.81	50.96 1.26 -32.37	56.96 1.64 -34.87	68.92 1.79 -44.47	67.54 2.17 -40.36	62.44 1.78 -40.20	59.19 1.54 -40.30	60.49 1.48 -42.23	59.27 1.49 -40.98	59.14 1.49 -40.85	57.30 1.51 -38.98	59.29 1.51 -40.98	61.81 1.45 -43.86	64.36 1.42 -46.45	72.72 1.38 -54.93	80.88 1.45 -62.59	78.03 1.46 -59.61	63.29 1.40 -45.07	58.59 1.35 -40.42	54.91 1.29 -36.47
INDIAN POINT___3 23531	52.68 1.30 -34.07	52.48 1.26 -33.91	50.12 1.18 -32.14	49.64 1.18 -31.64	49.59 1.23 -31.04	51.19 1.25 -32.61	57.20 1.62 -35.13	69.23 1.77 -44.80	67.79 2.12 -40.66	62.73 1.76 -40.50	59.47 1.53 -40.61	60.80 1.46 -42.55	59.55 1.46 -41.28	59.42 1.46 -41.15	57.56 1.48 -39.27	59.56 1.48 -41.28	62.10 1.42 -44.19	64.69 1.40 -46.79	73.10 1.35 -55.34	81.31 1.41 -63.06	78.46 1.44 -60.06	63.61 1.38 -45.41	58.87 1.33 -40.73	55.17 1.27 -36.74
IP CORINTH___1 23988	63.59 0.59 -45.69	63.33 0.55 -45.47	60.48 0.57 -43.10	59.86 0.60 -42.43	59.55 0.61 -41.62	61.81 0.74 -43.74	68.53 0.96 -47.12	83.81 1.07 -60.09	80.74 1.20 -54.54	75.70 0.92 -54.31	72.47 0.68 -54.46	73.41 0.67 -55.96	72.78 0.64 -55.34	72.61 0.62 -55.19	70.08 0.60 -52.67	72.71 0.57 -55.34	76.45 0.66 -59.29	79.93 0.64 -62.79	91.39 0.72 -74.26	102.31 0.86 -84.62	98.36 0.81 -80.59	78.51 0.76 -60.93	72.24 0.77 -54.65	67.13 0.67 -49.30
IP___TICONDEROGA 23804	63.96 1.04 -45.61	63.79 1.09 -45.39	61.06 1.23 -43.03	60.44 1.26 -42.36	60.16 1.28 -41.55	62.46 1.47 -43.66	69.26 1.78 -47.03	84.43 1.79 -59.98	81.51 2.07 -54.44	76.26 1.58 -54.22	72.85 1.14 -54.36	73.76 1.12 -55.85	73.17 1.13 -55.24	72.95 1.06 -55.09	70.42 1.04 -52.58	73.05 1.01 -55.24	76.79 1.11 -59.19	80.33 1.15 -62.68	91.75 1.21 -74.13	102.67 1.36 -84.47	98.74 1.34 -80.44	78.99 1.35 -60.82	72.68 1.31 -54.55	67.54 1.17 -49.21
ISLIP_RES_REC 323679	53.14 1.57 -34.26	53.15 1.75 -34.09	50.73 1.61 -32.32	50.21 1.58 -31.81	50.23 1.70 -31.21	51.62 1.51 -32.79	57.86 2.09 -35.33	70.45 2.74 -45.05	72.90 3.23 -44.67	63.72 2.54 -40.72	70.96 2.15 -51.46	72.15 2.00 -53.37	60.31 2.00 -41.51	65.40 2.02 -46.58	68.96 2.05 -50.11	69.71 2.03 -50.88	70.91 2.00 -52.41	72.13 1.86 -53.77	75.35 2.00 -56.94	84.14 2.12 -65.18	97.34 2.15 -78.22	75.13 1.90 -56.41	70.45 2.10 -51.53	63.58 2.09 -44.33
JARVIS____ 23743	17.32 0.02 0.00	17.32 0.02 0.00	16.80 0.00 0.00	16.82 0.00 0.00	17.34 0.02 0.00	17.34 0.02 0.00	20.49 0.04 0.00	22.68 0.02 0.00	25.02 0.03 0.00	20.49 0.02 0.00	17.36 0.02 0.00	16.78 0.00 0.00	16.80 0.00 0.00	16.80 0.00 0.00	16.80 0.00 0.00	16.80 0.00 0.00	16.50 0.00 0.00	16.50 0.00 0.00	16.41 0.00 0.00	16.85 0.02 0.00	16.98 0.02 0.00	16.84 0.02 0.00	16.84 0.02 0.00	17.17 0.02 0.00
JENNISON___1 23625	30.61 0.99 -12.32	30.54 0.97 -12.26	29.35 0.92 -11.62	29.20 0.94 -11.44	29.59 1.04 -11.22	30.19 1.07 -11.79	34.65 1.49 -12.70	40.47 1.61 -16.20	41.35 1.65 -14.70	36.48 1.37 -14.64	33.09 1.06 -14.69	32.94 0.87 -15.28	32.60 0.87 -14.92	32.59 0.91 -14.88	31.91 0.91 -14.20	32.63 0.91 -14.92	33.19 0.86 -15.83	34.22 0.96 -16.77	37.13 0.89 -19.83	40.43 0.99 -22.60	39.55 1.07 -21.52	34.07 0.98 -16.27	32.34 0.92 -14.59	31.33 1.01 -13.17
JENNISON___2 23626	30.61 0.99 -12.32	30.54 0.97 -12.26	29.35 0.92 -11.62	29.20 0.94 -11.44	29.59 1.04 -11.22	30.19 1.07 -11.79	34.65 1.49 -12.70	40.47 1.61 -16.20	41.35 1.65 -14.70	36.48 1.37 -14.64	33.09 1.06 -14.69	32.94 0.87 -15.28	32.60 0.87 -14.92	32.59 0.91 -14.88	31.91 0.91 -14.20	32.63 0.91 -14.92	33.19 0.86 -15.83	34.22 0.96 -16.77	37.13 0.89 -19.83	40.43 0.99 -22.60	39.55 1.07 -21.52	34.07 0.98 -16.27	32.34 0.92 -14.59	31.33 1.01 -13.17
JERICHO_RISE_WT_PWR 323719	16.75 -0.55 0.00	16.77 -0.54 0.00	16.21 -0.59 0.00	16.20 -0.62 0.00	16.75 -0.57 0.00	16.77 -0.56 0.00	19.55 -0.90 0.00	21.89 -0.77 0.00	24.05 -0.95 0.00	19.55 -0.92 0.00	16.53 -0.81 0.00	16.01 -0.77 0.00	15.88 -0.92 0.00	15.88 -0.92 0.00	15.83 -0.97 0.00	15.81 -0.99 0.00	15.49 -1.01 0.00	15.48 -1.02 0.00	15.45 -0.97 0.00	15.78 -1.06 0.00	15.87 -1.09 0.00	15.78 -1.04 0.00	15.88 -0.94 0.00	16.18 -0.98 0.00
KCE_NY_1 323755	63.83 1.02 -45.50	63.57 0.99 -45.28	60.70 0.97 -42.92	60.08 1.01 -42.25	59.79 1.02 -41.45	62.02 1.14 -43.55	68.80 1.43 -46.92	84.01 1.52 -59.83	80.98 1.68 -54.30	75.90 1.35 -54.08	72.61 1.04 -54.22	73.49 1.01 -55.70	72.88 0.97 -55.10	72.73 0.97 -54.96	70.21 0.96 -52.45	72.85 0.94 -55.10	76.53 0.99 -59.04	80.03 1.01 -62.52	91.42 1.07 -73.94	102.31 1.21 -84.26	98.36 1.15 -80.24	78.60 1.11 -60.67	72.33 1.09 -54.42	67.30 1.05 -49.09

KEDC PORT_JEFF_GT2 24210	53.07 1.51 -34.26	53.08 1.68 -34.09	50.66 1.54 -32.32	50.15 1.51 -31.81	50.16 1.63 -31.21	51.54 1.42 -32.79	57.76 1.98 -35.33	70.29 2.58 -45.05	72.72 3.05 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.05 1.90 -53.37	60.21 1.90 -41.51	65.32 1.93 -46.58	68.88 1.96 -50.11	69.63 1.95 -50.88	70.83 1.91 -52.41	72.07 1.80 -53.77	75.24 1.89 -56.94	84.00 1.99 -65.18	97.20 2.02 -78.22	75.03 1.80 -56.41	70.33 1.98 -51.53	63.46 1.97 -44.33
KEDC PORT_JEFF_GT3 24211	53.07 1.51 -34.26	53.08 1.68 -34.09	50.66 1.54 -32.32	50.15 1.51 -31.81	50.16 1.63 -31.21	51.54 1.42 -32.79	57.76 1.98 -35.33	70.29 2.58 -45.05	72.72 3.05 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.05 1.90 -53.37	60.21 1.90 -41.51	65.32 1.93 -46.58	68.88 1.96 -50.11	69.63 1.95 -50.88	70.83 1.91 -52.41	72.07 1.80 -53.77	75.24 1.89 -56.94	84.00 1.99 -65.18	97.20 2.02 -78.22	75.03 1.80 -56.41	70.33 1.98 -51.53	63.46 1.97 -44.33
KEDC_GLWD_GT4 24219	53.12 1.56 -34.26	52.94 1.54 -34.09	50.55 1.43 -32.32	50.05 1.41 -31.81	50.04 1.51 -31.21	51.59 1.47 -32.79	57.74 1.96 -35.33	70.02 2.31 -45.05	72.42 2.75 -44.67	63.46 2.27 -40.72	70.77 1.96 -51.46	72.04 1.88 -53.37	60.21 1.90 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.74 1.83 -52.41	72.04 1.77 -53.77	75.09 1.74 -56.94	83.83 1.82 -65.18	97.03 1.85 -78.22	74.98 1.75 -56.41	70.08 1.73 -51.53	63.17 1.68 -44.33
KEDC_GLWD_GT5 24220	53.12 1.56 -34.26	52.94 1.54 -34.09	50.55 1.43 -32.32	50.05 1.41 -31.81	50.04 1.51 -31.21	51.59 1.47 -32.79	57.74 1.96 -35.33	70.02 2.31 -45.05	72.42 2.75 -44.67	63.46 2.27 -40.72	70.77 1.96 -51.46	72.04 1.88 -53.37	60.21 1.90 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.74 1.83 -52.41	72.04 1.77 -53.77	75.09 1.74 -56.94	83.83 1.82 -65.18	97.03 1.85 -78.22	74.98 1.75 -56.41	70.08 1.73 -51.53	63.17 1.68 -44.33
KENSICO____ 23655	52.89 1.37 -34.21	52.67 1.31 -34.05	50.30 1.23 -32.27	49.80 1.21 -31.77	49.77 1.28 -31.16	51.37 1.30 -32.75	57.43 1.70 -35.28	69.51 1.86 -44.99	68.08 2.25 -40.83	62.99 1.86 -40.67	59.73 1.61 -40.77	61.06 1.54 -42.73	59.82 1.56 -41.45	59.67 1.54 -41.32	57.80 1.56 -39.44	59.82 1.56 -41.45	62.37 1.50 -44.37	64.95 1.47 -46.99	73.41 1.43 -55.57	81.66 1.50 -63.32	78.77 1.51 -60.30	63.86 1.45 -45.60	59.11 1.40 -40.89	55.37 1.32 -36.89
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.98 1.42 -33.25	51.77 1.37 -33.09	49.46 1.29 -31.37	48.97 1.28 -30.88	48.95 1.33 -30.29	50.45 1.30 -31.83	56.43 1.70 -34.29	68.10 1.72 -43.72	66.71 2.02 -39.69	61.65 1.66 -39.52	58.36 1.39 -39.63	59.52 1.31 -41.42	58.41 1.33 -40.29	58.26 1.29 -40.16	56.46 1.33 -38.33	58.41 1.33 -40.29	60.94 1.32 -43.12	63.55 1.39 -45.66	71.75 1.33 -54.00	79.82 1.45 -61.54	77.02 1.46 -58.61	62.58 1.45 -44.31	57.91 1.35 -39.74	54.31 1.30 -35.85
KIAC_JFK_GT1 23816	52.88 1.31 -34.25	52.64 1.25 -34.09	50.26 1.14 -32.31	49.75 1.13 -31.81	49.70 1.18 -31.20	51.37 1.26 -32.79	57.47 1.70 -35.32	69.65 1.95 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.71	59.83 1.66 -40.82	61.16 1.60 -42.78	59.93 1.63 -41.50	59.79 1.61 -41.37	57.91 1.63 -39.48	59.93 1.63 -41.50	62.47 1.55 -44.42	64.99 1.45 -47.04	73.49 1.44 -55.63	81.73 1.50 -63.40	78.88 1.54 -60.38	63.88 1.41 -45.65	59.26 1.50 -40.94	55.47 1.37 -36.94
KIAC_JFK_GT2 23817	52.88 1.31 -34.25	52.64 1.25 -34.09	50.26 1.14 -32.31	49.75 1.13 -31.81	49.70 1.18 -31.20	51.37 1.26 -32.79	57.47 1.70 -35.32	69.65 1.95 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.71	59.83 1.66 -40.82	61.16 1.60 -42.78	59.93 1.63 -41.50	59.79 1.61 -41.37	57.91 1.63 -39.48	59.93 1.63 -41.50	62.47 1.55 -44.42	64.99 1.45 -47.04	73.49 1.44 -55.63	81.73 1.50 -63.40	78.88 1.54 -60.38	63.88 1.41 -45.65	59.26 1.50 -40.94	55.47 1.37 -36.94
KINTIGH____ 23543	22.94 0.10 -5.53	22.94 0.14 -5.50	22.05 0.03 -5.21	22.05 0.10 -5.13	22.50 0.14 -5.03	22.77 0.16 -5.29	26.70 0.55 -5.70	29.74 -0.18 -7.27	31.07 -0.53 -6.59	26.75 -0.29 -6.57	23.56 -0.36 -6.59	23.09 -0.55 -6.85	22.96 -0.54 -6.69	22.90 -0.57 -6.67	22.63 -0.54 -6.37	22.87 -0.62 -6.69	22.26 -0.53 -6.29	22.53 -0.63 -6.66	23.74 -0.56 -7.88	25.43 -0.39 -8.98	25.24 -0.27 -8.55	22.87 -0.42 -6.47	22.28 -0.34 -5.80	22.54 0.15 -5.23
LACHUTE____HYDRO 323717	63.96 1.04 -45.61	63.79 1.09 -45.39	61.06 1.23 -43.03	60.44 1.26 -42.36	60.16 1.28 -41.55	62.46 1.47 -43.66	69.26 1.78 -47.03	84.43 1.79 -59.98	81.51 2.07 -54.44	76.26 1.58 -54.22	72.85 1.14 -54.36	73.76 1.12 -55.85	73.17 1.13 -55.24	72.95 1.06 -55.09	70.42 1.04 -52.58	73.05 1.01 -55.24	76.79 1.11 -59.19	80.33 1.15 -62.68	91.75 1.21 -74.13	102.67 1.36 -84.47	98.74 1.34 -80.44	78.99 1.35 -60.82	72.68 1.31 -54.55	67.54 1.17 -49.21
LEDERLE____ 23769	52.26 1.40 -33.55	52.05 1.35 -33.39	49.71 1.26 -31.65	49.22 1.24 -31.16	49.20 1.32 -30.56	50.76 1.32 -32.12	56.77 1.72 -34.60	68.64 1.86 -44.12	67.30 2.25 -40.05	62.21 1.86 -39.88	58.92 1.59 -39.99	60.21 1.53 -41.90	59.00 1.54 -40.66	58.87 1.54 -40.53	57.04 1.56 -38.68	59.02 1.56 -40.66	61.51 1.50 -43.51	64.08 1.50 -46.08	72.34 1.43 -54.50	80.45 1.52 -62.10	77.64 1.54 -59.14	63.02 1.48 -44.72	58.34 1.41 -40.11	54.68 1.34 -36.18
LINDEN COGEN____ 23786	52.91 1.35 -34.25	52.69 1.30 -34.09	50.31 1.19 -32.31	49.79 1.16 -31.81	49.77 1.25 -31.20	51.41 1.30 -32.79	57.51 1.74 -35.32	69.67 1.97 -45.04	68.31 2.42 -40.88	63.21 2.03 -40.71	59.93 1.77 -40.82	61.26 1.69 -42.78	60.02 1.71 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.48	60.03 1.73 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.54 1.49 -55.63	74.55 1.52 -56.20	78.93 1.59 -60.38	64.00 1.53 -45.65	59.21 1.45 -40.94	55.42 1.32 -36.94
LIPA_MISC_IPP 23656	52.93 1.37 -34.26	53.01 1.61 -34.09	50.60 1.48 -32.32	50.08 1.45 -31.81	50.09 1.56 -31.21	51.40 1.28 -32.79	57.60 1.82 -35.33	70.02 2.31 -45.05	72.42 2.75 -44.67	63.33 2.15 -40.72	70.63 1.82 -51.46	71.85 1.69 -53.37	60.01 1.70 -41.51	65.12 1.73 -46.58	68.66 1.75 -50.11	69.43 1.75 -50.88	70.63 1.72 -52.41	71.92 1.65 -53.77	75.08 1.72 -56.94	83.83 1.82 -65.18	97.03 1.85 -78.22	74.92 1.68 -56.41	70.18 1.83 -51.53	63.29 1.80 -44.33
LISF____SOLAR 323691	52.95 1.39 -34.26	53.05 1.65 -34.09	50.61 1.49 -32.32	50.09 1.46 -31.81	50.11 1.58 -31.21	51.42 1.30 -32.79	57.62 1.84 -35.33	70.04 2.33 -45.05	72.47 2.80 -44.67	63.33 2.15 -40.72	70.63 1.82 -51.46	71.85 1.69 -53.37	60.01 1.70 -41.51	65.10 1.71 -46.58	68.68 1.76 -50.11	69.43 1.75 -50.88	70.63 1.72 -52.41	71.94 1.67 -53.77	75.09 1.74 -56.94	83.85 1.84 -65.18	97.05 1.87 -78.22	74.95 1.72 -56.41	70.20 1.85 -51.53	63.31 1.82 -44.33
LITTLE FALLS____HYD 24013	17.72 0.41 0.00	17.74 0.43 0.00	17.22 0.42 0.00	17.27 0.45 0.00	17.84 0.52 0.00	17.86 0.54 0.00	21.15 0.70 0.00	23.32 0.66 0.00	25.73 0.73 0.00	21.06 0.59 0.00	17.76 0.42 0.00	17.12 0.34 0.00	17.12 0.32 0.00	17.07 0.27 0.00	17.05 0.25 0.00	17.05 0.25 0.00	16.75 0.25 0.00	16.81 0.31 0.00	16.71 0.30 0.00	17.17 0.34 0.00	17.28 0.32 0.00	17.16 0.34 0.00	17.14 0.32 0.00	17.55 0.39 0.00

LI_NEWBRIDGE___DRP 323616	53.11 1.54 -34.26	52.98 1.57 -34.09	50.58 1.46 -32.32	50.08 1.45 -31.81	50.07 1.54 -31.21	51.59 1.47 -32.79	57.76 1.98 -35.33	70.13 2.43 -45.05	72.55 2.87 -44.67	63.54 2.35 -40.72	70.80 1.99 -51.46	72.04 1.88 -53.37	60.22 1.91 -41.51	65.30 1.91 -46.58	68.86 1.95 -50.11	69.61 1.93 -50.88	70.78 1.86 -52.41	72.05 1.78 -53.77	75.14 1.79 -56.94	83.87 1.85 -65.18	97.07 1.88 -78.22	75.00 1.77 -56.41	70.18 1.83 -51.53	63.29 1.80 -44.33
LOCKPORT___CC1 323769	23.58 0.28 -6.00	23.59 0.31 -5.97	22.64 0.19 -5.66	22.64 0.25 -5.57	23.10 0.31 -5.46	23.39 0.33 -5.74	27.47 0.84 -6.18	30.45 -0.09 -7.88	31.71 -0.45 -7.16	27.39 -0.20 -7.13	24.19 -0.29 -7.14	23.68 -0.54 -7.43	23.54 -0.52 -7.26	23.47 -0.57 -7.24	23.19 -0.52 -6.91	23.43 -0.64 -7.26	22.93 -0.54 -6.97	23.20 -0.68 -7.38	24.57 -0.57 -8.73	26.41 -0.37 -9.95	26.23 -0.20 -9.47	23.60 -0.39 -7.16	22.94 -0.30 -6.43	23.26 0.31 -5.80
LOCKPORT___CC2 323770	23.58 0.28 -6.00	23.59 0.31 -5.97	22.64 0.19 -5.66	22.64 0.25 -5.57	23.10 0.31 -5.46	23.39 0.33 -5.74	27.47 0.84 -6.18	30.45 -0.09 -7.88	31.71 -0.45 -7.16	27.39 -0.20 -7.13	24.19 -0.29 -7.14	23.68 -0.54 -7.43	23.54 -0.52 -7.26	23.47 -0.57 -7.24	23.19 -0.52 -6.91	23.43 -0.64 -7.26	22.93 -0.54 -6.97	23.20 -0.68 -7.38	24.57 -0.57 -8.73	26.41 -0.37 -9.95	26.23 -0.20 -9.47	23.60 -0.39 -7.16	22.94 -0.30 -6.43	23.26 0.31 -5.80
LOCKPORT___CC3 323771	23.58 0.28 -6.00	23.59 0.31 -5.97	22.64 0.19 -5.66	22.64 0.25 -5.57	23.10 0.31 -5.46	23.39 0.33 -5.74	27.47 0.84 -6.18	30.45 -0.09 -7.88	31.71 -0.45 -7.16	27.39 -0.20 -7.13	24.19 -0.29 -7.14	23.68 -0.54 -7.43	23.54 -0.52 -7.26	23.47 -0.57 -7.24	23.19 -0.52 -6.91	23.43 -0.64 -7.26	22.93 -0.54 -6.97	23.20 -0.68 -7.38	24.57 -0.57 -8.73	26.41 -0.37 -9.95	26.23 -0.20 -9.47	23.60 -0.39 -7.16	22.94 -0.30 -6.43	23.26 0.31 -5.80
LONG_LAKE_PHOENIX 24014	20.65 0.14 -3.21	20.64 0.14 -3.19	19.94 0.12 -3.02	20.00 0.20 -2.98	20.47 0.22 -2.92	20.62 0.22 -3.07	24.14 0.39 -3.31	27.28 0.41 -4.22	29.28 0.45 -3.83	24.66 0.39 -3.81	21.41 0.26 -3.81	20.85 0.10 -3.96	20.77 0.08 -3.88	20.78 0.10 -3.87	20.60 0.10 -3.70	20.85 0.17 -3.88	20.72 0.12 -4.11	21.06 0.21 -4.35	21.72 0.16 -5.15	22.94 0.24 -5.86	22.83 0.29 -5.58	21.28 0.24 -4.22	20.79 0.19 -3.79	20.81 0.24 -3.42
LOVETT___3 23632	52.25 1.31 -33.63	52.04 1.26 -33.47	49.72 1.19 -31.73	49.23 1.18 -31.23	49.19 1.23 -30.64	50.76 1.25 -32.19	56.75 1.62 -34.68	68.65 1.77 -44.23	67.26 2.12 -40.14	62.20 1.76 -39.98	58.95 1.53 -40.08	60.24 1.46 -41.99	59.03 1.48 -40.75	58.88 1.46 -40.62	57.06 1.49 -38.77	59.05 1.49 -40.75	61.55 1.43 -43.61	64.09 1.40 -46.19	72.38 1.35 -54.62	80.51 1.43 -62.25	77.68 1.44 -59.28	63.04 1.40 -44.82	58.35 1.33 -40.20	54.69 1.27 -36.27
LOVETT___4 23642	52.25 1.31 -33.63	52.04 1.26 -33.47	49.72 1.19 -31.73	49.23 1.18 -31.23	49.19 1.23 -30.64	50.76 1.25 -32.19	56.75 1.62 -34.68	68.65 1.77 -44.23	67.26 2.12 -40.14	62.20 1.76 -39.98	58.95 1.53 -40.08	60.24 1.46 -41.99	59.03 1.48 -40.75	58.88 1.46 -40.62	57.06 1.49 -38.77	59.05 1.49 -40.75	61.55 1.43 -43.61	64.09 1.40 -46.19	72.38 1.35 -54.62	80.51 1.43 -62.25	77.68 1.44 -59.28	63.04 1.40 -44.82	58.35 1.33 -40.20	54.69 1.27 -36.27
LOVETT___5 23593	52.25 1.31 -33.63	52.04 1.26 -33.47	49.72 1.19 -31.73	49.23 1.18 -31.23	49.19 1.23 -30.64	50.76 1.25 -32.19	56.75 1.62 -34.68	68.65 1.77 -44.23	67.26 2.12 -40.14	62.20 1.76 -39.98	58.95 1.53 -40.08	60.24 1.46 -41.99	59.03 1.48 -40.75	58.88 1.46 -40.62	57.06 1.49 -38.77	59.05 1.49 -40.75	61.55 1.43 -43.61	64.09 1.40 -46.19	72.38 1.35 -54.62	80.51 1.43 -62.25	77.68 1.44 -59.28	63.04 1.40 -44.82	58.35 1.33 -40.20	54.69 1.27 -36.27
LOWER RAQUET___HYD 24057	16.27 -1.04 0.00	16.27 -1.04 0.00	15.78 -1.03 0.00	15.74 -1.08 0.00	16.30 -1.02 0.00	16.34 -0.99 0.00	19.14 -1.31 0.00	21.37 -1.29 0.00	23.52 -1.48 0.00	19.18 -1.29 0.00	16.28 -1.06 0.00	15.83 -0.96 0.00	15.78 -1.03 0.00	15.81 -0.99 0.00	15.76 -1.04 0.00	15.73 -1.08 0.00	15.49 -1.01 0.00	15.53 -0.97 0.00	15.53 -0.89 0.00	15.78 -1.06 0.00	15.86 -1.10 0.00	15.79 -1.03 0.00	15.79 -1.03 0.00	16.01 -1.15 0.00
LOWER___HUDSON 24059	62.47 0.95 -44.21	62.23 0.92 -44.00	59.42 0.91 -41.71	58.82 0.94 -41.06	58.55 0.95 -40.27	60.70 1.06 -42.32	67.35 1.31 -45.59	82.14 1.34 -58.14	79.17 1.40 -52.77	74.19 1.17 -52.55	70.95 0.92 -52.69	71.66 0.87 -54.01	71.20 0.86 -53.54	71.06 0.86 -53.40	68.62 0.86 -50.97	71.19 0.84 -53.54	74.72 0.86 -57.37	78.16 0.91 -60.75	89.20 0.94 -71.85	99.80 1.09 -81.87	95.92 0.98 -77.97	76.77 0.99 -58.95	70.62 0.92 -52.88	65.73 0.87 -47.70
LWR___OSWEGATCHIE_HYD 23850	17.35 -0.66 -0.70	17.34 -0.66 -0.69	16.80 -0.66 -0.66	16.79 -0.67 -0.65	17.35 -0.61 -0.64	17.44 -0.56 -0.67	20.41 -0.76 -0.72	22.92 -0.66 -0.92	25.03 -0.80 -0.83	20.56 -0.74 -0.83	17.53 -0.64 -0.83	17.01 -0.64 -0.86	16.92 -0.72 -0.84	16.94 -0.71 -0.84	16.85 -0.76 -0.80	16.89 -0.76 -0.84	16.68 -0.71 -0.89	16.80 -0.64 -0.94	16.95 -0.57 -1.11	17.47 -0.64 -1.27	17.52 -0.64 -1.21	17.11 -0.62 -0.91	17.07 -0.57 -0.82	17.26 -0.63 -0.74
LYONS_FALL_HYD 23570	18.22 0.07 -0.84	18.20 0.05 -0.84	17.65 0.05 -0.79	17.65 0.05 -0.78	18.21 0.12 -0.77	18.30 0.17 -0.81	21.58 0.27 -0.87	24.11 0.34 -1.11	26.36 0.35 -1.01	21.69 0.23 -1.00	18.48 0.14 -1.00	17.89 0.07 -1.04	17.84 0.02 -1.02	17.82 0.00 -1.02	17.76 -0.02 -0.97	17.81 -0.02 -1.02	17.59 0.02 -1.07	17.78 0.15 -1.14	17.86 0.10 -1.34	18.52 0.15 -1.53	18.59 0.17 -1.46	18.09 0.17 -1.10	17.93 0.12 -0.99	18.17 0.12 -0.89
MADISON___COUNTY_LFGE 323628	19.54 0.38 -1.85	19.51 0.36 -1.84	18.88 0.34 -1.75	18.91 0.37 -1.72	19.43 0.42 -1.69	19.55 0.45 -1.77	23.01 0.65 -1.91	25.79 0.70 -2.43	27.96 0.75 -2.21	23.30 0.64 -2.20	19.99 0.45 -2.20	19.43 0.35 -2.29	19.36 0.32 -2.24	19.37 0.34 -2.23	19.29 0.35 -2.13	19.40 0.35 -2.24	19.21 0.35 -2.37	19.45 0.45 -2.51	19.74 0.36 -2.97	20.65 0.44 -3.38	20.65 0.47 -3.22	19.69 0.44 -2.43	19.37 0.37 -2.18	19.54 0.41 -1.97
MAPLE_RIDGE_WT_1 323574	15.67 -0.26 1.38	15.62 -0.31 1.38	15.13 -0.37 1.30	15.13 -0.40 1.28	15.63 -0.43 1.26	15.57 -0.43 1.32	18.51 -0.51 1.43	20.27 -0.57 1.82	22.75 -0.60 1.65	18.29 -0.53 1.64	15.17 -0.52 1.65	14.50 -0.50 1.78	14.62 -0.50 1.68	14.63 -0.50 1.67	14.69 -0.52 1.59	14.62 -0.50 1.68	14.24 -0.46 1.80	14.15 -0.44 1.91	13.71 -0.44 2.26	13.81 -0.45 2.57	14.05 -0.46 2.45	14.53 -0.44 1.85	14.74 -0.42 1.66	15.21 -0.45 1.50
MAPLE_RIDGE_WT_2 323611	15.67 -0.26 1.38	15.62 -0.31 1.38	15.13 -0.37 1.30	15.13 -0.40 1.28	15.63 -0.43 1.26	15.57 -0.43 1.32	18.51 -0.51 1.43	20.27 -0.57 1.82	22.75 -0.60 1.65	18.29 -0.53 1.64	15.17 -0.52 1.65	14.50 -0.50 1.78	14.62 -0.50 1.68	14.63 -0.50 1.67	14.69 -0.52 1.59	14.62 -0.50 1.68	14.24 -0.46 1.80	14.15 -0.44 1.91	13.71 -0.44 2.26	13.81 -0.45 2.57	14.05 -0.46 2.45	14.53 -0.44 1.85	14.74 -0.42 1.66	15.21 -0.45 1.50

MARBLE_RIVER_WT_PWR 323696	16.79 -0.52 0.00	16.81 -0.50 0.00	16.25 -0.55 0.00	16.21 -0.60 0.00	16.79 -0.54 0.00	16.81 -0.52 0.00	19.59 -0.86 0.00	21.96 -0.70 0.00	24.12 -0.88 0.00	19.57 -0.90 0.00	16.53 -0.81 0.00	16.00 -0.79 0.00	15.86 -0.94 0.00	15.84 -0.96 0.00	15.79 -1.01 0.00	15.78 -1.03 0.00	15.44 -1.06 0.00	15.44 -1.06 0.00	15.40 -1.02 0.00	15.74 -1.09 0.00	15.84 -1.12 0.00	15.74 -1.08 0.00	15.86 -0.96 0.00	16.18 -0.98 0.00
MARSH_HILL_WT_PWR 323713	26.43 0.90 -8.22	26.39 0.90 -8.18	25.35 0.79 -7.76	25.36 0.91 -7.64	25.80 0.99 -7.49	26.23 1.04 -7.87	30.54 1.62 -8.48	34.63 1.15 -10.81	35.81 1.00 -9.81	31.02 0.78 -9.77	27.64 0.48 -9.81	27.18 0.18 -10.21	26.93 0.17 -9.96	26.88 0.15 -9.93	26.48 0.20 -9.48	26.91 0.15 -9.96	26.91 0.23 -10.18	27.46 0.18 -10.78	29.43 0.26 -12.75	31.87 0.50 -14.53	31.44 0.64 -13.84	27.75 0.47 -10.46	26.66 0.45 -9.39	26.45 0.82 -8.47
MG_INDUSTRY___DRP 24185	59.18 0.92 -40.96	58.97 0.90 -40.76	56.33 0.89 -38.64	55.73 0.87 -38.03	55.52 0.88 -37.31	57.41 0.88 -39.20	63.77 1.08 -42.23	77.63 1.11 -53.86	75.18 1.30 -48.88	70.21 1.06 -48.68	67.05 0.90 -48.81	68.14 0.86 -50.49	67.29 0.87 -49.61	67.14 0.87 -49.47	64.90 0.89 -47.21	67.29 0.87 -49.61	70.49 0.86 -53.14	73.65 0.87 -56.27	83.80 0.84 -66.55	93.55 0.87 -75.84	90.08 0.90 -72.22	72.30 0.87 -54.61	66.67 0.87 -48.98	62.22 0.87 -44.18
MID___OSWEGATCHIE_HYD 23849	17.35 -0.66 -0.70	17.34 -0.66 -0.69	16.80 -0.66 -0.66	16.79 -0.67 -0.65	17.35 -0.61 -0.64	17.44 -0.56 -0.67	20.41 -0.76 -0.72	22.92 -0.66 -0.92	25.03 -0.80 -0.83	20.56 -0.74 -0.83	17.53 -0.64 -0.83	17.01 -0.64 -0.86	16.92 -0.72 -0.84	16.94 -0.71 -0.84	16.85 -0.76 -0.80	16.89 -0.76 -0.84	16.68 -0.71 -0.89	16.80 -0.64 -0.94	16.95 -0.57 -1.11	17.47 -0.64 -1.27	17.52 -0.64 -1.21	17.11 -0.62 -0.91	17.07 -0.57 -0.82	17.26 -0.63 -0.74
MID___RAQUETTE_HYD 23851	16.27 -1.04 0.00	16.27 -1.04 0.00	15.78 -1.03 0.00	15.74 -1.08 0.00	16.30 -1.02 0.00	16.34 -0.99 0.00	19.14 -1.31 0.00	21.37 -1.29 0.00	23.52 -1.48 0.00	19.18 -1.29 0.00	16.28 -1.06 0.00	15.83 -0.96 0.00	15.78 -1.03 0.00	15.81 -0.99 0.00	15.76 -1.04 0.00	15.73 -1.08 0.00	15.49 -1.01 0.00	15.53 -0.97 0.00	15.53 -0.89 0.00	15.78 -1.06 0.00	15.86 -1.10 0.00	15.79 -1.03 0.00	15.79 -1.03 0.00	16.01 -1.15 0.00
MILLIKEN___1 23584	25.29 0.52 -7.46	25.25 0.52 -7.42	24.33 0.49 -7.04	24.30 0.55 -6.93	24.71 0.59 -6.79	25.07 0.61 -7.14	29.02 0.88 -7.69	33.40 0.93 -9.81	34.80 0.90 -8.90	30.05 0.72 -8.87	26.71 0.47 -8.90	26.40 0.35 -9.26	26.24 0.40 -9.04	26.20 0.39 -9.01	25.82 0.42 -8.60	26.27 0.44 -9.04	26.41 0.45 -9.47	27.07 0.54 -10.03	28.75 0.48 -11.86	30.90 0.55 -13.51	30.47 0.64 -12.87	27.10 0.55 -9.73	26.05 0.50 -8.73	25.63 0.60 -7.87
MILLIKEN___2 23585	25.29 0.52 -7.46	25.25 0.52 -7.42	24.33 0.49 -7.04	24.30 0.55 -6.93	24.71 0.59 -6.79	25.07 0.61 -7.14	29.02 0.88 -7.69	33.40 0.93 -9.81	34.80 0.90 -8.90	30.05 0.72 -8.87	26.71 0.47 -8.90	26.40 0.35 -9.26	26.24 0.40 -9.04	26.20 0.39 -9.01	25.82 0.42 -8.60	26.27 0.44 -9.04	26.41 0.45 -9.47	27.07 0.54 -10.03	28.75 0.48 -11.86	30.90 0.55 -13.51	30.47 0.64 -12.87	27.10 0.55 -9.73	26.05 0.50 -8.73	25.63 0.60 -7.87
MILLIKEN___DIESEL 23629	25.29 0.52 -7.46	25.25 0.52 -7.42	24.33 0.49 -7.04	24.30 0.55 -6.93	24.71 0.59 -6.79	25.07 0.61 -7.14	29.02 0.88 -7.69	33.40 0.93 -9.81	34.80 0.90 -8.90	30.05 0.72 -8.87	26.71 0.47 -8.90	26.40 0.35 -9.26	26.24 0.40 -9.04	26.20 0.39 -9.01	25.82 0.42 -8.60	26.27 0.44 -9.04	26.41 0.45 -9.47	27.07 0.54 -10.03	28.75 0.48 -11.86	30.90 0.55 -13.51	30.47 0.64 -12.87	27.10 0.55 -9.73	26.05 0.50 -8.73	25.63 0.60 -7.87
MILLSEAT___LFGE 323607	23.53 0.43 -5.79	23.54 0.47 -5.76	22.60 0.34 -5.46	22.60 0.40 -5.38	23.07 0.47 -5.27	23.37 0.50 -5.54	27.48 1.06 -5.97	30.52 0.25 -7.61	31.79 -0.12 -6.91	27.37 0.02 -6.88	24.15 -0.09 -6.90	23.61 -0.35 -7.18	23.50 -0.32 -7.01	23.42 -0.37 -6.99	23.16 -0.32 -6.67	23.41 -0.40 -7.01	22.85 -0.33 -6.68	23.12 -0.46 -7.08	24.42 -0.36 -8.37	26.27 -0.10 -9.54	26.10 0.05 -9.08	23.54 -0.15 -6.87	22.90 -0.08 -6.16	23.19 0.48 -5.56
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.76 1.31 -34.14	52.57 1.28 -33.98	50.20 1.19 -32.21	49.70 1.18 -31.70	49.67 1.25 -31.10	51.27 1.26 -32.68	57.29 1.64 -35.21	69.34 1.79 -44.90	67.90 2.15 -40.75	62.83 1.78 -40.58	59.57 1.54 -40.69	60.90 1.48 -42.64	59.66 1.49 -41.37	59.52 1.48 -41.24	57.65 1.49 -39.36	59.66 1.49 -41.37	62.21 1.43 -44.28	64.81 1.42 -46.89	73.23 1.36 -55.45	81.46 1.43 -63.19	78.60 1.46 -60.18	63.72 1.40 -45.50	58.98 1.35 -40.81	55.24 1.27 -36.82
MODEL_CITY_ENERGY 24167	23.40 0.07 -6.03	23.41 0.10 -6.00	22.47 -0.02 -5.69	22.47 0.05 -5.60	22.92 0.10 -5.49	23.20 0.10 -5.77	27.22 0.55 -6.21	30.18 -0.41 -7.93	31.37 -0.82 -7.19	27.14 -0.49 -7.16	23.96 -0.56 -7.17	23.48 -0.77 -7.47	23.35 -0.76 -7.30	23.28 -0.81 -7.28	22.99 -0.76 -6.95	23.25 -0.86 -7.30	22.73 -0.78 -7.01	23.01 -0.91 -7.42	24.38 -0.80 -8.77	26.23 -0.61 -10.00	26.02 -0.46 -9.52	23.40 -0.62 -7.20	22.74 -0.54 -6.46	23.09 0.10 -5.83
MODERN_LFGE___ 323580	23.40 0.07 -6.03	23.41 0.10 -6.00	22.47 -0.02 -5.69	22.47 0.05 -5.60	22.92 0.10 -5.49	23.20 0.10 -5.77	27.22 0.55 -6.21	30.18 -0.41 -7.93	31.37 -0.82 -7.19	27.14 -0.49 -7.16	23.96 -0.56 -7.17	23.48 -0.77 -7.47	23.35 -0.76 -7.30	23.28 -0.81 -7.28	22.99 -0.76 -6.95	23.25 -0.86 -7.30	22.73 -0.78 -7.01	23.01 -0.91 -7.42	24.38 -0.80 -8.77	26.23 -0.61 -10.00	26.02 -0.46 -9.52	23.40 -0.62 -7.20	22.74 -0.54 -6.46	23.09 0.10 -5.83
MOHAWK_PAPER___DRP 24187	61.55 1.04 -43.20	61.30 1.00 -42.99	58.54 0.99 -40.75	57.96 1.03 -40.12	57.71 1.04 -39.35	59.78 1.11 -41.35	66.35 1.35 -44.55	80.87 1.41 -56.81	78.06 1.50 -51.56	73.08 1.27 -51.35	69.83 1.01 -51.48	70.61 0.97 -52.85	70.08 0.96 -52.32	69.94 0.96 -52.18	67.57 0.97 -49.80	70.08 0.96 -52.32	73.51 0.96 -56.05	76.85 0.99 -59.36	87.63 1.02 -70.20	97.96 1.13 -79.99	94.19 1.05 -76.18	75.48 1.06 -57.60	69.49 1.01 -51.66	64.74 0.98 -46.61
MONGAUP___HYD 23641	51.07 1.12 -32.63	50.84 1.06 -32.48	48.58 0.99 -30.79	48.12 0.99 -30.31	48.09 1.04 -29.73	49.60 1.04 -31.24	55.25 1.14 -33.65	66.68 1.11 -42.91	65.32 1.37 -38.95	60.38 1.12 -38.79	57.19 0.95 -38.89	58.41 0.89 -40.74	57.40 1.06 -39.54	57.26 1.04 -39.42	55.48 1.06 -37.62	57.40 1.06 -39.54	59.72 0.91 -42.32	62.24 0.92 -44.82	70.30 0.89 -53.00	78.21 0.98 -60.40	75.44 0.97 -57.52	61.25 0.94 -43.49	56.70 0.87 -39.00	53.39 1.05 -35.19
MONTAUK___DIESEL 23721	53.33 1.77 -34.26	53.42 2.02 -34.09	51.00 1.88 -32.32	50.47 1.83 -31.81	50.49 1.96 -31.21	51.76 1.65 -32.79	58.07 2.29 -35.33	70.67 2.97 -45.05	73.12 3.45 -44.67	63.87 2.68 -40.72	71.08 2.27 -51.46	72.29 2.13 -53.37	60.38 2.07 -41.51	65.47 2.08 -46.58	69.05 2.13 -50.11	69.88 2.20 -50.88	71.07 2.16 -52.41	72.32 2.05 -53.77	75.60 2.25 -56.94	84.42 2.41 -65.18	97.57 2.39 -78.22	75.39 2.15 -56.41	70.70 2.35 -51.53	63.79 2.30 -44.33



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	52.98 1.42 -34.26	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.47 1.35 -32.79	57.55 1.78 -35.32	69.65 1.95 -45.05	68.26 2.38 -40.88	63.17 1.98 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	59.99 1.68 -41.50	59.86 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.93 1.59 -60.38	63.99 1.51 -45.65	59.25 1.48 -40.95	55.49 1.39 -36.94
MUNSVILLE_WIND_PWR 323609	29.59 1.23 -11.05	29.52 1.21 -11.00	28.39 1.16 -10.43	28.28 1.19 -10.26	28.71 1.32 -10.07	29.27 1.37 -10.58	33.77 1.92 -11.40	39.35 2.15 -14.54	40.34 2.15 -13.19	35.37 1.76 -13.14	31.82 1.30 -13.18	31.50 1.01 -13.71	31.20 1.01 -13.39	31.18 1.03 -13.35	30.59 1.04 -12.74	31.25 1.06 -13.39	31.62 0.94 -14.18	32.70 1.19 -15.01	35.25 1.08 -17.75	38.30 1.23 -20.23	37.53 1.31 -19.27	32.60 1.21 -14.57	31.00 1.11 -13.07	30.13 1.18 -11.79
N SALMON___HYD 24042	16.77 -0.54 0.00	16.81 -0.50 0.00	16.25 -0.55 0.00	16.21 -0.60 0.00	16.84 -0.48 0.00	16.86 -0.47 0.00	19.71 -0.74 0.00	22.02 -0.63 0.00	24.18 -0.82 0.00	19.67 -0.80 0.00	16.65 -0.69 0.00	16.15 -0.64 0.00	16.03 -0.77 0.00	16.05 -0.76 0.00	16.00 -0.81 0.00	15.95 -0.86 0.00	15.61 -0.89 0.00	15.64 -0.86 0.00	15.63 -0.79 0.00	15.96 -0.88 0.00	16.06 -0.90 0.00	15.96 -0.86 0.00	16.01 -0.81 0.00	16.30 -0.86 0.00
N.E._GEN_SANDY PD 24062	57.37 1.04 -39.02	57.13 0.99 -38.84	54.59 0.97 -36.81	54.07 1.01 -36.24	53.89 1.02 -35.55	55.77 1.09 -37.35	62.02 1.33 -40.24	75.36 1.38 -51.32	73.05 1.47 -46.58	68.10 1.25 -46.39	64.87 1.02 -46.51	63.90 0.97 -46.14	65.00 0.97 -47.22	64.91 0.97 -47.13	62.78 0.99 -44.98	65.00 0.97 -47.22	68.10 0.97 -50.62	71.10 0.99 -53.61	80.82 1.00 -63.40	90.23 1.15 -72.25	86.80 1.03 -68.81	69.87 1.03 -52.02	64.42 0.94 -46.66	60.14 0.89 -42.09
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.24 1.33 -33.60	52.04 1.30 -33.44	49.71 1.21 -31.69	49.23 1.21 -31.20	49.19 1.26 -30.60	50.77 1.28 -32.16	56.75 1.66 -34.65	68.63 1.79 -44.18	67.27 2.17 -40.10	62.20 1.80 -39.94	58.93 1.54 -40.04	60.21 1.48 -41.95	59.00 1.49 -40.71	58.88 1.49 -40.58	57.04 1.51 -38.73	59.02 1.51 -40.71	61.52 1.45 -43.57	64.08 1.43 -46.14	72.36 1.38 -54.57	80.48 1.46 -62.18	77.65 1.47 -59.22	63.01 1.41 -44.78	58.34 1.36 -40.16	54.67 1.29 -36.23
NARROWS_GT1_1 24228	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT1_2 24229	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT1_3 24230	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT1_4 24231	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT1_5 24232	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT1_6 24233	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT1_7 24234	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT1_8 24235	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT2_1 24236	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT2_2 24237	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94

NARROWS_GT2_3 24238	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT2_4 24239	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT2_5 24240	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT2_6 24241	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT2_7 24242	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NARROWS_GT2_8 24243	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	55.07 1.23 -36.54	54.86 1.19 -36.36	52.43 1.16 -34.47	51.91 1.16 -33.93	51.80 1.19 -33.28	53.46 1.16 -34.97	59.58 1.45 -37.68	72.34 1.63 -48.04	70.51 1.90 -43.61	65.35 1.45 -43.43	62.10 1.21 -43.54	63.25 1.16 -45.31	62.22 1.16 -44.26	62.07 1.14 -44.13	60.06 1.14 -42.12	62.19 1.13 -44.26	65.03 1.14 -47.39	67.77 1.09 -50.19	76.98 1.21 -59.35	85.83 1.36 -67.63	82.68 1.31 -64.41	66.71 1.19 -48.70	61.76 1.26 -43.68	57.81 1.25 -39.41
NEG CAPITAL___MECHNVIL 23645	63.52 1.07 -45.14	63.25 1.02 -44.92	60.39 1.01 -42.58	59.78 1.04 -41.91	59.50 1.06 -41.11	61.72 1.19 -43.20	68.47 1.47 -46.54	83.57 1.56 -59.35	80.57 1.70 -53.87	75.51 1.39 -53.65	72.21 1.08 -53.79	73.04 1.04 -55.21	72.47 1.01 -54.66	72.33 1.01 -54.52	69.82 0.99 -52.03	72.44 0.97 -54.66	76.09 1.02 -58.57	79.58 1.06 -62.02	90.86 1.10 -73.35	101.68 1.26 -83.58	97.75 1.19 -79.60	78.17 1.16 -60.19	71.93 1.13 -53.98	66.92 1.06 -48.70
NEG CENTRAL_HIGH_ACRES 23767	22.07 -0.12 -4.88	22.06 -0.10 -4.86	21.24 -0.17 -4.60	21.25 -0.10 -4.53	21.70 -0.07 -4.45	21.94 -0.05 -4.67	25.75 0.27 -5.03	28.92 -0.16 -6.42	30.40 -0.43 -5.83	26.00 -0.27 -5.80	22.85 -0.31 -5.82	22.36 -0.49 -6.06	22.24 -0.47 -5.91	22.24 -0.45 -5.90	22.01 -0.42 -5.63	22.24 -0.47 -5.91	21.62 -0.40 -5.52	21.93 -0.41 -5.84	22.90 -0.43 -6.91	24.41 -0.30 -7.87	24.22 -0.24 -7.50	22.15 -0.34 -5.67	21.57 -0.34 -5.09	21.64 -0.10 -4.59
NEG CENTRAL___DRP 24199	22.73 0.31 -5.11	22.73 0.33 -5.09	21.89 0.27 -4.83	21.92 0.35 -4.75	22.38 0.40 -4.66	22.64 0.42 -4.90	26.46 0.74 -5.27	30.00 0.61 -6.73	31.65 0.55 -6.10	26.93 0.39 -6.08	23.70 0.24 -6.11	23.26 0.12 -6.36	23.15 0.15 -6.20	23.11 0.13 -6.18	22.87 0.17 -5.90	23.17 0.17 -6.20	22.94 0.21 -6.22	23.30 0.21 -6.59	24.39 0.18 -7.80	26.00 0.29 -8.88	25.79 0.37 -8.46	23.48 0.27 -6.40	22.79 0.24 -5.74	22.73 0.39 -5.18
NEG CENTRAL___INDECK 23768	26.86 1.39 -8.17	26.82 1.39 -8.13	25.77 1.26 -7.71	25.82 1.41 -7.59	26.29 1.52 -7.44	26.74 1.59 -7.82	31.25 2.37 -8.43	35.46 2.06 -10.74	36.68 1.93 -9.75	31.73 1.55 -9.71	28.25 1.16 -9.75	27.73 0.81 -10.14	27.47 0.77 -9.90	27.44 0.77 -9.87	27.14 0.92 -9.42	27.56 0.86 -9.90	27.57 0.97 -10.10	28.00 0.81 -10.70	30.00 0.94 -12.65	32.48 1.23 -14.42	32.08 1.39 -13.73	28.31 1.11 -10.38	27.31 1.18 -9.31	27.07 1.51 -8.40
NEG CENTRAL___SENECA 23627	23.55 0.48 -5.76	23.54 0.50 -5.73	22.67 0.44 -5.43	22.69 0.52 -5.35	23.16 0.59 -5.24	23.46 0.62 -5.51	27.43 1.04 -5.94	31.02 0.79 -7.57	32.55 0.68 -6.87	27.80 0.49 -6.84	24.49 0.28 -6.87	24.07 0.13 -7.15	23.94 0.17 -6.97	23.91 0.15 -6.95	23.64 0.20 -6.64	23.98 0.20 -6.97	23.64 0.25 -6.89	24.09 0.30 -7.30	25.27 0.23 -8.63	27.04 0.37 -9.83	26.78 0.46 -9.37	24.27 0.37 -7.08	23.47 0.30 -6.35	23.40 0.51 -5.73
NEG CENTRAL___STATE_STREET 24147	22.40 0.21 -4.88	22.38 0.21 -4.86	21.58 0.17 -4.61	21.59 0.24 -4.53	22.03 0.26 -4.45	22.29 0.29 -4.67	26.00 0.51 -5.03	29.78 0.70 -6.42	31.53 0.70 -5.83	26.94 0.67 -5.80	23.66 0.48 -5.84	23.19 0.34 -6.07	23.09 0.37 -5.91	23.10 0.40 -5.90	22.83 0.40 -5.63	23.15 0.44 -5.91	22.92 0.36 -6.06	23.17 0.25 -6.42	24.32 0.31 -7.59	25.86 0.37 -8.65	25.66 0.46 -8.24	23.30 0.25 -6.23	22.78 0.37 -5.59	22.68 0.48 -5.04
NEG MILLWOOD___DRP 24198	53.43 1.42 -34.70	53.23 1.39 -34.54	50.85 1.31 -32.74	50.34 1.30 -32.23	50.27 1.33 -31.61	51.86 1.32 -33.22	57.93 1.70 -35.78	70.13 1.83 -45.63	68.67 2.25 -41.42	63.56 1.84 -41.25	60.24 1.54 -41.36	61.55 1.48 -43.28	60.33 1.48 -42.05	60.18 1.46 -41.91	58.28 1.48 -40.00	60.36 1.51 -42.05	62.97 1.47 -45.01	65.65 1.49 -47.66	74.21 1.43 -56.37	82.58 1.52 -64.23	79.66 1.53 -61.17	64.53 1.46 -46.25	59.68 1.38 -41.48	55.88 1.30 -37.42
NEG NORTH_FLCN_SEA 23793	17.00 -0.31 0.00	17.03 -0.28 0.00	16.43 -0.37 0.00	16.40 -0.42 0.00	17.01 -0.31 0.00	17.03 -0.29 0.00	19.86 -0.59 0.00	22.25 -0.41 0.00	24.43 -0.57 0.00	19.81 -0.66 0.00	16.75 -0.59 0.00	16.18 -0.60 0.00	16.01 -0.79 0.00	16.01 -0.79 0.00	15.96 -0.84 0.00	15.93 -0.87 0.00	15.59 -0.91 0.00	15.58 -0.92 0.00	15.54 -0.87 0.00	15.89 -0.94 0.00	15.99 -0.97 0.00	15.89 -0.93 0.00	16.00 -0.82 0.00	16.35 -0.81 0.00

NEG NORTH_KES_CHATEGAY 23792	16.79 -0.52 0.00	16.82 -0.48 0.00	16.26 -0.54 0.00	16.25 -0.57 0.00	16.82 -0.50 0.00	16.84 -0.48 0.00	19.63 -0.82 0.00	21.96 -0.70 0.00	24.12 -0.88 0.00	19.59 -0.88 0.00	16.58 -0.76 0.00	16.05 -0.74 0.00	15.91 -0.89 0.00	15.91 -0.89 0.00	15.88 -0.92 0.00	15.84 -0.96 0.00	15.51 -0.99 0.00	15.51 -0.99 0.00	15.48 -0.93 0.00	15.83 -1.01 0.00	15.92 -1.04 0.00	15.83 -0.99 0.00	15.91 -0.91 0.00	16.21 -0.94 0.00
NEG NORTH___ALICE_FALLS 23915	17.00 -0.31 0.00	17.01 -0.29 0.00	16.40 -0.40 0.00	16.37 -0.45 0.00	17.01 -0.31 0.00	17.03 -0.29 0.00	19.88 -0.57 0.00	22.25 -0.41 0.00	24.43 -0.57 0.00	19.81 -0.66 0.00	16.75 -0.59 0.00	16.18 -0.60 0.00	16.03 -0.77 0.00	16.03 -0.77 0.00	15.98 -0.82 0.00	15.93 -0.87 0.00	15.59 -0.91 0.00	15.59 -0.91 0.00	15.58 -0.84 0.00	15.93 -0.91 0.00	16.03 -0.93 0.00	15.91 -0.91 0.00	16.03 -0.79 0.00	16.35 -0.81 0.00
NEG NORTH___LWR_SARANAC 23913	17.00 -0.31 0.00	17.01 -0.29 0.00	16.40 -0.40 0.00	16.37 -0.45 0.00	17.01 -0.31 0.00	17.03 -0.29 0.00	19.88 -0.57 0.00	22.25 -0.41 0.00	24.43 -0.57 0.00	19.81 -0.66 0.00	16.75 -0.59 0.00	16.18 -0.60 0.00	16.03 -0.77 0.00	16.03 -0.77 0.00	15.98 -0.82 0.00	15.93 -0.87 0.00	15.59 -0.91 0.00	15.59 -0.91 0.00	15.58 -0.84 0.00	15.93 -0.91 0.00	16.03 -0.93 0.00	15.91 -0.91 0.00	16.03 -0.79 0.00	16.35 -0.81 0.00
NEG NORTH___PLATTSBURG 23628	17.00 -0.31 0.00	17.01 -0.29 0.00	16.40 -0.40 0.00	16.37 -0.45 0.00	17.01 -0.31 0.00	17.03 -0.29 0.00	19.88 -0.57 0.00	22.25 -0.41 0.00	24.43 -0.57 0.00	19.81 -0.66 0.00	16.75 -0.59 0.00	16.18 -0.60 0.00	16.03 -0.77 0.00	16.03 -0.77 0.00	15.98 -0.82 0.00	15.93 -0.87 0.00	15.59 -0.91 0.00	15.59 -0.91 0.00	15.58 -0.84 0.00	15.93 -0.91 0.00	16.03 -0.93 0.00	15.91 -0.91 0.00	16.03 -0.79 0.00	16.35 -0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	23.58 0.28 -6.00	23.59 0.31 -5.97	22.64 0.19 -5.66	22.64 0.25 -5.57	23.10 0.31 -5.46	23.39 0.33 -5.74	27.47 0.84 -6.18	30.45 -0.09 -7.88	31.71 -0.45 -7.16	27.39 -0.20 -7.13	24.19 -0.29 -7.14	23.68 -0.54 -7.43	23.54 -0.52 -7.26	23.47 -0.57 -7.24	23.19 -0.52 -6.91	23.43 -0.64 -7.26	22.93 -0.54 -6.97	23.20 -0.68 -7.38	24.57 -0.57 -8.73	26.41 -0.37 -9.95	26.23 -0.20 -9.47	23.60 -0.39 -7.16	22.94 -0.30 -6.43	23.26 0.31 -5.80
NEG WEST___LANCASTR 23811	24.48 0.76 -6.41	24.49 0.80 -6.38	23.49 0.64 -6.05	23.48 0.71 -5.95	23.96 0.80 -5.84	24.28 0.81 -6.14	28.60 1.53 -6.61	31.88 0.79 -8.43	33.25 0.60 -7.65	28.76 0.67 -7.62	25.46 0.42 -7.70	24.94 0.13 -8.02	24.72 0.15 -7.77	24.65 0.10 -7.75	24.34 0.15 -7.39	24.59 0.02 -7.77	24.22 0.08 -7.64	24.50 -0.08 -8.09	25.90 -0.08 -9.56	27.89 0.15 -10.90	27.68 0.34 -10.38	24.85 0.19 -7.85	24.04 0.19 -7.04	24.28 0.77 -6.35
NEG_PENN_ALLEGHNY 23528	29.60 0.55 -11.74	29.56 0.57 -11.69	28.40 0.52 -11.08	28.31 0.59 -10.90	28.64 0.62 -10.70	29.19 0.62 -11.24	33.46 0.90 -12.11	38.94 0.84 -15.44	39.89 0.87 -14.01	35.16 0.74 -13.96	31.88 0.54 -14.00	31.81 0.42 -14.61	31.45 0.42 -14.23	31.42 0.44 -14.18	30.81 0.47 -13.54	31.48 0.45 -14.23	32.03 0.48 -15.05	32.90 0.46 -15.94	35.69 0.43 -18.85	38.84 0.52 -21.48	38.01 0.59 -20.45	32.79 0.50 -15.46	31.18 0.49 -13.87	30.29 0.62 -12.51
NEG___GEN_MONROE 24207	22.81 0.47 -5.03	22.84 0.52 -5.01	21.94 0.39 -4.75	21.95 0.45 -4.68	22.39 0.48 -4.59	22.66 0.52 -4.82	26.58 0.94 -5.19	29.60 0.32 -6.62	31.08 0.08 -6.01	26.57 0.12 -5.98	23.38 0.03 -6.00	22.86 -0.17 -6.25	22.75 -0.15 -6.10	22.70 -0.18 -6.08	22.45 -0.15 -5.80	22.63 -0.27 -6.10	21.96 -0.18 -5.64	22.17 -0.30 -5.97	23.25 -0.23 -7.06	24.83 -0.05 -8.05	24.69 0.07 -7.67	22.53 -0.08 -5.80	22.02 0.00 -5.20	22.24 0.39 -4.69
NEPA___ENERGY 23901	25.14 0.95 -6.88	25.12 0.97 -6.84	24.13 0.84 -6.49	24.13 0.92 -6.39	24.61 1.02 -6.27	24.93 1.02 -6.58	29.18 1.64 -7.09	32.65 0.95 -9.04	34.01 0.80 -8.21	29.42 0.78 -8.18	26.06 0.50 -8.21	25.57 0.23 -8.55	25.39 0.25 -8.33	25.31 0.20 -8.31	24.98 0.25 -7.93	25.25 0.12 -8.33	24.97 0.20 -8.27	25.29 0.03 -8.76	26.87 0.10 -10.36	28.98 0.34 -11.81	28.71 0.51 -11.24	25.64 0.32 -8.50	24.81 0.37 -7.63	25.00 0.96 -6.88
NEVERSINK___HYD 23608	51.08 1.40 -32.37	50.89 1.37 -32.22	48.63 1.29 -30.54	48.16 1.28 -30.06	48.15 1.33 -29.49	49.61 1.30 -30.99	55.53 1.70 -33.38	66.91 1.68 -42.57	65.61 1.97 -38.64	60.58 1.64 -38.48	57.29 1.37 -38.58	58.42 1.29 -40.34	57.34 1.31 -39.22	57.18 1.28 -39.10	55.41 1.29 -37.32	57.32 1.29 -39.22	59.77 1.29 -41.98	62.36 1.40 -44.46	70.29 1.30 -52.57	78.14 1.40 -59.91	75.44 1.42 -57.06	61.42 1.46 -43.14	56.81 1.30 -38.69	53.31 1.25 -34.91
NEWTON___FALLS_HYD 23847	17.35 -0.66 -0.70	17.34 -0.66 -0.69	16.80 -0.66 -0.66	16.79 -0.67 -0.65	17.35 -0.61 -0.64	17.44 -0.56 -0.67	20.41 -0.76 -0.72	22.92 -0.66 -0.92	25.03 -0.80 -0.83	20.56 -0.74 -0.83	17.53 -0.64 -0.83	17.01 -0.64 -0.86	16.92 -0.72 -0.84	16.94 -0.71 -0.84	16.85 -0.76 -0.80	16.89 -0.76 -0.84	16.68 -0.71 -0.89	16.80 -0.64 -0.94	16.95 -0.57 -1.11	17.47 -0.64 -1.27	17.52 -0.64 -1.21	17.11 -0.62 -0.91	17.07 -0.57 -0.82	17.26 -0.63 -0.74
NIAGARA_115E_LBMP 323715	23.32 -0.05 -6.06	23.32 -0.02 -6.03	22.40 -0.12 -5.72	22.38 -0.07 -5.63	22.83 -0.02 -5.52	23.11 -0.02 -5.80	27.11 0.41 -6.25	30.02 -0.61 -7.97	31.21 -1.03 -7.23	27.02 -0.66 -7.20	23.86 -0.69 -7.21	23.38 -0.91 -7.51	23.25 -0.89 -7.34	23.20 -0.92 -7.32	22.90 -0.89 -6.99	23.15 -0.99 -7.34	22.66 -0.89 -7.05	22.93 -1.04 -7.47	24.32 -0.92 -8.83	26.17 -0.72 -10.06	25.95 -0.59 -9.58	23.31 -0.76 -7.24	22.66 -0.66 -6.50	23.00 -0.02 -5.86
NIAGARA_115W_LBMP 323714	23.27 -0.10 -6.06	23.27 -0.07 -6.03	22.34 -0.18 -5.72	22.33 -0.12 -5.63	22.78 -0.07 -5.52	23.06 -0.07 -5.80	27.03 0.33 -6.25	29.91 -0.61 -7.87	31.09 -1.05 -7.14	26.90 -0.67 -7.11	23.78 -0.69 -7.13	23.30 -0.91 -7.42	23.16 -0.89 -7.25	23.10 -0.92 -7.22	22.80 -0.89 -6.89	23.06 -0.99 -7.25	22.54 -0.91 -6.95	22.82 -1.04 -7.36	24.20 -0.92 -8.71	26.02 -0.74 -9.92	25.80 -0.61 -9.45	23.19 -0.77 -7.14	22.55 -0.67 -6.40	23.05 0.03 -5.86
NIAGARA_230_LBMP 323716	23.43 0.12 -6.00	23.41 0.14 -5.97	22.49 0.03 -5.66	22.49 0.10 -5.57	22.94 0.16 -5.46	23.22 0.16 -5.74	27.23 0.59 -6.18	30.25 -0.30 -7.89	31.48 -0.67 -7.16	27.20 -0.39 -7.13	24.02 -0.47 -7.15	23.55 -0.67 -7.44	23.41 -0.66 -7.27	23.36 -0.69 -7.24	23.06 -0.66 -6.91	23.31 -0.76 -7.27	22.81 -0.66 -6.97	23.10 -0.78 -7.38	24.45 -0.69 -8.73	26.28 -0.50 -9.94	26.06 -0.37 -9.47	23.44 -0.54 -7.16	22.82 -0.42 -6.42	23.12 0.17 -5.79
NIAGARA____ 23760	23.30 -0.07 -6.06	23.31 -0.03 -6.03	22.37 -0.15 -5.72	22.36 -0.08 -5.63	22.81 -0.03 -5.52	23.09 -0.03 -5.80	27.07 0.37 -6.25	30.04 -0.54 -7.93	31.27 -0.92 -7.19	27.03 -0.59 -7.16	23.88 -0.64 -7.18	23.40 -0.86 -7.47	23.26 -0.84 -7.30	23.21 -0.87 -7.28	22.91 -0.84 -6.95	23.16 -0.94 -7.30	22.66 -0.84 -7.01	22.95 -0.97 -7.42	24.32 -0.87 -8.78	26.16 -0.67 -10.00	25.94 -0.54 -9.52	23.31 -0.71 -7.20	22.63 -0.66 -6.46	23.02 0.00 -5.86

NINE_MILE_1 23575	19.40 -0.29 -2.39	19.39 -0.29 -2.38	18.75 -0.30 -2.26	18.75 -0.29 -2.22	19.22 -0.28 -2.18	19.34 -0.28 -2.29	22.67 -0.24 -2.47	25.46 -0.34 -3.14	27.45 -0.40 -2.85	23.00 -0.31 -2.84	27.45 -0.29 -2.85	19.41 -0.34 -2.96	19.36 -0.34 -2.90	19.35 -0.34 -2.89	19.24 -0.32 -2.76	19.38 -0.32 -2.90	19.30 -0.33 -3.13	19.48 -0.33 -3.31	20.00 -0.33 -3.92	21.00 -0.30 -4.46	20.94 -0.27 -4.25	19.73 -0.30 -3.21	19.40 -0.30 -2.88	19.52 -0.24 -2.60
NINE_MILE_2 23744	19.40 -0.29 -2.39	19.39 -0.29 -2.37	18.75 -0.30 -2.25	18.77 -0.27 -2.22	19.22 -0.28 -2.17	19.33 -0.28 -2.28	22.67 -0.24 -2.46	25.46 -0.34 -3.14	27.45 -0.40 -2.85	23.00 -0.31 -2.84	19.89 -0.29 -2.84	19.41 -0.34 -2.96	19.36 -0.34 -2.89	19.35 -0.34 -2.88	19.23 -0.32 -2.75	19.37 -0.32 -2.89	19.29 -0.33 -3.12	19.49 -0.31 -3.30	19.99 -0.33 -3.91	20.99 -0.30 -4.45	20.93 -0.27 -4.24	19.72 -0.30 -3.21	19.39 -0.30 -2.88	19.51 -0.24 -2.59
NM_CAPITAL___DRP 24208	61.04 1.02 -42.71	60.82 1.00 -42.51	58.09 0.99 -40.29	57.49 1.01 -39.66	57.25 1.02 -38.91	59.28 1.07 -40.88	65.81 1.31 -44.05	80.16 1.34 -56.17	77.43 1.45 -50.98	72.46 1.23 -50.77	69.23 0.99 -50.90	70.02 0.96 -52.28	69.47 0.94 -51.73	69.33 0.94 -51.59	67.00 0.96 -49.24	69.47 0.94 -51.73	72.86 0.94 -55.42	76.15 0.96 -58.69	86.79 0.97 -69.41	97.02 1.09 -79.09	93.30 1.02 -75.32	74.80 1.03 -56.95	68.87 0.98 -51.08	64.18 0.94 -46.08
NM_CENTRAL___DRP 24181	20.69 0.05 -3.33	20.67 0.05 -3.31	19.97 0.03 -3.14	19.99 0.08 -3.09	20.46 0.10 -3.03	20.61 0.10 -3.18	24.11 0.23 -3.43	27.24 0.20 -4.37	29.19 0.22 -3.97	24.62 0.20 -3.95	21.44 0.14 -3.96	20.94 0.03 -4.12	20.87 0.03 -4.03	20.85 0.03 -4.02	20.69 0.05 -3.83	20.90 0.07 -4.03	20.82 0.05 -4.27	21.09 0.07 -4.52	21.80 0.03 -5.35	23.02 0.08 -6.10	22.90 0.14 -5.81	21.28 0.07 -4.39	20.81 0.05 -3.94	20.85 0.14 -3.55
NM_FRONTIER___DRP 24179	23.27 -0.10 -6.06	23.27 -0.07 -6.03	22.34 -0.18 -5.72	22.33 -0.12 -5.63	22.78 -0.07 -5.52	23.06 -0.07 -5.80	27.03 0.33 -6.25	29.91 -0.61 -7.87	31.09 -1.05 -7.14	26.90 -0.67 -7.11	23.78 -0.69 -7.13	23.30 -0.91 -7.42	23.16 -0.89 -7.25	23.10 -0.92 -7.22	22.80 -0.89 -6.89	23.06 -0.99 -7.25	22.54 -0.91 -6.95	22.82 -1.04 -7.36	24.20 -0.92 -8.71	26.02 -0.74 -9.92	25.80 -0.61 -9.45	23.19 -0.77 -7.14	22.55 -0.67 -6.40	23.05 0.03 -5.86
NM_ST_REGIS___HYD 24053	16.37 -0.93 0.00	16.37 -0.93 0.00	15.86 -0.94 0.00	15.84 -0.98 0.00	16.41 -0.92 0.00	16.44 -0.88 0.00	19.24 -1.21 0.00	21.50 -1.15 0.00	23.65 -1.35 0.00	19.28 -1.19 0.00	16.35 -0.99 0.00	15.89 -0.89 0.00	15.83 -0.97 0.00	15.84 -0.96 0.00	15.79 -1.01 0.00	15.76 -1.04 0.00	15.51 -0.99 0.00	15.53 -0.97 0.00	15.53 -0.89 0.00	15.81 -1.03 0.00	15.89 -1.07 0.00	15.81 -1.01 0.00	15.83 -0.99 0.00	16.06 -1.10 0.00
NORTHPORT___1 23551	53.16 1.59 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.64 1.52 -32.79	57.84 2.06 -35.33	70.31 2.60 -45.05	72.72 3.05 -44.67	63.64 2.45 -40.72	70.89 2.08 -51.46	72.12 1.96 -53.37	60.29 1.98 -41.51	65.38 2.00 -46.58	68.93 2.02 -50.11	69.69 2.02 -50.88	70.86 1.95 -52.41	72.12 1.85 -53.77	75.22 1.87 -56.94	83.97 1.95 -65.18	97.15 1.97 -78.22	75.05 1.82 -56.41	70.33 1.98 -51.53	63.46 1.97 -44.33
NORTHPORT___2 23552	53.16 1.59 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.64 1.52 -32.79	57.84 2.06 -35.33	70.31 2.60 -45.05	72.72 3.05 -44.67	63.64 2.45 -40.72	70.89 2.08 -51.46	72.12 1.96 -53.37	60.29 1.98 -41.51	65.38 2.00 -46.58	68.93 2.02 -50.11	69.69 2.02 -50.88	70.86 1.95 -52.41	72.12 1.85 -53.77	75.22 1.87 -56.94	83.97 1.95 -65.18	97.15 1.97 -78.22	75.05 1.82 -56.41	70.33 1.98 -51.53	63.46 1.97 -44.33
NORTHPORT___3 23553	53.02 1.45 -34.26	52.91 1.51 -34.09	50.51 1.39 -32.32	49.99 1.36 -31.81	50.00 1.47 -31.21	51.50 1.39 -32.79	57.68 1.90 -35.33	70.06 2.36 -45.05	72.50 2.82 -44.67	63.48 2.29 -40.72	70.68 1.87 -51.46	71.92 1.76 -53.37	60.17 1.86 -41.51	65.25 1.86 -46.58	68.81 1.90 -50.11	69.56 1.88 -50.88	70.68 1.77 -52.41	71.92 1.65 -53.77	74.97 1.63 -56.93	83.71 1.70 -65.17	96.91 1.73 -78.21	74.81 1.58 -56.41	70.12 1.77 -51.53	63.26 1.77 -44.33
NORTHPORT___4 23650	53.02 1.45 -34.26	52.91 1.51 -34.09	50.51 1.39 -32.32	49.99 1.36 -31.81	50.00 1.47 -31.21	51.50 1.39 -32.79	57.68 1.90 -35.33	70.06 2.36 -45.05	72.50 2.82 -44.67	63.48 2.29 -40.72	70.68 1.87 -51.46	71.92 1.76 -53.37	60.17 1.86 -41.51	65.25 1.86 -46.58	68.81 1.90 -50.11	69.56 1.88 -50.88	70.68 1.77 -52.41	71.92 1.65 -53.77	74.97 1.63 -56.93	83.71 1.70 -65.17	96.91 1.73 -78.21	74.81 1.58 -56.41	70.12 1.77 -51.53	63.26 1.77 -44.33
NORTHPORT___IC 23718	53.16 1.59 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.64 1.52 -32.79	57.84 2.06 -35.33	70.31 2.60 -45.05	72.72 3.05 -44.67	63.64 2.45 -40.72	70.89 2.08 -51.46	72.12 1.96 -53.37	60.29 1.98 -41.51	65.38 2.00 -46.58	68.93 2.02 -50.11	69.69 2.02 -50.88	70.86 1.95 -52.41	72.12 1.85 -53.77	75.22 1.87 -56.94	83.97 1.95 -65.18	97.15 1.97 -78.22	75.05 1.82 -56.41	70.33 1.98 -51.53	63.46 1.97 -44.33
NPX_GEN_1385_PROXY 323591	53.16 1.59 -34.26	53.10 1.70 -34.09	50.68 1.56 -32.32	50.16 1.53 -31.81	50.18 1.65 -31.21	51.64 1.52 -32.79	57.84 2.06 -35.33	70.36 2.65 -45.05	72.80 3.12 -44.67	63.68 2.50 -40.72	70.92 2.11 -51.46	72.15 2.00 -53.37	60.33 2.02 -41.51	65.42 2.03 -46.58	68.96 2.05 -50.11	69.73 2.05 -50.88	70.91 2.00 -52.41	72.12 1.85 -53.77	75.26 1.90 -56.94	84.00 1.99 -65.18	97.20 2.02 -78.22	75.05 1.82 -56.41	70.37 2.02 -51.53	63.50 2.01 -44.33
NPX_GEN_CSC 323557	52.81 1.25 -34.26	52.98 1.57 -34.09	50.56 1.45 -32.32	50.05 1.41 -31.81	50.05 1.52 -31.21	51.28 1.16 -32.79	57.45 1.68 -35.33	69.81 2.11 -45.05	72.22 2.55 -44.67	63.13 1.95 -40.72	70.49 1.68 -51.46	71.72 1.56 -53.37	59.85 1.54 -41.51	64.96 1.58 -46.58	68.52 1.61 -50.11	69.29 1.61 -50.88	70.50 1.58 -52.41	71.82 1.55 -53.77	74.96 1.61 -56.94	83.71 1.70 -65.18	96.91 1.73 -78.22	74.81 1.58 -56.41	70.05 1.70 -51.53	63.15 1.66 -44.33
NSINS_S_GLNS_FALLS 23858	63.67 0.74 -45.61	63.41 0.71 -45.40	60.55 0.72 -43.03	59.94 0.76 -42.36	59.64 0.76 -41.55	61.90 0.92 -43.66	68.63 1.14 -47.04	83.89 1.25 -59.98	80.84 1.40 -54.44	75.79 1.10 -54.22	72.52 0.82 -54.36	73.44 0.81 -55.85	72.82 0.77 -55.24	72.65 0.76 -55.09	70.12 0.74 -52.58	72.75 0.71 -55.24	76.48 0.79 -59.19	79.97 0.79 -62.68	91.40 0.85 -74.13	102.30 0.99 -84.47	98.36 0.95 -80.45	78.55 0.91 -60.83	72.28 0.91 -54.55	67.18 0.81 -49.22
NUCOR_STEEL___DRP 24197	22.20 0.22 -4.67	22.18 0.22 -4.65	21.41 0.20 -4.41	21.43 0.27 -4.34	21.87 0.29 -4.25	22.09 0.29 -4.47	25.78 0.51 -4.82	29.37 0.57 -6.14	31.03 0.45 -5.57	26.47 0.45 -5.55	23.26 0.33 -5.59	22.78 0.18 -5.81	22.68 0.22 -5.66	22.68 0.24 -5.64	22.42 0.24 -5.38	22.70 0.24 -5.66	22.57 0.26 -5.81	22.95 0.30 -6.16	23.91 0.21 -7.28	25.42 0.29 -8.30	25.23 0.37 -7.90	23.10 0.30 -5.97	22.45 0.27 -5.36	22.37 0.38 -4.83

NYISO_LBMP_REFERENCE 24008	17.31 0.00 0.00	17.31 0.00 0.00	16.80 0.00 0.00	16.82 0.00 0.00	17.32 0.00 0.00	17.32 0.00 0.00	20.45 0.00 0.00	22.66 0.00 0.00	25.00 0.00 0.00	20.47 0.00 0.00	17.34 0.00 0.00	16.78 0.00 0.00	16.80 0.00 0.00	16.80 0.00 0.00	16.80 0.00 0.00	16.50 0.00 0.00	16.50 0.00 0.00	16.41 0.00 0.00	16.84 0.00 0.00	16.96 0.00 0.00	16.82 0.00 0.00	16.82 0.00 0.00	17.16 0.00 0.00	
NYPA_BRENTWD____GT 24164	53.26 1.70 -34.26	53.20 1.80 -34.09	50.78 1.66 -32.32	50.26 1.63 -31.81	50.28 1.75 -31.21	51.73 1.61 -32.79	57.99 2.21 -35.33	70.49 2.79 -45.05	72.92 3.25 -44.67	63.79 2.60 -40.72	71.01 2.20 -51.46	72.24 2.08 -53.37	60.39 2.08 -41.51	65.49 2.10 -46.58	69.05 2.13 -50.11	69.80 2.12 -50.88	70.99 2.08 -52.41	72.23 1.96 -53.77	75.39 2.03 -56.94	84.14 2.12 -65.18	97.35 2.17 -78.22	75.22 1.98 -56.41	70.49 2.14 -51.53	63.60 2.11 -44.33
NYPA_GOWANUS____GT5 24156	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.39 1.28 -32.79	57.47 1.70 -35.32	69.56 1.86 -45.04	68.18 2.30 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	59.99 1.68 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.51 1.58 -44.42	65.06 1.52 -47.05	73.54 1.49 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.48 1.39 -36.94
NYPA_GOWANUS____GT6 24157	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.39 1.28 -32.79	57.47 1.70 -35.32	69.56 1.86 -45.04	68.18 2.30 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	59.99 1.68 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.51 1.58 -44.42	65.06 1.52 -47.05	73.54 1.49 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.48 1.39 -36.94
NYPA_HARLEM__RVR__GT1 24160	53.14 1.57 -34.25	52.87 1.47 -34.09	50.43 1.31 -32.31	49.91 1.28 -31.81	49.88 1.35 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.51 1.81 -45.04	68.13 2.25 -40.87	63.06 1.88 -40.71	59.84 1.68 -40.82	61.17 1.61 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.88 1.41 -45.64	59.15 1.40 -40.94	55.45 1.36 -36.94
NYPA_HARLEM__RVR__GT2 24161	53.14 1.57 -34.25	52.87 1.47 -34.09	50.43 1.31 -32.31	49.91 1.28 -31.81	49.88 1.35 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.51 1.81 -45.04	68.13 2.25 -40.87	63.06 1.88 -40.71	59.84 1.68 -40.82	61.17 1.61 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.88 1.41 -45.64	59.15 1.40 -40.94	55.45 1.36 -36.94
NYPA_KENT____GT 24152	53.07 1.51 -34.25	52.80 1.40 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.61 1.90 -45.04	68.26 2.38 -40.88	63.15 1.96 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.93 1.59 -60.38	63.97 1.50 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NYPA_POUCH1____GT 24155	53.03 1.47 -34.25	52.76 1.37 -34.09	50.36 1.24 -32.31	49.84 1.21 -31.81	49.81 1.28 -31.20	51.34 1.23 -32.79	57.39 1.62 -35.32	69.47 1.77 -45.04	68.09 2.20 -40.89	63.01 1.82 -40.72	59.82 1.65 -40.83	61.15 1.58 -42.79	59.92 1.61 -41.51	59.78 1.60 -41.38	57.90 1.61 -39.49	59.92 1.61 -41.51	62.44 1.52 -44.43	65.00 1.45 -47.05	73.48 1.43 -55.64	78.17 1.48 -59.85	78.85 1.51 -60.38	63.88 1.41 -45.65	59.21 1.45 -40.94	55.45 1.36 -36.94
NYPA_VERNON____GT2 24162	53.05 1.49 -34.25	52.82 1.42 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.45 1.33 -32.79	57.53 1.76 -35.32	69.65 1.95 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.95 1.79 -40.82	61.26 1.69 -42.78	60.04 1.73 -41.50	59.91 1.73 -41.37	58.03 1.75 -39.49	60.04 1.73 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	63.99 1.51 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NYPA_VERNON____GT3 24163	53.05 1.49 -34.25	52.82 1.42 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.45 1.33 -32.79	57.53 1.76 -35.32	69.65 1.95 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.95 1.79 -40.82	61.26 1.69 -42.78	60.04 1.73 -41.50	59.91 1.73 -41.37	58.03 1.75 -39.49	60.04 1.73 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	63.99 1.51 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
NYPA__ASTORIA_CC1 323568	53.05 1.49 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.61 1.90 -45.04	68.26 2.38 -40.88	63.15 1.96 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
NYPA__ASTORIA_CC2 323569	53.05 1.49 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.61 1.90 -45.04	68.26 2.38 -40.88	63.15 1.96 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.92 1.58 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
NYPA__HOLTSVILL 23794	53.04 1.47 -34.26	53.05 1.65 -34.09	50.63 1.51 -32.32	50.11 1.48 -31.81	50.12 1.59 -31.21	51.52 1.40 -32.79	57.72 1.94 -35.33	70.20 2.49 -45.05	72.62 2.95 -44.67	63.52 2.33 -40.72	70.78 1.98 -51.46	72.00 1.85 -53.37	60.17 1.86 -41.51	65.27 1.88 -46.58	68.83 1.91 -50.11	69.58 1.90 -50.88	70.76 1.85 -52.41	72.02 1.75 -53.77	75.17 1.82 -56.94	83.93 1.92 -65.18	97.13 1.95 -78.22	75.00 1.77 -56.41	70.28 1.93 -51.53	63.43 1.94 -44.33
NYPA__HELLGATE_GT1 24158	53.14 1.57 -34.25	52.87 1.47 -34.09	50.43 1.31 -32.31	49.91 1.28 -31.81	49.88 1.35 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.51 1.81 -45.04	68.13 2.25 -40.87	63.06 1.88 -40.71	59.84 1.68 -40.82	61.17 1.61 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.88 1.41 -45.64	59.15 1.40 -40.94	55.45 1.36 -36.94
NYPA__HELLGATE_GT2 24159	53.14 1.57 -34.25	52.87 1.47 -34.09	50.43 1.31 -32.31	49.91 1.28 -31.81	49.88 1.35 -31.20	51.41 1.30 -32.79	57.38 1.62 -35.31	69.51 1.81 -45.04	68.13 2.25 -40.87	63.06 1.88 -40.71	59.84 1.68 -40.82	61.17 1.61 -42.77	59.93 1.63 -41.50	59.80 1.63 -41.36	57.93 1.65 -39.48	59.94 1.65 -41.50	62.46 1.55 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.84 1.51 -60.37	63.88 1.41 -45.64	59.15 1.40 -40.94	55.45 1.36 -36.94

NYS_BARGE___HYD 23848	23.52 0.26 -5.96	23.53 0.29 -5.93	22.59 0.17 -5.62	22.59 0.24 -5.53	23.04 0.29 -5.43	23.34 0.31 -5.70	27.41 0.82 -6.14	30.38 -0.11 -7.83	31.63 -0.48 -7.11	27.32 -0.22 -7.08	24.13 -0.31 -7.10	23.61 -0.55 -7.38	23.48 -0.54 -7.22	23.41 -0.59 -7.19	23.13 -0.54 -6.87	23.36 -0.66 -7.22	22.85 -0.56 -6.91	23.11 -0.71 -7.32	24.47 -0.61 -8.66	26.33 -0.37 -9.87	26.14 -0.22 -9.40	23.52 -0.40 -7.11	22.87 -0.32 -6.37	23.20 0.29 -5.75
OAK_ORCHARD___HYD 24046	22.52 0.22 -4.99	22.53 0.26 -4.97	21.66 0.15 -4.71	21.67 0.22 -4.63	22.13 0.26 -4.55	22.38 0.28 -4.78	26.29 0.70 -5.15	29.42 0.20 -6.56	30.91 -0.05 -5.96	26.46 0.06 -5.93	23.26 -0.03 -5.95	22.74 -0.24 -6.19	22.63 -0.22 -6.05	22.61 -0.22 -6.03	22.37 -0.18 -5.75	22.58 -0.27 -6.05	21.88 -0.20 -5.58	22.13 -0.28 -5.91	23.19 -0.21 -6.99	24.75 -0.05 -7.96	24.58 0.03 -7.58	22.44 -0.12 -5.73	21.91 -0.05 -5.14	22.07 0.27 -4.64
OCC_CHEM___DRP 24175	23.41 0.02 -6.08	23.42 0.05 -6.06	22.49 -0.05 -5.74	22.47 0.00 -5.65	22.92 0.05 -5.54	23.20 0.05 -5.82	27.20 0.47 -6.27	30.18 -0.48 -8.00	31.36 -0.90 -7.26	27.15 -0.55 -7.23	23.99 -0.59 -7.23	23.51 -0.81 -7.53	23.38 -0.79 -7.37	23.31 -0.84 -7.35	23.03 -0.79 -7.01	23.28 -0.89 -7.37	22.77 -0.81 -7.07	23.05 -0.94 -7.49	24.44 -0.84 -8.86	26.29 -0.64 -10.10	26.08 -0.49 -9.62	23.42 -0.67 -7.27	22.77 -0.57 -6.52	23.13 0.09 -5.88
OH_GEN_PROXY 24063	18.10 0.14 -0.65	18.42 0.17 -0.94	14.62 0.07 2.25	17.63 0.13 -0.68	17.63 0.19 -0.11	23.30 0.19 -5.79	27.32 0.63 -6.23	30.38 -0.23 -7.95	31.61 -0.60 -7.21	27.30 -0.35 -7.18	24.13 -0.42 -7.21	22.10 -0.64 -5.95	20.00 -0.60 -3.80	20.10 -0.66 -3.95	19.17 -0.60 -2.98	19.00 -0.71 -2.90	20.10 -0.61 -4.21	23.22 -0.73 -7.45	24.59 -0.64 -8.81	26.42 -0.45 -10.04	26.20 -0.32 -9.56	23.56 -0.49 -7.23	22.92 -0.39 -6.48	18.51 0.19 -1.16
OLIN_CORP_DRP 24177	23.41 0.02 -6.08	23.42 0.05 -6.06	22.49 -0.05 -5.74	22.47 0.00 -5.65	22.92 0.05 -5.54	23.20 0.05 -5.82	27.20 0.47 -6.27	30.18 -0.48 -8.00	31.36 -0.90 -7.26	27.15 -0.55 -7.23	23.99 -0.59 -7.23	23.49 -0.82 -7.53	23.38 -0.79 -7.37	23.31 -0.84 -7.35	23.03 -0.79 -7.01	23.28 -0.89 -7.37	22.77 -0.81 -7.07	23.05 -0.94 -7.49	24.44 -0.84 -8.86	26.29 -0.64 -10.10	26.08 -0.49 -9.62	23.42 -0.67 -7.27	22.77 -0.57 -6.52	23.13 0.09 -5.88
OLIN_CORP_DSASP 323712	23.41 0.02 -6.08	23.42 0.05 -6.06	22.49 -0.05 -5.74	22.47 0.00 -5.65	22.92 0.05 -5.54	23.20 0.05 -5.82	27.20 0.47 -6.27	30.18 -0.48 -8.00	31.36 -0.90 -7.26	27.15 -0.55 -7.23	23.99 -0.59 -7.23	23.51 -0.81 -7.53	23.38 -0.79 -7.37	23.31 -0.84 -7.35	23.03 -0.79 -7.01	23.28 -0.89 -7.37	22.77 -0.81 -7.07	23.05 -0.94 -7.49	24.44 -0.84 -8.86	26.29 -0.64 -10.10	26.08 -0.49 -9.62	23.42 -0.67 -7.27	22.77 -0.57 -6.52	23.13 0.09 -5.88
ONEIDA_HERK_LFGE 323681	18.15 0.14 -0.70	18.15 0.14 -0.70	17.58 0.12 -0.66	17.61 0.13 -0.65	18.16 0.19 -0.64	18.22 0.22 -0.67	21.52 0.35 -0.73	23.99 0.41 -0.93	26.24 0.40 -0.84	21.61 0.31 -0.84	18.37 0.19 -0.84	17.79 0.13 -0.87	17.76 0.10 -0.85	17.74 0.08 -0.85	17.68 0.07 -0.81	17.72 0.07 -0.85	17.49 0.10 -0.89	17.66 0.21 -0.95	17.68 0.15 -1.12	18.32 0.20 -1.28	18.40 0.22 -1.22	17.97 0.24 -0.92	17.81 0.17 -0.82	18.07 0.17 -0.74
ONONDAGA_REF_OCCRA 23987	21.58 0.16 -4.11	21.57 0.17 -4.09	20.81 0.13 -3.88	20.84 0.20 -3.82	21.30 0.22 -3.75	21.49 0.22 -3.94	25.06 0.37 -4.24	28.43 0.36 -5.41	30.31 0.40 -4.91	25.72 0.37 -4.89	22.49 0.26 -4.88	22.02 0.15 -5.08	21.90 0.12 -4.98	21.89 0.12 -4.97	21.68 0.13 -4.74	21.93 0.15 -4.98	21.89 0.13 -5.26	22.22 0.15 -5.57	23.12 0.12 -6.59	24.51 0.17 -7.51	24.33 0.22 -7.15	22.38 0.15 -5.41	21.80 0.13 -4.85	21.75 0.22 -4.37
ONONDAGA___COGEN 23986	21.36 0.16 -3.90	21.35 0.16 -3.88	20.62 0.13 -3.68	20.64 0.20 -3.62	21.10 0.22 -3.55	21.28 0.22 -3.73	24.84 0.37 -4.02	28.15 0.36 -5.13	30.05 0.40 -4.66	25.47 0.37 -4.64	22.20 0.26 -4.60	21.72 0.15 -4.79	21.66 0.13 -4.73	21.65 0.13 -4.71	21.45 0.15 -4.50	21.70 0.17 -4.73	21.59 0.16 -4.93	21.92 0.20 -5.22	22.72 0.13 -6.17	24.06 0.19 -7.04	23.92 0.25 -6.70	22.07 0.19 -5.07	21.53 0.17 -4.54	21.50 0.24 -4.10
ONTARIO___LFGE 23819	23.55 0.48 -5.76	23.54 0.50 -5.73	22.67 0.44 -5.43	22.69 0.52 -5.35	23.16 0.59 -5.24	23.46 0.62 -5.51	27.43 1.04 -5.94	31.02 0.79 -7.57	32.55 0.68 -6.87	27.80 0.49 -6.84	24.49 0.28 -6.87	24.07 0.13 -7.15	23.94 0.17 -6.97	23.91 0.15 -6.95	23.64 0.20 -6.64	23.98 0.20 -6.97	23.64 0.25 -6.89	24.09 0.30 -7.30	25.27 0.23 -8.63	27.04 0.37 -9.83	26.78 0.46 -9.37	24.27 0.37 -7.08	23.47 0.30 -6.35	23.40 0.51 -5.73
ORANGEVILLE_WT_PWR 323706	25.09 0.52 -7.26	25.05 0.52 -7.23	24.05 0.40 -6.85	24.05 0.49 -6.74	24.51 0.57 -6.61	24.86 0.59 -6.95	29.08 1.14 -7.49	32.66 0.45 -9.55	33.84 0.18 -8.67	29.28 0.18 -8.63	26.01 0.00 -8.67	25.53 -0.27 -9.02	25.35 -0.25 -8.80	25.27 -0.30 -8.77	24.92 -0.25 -8.37	25.26 -0.34 -8.80	25.06 -0.23 -8.79	25.44 -0.36 -9.31	27.13 -0.29 -11.01	29.31 -0.07 -12.54	28.99 0.09 -11.94	25.78 -0.07 -9.03	24.92 0.00 -8.10	24.94 0.48 -7.31
ORANGEVILLE___ESR 323794	25.09 0.52 -7.26	25.05 0.52 -7.23	24.05 0.40 -6.85	24.05 0.49 -6.74	24.51 0.57 -6.61	24.86 0.59 -6.95	29.08 1.14 -7.49	32.66 0.45 -9.55	33.84 0.18 -8.67	29.28 0.18 -8.63	26.01 0.00 -8.67	25.53 -0.27 -9.02	25.35 -0.25 -8.80	25.27 -0.30 -8.77	24.92 -0.25 -8.37	25.26 -0.34 -8.80	25.06 -0.23 -8.79	25.44 -0.36 -9.31	27.13 -0.29 -11.01	29.31 -0.07 -12.54	28.99 0.09 -11.94	25.78 -0.07 -9.03	24.92 0.00 -8.10	24.94 0.48 -7.31
OSWEGATCHIE___HYD 24044	17.35 -0.66 -0.70	17.34 -0.66 -0.69	16.80 -0.66 -0.66	16.79 -0.67 -0.65	17.35 -0.61 -0.64	17.44 -0.56 -0.67	20.41 -0.76 -0.72	22.92 -0.66 -0.92	25.03 -0.80 -0.83	20.56 -0.74 -0.83	17.53 -0.64 -0.83	17.01 -0.64 -0.86	16.92 -0.72 -0.84	16.94 -0.71 -0.84	16.85 -0.76 -0.80	16.89 -0.76 -0.84	16.68 -0.71 -0.89	16.80 -0.64 -0.94	16.95 -0.57 -1.11	17.47 -0.64 -1.27	17.52 -0.64 -1.21	17.11 -0.62 -0.91	17.07 -0.57 -0.82	17.26 -0.63 -0.74
OSWEGO___5 23606	19.82 -0.19 -2.71	19.81 -0.19 -2.69	19.17 -0.18 -2.55	19.17 -0.17 -2.51	19.63 -0.16 -2.47	19.76 -0.16 -2.59	23.14 -0.10 -2.79	26.04 -0.18 -3.56	28.01 -0.23 -3.23	23.52 -0.16 -3.22	20.40 -0.17 -3.23	19.92 -0.22 -3.36	19.86 -0.22 -3.28	19.85 -0.22 -3.27	19.70 -0.22 -3.12	19.86 -0.22 -3.28	19.81 -0.21 -3.52	20.01 -0.21 -3.73	20.60 -0.23 -4.41	21.68 -0.18 -5.03	21.60 -0.15 -4.79	20.24 -0.20 -3.62	19.88 -0.18 -3.25	19.97 -0.12 -2.93
OSWEGO___6 23613	19.82 -0.19 -2.71	19.81 -0.19 -2.69	19.17 -0.18 -2.55	19.17 -0.17 -2.51	19.63 -0.16 -2.47	19.76 -0.16 -2.59	23.14 -0.10 -2.79	26.04 -0.18 -3.56	28.01 -0.23 -3.23	23.52 -0.16 -3.22	20.40 -0.17 -3.23	19.92 -0.22 -3.36	19.86 -0.22 -3.28	19.85 -0.22 -3.27	19.70 -0.22 -3.12	19.86 -0.22 -3.28	19.81 -0.21 -3.52	20.01 -0.21 -3.73	20.60 -0.23 -4.41	21.68 -0.18 -5.03	21.60 -0.15 -4.79	20.24 -0.20 -3.62	19.88 -0.18 -3.25	19.97 -0.12 -2.93

OUTOKUMPU-AB___DRP 24206	23.91 0.45 -6.15	23.93 0.50 -6.12	22.97 0.37 -5.80	22.95 0.42 -5.71	23.43 0.50 -5.60	23.71 0.50 -5.89	27.83 1.04 -6.34	30.95 0.20 -8.09	32.24 -0.10 -7.34	27.90 0.12 -7.31	24.64 -0.03 -7.33	24.11 -0.30 -7.63	23.98 -0.27 -7.45	23.91 -0.32 -7.43	23.61 -0.29 -7.09	23.85 -0.40 -7.45	23.36 -0.33 -7.19	23.62 -0.49 -7.62	25.03 -0.39 -9.01	26.93 -0.17 -10.27	26.74 0.00 -9.78	24.03 -0.18 -7.39	23.31 -0.14 -6.63	23.62 0.48 -5.98
OXBOW____ 24026	23.69 0.26 -6.12	23.69 0.29 -6.09	22.76 0.19 -5.77	22.74 0.24 -5.68	23.21 0.31 -5.57	23.49 0.31 -5.86	27.56 0.80 -6.31	30.59 -0.11 -8.05	31.85 -0.45 -7.30	27.57 -0.16 -7.27	24.35 -0.28 -7.28	23.84 -0.52 -7.58	23.71 -0.50 -7.41	23.64 -0.55 -7.39	23.35 -0.50 -7.05	23.59 -0.62 -7.41	23.09 -0.54 -7.13	23.36 -0.69 -7.56	24.76 -0.59 -8.94	26.65 -0.37 -10.18	26.44 -0.22 -9.70	23.77 -0.39 -7.33	23.08 -0.32 -6.58	23.40 0.31 -5.93
OXY_CHEM_DSASP 323612	23.41 0.02 -6.08	23.42 0.05 -6.06	22.49 -0.05 -5.74	22.47 0.00 -5.65	22.92 0.05 -5.54	23.20 0.05 -5.82	27.20 0.47 -6.27	30.18 -0.48 -8.00	31.36 -0.90 -7.26	27.15 -0.55 -7.23	23.99 -0.59 -7.23	23.51 -0.81 -7.53	23.38 -0.79 -7.37	23.31 -0.84 -7.35	23.03 -0.79 -7.01	23.28 -0.89 -7.37	22.77 -0.81 -7.07	23.05 -0.94 -7.49	24.44 -0.84 -8.86	26.29 -0.64 -10.10	26.08 -0.49 -9.62	23.42 -0.67 -7.27	22.77 -0.57 -6.52	23.13 0.09 -5.88
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.41 0.02 -6.08	23.42 0.05 -6.06	22.49 -0.05 -5.74	22.47 0.00 -5.65	22.92 0.05 -5.54	23.20 0.05 -5.82	27.20 0.47 -6.27	30.18 -0.48 -8.00	31.36 -0.90 -7.26	27.15 -0.55 -7.23	23.99 -0.59 -7.23	23.51 -0.81 -7.53	23.38 -0.79 -7.37	23.31 -0.84 -7.35	23.03 -0.79 -7.01	23.28 -0.89 -7.37	22.77 -0.81 -7.07	23.05 -0.94 -7.49	24.44 -0.84 -8.86	26.29 -0.64 -10.10	26.08 -0.49 -9.62	23.42 -0.67 -7.27	22.77 -0.57 -6.52	23.13 0.09 -5.88
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.07 1.51 -34.25	52.82 1.42 -34.09	50.37 1.26 -32.31	49.87 1.24 -31.81	49.83 1.30 -31.20	51.36 1.25 -32.79	57.38 1.62 -35.31	69.48 1.79 -45.04	68.13 2.25 -40.87	63.04 1.86 -40.71	59.82 1.66 -40.82	61.15 1.60 -42.77	59.93 1.63 -41.50	59.78 1.61 -41.36	57.91 1.63 -39.48	59.93 1.63 -41.50	62.45 1.53 -44.42	65.00 1.47 -47.04	73.47 1.43 -55.63	81.69 1.46 -63.39	78.82 1.49 -60.37	63.88 1.41 -45.64	59.15 1.40 -40.94	55.43 1.34 -36.94
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.02 1.45 -34.25	52.75 1.35 -34.09	50.34 1.23 -32.31	49.82 1.19 -31.81	49.81 1.28 -31.20	51.34 1.23 -32.79	57.34 1.57 -35.31	69.39 1.70 -45.04	67.97 2.10 -40.87	62.93 1.76 -40.71	59.73 1.58 -40.82	61.07 1.51 -42.77	59.83 1.53 -41.50	59.70 1.53 -41.36	57.82 1.54 -39.48	59.83 1.53 -41.50	62.37 1.45 -44.42	64.96 1.42 -47.04	73.37 1.33 -55.63	81.59 1.39 -63.39	78.72 1.36 -60.37	63.81 1.35 -45.64	59.05 1.30 -40.94	55.33 1.24 -36.94
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.45 0.76 -6.38	24.46 0.80 -6.35	23.46 0.64 -6.02	23.45 0.71 -5.93	23.94 0.80 -5.81	24.25 0.81 -6.11	28.63 1.60 -6.58	31.91 0.86 -8.39	33.32 0.70 -7.62	28.79 0.74 -7.59	25.51 0.47 -7.70	24.98 0.18 -8.01	24.74 0.20 -7.73	24.66 0.15 -7.71	24.36 0.20 -7.36	24.60 0.07 -7.73	24.26 0.13 -7.63	24.54 -0.03 -8.08	25.89 -0.08 -9.55	27.87 0.15 -10.89	27.68 0.36 -10.37	24.84 0.19 -7.84	24.04 0.19 -7.03	24.29 0.79 -6.34
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.43 1.42 -34.70	53.23 1.39 -34.54	50.85 1.31 -32.74	50.34 1.30 -32.23	50.27 1.33 -31.61	51.86 1.32 -33.22	57.93 1.70 -35.78	70.13 1.83 -45.63	68.67 2.25 -41.42	63.56 1.84 -41.25	60.24 1.54 -41.36	61.55 1.48 -43.28	60.33 1.48 -42.05	60.18 1.46 -41.91	58.28 1.48 -40.00	60.36 1.51 -42.05	62.97 1.47 -45.01	65.65 1.49 -47.66	74.21 1.43 -56.37	82.58 1.52 -64.23	79.66 1.53 -61.17	64.53 1.46 -46.25	59.68 1.38 -41.48	55.88 1.30 -37.42
PEEKSKILL____ 23653	52.69 1.31 -34.06	52.49 1.28 -33.90	50.13 1.19 -32.13	49.63 1.18 -31.63	49.60 1.25 -31.03	51.18 1.25 -32.60	57.21 1.64 -35.12	69.24 1.79 -44.79	67.80 2.15 -40.65	62.73 1.78 -40.49	59.48 1.54 -40.60	60.80 1.48 -42.54	59.57 1.49 -41.27	59.42 1.48 -41.14	57.56 1.49 -39.26	59.57 1.49 -41.27	62.11 1.43 -44.17	64.70 1.42 -46.78	73.10 1.36 -55.33	81.33 1.45 -63.05	78.46 1.46 -60.04	63.61 1.40 -45.40	58.88 1.35 -40.72	55.16 1.27 -36.73
PGE MADISON___WINDPWR 24146	29.59 1.23 -11.05	29.52 1.21 -11.00	28.39 1.16 -10.43	28.28 1.19 -10.26	28.71 1.32 -10.07	29.27 1.37 -10.58	33.77 1.92 -11.40	39.35 2.15 -14.54	40.34 2.15 -13.19	35.37 1.76 -13.14	31.82 1.30 -13.18	31.50 1.01 -13.71	31.20 1.01 -13.39	31.18 1.03 -13.35	30.59 1.04 -12.74	31.25 1.06 -13.39	31.62 0.94 -14.18	32.70 1.19 -15.01	35.25 1.08 -17.75	38.30 1.23 -20.23	37.53 1.31 -19.27	32.60 1.21 -14.57	31.00 1.11 -13.07	30.13 1.18 -11.79
PIERCEFIELD___HYD 23852	16.27 -1.04 0.00	16.27 -1.04 0.00	15.78 -1.03 0.00	15.74 -1.08 0.00	16.30 -1.02 0.00	16.34 -0.99 0.00	19.14 -1.31 0.00	21.37 -1.29 0.00	23.52 -1.48 0.00	19.18 -1.29 0.00	16.28 -1.06 0.00	15.83 -0.96 0.00	15.78 -1.03 0.00	15.81 -0.99 0.00	15.76 -1.04 0.00	15.73 -1.08 0.00	15.49 -1.01 0.00	15.53 -0.97 0.00	15.53 -0.89 0.00	15.78 -1.06 0.00	15.86 -1.10 0.00	15.79 -1.03 0.00	15.79 -1.03 0.00	16.01 -1.15 0.00
PINELAWN_CC_1 323563	53.21 1.65 -34.26	53.10 1.70 -34.09	50.70 1.58 -32.32	50.18 1.55 -31.81	50.19 1.66 -31.21	51.69 1.58 -32.79	57.92 2.15 -35.33	70.38 2.67 -45.05	72.80 3.12 -44.67	63.68 2.50 -40.72	70.92 2.11 -51.46	72.15 2.00 -53.37	60.33 2.02 -41.51	65.40 2.02 -46.58	68.98 2.07 -50.11	69.73 2.05 -50.88	70.91 2.00 -52.41	72.17 1.90 -53.77	75.32 1.97 -56.94	84.07 2.05 -65.18	97.29 2.10 -78.22	75.15 1.92 -56.41	70.38 2.03 -51.53	63.50 2.01 -44.33
PJM_GEN_HTP_PROXY 323702	52.98 1.42 -34.25	52.76 1.37 -34.09	50.37 1.26 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.57 1.80 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.71	59.93 1.77 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.48	60.02 1.71 -41.50	62.55 1.63 -44.42	65.12 1.58 -47.04	73.57 1.53 -55.63	81.80 1.57 -63.40	78.95 1.61 -60.37	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
PJM_GEN_KEystone 24065	39.98 0.95 -21.72	39.86 0.93 -21.61	38.15 0.86 -20.49	37.86 0.87 -20.17	38.04 0.93 -19.78	39.07 0.95 -20.79	44.22 1.37 -22.40	52.35 1.13 -28.56	52.15 1.22 -25.92	47.34 1.06 -25.82	44.10 0.87 -25.89	44.63 0.74 -27.10	43.85 0.74 -26.31	43.76 0.72 -26.23	42.59 0.76 -25.04	43.85 0.74 -26.31	45.11 0.73 -27.89	46.71 0.68 -29.54	52.00 0.66 -34.93	56.93 0.79 -39.30	55.73 0.86 -37.91	46.24 0.76 -28.66	43.26 0.74 -25.71	41.29 0.94 -23.19
PJM_GEN_NEPTUNE_PROXY 323594	53.09 1.52 -34.26	52.98 1.57 -34.09	50.58 1.46 -32.32	50.06 1.43 -31.81	50.07 1.54 -31.21	51.57 1.46 -32.79	57.76 1.98 -35.33	70.13 2.43 -45.05	72.55 2.87 -44.67	63.52 2.33 -40.72	70.78 1.98 -51.46	72.04 1.88 -53.37	60.22 1.91 -41.51	65.30 1.91 -46.58	68.84 1.93 -50.11	69.61 1.93 -50.88	70.76 1.85 -52.41	72.05 1.78 -53.77	75.13 1.77 -56.94	83.87 1.85 -65.18	97.07 1.88 -78.22	74.98 1.75 -56.41	70.18 1.83 -51.53	63.29 1.80 -44.33

PJM_GEN_VFT_PROXY 323633	52.91 1.35 -34.25	52.69 1.30 -34.09	50.31 1.19 -32.31	49.79 1.16 -31.81	49.77 1.25 -31.20	51.41 1.30 -32.79	57.51 1.74 -35.32	69.67 1.97 -45.04	68.31 2.42 -40.88	63.21 2.03 -40.71	59.93 1.77 -40.82	61.26 1.69 -42.78	60.02 1.71 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.48	60.03 1.73 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.04	73.54 1.49 -55.63	74.55 1.52 -56.20	78.93 1.59 -60.38	64.00 1.53 -45.65	59.21 1.45 -40.94	55.42 1.32 -36.94
PLEASANTVLY___LBMP 24000	53.50 1.18 -35.02	53.30 1.14 -34.85	50.93 1.09 -33.03	50.41 1.08 -32.52	50.35 1.13 -31.90	51.99 1.14 -33.52	58.01 1.45 -36.11	70.27 1.56 -46.05	68.67 1.88 -41.79	63.64 1.55 -41.62	60.41 1.34 -41.73	61.82 1.28 -43.76	60.52 1.29 -42.43	60.39 1.29 -42.29	58.48 1.31 -40.36	60.54 1.31 -42.43	63.17 1.25 -45.41	65.83 1.24 -48.10	74.49 1.20 -56.88	82.93 1.28 -64.81	79.96 1.27 -61.73	64.72 1.23 -46.67	59.86 1.18 -41.86	56.05 1.13 -37.76
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.05 1.35 -34.39	52.83 1.30 -34.23	50.47 1.23 -32.44	49.97 1.21 -31.94	49.92 1.26 -31.33	51.55 1.30 -32.92	57.57 1.66 -35.47	69.72 1.83 -45.23	68.27 2.22 -41.05	63.17 1.82 -40.88	59.91 1.58 -40.99	61.25 1.51 -42.96	60.00 1.53 -41.67	59.86 1.51 -41.54	57.98 1.53 -39.65	60.02 1.54 -41.67	62.57 1.47 -44.60	65.19 1.45 -47.24	73.69 1.41 -55.86	81.98 1.48 -63.66	79.08 1.49 -60.63	64.09 1.43 -45.84	59.31 1.38 -41.11	55.55 1.30 -37.09
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.94 1.30 -35.33	53.73 1.26 -35.16	51.34 1.21 -33.33	50.82 1.19 -32.81	50.76 1.25 -32.18	52.39 1.25 -33.82	58.46 1.57 -36.43	70.82 1.70 -46.46	69.19 2.02 -42.17	64.10 1.64 -42.00	60.84 1.39 -42.11	61.92 1.33 -43.81	60.95 1.34 -42.80	60.80 1.33 -42.67	58.89 1.36 -40.73	60.95 1.34 -42.80	63.64 1.32 -45.82	66.35 1.32 -48.53	75.10 1.30 -57.39	83.63 1.40 -65.40	80.63 1.39 -62.28	65.24 1.33 -47.09	60.35 1.30 -42.23	56.51 1.25 -38.10
POLETTI____ 23519	52.98 1.42 -34.25	52.75 1.35 -34.09	50.37 1.26 -32.31	49.85 1.23 -31.81	49.83 1.30 -31.20	51.45 1.33 -32.79	57.55 1.78 -35.32	69.62 1.92 -45.04	68.26 2.38 -40.88	63.16 1.98 -40.71	59.91 1.75 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.48	60.02 1.71 -41.50	62.54 1.62 -44.42	65.09 1.55 -47.04	73.54 1.49 -55.63	81.78 1.55 -63.40	78.93 1.59 -60.38	63.98 1.51 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
PORT_JEFF_3 23555	53.07 1.51 -34.26	53.08 1.68 -34.09	50.66 1.54 -32.32	50.15 1.51 -31.81	50.16 1.63 -31.21	51.55 1.44 -32.79	57.76 1.98 -35.33	70.27 2.56 -45.05	72.70 3.02 -44.67	63.56 2.37 -40.72	70.82 2.01 -51.46	72.05 1.90 -53.37	60.21 1.90 -41.51	65.30 1.91 -46.58	68.86 1.95 -50.11	69.63 1.95 -50.88	70.81 1.90 -52.41	72.07 1.80 -53.77	75.22 1.87 -56.94	83.98 1.97 -65.18	97.18 2.00 -78.22	75.03 1.80 -56.41	70.33 1.98 -51.53	63.46 1.97 -44.33
PORT_JEFF_4 23616	53.07 1.51 -34.26	53.08 1.68 -34.09	50.66 1.54 -32.32	50.15 1.51 -31.81	50.16 1.63 -31.21	51.55 1.44 -32.79	57.76 1.98 -35.33	70.27 2.56 -45.05	72.70 3.02 -44.67	63.56 2.37 -40.72	70.82 2.01 -51.46	72.05 1.90 -53.37	60.21 1.90 -41.51	65.30 1.91 -46.58	68.86 1.95 -50.11	69.63 1.95 -50.88	70.81 1.90 -52.41	72.07 1.80 -53.77	75.22 1.87 -56.94	83.98 1.97 -65.18	97.18 2.00 -78.22	75.03 1.80 -56.41	70.33 1.98 -51.53	63.46 1.97 -44.33
PORT_JEFF_IC 23713	53.07 1.51 -34.26	53.08 1.68 -34.09	50.66 1.54 -32.32	50.15 1.51 -31.81	50.16 1.63 -31.21	51.54 1.42 -32.79	57.76 1.98 -35.33	70.29 2.58 -45.05	72.72 3.05 -44.67	63.58 2.39 -40.72	70.83 2.03 -51.46	72.05 1.90 -53.37	60.21 1.90 -41.51	65.32 1.93 -46.58	68.88 1.96 -50.11	69.63 1.95 -50.88	70.83 1.91 -52.41	72.07 1.80 -53.77	75.24 1.89 -56.94	84.00 1.99 -65.18	97.20 2.02 -78.22	75.03 1.80 -56.41	70.33 1.98 -51.53	63.46 1.97 -44.33
PPL PILGRIM_ST_GT1 24216	53.26 1.70 -34.26	53.20 1.80 -34.09	50.78 1.66 -32.32	50.26 1.63 -31.81	50.28 1.75 -31.21	51.73 1.61 -32.79	57.99 2.21 -35.33	70.49 2.79 -45.05	72.92 3.25 -44.67	63.79 2.60 -40.72	71.01 2.20 -51.46	72.24 2.08 -53.37	60.39 2.08 -41.51	65.49 2.10 -46.58	69.05 2.13 -50.11	69.80 2.12 -50.88	70.99 2.08 -52.41	72.23 1.96 -53.77	75.39 2.03 -56.94	84.14 2.12 -65.18	97.35 2.17 -78.22	75.22 1.98 -56.41	70.49 2.14 -51.53	63.60 2.11 -44.33
PPL PILGRIM_ST_GT2 24217	53.26 1.70 -34.26	53.20 1.80 -34.09	50.78 1.66 -32.32	50.26 1.63 -31.81	50.28 1.75 -31.21	51.73 1.61 -32.79	57.99 2.21 -35.33	70.49 2.79 -45.05	72.92 3.25 -44.67	63.79 2.60 -40.72	71.01 2.20 -51.46	72.24 2.08 -53.37	60.39 2.08 -41.51	65.49 2.10 -46.58	69.05 2.13 -50.11	69.80 2.12 -50.88	70.99 2.08 -52.41	72.23 1.96 -53.77	75.39 2.03 -56.94	84.14 2.12 -65.18	97.35 2.17 -78.22	75.22 1.98 -56.41	70.49 2.14 -51.53	63.60 2.11 -44.33
PPL_SHRM_GT3 24213	52.83 1.26 -34.26	52.99 1.59 -34.09	50.58 1.46 -32.32	50.05 1.41 -31.81	50.07 1.54 -31.21	51.29 1.18 -32.79	57.45 1.68 -35.33	69.61 1.90 -45.05	72.00 2.33 -44.67	62.95 1.76 -40.72	70.47 1.66 -51.46	71.70 1.54 -53.37	59.84 1.53 -41.51	64.95 1.56 -46.58	68.51 1.60 -50.11	69.28 1.60 -50.88	70.50 1.58 -52.41	71.82 1.55 -53.77	74.96 1.61 -56.94	83.73 1.72 -65.18	96.91 1.73 -78.22	74.83 1.60 -56.41	70.07 1.72 -51.53	63.15 1.66 -44.33
PPL_SHRM_GT4 24214	52.83 1.26 -34.26	52.99 1.59 -34.09	50.58 1.46 -32.32	50.05 1.41 -31.81	50.07 1.54 -31.21	51.29 1.18 -32.79	57.45 1.68 -35.33	69.61 1.90 -45.05	72.00 2.33 -44.67	62.95 1.76 -40.72	70.47 1.66 -51.46	71.70 1.54 -53.37	59.84 1.53 -41.51	64.95 1.56 -46.58	68.51 1.60 -50.11	69.28 1.60 -50.88	70.50 1.58 -52.41	71.82 1.55 -53.77	74.96 1.61 -56.94	83.73 1.72 -65.18	96.91 1.73 -78.22	74.83 1.60 -56.41	70.07 1.72 -51.53	63.15 1.66 -44.33
PROJECT___ORANGE 1 24174	20.73 0.05 -3.37	20.72 0.05 -3.36	20.04 0.05 -3.18	20.06 0.10 -3.13	20.50 0.10 -3.07	20.68 0.12 -3.23	24.18 0.25 -3.48	27.32 0.23 -4.44	29.25 0.22 -4.03	24.70 0.23 -4.01	21.51 0.16 -4.01	21.01 0.05 -4.18	20.94 0.05 -4.09	20.93 0.05 -4.08	20.76 0.07 -3.89	20.97 0.08 -4.09	20.90 0.07 -4.34	21.17 0.08 -4.59	21.88 0.03 -5.43	23.13 0.10 -6.19	22.99 0.14 -5.89	21.36 0.08 -4.46	20.88 0.07 -4.00	20.92 0.15 -3.60
PROJECT___ORANGE 2 24166	20.73 0.05 -3.37	20.72 0.05 -3.36	20.04 0.05 -3.18	20.06 0.10 -3.13	20.50 0.10 -3.07	20.68 0.12 -3.23	24.18 0.25 -3.48	27.32 0.23 -4.44	29.25 0.22 -4.03	24.70 0.23 -4.01	21.51 0.16 -4.01	21.01 0.05 -4.18	20.94 0.05 -4.09	20.93 0.05 -4.08	20.76 0.07 -3.89	20.97 0.08 -4.09	20.90 0.07 -4.34	21.17 0.08 -4.59	21.88 0.03 -5.43	23.13 0.10 -6.19	22.99 0.14 -5.89	21.36 0.08 -4.46	20.88 0.07 -4.00	20.92 0.15 -3.60
PYRITES___HYD 24023	16.53 -0.78 0.00	16.51 -0.80 0.00	16.01 -0.79 0.00	15.98 -0.84 0.00	16.56 -0.76 0.00	16.61 -0.71 0.00	19.47 -0.98 0.00	21.75 -0.91 0.00	23.93 -1.07 0.00	19.55 -0.92 0.00	16.58 -0.76 0.00	16.13 -0.65 0.00	16.06 -0.74 0.00	16.11 -0.69 0.00	16.05 -0.76 0.00	16.00 -0.81 0.00	15.76 -0.74 0.00	15.81 -0.69 0.00	15.79 -0.62 0.00	16.06 -0.77 0.00	16.15 -0.81 0.00	16.08 -0.74 0.00	16.05 -0.77 0.00	16.26 -0.89 0.00



RAMAPO____LBMP 323565	52.13 1.28 -33.54	51.94 1.25 -33.38	49.62 1.18 -31.64	49.13 1.16 -31.15	49.09 1.21 -30.55	50.66 1.23 -32.11	56.64 1.60 -34.59	68.51 1.74 -44.11	67.13 2.10 -40.03	62.08 1.74 -39.87	58.83 1.51 -39.98	60.09 1.43 -41.88	58.89 1.45 -40.64	58.76 1.45 -40.51	56.93 1.46 -38.67	58.90 1.46 -40.64	61.40 1.40 -43.50	63.95 1.39 -46.07	72.22 1.33 -54.48	80.31 1.40 -62.08	77.51 1.42 -59.12	62.88 1.36 -44.70	58.23 1.31 -40.09	54.58 1.25 -36.17
RANKINE____ 23646	24.35 0.62 -6.42	24.36 0.66 -6.39	23.38 0.52 -6.06	23.37 0.59 -5.97	23.85 0.67 -5.85	24.15 0.67 -6.15	28.36 1.29 -6.62	31.63 0.52 -8.45	32.94 0.28 -7.67	28.49 0.39 -7.64	25.20 0.17 -7.69	24.70 -0.08 -8.00	24.52 -0.07 -7.78	24.44 -0.12 -7.76	24.14 -0.07 -7.41	24.38 -0.20 -7.78	24.00 -0.11 -7.62	24.28 -0.28 -8.06	25.74 -0.21 -9.54	27.72 0.02 -10.87	27.51 0.20 -10.35	24.68 0.03 -7.83	23.91 0.07 -7.02	24.14 0.65 -6.33
RAVENSWOOD_GT2_1 24244	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.24 1.48 -40.94	55.50 1.41 -36.94
RAVENSWOOD_GT2_2 24245	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.24 1.48 -40.94	55.50 1.41 -36.94
RAVENSWOOD_GT2_3 24246	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.31 2.42 -40.88	63.19 2.01 -40.72	59.93 1.77 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.82 1.58 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
RAVENSWOOD_GT2_4 24247	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.31 2.42 -40.88	63.19 2.01 -40.72	59.93 1.77 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.82 1.58 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
RAVENSWOOD_GT3_1 24248	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.17 1.98 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
RAVENSWOOD_GT3_2 24249	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.17 1.98 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
RAVENSWOOD_GT3_3 24250	53.02 1.45 -34.25	52.78 1.39 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.48 1.37 -32.79	57.57 1.80 -35.32	69.70 1.99 -45.04	68.31 2.42 -40.88	63.21 2.03 -40.72	59.95 1.79 -40.82	61.26 1.69 -42.78	60.04 1.73 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.49	60.04 1.73 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.05	73.59 1.54 -55.64	81.82 1.58 -63.40	78.97 1.63 -60.38	64.02 1.55 -45.65	59.28 1.51 -40.94	55.52 1.42 -36.94
RAVENSWOOD_GT3_4 24251	53.02 1.45 -34.25	52.78 1.39 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.48 1.37 -32.79	57.57 1.80 -35.32	69.70 1.99 -45.04	68.31 2.42 -40.88	63.21 2.03 -40.72	59.95 1.79 -40.82	61.26 1.69 -42.78	60.04 1.73 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.49	60.04 1.73 -41.50	62.57 1.65 -44.42	65.14 1.60 -47.05	73.59 1.54 -55.64	81.82 1.58 -63.40	78.97 1.63 -60.38	64.02 1.55 -45.65	59.28 1.51 -40.94	55.52 1.42 -36.94
RAVENSWOOD_GT_1 23729	53.05 1.49 -34.25	52.82 1.42 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.45 1.33 -32.79	57.53 1.76 -35.32	69.65 1.95 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.95 1.79 -40.82	61.26 1.69 -42.78	60.04 1.73 -41.50	59.91 1.73 -41.37	58.03 1.75 -39.49	60.04 1.73 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	63.99 1.51 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
RAVENSWOOD_GT_10 24258	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.17 1.98 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
RAVENSWOOD_GT_11 24259	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.17 1.98 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
RAVENSWOOD_GT_4 24252	52.98 1.42 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
RAVENSWOOD_GT_5 24254	52.98 1.42 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94

RAVENSWOOD_GT_6 24253	52.98 1.42 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
RAVENSWOOD_GT_7 24255	52.98 1.42 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.56 1.63 -44.42	65.13 1.58 -47.05	73.58 1.53 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.17 1.98 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
RAVENSWOOD_GT_9 24257	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.17 1.98 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
RAVENSWOOD___1 23533	53.05 1.49 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.45 1.33 -32.79	57.53 1.76 -35.32	69.65 1.95 -45.04	68.28 2.40 -40.88	63.17 1.98 -40.72	59.93 1.77 -40.82	61.26 1.69 -42.78	60.02 1.71 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.49	60.04 1.73 -41.50	62.56 1.63 -44.42	65.11 1.57 -47.05	73.58 1.53 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	63.99 1.51 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
RAVENSWOOD___2 23534	53.03 1.47 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.63 1.92 -45.04	68.26 2.38 -40.88	63.17 1.98 -40.72	59.93 1.77 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.89 1.71 -41.37	58.02 1.73 -39.49	60.04 1.73 -41.50	62.56 1.63 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.93 1.59 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.50 1.41 -36.94
RAVENSWOOD___3 23535	53.00 1.44 -34.25	52.76 1.37 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.46 1.35 -32.79	57.55 1.78 -35.32	69.67 1.97 -45.04	68.28 2.40 -40.88	63.19 2.01 -40.72	59.92 1.75 -40.82	61.24 1.68 -42.78	60.00 1.70 -41.50	59.87 1.70 -41.37	58.00 1.71 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.80 1.57 -63.40	78.95 1.61 -60.38	64.00 1.53 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94
RAVENSWOOD___4 23820	53.03 1.47 -34.25	52.78 1.39 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.63 1.92 -45.04	68.26 2.38 -40.88	63.17 1.98 -40.72	59.93 1.77 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
RCPL_TRUST___DRP 24196	53.01 1.45 -34.25	52.78 1.39 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.48 1.37 -32.79	57.59 1.82 -35.32	69.71 2.02 -45.04	68.33 2.45 -40.88	63.22 2.05 -40.71	59.97 1.80 -40.82	61.28 1.71 -42.78	60.05 1.75 -41.50	59.90 1.73 -41.37	58.05 1.76 -39.48	60.05 1.75 -41.50	62.58 1.67 -44.42	65.16 1.62 -47.04	73.59 1.54 -55.63	81.83 1.60 -63.40	78.98 1.64 -60.37	64.03 1.56 -45.65	59.28 1.51 -40.94	55.52 1.42 -36.94
RED___ROCHESTER 323720	22.58 0.29 -4.98	22.59 0.33 -4.96	21.72 0.22 -4.70	21.73 0.29 -4.63	22.19 0.33 -4.54	22.46 0.36 -4.77	26.38 0.80 -5.14	29.55 0.34 -6.55	31.05 0.10 -5.95	26.57 0.18 -5.92	23.35 0.07 -5.94	22.82 -0.15 -6.18	22.70 -0.14 -6.04	22.70 -0.12 -6.02	22.44 -0.10 -5.74	22.65 -0.18 -6.04	21.96 -0.10 -5.56	22.19 -0.20 -5.89	23.24 -0.13 -6.96	24.82 0.05 -7.93	24.65 0.14 -7.55	22.50 -0.03 -5.71	21.98 0.03 -5.12	22.14 0.36 -4.62
RENSSELAER___COGEN 23796	60.37 1.00 -42.06	60.16 0.99 -41.86	57.44 0.96 -39.68	56.86 0.98 -39.06	56.64 1.00 -38.32	58.63 1.04 -40.26	65.07 1.25 -43.38	79.26 1.29 -55.31	76.63 1.42 -50.20	71.67 1.21 -50.00	68.44 0.97 -50.13	69.27 0.92 -51.57	68.69 0.94 -50.94	68.53 0.92 -50.81	66.23 0.94 -48.49	68.67 0.92 -50.94	72.00 0.92 -54.57	75.23 0.94 -57.80	85.72 0.95 -68.35	95.77 1.04 -77.89	92.12 0.98 -74.18	73.90 0.99 -56.08	68.08 0.96 -50.30	63.46 0.93 -45.38
REVERE_CPPR_DRP 24186	19.21 0.41 -1.49	19.19 0.40 -1.49	18.60 0.39 -1.41	18.59 0.39 -1.39	19.13 0.45 -1.36	19.26 0.50 -1.43	22.72 0.74 -1.54	25.46 0.84 -1.96	27.68 0.90 -1.78	22.98 0.74 -1.77	19.64 0.52 -1.77	19.05 0.42 -1.85	18.98 0.37 -1.81	18.97 0.37 -1.80	18.89 0.37 -1.72	18.98 0.37 -1.81	18.79 0.38 -1.91	19.03 0.51 -2.02	19.23 0.43 -2.39	20.06 0.50 -2.72	20.10 0.54 -2.59	19.28 0.50 -1.96	19.00 0.42 -1.76	19.19 0.45 -1.59
RIVERBAY____ 323610	53.02 1.45 -34.25	52.75 1.35 -34.09	50.34 1.23 -32.31	49.82 1.19 -31.81	49.81 1.28 -31.20	51.34 1.23 -32.79	57.34 1.57 -35.31	69.39 1.70 -45.04	67.97 2.10 -40.87	62.93 1.76 -40.71	59.73 1.58 -40.82	61.07 1.51 -42.77	59.83 1.53 -41.50	59.70 1.53 -41.36	57.82 1.54 -39.48	59.83 1.53 -41.50	62.37 1.45 -44.42	64.96 1.42 -47.04	73.37 1.33 -55.63	81.59 1.36 -63.39	78.72 1.39 -60.37	63.81 1.35 -45.64	59.05 1.30 -40.94	55.33 1.24 -36.94
ROARING___BROOK_WT_PWR 323790	15.67 -0.26 1.38	15.62 -0.31 1.38	15.13 -0.37 1.30	15.13 -0.40 1.28	15.63 -0.43 1.26	15.57 -0.43 1.32	18.51 -0.51 1.43	20.27 -0.57 1.82	22.75 -0.60 1.65	18.29 -0.53 1.64	15.17 -0.52 1.65	14.50 -0.50 1.78	14.62 -0.50 1.68	14.63 -0.50 1.67	14.69 -0.52 1.59	14.62 -0.50 1.68	14.24 -0.46 1.80	14.15 -0.44 1.91	13.71 -0.44 2.26	13.81 -0.45 2.57	14.05 -0.46 2.45	14.53 -0.44 1.85	14.74 -0.42 1.66	15.21 -0.45 1.50
ROCHESTER_9_IC 23652	22.53 0.24 -4.98	22.54 0.28 -4.96	21.67 0.17 -4.70	21.68 0.24 -4.63	22.14 0.28 -4.54	22.39 0.29 -4.77	26.30 0.72 -5.14	29.44 0.23 -6.55	30.92 -0.02 -5.95	26.47 0.08 -5.92	23.27 -0.02 -5.94	22.75 -0.22 -6.18	22.64 -0.20 -6.04	22.62 -0.20 -6.02	22.38 -0.17 -5.74	22.59 -0.25 -6.04	21.89 -0.16 -5.56	22.12 -0.26 -5.89	23.18 -0.20 -6.96	24.73 -0.03 -7.93	24.56 0.05 -7.55	22.43 -0.10 -5.71	21.91 -0.03 -5.12	22.07 0.29 -4.62

ROSETON___1 23587	52.76 1.18 -34.28	52.56 1.14 -34.11	50.21 1.08 -32.33	49.73 1.08 -31.83	49.67 1.13 -31.22	51.26 1.13 -32.81	57.25 1.45 -35.34	69.29 1.56 -45.07	67.78 1.88 -40.91	62.76 1.55 -40.74	59.53 1.34 -40.85	60.85 1.28 -42.79	59.63 1.29 -41.53	59.49 1.29 -41.40	57.62 1.31 -39.51	59.64 1.31 -41.53	62.20 1.25 -44.45	64.81 1.24 -47.08	73.28 1.20 -55.67	81.54 1.26 -63.44	78.65 1.27 -60.42	63.73 1.23 -45.68	58.98 1.19 -40.97	55.25 1.13 -36.96
ROSETON___2 23588	52.76 1.18 -34.28	52.56 1.14 -34.11	50.21 1.08 -32.33	49.73 1.08 -31.83	49.67 1.13 -31.22	51.26 1.13 -32.81	57.25 1.45 -35.34	69.29 1.56 -45.07	67.78 1.88 -40.91	62.76 1.55 -40.74	59.53 1.34 -40.85	60.85 1.28 -42.79	59.63 1.29 -41.53	59.49 1.29 -41.40	57.62 1.31 -39.51	59.64 1.31 -41.53	62.20 1.25 -44.45	64.81 1.24 -47.08	73.28 1.20 -55.67	81.54 1.26 -63.44	78.65 1.27 -60.42	63.73 1.23 -45.68	58.98 1.19 -40.97	55.25 1.13 -36.96
RUSSELL___1 23602	22.58 0.29 -4.98	22.59 0.33 -4.96	21.72 0.22 -4.70	21.73 0.29 -4.63	22.19 0.33 -4.54	22.46 0.36 -4.77	26.38 0.80 -5.14	29.55 0.34 -6.55	31.05 0.10 -5.95	26.57 0.18 -5.92	23.35 0.07 -5.94	22.82 -0.15 -6.18	22.70 -0.14 -6.04	22.70 -0.12 -6.02	22.44 -0.10 -5.74	22.65 -0.18 -6.04	21.96 -0.10 -5.56	22.19 -0.20 -5.89	23.24 -0.13 -6.96	24.82 0.05 -7.93	24.65 0.14 -7.55	22.50 -0.03 -5.71	21.98 0.03 -5.12	22.14 0.36 -4.62
RUSSELL___2 23532	22.58 0.29 -4.98	22.59 0.33 -4.96	21.72 0.22 -4.70	21.73 0.29 -4.63	22.19 0.33 -4.54	22.46 0.36 -4.77	26.38 0.80 -5.14	29.55 0.34 -6.55	31.05 0.10 -5.95	26.57 0.18 -5.92	23.35 0.07 -5.94	22.82 -0.15 -6.18	22.70 -0.14 -6.04	22.70 -0.12 -6.02	22.44 -0.10 -5.74	22.65 -0.18 -6.04	21.96 -0.10 -5.56	22.19 -0.20 -5.89	23.24 -0.13 -6.96	24.82 0.05 -7.93	24.65 0.14 -7.55	22.50 -0.03 -5.71	21.98 0.03 -5.12	22.14 0.36 -4.62
RUSSELL___3 23549	22.58 0.29 -4.98	22.59 0.33 -4.96	21.72 0.22 -4.70	21.73 0.29 -4.63	22.19 0.33 -4.54	22.46 0.36 -4.77	26.38 0.80 -5.14	29.55 0.34 -6.55	31.05 0.10 -5.95	26.57 0.18 -5.92	23.35 0.07 -5.94	22.82 -0.15 -6.18	22.70 -0.14 -6.04	22.70 -0.12 -6.02	22.44 -0.10 -5.74	22.65 -0.18 -6.04	21.96 -0.10 -5.56	22.19 -0.20 -5.89	23.24 -0.13 -6.96	24.82 0.05 -7.93	24.65 0.14 -7.55	22.50 -0.03 -5.71	21.98 0.03 -5.12	22.14 0.36 -4.62
RUSSELL___4 23556	22.58 0.29 -4.98	22.59 0.33 -4.96	21.72 0.22 -4.70	21.73 0.29 -4.63	22.19 0.33 -4.54	22.46 0.36 -4.77	26.38 0.80 -5.14	29.55 0.34 -6.55	31.05 0.10 -5.95	26.57 0.18 -5.92	23.35 0.07 -5.94	22.82 -0.15 -6.18	22.70 -0.14 -6.04	22.70 -0.12 -6.02	22.44 -0.10 -5.74	22.65 -0.18 -6.04	21.96 -0.10 -5.56	22.19 -0.20 -5.89	23.24 -0.13 -6.96	24.82 0.05 -7.93	24.65 0.14 -7.55	22.50 -0.03 -5.71	21.98 0.03 -5.12	22.14 0.36 -4.62
RUSSELL___STATION 23914	22.58 0.29 -4.98	22.59 0.33 -4.96	21.72 0.22 -4.70	21.73 0.29 -4.63	22.19 0.33 -4.54	22.46 0.36 -4.77	26.38 0.80 -5.14	29.55 0.34 -6.55	31.05 0.10 -5.95	26.57 0.18 -5.92	23.35 0.07 -5.94	22.82 -0.15 -6.18	22.70 -0.14 -6.04	22.70 -0.12 -6.02	22.44 -0.10 -5.74	22.65 -0.18 -6.04	21.96 -0.10 -5.56	22.19 -0.20 -5.89	23.24 -0.13 -6.96	24.82 0.05 -7.93	24.65 0.14 -7.55	22.50 -0.03 -5.71	21.98 0.03 -5.12	22.14 0.36 -4.62
S SALMON___HYD 24043	20.06 0.00 -2.75	20.05 0.00 -2.74	19.38 -0.02 -2.60	19.43 0.05 -2.56	19.92 0.09 -2.51	20.08 0.12 -2.64	23.54 0.25 -2.84	26.62 0.34 -3.62	28.64 0.35 -3.29	23.99 0.25 -3.27	20.75 0.14 -3.27	20.15 -0.03 -3.40	20.05 -0.08 -3.34	20.06 -0.07 -3.33	19.89 -0.08 -3.17	20.05 -0.08 -3.34	19.97 -0.07 -3.53	20.24 0.00 -3.74	20.84 0.00 -4.42	21.94 0.07 -5.04	21.88 0.12 -4.80	20.53 0.08 -3.63	20.16 0.08 -3.26	20.23 0.14 -2.94
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.95 0.38 -6.26	23.95 0.41 -6.23	22.99 0.29 -5.90	22.98 0.35 -5.81	23.46 0.43 -5.70	23.75 0.43 -5.99	27.86 0.96 -6.45	31.02 0.14 -8.23	32.29 -0.17 -7.47	27.92 0.02 -7.44	24.69 -0.12 -7.47	24.19 -0.37 -7.77	24.03 -0.35 -7.58	23.97 -0.39 -7.56	23.68 -0.34 -7.21	23.93 -0.45 -7.58	23.47 -0.38 -7.35	23.78 -0.51 -7.79	25.20 -0.43 -9.21	27.11 -0.22 -10.50	26.91 -0.05 -10.00	24.16 -0.22 -7.56	23.45 -0.15 -6.78	23.70 0.43 -6.12
SELKIRK___I 23801	59.18 0.92 -40.96	58.97 0.90 -40.76	56.33 0.89 -38.64	55.73 0.87 -38.03	55.52 0.88 -37.31	57.41 0.88 -39.20	63.77 1.08 -42.23	77.63 1.11 -53.86	75.18 1.30 -48.88	70.21 1.06 -48.68	67.05 0.90 -48.81	68.14 0.86 -50.49	67.29 0.87 -49.61	67.14 0.87 -49.47	64.90 0.89 -47.21	67.29 0.87 -49.61	70.49 0.86 -53.14	73.65 0.87 -56.27	83.80 0.84 -66.55	93.55 0.87 -75.84	90.08 0.90 -72.22	72.30 0.87 -54.61	66.67 0.87 -48.98	62.22 0.87 -44.18
SELKIRK___II 23799	59.37 0.92 -41.14	59.15 0.90 -40.95	56.49 0.87 -38.81	55.92 0.89 -38.21	55.72 0.92 -37.48	57.62 0.92 -39.38	64.00 1.12 -42.43	77.92 1.15 -54.10	75.43 1.32 -49.11	70.48 1.10 -48.91	67.29 0.92 -49.03	68.28 0.86 -50.63	67.51 0.87 -49.83	67.37 0.87 -49.69	65.10 0.87 -47.43	67.51 0.87 -49.83	70.74 0.86 -53.38	73.89 0.86 -56.53	84.12 0.85 -66.85	93.94 0.93 -76.18	90.41 0.90 -72.55	72.57 0.89 -54.86	66.91 0.89 -49.20	62.42 0.87 -44.39
SENECA OSWGO___HYD 24041	20.65 0.14 -3.21	20.64 0.14 -3.19	19.94 0.12 -3.02	20.00 0.20 -2.98	20.47 0.22 -2.92	20.62 0.22 -3.07	24.14 0.39 -3.31	27.28 0.41 -4.22	29.28 0.45 -3.83	24.66 0.39 -3.81	21.41 0.26 -3.81	20.85 0.10 -3.96	20.77 0.08 -3.88	20.78 0.10 -3.87	20.60 0.10 -3.70	20.85 0.17 -3.88	20.72 0.12 -4.11	21.06 0.21 -4.35	21.72 0.16 -5.15	22.94 0.24 -5.86	22.83 0.29 -5.58	21.28 0.24 -4.22	20.79 0.19 -3.79	20.81 0.24 -3.42
SENECA___ENERGY 23797	22.49 0.17 -5.01	22.49 0.19 -4.99	21.66 0.13 -4.73	21.68 0.20 -4.65	22.15 0.26 -4.56	22.40 0.28 -4.80	26.17 0.55 -5.17	29.68 0.43 -6.59	31.43 0.45 -5.98	26.71 0.29 -5.96	23.49 0.16 -5.99	23.05 0.03 -6.23	22.96 0.08 -6.07	22.90 0.05 -6.05	22.66 0.08 -5.78	22.92 0.05 -6.07	22.73 0.08 -6.15	23.10 0.08 -6.51	24.17 0.05 -7.70	25.77 0.15 -8.78	25.56 0.24 -8.36	23.26 0.12 -6.32	22.61 0.12 -5.67	22.53 0.26 -5.11
SHOEMAKER___GT 23640	51.07 1.12 -32.63	50.88 1.09 -32.48	48.61 1.03 -30.79	48.15 1.03 -30.31	48.13 1.07 -29.73	49.62 1.06 -31.24	55.47 1.37 -33.65	67.07 1.50 -42.91	65.72 1.78 -38.95	60.73 1.47 -38.79	57.48 1.25 -38.89	58.70 1.17 -40.74	57.55 1.21 -39.54	57.41 1.19 -39.42	55.63 1.21 -37.62	57.55 1.21 -39.54	59.99 1.17 -42.32	62.47 1.15 -44.82	70.55 1.13 -53.00	78.44 1.21 -60.40	75.70 1.22 -57.52	61.47 1.16 -43.49	56.97 1.14 -39.00	53.46 1.11 -35.19
SHOREHAM_IC_1 23715	52.83 1.26 -34.26	52.99 1.59 -34.09	50.58 1.46 -32.32	50.05 1.41 -31.81	50.07 1.54 -31.21	51.29 1.18 -32.79	57.45 1.68 -35.33	69.61 1.90 -45.05	72.00 2.33 -44.67	62.95 1.76 -40.72	70.47 1.66 -51.46	71.70 1.54 -53.37	59.84 1.53 -41.51	64.95 1.56 -46.58	68.51 1.60 -50.11	69.28 1.60 -50.88	70.50 1.58 -52.41	71.82 1.55 -53.77	74.96 1.61 -56.94	83.73 1.72 -65.18	96.91 1.73 -78.22	74.83 1.60 -56.41	70.07 1.72 -51.53	63.15 1.66 -44.33

SHOREHAM_IC_2 23716	52.83 1.26 -34.26	52.99 1.59 -34.09	50.58 1.46 -32.32	50.05 1.41 -31.81	50.07 1.54 -31.21	51.29 1.18 -32.79	57.45 1.68 -35.33	69.61 1.90 -45.05	72.00 2.33 -44.67	62.95 1.76 -40.72	70.47 1.66 -51.46	71.70 1.54 -53.37	59.84 1.53 -41.51	64.95 1.56 -46.58	68.51 1.60 -50.11	69.28 1.60 -50.88	70.50 1.58 -52.41	71.82 1.55 -53.77	74.96 1.61 -56.94	83.73 1.72 -65.18	96.91 1.73 -78.22	74.83 1.60 -56.41	70.07 1.72 -51.53	63.15 1.66 -44.33
SISSONVILLE____ 23735	16.27 -1.04 0.00	16.27 -1.04 0.00	15.78 -1.03 0.00	15.74 -1.08 0.00	16.30 -1.02 0.00	16.34 -0.99 0.00	19.14 -1.31 0.00	21.37 -1.29 0.00	23.52 -1.48 0.00	19.18 -1.29 0.00	16.28 -1.06 0.00	15.83 -0.96 0.00	15.78 -1.03 0.00	15.81 -0.99 0.00	15.76 -1.04 0.00	15.73 -1.08 0.00	15.49 -1.01 0.00	15.53 -0.97 0.00	15.53 -0.89 0.00	15.78 -1.06 0.00	15.86 -1.10 0.00	15.79 -1.03 0.00	15.79 -1.03 0.00	16.01 -1.15 0.00
SITHE_IND_GS1 24169	19.44 -0.28 -2.41	19.43 -0.28 -2.40	18.79 -0.29 -2.27	18.81 -0.25 -2.24	19.26 -0.26 -2.20	19.37 -0.26 -2.31	22.71 -0.22 -2.49	25.51 -0.32 -3.17	27.50 -0.37 -2.88	23.04 -0.29 -2.87	19.94 -0.28 -2.87	19.46 -0.32 -2.99	19.40 -0.32 -2.92	19.39 -0.32 -2.91	19.28 -0.30 -2.78	19.42 -0.30 -2.92	19.34 -0.31 -3.15	19.53 -0.31 -3.34	20.05 -0.31 -3.95	21.05 -0.29 -4.50	20.99 -0.25 -4.29	19.78 -0.29 -3.24	19.44 -0.29 -2.91	19.56 -0.22 -2.62
SITHE_IND_GS2 24170	19.44 -0.28 -2.41	19.43 -0.28 -2.40	18.79 -0.29 -2.27	18.81 -0.25 -2.24	19.26 -0.26 -2.20	19.37 -0.26 -2.31	22.71 -0.22 -2.49	25.51 -0.32 -3.17	27.50 -0.37 -2.88	23.04 -0.29 -2.87	19.94 -0.28 -2.87	19.46 -0.32 -2.99	19.40 -0.32 -2.92	19.39 -0.32 -2.91	19.28 -0.30 -2.78	19.42 -0.30 -2.92	19.34 -0.31 -3.15	19.53 -0.31 -3.34	20.05 -0.31 -3.95	21.05 -0.29 -4.50	20.99 -0.25 -4.29	19.78 -0.29 -3.24	19.44 -0.29 -2.91	19.56 -0.22 -2.62
SITHE_IND_GS3 24171	19.44 -0.28 -2.41	19.43 -0.28 -2.40	18.79 -0.29 -2.27	18.81 -0.25 -2.24	19.26 -0.26 -2.20	19.37 -0.26 -2.31	22.71 -0.22 -2.49	25.51 -0.32 -3.17	27.50 -0.37 -2.88	23.04 -0.29 -2.87	19.94 -0.28 -2.87	19.46 -0.32 -2.99	19.40 -0.32 -2.92	19.39 -0.32 -2.91	19.28 -0.30 -2.78	19.42 -0.30 -2.92	19.34 -0.31 -3.15	19.53 -0.31 -3.34	20.05 -0.31 -3.95	21.05 -0.29 -4.50	20.99 -0.25 -4.29	19.78 -0.29 -3.24	19.44 -0.29 -2.91	19.56 -0.22 -2.62
SITHE_IND_GS4 24172	19.44 -0.28 -2.41	19.43 -0.28 -2.40	18.79 -0.29 -2.27	18.81 -0.25 -2.24	19.26 -0.26 -2.20	19.37 -0.26 -2.31	22.71 -0.22 -2.49	25.51 -0.32 -3.17	27.50 -0.37 -2.88	23.04 -0.29 -2.87	19.94 -0.28 -2.87	19.46 -0.32 -2.99	19.40 -0.32 -2.92	19.39 -0.32 -2.91	19.28 -0.30 -2.78	19.42 -0.30 -2.92	19.34 -0.31 -3.15	19.53 -0.31 -3.34	20.05 -0.31 -3.95	21.05 -0.29 -4.50	20.99 -0.25 -4.29	19.78 -0.29 -3.24	19.44 -0.29 -2.91	19.56 -0.22 -2.62
SITHE____BATAVIA 24024	23.50 0.54 -5.66	23.53 0.59 -5.63	22.59 0.45 -5.34	22.60 0.52 -5.25	23.07 0.59 -5.15	23.36 0.62 -5.42	27.51 1.23 -5.83	30.55 0.45 -7.44	31.83 0.08 -6.75	27.37 0.18 -6.72	24.13 0.05 -6.74	23.58 -0.22 -7.01	23.49 -0.17 -6.85	23.40 -0.24 -6.83	23.14 -0.18 -6.52	23.40 -0.25 -6.85	22.82 -0.18 -6.50	23.09 -0.30 -6.88	24.34 -0.21 -8.14	26.17 0.05 -9.28	26.00 0.20 -8.84	23.52 0.02 -6.68	22.88 0.07 -5.99	23.15 0.58 -5.41
SITHE____INDEPEND 23800	19.44 -0.28 -2.41	19.43 -0.28 -2.40	18.79 -0.29 -2.27	18.81 -0.25 -2.24	19.26 -0.26 -2.20	19.37 -0.26 -2.31	22.71 -0.22 -2.49	25.51 -0.32 -3.17	27.50 -0.37 -2.88	23.04 -0.29 -2.87	19.94 -0.28 -2.87	19.46 -0.32 -2.99	19.40 -0.32 -2.92	19.39 -0.32 -2.91	19.28 -0.30 -2.78	19.42 -0.30 -2.92	19.34 -0.31 -3.15	19.53 -0.31 -3.34	20.05 -0.31 -3.95	21.05 -0.29 -4.50	20.99 -0.25 -4.29	19.78 -0.29 -3.24	19.44 -0.29 -2.91	19.56 -0.22 -2.62
SITHE____MASSENA 23902	16.84 -0.47 0.00	16.84 -0.47 0.00	16.33 -0.47 0.00	16.32 -0.50 0.00	16.86 -0.47 0.00	16.86 -0.47 0.00	19.78 -0.67 0.00	22.00 -0.66 0.00	24.22 -0.78 0.00	19.77 -0.70 0.00	16.80 -0.54 0.00	16.35 -0.44 0.00	16.33 -0.47 0.00	16.35 -0.45 0.00	16.31 -0.49 0.00	16.30 -0.50 0.00	16.05 -0.44 0.00	16.05 -0.44 0.00	16.05 -0.36 0.00	16.31 -0.52 0.00	16.40 -0.56 0.00	16.33 -0.49 0.00	16.33 -0.49 0.00	16.57 -0.58 0.00
SITHE____OGDNSBRG 24021	16.69 -0.62 0.00	16.69 -0.62 0.00	16.18 -0.62 0.00	16.15 -0.67 0.00	16.72 -0.61 0.00	16.75 -0.57 0.00	19.65 -0.80 0.00	21.96 -0.70 0.00	24.15 -0.85 0.00	19.73 -0.74 0.00	16.75 -0.59 0.00	16.30 -0.49 0.00	16.23 -0.57 0.00	16.26 -0.54 0.00	16.23 -0.57 0.00	16.18 -0.62 0.00	15.94 -0.56 0.00	15.95 -0.54 0.00	15.97 -0.44 0.00	16.25 -0.59 0.00	16.33 -0.63 0.00	16.25 -0.57 0.00	16.23 -0.59 0.00	16.45 -0.70 0.00
SITHE____STERLING 23777	19.54 0.38 -1.85	19.51 0.36 -1.84	18.88 0.34 -1.75	18.91 0.37 -1.72	19.43 0.42 -1.69	19.55 0.45 -1.77	23.01 0.65 -1.91	25.79 0.70 -2.43	27.96 0.75 -2.21	23.30 0.64 -2.20	19.99 0.45 -2.20	19.43 0.35 -2.29	19.36 0.32 -2.24	19.37 0.34 -2.23	19.29 0.35 -2.13	19.40 0.35 -2.24	19.21 0.35 -2.37	19.45 0.45 -2.51	19.74 0.36 -2.97	20.65 0.44 -3.38	20.65 0.47 -3.22	19.69 0.44 -2.43	19.37 0.37 -2.18	19.54 0.41 -1.97
SOUTH CAIRO____GT 23612	55.07 1.23 -36.54	54.86 1.19 -36.36	52.43 1.16 -34.47	51.91 1.16 -33.93	51.80 1.19 -33.28	53.46 1.16 -34.97	59.58 1.45 -37.68	72.34 1.63 -48.04	70.51 1.90 -43.61	65.35 1.45 -43.43	62.10 1.21 -43.54	63.25 1.16 -45.31	62.22 1.16 -44.26	62.07 1.14 -44.13	60.06 1.14 -42.12	62.19 1.13 -44.26	65.03 1.14 -47.39	67.77 1.09 -50.19	76.98 1.21 -59.35	85.83 1.36 -67.63	82.68 1.31 -64.41	66.71 1.19 -48.70	61.76 1.26 -43.68	57.81 1.25 -39.41
SOUTH HAMPTN____IC 23720	53.05 1.49 -34.26	53.18 1.78 -34.09	50.75 1.63 -32.32	50.23 1.60 -31.81	50.25 1.72 -31.21	51.50 1.39 -32.79	57.74 1.96 -35.33	70.22 2.51 -45.05	72.64 2.97 -44.67	63.50 2.31 -40.72	70.77 1.96 -51.46	71.99 1.83 -53.37	60.11 1.80 -41.51	65.22 1.83 -46.58	68.78 1.86 -50.11	69.56 1.88 -50.88	70.76 1.85 -52.41	72.05 1.78 -53.77	75.26 1.90 -56.94	84.03 2.02 -65.18	97.22 2.03 -78.22	75.08 1.85 -56.41	70.35 2.00 -51.53	63.44 1.96 -44.33
SOUTHOLD____IC 23719	53.33 1.77 -34.26	53.42 2.02 -34.09	51.00 1.88 -32.32	50.47 1.83 -31.81	50.49 1.96 -31.21	51.76 1.65 -32.79	58.07 2.29 -35.33	70.65 2.94 -45.05	73.12 3.45 -44.67	63.87 2.68 -40.72	71.08 2.27 -51.46	72.27 2.11 -53.37	60.38 2.07 -41.51	65.47 2.08 -46.58	69.03 2.12 -50.11	69.85 2.17 -50.88	71.06 2.14 -52.41	72.33 2.06 -53.77	75.58 2.23 -56.94	84.40 2.39 -65.18	97.57 2.39 -78.22	75.41 2.17 -56.41	70.69 2.34 -51.53	63.77 2.28 -44.33
ST LAWRENCE____ 23600	16.79 -0.52 0.00	16.79 -0.52 0.00	16.31 -0.49 0.00	16.30 -0.52 0.00	16.81 -0.52 0.00	16.81 -0.52 0.00	19.69 -0.76 0.00	21.91 -0.75 0.00	24.15 -0.85 0.00	19.73 -0.74 0.00	16.77 -0.57 0.00	16.30 -0.49 0.00	16.30 -0.50 0.00	16.30 -0.50 0.00	16.28 -0.52 0.00	16.28 -0.52 0.00	16.00 -0.49 0.00	16.00 -0.49 0.00	15.95 -0.46 0.00	16.28 -0.56 0.00	16.35 -0.61 0.00	16.30 -0.52 0.00	16.28 -0.54 0.00	16.52 -0.63 0.00

STATION_5_MISC_HYD 23604	22.53 0.24 -4.98	22.54 0.28 -4.96	21.67 0.17 -4.70	21.68 0.24 -4.63	22.14 0.28 -4.54	22.39 0.29 -4.77	26.30 0.72 -5.14	29.44 0.23 -6.55	30.92 -0.02 -5.95	26.47 0.08 -5.92	23.27 -0.02 -5.94	22.75 -0.22 -6.18	22.64 -0.20 -6.04	22.62 -0.20 -6.02	22.38 -0.17 -5.74	22.59 -0.25 -6.04	21.89 -0.16 -5.56	22.12 -0.26 -5.89	23.18 -0.20 -6.96	24.73 -0.03 -7.93	24.56 0.05 -7.55	22.43 -0.10 -5.71	21.91 -0.03 -5.12	22.07 0.29 -4.62
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.58 0.33 -4.95	22.58 0.35 -4.92	21.74 0.27 -4.67	21.75 0.34 -4.60	22.21 0.38 -4.51	22.48 0.42 -4.74	26.37 0.82 -5.10	29.64 0.48 -6.51	31.21 0.30 -5.91	26.63 0.29 -5.88	23.39 0.14 -5.91	22.90 -0.03 -6.14	22.78 -0.02 -5.99	22.78 0.00 -5.98	22.54 0.03 -5.70	22.78 -0.02 -5.99	22.23 0.03 -5.70	22.56 0.03 -6.03	23.57 0.02 -7.13	25.12 0.15 -8.13	24.94 0.24 -7.74	22.81 0.13 -5.85	22.19 0.12 -5.25	22.24 0.34 -4.74
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.39 0.12 -4.96	22.38 0.14 -4.94	21.53 0.05 -4.68	21.54 0.12 -4.61	22.00 0.16 -4.52	22.24 0.17 -4.75	26.14 0.57 -5.11	29.27 0.09 -6.52	30.77 -0.15 -5.92	26.32 -0.04 -5.89	23.14 -0.12 -5.91	22.64 -0.30 -6.15	22.52 -0.29 -6.01	22.51 -0.29 -5.99	22.27 -0.25 -5.72	22.47 -0.34 -6.01	21.79 -0.25 -5.54	22.04 -0.33 -5.87	23.07 -0.28 -6.94	24.61 -0.14 -7.91	24.46 -0.03 -7.53	22.33 -0.18 -5.69	21.79 -0.14 -5.11	21.92 0.15 -4.61
STEEL___WIND 323596	24.37 0.64 -6.42	24.38 0.67 -6.39	23.38 0.52 -6.06	23.39 0.60 -5.97	23.85 0.67 -5.85	24.17 0.69 -6.15	28.38 1.31 -6.62	31.63 0.52 -8.45	32.97 0.30 -7.67	28.51 0.41 -7.64	25.22 0.19 -7.69	24.70 -0.08 -8.00	24.53 -0.05 -7.78	24.46 -0.10 -7.76	24.14 -0.07 -7.41	24.40 -0.18 -7.78	24.02 -0.10 -7.62	24.30 -0.26 -8.06	25.76 -0.20 -9.54	27.74 0.03 -10.87	27.53 0.22 -10.35	24.70 0.05 -7.83	23.92 0.08 -7.02	24.16 0.67 -6.33
STEBEN_REC_LFGE 323667	26.84 1.02 -8.51	26.80 1.02 -8.47	25.76 0.92 -8.03	25.77 1.04 -7.91	26.22 1.14 -7.76	26.67 1.19 -8.15	31.03 1.80 -8.78	35.21 1.36 -11.20	36.39 1.22 -10.16	31.53 0.94 -10.12	28.09 0.59 -10.16	27.66 0.30 -10.57	27.40 0.29 -10.31	27.35 0.27 -10.28	26.95 0.34 -9.81	27.38 0.27 -10.31	27.46 0.35 -10.62	28.06 0.31 -11.25	30.11 0.39 -13.30	32.63 0.64 -15.15	32.17 0.78 -14.43	28.32 0.59 -10.91	27.18 0.57 -9.79	26.93 0.94 -8.83
STONY___BROOK 24151	53.09 1.52 -34.26	53.08 1.68 -34.09	50.66 1.54 -32.32	50.15 1.51 -31.81	50.16 1.63 -31.21	51.57 1.46 -32.79	57.78 2.01 -35.33	70.36 2.65 -45.05	72.80 3.12 -44.67	63.66 2.48 -40.72	70.89 2.08 -51.46	72.12 1.96 -53.37	60.27 1.96 -41.51	65.38 2.00 -46.58	68.94 2.03 -50.11	69.69 2.02 -50.88	70.89 2.02 -52.41	72.10 1.83 -53.77	75.29 1.94 -56.94	84.05 2.04 -65.18	97.25 2.07 -78.22	75.07 1.83 -56.41	70.38 2.03 -51.53	63.51 2.02 -44.33
STURGEON_POOL_HYD 23609	53.30 1.19 -34.80	53.10 1.16 -34.63	50.72 1.09 -32.82	50.22 1.09 -32.31	50.16 1.14 -31.69	51.74 1.11 -33.31	57.74 1.41 -35.88	69.82 1.41 -45.76	68.23 1.70 -41.53	63.22 1.39 -41.36	60.01 1.20 -41.47	61.22 1.12 -43.31	60.10 1.14 -42.16	59.97 1.14 -42.03	58.07 1.16 -40.11	60.12 1.16 -42.16	62.75 1.12 -45.13	65.48 1.19 -47.79	74.01 1.08 -56.52	82.40 1.16 -64.40	79.48 1.19 -61.33	64.39 1.19 -46.37	59.52 1.11 -41.59	55.76 1.08 -37.52
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	51.53 1.21 -33.01	51.34 1.18 -32.85	49.05 1.11 -31.14	48.59 1.11 -30.66	48.56 1.16 -30.07	50.09 1.16 -31.60	56.01 1.51 -34.04	67.68 1.61 -43.41	66.33 1.93 -39.40	61.30 1.60 -39.24	58.06 1.37 -39.34	59.31 1.31 -41.21	58.11 1.31 -40.00	57.99 1.31 -39.87	56.18 1.33 -38.06	58.13 1.33 -40.00	60.60 1.29 -42.81	63.12 1.29 -45.34	71.26 1.23 -53.62	79.25 1.31 -61.10	76.47 1.32 -58.19	62.09 1.28 -43.99	57.49 1.21 -39.46	53.92 1.17 -35.60
SYNERGY___BIOGAS 323694	23.50 0.54 -5.66	23.53 0.59 -5.63	22.59 0.45 -5.34	22.60 0.52 -5.25	23.07 0.59 -5.15	23.36 0.62 -5.42	27.51 1.23 -5.83	30.55 0.45 -7.44	31.83 0.08 -6.75	27.37 0.18 -6.72	24.13 0.05 -6.74	23.58 -0.22 -7.01	23.49 -0.17 -6.85	23.40 -0.24 -6.83	23.14 -0.18 -6.52	23.40 -0.25 -6.85	22.82 -0.18 -6.50	23.09 -0.30 -6.88	24.34 -0.21 -8.14	26.17 0.05 -9.28	26.00 0.20 -8.84	23.52 0.02 -6.68	22.88 0.07 -5.99	23.15 0.58 -5.41
SYRACUSE___ENERGY_ST1 323597	21.36 0.16 -3.90	21.35 0.16 -3.88	20.62 0.13 -3.68	20.64 0.20 -3.62	21.10 0.22 -3.55	21.28 0.22 -3.73	24.84 0.37 -4.02	28.15 0.36 -5.13	30.05 0.40 -4.66	25.47 0.37 -4.64	22.20 0.26 -4.60	21.72 0.15 -4.79	21.66 0.13 -4.73	21.65 0.13 -4.71	21.45 0.15 -4.50	21.70 0.17 -4.73	21.59 0.16 -4.93	21.92 0.20 -5.22	22.72 0.13 -6.17	24.06 0.19 -7.04	23.92 0.25 -6.70	22.07 0.19 -5.07	21.53 0.17 -4.54	21.50 0.24 -4.10
SYRACUSE___ENERGY_ST2 323598	21.36 0.16 -3.90	21.35 0.16 -3.88	20.62 0.13 -3.68	20.64 0.20 -3.62	21.10 0.22 -3.55	21.28 0.22 -3.73	24.84 0.37 -4.02	28.15 0.36 -5.13	30.05 0.40 -4.66	25.47 0.37 -4.64	22.20 0.26 -4.60	21.72 0.15 -4.79	21.66 0.13 -4.73	21.65 0.13 -4.71	21.45 0.15 -4.50	21.70 0.17 -4.73	21.59 0.16 -4.93	21.92 0.20 -5.22	22.72 0.13 -6.17	24.06 0.19 -7.04	23.92 0.25 -6.70	22.07 0.19 -5.07	21.53 0.17 -4.54	21.50 0.24 -4.10
SYRACUSE___POWER 24017	21.44 0.14 -3.99	21.42 0.14 -3.97	20.68 0.12 -3.76	20.71 0.19 -3.71	21.15 0.19 -3.64	21.35 0.21 -3.82	24.91 0.35 -4.12	28.25 0.34 -5.25	30.14 0.38 -4.76	25.54 0.33 -4.74	22.30 0.22 -4.74	21.85 0.13 -4.93	21.74 0.10 -4.83	21.72 0.10 -4.82	21.52 0.12 -4.60	21.77 0.13 -4.83	21.72 0.12 -5.10	22.04 0.13 -5.41	22.91 0.10 -6.39	24.27 0.15 -7.29	24.10 0.20 -6.94	22.20 0.13 -5.25	21.66 0.13 -4.71	21.61 0.21 -4.24
TRIGEN___CC 323695	53.11 1.54 -34.26	52.96 1.56 -34.09	50.56 1.45 -32.32	50.06 1.43 -31.81	50.05 1.52 -31.21	51.59 1.47 -32.79	57.76 1.98 -35.33	70.13 2.43 -45.05	72.55 2.87 -44.67	63.52 2.33 -40.72	70.80 1.99 -51.46	72.05 1.90 -53.37	60.24 1.93 -41.51	65.32 1.93 -46.58	68.86 1.95 -50.11	69.63 1.95 -50.88	70.78 1.86 -52.41	72.05 1.78 -53.77	75.14 1.79 -56.94	83.88 1.87 -65.18	97.07 1.88 -78.22	75.00 1.77 -56.41	70.17 1.82 -51.53	63.27 1.78 -44.33
UNION___PROCESSING_DRP 323587	22.52 0.22 -4.99	22.53 0.26 -4.97	21.66 0.15 -4.71	21.67 0.22 -4.63	22.13 0.26 -4.55	22.38 0.28 -4.78	26.29 0.70 -5.15	29.42 0.20 -6.56	30.91 -0.05 -5.96	26.46 0.06 -5.93	23.26 -0.03 -5.95	22.74 -0.24 -6.19	22.63 -0.22 -6.05	22.61 -0.22 -6.03	22.37 -0.18 -5.75	22.58 -0.27 -6.05	21.88 -0.20 -5.58	22.13 -0.28 -5.91	23.19 -0.21 -6.99	24.75 -0.05 -7.96	24.58 0.03 -7.58	22.44 -0.12 -5.73	21.91 -0.05 -5.14	22.07 0.27 -4.64
UPPER HUDSON___HYD 24058	63.59 0.59 -45.69	63.33 0.55 -45.47	60.48 0.57 -43.10	59.86 0.60 -42.43	59.55 0.61 -41.62	61.81 0.74 -43.74	68.53 0.96 -47.12	83.81 1.07 -60.09	80.74 1.20 -54.54	75.70 0.92 -54.31	72.47 0.68 -54.46	73.41 0.67 -55.96	72.78 0.64 -55.34	72.61 0.62 -55.19	70.08 0.60 -52.67	72.71 0.57 -55.34	76.45 0.66 -59.29	79.93 0.64 -62.79	91.39 0.72 -74.26	102.31 0.86 -84.62	98.36 0.81 -80.59	78.51 0.76 -60.93	72.24 0.77 -54.65	67.13 0.67 -49.30

UPPER RAQUET___HYD 24056	16.27 -1.04 0.00	16.27 -1.04 0.00	15.78 -1.03 0.00	15.74 -1.08 0.00	16.30 -1.02 0.00	16.34 -0.99 0.00	19.14 -1.31 0.00	21.37 -1.29 0.00	23.52 -1.48 0.00	19.18 -1.29 0.00	16.28 -1.06 0.00	15.83 -0.96 0.00	15.78 -1.03 0.00	15.81 -0.99 0.00	15.76 -1.04 0.00	15.73 -1.08 0.00	15.49 -1.01 0.00	15.53 -0.97 0.00	15.53 -0.89 0.00	15.78 -1.06 0.00	15.86 -1.10 0.00	15.79 -1.03 0.00	15.79 -1.03 0.00	16.01 -1.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.93 0.85 -14.77	32.86 0.85 -14.70	31.54 0.81 -13.93	31.34 0.81 -13.72	31.65 0.87 -13.45	32.31 0.85 -14.14	36.81 1.12 -15.23	43.46 1.38 -19.42	44.18 1.55 -17.63	39.31 1.29 -17.56	36.01 1.06 -17.61	36.11 1.01 -18.32	35.70 1.01 -17.89	35.65 1.01 -17.84	34.84 1.01 -17.03	35.70 1.01 -17.89	36.54 0.97 -19.07	37.57 0.87 -20.20	41.22 0.92 -23.88	45.03 0.98 -27.22	43.91 1.03 -25.92	37.29 0.87 -19.60	35.37 0.98 -17.58	34.01 0.99 -15.86
VISCHER___FERRY HYD 24020	62.47 0.95 -44.21	62.23 0.92 -44.00	59.42 0.91 -41.71	58.82 0.94 -41.06	58.55 0.95 -40.27	60.70 1.06 -42.32	67.35 1.31 -45.59	82.14 1.34 -58.14	79.17 1.40 -52.77	74.19 1.17 -52.55	70.95 0.92 -52.69	71.66 0.87 -54.01	71.20 0.86 -53.54	71.06 0.86 -53.40	68.62 0.86 -50.97	71.19 0.84 -53.54	74.72 0.86 -57.37	78.16 0.91 -60.75	89.20 0.94 -71.85	99.80 1.09 -81.87	95.92 0.98 -77.97	76.77 0.99 -58.95	70.62 0.92 -52.88	65.73 0.87 -47.70
V_CMM_10_SYNC_DSASP 323787	16.84 -0.47 0.00	16.84 -0.47 0.00	16.36 -0.44 0.00	16.35 -0.47 0.00	16.86 -0.47 0.00	16.86 -0.47 0.00	19.75 -0.70 0.00	21.98 -0.68 0.00	24.22 -0.78 0.00	19.79 -0.67 0.00	16.82 -0.52 0.00	16.35 -0.44 0.00	16.35 -0.45 0.00	16.35 -0.45 0.00	16.33 -0.47 0.00	16.31 -0.49 0.00	16.04 -0.46 0.00	16.05 -0.44 0.00	16.00 -0.41 0.00	16.33 -0.50 0.00	16.42 -0.54 0.00	16.35 -0.47 0.00	16.33 -0.49 0.00	16.59 -0.57 0.00
V_CMP_10_SYNC_DSASP 323788	17.00 -0.31 0.00	17.01 -0.29 0.00	16.42 -0.39 0.00	16.40 -0.42 0.00	16.99 -0.33 0.00	17.01 -0.31 0.00	19.84 -0.61 0.00	22.23 -0.43 0.00	24.40 -0.60 0.00	19.79 -0.67 0.00	16.73 -0.61 0.00	16.16 -0.62 0.00	16.01 -0.79 0.00	16.00 -0.81 0.00	15.95 -0.86 0.00	15.91 -0.89 0.00	15.58 -0.92 0.00	15.56 -0.94 0.00	15.53 -0.89 0.00	15.88 -0.96 0.00	15.99 -0.97 0.00	15.88 -0.94 0.00	16.00 -0.82 0.00	16.33 -0.82 0.00
V_F_30_NSYNC___DSASP 323816	63.83 1.02 -45.50	63.56 0.97 -45.28	60.70 0.97 -42.92	60.08 1.01 -42.25	59.79 1.02 -41.45	62.00 1.13 -43.55	68.78 1.41 -46.92	84.01 1.52 -59.83	80.95 1.65 -54.30	75.88 1.33 -54.08	72.59 1.02 -54.22	73.49 1.01 -55.70	72.88 0.97 -55.10	72.71 0.96 -54.96	70.21 0.96 -52.45	72.83 0.92 -55.10	76.53 0.99 -59.04	80.03 1.01 -62.52	91.42 1.07 -73.94	102.29 1.20 -84.26	98.34 1.14 -80.24	78.60 1.11 -60.67	72.33 1.09 -54.42	67.28 1.03 -49.09
V_F_30_SYNC_DSASP 323786	61.53 1.07 -43.15	61.29 1.04 -42.94	58.53 1.03 -40.71	57.93 1.04 -40.07	57.69 1.06 -39.31	59.74 1.11 -41.30	66.30 1.35 -44.50	80.81 1.41 -56.74	78.05 1.55 -51.50	73.05 1.29 -51.29	69.83 1.06 -51.43	70.65 1.01 -52.86	70.07 1.01 -52.26	69.93 1.01 -52.12	67.55 1.01 -49.74	70.05 0.99 -52.26	73.49 1.01 -55.99	76.81 1.02 -59.29	87.55 1.02 -70.12	97.87 1.13 -79.90	94.13 1.07 -76.10	75.43 1.08 -57.54	69.47 1.04 -51.60	64.71 0.99 -46.55
V_XM_10_SYNC_DSASP 323789	17.00 -0.31 0.00	17.01 -0.29 0.00	16.42 -0.39 0.00	16.40 -0.42 0.00	16.99 -0.33 0.00	17.01 -0.31 0.00	19.84 -0.61 0.00	22.23 -0.43 0.00	24.40 -0.60 0.00	19.79 -0.67 0.00	16.73 -0.61 0.00	16.16 -0.62 0.00	16.01 -0.79 0.00	16.00 -0.81 0.00	15.95 -0.86 0.00	15.91 -0.89 0.00	15.58 -0.92 0.00	15.56 -0.94 0.00	15.53 -0.89 0.00	15.88 -0.96 0.00	15.99 -0.97 0.00	15.88 -0.94 0.00	16.00 -0.82 0.00	16.33 -0.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.28 1.37 -33.60	52.08 1.33 -33.44	49.74 1.24 -31.70	49.25 1.23 -31.20	49.23 1.30 -30.61	50.79 1.30 -32.16	56.80 1.70 -34.65	68.68 1.83 -44.19	67.33 2.22 -40.11	62.25 1.84 -39.94	58.97 1.58 -40.05	60.25 1.51 -41.96	59.05 1.53 -40.72	58.92 1.53 -40.59	57.08 1.54 -38.74	59.06 1.54 -40.72	61.56 1.49 -43.58	64.12 1.47 -46.15	72.40 1.41 -54.58	80.53 1.50 -62.19	77.72 1.53 -59.23	63.05 1.45 -44.78	58.38 1.40 -40.16	54.71 1.32 -36.24
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.01 1.45 -34.25	52.78 1.39 -34.09	50.41 1.29 -32.31	49.89 1.26 -31.81	49.86 1.33 -31.20	51.50 1.39 -32.79	57.59 1.82 -35.32	69.71 2.02 -45.04	68.33 2.45 -40.88	63.22 2.05 -40.71	59.97 1.80 -40.82	61.28 1.71 -42.78	60.05 1.75 -41.50	59.90 1.73 -41.37	58.05 1.76 -39.48	60.07 1.76 -41.50	62.58 1.67 -44.42	65.16 1.62 -47.04	73.61 1.56 -55.63	81.83 1.60 -63.40	78.98 1.64 -60.37	64.03 1.56 -45.65	59.28 1.51 -40.94	55.52 1.42 -36.94
WADING RIVER_IC_1 23522	52.81 1.25 -34.26	52.98 1.57 -34.09	50.56 1.45 -32.32	50.05 1.41 -31.81	50.05 1.52 -31.21	51.26 1.14 -32.79	57.43 1.66 -35.33	69.79 2.08 -45.05	72.20 2.52 -44.67	63.11 1.92 -40.72	70.47 1.66 -51.46	71.70 1.54 -53.37	59.84 1.53 -41.51	64.95 1.56 -46.58	68.51 1.60 -50.11	69.28 1.60 -50.88	70.48 1.57 -52.41	71.80 1.53 -53.77	74.94 1.59 -56.94	83.71 1.70 -65.18	96.89 1.71 -78.22	74.81 1.58 -56.41	70.05 1.70 -51.53	63.14 1.65 -44.33
WADING RIVER_IC_2 23547	52.81 1.25 -34.26	52.98 1.57 -34.09	50.56 1.45 -32.32	50.05 1.41 -31.81	50.05 1.52 -31.21	51.26 1.14 -32.79	57.43 1.66 -35.33	69.79 2.08 -45.05	72.20 2.52 -44.67	63.11 1.92 -40.72	70.47 1.66 -51.46	71.70 1.54 -53.37	59.84 1.53 -41.51	64.95 1.56 -46.58	68.51 1.60 -50.11	69.28 1.60 -50.88	70.48 1.57 -52.41	71.80 1.53 -53.77	74.94 1.59 -56.94	83.71 1.70 -65.18	96.89 1.71 -78.22	74.81 1.58 -56.41	70.05 1.70 -51.53	63.14 1.65 -44.33
WADING RIVER_IC_3 23601	52.81 1.25 -34.26	52.98 1.57 -34.09	50.56 1.45 -32.32	50.05 1.41 -31.81	50.05 1.52 -31.21	51.26 1.14 -32.79	57.43 1.66 -35.33	69.79 2.08 -45.05	72.20 2.52 -44.67	63.11 1.92 -40.72	70.47 1.66 -51.46	71.70 1.54 -53.37	59.84 1.53 -41.51	64.95 1.56 -46.58	68.51 1.60 -50.11	69.28 1.60 -50.88	70.48 1.57 -52.41	71.80 1.53 -53.77	74.94 1.59 -56.94	83.71 1.70 -65.18	96.89 1.71 -78.22	74.81 1.58 -56.41	70.05 1.70 -51.53	63.14 1.65 -44.33
WALDEN___HYDRO 24148	52.56 1.33 -33.92	52.35 1.28 -33.76	50.01 1.21 -32.00	49.53 1.21 -31.50	49.49 1.26 -30.90	51.04 1.25 -32.47	57.04 1.62 -34.98	68.97 1.70 -44.61	67.51 2.02 -40.49	62.47 1.68 -40.32	59.17 1.40 -40.43	60.44 1.36 -42.30	59.28 1.38 -41.10	59.13 1.36 -40.97	57.28 1.38 -39.10	59.26 1.36 -41.10	61.84 1.35 -43.99	64.44 1.35 -46.59	72.84 1.33 -55.10	81.05 1.43 -62.78	78.19 1.44 -59.79	63.41 1.38 -45.21	58.69 1.33 -40.55	55.02 1.29 -36.58
WARRENSBURG___ 23737	63.59 0.59 -45.69	63.33 0.55 -45.47	60.48 0.57 -43.10	59.86 0.60 -42.43	59.55 0.61 -41.62	61.81 0.74 -43.74	68.53 0.96 -47.12	83.81 1.07 -60.09	80.74 1.20 -54.54	75.70 0.92 -54.31	72.47 0.68 -54.46	73.41 0.67 -55.96	72.78 0.64 -55.34	72.61 0.62 -55.19	70.08 0.60 -52.67	72.71 0.57 -55.34	76.45 0.66 -59.29	79.93 0.64 -62.79	91.39 0.72 -74.26	102.31 0.86 -84.62	98.36 0.81 -80.59	78.51 0.76 -60.93	72.24 0.77 -54.65	67.13 0.67 -49.30

WATERSIDE___6 8 9 23538	53.03 1.47 -34.25	52.78 1.39 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.43 1.32 -32.79	57.51 1.74 -35.32	69.63 1.92 -45.04	68.26 2.38 -40.88	63.17 1.98 -40.72	59.93 1.77 -40.82	61.24 1.68 -42.78	60.02 1.71 -41.50	59.87 1.70 -41.37	58.02 1.73 -39.49	60.02 1.71 -41.50	62.54 1.62 -44.42	65.11 1.57 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.97 1.50 -45.65	59.24 1.48 -40.94	55.48 1.39 -36.94
WDELAWARE___HYD 323627	51.16 1.40 -32.45	50.97 1.37 -32.29	48.70 1.29 -30.61	48.23 1.28 -30.13	48.22 1.33 -29.56	49.68 1.30 -31.06	55.61 1.70 -33.46	67.03 1.70 -42.67	65.73 2.00 -38.73	60.67 1.64 -38.57	57.38 1.37 -38.67	58.51 1.29 -40.43	57.43 1.31 -39.31	57.27 1.28 -39.19	55.52 1.31 -37.40	57.41 1.29 -39.31	59.86 1.29 -42.08	62.46 1.40 -44.56	70.41 1.30 -52.70	78.28 1.40 -60.05	75.57 1.42 -57.19	61.52 1.46 -43.24	56.90 1.30 -38.78	53.41 1.27 -34.99
WEST BABYLON___IC 23714	53.31 1.75 -34.26	53.23 1.83 -34.09	50.81 1.70 -32.32	50.30 1.67 -31.81	50.31 1.78 -31.21	51.80 1.68 -32.79	58.05 2.27 -35.33	70.56 2.85 -45.05	73.00 3.33 -44.67	63.85 2.66 -40.72	71.06 2.25 -51.46	72.29 2.13 -53.37	60.44 2.13 -41.51	65.52 2.13 -46.58	69.08 2.17 -50.11	69.85 2.17 -50.88	71.04 2.13 -52.41	72.30 2.03 -53.77	75.45 2.10 -56.94	84.22 2.20 -65.18	97.42 2.24 -78.22	75.29 2.05 -56.41	70.52 2.17 -51.53	63.63 2.14 -44.33
WEST CANADA___HYD 24049	17.32 0.02 0.00	17.32 0.02 0.00	16.80 0.00 0.00	16.82 0.00 0.00	17.34 0.02 0.00	17.34 0.02 0.00	20.49 0.04 0.00	22.68 0.02 0.00	25.02 0.03 0.00	20.49 0.02 0.00	17.36 0.02 0.00	16.78 0.00 0.00	16.80 0.00 0.00	16.80 0.00 0.00	16.80 0.00 0.00	16.80 0.00 0.00	16.50 0.00 0.00	16.50 0.00 0.00	16.41 0.00 0.00	16.85 0.02 0.00	16.98 0.02 0.00	16.84 0.02 0.00	16.84 0.02 0.00	17.17 0.02 0.00
WESTERN_NY_WIND 24143	23.55 0.52 -5.72	23.57 0.57 -5.69	22.63 0.44 -5.40	22.64 0.50 -5.31	23.11 0.57 -5.21	23.41 0.61 -5.48	27.56 1.21 -5.90	30.59 0.41 -7.52	31.88 0.05 -6.83	27.41 0.14 -6.80	24.19 0.03 -6.82	23.64 -0.24 -7.09	23.53 -0.20 -6.93	23.46 -0.25 -6.91	23.18 -0.22 -6.59	23.46 -0.27 -6.93	22.87 -0.21 -6.59	23.15 -0.33 -6.98	24.44 -0.23 -8.25	26.27 0.03 -9.40	26.08 0.17 -8.95	23.59 0.00 -6.77	22.93 0.03 -6.07	23.20 0.57 -5.48
WESTOVER___LESR 323668	29.61 0.61 -11.70	29.57 0.62 -11.64	28.41 0.57 -11.03	28.30 0.62 -10.86	28.65 0.67 -10.65	29.18 0.66 -11.20	33.47 0.96 -12.06	38.90 0.86 -15.38	39.86 0.90 -13.96	35.10 0.74 -13.90	31.84 0.55 -13.94	31.77 0.44 -14.55	31.41 0.44 -14.17	31.37 0.44 -14.13	30.75 0.47 -13.48	31.44 0.47 -14.17	31.98 0.49 -14.99	32.86 0.49 -15.87	35.63 0.44 -18.77	38.78 0.55 -21.39	37.94 0.61 -20.37	32.76 0.54 -15.40	31.15 0.52 -13.81	30.27 0.65 -12.46
WETHRSFD_WT_PWR 323626	25.15 0.52 -7.33	25.12 0.52 -7.29	24.12 0.40 -6.91	24.13 0.50 -6.80	24.59 0.59 -6.67	24.94 0.61 -7.01	29.15 1.14 -7.55	32.77 0.48 -9.63	33.94 0.20 -8.74	29.36 0.18 -8.71	26.09 0.00 -8.74	25.63 -0.25 -9.10	25.43 -0.25 -8.88	25.36 -0.29 -8.85	25.01 -0.24 -8.44	25.36 -0.32 -8.88	25.15 -0.23 -8.88	25.56 -0.35 -9.40	27.26 -0.28 -11.12	29.46 -0.05 -12.67	29.13 0.10 -12.07	25.90 -0.05 -9.13	25.00 0.00 -8.19	25.04 0.50 -7.38
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.25 1.31 -33.62	52.03 1.26 -33.46	49.71 1.19 -31.72	49.22 1.18 -31.22	49.18 1.23 -30.63	50.76 1.25 -32.18	56.74 1.62 -34.67	68.64 1.77 -44.22	67.25 2.12 -40.13	62.19 1.76 -39.97	58.94 1.53 -40.07	60.23 1.46 -41.98	59.02 1.48 -40.74	58.88 1.46 -40.61	57.06 1.49 -38.76	59.02 1.48 -40.74	61.54 1.43 -43.60	64.08 1.40 -46.18	72.37 1.35 -54.61	80.50 1.43 -62.23	77.67 1.44 -59.27	63.03 1.40 -44.81	58.34 1.33 -40.19	54.68 1.27 -36.26
YORK___WARBASSE 23770	53.07 1.51 -34.25	52.80 1.40 -34.09	50.39 1.28 -32.31	49.87 1.24 -31.81	49.84 1.32 -31.20	51.41 1.30 -32.79	57.49 1.72 -35.32	69.58 1.88 -45.04	68.21 2.33 -40.88	63.10 1.92 -40.72	59.90 1.73 -40.82	61.23 1.66 -42.78	60.00 1.70 -41.50	59.85 1.68 -41.37	57.98 1.70 -39.49	60.00 1.70 -41.50	62.52 1.60 -44.42	65.08 1.53 -47.05	73.56 1.51 -55.64	81.78 1.55 -63.40	78.93 1.59 -60.38	63.95 1.48 -45.65	59.26 1.50 -40.94	55.50 1.41 -36.94