

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/23/2018

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	19.06	17.39	14.42	14.68	14.29	18.64	22.19	25.08	25.98	28.84	30.46	32.35	34.54	37.21	38.79	40.40	44.67	42.34	36.81	35.39	37.34	31.05	22.77	19.21
24138	0.98	0.71	0.71	0.69	0.71	0.73	0.95	1.07	1.17	0.91	0.83	0.83	0.86	0.98	0.86	0.97	0.93	0.75	0.84	0.80	0.78	0.75	0.87	0.92
	-10.06	-10.50	-7.53	-7.80	-7.43	-11.52	-13.20	-15.20	-15.39	-20.81	-23.00	-25.03	-27.21	-28.74	-31.49	-32.28	-36.57	-35.81	-29.33	-28.38	-30.41	-24.42	-15.07	-11.03
74TH STREET_GT_1	19.08	17.41	14.42	14.70	14.30	18.66	22.57	26.56	32.05	36.01	36.59	36.96	37.62	38.40	39.25	40.42	44.70	42.94	37.60	36.00	38.09	31.73	29.46	24.93
24260	0.99	0.72	0.72	0.71	0.72	0.74	0.96	1.07	1.17	0.92	0.84	0.83	0.86	0.98	0.86	0.97	0.93	0.76	0.85	0.80	0.78	0.75	0.88	0.92
	-10.06	-10.50	-7.53	-7.80	-7.44	-11.53	-13.58	-16.67	-21.46	-27.98	-29.13	-29.64	-30.29	-29.94	-31.95	-32.30	-36.58	-36.41	-30.11	-28.99	-31.16	-25.10	-21.76	-16.74
74TH STREET_GT_2	19.08	17.41	14.42	14.70	14.30	18.66	22.57	26.56	32.05	36.01	36.59	36.96	37.62	38.40	39.25	40.42	44.70	42.94	37.60	36.00	38.09	31.73	29.46	24.93
24261	0.99	0.72	0.72	0.71	0.72	0.74	0.96	1.07	1.17	0.92	0.84	0.83	0.86	0.98	0.86	0.97	0.93	0.76	0.85	0.80	0.78	0.75	0.88	0.92
	-10.06	-10.50	-7.53	-7.80	-7.44	-11.53	-13.58	-16.67	-21.46	-27.98	-29.13	-29.64	-30.29	-29.94	-31.95	-32.30	-36.58	-36.41	-30.11	-28.99	-31.16	-25.10	-21.76	-16.74
ADK HUDSON__FALLS	20.04	18.63	15.03	15.41	14.76	18.72	22.19	25.28	26.47	28.92	30.83	32.57	32.85	37.30	38.25	40.41	44.85	42.39	36.81	35.38	37.37	30.89	23.13	19.48
24011	0.74	0.56	0.56	0.55	0.57	0.59	0.72	0.72	0.67	0.52	0.48	0.45	0.45	0.53	0.48	0.54	0.55	0.46	0.52	0.47	0.50	0.46	0.60	0.64
	-11.28	-11.89	-8.29	-8.67	-8.05	-11.74	-13.43	-15.75	-16.37	-21.28	-23.72	-25.63	-25.94	-29.28	-31.34	-32.71	-37.11	-36.16	-29.65	-28.70	-30.72	-24.55	-15.70	-11.57
ADK RESOURCE__RCVRY	20.05	18.61	15.04	15.42	14.78	18.75	22.24	25.30	26.46	28.92	30.83	32.57	32.86	37.30	38.25	40.40	44.84	42.39	36.81	35.38	37.36	30.89	23.17	19.53
23798	0.79	0.60	0.61	0.59	0.61	0.63	0.77	0.76	0.68	0.53	0.49	0.45	0.46	0.54	0.48	0.54	0.56	0.46	0.52	0.48	0.50	0.46	0.64	0.69
	-11.23	-11.84	-8.26	-8.64	-8.02	-11.73	-13.43	-15.73	-16.36	-21.28	-23.72	-25.63	-25.93	-29.27	-31.33	-32.70	-37.10	-36.15	-29.64	-28.70	-30.71	-24.55	-15.70	-11.57
ADK S GLENS__FALLS	20.04	18.63	15.03	15.41	14.76	18.72	22.19	25.28	26.47	28.92	30.83	32.57	32.85	37.30	38.25	40.41	44.85	42.39	36.81	35.38	37.37	30.89	23.13	19.48
24028	0.74	0.56	0.56	0.55	0.57	0.59	0.72	0.72	0.67	0.52	0.48	0.45	0.45	0.53	0.48	0.54	0.55	0.46	0.52	0.47	0.50	0.46	0.60	0.64
	-11.28	-11.89	-8.29	-8.67	-8.05	-11.74	-13.43	-15.75	-16.37	-21.28	-23.72	-25.63	-25.94	-29.28	-31.34	-32.71	-37.11	-36.16	-29.65	-28.70	-30.72	-24.55	-15.70	-11.57
ADK_NYS__DAM	19.81	18.42	14.88	15.25	14.62	18.61	22.00	25.02	26.15	28.68	30.61	32.37	32.65	37.05	38.04	40.17	44.60	42.20	36.59	35.18	37.15	30.70	22.97	19.33
23527	0.63	0.48	0.48	0.47	0.49	0.49	0.54	0.48	0.37	0.28	0.27	0.25	0.25	0.29	0.27	0.31	0.32	0.27	0.30	0.27	0.28	0.26	0.44	0.49
	-11.16	-11.76	-8.22	-8.59	-8.00	-11.73	-13.43	-15.73	-16.36	-21.28	-23.72	-25.63	-25.94	-29.27	-31.34	-32.70	-37.10	-36.15	-29.64	-28.70	-30.71	-24.55	-15.71	-11.57
AIR_PRODUCTS__DRP	19.55	18.22	14.73	15.11	14.49	18.50	21.71	24.67	25.86	28.50	30.44	32.21	32.50	36.84	37.87	39.96	44.37	42.07	36.43	35.03	37.01	30.59	22.75	19.10
24190	0.47	0.40	0.40	0.40	0.40	0.41	0.26	0.18	0.14	0.12	0.11	0.10	0.11	0.13	0.13	0.15	0.15	0.16	0.17	0.15	0.16	0.15	0.21	0.26
	-11.06	-11.64	-8.16	-8.52	-7.95	-11.70	-13.41	-15.68	-16.30	-21.26	-23.71	-25.62	-25.92	-29.22	-31.31	-32.65	-37.04	-36.13	-29.62	-28.68	-30.70	-24.56	-15.71	-11.57
ALBANY__1	19.55	18.22	14.73	15.11	14.49	18.50	21.71	24.67	25.86	28.50	30.44	32.21	32.50	36.84	37.87	39.96	44.37	42.07	36.43	35.03	37.01	30.59	22.75	19.10
23571	0.47	0.40	0.40	0.40	0.40	0.41	0.26	0.18	0.14	0.12	0.11	0.10	0.11	0.13	0.13	0.15	0.15	0.16	0.17	0.15	0.16	0.15	0.21	0.26
	-11.06	-11.64	-8.16	-8.52	-7.95	-11.70	-13.41	-15.68	-16.30	-21.26	-23.71	-25.62	-25.92	-29.22	-31.31	-32.65	-37.04	-36.13	-29.62	-28.68	-30.70	-24.56	-15.71	-11.57
ALBANY__2	19.55	18.22	14.73	15.11	14.49	18.50	21.71	24.67	25.86	28.50	30.44	32.21	32.50	36.84	37.87	39.96	44.37	42.07	36.43	35.03	37.01	30.59	22.75	19.10
23572	0.47	0.40	0.40	0.40	0.40	0.41	0.26	0.18	0.14	0.12	0.11	0.10	0.11	0.13	0.13	0.15	0.15	0.16	0.17	0.15	0.16	0.15	0.21	0.26
	-11.06	-11.64	-8.16	-8.52	-7.95	-11.70	-13.41	-15.68	-16.30	-21.26	-23.71	-25.62	-25.92	-29.22	-31.31	-32.65	-37.04	-36.13	-29.62	-28.68	-30.70	-24.56	-15.71	-11.57
ALBANY__3	19.55	18.22	14.73	15.11	14.49	18.50	21.71	24.67	25.86	28.50	30.44	32.21	32.50	36.84	37.87	39.96	44.37	42.07	36.43	35.03	37.01	30.59	22.75	19.10
23573	0.47	0.40	0.40	0.40	0.40	0.41	0.26	0.18	0.14	0.12	0.11	0.10	0.11	0.13	0.13	0.15	0.15	0.16	0.17	0.15	0.16	0.15	0.21	0.26
	-11.06	-11.64	-8.16	-8.52	-7.95	-11.70	-13.41	-15.68	-16.30	-21.26	-23.71	-25.62	-25.92	-29.22	-31.31	-32.65	-37.04	-36.13	-29.62	-28.68	-30.70	-24.56	-15.71	-11.57
ALBANY__4	19.55	18.22	14.73	15.11	14.49	18.50	21.71	24.67	25.86	28.50	30.44	32.21	32.50	36.84	37.87	39.96	44.37	42.07	36.43	35.03	37.01	30.59	22.75	19.10
23574	0.47	0.40	0.40	0.40	0.40	0.41	0.26	0.18	0.14	0.12	0.11	0.10	0.11	0.13	0.13	0.15	0.15	0.16	0.17	0.15	0.16	0.15	0.21	0.26
	-11.06	-11.64	-8.16	-8.52	-7.95	-11.70	-13.41	-15.68	-16.30	-21.26	-23.71	-25.62	-25.92	-29.22	-31.31	-32.65	-37.04	-36.13	-29.62	-28.68	-30.70	-24.56	-15.71	-11.57

ALBANY___LFGE 323615	19.71 0.53 -11.16	18.37 0.44 -11.76	14.83 0.44 -8.22	15.21 0.43 -8.59	14.58 0.44 -7.99	18.56 0.45 -11.72	21.82 0.37 -13.42	24.83 0.31 -15.71	26.03 0.27 -16.33	28.61 0.22 -21.27	30.54 0.21 -23.71	32.31 0.19 -25.62	32.59 0.19 -25.93	36.97 0.23 -29.25	37.98 0.22 -31.32	40.08 0.25 -32.68	44.51 0.26 -37.07	42.16 0.24 -36.14	36.53 0.25 -29.63	35.13 0.23 -28.69	37.09 0.24 -30.71	30.66 0.22 -24.56	22.84 0.31 -15.71	19.19 0.35 -11.57
ALCOA_RYNLDS___DRP 24188	8.62 -0.34 -0.93	6.34 -0.27 -0.44	6.34 -0.27 -0.44	6.34 -0.27 -0.42	6.31 -0.26 -0.42	4.40 -0.27 1.72	7.05 -0.35 0.65	3.63 -0.40 4.79	3.65 -0.42 5.35	8.16 -0.31 -1.35	9.08 -0.28 -2.74	9.10 -0.28 -2.88	9.10 -0.28 -2.91	5.73 -0.33 1.43	8.23 -0.28 -2.07	5.99 -0.31 0.86	5.15 -0.30 1.74	9.16 -0.24 -3.62	9.12 -0.29 -2.76	8.13 -0.27 -2.19	9.12 -0.26 -3.24	10.93 -0.25 -5.30	9.94 -0.28 -3.39	9.45 -0.31 -2.50
ALCOA___DSASP 323711	8.62 -0.34 -0.93	6.34 -0.27 -0.44	6.34 -0.27 -0.44	6.34 -0.27 -0.42	6.31 -0.26 -0.42	4.40 -0.27 1.72	7.05 -0.35 0.65	3.63 -0.40 4.79	3.65 -0.42 5.35	8.16 -0.31 -1.35	9.08 -0.28 -2.74	9.10 -0.28 -2.88	9.10 -0.28 -2.91	5.73 -0.33 1.43	8.23 -0.28 -2.07	5.99 -0.31 0.86	5.15 -0.30 1.74	9.16 -0.24 -3.62	9.12 -0.29 -2.76	8.13 -0.27 -2.19	9.12 -0.26 -3.24	10.93 -0.25 -5.30	9.94 -0.28 -3.39	9.45 -0.31 -2.50
ALLEGHENY___COGEN 23514	13.01 0.16 -4.82	11.05 0.13 -4.74	10.43 0.13 -4.13	10.44 0.12 -4.13	10.88 0.15 -4.59	16.25 0.19 -9.67	19.59 0.44 -11.11	22.30 0.62 -12.88	23.51 0.71 -13.37	25.26 0.45 -17.70	26.83 0.44 -19.77	28.27 0.43 -21.35	28.55 0.47 -21.61	32.35 0.55 -24.32	32.90 0.42 -26.05	34.68 0.45 -27.07	38.29 0.42 -30.69	36.22 0.32 -30.11	31.75 0.43 -24.68	30.52 0.44 -23.87	32.15 0.42 -25.57	26.78 0.36 -20.54	20.34 0.36 -13.15	17.28 0.33 -9.69
ALTONA_WT_PWR 323606	8.64 -0.21 -0.82	6.33 -0.16 -0.32	6.33 -0.17 -0.32	6.31 -0.18 -0.30	6.23 -0.19 -0.28	4.01 -0.21 2.17	6.65 -0.27 1.11	3.01 -0.32 5.48	3.00 -0.34 6.08	7.57 -0.24 -0.69	8.44 -0.23 -2.05	8.40 -0.23 -2.14	8.39 -0.24 -2.16	4.74 -0.29 2.45	7.29 -0.25 -1.11	4.90 -0.29 1.97	3.87 -0.28 3.03	8.12 -0.21 -2.55	8.28 -0.25 -1.88	7.31 -0.22 -1.32	8.27 -0.22 -2.34	10.35 -0.21 -4.68	9.59 -0.23 -2.99	9.23 -0.24 -2.20
AMERICAN_REF_FUEL 24010	12.12 -0.44 -4.54	10.32 -0.30 -4.44	9.86 -0.26 -3.94	9.85 -0.27 -3.93	10.31 -0.25 -4.42	15.59 -0.31 -9.51	18.70 -0.27 -10.94	21.32 -0.16 -12.67	22.36 -0.23 -13.16	24.26 -0.28 -17.42	25.81 -0.27 -19.46	27.26 -0.25 -21.01	27.61 -0.23 -21.37	32.10 -0.28 -24.90	31.78 -0.30 -25.64	33.45 -0.36 -26.65	36.98 -0.41 -30.21	35.06 -0.36 -29.64	30.63 -0.31 -24.29	29.45 -0.25 -23.49	31.04 -0.28 -25.17	25.83 -0.27 -20.22	19.52 -0.25 -12.94	16.59 -0.21 -9.53
ARTHUR_KILL_GT_1 23520	19.12 1.03 -10.07	17.43 0.73 -10.51	14.41 0.70 -7.54	14.74 0.75 -7.80	14.35 0.77 -7.44	18.69 0.77 -11.53	22.62 1.01 -13.58	26.63 1.14 -16.69	32.19 1.23 -21.53	36.00 0.91 -27.98	36.71 0.87 -29.22	37.06 0.86 -29.71	37.62 0.86 -30.29	38.45 1.00 -29.96	39.25 0.86 -31.95	40.43 0.97 -32.30	44.68 0.92 -36.58	44.08 0.76 -37.55	41.39 0.86 -33.88	36.04 0.82 -29.01	38.12 0.79 -31.18	31.75 0.77 -25.10	29.58 0.89 -21.86	25.04 0.94 -16.83
ARTHUR_KILL_2 23512	19.12 1.03 -10.07	17.43 0.73 -10.51	14.41 0.70 -7.54	14.74 0.75 -7.80	14.35 0.77 -7.44	18.69 0.77 -11.53	22.62 1.01 -13.58	26.63 1.14 -16.69	32.19 1.23 -21.53	36.00 0.91 -27.98	36.71 0.87 -29.22	37.06 0.86 -29.71	37.62 0.86 -30.29	38.45 1.00 -29.96	39.25 0.86 -31.95	40.43 0.97 -32.30	44.68 0.92 -36.58	44.08 0.76 -37.55	41.39 0.86 -33.88	36.04 0.82 -29.01	38.12 0.79 -31.18	31.75 0.77 -25.10	29.58 0.89 -21.86	25.04 0.94 -16.83
ARTHUR_KILL_3 23513	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.56 0.94 -13.58	26.56 1.06 -16.69	32.11 1.14 -21.54	35.98 0.90 -27.96	36.66 0.82 -29.22	37.01 0.82 -29.70	37.11 0.85 -29.80	38.40 0.97 -29.95	39.09 0.85 -31.81	40.40 0.95 -32.29	44.68 0.91 -36.58	42.93 0.74 -36.41	37.59 0.83 -30.12	36.00 0.79 -29.00	38.10 0.77 -31.17	31.73 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
ARTHUR_KILL_COGEN 323718	19.12 1.03 -10.07	17.43 0.73 -10.51	14.41 0.70 -7.54	14.74 0.75 -7.80	14.35 0.77 -7.44	18.69 0.77 -11.53	22.62 1.01 -13.58	26.63 1.14 -16.69	32.19 1.23 -21.53	36.00 0.91 -27.98	36.71 0.87 -29.22	37.06 0.86 -29.71	37.62 0.86 -30.29	38.45 1.00 -29.96	39.25 0.86 -31.95	40.43 0.97 -32.30	44.68 0.92 -36.58	44.08 0.76 -37.55	41.39 0.86 -33.88	36.04 0.82 -29.01	38.12 0.79 -31.18	31.75 0.77 -25.10	29.58 0.89 -21.86	25.04 0.94 -16.83
ASHOKAN____ 23654	19.01 0.73 -10.25	17.44 0.54 -10.72	14.38 0.56 -7.65	14.68 0.53 -7.96	14.25 0.56 -7.55	18.43 0.52 -11.52	21.90 0.62 -13.25	24.78 0.62 -15.35	26.17 0.80 -15.94	28.81 0.60 -21.10	30.70 0.51 -23.57	32.47 0.52 -25.46	32.78 0.54 -25.77	37.03 0.67 -28.88	38.13 0.63 -31.07	40.19 0.74 -32.29	44.54 0.75 -36.60	42.30 0.63 -35.90	36.77 0.70 -29.42	35.27 0.60 -28.46	37.23 0.58 -30.50	30.91 0.53 -24.50	23.08 0.58 -15.67	19.45 0.63 -11.55
ASTORIA_EAST_ENERGY_CC1 323581	19.11 1.02 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.72 -7.44	18.66 0.74 -11.52	22.57 0.96 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.83 -25.47	33.34 0.83 -26.02	37.11 0.85 -29.79	38.41 0.98 -29.95	39.08 0.85 -31.80	40.38 0.94 -32.29	44.64 0.88 -36.57	42.91 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_EAST_ENERGY_CC2 323582	19.11 1.02 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.72 -7.44	18.66 0.74 -11.52	22.57 0.96 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.83 -25.47	33.34 0.83 -26.02	37.11 0.85 -29.79	38.41 0.98 -29.95	39.08 0.85 -31.80	40.38 0.94 -32.29	44.64 0.88 -36.57	42.91 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT2_1 24094	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT2_2 24095	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82

ASTORIA_GT2_3 24096	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT2_4 24097	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT3_1 24098	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT3_2 24099	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT3_3 24100	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT3_4 24101	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT4_1 24102	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT4_2 24103	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT4_3 24104	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT4_4 24105	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT_1 23523	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT_10 24110	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.23 0.84 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
ASTORIA_GT_11 24225	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.23 0.84 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
ASTORIA_GT_12 24226	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.23 0.84 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
ASTORIA_GT_13 24227	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.23 0.84 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74

ASTORIA_GT_5 24106	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT_7 24107	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA_GT_8 24108	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA___2 24149	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA___3 23516	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.23 0.84 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
ASTORIA___4 23517	19.12 1.03 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.66 0.74 -11.52	22.58 0.97 -13.57	26.59 1.09 -16.69	32.15 1.19 -21.53	35.99 0.92 -27.96	32.93 0.84 -25.47	33.34 0.83 -26.02	37.11 0.86 -29.79	38.41 0.98 -29.95	39.09 0.86 -31.80	40.39 0.94 -32.29	44.64 0.88 -36.57	42.92 0.73 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	29.55 0.88 -21.84	25.01 0.92 -16.82
ASTORIA___5 23518	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.23 0.84 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
AST_ENERGY_2_CC3 323677	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.71 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.57 0.96 -13.58	26.55 1.05 -16.69	32.10 1.13 -21.54	35.97 0.89 -27.96	36.65 0.81 -29.22	37.00 0.80 -29.70	37.10 0.83 -29.79	38.39 0.95 -29.95	39.08 0.84 -31.81	40.39 0.94 -32.29	44.67 0.90 -36.58	42.93 0.73 -36.41	37.58 0.82 -30.12	35.98 0.78 -29.00	38.08 0.76 -31.17	31.72 0.74 -25.10	29.54 0.86 -21.85	25.00 0.91 -16.82
AST_ENERGY_2_CC4 323678	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.71 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.57 0.96 -13.58	26.55 1.05 -16.69	32.10 1.13 -21.54	35.97 0.89 -27.96	36.65 0.81 -29.22	37.00 0.80 -29.70	37.10 0.83 -29.79	38.39 0.95 -29.95	39.08 0.84 -31.81	40.39 0.94 -32.29	44.67 0.90 -36.58	42.93 0.73 -36.41	37.58 0.82 -30.12	35.98 0.78 -29.00	38.08 0.76 -31.17	31.72 0.74 -25.10	29.54 0.86 -21.85	25.00 0.91 -16.82
ATHENS_STG_1 23668	18.94 0.55 -10.36	17.45 0.42 -10.85	14.31 0.42 -7.72	14.64 0.41 -8.03	14.16 0.42 -7.60	18.36 0.43 -11.54	21.81 0.51 -13.27	24.72 0.54 -15.37	25.96 0.58 -15.96	28.69 0.45 -21.13	30.63 0.41 -23.60	32.40 0.41 -25.50	32.68 0.41 -25.80	36.87 0.47 -28.92	37.97 0.42 -31.11	39.97 0.47 -32.34	44.30 0.47 -36.65	42.10 0.38 -35.95	36.53 0.42 -29.46	35.11 0.40 -28.50	37.08 0.39 -30.55	30.80 0.38 -24.54	22.97 0.45 -15.69	19.32 0.49 -11.56
ATHENS_STG_2 23670	18.94 0.55 -10.36	17.45 0.42 -10.85	14.31 0.42 -7.72	14.64 0.41 -8.03	14.16 0.42 -7.60	18.36 0.43 -11.54	21.81 0.51 -13.27	24.72 0.54 -15.37	25.96 0.58 -15.96	28.69 0.45 -21.13	30.63 0.41 -23.60	32.40 0.41 -25.50	32.68 0.41 -25.80	36.87 0.47 -28.92	37.97 0.42 -31.11	39.97 0.47 -32.34	44.30 0.47 -36.65	42.10 0.38 -35.95	36.53 0.42 -29.46	35.11 0.40 -28.50	37.08 0.39 -30.55	30.80 0.38 -24.54	22.97 0.45 -15.69	19.32 0.49 -11.56
ATHENS_STG_3 23677	18.94 0.55 -10.36	17.45 0.42 -10.85	14.31 0.42 -7.72	14.64 0.41 -8.03	14.16 0.42 -7.60	18.36 0.43 -11.54	21.81 0.51 -13.27	24.72 0.54 -15.37	25.96 0.58 -15.96	28.69 0.45 -21.13	30.63 0.41 -23.60	32.40 0.41 -25.50	32.68 0.41 -25.80	36.87 0.47 -28.92	37.97 0.42 -31.11	39.97 0.47 -32.34	44.30 0.47 -36.65	42.10 0.38 -35.95	36.53 0.42 -29.46	35.11 0.40 -28.50	37.08 0.39 -30.55	30.80 0.38 -24.54	22.97 0.45 -15.69	19.32 0.49 -11.56
AUBURN___LFGE 323710	12.56 0.08 -4.46	10.60 0.07 -4.35	10.11 0.06 -3.87	10.11 0.06 -3.86	10.56 0.07 -4.35	15.86 0.09 -9.38	19.03 0.20 -10.79	21.60 0.29 -12.50	22.72 0.31 -12.98	24.51 0.21 -17.18	26.02 0.20 -19.20	27.42 0.20 -20.73	27.66 0.21 -20.98	31.25 0.25 -23.51	31.93 0.20 -25.29	33.66 0.21 -26.29	37.19 0.21 -29.80	35.18 0.17 -29.24	30.82 0.21 -23.97	29.58 0.20 -23.18	31.19 0.20 -24.83	26.00 0.17 -19.95	19.75 0.16 -12.77	16.82 0.15 -9.41
BABYLON_RES_REC 323704	21.07 1.17 -11.87	17.51 0.83 -10.51	14.54 0.83 -7.53	14.78 0.80 -7.80	14.43 0.85 -7.43	18.83 0.90 -11.53	27.54 1.16 -18.34	30.52 1.28 -20.43	34.58 1.39 -23.77	37.33 1.00 -29.22	36.82 0.88 -29.32	37.65 0.87 -30.29	35.93 0.90 -28.57	37.49 1.02 -28.98	40.48 0.91 -33.13	42.67 1.03 -34.48	51.40 1.01 -43.21	50.38 0.81 -43.79	42.78 0.90 -35.24	43.26 0.84 -36.20	47.41 0.83 -40.43	40.04 0.81 -33.35	32.13 1.04 -24.26	27.30 1.09 -18.94
BARRETT_IC_1 23704	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95

BARRETT_IC_10 23701	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	37.91 0.86 -30.43	42.87 0.85 -35.53	44.00 0.88 -36.65	38.29 1.00 -29.80	49.36 0.89 -42.03	50.75 0.99 -42.60	56.82 0.96 -48.68	56.18 0.78 -49.62	51.29 0.86 -43.79	55.79 0.82 -48.76	54.99 0.81 -48.03	48.84 0.78 -42.17	34.35 0.91 -26.61	31.19 0.97 -22.95
BARRETT_IC_11 23702	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	37.91 0.86 -30.43	42.87 0.85 -35.53	44.00 0.88 -36.65	38.29 1.00 -29.80	49.36 0.89 -42.03	50.75 0.99 -42.60	56.82 0.96 -48.68	56.18 0.78 -49.62	51.29 0.86 -43.79	55.79 0.82 -48.76	54.99 0.81 -48.03	48.84 0.78 -42.17	34.35 0.91 -26.61	31.19 0.97 -22.95
BARRETT_IC_12 23703	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	37.91 0.86 -30.43	42.87 0.85 -35.53	44.00 0.88 -36.65	38.29 1.00 -29.80	49.36 0.89 -42.03	50.75 0.99 -42.60	56.82 0.96 -48.68	56.18 0.78 -49.62	51.29 0.86 -43.79	55.79 0.82 -48.76	54.99 0.81 -48.03	48.84 0.78 -42.17	34.35 0.91 -26.61	31.19 0.97 -22.95
BARRETT_IC_2 23705	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95
BARRETT_IC_3 23706	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95
BARRETT_IC_4 23707	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95
BARRETT_IC_5 23708	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95
BARRETT_IC_6 23709	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95
BARRETT_IC_7 23710	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95
BARRETT_IC_8 23711	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95
BARRETT_IC_9 23700	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	37.91 0.86 -30.43	42.87 0.85 -35.53	44.00 0.88 -36.65	38.29 1.00 -29.80	49.36 0.89 -42.03	50.75 0.99 -42.60	56.82 0.96 -48.68	56.18 0.78 -49.62	51.29 0.86 -43.79	55.79 0.82 -48.76	54.99 0.81 -48.03	48.84 0.78 -42.17	34.35 0.91 -26.61	31.19 0.97 -22.95
BARRETT__1 23545	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	39.90 0.86 -32.42	52.25 0.85 -44.91	58.49 0.88 -51.15	39.76 1.00 -31.27	65.31 0.89 -57.98	65.31 0.99 -57.16	66.63 0.96 -58.48	66.63 0.78 -60.07	66.63 0.86 -59.13	78.30 0.82 -71.27	68.61 0.81 -61.65	64.65 0.78 -57.99	37.29 0.91 -29.55	31.19 0.97 -22.95
BARRETT__2 23546	20.99 1.08 -11.88	17.47 0.78 -10.51	14.50 0.78 -7.54	14.75 0.76 -7.81	14.39 0.80 -7.44	18.77 0.84 -11.54	27.44 1.05 -18.35	35.88 1.14 -25.93	35.88 1.22 -25.24	38.01 0.95 -29.95	37.91 0.86 -30.43	42.87 0.85 -35.53	44.00 0.88 -36.65	38.29 1.00 -29.80	49.36 0.89 -42.03	50.75 0.99 -42.60	56.82 0.96 -48.68	56.18 0.78 -49.62	51.29 0.86 -43.79	55.79 0.82 -48.76	54.99 0.81 -48.03	48.84 0.78 -42.17	34.35 0.91 -26.61	31.19 0.97 -22.95
BAYONEEC__CTG1 323682	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BAYONEEC__CTG10 323750	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82

BAYONEEC___CTG2 323683	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BAYONEEC___CTG3 323684	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BAYONEEC___CTG4 323685	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BAYONEEC___CTG5 323686	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BAYONEEC___CTG6 323687	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BAYONEEC___CTG7 323688	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BAYONEEC___CTG8 323689	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BAYONEEC___CTG9 323749	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
BEACON___LESR 323632	19.60 0.53 -11.04	18.24 0.44 -11.62	14.76 0.44 -8.14	15.13 0.43 -8.51	14.52 0.44 -7.94	18.55 0.45 -11.70	21.82 0.38 -13.41	24.80 0.31 -15.68	26.00 0.28 -16.30	28.60 0.22 -21.26	30.53 0.21 -23.71	32.30 0.19 -25.62	32.58 0.19 -25.92	36.93 0.22 -29.22	37.95 0.21 -31.31	40.05 0.24 -32.65	44.46 0.24 -37.03	42.13 0.23 -36.13	36.51 0.25 -29.62	35.11 0.22 -28.67	37.07 0.23 -30.69	30.65 0.21 -24.56	22.83 0.29 -15.71	19.20 0.36 -11.57
BEAVER RIVER___HYD 24048	11.14 -0.11 -3.23	9.01 -0.11 -2.94	8.90 -0.12 -2.84	8.85 -0.12 -2.78	9.31 -0.12 -3.29	13.13 -0.11 -6.85	16.23 -0.06 -8.25	17.17 -0.05 -8.41	18.02 -0.04 -8.63	20.90 -0.04 -13.82	22.39 -0.03 -15.79	23.50 -0.03 -17.04	23.69 -0.02 -17.24	25.45 -0.01 -17.98	26.79 -0.02 -20.38	27.45 -0.03 -20.32	29.98 -0.01 -22.82	29.68 0.01 -23.90	26.19 0.01 -19.53	24.95 -0.01 -18.75	26.48 -0.02 -20.35	22.99 -0.01 -17.12	17.74 -0.03 -10.95	15.27 -0.07 -8.07
BEEBEE_GT_13 23619	12.15 -0.22 -4.35	10.26 -0.15 -4.24	9.85 -0.14 -3.81	9.83 -0.15 -3.79	10.32 -0.14 -4.31	15.65 -0.14 -9.40	18.82 -0.03 -10.81	21.41 0.07 -12.52	22.51 0.08 -13.01	24.31 -0.02 -17.22	25.85 -0.01 -19.23	27.26 0.00 -20.77	27.51 0.03 -21.01	31.07 0.03 -23.55	31.77 -0.01 -25.34	33.48 -0.01 -26.34	36.99 -0.04 -29.85	35.02 -0.05 -29.29	30.65 -0.01 -24.01	29.44 0.01 -23.22	31.01 -0.01 -24.88	25.84 -0.03 -19.98	19.57 -0.04 -12.79	16.63 -0.06 -9.42
BETHLEHEM___GRP 23843	19.55 0.47 -11.06	18.22 0.40 -11.64	14.73 0.40 -8.16	15.11 0.40 -8.52	14.49 0.40 -7.95	18.50 0.41 -11.70	21.71 0.26 -13.41	24.67 0.18 -15.68	25.86 0.14 -16.30	28.50 0.12 -21.26	30.44 0.11 -23.71	32.21 0.10 -25.62	32.50 0.11 -25.92	36.84 0.13 -29.22	37.87 0.13 -31.31	39.96 0.15 -32.65	44.37 0.15 -37.04	42.07 0.16 -36.13	36.43 0.17 -29.62	35.03 0.15 -28.68	37.01 0.16 -30.70	30.59 0.15 -24.56	22.75 0.21 -15.71	19.10 0.26 -11.57
BETHLEHEM___GS1 323560	19.55 0.47 -11.06	18.22 0.40 -11.64	14.73 0.40 -8.16	15.11 0.40 -8.52	14.49 0.40 -7.95	18.50 0.41 -11.70	21.71 0.26 -13.41	24.67 0.18 -15.68	25.86 0.14 -16.30	28.50 0.12 -21.26	30.44 0.11 -23.71	32.21 0.10 -25.62	32.50 0.11 -25.92	36.84 0.13 -29.22	37.87 0.13 -31.31	39.96 0.15 -32.65	44.37 0.15 -37.04	42.07 0.16 -36.13	36.43 0.17 -29.62	35.03 0.15 -28.68	37.01 0.16 -30.70	30.59 0.15 -24.56	22.75 0.21 -15.71	19.10 0.26 -11.57
BETHLEHEM___GS2 323561	19.55 0.47 -11.06	18.22 0.40 -11.64	14.73 0.40 -8.16	15.11 0.40 -8.52	14.49 0.40 -7.95	18.50 0.41 -11.70	21.71 0.26 -13.41	24.67 0.18 -15.68	25.86 0.14 -16.30	28.50 0.12 -21.26	30.44 0.11 -23.71	32.21 0.10 -25.62	32.50 0.11 -25.92	36.84 0.13 -29.22	37.87 0.13 -31.31	39.96 0.15 -32.65	44.37 0.15 -37.04	42.07 0.16 -36.13	36.43 0.17 -29.62	35.03 0.15 -28.68	37.01 0.16 -30.70	30.59 0.15 -24.56	22.75 0.21 -15.71	19.10 0.26 -11.57
BETHLEHEM___GS3 323562	19.55 0.47 -11.06	18.22 0.40 -11.64	14.73 0.40 -8.16	15.11 0.40 -8.52	14.49 0.40 -7.95	18.50 0.41 -11.70	21.71 0.26 -13.41	24.67 0.18 -15.68	25.86 0.14 -16.30	28.50 0.12 -21.26	30.44 0.11 -23.71	32.21 0.10 -25.62	32.50 0.11 -25.92	36.84 0.13 -29.22	37.87 0.13 -31.31	39.96 0.15 -32.65	44.37 0.15 -37.04	42.07 0.16 -36.13	36.43 0.17 -29.62	35.03 0.15 -28.68	37.01 0.16 -30.70	30.59 0.15 -24.56	22.75 0.21 -15.71	19.10 0.26 -11.57

BETHLEHEM___STEEL 23779	12.44 -0.19 -4.60	10.58 -0.11 -4.51	10.08 -0.07 -3.98	10.08 -0.09 -3.97	10.54 -0.07 -4.46	15.85 -0.09 -9.55	19.03 0.02 -10.98	21.77 0.24 -12.72	22.85 0.22 -13.21	24.67 0.06 -17.49	26.22 0.07 -19.53	27.66 0.08 -21.09	28.06 0.10 -21.49	32.92 0.10 -25.33	32.21 0.03 -25.74	33.91 0.00 -26.75	37.44 -0.06 -30.32	35.45 -0.08 -29.75	31.05 0.02 -24.39	29.85 0.06 -23.58	31.44 0.02 -25.27	26.19 0.01 -20.30	19.86 0.05 -12.99	16.89 0.05 -9.57
BETHPAGE_CC_5 323564	21.05 1.16 -11.87	17.51 0.82 -10.51	14.53 0.83 -7.53	14.78 0.80 -7.80	14.43 0.85 -7.43	18.81 0.89 -11.53	27.51 1.13 -18.34	30.62 1.26 -20.55	34.59 1.36 -23.80	37.40 1.05 -29.23	36.97 0.94 -29.41	38.12 0.93 -30.70	36.62 0.94 -29.20	37.60 1.07 -29.05	41.23 0.96 -33.84	43.36 1.07 -35.13	51.87 1.05 -43.64	50.88 0.85 -44.25	43.50 0.94 -35.91	44.29 0.89 -37.20	48.06 0.87 -41.03	40.77 0.84 -34.04	32.25 1.02 -24.40	27.37 1.08 -19.03
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.53 -0.12 -4.63	10.66 -0.06 -4.53	10.15 -0.02 -3.99	10.14 -0.04 -3.99	10.60 -0.02 -4.47	15.92 -0.03 -9.56	19.13 0.10 -10.99	21.87 0.33 -12.74	22.94 0.28 -13.23	24.74 0.11 -17.51	26.29 0.11 -19.56	27.71 0.12 -21.09	28.11 0.15 -21.49	32.98 0.16 -25.34	32.25 0.08 -25.74	33.97 0.06 -26.75	37.50 -0.01 -30.32	35.53 -0.04 -29.79	31.13 0.07 -24.42	29.90 0.11 -23.58	31.49 0.07 -25.27	26.23 0.05 -20.30	19.93 0.10 -13.01	16.94 0.09 -9.58
BINGHAMTON___COGEN 23790	14.11 0.22 -5.86	12.23 0.18 -5.88	11.19 0.18 -4.83	11.25 0.17 -4.89	11.55 0.18 -5.22	16.86 0.20 -10.27	20.16 0.31 -11.81	22.90 0.41 -13.68	24.08 0.44 -14.21	26.23 0.31 -18.81	27.92 0.29 -21.01	29.48 0.29 -22.71	29.75 0.30 -22.98	33.65 0.34 -25.82	34.42 0.28 -27.71	36.25 0.29 -28.80	40.10 0.28 -32.64	38.00 0.22 -32.00	33.15 0.27 -26.23	31.87 0.27 -25.38	33.62 0.27 -27.20	27.99 0.25 -21.85	21.08 0.28 -13.97	17.84 0.28 -10.29
BLACK RIVER___HYD 24047	11.42 -0.07 -3.47	9.33 -0.08 -3.23	9.14 -0.09 -3.06	9.10 -0.10 -3.01	9.57 -0.10 -3.53	13.83 -0.09 -7.53	16.96 0.02 -8.90	18.38 0.05 -9.51	19.30 0.07 -9.81	21.79 0.03 -14.65	23.28 0.05 -16.61	24.46 0.05 -17.92	24.66 0.06 -18.14	26.96 0.08 -19.40	28.07 0.05 -21.58	29.04 0.05 -21.84	31.85 0.07 -24.60	31.04 0.08 -25.18	27.35 0.10 -20.60	26.11 0.07 -19.83	27.63 0.06 -21.43	23.68 0.05 -17.75	18.20 0.02 -11.35	15.61 -0.02 -8.37
BLISS_WT_PWR 323608	12.78 0.04 -4.72	10.88 0.07 -4.63	10.33 0.09 -4.06	10.33 0.08 -4.06	10.78 0.11 -4.53	16.12 0.12 -9.61	19.39 0.30 -11.05	22.20 0.58 -12.81	23.33 0.60 -13.30	25.08 0.36 -17.60	26.62 0.34 -19.66	28.07 0.34 -21.24	28.44 0.37 -21.61	33.10 0.41 -25.21	32.63 0.28 -25.92	34.36 0.26 -26.94	37.91 0.19 -30.54	35.84 0.12 -29.95	31.45 0.25 -24.55	30.25 0.29 -23.75	31.86 0.26 -25.45	26.57 0.24 -20.44	20.20 0.29 -13.08	17.18 0.28 -9.63
BLUE_CIRC_CHEM_DRP 24182	19.49 0.48 -10.98	18.12 0.39 -11.55	14.67 0.39 -8.11	15.05 0.39 -8.47	14.44 0.39 -7.91	18.48 0.40 -11.69	21.82 0.39 -13.39	24.75 0.29 -15.64	25.98 0.29 -16.26	28.60 0.23 -21.25	30.54 0.21 -23.70	32.31 0.21 -25.61	32.59 0.21 -25.92	36.92 0.24 -29.20	37.95 0.22 -31.30	40.03 0.25 -32.62	44.44 0.25 -37.00	42.11 0.21 -36.12	36.48 0.23 -29.61	35.09 0.21 -28.66	37.05 0.22 -30.69	30.65 0.21 -24.57	22.80 0.26 -15.71	19.21 0.36 -11.58
BOC_GAS_DRP 24189	19.51 0.45 -11.04	18.15 0.36 -11.61	14.67 0.36 -8.14	15.05 0.36 -8.50	14.43 0.36 -7.93	18.45 0.36 -11.69	21.81 0.38 -13.40	24.81 0.36 -15.64	26.06 0.38 -16.26	28.67 0.30 -21.26	30.61 0.27 -23.71	32.38 0.27 -25.62	32.66 0.27 -25.93	36.99 0.31 -29.20	38.02 0.28 -31.30	40.09 0.31 -32.63	44.50 0.31 -37.01	42.16 0.25 -36.13	36.54 0.27 -29.62	35.14 0.25 -28.67	37.10 0.25 -30.70	30.71 0.25 -24.58	22.85 0.30 -15.72	19.21 0.36 -11.58
BORALEX_4TH_BRANCH 23824	19.81 0.63 -11.16	18.42 0.48 -11.76	14.88 0.48 -8.22	15.25 0.47 -8.59	14.62 0.49 -8.00	18.61 0.49 -11.73	22.00 0.54 -13.43	25.02 0.48 -15.73	26.15 0.37 -16.36	28.68 0.28 -21.28	30.61 0.27 -23.72	32.37 0.25 -25.63	32.65 0.25 -25.94	37.05 0.29 -29.27	38.04 0.27 -31.34	40.17 0.31 -32.70	44.60 0.32 -37.10	42.20 0.27 -36.15	36.59 0.30 -29.64	35.18 0.27 -28.70	37.15 0.28 -30.71	30.70 0.26 -24.55	22.97 0.44 -15.71	19.33 0.49 -11.57
BOWLINE___1 23526	18.66 0.82 -9.82	17.01 0.59 -10.24	14.16 0.60 -7.38	14.52 0.59 -7.73	14.14 0.61 -7.39	18.51 0.62 -11.50	22.05 0.80 -13.22	24.99 0.89 -15.29	26.17 0.97 -15.77	28.78 0.76 -20.90	30.71 0.70 -23.39	32.50 0.69 -25.32	32.88 0.72 -25.70	37.12 0.82 -28.81	38.18 0.72 -31.02	40.21 0.81 -32.25	44.51 0.78 -36.55	42.24 0.63 -35.83	36.72 0.71 -29.36	35.30 0.68 -28.41	37.26 0.66 -30.44	30.97 0.64 -24.45	23.05 0.74 -15.49	19.44 0.78 -11.39
BOWLINE___2 23595	18.66 0.82 -9.82	17.01 0.59 -10.24	14.16 0.60 -7.38	14.52 0.59 -7.73	14.14 0.61 -7.39	18.51 0.62 -11.50	22.05 0.80 -13.22	24.99 0.89 -15.29	26.17 0.97 -15.77	28.78 0.76 -20.90	30.71 0.70 -23.39	32.50 0.69 -25.32	32.88 0.72 -25.70	37.12 0.82 -28.81	38.18 0.72 -31.02	40.21 0.81 -32.25	44.51 0.78 -36.55	42.24 0.63 -35.83	36.72 0.71 -29.36	35.30 0.68 -28.41	37.26 0.66 -30.44	30.97 0.64 -24.45	23.06 0.74 -15.49	19.44 0.78 -11.39
BROOKHAVEN___DRP 24191	21.14 1.24 -11.87	17.51 0.83 -10.50	14.55 0.84 -7.53	14.79 0.80 -7.80	14.44 0.86 -7.43	18.86 0.94 -11.53	27.61 1.23 -18.34	30.14 1.25 -20.08	34.47 1.37 -23.68	37.36 1.07 -29.17	36.74 0.95 -29.18	37.05 0.94 -29.62	34.97 0.97 -27.53	37.44 1.08 -28.88	39.40 0.97 -31.99	41.70 1.10 -33.44	50.76 1.07 -42.51	49.69 0.87 -43.04	41.74 0.96 -34.14	41.70 0.89 -34.60	46.48 0.87 -39.46	38.95 0.85 -32.22	31.86 1.03 -24.00	26.99 1.05 -18.68
BROOKLYN_NAVY_YARD 23515	19.07 0.99 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.55 0.93 -13.58	26.55 1.05 -16.69	32.12 1.15 -21.54	35.98 0.90 -27.96	32.92 0.81 -25.48	33.33 0.81 -26.02	37.10 0.84 -29.79	38.40 0.96 -29.95	39.08 0.84 -31.81	40.40 0.94 -32.29	44.68 0.91 -36.58	42.93 0.74 -36.41	37.58 0.82 -30.12	35.99 0.78 -29.00	38.09 0.77 -31.17	31.72 0.74 -25.10	29.54 0.87 -21.85	25.01 0.92 -16.82
BROOKLYN___ARMY_DRP 323595	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
BROOME_2_LFGE 323671	14.11 0.22 -5.86	12.23 0.18 -5.88	11.19 0.18 -4.83	11.25 0.17 -4.89	11.55 0.18 -5.22	16.86 0.20 -10.27	20.16 0.31 -11.81	22.90 0.41 -13.68	24.08 0.44 -14.21	26.23 0.31 -18.81	27.92 0.29 -21.01	29.48 0.29 -22.71	29.75 0.30 -22.98	33.65 0.34 -25.82	34.42 0.28 -27.71	36.25 0.29 -28.80	40.10 0.28 -32.64	38.00 0.22 -32.00	33.15 0.27 -26.23	31.87 0.27 -25.38	33.62 0.27 -27.20	27.99 0.25 -21.85	21.08 0.28 -13.97	17.84 0.28 -10.29

BROOME___LFGE 323600	14.11 0.22 -5.86	12.23 0.18 -5.88	11.19 0.18 -4.83	11.25 0.17 -4.89	11.55 0.18 -5.22	16.86 0.20 -10.27	20.16 0.31 -11.81	22.90 0.41 -13.68	24.08 0.44 -14.21	26.23 0.31 -18.81	27.92 0.29 -21.01	29.48 0.29 -22.71	29.75 0.30 -22.98	33.65 0.34 -25.82	34.42 0.28 -27.71	36.25 0.29 -28.80	40.10 0.28 -32.64	38.00 0.22 -32.00	33.15 0.27 -26.23	31.87 0.27 -25.38	33.62 0.27 -27.20	27.99 0.25 -21.85	21.08 0.28 -13.97	17.84 0.28 -10.29
BURROWS___LYONSDAL 23803	11.89 0.06 -3.80	9.75 0.03 -3.54	9.67 0.02 -3.47	9.61 0.02 -3.40	10.23 0.02 -4.07	15.67 0.03 -9.25	18.94 0.11 -10.79	20.98 0.15 -12.02	22.04 0.18 -12.44	24.71 0.12 -17.47	26.41 0.13 -19.66	27.84 0.12 -21.23	28.07 0.12 -21.48	31.16 0.16 -23.52	32.29 0.12 -25.73	33.67 0.13 -26.39	37.14 0.14 -29.82	35.79 0.13 -29.88	31.27 0.16 -24.47	29.95 0.13 -23.61	31.68 0.12 -25.41	26.73 0.12 -20.73	20.19 0.10 -13.26	17.12 0.08 -9.77
CAITHNESS_CC_1 323624	21.12 1.23 -11.87	17.51 0.83 -10.50	14.54 0.83 -7.53	14.78 0.80 -7.80	14.44 0.86 -7.43	18.86 0.93 -11.53	27.58 1.21 -18.34	30.14 1.25 -20.08	34.47 1.37 -23.68	37.35 1.07 -29.17	36.74 0.94 -29.17	37.05 0.94 -29.62	34.96 0.96 -27.53	37.44 1.08 -28.88	39.39 0.97 -31.99	41.69 1.10 -33.44	50.75 1.06 -42.51	49.68 0.86 -43.04	41.73 0.95 -34.14	41.69 0.89 -34.59	46.47 0.87 -39.46	38.94 0.84 -32.21	31.85 1.02 -24.00	26.99 1.05 -18.68
CALPINE BETH_PAGE_GT4 24209	21.08 1.18 -11.87	17.52 0.84 -10.51	14.55 0.85 -7.53	14.80 0.82 -7.80	14.44 0.87 -7.43	18.83 0.91 -11.53	27.53 1.15 -18.34	30.84 1.28 -20.75	34.66 1.38 -23.86	37.44 1.06 -29.26	37.08 0.95 -29.50	38.58 0.94 -31.15	37.32 0.95 -29.90	37.68 1.08 -29.12	42.00 0.96 -34.60	44.06 1.08 -35.83	52.35 1.06 -44.12	51.39 0.85 -44.75	44.25 0.95 -36.65	45.38 0.89 -38.28	48.72 0.88 -41.69	41.54 0.85 -34.81	32.44 1.05 -24.57	27.54 1.10 -19.17
CALPINE_BETH_PAGE_GT_4 323586	21.08 1.18 -11.87	17.52 0.84 -10.51	14.55 0.85 -7.53	14.80 0.82 -7.80	14.44 0.87 -7.43	18.83 0.91 -11.53	27.53 1.15 -18.34	30.84 1.28 -20.75	34.66 1.38 -23.86	37.44 1.06 -29.26	37.08 0.95 -29.50	38.58 0.94 -31.15	37.32 0.95 -29.90	37.68 1.08 -29.12	42.00 0.96 -34.60	44.06 1.08 -35.83	52.35 1.06 -44.12	51.39 0.85 -44.75	44.25 0.95 -36.65	45.38 0.89 -38.28	48.72 0.88 -41.69	41.54 0.85 -34.81	32.44 1.05 -24.57	27.54 1.10 -19.17
CALPINE_BP_GT1 23823	21.08 1.18 -11.87	17.52 0.84 -10.51	14.55 0.85 -7.53	14.80 0.82 -7.80	14.44 0.87 -7.43	18.83 0.91 -11.53	27.53 1.15 -18.34	30.84 1.28 -20.75	34.66 1.38 -23.86	37.44 1.06 -29.26	37.08 0.95 -29.50	38.58 0.94 -31.15	37.32 0.95 -29.90	37.68 1.08 -29.12	42.00 0.96 -34.60	44.06 1.08 -35.83	52.35 1.06 -44.12	51.39 0.85 -44.75	44.25 0.95 -36.65	45.38 0.89 -38.28	48.72 0.88 -41.69	41.54 0.85 -34.81	32.44 1.05 -24.57	27.54 1.10 -19.17
CALSPAN___DRP 24200	12.44 -0.19 -4.60	10.58 -0.11 -4.51	10.08 -0.07 -3.98	10.08 -0.09 -3.97	10.54 -0.07 -4.46	15.85 -0.09 -9.55	19.03 0.02 -10.98	21.77 0.24 -12.72	22.85 0.22 -13.21	24.67 0.06 -17.49	26.22 0.07 -19.53	27.66 0.08 -21.09	28.06 0.10 -21.49	32.92 0.10 -25.33	32.21 0.03 -25.74	33.91 0.00 -26.75	37.44 -0.06 -30.32	35.45 -0.08 -29.75	31.05 0.02 -24.39	29.85 0.06 -23.58	31.44 0.02 -25.27	26.19 0.01 -20.30	19.86 0.05 -12.99	16.89 0.05 -9.57
CANDIGU_WT_PWR 323617	13.57 0.30 -5.25	11.63 0.24 -5.21	10.83 0.24 -4.42	10.86 0.23 -4.44	11.24 0.25 -4.85	16.59 0.29 -9.91	19.91 0.48 -11.40	22.67 0.66 -13.20	23.85 0.72 -13.71	25.75 0.48 -18.15	27.35 0.46 -20.27	28.84 0.45 -21.90	29.11 0.47 -22.18	33.01 0.54 -24.99	33.58 0.42 -26.72	35.36 0.43 -27.77	39.06 0.39 -31.48	36.95 0.29 -30.87	32.34 0.39 -25.31	31.10 0.41 -24.48	32.79 0.41 -26.24	27.33 0.37 -21.07	20.72 0.41 -13.48	17.60 0.40 -9.93
CARR STREET_E_SYR 24060	12.13 -0.04 -4.15	10.16 -0.03 -4.01	9.82 -0.03 -3.67	9.79 -0.04 -3.64	10.30 -0.03 -4.19	15.65 -0.03 -9.28	18.75 0.03 -10.68	21.28 0.10 -12.37	22.38 0.10 -12.85	24.18 0.06 -17.01	25.68 0.06 -19.00	27.07 0.06 -20.52	27.30 0.07 -20.77	30.85 0.09 -23.27	31.54 0.06 -25.04	33.25 0.06 -26.02	36.74 0.06 -29.50	34.75 0.04 -28.94	30.42 0.06 -23.72	29.21 0.06 -22.94	30.79 0.06 -24.58	25.67 0.04 -19.75	19.49 0.03 -12.63	16.58 0.01 -9.31
CARTHAGE___PAPER 23857	11.33 -0.10 -3.40	9.24 -0.09 -3.15	9.07 -0.11 -3.00	9.03 -0.11 -2.95	9.49 -0.11 -3.46	13.63 -0.10 -7.34	16.73 -0.02 -8.72	18.02 0.01 -9.20	18.92 0.02 -9.48	21.53 0.00 -14.42	23.01 0.01 -16.38	24.18 0.01 -17.68	24.38 0.03 -17.88	26.52 0.04 -19.00	27.70 0.02 -21.24	28.58 0.01 -21.41	31.32 0.04 -24.10	30.65 0.05 -24.82	27.01 0.07 -20.30	25.77 0.03 -19.53	27.29 0.02 -21.13	23.48 0.02 -17.57	18.06 -0.01 -11.24	15.51 -0.04 -8.28
CE_DUNWOOD___DRP 24194	18.99 0.90 -10.07	17.34 0.65 -10.52	14.36 0.65 -7.53	14.62 0.64 -7.80	14.23 0.66 -7.43	18.58 0.67 -11.52	22.13 0.87 -13.22	25.06 0.97 -15.28	26.18 1.06 -15.70	28.77 0.83 -20.82	30.69 0.75 -23.32	32.51 0.75 -25.27	32.94 0.78 -25.69	37.18 0.89 -28.81	38.26 0.78 -31.04	40.30 0.88 -32.26	44.60 0.85 -36.57	42.31 0.69 -35.84	36.79 0.78 -29.37	35.36 0.73 -28.42	37.31 0.71 -30.45	31.02 0.69 -24.45	23.03 0.80 -15.41	19.43 0.84 -11.32
CE_MILLWOOD___DRP 24193	18.93 0.87 -10.04	17.29 0.63 -10.48	14.32 0.63 -7.52	14.59 0.61 -7.79	14.20 0.63 -7.43	18.55 0.65 -11.52	22.09 0.83 -13.22	25.02 0.92 -15.29	26.17 1.01 -15.74	28.77 0.79 -20.87	30.71 0.73 -23.36	32.51 0.72 -25.30	32.91 0.75 -25.70	37.15 0.85 -28.81	38.22 0.75 -31.04	40.26 0.84 -32.26	44.56 0.82 -36.56	42.28 0.66 -35.84	36.76 0.74 -29.37	35.33 0.70 -28.42	37.29 0.69 -30.45	31.00 0.66 -24.46	23.05 0.77 -15.45	19.43 0.81 -11.36
CE_NYC2_DRP 24202	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.58 0.96 -13.58	26.58 1.09 -16.67	32.07 1.19 -21.46	36.01 0.92 -27.98	36.59 0.84 -29.13	36.96 0.83 -29.64	37.61 0.85 -30.29	38.40 0.98 -29.94	39.24 0.85 -31.95	40.40 0.94 -32.30	44.68 0.91 -36.58	42.93 0.75 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.08 0.77 -31.16	31.73 0.75 -25.10	29.46 0.88 -21.76	24.93 0.92 -16.74
CE_NYC_DRP 24195	19.09 1.00 -10.06	17.41 0.73 -10.50	14.43 0.72 -7.53	14.69 0.71 -7.80	14.31 0.72 -7.44	18.66 0.75 -11.53	22.43 0.96 -13.43	26.59 1.07 -16.70	32.17 1.18 -21.57	36.00 0.92 -27.96	36.71 0.85 -29.24	37.05 0.84 -29.72	36.99 0.87 -29.66	38.43 0.99 -29.96	39.07 0.87 -31.77	40.42 0.97 -32.29	44.71 0.94 -36.58	42.96 0.76 -36.42	37.62 0.86 -30.12	36.02 0.81 -29.00	38.11 0.79 -31.17	31.75 0.76 -25.11	29.59 0.89 -21.88	25.04 0.93 -16.85
CHAFFEE___LFGE 323603	12.55 -0.14 -4.66	10.68 -0.07 -4.57	10.16 -0.04 -4.02	10.16 -0.04 -4.01	10.61 -0.02 -4.50	15.93 -0.04 -9.58	19.15 0.10 -11.02	21.91 0.33 -12.76	23.01 0.33 -13.26	24.82 0.16 -17.54	26.36 0.15 -19.60	27.81 0.16 -21.17	28.20 0.19 -21.54	32.96 0.20 -25.27	32.37 0.11 -25.83	34.09 0.09 -26.84	37.63 0.02 -30.43	35.61 -0.02 -29.85	31.21 0.10 -24.47	30.00 0.13 -23.66	31.60 0.10 -25.36	26.33 0.08 -20.37	19.98 0.12 -13.03	16.98 0.11 -9.60



CHATEAUG_WT_PWR 323614	8.61 -0.23 -0.82	6.31 -0.18 -0.31	6.31 -0.19 -0.31	6.29 -0.19 -0.30	6.22 -0.20 -0.28	3.99 -0.22 2.18	6.62 -0.29 1.12	2.98 -0.33 5.50	2.97 -0.36 6.10	7.53 -0.26 -0.68	8.42 -0.24 -2.04	8.37 -0.25 -2.12	8.36 -0.25 -2.14	4.70 -0.31 2.47	7.26 -0.26 -1.09	4.87 -0.29 2.00	3.83 -0.29 3.05	8.08 -0.23 -2.53	8.25 -0.26 -1.86	7.27 -0.24 -1.30	8.24 -0.23 -2.32	10.33 -0.22 -4.67	9.57 -0.24 -2.98	9.21 -0.25 -2.20
CHAT_HIGH_FALL_HYD 323578	8.66 -0.25 -0.88	6.37 -0.19 -0.38	6.36 -0.20 -0.38	6.34 -0.20 -0.36	6.28 -0.22 -0.36	4.22 -0.24 1.93	6.86 -0.31 0.87	3.33 -0.36 5.12	3.34 -0.39 5.69	7.88 -0.28 -1.04	8.77 -0.27 -2.42	8.76 -0.26 -2.53	8.76 -0.27 -2.56	5.25 -0.33 1.91	7.77 -0.28 -1.62	5.46 -0.31 1.38	4.52 -0.32 2.34	8.65 -0.24 -3.12	8.71 -0.28 -2.35	7.74 -0.25 -1.78	8.72 -0.25 -2.81	10.65 -0.24 -5.01	9.77 -0.26 -3.20	9.36 -0.27 -2.36
CHAUTAUQUA___LFGE 323629	12.53 -0.12 -4.63	10.66 -0.06 -4.54	10.15 -0.02 -4.00	10.14 -0.04 -3.99	10.61 -0.01 -4.48	15.93 -0.02 -9.56	19.16 0.13 -11.00	21.96 0.41 -12.74	23.06 0.40 -13.23	24.83 0.21 -17.51	26.38 0.20 -19.56	27.83 0.21 -21.13	28.23 0.24 -21.52	33.15 0.26 -25.40	32.37 0.15 -25.78	34.09 0.14 -26.79	37.62 0.06 -30.37	35.59 0.02 -29.79	31.21 0.15 -24.42	30.00 0.17 -23.62	31.59 0.13 -25.31	26.32 0.11 -20.33	19.98 0.15 -13.01	16.99 0.14 -9.58
CH_MIDHUDSON___DRP 24192	19.13 0.86 -10.25	17.53 0.63 -10.72	14.46 0.64 -7.64	14.76 0.61 -7.96	14.31 0.63 -7.54	18.55 0.64 -11.52	22.10 0.81 -13.25	25.05 0.89 -15.35	26.35 0.98 -15.94	28.98 0.77 -21.10	30.89 0.70 -23.57	32.65 0.69 -25.46	32.95 0.72 -25.76	37.19 0.83 -28.88	38.24 0.73 -31.07	40.28 0.83 -32.29	44.59 0.81 -36.60	42.33 0.66 -35.89	36.81 0.74 -29.42	35.36 0.69 -28.46	37.33 0.68 -30.50	31.03 0.65 -24.50	23.25 0.75 -15.67	19.61 0.79 -11.55
CH_MISC_IPPS 23765	19.04 0.91 -10.11	17.40 0.66 -10.56	14.40 0.67 -7.56	14.70 0.65 -7.87	14.29 0.66 -7.48	18.58 0.67 -11.52	22.14 0.86 -13.24	25.10 0.95 -15.34	26.43 1.07 -15.93	29.03 0.83 -21.08	30.94 0.76 -23.55	32.69 0.75 -25.45	33.00 0.78 -25.75	37.25 0.91 -28.86	38.29 0.80 -31.05	40.35 0.92 -32.27	44.66 0.90 -36.58	42.38 0.73 -35.88	36.87 0.82 -29.41	35.42 0.76 -28.45	37.37 0.74 -30.48	31.07 0.70 -24.49	23.29 0.81 -15.66	19.65 0.84 -11.54
CH_RES_BVR_FALLS 23983	10.83 -0.03 -2.84	9.01 -0.02 -2.86	9.14 -0.02 -2.98	9.06 -0.02 -2.90	9.77 -0.02 -3.65	16.87 -0.03 -10.50	19.35 -0.02 -11.34	24.14 -0.02 -15.34	25.56 -0.01 -16.14	23.86 -0.01 -16.75	24.65 -0.01 -18.04	26.00 -0.01 -19.53	26.20 -0.03 -19.76	32.16 -0.04 -24.72	31.02 -0.04 -24.62	34.35 -0.04 -27.23	38.43 -0.04 -31.29	33.52 -0.03 -27.77	29.49 -0.03 -22.88	28.58 -0.02 -22.39	29.64 -0.02 -23.51	23.27 -0.02 -17.41	17.93 -0.03 -11.14	15.44 -0.04 -8.20
CH_RES_NIAGARA 23895	12.08 -0.48 -4.54	10.29 -0.33 -4.44	9.83 -0.28 -3.93	9.82 -0.30 -3.92	10.28 -0.28 -4.42	15.56 -0.35 -9.51	18.64 -0.33 -10.94	21.27 -0.21 -12.67	22.30 -0.28 -13.16	24.21 -0.32 -17.41	25.77 -0.30 -19.45	27.21 -0.29 -21.01	27.56 -0.27 -21.37	32.07 -0.33 -24.91	31.74 -0.33 -25.64	33.40 -0.40 -26.65	36.93 -0.45 -30.20	35.02 -0.39 -29.63	30.59 -0.35 -24.29	29.41 -0.29 -23.49	30.99 -0.33 -25.17	25.79 -0.31 -20.22	19.48 -0.28 -12.94	16.54 -0.25 -9.53
CH_RES_SYRACUSE 23985	12.18 -0.01 -4.16	10.21 -0.01 -4.04	9.84 -0.01 -3.67	9.82 -0.01 -3.64	10.31 -0.01 -4.17	15.58 0.01 -9.18	18.67 0.07 -10.56	21.17 0.12 -12.23	22.26 0.13 -12.71	24.01 0.07 -16.82	25.48 0.07 -18.79	26.86 0.08 -20.29	27.09 0.08 -20.53	30.60 0.10 -23.01	31.27 0.08 -24.76	32.97 0.08 -25.73	36.42 0.07 -29.17	34.45 0.06 -28.62	30.18 0.08 -23.46	28.97 0.07 -22.68	30.54 0.08 -24.31	25.47 0.06 -19.53	19.37 0.05 -12.49	16.51 0.04 -9.21
CLINTON_WT_PWR 323605	8.61 -0.23 -0.82	6.31 -0.18 -0.31	6.31 -0.19 -0.31	6.29 -0.19 -0.30	6.22 -0.20 -0.28	3.99 -0.22 2.18	6.62 -0.29 1.12	2.98 -0.33 5.50	2.97 -0.36 6.10	7.53 -0.26 -0.68	8.42 -0.24 -2.04	8.37 -0.25 -2.12	8.36 -0.25 -2.14	4.70 -0.31 2.47	7.26 -0.26 -1.09	4.87 -0.29 2.00	3.83 -0.29 3.05	8.08 -0.23 -2.53	8.25 -0.26 -1.86	7.27 -0.24 -1.30	8.24 -0.23 -2.32	10.33 -0.22 -4.67	9.57 -0.24 -2.98	9.21 -0.25 -2.20
CLINTON___LFGE 323618	8.64 -0.22 -0.83	6.34 -0.17 -0.33	6.34 -0.17 -0.33	6.32 -0.18 -0.31	6.25 -0.19 -0.30	4.06 -0.21 2.12	6.71 0.49 1.06	3.09 0.45 5.40	3.10 0.39 5.99	7.65 0.30 -0.77	8.53 0.28 -2.14	8.49 0.26 -2.23	8.49 0.26 -2.25	4.86 0.31 2.33	7.41 0.29 -1.22	5.04 0.32 1.84	4.03 0.33 2.87	8.25 0.28 -2.68	8.39 0.32 -1.99	7.41 0.32 -1.42	8.39 0.30 -2.45	10.43 0.28 -4.75	9.64 0.40 -3.04	9.27 -0.24 -2.24
COLONIE_LFGE___ 323577	19.85 0.58 -11.24	18.48 0.45 -11.85	14.90 0.46 -8.27	15.28 0.45 -8.65	14.63 0.45 -8.03	18.60 0.47 -11.74	21.96 0.49 -13.44	25.01 0.45 -15.75	26.19 0.39 -16.37	28.71 0.30 -21.29	30.63 0.28 -23.73	32.39 0.26 -25.64	32.67 0.26 -25.95	37.08 0.31 -29.29	38.07 0.28 -31.35	40.20 0.32 -32.72	44.63 0.33 -37.12	42.23 0.28 -36.17	36.62 0.32 -29.65	35.20 0.29 -28.71	37.18 0.30 -30.72	30.72 0.28 -24.56	22.94 0.40 -15.71	19.29 0.45 -11.57
CORNELL_____ 23752	13.36 0.21 -5.13	11.41 0.15 -5.08	10.67 0.15 -4.34	10.70 0.15 -4.36	11.08 0.15 -4.78	16.43 0.18 -9.86	19.70 0.32 -11.34	22.37 0.42 -13.14	23.52 0.45 -13.64	25.49 0.31 -18.06	27.09 0.30 -20.17	28.59 0.29 -21.81	28.85 0.30 -22.08	32.64 0.36 -24.80	33.34 0.29 -26.61	35.13 0.31 -27.66	38.84 0.30 -31.35	36.75 0.25 -30.73	32.14 0.31 -25.18	30.88 0.29 -24.38	32.57 0.30 -26.13	27.14 0.26 -20.99	20.51 0.27 -13.41	17.41 0.26 -9.88
COXSACKIE___GT 23611	19.09 0.71 -10.35	17.56 0.54 -10.83	14.43 0.55 -7.71	14.76 0.54 -8.03	14.29 0.55 -7.59	18.46 0.54 -11.53	21.92 0.63 -13.25	24.77 0.61 -15.35	26.09 0.72 -15.95	28.76 0.54 -21.10	30.68 0.48 -23.58	32.44 0.47 -25.47	32.74 0.49 -25.78	36.96 0.59 -28.89	38.06 0.54 -31.08	40.09 0.63 -32.30	44.44 0.64 -36.62	42.21 0.53 -35.91	36.67 0.59 -29.43	35.20 0.52 -28.48	37.17 0.51 -30.51	30.86 0.47 -24.51	23.04 0.54 -15.68	19.42 0.60 -11.55
CPV_VALLEY___CC1 323721	18.34 0.75 -9.57	16.68 0.54 -9.95	13.95 0.55 -7.23	14.25 0.54 -7.52	13.93 0.55 -7.24	18.44 0.56 -11.49	21.97 0.72 -13.21	24.91 0.80 -15.30	26.19 0.88 -15.89	28.84 0.69 -21.03	30.75 0.63 -23.49	32.50 0.62 -25.38	32.80 0.65 -25.68	37.01 0.74 -28.79	38.06 0.65 -30.97	40.07 0.72 -32.19	44.37 0.70 -36.49	42.13 0.57 -35.78	36.62 0.64 -29.33	35.19 0.61 -28.38	37.15 0.60 -30.41	30.88 0.57 -24.43	23.12 0.67 -15.62	19.48 0.70 -11.51
CPV_VALLEY___CC2 323722	18.34 0.75 -9.57	16.68 0.54 -9.95	13.95 0.55 -7.23	14.25 0.54 -7.52	13.93 0.55 -7.24	18.44 0.56 -11.49	21.97 0.72 -13.21	24.91 0.80 -15.30	26.19 0.88 -15.89	28.84 0.69 -21.03	30.75 0.63 -23.49	32.50 0.62 -25.38	32.80 0.65 -25.68	37.01 0.74 -28.79	38.06 0.65 -30.97	40.07 0.72 -32.19	44.37 0.70 -36.49	42.13 0.57 -35.78	36.62 0.64 -29.33	35.19 0.61 -28.38	37.15 0.60 -30.41	30.88 0.57 -24.43	23.12 0.67 -15.62	19.48 0.70 -11.51

CRESCENT___HYD 24018	19.85 0.58 -11.24	18.48 0.45 -11.85	14.90 0.46 -8.27	15.28 0.45 -8.65	14.63 0.45 -8.03	18.60 0.47 -11.74	21.96 0.49 -13.44	25.01 0.45 -15.75	26.19 0.39 -16.37	28.71 0.30 -21.29	30.63 0.28 -23.73	32.39 0.26 -25.64	32.67 0.26 -25.95	37.08 0.31 -29.29	38.07 0.28 -31.35	40.20 0.32 -32.72	44.63 0.33 -37.12	42.23 0.28 -36.17	36.62 0.32 -29.65	35.20 0.29 -28.71	37.18 0.30 -30.72	30.72 0.28 -24.56	22.94 0.40 -15.71	19.29 0.45 -11.57
CRUCIBLE_METL_DRP 24180	12.18 -0.01 -4.16	10.21 -0.01 -4.04	9.84 -0.01 -3.67	9.82 -0.01 -3.64	10.31 -0.01 -4.17	15.58 0.01 -9.18	18.67 0.07 -10.56	21.17 0.12 -12.23	22.26 0.13 -12.71	24.01 0.07 -16.82	25.48 0.07 -18.79	26.86 0.08 -20.29	27.09 0.08 -20.53	30.60 0.10 -23.01	31.27 0.08 -24.76	32.97 0.08 -25.73	36.42 0.07 -29.17	34.45 0.06 -28.62	30.18 0.08 -23.46	28.97 0.07 -22.68	30.54 0.08 -24.31	25.47 0.06 -19.53	19.37 0.05 -12.49	16.51 0.04 -9.21
DANC___LFGE 323619	11.42 -0.07 -3.47	9.33 -0.08 -3.23	9.14 -0.09 -3.06	9.10 -0.10 -3.01	9.57 -0.10 -3.53	13.83 -0.09 -7.53	16.96 0.02 -8.90	18.38 0.05 -9.51	19.30 0.07 -9.81	21.79 0.03 -14.65	23.28 0.05 -16.61	24.46 0.05 -17.92	24.66 0.06 -18.14	26.96 0.08 -19.40	28.07 0.05 -21.58	29.04 0.05 -21.84	31.85 0.07 -24.60	31.04 0.08 -25.18	27.35 0.10 -20.60	26.11 0.07 -19.83	27.63 0.06 -21.43	23.68 0.05 -17.75	18.20 0.02 -11.35	15.61 -0.02 -8.37
DANSKAMMER___1 23586	19.04 0.91 -10.11	17.40 0.66 -10.56	14.40 0.67 -7.56	14.70 0.65 -7.87	14.29 0.66 -7.48	18.58 0.67 -11.52	22.14 0.86 -13.24	25.10 0.95 -15.34	26.43 1.07 -15.93	29.03 0.83 -21.08	30.94 0.76 -23.55	32.69 0.75 -25.45	33.00 0.78 -25.75	37.25 0.91 -28.86	38.29 0.80 -31.05	40.35 0.92 -32.27	44.66 0.90 -36.58	42.38 0.73 -35.88	36.87 0.82 -29.41	35.42 0.76 -28.45	37.37 0.74 -30.48	31.07 0.70 -24.49	23.29 0.81 -15.66	19.65 0.84 -11.54
DANSKAMMER___2 23589	19.04 0.91 -10.11	17.40 0.66 -10.56	14.40 0.67 -7.56	14.70 0.65 -7.87	14.29 0.66 -7.48	18.58 0.67 -11.52	22.14 0.86 -13.24	25.10 0.95 -15.34	26.43 1.07 -15.93	29.03 0.83 -21.08	30.94 0.76 -23.55	32.69 0.75 -25.45	33.00 0.78 -25.75	37.25 0.91 -28.86	38.29 0.80 -31.05	40.35 0.92 -32.27	44.66 0.90 -36.58	42.38 0.73 -35.88	36.87 0.82 -29.41	35.42 0.76 -28.45	37.37 0.74 -30.48	31.07 0.70 -24.49	23.29 0.81 -15.66	19.65 0.84 -11.54
DANSKAMMER___3 23590	19.04 0.91 -10.11	17.40 0.66 -10.56	14.40 0.67 -7.56	14.70 0.65 -7.87	14.29 0.66 -7.48	18.58 0.67 -11.52	22.14 0.86 -13.24	25.10 0.95 -15.34	26.43 1.07 -15.93	29.03 0.83 -21.08	30.94 0.76 -23.55	32.69 0.75 -25.45	33.00 0.78 -25.75	37.25 0.91 -28.86	38.29 0.80 -31.05	40.35 0.92 -32.27	44.66 0.90 -36.58	42.38 0.73 -35.88	36.87 0.82 -29.41	35.42 0.76 -28.45	37.37 0.74 -30.48	31.07 0.70 -24.49	23.29 0.81 -15.66	19.65 0.84 -11.54
DANSKAMMER___4 23591	19.04 0.91 -10.11	17.40 0.66 -10.56	14.40 0.67 -7.56	14.70 0.65 -7.87	14.29 0.66 -7.48	18.58 0.67 -11.52	22.14 0.86 -13.24	25.10 0.95 -15.34	26.43 1.07 -15.93	29.03 0.83 -21.08	30.94 0.76 -23.55	32.69 0.75 -25.45	33.00 0.78 -25.75	37.25 0.91 -28.86	38.29 0.80 -31.05	40.35 0.92 -32.27	44.66 0.90 -36.58	42.38 0.73 -35.88	36.87 0.82 -29.41	35.42 0.76 -28.45	37.37 0.74 -30.48	31.07 0.70 -24.49	23.29 0.81 -15.66	19.65 0.84 -11.54
DANSKAMMER___DIESEL 23592	19.04 0.91 -10.11	17.40 0.66 -10.56	14.40 0.67 -7.56	14.70 0.65 -7.87	14.29 0.66 -7.48	18.58 0.67 -11.52	22.14 0.86 -13.24	25.10 0.95 -15.34	26.43 1.07 -15.93	29.03 0.83 -21.08	30.94 0.76 -23.55	32.69 0.75 -25.45	33.00 0.78 -25.75	37.25 0.91 -28.86	38.29 0.80 -31.05	40.35 0.92 -32.27	44.66 0.90 -36.58	42.38 0.73 -35.88	36.87 0.82 -29.41	35.42 0.76 -28.45	37.37 0.74 -30.48	31.07 0.70 -24.49	23.29 0.81 -15.66	19.65 0.84 -11.54
DASHVILLE___HYD 23610	18.86 0.72 -10.11	17.27 0.52 -10.57	14.27 0.53 -7.56	14.57 0.51 -7.87	14.15 0.52 -7.48	18.43 0.52 -11.52	21.94 0.67 -13.24	24.88 0.73 -15.34	26.19 0.83 -15.93	28.85 0.65 -21.09	30.76 0.58 -23.55	32.52 0.58 -25.45	32.83 0.61 -25.75	37.04 0.70 -28.86	38.11 0.62 -31.05	40.14 0.71 -32.27	44.46 0.70 -36.58	42.22 0.57 -35.88	36.68 0.63 -29.41	35.24 0.58 -28.45	37.21 0.57 -30.49	30.92 0.55 -24.49	23.12 0.63 -15.66	19.48 0.67 -11.54
DELAWARE___LFGE 323621	15.20 0.43 -6.75	13.32 0.32 -6.82	11.96 0.32 -5.47	12.08 0.33 -5.56	12.28 0.32 -5.82	17.77 0.34 -11.04	21.18 0.45 -12.69	24.04 0.52 -14.71	25.27 0.57 -15.27	27.77 0.43 -20.21	29.61 0.40 -22.58	31.29 0.40 -24.40	31.55 0.39 -24.69	35.61 0.46 -27.67	36.60 0.39 -29.77	38.53 0.43 -30.94	42.69 0.43 -35.07	40.53 0.35 -34.40	35.24 0.41 -28.19	33.87 0.38 -27.28	35.76 0.38 -29.23	29.72 0.36 -23.48	22.25 0.40 -15.02	18.75 0.41 -11.06
DOGLEVILLE___HYD 23807	12.72 0.30 -4.40	10.54 0.22 -4.14	10.56 0.22 -4.16	10.46 0.22 -4.06	11.30 0.21 -4.95	18.62 0.24 -11.99	22.07 0.31 -13.72	25.23 0.33 -16.09	26.52 0.37 -16.73	29.13 0.28 -21.73	31.11 0.27 -24.22	32.92 0.27 -26.16	33.20 0.25 -26.48	37.66 0.28 -29.90	38.65 0.23 -31.99	40.79 0.23 -33.40	45.30 0.22 -37.89	42.87 0.18 -36.91	37.12 0.21 -30.26	35.71 0.20 -29.30	37.71 0.20 -31.35	31.18 0.24 -25.05	23.13 0.28 -16.03	19.37 0.29 -11.81
DUNKIRK___1 23563	12.52 -0.13 -4.63	10.65 -0.06 -4.53	10.14 -0.03 -3.99	10.14 -0.04 -3.99	10.60 -0.02 -4.47	15.92 -0.03 -9.56	19.15 0.12 -10.99	21.94 0.39 -12.74	23.04 0.39 -13.23	24.82 0.19 -17.51	26.36 0.19 -19.56	27.81 0.19 -21.12	28.21 0.23 -21.52	33.14 0.25 -25.41	32.35 0.14 -25.77	34.07 0.12 -26.79	37.60 0.05 -30.36	35.58 0.01 -29.79	31.19 0.13 -24.42	29.98 0.16 -23.61	31.57 0.12 -25.30	26.31 0.10 -20.33	19.97 0.14 -13.01	16.98 0.13 -9.58
DUNKIRK___2 23564	12.52 -0.13 -4.63	10.65 -0.06 -4.53	10.14 -0.03 -3.99	10.14 -0.04 -3.99	10.60 -0.02 -4.47	15.92 -0.03 -9.56	19.15 0.12 -10.99	21.94 0.39 -12.74	23.04 0.39 -13.23	24.82 0.19 -17.51	26.36 0.19 -19.56	27.81 0.19 -21.12	28.21 0.23 -21.52	33.14 0.25 -25.41	32.35 0.14 -25.77	34.07 0.12 -26.79	37.60 0.05 -30.36	35.58 0.01 -29.79	31.19 0.13 -24.42	29.98 0.16 -23.61	31.57 0.12 -25.30	26.31 0.10 -20.33	19.97 0.14 -13.01	16.98 0.13 -9.58
DUNKIRK___3 23565	12.49 -0.14 -4.60	10.61 -0.07 -4.51	10.12 -0.04 -3.98	10.11 -0.06 -3.97	10.58 -0.03 -4.46	15.89 -0.04 -9.55	19.11 0.09 -10.98	21.87 0.33 -12.72	22.97 0.33 -13.21	24.75 0.15 -17.49	26.30 0.15 -19.53	27.74 0.16 -21.10	28.15 0.18 -21.50	33.15 0.19 -25.47	32.28 0.10 -25.74	33.99 0.08 -26.75	37.52 0.01 -30.33	35.51 -0.02 -29.75	31.12 0.09 -24.39	29.92 0.12 -23.58	31.51 0.09 -25.27	26.25 0.07 -20.30	19.92 0.11 -12.99	16.94 0.10 -9.57
DUNKIRK___4 23566	12.49 -0.14 -4.60	10.61 -0.07 -4.51	10.12 -0.04 -3.98	10.11 -0.06 -3.97	10.58 -0.03 -4.46	15.89 -0.04 -9.55	19.11 0.09 -10.98	21.87 0.33 -12.72	22.97 0.33 -13.21	24.75 0.15 -17.49	26.30 0.15 -19.53	27.74 0.16 -21.10	28.15 0.18 -21.50	33.15 0.19 -25.47	32.28 0.10 -25.74	33.99 0.08 -26.75	37.52 0.01 -30.33	35.51 -0.02 -29.75	31.12 0.09 -24.39	29.92 0.12 -23.58	31.51 0.09 -25.27	26.25 0.07 -20.30	19.92 0.11 -12.99	16.94 0.10 -9.57

DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.01 0.93 -10.06	17.35 0.67 -10.50	14.37 0.67 -7.53	14.65 0.66 -7.80	14.26 0.68 -7.43	18.61 0.70 -11.52	22.20 0.92 -13.25	25.22 1.02 -15.39	26.69 1.10 -16.16	29.35 0.87 -21.36	31.20 0.79 -23.78	32.90 0.79 -25.62	33.21 0.83 -25.91	37.32 0.94 -28.90	38.33 0.82 -31.07	40.34 0.92 -32.26	44.65 0.90 -36.57	42.39 0.73 -35.89	36.89 0.82 -29.43	35.44 0.77 -28.46	37.41 0.76 -30.50	31.11 0.72 -24.51	23.59 0.85 -15.92	19.90 0.88 -11.76
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.82 0.83 -9.96	17.18 0.61 -10.40	14.26 0.61 -7.47	14.57 0.60 -7.78	14.18 0.61 -7.42	18.53 0.63 -11.51	22.07 0.80 -13.23	25.04 0.90 -15.33	26.35 1.00 -15.92	28.97 0.78 -21.07	30.87 0.71 -23.54	32.63 0.71 -25.43	32.93 0.73 -25.73	37.17 0.85 -28.84	38.21 0.75 -31.03	40.25 0.84 -32.25	44.56 0.82 -36.56	42.30 0.66 -35.85	36.78 0.74 -29.39	35.34 0.70 -28.43	37.30 0.68 -30.47	31.01 0.65 -24.47	23.23 0.75 -15.65	19.59 0.79 -11.53
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.10 1.00 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.69 0.70 -7.80	14.30 0.71 -7.44	18.64 0.72 -11.52	22.54 0.93 -13.57	25.47 1.05 -15.61	26.72 1.14 -16.15	29.36 0.88 -21.36	31.20 0.81 -23.77	32.90 0.80 -25.61	33.20 0.83 -25.90	37.32 0.94 -28.89	38.32 0.82 -31.06	40.36 0.92 -32.29	44.63 0.88 -36.57	42.90 0.72 -36.41	37.57 0.82 -30.11	35.97 0.77 -28.99	38.05 0.74 -31.16	31.70 0.72 -25.10	23.60 0.85 -15.92	19.92 0.89 -11.77
EAST HAMPTON___GT 23717	21.73 1.84 -11.87	17.96 1.27 -10.50	15.00 1.30 -7.53	15.24 1.25 -7.80	14.90 1.33 -7.43	19.36 1.43 -11.53	28.28 1.90 -18.34	30.97 2.08 -20.08	35.41 2.31 -23.68	38.11 1.82 -29.17	37.45 1.66 -29.18	37.78 1.66 -29.62	35.71 1.71 -27.54	38.33 1.97 -28.88	40.17 1.73 -32.00	42.57 1.96 -33.45	51.68 1.98 -42.52	50.41 1.58 -43.05	42.58 1.79 -34.15	42.44 1.63 -34.61	47.22 1.61 -39.47	39.61 1.50 -32.23	32.54 1.71 -24.00	27.63 1.69 -18.68
EAST RIVER___6 23660	19.08 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.94 -13.58	26.56 1.06 -16.69	32.13 1.16 -21.54	35.99 0.91 -27.96	36.67 0.83 -29.22	37.02 0.83 -29.70	37.12 0.86 -29.79	38.42 0.98 -29.95	39.10 0.86 -31.81	40.42 0.97 -32.29	44.69 0.93 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.56 0.88 -21.85	25.01 0.92 -16.82
EAST RIVER___7 23524	19.08 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.94 -13.58	26.56 1.06 -16.69	32.13 1.16 -21.54	35.99 0.91 -27.96	36.67 0.83 -29.22	37.02 0.83 -29.70	37.12 0.86 -29.79	38.42 0.98 -29.95	39.10 0.86 -31.81	40.42 0.97 -32.29	44.69 0.93 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.56 0.88 -21.85	25.01 0.92 -16.82
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.99 0.90 -10.07	17.34 0.65 -10.52	14.36 0.65 -7.53	14.62 0.64 -7.80	14.23 0.66 -7.43	18.58 0.67 -11.52	22.13 0.87 -13.22	25.06 0.97 -15.28	26.18 1.06 -15.70	28.77 0.83 -20.82	30.69 0.75 -23.32	32.51 0.75 -25.27	32.94 0.78 -25.69	37.18 0.89 -28.81	38.26 0.78 -31.04	40.30 0.88 -32.26	44.60 0.85 -36.57	42.31 0.69 -35.84	36.79 0.78 -29.37	35.36 0.73 -28.42	37.31 0.71 -30.45	31.02 0.69 -24.45	23.03 0.80 -15.41	19.43 0.84 -11.32
EAST_HAMPTON___DIESEL 23722	21.73 1.84 -11.87	17.96 1.27 -10.50	15.01 1.30 -7.53	15.24 1.25 -7.80	14.91 1.33 -7.43	19.36 1.43 -11.53	28.28 1.90 -18.34	30.97 2.08 -20.08	35.42 2.32 -23.68	38.12 1.83 -29.17	37.45 1.66 -29.18	37.78 1.66 -29.62	35.72 1.71 -27.54	38.33 1.97 -28.88	40.18 1.74 -32.00	42.58 1.97 -33.45	51.68 1.98 -42.52	50.42 1.59 -43.05	42.58 1.79 -34.15	42.44 1.63 -34.61	47.22 1.61 -39.47	39.61 1.50 -32.23	32.54 1.71 -24.00	27.64 1.69 -18.68
EAST_RIVER___1 323558	19.09 1.00 -10.06	17.41 0.73 -10.50	14.43 0.72 -7.53	14.69 0.71 -7.80	14.31 0.72 -7.44	18.66 0.75 -11.53	22.43 0.96 -13.43	26.59 1.07 -16.70	32.17 1.18 -21.57	36.00 0.92 -27.96	36.71 0.85 -29.24	37.05 0.84 -29.72	36.99 0.87 -29.66	38.43 0.99 -29.96	39.07 0.87 -31.77	40.42 0.97 -32.29	44.71 0.94 -36.58	42.96 0.76 -36.42	37.62 0.86 -30.12	36.02 0.81 -29.00	38.11 0.79 -31.17	31.75 0.76 -25.11	29.59 0.89 -21.88	25.04 0.93 -16.85
EAST_RIVER___2 323559	19.08 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.94 -13.58	26.56 1.06 -16.69	32.13 1.16 -21.54	35.99 0.91 -27.96	36.67 0.83 -29.22	37.02 0.83 -29.70	37.12 0.86 -29.79	38.42 0.98 -29.95	39.10 0.86 -31.81	40.42 0.97 -32.29	44.69 0.93 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.56 0.88 -21.85	25.01 0.92 -16.82
EAST___DELAWARE_HYD 23607	18.56 0.83 -9.71	16.89 0.61 -10.11	14.10 0.61 -7.31	14.39 0.60 -7.60	14.05 0.61 -7.29	18.50 0.62 -11.49	22.06 0.81 -13.21	25.04 0.92 -15.31	26.36 1.04 -15.90	28.96 0.80 -21.04	30.85 0.72 -23.51	32.61 0.72 -25.40	32.91 0.74 -25.70	37.15 0.86 -28.80	38.19 0.77 -30.99	40.22 0.86 -32.21	44.54 0.85 -36.51	42.27 0.69 -35.80	36.77 0.78 -29.35	35.33 0.73 -28.39	37.29 0.71 -30.42	31.00 0.68 -24.44	23.22 0.76 -15.63	19.58 0.79 -11.52
ELEC_TRO_TEK 24086	20.92 1.03 -11.87	17.42 0.73 -10.51	14.45 0.74 -7.53	14.70 0.72 -7.80	14.33 0.76 -7.44	18.71 0.79 -11.53	27.38 1.00 -18.35	31.61 1.11 -21.68	34.72 1.19 -24.11	37.42 0.92 -29.38	37.50 0.83 -30.04	41.01 0.82 -33.69	41.15 0.86 -33.82	37.98 0.98 -29.52	46.23 0.88 -38.92	47.90 0.98 -39.76	54.90 0.95 -46.77	54.13 0.77 -47.58	48.29 0.84 -40.80	51.38 0.80 -44.37	52.31 0.79 -45.38	45.73 0.76 -39.08	33.21 0.90 -25.49	28.07 0.95 -19.85
ELLENBURG_WT_PWR 323604	8.61 -0.23 -0.82	6.31 -0.18 -0.31	6.31 -0.19 -0.31	6.29 -0.19 -0.30	6.22 -0.20 -0.28	3.99 -0.22 2.18	6.62 -0.29 1.12	2.98 -0.33 5.50	2.97 -0.36 6.10	7.53 -0.26 -0.68	8.42 -0.24 -2.04	8.37 -0.25 -2.12	8.36 -0.25 -2.14	4.70 -0.31 2.47	7.26 -0.26 -1.09	4.87 -0.29 2.00	3.83 -0.29 3.05	8.08 -0.23 -2.53	8.25 -0.26 -1.86	7.27 -0.24 -1.30	8.24 -0.23 -2.32	10.33 -0.22 -4.67	9.57 -0.24 -2.98	9.21 -0.25 -2.20
ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.41 -0.20 -4.58	10.56 -0.11 -4.49	10.06 -0.08 -3.97	10.06 -0.09 -3.96	10.53 -0.07 -4.45	15.83 -0.10 -9.54	19.02 0.02 -10.97	21.75 0.23 -12.71	22.84 0.22 -13.20	24.65 0.07 -17.47	26.20 0.07 -19.51	27.64 0.08 -21.07	28.05 0.10 -21.48	33.12 0.11 -25.53	32.18 0.03 -25.71	33.88 0.00 -26.72	37.41 -0.06 -30.29	35.41 -0.08 -29.72	31.02 0.02 -24.36	29.81 0.05 -23.56	31.40 0.01 -25.24	26.16 0.01 -20.28	19.84 0.04 -12.97	16.87 0.04 -9.56
EMPIRE_CC_1 323656	19.54 0.59 -10.93	18.15 0.48 -11.49	14.73 0.48 -8.07	15.08 0.46 -8.43	14.50 0.47 -7.88	18.56 0.47 -11.70	21.87 0.43 -13.40	24.85 0.37 -15.67	26.01 0.30 -16.28	28.59 0.23 -21.25	30.53 0.21 -23.69	32.29 0.20 -25.60	32.58 0.21 -25.91	36.93 0.24 -29.20	37.95 0.23 -31.29	40.05 0.26 -32.63	44.45 0.26 -37.01	42.12 0.23 -36.11	36.49 0.25 -29.60	35.09 0.22 -28.66	37.06 0.23 -30.68	30.64 0.22 -24.54	22.88 0.35 -15.70	19.24 0.41 -11.57

EMPIRE_CC_2 323658	19.54 0.59 -10.93	18.15 0.48 -11.49	14.73 0.48 -8.07	15.08 0.46 -8.43	14.50 0.47 -7.88	18.56 0.47 -11.70	21.87 0.43 -13.40	24.85 0.37 -15.67	26.01 0.30 -16.28	28.59 0.23 -21.25	30.53 0.21 -23.69	32.29 0.20 -25.60	32.58 0.21 -25.91	36.93 0.24 -29.20	37.95 0.23 -31.29	40.05 0.26 -32.63	44.45 0.26 -37.01	42.12 0.23 -36.11	36.49 0.25 -29.60	35.09 0.22 -28.66	37.06 0.23 -30.68	30.64 0.22 -24.54	22.88 0.35 -15.70	19.24 0.41 -11.57
ERIE_WT_PWR 323693	12.45 -0.18 -4.60	10.58 -0.11 -4.51	10.09 -0.07 -3.98	10.08 -0.08 -3.97	10.54 -0.06 -4.46	15.86 -0.08 -9.55	19.04 0.02 -10.98	21.78 0.25 -12.72	22.86 0.23 -13.21	24.68 0.08 -17.49	26.23 0.07 -19.53	27.67 0.08 -21.09	28.06 0.11 -21.49	32.93 0.11 -25.33	32.21 0.04 -25.74	33.92 0.01 -26.75	37.45 -0.06 -30.32	35.45 -0.08 -29.75	31.06 0.03 -24.39	29.85 0.06 -23.58	31.44 0.02 -25.27	26.20 0.02 -20.30	19.87 0.05 -12.99	16.90 0.06 -9.57
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.35 0.20 -5.12	11.41 0.15 -5.07	10.66 0.15 -4.33	10.68 0.14 -4.35	11.08 0.15 -4.78	16.42 0.17 -9.86	19.68 0.31 -11.34	22.35 0.41 -13.13	23.50 0.43 -13.64	25.47 0.30 -18.05	27.07 0.28 -20.17	28.57 0.28 -21.80	28.83 0.29 -22.07	32.61 0.34 -24.78	33.31 0.28 -26.60	35.10 0.29 -27.65	38.81 0.29 -31.34	36.73 0.24 -30.72	32.12 0.29 -25.18	30.86 0.28 -24.37	32.55 0.28 -26.12	27.12 0.25 -20.98	20.50 0.27 -13.41	17.40 0.25 -9.88
E_CANADA_CAP_HY 24051	21.00 0.41 -12.57	19.83 0.30 -13.35	15.53 0.30 -9.05	16.02 0.30 -9.53	15.07 0.31 -8.61	18.33 0.34 -11.59	21.81 0.51 -13.27	24.86 0.52 -15.53	26.11 0.54 -16.15	28.56 0.41 -21.04	30.45 0.37 -23.46	32.17 0.33 -25.35	32.44 0.32 -25.65	36.81 0.40 -28.93	37.76 0.34 -30.98	39.86 0.39 -32.32	44.26 0.42 -36.66	41.88 0.35 -35.75	36.37 0.42 -29.31	34.98 0.39 -28.38	36.94 0.42 -30.37	30.58 0.41 -24.29	22.76 0.40 -15.54	19.11 0.39 -11.45
E_CANADA_MHWK_HY 24050	12.72 0.30 -4.40	10.54 0.22 -4.14	10.56 0.22 -4.16	10.46 0.22 -4.06	11.30 0.21 -4.95	18.62 0.24 -11.99	22.07 0.31 -13.72	25.23 0.33 -16.09	26.52 0.37 -16.73	29.13 0.28 -21.73	31.11 0.27 -24.22	32.92 0.27 -26.16	33.20 0.25 -26.48	37.66 0.28 -29.90	38.65 0.23 -31.99	40.79 0.23 -33.40	45.30 0.22 -37.89	42.87 0.18 -36.91	37.12 0.21 -30.26	35.71 0.20 -29.30	37.71 0.20 -31.35	31.18 0.24 -25.05	23.13 0.28 -16.03	19.37 0.29 -11.81
E_FISHKILL___LBMP 23776	18.95 0.83 -10.10	17.33 0.60 -10.55	14.34 0.61 -7.55	14.62 0.58 -7.85	14.21 0.60 -7.47	18.52 0.61 -11.52	22.05 0.77 -13.25	25.02 0.85 -15.36	26.34 0.90 -16.01	29.00 0.71 -21.17	30.91 0.65 -23.63	32.65 0.65 -25.51	32.91 0.67 -25.77	37.13 0.76 -28.88	38.17 0.68 -31.05	40.19 0.76 -32.28	44.50 0.73 -36.58	42.26 0.60 -35.89	36.73 0.67 -29.42	35.30 0.63 -28.46	37.27 0.62 -30.50	30.98 0.59 -24.50	23.28 0.70 -15.75	19.63 0.75 -11.61
FAR ROCKAWAY___4 23548	21.06 1.16 -11.87	17.53 0.84 -10.51	14.55 0.84 -7.53	14.81 0.82 -7.80	14.44 0.86 -7.44	18.82 0.89 -11.54	27.52 1.13 -18.35	33.84 1.26 -23.77	35.45 1.37 -24.66	37.84 1.06 -29.66	38.75 0.90 -31.23	46.69 0.90 -39.30	49.89 0.94 -42.48	38.95 1.07 -30.39	55.83 0.95 -48.44	56.68 1.07 -48.46	60.85 1.04 -52.62	60.45 0.84 -53.82	57.54 0.93 -49.96	64.91 0.88 -57.82	60.53 0.87 -53.51	55.24 0.83 -48.53	35.37 1.03 -27.51	29.72 1.08 -21.37
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.08 0.99 -10.06	17.41 0.72 -10.50	14.43 0.72 -7.53	14.70 0.71 -7.80	14.31 0.72 -7.44	18.67 0.75 -11.53	22.58 0.96 -13.58	26.58 1.07 -16.69	32.14 1.18 -21.54	36.00 0.92 -27.96	37.27 0.84 -29.81	37.61 0.84 -30.28	37.13 0.87 -29.80	38.43 0.99 -29.95	39.11 0.86 -31.81	40.43 0.97 -32.29	44.70 0.93 -36.58	42.95 0.76 -36.41	37.61 0.85 -30.12	36.02 0.81 -29.00	38.11 0.79 -31.17	31.75 0.76 -25.10	29.56 0.89 -21.85	25.02 0.93 -16.82
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.09 1.00 -10.06	17.41 0.72 -10.50	14.43 0.72 -7.53	14.70 0.71 -7.80	14.31 0.72 -7.44	18.67 0.75 -11.53	22.58 0.96 -13.58	26.58 1.07 -16.69	32.14 1.18 -21.54	36.00 0.92 -27.96	36.68 0.84 -29.22	37.03 0.84 -29.70	37.13 0.87 -29.80	38.43 0.99 -29.95	39.11 0.86 -31.81	40.42 0.97 -32.29	44.70 0.93 -36.58	42.95 0.76 -36.41	37.61 0.85 -30.12	36.02 0.81 -29.00	38.11 0.79 -31.17	31.75 0.76 -25.10	29.56 0.89 -21.85	25.02 0.93 -16.82
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.08 0.99 -10.06	17.41 0.72 -10.50	14.42 0.72 -7.53	14.70 0.71 -7.80	14.30 0.72 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.58 1.07 -16.69	32.14 1.17 -21.54	36.00 0.92 -27.96	36.68 0.84 -29.22	37.02 0.83 -29.70	37.12 0.86 -29.80	38.42 0.98 -29.95	39.11 0.86 -31.81	40.42 0.97 -32.29	44.70 0.93 -36.58	42.95 0.76 -36.41	37.60 0.84 -30.12	36.01 0.80 -29.00	38.10 0.78 -31.17	31.74 0.75 -25.10	29.56 0.88 -21.85	25.01 0.92 -16.82
FARRAGUT___LBMP 323566	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.57 1.07 -16.69	32.13 1.16 -21.54	35.98 0.90 -27.96	36.67 0.83 -29.22	37.02 0.82 -29.70	37.12 0.85 -29.80	38.41 0.97 -29.95	39.10 0.86 -31.81	40.41 0.96 -32.29	44.68 0.92 -36.58	42.94 0.75 -36.41	37.60 0.84 -30.12	36.00 0.80 -29.00	38.10 0.78 -31.17	31.73 0.75 -25.10	29.55 0.87 -21.85	25.01 0.92 -16.82
FENNER___WINDPWR 24204	12.61 0.22 -4.37	10.54 0.16 -4.20	10.25 0.15 -3.92	10.21 0.15 -3.87	10.80 0.15 -4.51	16.76 0.17 -10.19	20.07 0.31 -11.72	22.79 0.41 -13.58	23.98 0.45 -14.10	26.09 0.31 -18.66	27.78 0.30 -20.85	29.31 0.29 -22.52	29.56 0.30 -22.79	33.39 0.36 -25.54	34.21 0.30 -27.48	36.04 0.32 -28.56	39.88 0.32 -32.38	37.80 0.27 -31.75	33.00 0.33 -26.03	31.69 0.30 -25.18	33.43 0.30 -26.98	27.82 0.26 -21.67	20.96 0.27 -13.86	17.73 0.25 -10.22
FIBERTEK___ENERGY 23856	12.18 -0.01 -4.16	10.21 -0.01 -4.04	9.84 -0.01 -3.67	9.82 -0.01 -3.64	10.31 -0.01 -4.17	15.58 0.01 -9.18	18.67 0.07 -10.56	21.17 0.12 -12.23	22.26 0.13 -12.71	24.01 0.07 -16.82	25.48 0.07 -18.79	26.86 0.08 -20.29	27.09 0.08 -20.53	30.60 0.10 -23.01	31.27 0.08 -24.76	32.97 0.08 -25.73	36.42 0.07 -29.17	34.45 0.06 -28.62	30.18 0.08 -23.46	28.97 0.07 -22.68	30.54 0.08 -24.31	25.47 0.06 -19.53	19.37 0.05 -12.49	16.51 0.04 -9.21
FITZPATRICK____ 23598	11.64 -0.18 -3.79	9.68 -0.14 -3.65	9.44 -0.14 -3.40	9.41 -0.14 -3.37	9.92 -0.14 -3.92	15.12 -0.14 -8.87	18.08 -0.14 -10.19	20.49 -0.12 -11.80	21.55 -0.13 -12.26	23.22 -0.12 -16.23	24.64 -0.11 -18.13	25.97 -0.10 -19.58	26.19 -0.10 -19.81	29.58 -0.11 -22.21	30.22 -0.11 -23.89	31.87 -0.12 -24.83	35.20 -0.13 -28.15	33.28 -0.10 -27.61	29.16 -0.11 -22.63	28.00 -0.10 -21.89	29.50 -0.10 -23.46	24.62 -0.11 -18.84	18.75 -0.13 -12.05	16.00 -0.15 -8.88
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.08 0.94 -10.12	17.43 0.69 -10.57	14.44 0.70 -7.56	14.73 0.67 -7.87	14.32 0.69 -7.48	18.60 0.69 -11.52	22.16 0.88 -13.24	25.14 0.99 -15.34	26.48 1.12 -15.93	29.07 0.87 -21.09	30.96 0.79 -23.55	32.72 0.79 -25.45	33.03 0.81 -25.75	37.30 0.95 -28.86	38.33 0.84 -31.05	40.39 0.96 -32.27	44.70 0.94 -36.58	42.42 0.76 -35.88	36.91 0.86 -29.41	35.45 0.79 -28.45	37.40 0.77 -30.49	31.10 0.73 -24.49	23.32 0.83 -15.66	19.68 0.87 -11.54

FORT ORANGE____ 23900	19.55 0.55 -10.98	18.17 0.45 -11.55	14.73 0.45 -8.10	15.10 0.45 -8.46	14.50 0.45 -7.90	18.55 0.46 -11.69	21.84 0.40 -13.40	24.82 0.34 -15.66	26.03 0.32 -16.28	28.63 0.26 -21.25	30.56 0.24 -23.70	32.33 0.23 -25.61	32.61 0.23 -25.91	36.96 0.27 -29.21	37.98 0.25 -31.29	40.08 0.29 -32.63	44.49 0.29 -37.02	42.15 0.26 -36.12	36.54 0.29 -29.61	35.13 0.25 -28.66	37.10 0.26 -30.68	30.68 0.25 -24.55	22.86 0.33 -15.70	19.22 0.38 -11.57
FORT_DRUM_COGEN 23780	11.40 -0.08 -3.45	9.31 -0.08 -3.21	9.13 -0.09 -3.04	9.09 -0.10 -3.00	9.55 -0.10 -3.51	13.78 -0.09 -7.48	16.90 0.01 -8.86	18.29 0.04 -9.43	19.20 0.06 -9.72	21.73 0.02 -14.59	23.21 0.04 -16.55	24.39 0.04 -17.86	24.59 0.05 -18.07	26.85 0.07 -19.29	27.98 0.05 -21.49	28.93 0.05 -21.73	31.72 0.06 -24.47	30.94 0.07 -25.09	27.26 0.09 -20.52	26.03 0.06 -19.75	27.55 0.05 -21.35	23.63 0.05 -17.70	18.16 0.01 -11.32	15.59 -0.02 -8.34
FPL_FAR_ROCK_GT1 24212	21.06 1.16 -11.87	17.53 0.84 -10.51	14.55 0.84 -7.53	14.81 0.82 -7.80	14.44 0.86 -7.44	18.82 0.89 -11.54	27.52 1.13 -18.35	33.84 1.26 -23.77	35.45 1.37 -24.66	37.84 1.06 -29.66	38.75 0.90 -31.23	46.69 0.90 -39.30	49.89 0.94 -42.48	38.95 1.07 -30.39	55.83 0.95 -48.44	56.68 1.07 -48.46	60.85 1.04 -52.62	60.45 0.84 -53.82	57.54 0.93 -49.96	64.91 0.88 -57.82	60.53 0.87 -53.51	55.24 0.83 -48.53	35.37 1.03 -27.51	29.72 1.08 -21.37
FPL_FAR_ROCK_GT2 23815	21.06 1.16 -11.87	17.53 0.84 -10.51	14.55 0.84 -7.53	14.81 0.82 -7.80	14.44 0.86 -7.44	18.82 0.89 -11.54	27.52 1.13 -18.35	33.84 1.26 -23.77	35.45 1.37 -24.66	37.84 1.06 -29.66	38.75 0.90 -31.23	46.69 0.90 -39.30	49.89 0.94 -42.48	38.95 1.07 -30.39	55.83 0.95 -48.44	56.68 1.07 -48.46	60.85 1.04 -52.62	60.45 0.84 -53.82	57.54 0.93 -49.96	64.91 0.88 -57.82	60.53 0.87 -53.51	55.24 0.83 -48.53	35.37 1.03 -27.51	29.72 1.08 -21.37
FRANKLIN_FALL_HYD 24054	8.74 -0.30 -1.02	6.47 -0.24 -0.54	6.47 -0.25 -0.54	6.46 -0.25 -0.52	6.43 -0.26 -0.55	4.78 -0.27 1.33	7.45 -0.35 0.24	4.21 -0.41 4.20	4.28 -0.42 4.72	8.72 -0.31 -1.91	9.67 -0.28 -3.33	9.73 -0.29 -3.52	9.74 -0.29 -3.56	6.58 -0.35 0.56	9.03 -0.30 -2.89	6.92 -0.34 -0.09	6.22 -0.34 0.63	10.06 -0.25 -4.53	9.86 -0.30 -3.52	8.87 -0.28 -2.94	9.89 -0.27 -4.01	11.46 -0.26 -5.83	10.28 -0.28 -3.73	9.72 -0.30 -2.75
FREEPORT_EQUS_GT1 23764	21.01 1.12 -11.87	17.48 0.80 -10.51	14.51 0.80 -7.53	14.76 0.77 -7.80	14.40 0.82 -7.43	18.79 0.86 -11.53	27.48 1.10 -18.35	31.51 1.22 -21.48	34.80 1.33 -24.05	37.50 1.03 -29.35	37.43 0.93 -29.88	40.32 0.90 -32.93	40.04 0.92 -32.64	37.94 1.06 -29.40	45.00 0.94 -37.62	46.80 1.06 -38.58	54.19 1.03 -45.97	53.35 0.84 -46.73	47.13 0.93 -39.55	49.62 0.88 -42.54	51.28 0.87 -44.27	44.53 0.85 -37.80	33.05 1.00 -25.22	28.01 1.05 -19.70
FREEPORT____CT2 23818	21.01 1.12 -11.87	17.48 0.80 -10.51	14.51 0.80 -7.53	14.76 0.77 -7.80	14.40 0.82 -7.43	18.79 0.86 -11.53	27.48 1.10 -18.35	31.51 1.22 -21.48	34.80 1.33 -24.05	37.50 1.03 -29.35	37.43 0.93 -29.88	40.32 0.90 -32.93	40.04 0.92 -32.64	37.94 1.06 -29.40	45.00 0.94 -37.62	46.80 1.06 -38.58	54.19 1.03 -45.97	53.35 0.84 -46.73	47.13 0.93 -39.55	49.62 0.88 -42.54	51.28 0.87 -44.27	44.53 0.85 -37.80	33.05 1.00 -25.22	28.01 1.05 -19.70
FULTON COGEN____ 23766	11.84 -0.11 -3.93	9.90 -0.08 -3.80	9.59 -0.08 -3.49	9.56 -0.09 -3.46	10.06 -0.08 -4.00	15.22 -0.08 -8.91	18.71 0.07 -10.60	21.22 0.13 -12.28	22.32 0.14 -12.75	24.06 0.07 -16.88	25.55 0.08 -18.85	26.93 0.08 -20.36	27.16 0.09 -20.61	30.69 0.11 -23.09	31.37 0.08 -24.85	33.07 0.09 -25.82	36.54 0.09 -29.27	34.56 0.07 -28.71	30.27 0.09 -23.54	29.06 0.09 -22.76	30.64 0.09 -24.39	25.55 0.07 -19.60	19.41 0.05 -12.54	16.53 0.03 -9.24
FULTON____LFGE 323630	20.96 0.77 -12.17	19.64 0.56 -12.89	15.56 0.56 -8.82	16.01 0.56 -9.26	15.19 0.60 -8.44	18.72 0.68 -11.65	22.34 0.97 -13.34	25.51 1.07 -15.62	26.79 1.13 -16.24	29.10 0.85 -21.13	30.97 0.79 -23.56	32.65 0.70 -25.46	32.91 0.68 -25.76	37.35 0.80 -29.07	38.25 0.70 -31.12	40.42 0.79 -32.47	44.86 0.84 -36.84	42.39 0.70 -35.90	36.92 0.84 -29.44	35.49 0.78 -28.50	37.50 0.84 -30.50	31.03 0.76 -24.39	23.19 0.76 -15.60	19.52 0.76 -11.49
G.F.CEMENT____DRP 24184	20.04 0.74 -11.28	18.63 0.56 -11.89	15.03 0.56 -8.29	15.41 0.55 -8.67	14.76 0.57 -8.05	18.72 0.59 -11.74	22.19 0.72 -13.43	25.28 0.72 -15.75	26.47 0.67 -16.37	28.92 0.52 -21.28	30.83 0.48 -23.72	32.57 0.45 -25.63	32.85 0.45 -25.94	37.30 0.53 -29.28	38.25 0.48 -31.34	40.41 0.54 -32.71	44.85 0.55 -37.11	42.39 0.46 -36.16	36.81 0.52 -29.65	35.38 0.47 -28.70	37.37 0.50 -30.72	30.89 0.46 -24.55	23.13 0.60 -15.70	19.48 0.64 -11.57
GARDENVILLE____LBMP 24039	12.39 -0.22 -4.59	10.54 -0.12 -4.49	10.05 -0.09 -3.97	10.04 -0.11 -3.96	10.51 -0.09 -4.45	15.82 -0.11 -9.54	19.00 -0.01 -10.97	21.72 0.20 -12.71	22.80 0.18 -13.20	24.62 0.04 -17.47	26.17 0.03 -19.51	27.61 0.05 -21.07	28.03 0.08 -21.48	33.05 0.07 -25.50	32.15 0.00 -25.71	33.84 -0.04 -26.72	37.38 -0.09 -30.29	35.39 -0.10 -29.72	31.00 -0.01 -24.36	29.79 0.02 -23.56	31.39 -0.01 -25.24	26.15 -0.01 -20.28	19.82 0.02 -12.97	16.85 0.02 -9.56
GENERAL____MILLS 23808	12.44 -0.19 -4.60	10.58 -0.11 -4.51	10.08 -0.07 -3.98	10.08 -0.09 -3.97	10.54 -0.07 -4.46	15.85 -0.09 -9.55	19.03 0.02 -10.98	21.77 0.24 -12.72	22.85 0.22 -13.21	24.67 0.06 -17.49	26.22 0.07 -19.53	27.66 0.08 -21.09	28.06 0.10 -21.49	32.92 0.10 -25.33	32.21 0.03 -25.74	33.91 0.00 -26.75	37.44 -0.06 -30.32	35.45 -0.08 -29.75	31.05 0.02 -24.39	29.85 0.06 -23.58	31.44 0.02 -25.27	26.19 0.01 -20.30	19.86 0.05 -12.99	16.89 0.05 -9.57
GE_PLASTICS____DRP 24183	19.49 0.48 -10.99	18.13 0.39 -11.56	14.68 0.39 -8.11	15.05 0.39 -8.47	14.44 0.39 -7.91	18.48 0.40 -11.69	21.82 0.39 -13.39	24.75 0.29 -15.65	25.97 0.28 -16.26	28.60 0.23 -21.25	30.54 0.21 -23.70	32.31 0.20 -25.61	32.59 0.20 -25.92	36.91 0.23 -29.20	37.95 0.22 -31.30	40.03 0.25 -32.62	44.44 0.25 -37.00	42.11 0.21 -36.12	36.48 0.23 -29.61	35.08 0.20 -28.66	37.05 0.21 -30.69	30.65 0.20 -24.57	22.80 0.26 -15.71	19.20 0.36 -11.58
GILBOA____1 23756	18.13 0.45 -9.65	16.59 0.36 -10.05	13.82 0.36 -7.28	14.13 0.38 -7.55	13.77 0.36 -7.26	18.26 0.38 -11.50	21.68 0.43 -13.22	24.58 0.46 -15.31	25.82 0.49 -15.90	28.54 0.38 -21.05	30.48 0.34 -23.51	32.24 0.34 -25.40	32.49 0.32 -25.70	36.67 0.37 -28.81	37.76 0.33 -30.99	39.73 0.36 -32.21	44.07 0.37 -36.51	41.89 0.30 -35.81	36.33 0.34 -29.35	34.92 0.32 -28.40	36.89 0.31 -30.43	30.64 0.31 -24.44	22.83 0.38 -15.63	19.19 0.41 -11.52
GILBOA____2 23757	18.13 0.45 -9.65	16.59 0.36 -10.05	13.82 0.36 -7.28	14.13 0.38 -7.55	13.77 0.36 -7.26	18.26 0.38 -11.50	21.68 0.43 -13.22	24.58 0.46 -15.31	25.82 0.49 -15.90	28.54 0.38 -21.05	30.48 0.34 -23.51	32.24 0.34 -25.40	32.49 0.32 -25.70	36.67 0.37 -28.81	37.76 0.33 -30.99	39.73 0.36 -32.21	44.07 0.37 -36.51	41.89 0.30 -35.81	36.33 0.34 -29.35	34.92 0.32 -28.40	36.89 0.31 -30.43	30.64 0.31 -24.44	22.83 0.38 -15.63	19.19 0.41 -11.52

GILBOA___3 23758	18.13 0.45 -9.65	16.59 0.36 -10.05	13.82 0.36 -7.28	14.13 0.38 -7.55	13.77 0.36 -7.26	18.26 0.38 -11.50	21.68 0.43 -13.22	24.58 0.46 -15.31	25.82 0.49 -15.90	28.54 0.38 -21.05	30.48 0.34 -23.51	32.24 0.34 -25.40	32.49 0.32 -25.70	36.67 0.37 -28.81	37.76 0.33 -30.99	39.73 0.36 -32.21	44.07 0.37 -36.51	41.89 0.30 -35.81	36.33 0.34 -29.35	34.92 0.32 -28.40	36.89 0.31 -30.43	30.64 0.31 -24.44	22.83 0.38 -15.63	19.19 0.41 -11.52
GILBOA___4 23759	18.13 0.45 -9.65	16.59 0.36 -10.05	13.82 0.36 -7.28	14.13 0.38 -7.55	13.77 0.36 -7.26	18.26 0.38 -11.50	21.68 0.43 -13.22	24.58 0.46 -15.31	25.82 0.49 -15.90	28.54 0.38 -21.05	30.48 0.34 -23.51	32.24 0.34 -25.40	32.49 0.32 -25.70	36.67 0.37 -28.81	37.76 0.33 -30.99	39.73 0.36 -32.21	44.07 0.37 -36.51	41.89 0.30 -35.81	36.33 0.34 -29.35	34.92 0.32 -28.40	36.89 0.31 -30.43	30.64 0.31 -24.44	22.83 0.38 -15.63	19.19 0.41 -11.52
GILBOA___ 23599	18.13 0.45 -9.65	16.59 0.36 -10.05	13.82 0.36 -7.28	14.13 0.38 -7.55	13.77 0.36 -7.26	18.26 0.38 -11.50	21.68 0.43 -13.22	24.58 0.46 -15.31	25.82 0.49 -15.90	28.54 0.38 -21.05	30.48 0.34 -23.51	32.24 0.34 -25.40	32.49 0.32 -25.70	36.67 0.37 -28.81	37.76 0.33 -30.99	39.73 0.36 -32.21	44.07 0.37 -36.51	41.89 0.30 -35.81	36.33 0.34 -29.35	34.92 0.32 -28.40	36.89 0.31 -30.43	30.64 0.31 -24.44	22.83 0.38 -15.63	19.19 0.41 -11.52
GINNA___ 23603	11.75 -0.60 -4.33	9.93 -0.45 -4.21	9.52 -0.44 -3.79	9.51 -0.45 -3.77	10.00 -0.44 -4.29	15.33 -0.45 -9.39	18.40 -0.43 -10.79	20.94 -0.38 -12.50	22.02 -0.40 -12.99	23.93 -0.37 -17.19	25.49 -0.33 -19.20	26.91 -0.32 -20.73	27.16 -0.29 -20.98	30.66 -0.34 -23.51	31.42 -0.31 -25.30	33.10 -0.35 -26.29	36.62 -0.37 -29.80	34.72 -0.31 -29.25	30.30 -0.31 -23.97	29.11 -0.28 -23.18	30.69 -0.30 -24.84	25.53 -0.31 -19.95	19.22 -0.38 -12.77	16.25 -0.42 -9.41
GLEN PARK___ 23778	11.44 -0.06 -3.48	9.35 -0.08 -3.25	9.16 -0.09 -3.07	9.12 -0.09 -3.03	9.58 -0.10 -3.54	13.87 -0.08 -7.56	17.00 0.02 -8.94	18.45 0.07 -9.57	19.38 0.08 -9.87	21.85 0.04 -14.69	23.33 0.06 -16.65	24.52 0.06 -17.97	24.72 0.07 -18.18	27.05 0.10 -19.47	28.14 0.06 -21.64	29.14 0.07 -21.91	31.96 0.09 -24.69	31.12 0.09 -25.25	27.42 0.12 -20.66	26.18 0.08 -19.89	27.70 0.07 -21.48	23.73 0.06 -17.78	18.23 0.03 -11.37	15.63 -0.01 -8.38
GLENWOOD_IC_1_G5 23712	20.94 1.04 -11.87	17.43 0.75 -10.51	14.46 0.75 -7.53	14.72 0.73 -7.80	14.35 0.77 -7.43	18.72 0.80 -11.53	27.40 1.02 -18.34	30.94 1.14 -20.99	34.58 1.23 -23.92	37.37 0.96 -29.29	37.15 0.89 -29.64	39.16 0.88 -31.79	38.27 0.91 -30.89	37.74 1.04 -29.22	43.05 0.92 -35.69	45.00 1.03 -36.82	52.97 1.01 -44.78	52.05 0.81 -45.46	45.24 0.90 -37.70	46.87 0.85 -39.81	49.60 0.84 -42.62	42.56 0.80 -35.88	32.56 0.94 -24.80	27.59 0.98 -19.35
GLENWOOD_IC_2_G1 23688	20.88 0.99 -11.87	17.39 0.71 -10.51	14.42 0.72 -7.53	14.68 0.70 -7.80	14.30 0.72 -7.43	18.68 0.75 -11.53	27.34 0.96 -18.34	30.32 1.07 -20.43	34.37 1.17 -23.77	37.24 0.91 -29.22	36.82 0.83 -29.37	37.83 0.82 -30.51	36.24 0.85 -28.91	37.48 0.98 -29.02	40.82 0.86 -33.52	42.96 0.97 -34.83	51.57 0.94 -43.45	50.57 0.76 -44.04	43.10 0.84 -35.61	43.76 0.80 -36.75	47.69 0.78 -40.76	40.36 0.75 -33.73	32.03 0.88 -24.33	27.13 0.92 -18.94
GLENWOOD_IC_3_G1 23689	20.88 0.99 -11.87	17.39 0.71 -10.51	14.42 0.72 -7.53	14.68 0.70 -7.80	14.30 0.72 -7.43	18.68 0.75 -11.53	27.34 0.96 -18.34	30.32 1.07 -20.43	34.37 1.17 -23.77	37.24 0.91 -29.22	36.82 0.83 -29.37	37.83 0.82 -30.51	36.24 0.85 -28.91	37.48 0.98 -29.02	40.82 0.86 -33.52	42.96 0.97 -34.83	51.57 0.94 -43.45	50.57 0.76 -44.04	43.10 0.84 -35.61	43.76 0.80 -36.75	47.69 0.78 -40.76	40.36 0.75 -33.73	32.03 0.88 -24.33	27.13 0.92 -18.94
GLENWOOD___4 23550	20.94 1.04 -11.87	17.43 0.75 -10.51	14.46 0.75 -7.53	14.72 0.73 -7.80	14.35 0.77 -7.43	18.72 0.80 -11.53	27.40 1.02 -18.34	30.94 1.14 -20.99	34.58 1.23 -23.92	37.37 0.96 -29.29	37.15 0.89 -29.64	39.16 0.88 -31.79	38.27 0.91 -30.89	37.74 1.04 -29.22	43.05 0.92 -35.69	45.00 1.03 -36.82	52.97 1.01 -44.78	52.05 0.81 -45.46	45.24 0.90 -37.70	46.87 0.85 -39.81	49.60 0.84 -42.62	42.56 0.80 -35.88	32.56 0.94 -24.80	27.59 0.98 -19.35
GLENWOOD___5 23614	20.94 1.04 -11.87	17.43 0.75 -10.51	14.46 0.75 -7.53	14.72 0.73 -7.80	14.35 0.77 -7.43	18.72 0.80 -11.53	27.40 1.02 -18.34	30.94 1.14 -20.99	34.58 1.23 -23.92	37.37 0.96 -29.29	37.15 0.89 -29.64	39.16 0.88 -31.79	38.27 0.91 -30.89	37.74 1.04 -29.22	43.05 0.92 -35.69	45.00 1.03 -36.82	52.97 1.01 -44.78	52.05 0.81 -45.46	45.24 0.90 -37.70	46.87 0.85 -39.81	49.60 0.84 -42.62	42.56 0.80 -35.88	32.56 0.94 -24.80	27.59 0.98 -19.35
GLOBAL GREEN_PORT_GT1 23814	21.70 1.81 -11.87	17.94 1.25 -10.50	14.98 1.28 -7.53	15.21 1.23 -7.80	14.89 1.31 -7.43	19.33 1.41 -11.53	28.25 1.87 -18.34	30.94 2.04 -20.08	35.36 2.26 -23.68	38.07 1.78 -29.17	37.41 1.62 -29.18	37.73 1.62 -29.62	35.67 1.66 -27.54	38.28 1.92 -28.88	40.13 1.69 -32.00	42.52 1.91 -33.45	51.62 1.93 -42.52	50.37 1.55 -43.05	42.54 1.74 -34.15	42.41 1.59 -34.61	47.19 1.57 -39.47	39.57 1.47 -32.23	32.51 1.68 -24.00	27.61 1.66 -18.68
GLOBE___DSASP 323697	12.05 -0.51 -4.53	10.27 -0.35 -4.43	9.81 -0.30 -3.93	9.80 -0.31 -3.92	10.27 -0.29 -4.42	15.54 -0.36 -9.51	18.62 -0.35 -10.94	21.24 -0.24 -12.67	22.26 -0.32 -13.16	24.18 -0.35 -17.41	25.74 -0.33 -19.45	27.18 -0.32 -21.01	27.52 -0.30 -21.35	31.87 -0.36 -24.74	31.71 -0.36 -25.63	33.37 -0.43 -26.64	36.90 -0.48 -30.20	34.99 -0.42 -29.63	30.56 -0.37 -24.29	29.38 -0.32 -23.49	30.97 -0.35 -25.17	25.77 -0.33 -20.22	19.45 -0.31 -12.94	16.52 -0.28 -9.53
GOETHSLN___LBMP 323567	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.56 0.94 -13.58	26.55 1.05 -16.69	32.11 1.14 -21.54	35.98 0.90 -27.96	36.66 0.82 -29.22	37.00 0.81 -29.70	37.11 0.85 -29.80	38.40 0.97 -29.95	39.09 0.84 -31.81	40.40 0.95 -32.29	44.67 0.90 -36.58	42.93 0.74 -36.41	37.59 0.83 -30.12	36.00 0.79 -29.00	38.10 0.77 -31.17	31.73 0.75 -25.10	29.54 0.87 -21.85	25.01 0.92 -16.82
GOODYEAR_LAKE_HYD 323669	14.55 0.43 -6.09	12.56 0.32 -6.07	11.58 0.32 -5.08	11.63 0.32 -5.12	12.00 0.32 -5.54	17.88 0.34 -11.15	21.35 0.50 -12.81	24.24 0.58 -14.85	25.49 0.65 -15.42	28.01 0.48 -20.41	29.87 0.46 -22.80	31.56 0.44 -24.63	31.84 0.45 -24.92	35.93 0.52 -27.93	36.93 0.44 -30.05	38.87 0.48 -31.24	43.08 0.49 -35.41	40.90 0.40 -34.72	35.57 0.46 -28.46	34.18 0.43 -27.53	36.09 0.43 -29.51	30.00 0.41 -23.70	22.42 0.44 -15.16	18.87 0.44 -11.17
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.10 0.22 -5.86	12.22 0.18 -5.87	11.18 0.18 -4.83	11.25 0.18 -4.88	11.54 0.18 -5.22	16.86 0.20 -10.27	20.15 0.31 -11.81	22.89 0.41 -13.68	24.06 0.43 -14.20	26.22 0.31 -18.80	27.91 0.28 -21.00	29.47 0.28 -22.70	29.73 0.29 -22.97	33.63 0.34 -25.81	34.40 0.27 -27.69	36.23 0.29 -28.78	40.08 0.27 -32.62	37.98 0.21 -31.99	33.14 0.27 -26.22	31.85 0.27 -25.37	33.60 0.26 -27.19	27.97 0.25 -21.84	21.06 0.27 -13.97	17.83 0.28 -10.29

GOUDEY___7 23579	14.10 0.22 -5.86	12.22 0.18 -5.87	11.18 0.18 -4.83	11.25 0.18 -4.88	11.54 0.18 -5.22	16.86 0.20 -10.27	20.15 0.31 -11.81	22.89 0.41 -13.68	24.06 0.43 -14.20	26.22 0.31 -18.80	27.91 0.28 -21.00	29.47 0.28 -22.70	29.73 0.29 -22.97	33.63 0.34 -25.81	34.40 0.27 -27.69	36.23 0.29 -28.78	40.08 0.27 -32.62	37.98 0.21 -31.99	33.14 0.27 -26.22	31.85 0.27 -25.37	33.60 0.26 -27.19	27.97 0.25 -21.84	21.06 0.27 -13.97	17.83 0.28 -10.29
GOUDEY___8 23580	14.10 0.22 -5.86	12.22 0.18 -5.87	11.18 0.18 -4.83	11.25 0.18 -4.88	11.54 0.18 -5.22	16.86 0.20 -10.27	20.15 0.31 -11.81	22.89 0.41 -13.68	24.06 0.43 -14.20	26.22 0.31 -18.80	27.91 0.28 -21.00	29.47 0.28 -22.70	29.73 0.29 -22.97	33.63 0.34 -25.81	34.40 0.27 -27.69	36.23 0.29 -28.78	40.08 0.27 -32.62	37.98 0.21 -31.99	33.14 0.27 -26.22	31.85 0.27 -25.37	33.60 0.26 -27.19	27.97 0.25 -21.84	21.06 0.27 -13.97	17.83 0.28 -10.29
GOWANUS_GT1_1 24077	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT1_2 24078	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT1_3 24079	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT1_4 24080	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT1_5 24084	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT1_6 24111	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT1_7 24112	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT1_8 24113	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT2_1 24114	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT2_2 24115	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT2_3 24116	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT2_4 24117	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT2_5 24118	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83

GOWANUS_GT2_6 24119	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT2_7 24120	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT2_8 24121	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT3_1 24122	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT3_2 24123	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT3_3 24124	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT3_4 24125	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT3_5 24126	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT3_6 24127	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT3_7 24128	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT3_8 24129	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT4_1 24130	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT4_2 24131	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT4_3 24132	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT4_4 24133	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83



GOWANUS_GT4_5 24134	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT4_6 24135	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT4_7 24136	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GOWANUS_GT4_8 24137	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GREENIDGE___3 23582	13.05 0.07 -4.95	11.12 0.06 -4.88	10.45 0.06 -4.21	10.47 0.06 -4.22	10.88 0.07 -4.67	16.22 0.10 -9.73	19.49 0.26 -11.19	22.18 0.41 -12.96	23.32 0.43 -13.46	25.20 0.27 -17.82	26.79 0.27 -19.90	28.13 0.26 -21.38	28.39 0.27 -21.65	32.14 0.32 -24.33	32.77 0.24 -26.09	34.52 0.25 -27.12	38.15 0.23 -30.74	36.26 0.17 -30.31	31.73 0.24 -24.85	30.36 0.25 -23.90	32.01 0.25 -25.61	26.66 0.21 -20.58	20.27 0.21 -13.24	17.20 0.18 -9.75
GREENIDGE___4 23583	13.05 0.07 -4.95	11.12 0.06 -4.88	10.45 0.06 -4.21	10.47 0.06 -4.22	10.88 0.07 -4.67	16.22 0.10 -9.73	19.49 0.26 -11.19	22.18 0.41 -12.96	23.32 0.43 -13.46	25.20 0.27 -17.82	26.79 0.27 -19.90	28.13 0.26 -21.38	28.39 0.27 -21.65	32.14 0.32 -24.33	32.77 0.24 -26.09	34.52 0.25 -27.12	38.15 0.23 -30.74	36.26 0.17 -30.31	31.73 0.24 -24.85	30.36 0.25 -23.90	32.01 0.25 -25.61	26.66 0.21 -20.58	20.27 0.21 -13.24	17.20 0.18 -9.75
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
GROVEVILLE___HYD 323602	19.08 0.94 -10.12	17.43 0.69 -10.57	14.44 0.70 -7.56	14.73 0.67 -7.87	14.32 0.69 -7.48	18.60 0.69 -11.52	22.16 0.88 -13.24	25.14 0.99 -15.34	26.48 1.12 -15.93	29.07 0.87 -21.09	30.96 0.79 -23.55	32.72 0.79 -25.45	33.03 0.81 -25.75	37.30 0.95 -28.86	38.33 0.84 -31.05	40.39 0.96 -32.27	44.70 0.94 -36.58	42.42 0.76 -35.88	36.91 0.86 -29.41	35.45 0.79 -28.45	37.40 0.77 -30.49	31.10 0.73 -24.49	23.32 0.83 -15.66	19.68 0.87 -11.54
HAMPSHIRE___PAPER_HYD 323593	10.11 -0.31 -2.40	7.95 -0.26 -2.03	7.87 -0.27 -1.97	7.85 -0.27 -1.93	8.13 -0.26 -2.25	9.88 -0.26 -3.75	12.78 -0.29 -5.03	12.12 -0.33 -3.63	12.66 -0.33 -3.57	16.17 -0.26 -9.31	17.46 -0.23 -11.07	18.18 -0.23 -11.91	18.30 -0.22 -12.05	18.19 -0.25 -10.95	19.97 -0.21 -13.75	19.56 -0.25 -12.65	20.87 -0.24 -13.93	22.16 -0.17 -16.56	19.91 -0.20 -13.46	18.76 -0.21 -12.76	20.09 -0.22 -14.15	18.53 -0.19 -12.84	14.82 -0.22 -8.21	13.09 -0.23 -6.05
HARDSCRABBLE_WT_PWR 323673	12.66 0.23 -4.40	10.50 0.17 -4.14	10.51 0.17 -4.16	10.41 0.17 -4.06	11.26 0.17 -4.95	18.56 0.18 -11.99	22.00 0.25 -13.72	25.17 0.26 -16.09	26.46 0.30 -16.73	29.08 0.23 -21.73	31.06 0.23 -24.22	32.88 0.22 -26.16	33.15 0.21 -26.48	37.61 0.22 -29.90	38.60 0.17 -31.99	40.72 0.16 -33.40	45.24 0.17 -37.89	42.82 0.13 -36.91	37.06 0.15 -30.26	35.65 0.14 -29.30	37.66 0.16 -31.35	31.12 0.19 -25.05	23.08 0.22 -16.03	19.31 0.23 -11.81
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.62 0.84 -9.76	16.96 0.61 -10.17	14.13 0.61 -7.34	14.46 0.61 -7.67	14.10 0.62 -7.34	18.52 0.63 -11.50	22.06 0.81 -13.22	25.01 0.91 -15.29	26.24 1.01 -15.81	28.84 0.79 -20.94	30.76 0.72 -23.42	32.54 0.71 -25.33	32.90 0.74 -25.69	37.15 0.86 -28.80	38.20 0.76 -31.01	40.24 0.85 -32.23	44.54 0.83 -36.53	42.26 0.67 -35.82	36.75 0.76 -29.35	35.32 0.71 -28.40	37.27 0.69 -30.43	30.98 0.66 -24.44	23.11 0.76 -15.53	19.49 0.79 -11.43
HARZA MOOSE___RIVER 24016	11.89 0.06 -3.80	9.75 0.03 -3.54	9.67 0.02 -3.47	9.61 0.02 -3.40	10.23 0.02 -4.07	15.67 0.03 -9.25	18.94 0.11 -10.79	20.98 0.15 -12.02	22.04 0.18 -12.44	24.71 0.12 -17.47	26.41 0.13 -19.66	27.84 0.12 -21.23	28.07 0.12 -21.48	31.16 0.16 -23.52	32.29 0.12 -25.73	33.67 0.13 -26.39	37.14 0.14 -29.82	35.79 0.13 -29.88	31.27 0.16 -24.47	29.95 0.13 -23.61	31.68 0.12 -25.41	26.73 0.12 -20.73	20.19 0.10 -13.26	17.12 0.08 -9.77
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.74 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
HEMPSTEAD____ 23647	20.96 1.06 -11.87	17.44 0.75 -10.51	14.47 0.76 -7.53	14.72 0.74 -7.80	14.36 0.78 -7.43	18.74 0.81 -11.53	27.42 1.04 -18.34	31.11 1.15 -21.14	34.64 1.25 -23.96	37.40 0.98 -29.31	37.20 0.89 -29.69	39.39 0.87 -32.03	38.62 0.90 -31.25	37.77 1.03 -29.26	43.44 0.91 -36.09	45.36 1.02 -37.18	53.21 1.00 -45.03	52.31 0.81 -45.73	45.62 0.89 -38.08	47.43 0.84 -40.38	49.94 0.83 -42.96	42.96 0.80 -36.28	32.67 0.95 -24.89	27.72 1.00 -19.45
HICKLING___1 23621	13.68 0.30 -5.35	11.75 0.25 -5.32	10.92 0.25 -4.49	10.95 0.24 -4.52	11.32 0.26 -4.91	16.66 0.30 -9.97	20.00 0.50 -11.47	22.76 0.67 -13.28	23.94 0.72 -13.80	25.86 0.48 -18.26	27.48 0.46 -20.40	29.00 0.45 -22.06	29.27 0.47 -22.33	33.18 0.55 -25.15	33.78 0.42 -26.91	35.57 0.44 -27.97	39.30 0.41 -31.71	37.15 0.31 -31.06	32.52 0.41 -25.46	31.29 0.42 -24.66	33.00 0.42 -26.43	27.50 0.39 -21.23	20.82 0.43 -13.56	17.68 0.42 -9.99

HICKLING___2 23622	13.68 0.30 -5.35	11.75 0.25 -5.32	10.92 0.25 -4.49	10.95 0.24 -4.52	11.32 0.26 -4.91	16.66 0.30 -9.97	20.00 0.50 -11.47	22.76 0.67 -13.28	23.94 0.72 -13.80	25.86 0.48 -18.26	27.48 0.46 -20.40	29.00 0.45 -22.06	29.27 0.47 -22.33	33.18 0.55 -25.15	33.78 0.42 -26.91	35.57 0.44 -27.97	39.30 0.41 -31.71	37.15 0.31 -31.06	32.52 0.41 -25.46	31.29 0.42 -24.66	33.00 0.42 -26.43	27.50 0.39 -21.23	20.82 0.43 -13.56	17.68 0.42 -9.99
HIGH FALLS___HY 23754	18.90 0.87 -10.01	17.25 0.63 -10.44	14.31 0.64 -7.50	14.61 0.62 -7.80	14.22 0.64 -7.43	18.55 0.65 -11.51	22.12 0.85 -13.23	25.10 0.96 -15.33	26.44 1.09 -15.92	29.03 0.84 -21.07	30.93 0.76 -23.54	32.68 0.75 -25.44	32.98 0.78 -25.74	37.22 0.89 -28.85	38.26 0.79 -31.03	40.31 0.89 -32.26	44.62 0.88 -36.56	42.35 0.72 -35.86	36.85 0.81 -29.39	35.40 0.76 -28.43	37.36 0.74 -30.47	31.06 0.71 -24.48	23.28 0.80 -15.66	19.63 0.83 -11.53
HILLBURN___GT 23639	18.66 0.85 -9.78	16.99 0.62 -10.20	14.16 0.62 -7.36	14.50 0.62 -7.69	14.13 0.63 -7.36	18.54 0.65 -11.50	22.09 0.84 -13.22	25.04 0.93 -15.29	26.25 1.03 -15.80	28.85 0.80 -20.93	30.76 0.73 -23.41	32.55 0.73 -25.33	32.92 0.76 -25.69	37.16 0.87 -28.80	38.21 0.77 -31.01	40.24 0.85 -32.23	44.55 0.83 -36.54	42.27 0.67 -35.82	36.76 0.76 -29.36	35.33 0.71 -28.40	37.28 0.70 -30.43	31.00 0.67 -24.45	23.12 0.78 -15.52	19.50 0.81 -11.42
HISHELDN_WT_PWR 323625	12.34 -0.26 -4.57	10.49 -0.16 -4.47	10.01 -0.12 -3.96	10.00 -0.14 -3.95	10.47 -0.12 -4.44	15.77 -0.15 -9.53	18.94 -0.06 -10.96	21.63 0.12 -12.69	22.70 0.09 -13.19	24.54 -0.03 -17.45	26.09 -0.03 -19.49	27.53 -0.01 -21.05	27.90 0.01 -21.42	32.57 0.00 -25.08	32.07 -0.06 -25.69	33.76 -0.10 -26.70	37.29 -0.16 -30.26	35.31 -0.16 -29.69	30.92 -0.07 -24.34	29.71 -0.03 -23.54	31.31 -0.06 -25.22	26.08 -0.06 -20.26	19.76 -0.03 -12.96	16.80 -0.02 -9.55
HOLTSVILLE_IC_1 23690	21.12 1.23 -11.87	17.52 0.84 -10.50	14.55 0.85 -7.53	14.80 0.81 -7.80	14.45 0.87 -7.43	18.86 0.94 -11.53	27.59 1.21 -18.34	30.17 1.29 -20.08	34.51 1.40 -23.68	37.38 1.10 -29.17	36.76 0.97 -29.17	37.07 0.97 -29.61	34.98 0.99 -27.52	37.46 1.10 -28.88	39.40 0.98 -31.98	41.71 1.12 -33.43	50.76 1.08 -42.50	49.69 0.88 -43.03	41.74 0.96 -34.13	41.70 0.91 -34.58	46.49 0.89 -39.45	38.95 0.86 -32.21	31.87 1.04 -24.00	27.02 1.08 -18.68
HOLTSVILLE_IC_10 23699	21.17 1.28 -11.87	17.55 0.87 -10.50	14.59 0.88 -7.53	14.83 0.85 -7.80	14.48 0.90 -7.43	18.90 0.98 -11.53	27.65 1.27 -18.34	30.26 1.35 -20.10	34.58 1.47 -23.68	37.44 1.15 -29.17	36.83 1.02 -29.18	37.17 1.02 -29.66	35.11 1.05 -27.60	37.53 1.16 -28.89	39.55 1.04 -32.07	41.85 1.18 -33.51	50.87 1.13 -42.56	49.79 0.92 -43.09	41.88 1.02 -34.21	41.87 0.96 -34.70	46.60 0.93 -39.52	39.08 0.91 -32.29	31.94 1.10 -24.02	27.09 1.13 -18.69
HOLTSVILLE_IC_2 23691	21.12 1.23 -11.87	17.52 0.84 -10.50	14.55 0.85 -7.53	14.80 0.81 -7.80	14.45 0.87 -7.43	18.86 0.94 -11.53	27.59 1.21 -18.34	30.17 1.29 -20.08	34.51 1.40 -23.68	37.38 1.10 -29.17	36.76 0.97 -29.17	37.07 0.97 -29.61	34.98 0.99 -27.52	37.46 1.10 -28.88	39.40 0.98 -31.98	41.71 1.12 -33.43	50.76 1.08 -42.50	49.69 0.88 -43.03	41.74 0.96 -34.13	41.70 0.91 -34.58	46.49 0.89 -39.45	38.95 0.86 -32.21	31.87 1.04 -24.00	27.02 1.08 -18.68
HOLTSVILLE_IC_3 23692	21.12 1.23 -11.87	17.52 0.84 -10.50	14.55 0.85 -7.53	14.80 0.81 -7.80	14.45 0.87 -7.43	18.86 0.94 -11.53	27.59 1.21 -18.34	30.17 1.29 -20.08	34.51 1.40 -23.68	37.38 1.10 -29.17	36.76 0.97 -29.17	37.07 0.97 -29.61	34.98 0.99 -27.52	37.46 1.10 -28.88	39.40 0.98 -31.98	41.71 1.12 -33.43	50.76 1.08 -42.50	49.69 0.88 -43.03	41.74 0.96 -34.13	41.70 0.91 -34.58	46.49 0.89 -39.45	38.95 0.86 -32.21	31.87 1.04 -24.00	27.02 1.08 -18.68
HOLTSVILLE_IC_4 23693	21.12 1.23 -11.87	17.52 0.84 -10.50	14.55 0.85 -7.53	14.80 0.81 -7.80	14.45 0.87 -7.43	18.86 0.94 -11.53	27.59 1.21 -18.34	30.17 1.29 -20.08	34.51 1.40 -23.68	37.38 1.10 -29.17	36.76 0.97 -29.17	37.07 0.97 -29.61	34.98 0.99 -27.52	37.46 1.10 -28.88	39.40 0.98 -31.98	41.71 1.12 -33.43	50.76 1.08 -42.50	49.69 0.88 -43.03	41.74 0.96 -34.13	41.70 0.91 -34.58	46.49 0.89 -39.45	38.95 0.86 -32.21	31.87 1.04 -24.00	27.02 1.08 -18.68
HOLTSVILLE_IC_5 23694	21.12 1.23 -11.87	17.52 0.84 -10.50	14.55 0.85 -7.53	14.80 0.81 -7.80	14.45 0.87 -7.43	18.86 0.94 -11.53	27.59 1.21 -18.34	30.17 1.29 -20.08	34.51 1.40 -23.68	37.38 1.10 -29.17	36.76 0.97 -29.17	37.07 0.97 -29.61	34.98 0.99 -27.52	37.46 1.10 -28.88	39.40 0.98 -31.98	41.71 1.12 -33.43	50.76 1.08 -42.50	49.69 0.88 -43.03	41.74 0.96 -34.13	41.70 0.91 -34.58	46.49 0.89 -39.45	38.95 0.86 -32.21	31.87 1.04 -24.00	27.02 1.08 -18.68
HOLTSVILLE_IC_6 23695	21.17 1.28 -11.87	17.55 0.87 -10.50	14.59 0.88 -7.53	14.83 0.85 -7.80	14.48 0.90 -7.43	18.90 0.98 -11.53	27.65 1.27 -18.34	30.26 1.35 -20.10	34.58 1.47 -23.68	37.44 1.15 -29.17	36.83 1.02 -29.18	37.17 1.02 -29.66	35.11 1.05 -27.60	37.53 1.16 -28.89	39.55 1.04 -32.07	41.85 1.18 -33.51	50.87 1.13 -42.56	49.79 0.92 -43.09	41.88 1.02 -34.21	41.87 0.96 -34.70	46.60 0.93 -39.52	39.08 0.91 -32.29	31.94 1.10 -24.02	27.09 1.13 -18.69
HOLTSVILLE_IC_7 23696	21.17 1.28 -11.87	17.55 0.87 -10.50	14.59 0.88 -7.53	14.83 0.85 -7.80	14.48 0.90 -7.43	18.90 0.98 -11.53	27.65 1.27 -18.34	30.26 1.35 -20.10	34.58 1.47 -23.68	37.44 1.15 -29.17	36.83 1.02 -29.18	37.17 1.02 -29.66	35.11 1.05 -27.60	37.53 1.16 -28.89	39.55 1.04 -32.07	41.85 1.18 -33.51	50.87 1.13 -42.56	49.79 0.92 -43.09	41.88 1.02 -34.21	41.87 0.96 -34.70	46.60 0.93 -39.52	39.08 0.91 -32.29	31.94 1.10 -24.02	27.09 1.13 -18.69
HOLTSVILLE_IC_8 23697	21.17 1.28 -11.87	17.55 0.87 -10.50	14.59 0.88 -7.53	14.83 0.85 -7.80	14.48 0.90 -7.43	18.90 0.98 -11.53	27.65 1.27 -18.34	30.26 1.35 -20.10	34.58 1.47 -23.68	37.44 1.15 -29.17	36.83 1.02 -29.18	37.17 1.02 -29.66	35.11 1.05 -27.60	37.53 1.16 -28.89	39.55 1.04 -32.07	41.85 1.18 -33.51	50.87 1.13 -42.56	49.79 0.92 -43.09	41.88 1.02 -34.21	41.87 0.96 -34.70	46.60 0.93 -39.52	39.08 0.91 -32.29	31.94 1.10 -24.02	27.09 1.13 -18.69
HOLTSVILLE_IC_9 23698	21.17 1.28 -11.87	17.55 0.87 -10.50	14.59 0.88 -7.53	14.83 0.85 -7.80	14.48 0.90 -7.43	18.90 0.98 -11.53	27.65 1.27 -18.34	30.26 1.35 -20.10	34.58 1.47 -23.68	37.44 1.15 -29.17	36.83 1.02 -29.18	37.17 1.02 -29.66	35.11 1.05 -27.60	37.53 1.16 -28.89	39.55 1.04 -32.07	41.85 1.18 -33.51	50.87 1.13 -42.56	49.79 0.92 -43.09	41.88 1.02 -34.21	41.87 0.96 -34.70	46.60 0.93 -39.52	39.08 0.91 -32.29	31.94 1.10 -24.02	27.09 1.13 -18.69
HOWARD_WT_PWR 323690	13.47 0.37 -5.08	11.49 0.29 -5.02	10.76 0.28 -4.30	10.78 0.27 -4.32	11.18 0.29 -4.75	16.56 0.35 -9.81	19.92 0.59 -11.28	22.69 0.81 -13.07	23.88 0.88 -13.58	25.68 0.60 -17.97	27.27 0.57 -20.07	28.74 0.55 -21.70	29.03 0.58 -21.98	33.02 0.67 -24.87	33.43 0.52 -26.47	35.20 0.53 -27.52	38.87 0.50 -31.19	36.73 0.38 -30.58	32.19 0.48 -25.06	30.96 0.49 -24.26	32.63 0.49 -25.99	27.19 0.43 -20.88	20.64 0.46 -13.35	17.55 0.45 -9.84

HQ_GEN_CEDARS 23644	8.65 -0.39 -1.01	6.39 -0.31 -0.53	6.39 -0.31 -0.53	6.39 -0.30 -0.51	6.39 -0.29 -0.53	4.73 -0.29 1.38	7.39 -0.36 0.29	4.12 -0.43 4.26	4.19 -0.45 4.79	8.64 -0.33 -1.85	9.59 -0.30 -3.26	9.64 -0.30 -3.45	9.65 -0.30 -3.49	6.48 -0.35 0.65	8.95 -0.30 -2.80	6.82 -0.33 0.01	6.11 -0.32 0.75	9.96 -0.25 -4.43	9.78 -0.30 -3.44	8.78 -0.29 -2.86	9.79 -0.28 -3.92	11.39 -0.27 -5.77	10.22 -0.30 -3.69	9.65 -0.33 -2.72
HQ_GEN_CEDARS_PROXY 323590	8.65 -0.39 -1.01	6.39 -0.31 -0.53	6.39 -0.31 -0.53	6.39 -0.30 -0.51	6.39 -0.29 -0.53	4.73 -0.29 1.38	7.39 -0.36 0.29	4.36 -0.43 4.02	3.95 -0.45 5.03	8.64 -0.33 -1.85	9.59 -0.30 -3.26	9.64 -0.30 -3.45	9.65 -0.30 -3.49	6.48 -0.35 0.65	8.95 -0.30 -2.80	6.82 -0.33 0.01	6.11 -0.32 0.75	9.96 -0.25 -4.43	9.47 -0.30 -3.13	9.09 -0.29 -3.17	9.79 -0.28 -3.92	11.39 -0.27 -5.77	10.22 -0.30 -3.69	9.65 -0.33 -2.72
HQ_GEN_IMPORT 323601	8.28 -0.19 -0.45	6.33 -0.15 -0.31	6.33 -0.15 -0.31	6.33 -0.15 -0.30	6.33 -0.15 -0.34	6.33 -0.16 -0.10	8.28 -0.22 -0.46	8.28 -0.25 0.29	8.28 -0.26 0.88	8.28 -0.19 -1.36	8.28 -0.18 -1.84	8.28 -0.17 -1.96	8.28 -0.17 -1.99	8.28 -0.20 -1.00	8.28 -0.17 -2.02	8.28 -0.19 -1.31	8.28 -0.19 -1.28	8.28 -0.15 -2.65	8.28 -0.17 -1.81	8.28 -0.17 -2.24	8.28 -0.17 -2.30	8.28 -0.15 -2.55	8.28 -0.18 -1.63	8.28 -0.19 -1.20
HQ_GEN_WHEEL 23651	8.28 -0.19 -0.45	6.33 -0.15 -0.31	6.33 -0.15 -0.31	6.33 -0.15 -0.30	6.33 -0.15 -0.34	6.33 -0.16 -0.10	8.28 -0.22 -0.46	8.28 -0.25 0.29	8.28 -0.26 0.88	8.28 -0.19 -1.36	8.28 -0.18 -1.84	8.28 -0.17 -1.96	8.28 -0.17 -1.99	8.28 -0.20 -1.00	8.28 -0.17 -2.02	8.28 -0.19 -1.31	8.28 -0.19 -1.28	8.28 -0.15 -2.65	8.28 -0.17 -1.81	8.28 -0.17 -2.24	8.28 -0.17 -2.30	8.28 -0.15 -2.55	8.28 -0.18 -1.63	8.28 -0.19 -1.20
HUDSON AVE_GT_3 23810	19.09 1.00 -10.06	17.41 0.72 -10.50	14.43 0.72 -7.53	14.70 0.71 -7.80	14.31 0.72 -7.44	18.67 0.75 -11.53	22.58 0.96 -13.58	26.58 1.07 -16.69	32.14 1.18 -21.54	36.00 0.92 -27.96	36.23 0.84 -28.76	36.59 0.84 -29.26	37.13 0.87 -29.80	38.43 0.99 -29.95	39.11 0.86 -31.81	40.43 0.97 -32.29	44.70 0.93 -36.58	42.95 0.76 -36.41	37.61 0.85 -30.12	36.02 0.81 -29.00	38.11 0.79 -31.17	31.75 0.76 -25.10	29.56 0.89 -21.85	25.02 0.93 -16.82
HUDSON AVE_GT_4 23540	19.09 1.00 -10.06	17.41 0.72 -10.50	14.43 0.72 -7.53	14.70 0.71 -7.80	14.31 0.72 -7.44	18.67 0.75 -11.53	22.58 0.96 -13.58	26.58 1.07 -16.69	32.14 1.18 -21.54	36.00 0.92 -27.96	36.23 0.84 -28.76	36.59 0.84 -29.26	37.13 0.87 -29.80	38.43 0.99 -29.95	39.11 0.86 -31.81	40.43 0.97 -32.29	44.70 0.93 -36.58	42.95 0.76 -36.41	37.61 0.85 -30.12	36.02 0.81 -29.00	38.11 0.79 -31.17	31.75 0.76 -25.10	29.56 0.89 -21.85	25.02 0.93 -16.82
HUDSON AVE_GT_5 23657	19.09 1.00 -10.06	17.41 0.72 -10.50	14.43 0.72 -7.53	14.70 0.71 -7.80	14.31 0.72 -7.44	18.67 0.75 -11.53	22.58 0.96 -13.58	26.58 1.07 -16.69	32.14 1.18 -21.54	36.00 0.92 -27.96	36.23 0.84 -28.76	36.59 0.84 -29.26	37.13 0.87 -29.80	38.43 0.99 -29.95	39.11 0.86 -31.81	40.43 0.97 -32.29	44.70 0.93 -36.58	42.95 0.76 -36.41	37.61 0.85 -30.12	36.02 0.81 -29.00	38.11 0.79 -31.17	31.75 0.76 -25.10	29.56 0.89 -21.85	25.02 0.93 -16.82
HUDSON_AVE_10 24168	19.07 0.99 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.55 0.93 -13.58	26.55 1.05 -16.69	32.12 1.15 -21.54	35.98 0.90 -27.96	32.92 0.81 -25.48	33.33 0.81 -26.02	37.10 0.84 -29.79	38.40 0.96 -29.95	39.08 0.84 -31.81	40.40 0.94 -32.29	44.68 0.91 -36.58	42.93 0.74 -36.41	37.58 0.82 -30.12	35.99 0.78 -29.00	38.09 0.77 -31.17	31.72 0.74 -25.10	29.54 0.87 -21.85	25.01 0.92 -16.82
HUNTER MOUNT___DRP 323613	19.09 0.71 -10.35	17.56 0.54 -10.83	14.43 0.55 -7.71	14.76 0.54 -8.03	14.29 0.55 -7.59	18.46 0.54 -11.53	21.92 0.63 -13.25	24.77 0.61 -15.35	26.09 0.72 -15.95	28.76 0.54 -21.10	30.68 0.48 -23.58	32.44 0.47 -25.47	32.74 0.49 -25.78	36.96 0.59 -28.89	38.06 0.54 -31.08	40.09 0.63 -32.30	44.44 0.64 -36.62	42.21 0.53 -35.91	36.67 0.59 -29.43	35.20 0.52 -28.48	37.17 0.51 -30.51	30.86 0.47 -24.51	23.04 0.54 -15.68	19.42 0.60 -11.55
HUNTINGTON_RES_REC 323705	21.04 1.15 -11.87	17.49 0.80 -10.50	14.52 0.81 -7.53	14.76 0.77 -7.80	14.41 0.83 -7.43	18.81 0.88 -11.53	27.51 1.13 -18.34	30.15 1.24 -20.10	34.44 1.33 -23.68	37.31 1.02 -29.17	36.71 0.90 -29.19	37.05 0.90 -29.66	35.00 0.92 -27.60	37.40 1.03 -28.89	39.44 0.93 -32.07	41.73 1.05 -33.52	50.76 1.01 -42.56	49.70 0.83 -43.09	41.77 0.91 -34.22	41.78 0.86 -34.71	46.52 0.84 -39.53	38.99 0.81 -32.30	31.86 1.02 -24.02	27.04 1.08 -18.70
HUNTLEY___63 23557	12.31 -0.26 -4.55	10.47 -0.16 -4.45	10.01 -0.12 -3.95	9.99 -0.13 -3.94	10.46 -0.11 -4.43	15.76 -0.15 -9.52	18.92 -0.06 -10.95	21.58 0.09 -12.68	22.64 0.05 -13.17	24.48 -0.06 -17.43	26.04 -0.06 -19.47	27.48 -0.05 -21.03	27.84 -0.02 -21.39	32.39 -0.04 -24.94	32.01 -0.09 -25.66	33.69 -0.14 -26.67	37.22 -0.19 -30.23	35.25 -0.19 -29.66	30.89 -0.07 -24.31	29.68 -0.04 -23.51	31.27 -0.07 -25.19	26.04 -0.08 -20.24	19.74 -0.03 -12.95	16.78 -0.03 -9.54
HUNTLEY___64 23558	12.31 -0.26 -4.55	10.47 -0.16 -4.45	10.01 -0.12 -3.95	9.99 -0.13 -3.94	10.46 -0.11 -4.43	15.76 -0.15 -9.52	18.92 -0.06 -10.95	21.58 0.09 -12.68	22.64 0.05 -13.17	24.48 -0.06 -17.43	26.04 -0.06 -19.47	27.48 -0.05 -21.03	27.84 -0.02 -21.39	32.39 -0.04 -24.94	32.01 -0.09 -25.66	33.69 -0.14 -26.67	37.22 -0.19 -30.23	35.25 -0.19 -29.66	30.89 -0.07 -24.31	29.68 -0.04 -23.51	31.27 -0.07 -25.19	26.04 -0.08 -20.24	19.74 -0.03 -12.95	16.78 -0.03 -9.54
HUNTLEY___65 23559	12.31 -0.26 -4.55	10.47 -0.16 -4.45	10.01 -0.12 -3.95	9.99 -0.13 -3.94	10.46 -0.11 -4.43	15.76 -0.15 -9.52	18.92 -0.06 -10.95	21.58 0.09 -12.68	22.64 0.05 -13.17	24.48 -0.06 -17.43	26.04 -0.06 -19.47	27.48 -0.05 -21.03	27.84 -0.02 -21.39	32.39 -0.04 -24.94	32.01 -0.09 -25.66	33.69 -0.14 -26.67	37.22 -0.19 -30.23	35.25 -0.19 -29.66	30.89 -0.07 -24.31	29.68 -0.04 -23.51	31.27 -0.07 -25.19	26.04 -0.08 -20.24	19.74 -0.03 -12.95	16.78 -0.03 -9.54
HUNTLEY___66 23560	12.31 -0.26 -4.55	10.47 -0.16 -4.45	10.01 -0.12 -3.95	9.99 -0.13 -3.94	10.46 -0.11 -4.43	15.76 -0.15 -9.52	18.92 -0.06 -10.95	21.58 0.09 -12.68	22.64 0.05 -13.17	24.48 -0.06 -17.43	26.04 -0.06 -19.47	27.48 -0.05 -21.03	27.84 -0.02 -21.39	32.39 -0.04 -24.94	32.01 -0.09 -25.66	33.69 -0.14 -26.67	37.22 -0.19 -30.23	35.25 -0.19 -29.66	30.89 -0.07 -24.31	29.68 -0.04 -23.51	31.27 -0.07 -25.19	26.04 -0.08 -20.24	19.74 -0.03 -12.95	16.78 -0.03 -9.54
HUNTLEY___67 23561	12.25 -0.33 -4.56	10.42 -0.22 -4.46	9.94 -0.19 -3.95	9.94 -0.19 -3.94	10.41 -0.17 -4.43	15.70 -0.21 -9.52	18.84 -0.14 -10.95	21.52 0.02 -12.69	22.58 -0.02 -13.18	24.44 -0.11 -17.44	25.99 -0.11 -19.48	27.43 -0.10 -21.04	27.91 -0.07 -21.52	33.55 -0.10 -26.16	31.96 -0.14 -25.67	33.65 -0.19 -26.68	37.18 -0.24 -30.24	35.22 -0.23 -29.67	30.81 -0.15 -24.32	29.62 -0.11 -23.52	31.21 -0.14 -25.20	25.99 -0.14 -20.25	19.67 -0.11 -12.95	16.71 -0.10 -9.54

HUNTLEY___68 23562	12.25 -0.34 -4.56	10.42 -0.22 -4.46	9.94 -0.19 -3.95	9.94 -0.19 -3.94	10.40 -0.18 -4.43	15.70 -0.22 -9.52	18.83 -0.15 -10.95	21.51 0.01 -12.69	22.57 -0.03 -13.18	24.43 -0.12 -17.44	25.99 -0.11 -19.48	27.43 -0.10 -21.04	27.91 -0.08 -21.52	33.54 -0.10 -26.16	31.96 -0.15 -25.67	33.65 -0.19 -26.68	37.17 -0.25 -30.24	35.22 -0.23 -29.67	30.81 -0.16 -24.32	29.62 -0.11 -23.52	31.21 -0.15 -25.20	25.99 -0.14 -20.25	19.66 -0.12 -12.95	16.71 -0.10 -9.54
HYLAND___LFGE 323620	13.01 0.16 -4.82	11.06 0.14 -4.74	10.44 0.14 -4.13	10.45 0.13 -4.13	10.88 0.15 -4.59	16.25 0.20 -9.67	19.61 0.46 -11.11	22.33 0.64 -12.88	23.52 0.73 -13.37	25.28 0.46 -17.70	26.84 0.45 -19.77	28.29 0.45 -21.35	28.57 0.49 -21.61	32.37 0.56 -24.32	32.92 0.44 -26.05	34.70 0.47 -27.07	38.32 0.45 -30.69	36.24 0.35 -30.11	31.78 0.45 -24.68	30.53 0.46 -23.87	32.17 0.44 -25.57	26.80 0.38 -20.54	20.35 0.38 -13.15	17.29 0.33 -9.69
INDECK___CORINTH 23802	20.04 0.71 -11.31	18.64 0.54 -11.93	15.02 0.54 -8.31	15.41 0.53 -8.69	14.75 0.55 -8.06	18.70 0.57 -11.74	22.17 0.70 -13.44	25.27 0.71 -15.75	26.47 0.67 -16.38	28.92 0.52 -21.29	30.83 0.48 -23.72	32.57 0.45 -25.64	32.86 0.45 -25.94	37.30 0.53 -29.29	38.25 0.47 -31.34	40.41 0.54 -32.72	44.85 0.55 -37.12	42.39 0.46 -36.16	36.81 0.52 -29.65	35.39 0.47 -28.71	37.37 0.50 -30.72	30.89 0.45 -24.55	23.11 0.58 -15.70	19.46 0.62 -11.57
INDECK___ILION 23567	12.60 0.18 -4.40	10.46 0.14 -4.14	10.47 0.14 -4.16	10.38 0.13 -4.06	11.22 0.13 -4.95	18.52 0.14 -11.99	21.94 0.18 -13.72	25.10 0.20 -16.09	26.38 0.23 -16.73	29.02 0.17 -21.73	31.00 0.16 -24.22	32.81 0.16 -26.16	33.09 0.15 -26.48	37.55 0.16 -29.90	38.57 0.14 -31.99	40.70 0.14 -33.40	45.22 0.14 -37.89	42.80 0.12 -36.91	37.04 0.13 -30.26	35.63 0.12 -29.30	37.63 0.13 -31.35	31.08 0.14 -25.05	23.02 0.16 -16.03	19.24 0.17 -11.81
INDECK___OLEAN 23982	13.03 0.21 -4.80	11.09 0.19 -4.72	10.50 0.21 -4.11	10.50 0.20 -4.12	10.95 0.23 -4.58	16.30 0.26 -9.66	19.60 0.46 -11.11	22.42 0.74 -12.87	23.58 0.79 -13.36	25.32 0.51 -17.69	26.86 0.48 -19.76	28.31 0.47 -21.35	28.66 0.50 -21.69	33.17 0.56 -25.12	32.89 0.41 -26.05	34.61 0.38 -27.07	38.19 0.32 -30.69	36.09 0.21 -30.09	31.67 0.36 -24.67	30.49 0.42 -23.87	32.12 0.39 -25.57	26.80 0.37 -20.54	20.40 0.43 -13.14	17.37 0.42 -9.68
INDECK___OSWEGO 23783	11.75 -0.14 -3.86	9.80 -0.11 -3.72	9.50 -0.11 -3.43	9.48 -0.11 -3.40	9.97 -0.10 -3.93	15.05 -0.11 -8.77	17.87 -0.09 -9.92	20.12 -0.06 -11.37	21.16 -0.07 -11.80	22.91 -0.07 -15.87	24.33 -0.06 -17.76	25.62 -0.06 -19.19	25.83 -0.05 -19.41	29.05 -0.05 -21.62	29.74 -0.06 -23.37	31.28 -0.07 -24.20	34.51 -0.07 -27.40	32.76 -0.06 -27.04	28.74 -0.06 -22.16	27.57 -0.06 -21.42	29.07 -0.06 -22.98	24.36 -0.06 -18.54	18.60 -0.08 -11.86	15.90 -0.10 -8.74
INDECK___YERKES 23781	12.32 -0.26 -4.55	10.48 -0.15 -4.45	10.01 -0.11 -3.95	10.00 -0.12 -3.94	10.47 -0.10 -4.43	15.76 -0.15 -9.52	18.93 -0.06 -10.95	21.58 0.09 -12.68	22.65 0.06 -13.17	24.49 -0.06 -17.43	26.04 -0.05 -19.47	27.48 -0.04 -21.03	27.84 -0.01 -21.39	32.40 -0.03 -24.94	32.01 -0.08 -25.66	33.70 -0.13 -26.67	37.23 -0.19 -30.23	35.26 -0.18 -29.66	30.90 -0.05 -24.31	29.69 -0.02 -23.51	31.28 -0.07 -25.19	26.06 -0.06 -20.24	19.75 -0.03 -12.95	16.79 -0.01 -9.54
INDIAN POINT_GT_1 24139	18.88 0.84 -10.01	17.24 0.61 -10.45	14.29 0.61 -7.50	14.57 0.60 -7.78	14.18 0.62 -7.42	18.54 0.63 -11.51	22.08 0.82 -13.22	25.01 0.91 -15.29	26.15 0.99 -15.74	28.76 0.78 -20.87	30.69 0.72 -23.36	32.49 0.71 -25.30	32.90 0.74 -25.69	37.13 0.84 -28.81	38.21 0.74 -31.03	40.24 0.83 -32.26	44.55 0.80 -36.56	42.27 0.65 -35.84	36.74 0.73 -29.37	35.32 0.70 -28.42	37.27 0.68 -30.45	30.99 0.65 -24.46	23.04 0.76 -15.45	19.42 0.79 -11.36
INDIAN POINT_GT_2 23659	18.88 0.84 -10.01	17.24 0.61 -10.45	14.29 0.61 -7.50	14.57 0.60 -7.78	14.18 0.62 -7.42	18.54 0.63 -11.51	22.08 0.82 -13.22	25.01 0.91 -15.29	26.15 0.99 -15.74	28.76 0.78 -20.87	30.69 0.72 -23.36	32.49 0.71 -25.30	32.90 0.74 -25.69	37.13 0.84 -28.81	38.21 0.74 -31.03	40.24 0.83 -32.26	44.55 0.80 -36.56	42.27 0.65 -35.84	36.74 0.73 -29.37	35.32 0.70 -28.42	37.27 0.68 -30.45	30.99 0.65 -24.46	23.04 0.76 -15.45	19.42 0.79 -11.36
INDIAN POINT_GT_3 24019	18.88 0.84 -10.01	17.24 0.61 -10.45	14.29 0.61 -7.50	14.57 0.60 -7.78	14.18 0.62 -7.42	18.54 0.63 -11.51	22.08 0.82 -13.22	25.01 0.91 -15.29	26.15 0.99 -15.74	28.76 0.78 -20.87	30.69 0.72 -23.36	32.49 0.71 -25.30	32.90 0.74 -25.69	37.13 0.84 -28.81	38.21 0.74 -31.03	40.24 0.83 -32.26	44.55 0.80 -36.56	42.27 0.65 -35.84	36.74 0.73 -29.37	35.32 0.70 -28.42	37.27 0.68 -30.45	30.99 0.65 -24.46	23.04 0.76 -15.45	19.42 0.79 -11.36
INDIAN POINT___2 23530	18.76 0.82 -9.91	17.11 0.59 -10.34	14.21 0.59 -7.44	14.52 0.59 -7.75	14.14 0.60 -7.40	18.52 0.62 -11.51	22.05 0.80 -13.22	24.99 0.89 -15.28	26.14 0.97 -15.74	28.74 0.76 -20.87	30.67 0.70 -23.35	32.47 0.69 -25.29	32.88 0.72 -25.69	37.10 0.82 -28.80	38.18 0.72 -31.03	40.21 0.81 -32.25	44.52 0.78 -36.55	42.24 0.63 -35.83	36.72 0.71 -29.36	35.29 0.67 -28.41	37.25 0.66 -30.44	30.97 0.64 -24.45	23.02 0.74 -15.45	19.41 0.78 -11.36
INDIAN POINT___3 23531	18.93 0.83 -10.08	17.31 0.60 -10.53	14.32 0.60 -7.54	14.55 0.58 -7.78	14.16 0.60 -7.42	18.52 0.61 -11.52	22.05 0.79 -13.22	24.97 0.87 -15.29	26.13 0.95 -15.75	28.74 0.75 -20.88	30.67 0.68 -23.37	32.48 0.68 -25.30	32.87 0.71 -25.70	37.11 0.81 -28.81	38.18 0.71 -31.03	40.21 0.79 -32.26	44.51 0.77 -36.56	42.24 0.62 -35.84	36.71 0.70 -29.37	35.29 0.66 -28.42	37.24 0.65 -30.45	30.96 0.62 -24.46	23.02 0.73 -15.46	19.40 0.76 -11.37
IP CORINTH___1 23988	20.04 0.71 -11.31	18.64 0.54 -11.93	15.02 0.54 -8.31	15.41 0.53 -8.69	14.75 0.55 -8.06	18.70 0.57 -11.74	22.17 0.70 -13.44	25.27 0.71 -15.75	26.47 0.67 -16.38	28.92 0.52 -21.29	30.83 0.48 -23.72	32.57 0.45 -25.64	32.86 0.45 -25.94	37.30 0.53 -29.29	38.25 0.47 -31.34	40.41 0.54 -32.72	44.85 0.55 -37.12	42.39 0.46 -36.16	36.81 0.52 -29.65	35.39 0.47 -28.71	37.37 0.50 -30.72	30.89 0.45 -24.55	23.11 0.58 -15.70	19.46 0.62 -11.57
IP___TICONDEROGA 23804	20.02 0.91 -11.09	18.55 0.69 -11.68	15.04 0.69 -8.17	15.40 0.67 -8.54	14.80 0.70 -7.96	18.82 0.72 -11.72	22.35 0.90 -13.41	25.35 0.84 -15.71	26.42 0.67 -16.33	28.90 0.52 -21.26	30.81 0.48 -23.70	32.57 0.46 -25.62	32.85 0.47 -25.92	37.27 0.54 -29.24	38.23 0.48 -31.31	40.37 0.54 -32.67	44.78 0.54 -37.06	42.36 0.46 -36.13	36.77 0.50 -29.62	35.35 0.47 -28.68	37.33 0.49 -30.69	30.87 0.45 -24.55	23.25 0.72 -15.70	19.63 0.79 -11.57
ISLIP_RES_REC 323679	21.20 1.31 -11.87	17.58 0.90 -10.50	14.61 0.91 -7.53	14.86 0.87 -7.80	14.51 0.93 -7.43	18.93 1.00 -11.53	27.69 1.31 -18.34	30.33 1.41 -20.11	34.66 1.55 -23.69	37.50 1.21 -29.17	36.89 1.07 -29.19	37.26 1.08 -29.70	35.22 1.11 -27.65	37.60 1.23 -28.89	39.66 1.10 -32.13	41.97 1.25 -33.57	50.98 1.21 -42.59	49.88 0.98 -43.13	42.00 1.08 -34.27	42.00 1.01 -34.78	46.71 0.98 -39.57	39.18 0.95 -32.35	32.00 1.15 -24.03	27.14 1.17 -18.70

JARVIS____ 23743	12.52 0.10 -4.40	10.40 0.07 -4.14	10.41 0.07 -4.16	10.32 0.07 -4.06	11.16 0.07 -4.95	18.46 0.08 -11.99	21.85 0.10 -13.72	25.01 0.11 -16.09	26.27 0.11 -16.73	28.93 0.09 -21.73	30.92 0.08 -24.22	32.73 0.08 -26.16	33.02 0.08 -26.48	37.47 0.08 -29.90	38.50 0.07 -31.99	40.64 0.08 -33.40	45.16 0.08 -37.89	42.75 0.06 -36.91	36.99 0.08 -30.26	35.58 0.07 -29.30	37.58 0.07 -31.35	31.01 0.07 -25.05	22.94 0.08 -16.03	19.16 0.09 -11.81
JENNISON____1 23625	14.53 0.43 -6.08	12.60 0.31 -6.11	11.48 0.31 -5.00	11.55 0.30 -5.06	11.82 0.30 -5.38	17.22 0.33 -10.51	20.65 0.53 -12.08	23.46 0.65 -13.99	24.68 0.73 -14.53	26.87 0.52 -19.23	28.61 0.50 -21.49	30.19 0.48 -23.22	30.47 0.50 -23.50	34.46 0.58 -26.39	35.24 0.48 -28.33	37.12 0.52 -29.45	41.07 0.51 -33.38	38.92 0.42 -32.73	33.97 0.50 -26.83	32.63 0.46 -25.96	34.42 0.45 -27.82	28.65 0.42 -22.34	21.57 0.46 -14.29	18.25 0.45 -10.53
JENNISON____2 23626	14.53 0.43 -6.08	12.60 0.31 -6.11	11.48 0.31 -5.00	11.55 0.30 -5.06	11.82 0.30 -5.38	17.22 0.33 -10.51	20.65 0.53 -12.08	23.46 0.65 -13.99	24.68 0.73 -14.53	26.87 0.52 -19.23	28.61 0.50 -21.49	30.19 0.48 -23.22	30.47 0.50 -23.50	34.46 0.58 -26.39	35.24 0.48 -28.33	37.12 0.52 -29.45	41.07 0.51 -33.38	38.92 0.42 -32.73	33.97 0.50 -26.83	32.63 0.46 -25.96	34.42 0.45 -27.82	28.65 0.42 -22.34	21.57 0.46 -14.29	18.25 0.45 -10.53
JERICHO_RISE_WT_PWR 323719	8.65 -0.26 -0.88	6.36 -0.20 -0.38	6.35 -0.21 -0.38	6.33 -0.22 -0.36	6.27 -0.23 -0.36	4.21 -0.25 1.93	6.85 -0.33 0.86	3.32 -0.38 5.11	3.33 -0.40 5.69	7.87 -0.29 -1.05	8.77 -0.28 -2.42	8.75 -0.28 -2.54	8.75 -0.28 -2.57	5.24 -0.34 1.90	7.77 -0.30 -1.63	5.46 -0.33 1.37	4.52 -0.33 2.33	8.65 -0.25 -3.13	8.71 -0.29 -2.36	7.73 -0.27 -1.79	8.72 -0.26 -2.82	10.66 -0.24 -5.01	9.77 -0.27 -3.21	9.35 -0.28 -2.36
KEDC_PORT_JEFF_GT2 24210	21.15 1.26 -11.87	17.55 0.86 -10.50	14.58 0.87 -7.53	14.82 0.84 -7.80	14.47 0.90 -7.43	18.89 0.97 -11.53	27.63 1.25 -18.34	30.23 1.33 -20.09	34.56 1.45 -23.68	37.42 1.13 -29.17	36.80 1.00 -29.18	37.13 1.00 -29.64	35.05 1.02 -27.57	37.48 1.11 -28.88	39.47 1.00 -32.04	41.77 1.13 -33.48	50.78 1.06 -42.54	49.71 0.86 -43.07	41.77 0.94 -34.18	41.77 0.91 -34.65	46.51 0.86 -39.50	39.01 0.87 -32.26	31.91 1.08 -24.01	27.07 1.11 -18.69
KEDC_PORT_JEFF_GT3 24211	21.15 1.26 -11.87	17.55 0.86 -10.50	14.58 0.87 -7.53	14.82 0.84 -7.80	14.47 0.90 -7.43	18.89 0.97 -11.53	27.63 1.25 -18.34	30.23 1.33 -20.09	34.56 1.45 -23.68	37.42 1.13 -29.17	36.80 1.00 -29.18	37.13 1.00 -29.64	35.05 1.02 -27.57	37.48 1.11 -28.88	39.47 1.00 -32.04	41.77 1.13 -33.48	50.78 1.06 -42.54	49.71 0.86 -43.07	41.77 0.94 -34.18	41.77 0.91 -34.65	46.51 0.86 -39.50	39.01 0.87 -32.26	31.91 1.08 -24.01	27.07 1.11 -18.69
KEDC_GLWD_GT4 24219	20.94 1.04 -11.87	17.43 0.75 -10.51	14.46 0.75 -7.53	14.72 0.73 -7.80	14.35 0.77 -7.43	18.72 0.80 -11.53	27.40 1.02 -18.34	30.94 1.14 -20.99	34.58 1.23 -23.92	37.37 0.96 -29.29	37.15 0.89 -29.64	39.16 0.88 -31.79	38.27 0.91 -30.89	37.74 1.04 -29.22	43.05 0.92 -35.69	45.00 1.03 -36.82	52.97 1.01 -44.78	52.05 0.81 -45.46	45.24 0.90 -37.70	46.87 0.85 -39.81	49.60 0.84 -42.62	42.56 0.80 -35.88	32.56 0.94 -24.80	27.59 0.98 -19.35
KEDC_GLWD_GT5 24220	20.94 1.04 -11.87	17.43 0.75 -10.51	14.46 0.75 -7.53	14.72 0.73 -7.80	14.35 0.77 -7.43	18.72 0.80 -11.53	27.40 1.02 -18.34	30.94 1.14 -20.99	34.58 1.23 -23.92	37.37 0.96 -29.29	37.15 0.89 -29.64	39.16 0.88 -31.79	38.27 0.91 -30.89	37.74 1.04 -29.22	43.05 0.92 -35.69	45.00 1.03 -36.82	52.97 1.01 -44.78	52.05 0.81 -45.46	45.24 0.90 -37.70	46.87 0.85 -39.81	49.60 0.84 -42.62	42.56 0.80 -35.88	32.56 0.94 -24.80	27.59 0.98 -19.35
KENSICO____ 23655	18.99 0.90 -10.07	17.34 0.65 -10.52	14.36 0.65 -7.53	14.62 0.64 -7.80	14.23 0.66 -7.43	18.58 0.67 -11.52	22.13 0.87 -13.22	25.06 0.97 -15.28	26.18 1.06 -15.70	28.77 0.83 -20.82	30.69 0.75 -23.32	32.51 0.75 -25.27	32.94 0.78 -25.69	37.18 0.89 -28.81	38.26 0.78 -31.04	40.30 0.88 -32.26	44.60 0.85 -36.57	42.31 0.69 -35.84	36.79 0.78 -29.37	35.36 0.73 -28.42	37.31 0.71 -30.45	31.02 0.69 -24.45	23.03 0.80 -15.41	19.43 0.84 -11.32
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.75 0.88 -9.84	17.08 0.64 -10.26	14.22 0.65 -7.40	14.51 0.63 -7.69	14.15 0.64 -7.36	18.55 0.66 -11.50	22.12 0.86 -13.22	25.09 0.96 -15.32	26.43 1.09 -15.91	29.01 0.84 -21.06	30.90 0.75 -23.52	32.65 0.75 -25.41	32.95 0.77 -25.72	37.19 0.88 -28.82	38.23 0.78 -31.01	40.27 0.89 -32.23	44.58 0.87 -36.53	42.32 0.71 -35.83	36.82 0.81 -29.37	35.37 0.75 -28.41	37.34 0.74 -30.44	31.04 0.71 -24.46	23.27 0.80 -15.64	19.62 0.83 -11.53
KIAC_JFK_GT1 23816	19.04 0.95 -10.06	17.37 0.69 -10.50	14.39 0.68 -7.53	14.65 0.66 -7.80	14.26 0.68 -7.44	18.62 0.70 -11.53	22.47 0.85 -13.58	26.47 0.96 -16.69	32.03 1.06 -21.54	35.89 0.81 -27.96	32.82 0.72 -25.48	33.23 0.71 -26.02	37.01 0.74 -29.79	38.29 0.85 -29.95	38.99 0.75 -31.81	40.30 0.84 -32.29	44.61 0.84 -36.58	42.86 0.67 -36.41	37.49 0.73 -30.12	35.90 0.70 -29.00	38.01 0.69 -31.17	31.65 0.66 -25.10	29.49 0.82 -21.85	24.98 0.89 -16.82
KIAC_JFK_GT2 23817	19.04 0.95 -10.06	17.37 0.69 -10.50	14.39 0.68 -7.53	14.65 0.66 -7.80	14.26 0.68 -7.44	18.62 0.70 -11.53	22.47 0.85 -13.58	26.47 0.96 -16.69	32.03 1.06 -21.54	35.89 0.81 -27.96	32.82 0.72 -25.48	33.23 0.71 -26.02	37.01 0.74 -29.79	38.29 0.85 -29.95	38.99 0.75 -31.81	40.30 0.84 -32.29	44.61 0.84 -36.58	42.86 0.67 -36.41	37.49 0.73 -30.12	35.90 0.70 -29.00	38.01 0.69 -31.17	31.65 0.66 -25.10	29.49 0.82 -21.85	24.98 0.89 -16.82
KINTIGH____ 23543	12.07 -0.38 -4.43	10.24 -0.26 -4.32	9.80 -0.23 -3.86	9.79 -0.24 -3.85	10.27 -0.23 -4.36	15.58 -0.26 -9.45	18.68 -0.22 -10.86	21.28 -0.11 -12.59	22.35 -0.15 -13.07	24.22 -0.20 -17.30	25.76 -0.19 -19.33	27.19 -0.17 -20.87	27.41 -0.16 -21.09	30.70 -0.19 -23.40	31.70 -0.21 -25.47	33.38 -0.25 -26.47	36.90 -0.29 -30.00	34.96 -0.25 -29.44	30.55 -0.22 -24.13	29.37 -0.17 -23.33	30.96 -0.20 -25.00	25.77 -0.19 -20.08	19.49 -0.19 -12.85	16.55 -0.19 -9.47
LEDERLE____ 23769	18.71 0.87 -9.81	17.04 0.64 -10.23	14.20 0.64 -7.38	14.54 0.63 -7.72	14.17 0.65 -7.38	18.56 0.66 -11.50	22.12 0.86 -13.22	25.06 0.96 -15.29	26.26 1.06 -15.78	28.86 0.83 -20.91	30.77 0.75 -23.40	32.57 0.75 -25.32	32.94 0.78 -25.69	37.19 0.90 -28.81	38.24 0.78 -31.02	40.28 0.88 -32.24	44.58 0.85 -36.54	42.29 0.69 -35.83	36.78 0.78 -29.36	35.36 0.74 -28.41	37.31 0.72 -30.44	31.02 0.69 -24.45	23.12 0.80 -15.50	19.51 0.84 -11.40
LINDEN COGEN____ 23786	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.56 0.94 -13.58	26.55 1.05 -16.69	32.10 1.13 -21.54	35.97 0.89 -27.96	36.66 0.82 -29.22	37.00 0.81 -29.70	37.11 0.85 -29.80	38.40 0.96 -29.95	39.09 0.84 -31.81	40.40 0.95 -32.29	44.67 0.90 -36.58	42.93 0.74 -36.41	37.59 0.83 -30.12	36.00 0.79 -29.00	38.10 0.77 -31.17	31.73 0.75 -25.10	29.54 0.87 -21.85	25.00 0.91 -16.82

LIPA_MISC_IPP 23656	21.14 1.24 -11.87	17.51 0.83 -10.50	14.55 0.84 -7.53	14.79 0.80 -7.80	14.44 0.86 -7.43	18.86 0.94 -11.53	27.61 1.23 -18.34	30.14 1.25 -20.08	34.47 1.37 -23.68	37.36 1.07 -29.17	36.74 0.95 -29.18	37.05 0.94 -29.62	34.97 0.97 -27.53	37.44 1.08 -28.88	39.40 0.97 -31.99	41.70 1.10 -33.44	50.76 1.07 -42.51	49.69 0.87 -43.04	41.74 0.96 -34.14	41.70 0.89 -34.60	46.48 0.87 -39.46	38.95 0.85 -32.22	31.86 1.03 -24.00	26.99 1.05 -18.68
LISF___SOLAR 323691	21.16 1.27 -11.87	17.52 0.84 -10.50	14.56 0.85 -7.53	14.80 0.82 -7.80	14.46 0.88 -7.43	18.88 0.96 -11.53	27.63 1.25 -18.34	30.17 1.28 -20.08	34.50 1.39 -23.68	37.38 1.10 -29.17	36.77 0.97 -29.18	37.08 0.97 -29.63	35.01 1.00 -27.54	37.47 1.11 -28.88	39.43 0.99 -32.01	41.74 1.13 -33.46	50.80 1.10 -42.52	49.72 0.90 -43.05	41.79 0.99 -34.16	41.74 0.92 -34.61	46.52 0.90 -39.47	38.98 0.87 -32.23	31.88 1.05 -24.00	27.02 1.07 -18.68
LITTLE FALLS___HYD 24013	12.72 0.30 -4.40	10.54 0.22 -4.14	10.56 0.22 -4.16	10.46 0.22 -4.06	11.30 0.21 -4.95	18.62 0.24 -11.99	22.07 0.31 -13.72	25.23 0.33 -16.09	26.52 0.37 -16.73	29.13 0.28 -21.73	31.11 0.27 -24.22	32.92 0.27 -26.16	33.20 0.25 -26.48	37.66 0.28 -29.90	38.65 0.23 -31.99	40.79 0.23 -33.40	45.30 0.22 -37.89	42.87 0.18 -36.91	37.12 0.21 -30.26	35.71 0.20 -29.30	37.71 0.20 -31.35	31.18 0.24 -25.05	23.13 0.28 -16.03	19.37 0.29 -11.81
LI_NEWBRDGE___DRP 323616	20.95 1.06 -11.87	17.44 0.75 -10.50	14.47 0.76 -7.53	14.71 0.73 -7.80	14.35 0.77 -7.43	18.74 0.81 -11.53	27.41 1.03 -18.34	29.84 1.14 -19.89	34.28 1.22 -23.63	37.21 0.95 -29.14	36.55 0.84 -29.08	36.51 0.83 -29.18	34.19 0.86 -26.86	37.27 0.97 -28.81	38.57 0.88 -31.26	40.91 0.98 -32.77	50.19 0.95 -42.06	49.11 0.77 -42.56	40.92 0.84 -33.44	40.57 0.81 -33.56	45.77 0.79 -38.83	38.14 0.76 -31.49	31.59 0.92 -23.84	26.78 0.97 -18.54
LONG_LAKE_PHOENIX 24014	11.84 -0.11 -3.93	9.90 -0.08 -3.80	9.59 -0.08 -3.49	9.56 -0.09 -3.46	10.06 -0.08 -4.00	15.22 -0.08 -8.91	18.71 0.07 -10.60	21.22 0.13 -12.28	22.32 0.14 -12.75	24.06 0.07 -16.88	25.55 0.08 -18.85	26.93 0.08 -20.36	27.16 0.09 -20.61	30.69 0.11 -23.09	31.37 0.08 -24.85	33.07 0.09 -25.82	36.54 0.09 -29.27	34.56 0.07 -28.71	30.27 0.09 -23.54	29.06 0.09 -22.76	30.64 0.09 -24.39	25.55 0.07 -19.60	19.41 0.05 -12.54	16.53 0.03 -9.24
LOVETT___3 23632	18.67 0.83 -9.82	17.01 0.60 -10.23	14.16 0.60 -7.38	14.51 0.59 -7.73	14.14 0.61 -7.38	18.52 0.63 -11.50	22.06 0.80 -13.22	25.00 0.90 -15.29	26.18 0.98 -15.78	28.80 0.78 -20.91	30.72 0.71 -23.39	32.51 0.70 -25.32	32.89 0.73 -25.69	37.12 0.83 -28.81	38.19 0.73 -31.02	40.22 0.82 -32.24	44.52 0.79 -36.55	42.25 0.64 -35.83	36.72 0.72 -29.36	35.30 0.68 -28.41	37.26 0.67 -30.44	30.97 0.64 -24.45	23.07 0.75 -15.49	19.45 0.79 -11.40
LOVETT___4 23642	18.67 0.83 -9.82	17.01 0.60 -10.23	14.16 0.60 -7.38	14.51 0.59 -7.73	14.14 0.61 -7.38	18.52 0.63 -11.50	22.06 0.80 -13.22	25.00 0.90 -15.29	26.18 0.98 -15.78	28.80 0.78 -20.91	30.72 0.71 -23.39	32.51 0.70 -25.32	32.89 0.73 -25.69	37.12 0.83 -28.81	38.19 0.73 -31.02	40.22 0.82 -32.24	44.52 0.79 -36.55	42.25 0.64 -35.83	36.72 0.72 -29.36	35.30 0.68 -28.41	37.26 0.67 -30.44	30.97 0.64 -24.45	23.07 0.75 -15.49	19.45 0.79 -11.40
LOVETT___5 23593	18.67 0.83 -9.82	17.01 0.60 -10.23	14.16 0.60 -7.38	14.51 0.59 -7.73	14.14 0.61 -7.38	18.52 0.63 -11.50	22.06 0.80 -13.22	25.00 0.90 -15.29	26.18 0.98 -15.78	28.80 0.78 -20.91	30.72 0.71 -23.39	32.51 0.70 -25.32	32.89 0.73 -25.69	37.12 0.83 -28.81	38.19 0.73 -31.02	40.22 0.82 -32.24	44.52 0.79 -36.55	42.25 0.64 -35.83	36.72 0.72 -29.36	35.30 0.68 -28.41	37.26 0.67 -30.44	30.97 0.64 -24.45	23.07 0.75 -15.49	19.45 0.79 -11.40
LOWER RAQUET___HYD 24057	8.98 -0.50 -1.45	6.77 -0.41 -1.00	6.77 -0.41 -1.01	6.75 -0.41 -0.97	6.86 -0.40 -1.12	6.42 -0.40 -0.43	9.12 -0.51 -1.59	6.73 -0.61 1.47	6.96 -0.63 1.83	11.13 -0.47 -4.49	12.22 -0.42 -6.02	12.51 -0.42 -6.44	12.56 -0.42 -6.52	10.45 -0.49 -3.45	12.70 -0.41 -6.67	11.16 -0.47 -4.46	11.17 -0.45 -4.44	14.15 -0.35 -8.72	13.22 -0.41 -6.98	12.17 -0.40 -6.35	13.29 -0.40 -7.54	13.79 -0.36 -8.27	11.72 -0.40 -5.29	10.77 -0.39 -3.90
LOWER___HUDSON 24059	19.85 0.58 -11.24	18.48 0.45 -11.85	14.90 0.46 -8.27	15.28 0.45 -8.65	14.63 0.45 -8.03	18.60 0.47 -11.74	21.96 0.49 -13.44	25.01 0.45 -15.75	26.19 0.39 -16.37	28.71 0.30 -21.29	30.63 0.28 -23.73	32.39 0.26 -25.64	32.67 0.26 -25.95	37.08 0.31 -29.29	38.07 0.28 -31.35	40.20 0.32 -32.72	44.63 0.33 -37.12	42.23 0.28 -36.17	36.62 0.32 -29.65	35.20 0.29 -28.71	37.18 0.30 -30.72	30.72 0.28 -24.56	22.94 0.40 -15.71	19.29 0.45 -11.57
LWR___OSWEGATCHIE_HYD 23850	10.11 -0.31 -2.40	7.95 -0.26 -2.03	7.87 -0.27 -1.97	7.85 -0.27 -1.93	8.13 -0.26 -2.25	9.88 -0.26 -3.75	12.78 -0.29 -5.03	12.12 -0.33 -3.63	12.66 -0.33 -3.57	16.17 -0.26 -9.31	17.46 -0.23 -11.07	18.18 -0.23 -11.91	18.30 -0.22 -12.05	18.19 -0.25 -10.95	19.97 -0.21 -13.75	19.56 -0.25 -12.65	20.87 -0.24 -13.93	22.16 -0.17 -16.56	19.91 -0.20 -13.46	18.76 -0.21 -12.76	20.09 -0.22 -14.15	18.53 -0.19 -12.84	14.82 -0.22 -8.21	13.09 -0.23 -6.05
LYONS_FALL_HYD 23570	11.89 0.06 -3.80	9.75 0.03 -3.54	9.67 0.02 -3.47	9.61 0.02 -3.40	10.23 0.02 -4.07	15.67 0.03 -9.25	18.94 0.11 -10.79	20.98 0.15 -12.02	22.04 0.18 -12.44	24.71 0.12 -17.47	26.41 0.13 -19.66	27.84 0.12 -21.23	28.07 0.12 -21.48	31.16 0.16 -23.52	32.29 0.12 -25.73	33.67 0.13 -26.39	37.14 0.14 -29.82	35.79 0.13 -29.88	31.27 0.16 -24.47	29.95 0.13 -23.61	31.68 0.12 -25.41	26.73 0.12 -20.73	20.19 0.10 -13.26	17.12 0.08 -9.77
MADISON___COUNTY_LFGE 323628	12.48 0.23 -4.22	10.37 0.17 -4.02	10.18 0.16 -3.84	10.13 0.15 -3.78	10.77 0.15 -4.47	16.88 0.17 -10.32	20.23 0.33 -11.87	22.98 0.42 -13.75	24.18 0.47 -14.28	26.34 0.33 -18.90	28.05 0.32 -21.11	29.60 0.30 -22.81	29.86 0.32 -23.08	33.73 0.38 -25.86	34.57 0.31 -27.83	36.42 0.34 -28.92	40.31 0.34 -32.78	38.22 0.29 -32.15	33.35 0.35 -26.36	32.02 0.32 -25.49	33.78 0.31 -27.32	28.10 0.28 -21.95	21.14 0.28 -14.04	17.86 0.25 -10.34
MAPLE_RIDGE_WT_1 323574	11.09 -0.02 -3.09	9.21 -0.02 -3.05	9.34 -0.02 -3.18	9.26 -0.02 -3.09	10.01 -0.02 -3.89	17.21 -0.02 -10.84	19.86 -0.02 -11.84	24.40 0.00 -15.59	25.80 0.01 -16.36	24.88 0.01 -17.76	25.89 0.01 -19.27	27.34 0.00 -20.85	27.55 -0.01 -21.10	33.27 -0.03 -25.82	32.51 -0.03 -26.11	35.64 -0.04 -28.53	39.84 -0.04 -32.69	35.36 -0.02 -29.60	30.97 -0.03 -24.36	29.97 -0.02 -23.78	31.21 -0.01 -25.07	24.76 -0.01 -18.89	18.89 -0.02 -12.09	16.14 -0.03 -8.90
MAPLE_RIDGE_WT_2 323611	11.09 -0.02 -3.09	9.21 -0.02 -3.05	9.34 -0.02 -3.18	9.26 -0.02 -3.09	10.01 -0.02 -3.89	17.21 -0.02 -10.84	19.86 -0.02 -11.84	24.40 0.00 -15.59	25.80 0.01 -16.36	24.88 0.01 -17.76	25.89 0.01 -19.27	27.34 0.00 -20.85	27.55 -0.01 -21.10	33.27 -0.03 -25.82	32.51 -0.03 -26.11	35.64 -0.04 -28.53	39.84 -0.04 -32.69	35.36 -0.02 -29.60	30.97 -0.03 -24.36	29.97 -0.02 -23.78	31.21 -0.01 -25.07	24.76 -0.01 -18.89	18.89 -0.02 -12.09	16.14 -0.03 -8.90

MARBLE_RIVER_WT_PWR 323696	8.61 -0.23 -0.82	6.31 -0.19 -0.31	6.30 -0.19 -0.31	6.29 -0.20 -0.30	6.20 -0.22 -0.28	3.97 -0.24 2.18	6.60 -0.31 1.12	2.95 -0.36 5.50	2.94 -0.39 6.10	7.52 -0.28 -0.68	8.40 -0.26 -2.04	8.35 -0.26 -2.12	8.34 -0.27 -2.14	4.68 -0.33 2.47	7.24 -0.28 -1.08	4.84 -0.31 2.00	3.81 -0.32 3.05	8.07 -0.24 -2.53	8.23 -0.28 -1.86	7.26 -0.25 -1.30	8.23 -0.24 -2.32	10.32 -0.23 -4.66	9.56 -0.25 -2.98	9.20 -0.26 -2.20
MARSH_HILL_WT_PWR 323713	13.47 0.39 -5.06	11.49 0.30 -5.01	10.76 0.30 -4.29	10.78 0.28 -4.31	11.19 0.31 -4.74	16.56 0.36 -9.80	19.92 0.61 -11.27	22.69 0.82 -13.06	23.88 0.89 -13.57	25.68 0.61 -17.95	27.25 0.58 -20.05	28.73 0.56 -21.67	29.01 0.59 -21.96	33.03 0.68 -24.86	33.41 0.53 -26.44	35.18 0.54 -27.48	38.84 0.51 -31.15	36.72 0.39 -30.55	32.18 0.50 -25.04	30.94 0.50 -24.23	32.61 0.50 -25.96	27.18 0.45 -20.85	20.65 0.48 -13.34	17.56 0.47 -9.83
MG_INDUSTRY___DRP 24185	19.49 0.48 -10.98	18.12 0.39 -11.55	14.67 0.39 -8.11	15.05 0.39 -8.47	14.44 0.39 -7.91	18.48 0.40 -11.69	21.82 0.39 -13.39	24.75 0.29 -15.64	25.98 0.29 -16.26	28.60 0.23 -21.25	30.54 0.21 -23.70	32.31 0.21 -25.61	32.59 0.21 -25.92	36.92 0.24 -29.20	37.95 0.22 -31.30	40.03 0.25 -32.62	44.44 0.25 -37.00	42.11 0.21 -36.12	36.48 0.23 -29.61	35.09 0.21 -28.66	37.05 0.22 -30.69	30.65 0.21 -24.57	22.80 0.26 -15.71	19.21 0.36 -11.58
MID___OSWEGATCHIE_HYD 23849	10.11 -0.31 -2.40	7.95 -0.26 -2.03	7.87 -0.27 -1.97	7.85 -0.27 -1.93	8.13 -0.26 -2.25	9.88 -0.26 -3.75	12.78 -0.29 -5.03	12.12 -0.33 -3.63	12.66 -0.33 -3.57	16.17 -0.26 -9.31	17.46 -0.23 -11.07	18.18 -0.23 -11.91	18.30 -0.22 -12.05	18.19 -0.25 -10.95	19.97 -0.21 -13.75	19.56 -0.25 -12.65	20.87 -0.24 -13.93	22.16 -0.17 -16.56	19.91 -0.20 -13.46	18.76 -0.21 -12.76	20.09 -0.22 -14.15	18.53 -0.19 -12.84	14.82 -0.22 -8.21	13.09 -0.23 -6.05
MID___RAQUETTE_HYD 23851	8.98 -0.50 -1.45	6.77 -0.41 -1.00	6.77 -0.41 -1.01	6.75 -0.41 -0.97	6.86 -0.40 -1.12	6.42 -0.40 -0.43	9.12 -0.51 -1.59	6.73 -0.61 1.47	6.96 -0.63 1.83	11.13 -0.47 -4.49	12.22 -0.42 -6.02	12.51 -0.42 -6.44	12.56 -0.42 -6.52	10.45 -0.49 -3.45	12.70 -0.41 -6.67	11.16 -0.47 -4.46	11.17 -0.45 -4.44	14.15 -0.35 -8.72	13.22 -0.41 -6.98	12.17 -0.40 -6.35	13.29 -0.40 -7.54	13.79 -0.36 -8.27	11.72 -0.40 -5.29	10.77 -0.39 -3.90
MILLIKEN___1 23584	13.19 0.18 -4.98	11.23 0.14 -4.91	10.54 0.14 -4.23	10.57 0.14 -4.24	10.97 0.14 -4.68	16.31 0.17 -9.75	19.55 0.30 -11.22	22.19 0.39 -12.99	23.34 0.42 -13.49	25.26 0.28 -17.86	26.84 0.27 -19.95	28.32 0.27 -21.56	28.57 0.28 -21.83	32.31 0.33 -24.50	33.01 0.26 -26.31	34.79 0.29 -27.35	38.46 0.28 -31.00	36.40 0.23 -30.39	31.84 0.29 -24.91	30.59 0.27 -24.11	32.26 0.28 -25.83	26.87 0.24 -20.75	20.35 0.25 -13.27	17.27 0.23 -9.78
MILLIKEN___2 23585	13.19 0.18 -4.98	11.23 0.14 -4.91	10.54 0.14 -4.23	10.57 0.14 -4.24	10.97 0.14 -4.68	16.31 0.17 -9.75	19.55 0.30 -11.22	22.19 0.39 -12.99	23.34 0.42 -13.49	25.26 0.28 -17.86	26.84 0.27 -19.95	28.32 0.27 -21.56	28.57 0.28 -21.83	32.31 0.33 -24.50	33.01 0.26 -26.31	34.79 0.29 -27.35	38.46 0.28 -31.00	36.40 0.23 -30.39	31.84 0.29 -24.91	30.59 0.27 -24.11	32.26 0.28 -25.83	26.87 0.24 -20.75	20.35 0.25 -13.27	17.27 0.23 -9.78
MILLIKEN___DIESEL 23629	13.19 0.18 -4.98	11.23 0.14 -4.91	10.54 0.14 -4.23	10.57 0.14 -4.24	10.97 0.14 -4.68	16.31 0.17 -9.75	19.55 0.30 -11.22	22.19 0.39 -12.99	23.34 0.42 -13.49	25.26 0.28 -17.86	26.84 0.27 -19.95	28.32 0.27 -21.56	28.57 0.28 -21.83	32.31 0.33 -24.50	33.01 0.26 -26.31	34.79 0.29 -27.35	38.46 0.28 -31.00	36.40 0.23 -30.39	31.84 0.29 -24.91	30.59 0.27 -24.11	32.26 0.28 -25.83	26.87 0.24 -20.75	20.35 0.25 -13.27	17.27 0.23 -9.78
MILLSEAT___LFGE 323607	12.23 -0.27 -4.48	10.37 -0.17 -4.37	9.93 -0.14 -3.89	9.92 -0.15 -3.88	10.39 -0.14 -4.38	15.70 -0.17 -9.47	18.89 -0.04 -10.89	21.51 0.08 -12.62	22.59 0.06 -13.11	24.39 -0.07 -17.35	25.94 -0.06 -19.38	27.37 -0.05 -20.93	27.67 -0.02 -21.23	31.68 -0.03 -24.22	31.89 -0.08 -25.53	33.58 -0.11 -26.54	37.10 -0.16 -30.08	35.14 -0.16 -29.52	30.76 -0.08 -24.19	29.56 -0.04 -23.40	31.14 -0.08 -25.07	25.93 -0.09 -20.14	19.63 -0.08 -12.89	16.73 -0.04 -9.49
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.93 0.87 -10.04	17.29 0.63 -10.48	14.32 0.63 -7.52	14.59 0.61 -7.79	14.20 0.63 -7.43	18.55 0.65 -11.52	22.09 0.83 -13.22	25.02 0.92 -15.29	26.17 1.01 -15.74	28.77 0.79 -20.87	30.71 0.73 -23.36	32.51 0.72 -25.30	32.91 0.75 -25.70	37.15 0.85 -28.81	38.22 0.75 -31.04	40.26 0.84 -32.26	44.56 0.82 -36.56	42.28 0.66 -35.84	36.76 0.74 -29.37	35.33 0.70 -28.42	37.29 0.69 -30.45	31.00 0.66 -24.46	23.05 0.77 -15.45	19.43 0.81 -11.36
MODEL_CITY_ENERGY 24167	12.11 -0.43 -4.52	10.31 -0.29 -4.42	9.85 -0.25 -3.92	9.84 -0.26 -3.91	10.31 -0.25 -4.41	15.59 -0.30 -9.50	18.70 -0.26 -10.93	21.32 -0.15 -12.66	22.35 -0.22 -13.15	24.24 -0.27 -17.40	25.80 -0.26 -19.44	27.24 -0.25 -20.99	27.56 -0.22 -21.31	31.75 -0.27 -24.53	31.76 -0.29 -25.61	33.43 -0.35 -26.62	36.95 -0.40 -30.17	35.03 -0.35 -29.60	30.61 -0.30 -24.26	29.43 -0.25 -23.47	31.02 -0.28 -25.15	25.82 -0.26 -20.20	19.50 -0.25 -12.92	16.59 -0.20 -9.52
MODERN_LFGE___ 323580	12.11 -0.43 -4.52	10.31 -0.29 -4.42	9.85 -0.25 -3.92	9.84 -0.26 -3.91	10.31 -0.25 -4.41	15.59 -0.30 -9.50	18.70 -0.26 -10.93	21.32 -0.15 -12.66	22.35 -0.22 -13.15	24.24 -0.27 -17.40	25.80 -0.26 -19.44	27.24 -0.25 -20.99	27.56 -0.22 -21.31	31.75 -0.27 -24.53	31.76 -0.29 -25.61	33.43 -0.35 -26.62	36.95 -0.40 -30.17	35.03 -0.35 -29.60	30.61 -0.30 -24.26	29.43 -0.25 -23.47	31.02 -0.28 -25.15	25.82 -0.26 -20.20	19.50 -0.25 -12.92	16.59 -0.20 -9.52
MOHAWK_PAPER___DRP 24187	19.73 0.55 -11.15	18.37 0.45 -11.75	14.84 0.45 -8.21	15.22 0.45 -8.58	14.58 0.45 -7.99	18.57 0.46 -11.72	21.87 0.42 -13.42	24.88 0.36 -15.71	26.07 0.32 -16.33	28.64 0.25 -21.27	30.57 0.24 -23.71	32.34 0.22 -25.62	32.62 0.22 -25.93	37.00 0.26 -29.25	38.00 0.24 -31.32	40.11 0.28 -32.68	44.54 0.29 -37.07	42.17 0.25 -36.14	36.56 0.28 -29.63	35.15 0.25 -28.69	37.12 0.26 -30.70	30.68 0.24 -24.56	22.87 0.34 -15.71	19.23 0.39 -11.57
MONGAUP___HYD 23641	18.70 0.98 -9.69	16.99 0.72 -10.09	14.22 0.74 -7.30	14.53 0.72 -7.62	14.19 0.74 -7.30	18.61 0.73 -11.49	22.11 0.86 -13.21	25.06 0.95 -15.29	26.38 1.13 -15.82	28.94 0.87 -20.95	30.82 0.77 -23.43	32.60 0.77 -25.34	32.96 0.80 -25.69	37.21 0.94 -28.79	38.27 0.84 -30.99	40.32 0.95 -32.21	44.64 0.94 -36.51	42.35 0.77 -35.80	36.85 0.86 -29.34	35.37 0.78 -28.39	37.33 0.76 -30.42	31.02 0.71 -24.43	23.16 0.79 -15.54	19.54 0.84 -11.44
MONTAUK___DIESEL 23721	21.73 1.84 -11.87	17.96 1.27 -10.50	15.00 1.30 -7.53	15.24 1.25 -7.80	14.90 1.33 -7.43	19.36 1.43 -11.53	28.28 1.90 -18.34	30.97 2.08 -20.08	35.41 2.31 -23.68	38.11 1.82 -29.17	37.45 1.66 -29.18	37.78 1.66 -29.62	35.71 1.71 -27.54	38.33 1.97 -28.88	40.17 1.73 -32.00	42.57 1.96 -33.45	51.68 1.98 -42.52	50.41 1.58 -43.05	42.58 1.79 -34.15	42.44 1.63 -34.61	47.22 1.61 -39.47	39.61 1.50 -32.23	32.54 1.71 -24.00	27.63 1.69 -18.68

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.05 0.97 -10.06	17.39 0.70 -10.50	14.40 0.70 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.54 0.93 -13.57	26.52 1.05 -16.66	31.95 1.14 -21.39	35.99 0.89 -27.99	36.50 0.81 -29.06	36.89 0.81 -29.59	38.00 0.84 -30.69	38.37 0.96 -29.92	39.34 0.84 -32.07	40.40 0.94 -32.31	44.68 0.91 -36.58	42.92 0.74 -36.40	37.57 0.83 -30.10	35.98 0.78 -28.98	38.06 0.76 -31.15	31.71 0.74 -25.09	29.37 0.86 -21.68	24.85 0.90 -16.68
MUNSVILLE_WIND_PWR 323609	14.32 0.51 -5.79	12.33 0.36 -5.79	11.32 0.35 -4.79	11.37 0.34 -4.84	11.67 0.33 -5.19	17.06 0.36 -10.31	20.53 0.64 -11.85	23.35 0.81 -13.73	24.60 0.91 -14.26	26.64 0.65 -18.87	28.33 0.63 -21.08	29.88 0.60 -22.78	30.15 0.63 -23.06	34.11 0.73 -25.89	34.83 0.59 -27.80	36.69 0.64 -28.89	40.57 0.64 -32.75	38.40 0.51 -32.11	33.59 0.62 -26.32	32.24 0.56 -25.47	33.99 0.55 -27.29	28.32 0.52 -21.92	21.39 0.55 -14.02	18.13 0.54 -10.33
N SALMON___HYD 24042	8.74 -0.30 -1.02	6.47 -0.24 -0.54	6.47 -0.25 -0.54	6.46 -0.25 -0.52	6.43 -0.26 -0.55	4.78 -0.27 1.33	7.45 -0.35 0.24	4.21 -0.41 4.20	4.28 -0.42 4.72	8.72 -0.31 -1.91	9.67 -0.28 -3.33	9.73 -0.29 -3.52	9.74 -0.29 -3.56	6.58 -0.35 0.56	9.03 -0.30 -2.89	6.92 -0.34 -0.09	6.22 -0.34 0.63	10.06 -0.25 -4.53	9.86 -0.30 -3.52	8.87 -0.28 -2.94	9.89 -0.27 -4.01	11.46 -0.26 -5.83	10.28 -0.28 -3.73	9.72 -0.30 -2.75
N.E._GEN_SANDY PD 24062	19.46 0.73 -10.71	17.97 0.55 -11.24	14.67 0.56 -7.94	15.00 0.54 -8.27	14.47 0.55 -7.77	18.63 0.56 -11.67	22.06 0.65 -13.38	25.30 0.63 -15.86	26.00 0.57 -16.00	26.45 0.45 -18.88	28.00 0.41 -20.97	29.77 0.40 -22.88	30.70 0.41 -23.82	31.08 0.48 -23.12	31.02 0.42 -24.16	32.37 0.49 -24.73	34.80 0.47 -27.14	36.29 0.40 -30.11	35.00 0.44 -27.92	35.16 0.41 -28.54	35.70 0.41 -29.14	28.81 0.39 -22.54	23.80 0.55 -16.43	19.43 0.60 -11.56
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.68 0.84 -9.81	17.02 0.61 -10.23	14.17 0.61 -7.38	14.52 0.61 -7.72	14.15 0.63 -7.38	18.53 0.64 -11.50	22.08 0.82 -13.22	25.02 0.92 -15.29	26.21 1.01 -15.78	28.82 0.79 -20.91	30.74 0.72 -23.39	32.53 0.72 -25.32	32.91 0.74 -25.69	37.14 0.85 -28.81	38.21 0.75 -31.02	40.24 0.84 -32.24	44.55 0.82 -36.55	42.27 0.66 -35.83	36.75 0.74 -29.36	35.32 0.70 -28.41	37.28 0.69 -30.44	30.99 0.66 -24.45	23.09 0.76 -15.50	19.47 0.81 -11.40
NARROWS_GT1_1 24228	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT1_2 24229	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT1_3 24230	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT1_4 24231	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT1_5 24232	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT1_6 24233	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT1_7 24234	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT1_8 24235	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT2_1 24236	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT2_2 24237	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83



NARROWS_GT2_3 24238	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT2_4 24239	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT2_5 24240	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT2_6 24241	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT2_7 24242	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NARROWS_GT2_8 24243	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.09 0.71 -10.35	17.56 0.54 -10.83	14.43 0.55 -7.71	14.76 0.54 -8.03	14.29 0.55 -7.59	18.46 0.54 -11.53	21.92 0.63 -13.25	24.77 0.61 -15.35	26.09 0.72 -15.95	28.76 0.54 -21.10	30.68 0.48 -23.58	32.44 0.47 -25.47	32.74 0.49 -25.78	36.96 0.59 -28.89	38.06 0.54 -31.08	40.09 0.63 -32.30	44.44 0.64 -36.62	42.21 0.53 -35.91	36.67 0.59 -29.43	35.20 0.52 -28.48	37.17 0.51 -30.51	30.86 0.47 -24.51	23.04 0.54 -15.68	19.42 0.60 -11.55
NEG CAPITAL___MECHNVIL 23645	20.01 0.66 -11.32	18.63 0.51 -11.94	15.00 0.51 -8.32	15.39 0.50 -8.70	14.73 0.51 -8.07	18.67 0.53 -11.75	22.10 0.62 -13.44	25.20 0.63 -15.76	26.41 0.59 -16.39	28.87 0.46 -21.29	30.78 0.43 -23.73	32.54 0.40 -25.64	32.82 0.40 -25.95	37.26 0.48 -29.30	38.22 0.42 -31.35	40.37 0.49 -32.73	44.82 0.50 -37.13	42.36 0.42 -36.17	36.77 0.47 -29.66	35.35 0.43 -28.71	37.33 0.46 -30.73	30.85 0.41 -24.56	23.06 0.53 -15.71	19.41 0.57 -11.57
NEG CENTRAL_HIGH_ACRES 23767	11.97 -0.39 -4.33	10.11 -0.28 -4.21	9.70 -0.27 -3.79	9.68 -0.28 -3.77	10.17 -0.26 -4.29	15.51 -0.27 -9.39	18.62 -0.21 -10.79	21.19 -0.12 -12.51	22.27 -0.14 -12.99	24.14 -0.17 -17.19	25.68 -0.15 -19.20	27.09 -0.14 -20.73	27.33 -0.12 -20.98	30.87 -0.13 -23.51	31.59 -0.14 -25.30	33.29 -0.16 -26.29	36.81 -0.18 -29.80	34.86 -0.16 -29.25	30.47 -0.15 -23.97	29.26 -0.12 -23.18	30.85 -0.14 -24.84	25.68 -0.15 -19.95	19.40 -0.20 -12.77	16.45 -0.23 -9.41
NEG CENTRAL___DRP 24199	12.42 -0.02 -4.41	10.47 -0.01 -4.30	10.00 -0.01 -3.84	9.99 -0.02 -3.82	10.47 0.00 -4.33	15.78 0.02 -9.37	18.94 0.13 -10.77	21.50 0.21 -12.48	22.61 0.23 -12.96	24.40 0.13 -17.15	25.92 0.13 -19.16	27.29 0.13 -20.67	27.53 0.14 -20.92	31.10 0.17 -23.44	31.78 0.12 -25.22	33.49 0.12 -26.21	37.00 0.11 -29.71	35.05 0.09 -29.18	30.70 0.13 -23.92	29.45 0.14 -23.11	31.05 0.14 -24.76	25.88 0.11 -19.89	19.66 0.10 -12.74	16.73 0.07 -9.39
NEG CENTRAL___INDECK 23768	12.99 0.14 -4.82	11.05 0.12 -4.75	10.43 0.12 -4.13	10.44 0.12 -4.13	10.87 0.13 -4.59	16.24 0.18 -9.67	19.55 0.40 -11.12	22.26 0.57 -12.88	23.45 0.65 -13.38	25.23 0.41 -17.70	26.80 0.40 -19.77	28.24 0.40 -21.35	28.52 0.43 -21.62	32.31 0.50 -24.33	32.87 0.39 -26.05	34.64 0.41 -27.08	38.25 0.38 -30.69	36.19 0.29 -30.12	31.72 0.39 -24.69	30.48 0.40 -23.87	32.11 0.38 -25.58	26.76 0.33 -20.55	20.30 0.33 -13.15	17.26 0.31 -9.69
NEG CENTRAL___SENECA 23627	12.59 0.03 -4.53	10.64 0.03 -4.43	10.14 0.03 -3.93	10.13 0.02 -3.92	10.60 0.04 -4.41	15.93 0.07 -9.47	19.15 0.22 -10.89	21.76 0.33 -12.62	22.88 0.35 -13.11	24.68 0.21 -17.35	26.21 0.21 -19.38	27.58 0.20 -20.89	27.82 0.22 -21.13	31.43 0.26 -23.69	32.11 0.19 -25.48	33.84 0.20 -26.49	37.38 0.18 -30.02	35.44 0.14 -29.52	31.04 0.21 -24.19	29.77 0.21 -23.35	31.38 0.21 -25.02	26.15 0.17 -20.10	19.88 0.17 -12.89	16.91 0.15 -9.50
NEG CENTRAL___STATE_STREET 24147	12.56 0.08 -4.46	10.60 0.07 -4.35	10.11 0.06 -3.87	10.11 0.06 -3.86	10.56 0.07 -4.35	15.86 0.09 -9.38	19.03 0.20 -10.79	21.60 0.29 -12.50	22.72 0.31 -12.98	24.51 0.21 -17.18	26.02 0.20 -19.20	27.42 0.20 -20.73	27.66 0.21 -20.98	31.25 0.25 -23.51	31.93 0.20 -25.29	33.66 0.21 -26.29	37.19 0.21 -29.80	35.18 0.17 -29.24	30.82 0.21 -23.97	29.58 0.20 -23.18	31.19 0.20 -24.83	26.00 0.17 -19.95	19.75 0.16 -12.77	16.82 0.15 -9.41
NEG MILLWOOD___DRP 24198	19.06 0.91 -10.13	17.43 0.66 -10.59	14.42 0.67 -7.57	14.70 0.64 -7.87	14.29 0.66 -7.49	18.58 0.66 -11.52	22.13 0.85 -13.24	25.10 0.94 -15.34	26.40 1.04 -15.93	29.01 0.81 -21.09	30.94 0.76 -23.56	32.69 0.75 -25.45	33.00 0.78 -25.75	37.25 0.90 -28.86	38.28 0.79 -31.05	40.33 0.89 -32.28	44.65 0.88 -36.58	42.38 0.72 -35.88	36.86 0.80 -29.41	35.41 0.75 -28.45	37.38 0.74 -30.49	31.07 0.70 -24.49	23.29 0.80 -15.67	19.64 0.83 -11.54
NEG NORTH_FLCN_SEA 23793	8.67 -0.18 -0.83	6.36 -0.14 -0.32	6.35 -0.15 -0.32	6.34 -0.15 -0.30	6.26 -0.17 -0.28	4.05 -0.19 2.15	6.70 -0.24 1.09	3.08 -0.28 5.45	3.08 -0.29 6.05	7.63 -0.21 -0.72	8.51 -0.20 -2.08	8.46 -0.20 -2.17	8.45 -0.21 -2.19	4.82 -0.25 2.41	7.37 -0.22 -1.15	4.98 -0.25 1.92	3.96 -0.25 2.97	8.19 -0.19 -2.60	8.35 -0.22 -1.92	7.37 -0.20 -1.36	8.34 -0.18 -2.38	10.41 -0.18 -4.71	9.64 -0.20 -3.01	9.27 -0.21 -2.22

NEG NORTH_KES_CHATEGAY 23792	8.66 -0.25 -0.88	6.37 -0.19 -0.38	6.36 -0.20 -0.38	6.34 -0.20 -0.36	6.28 -0.22 -0.36	4.22 -0.24 1.93	6.86 -0.31 0.87	3.33 -0.36 5.12	3.34 -0.39 5.69	7.88 -0.28 -1.04	8.77 -0.27 -2.42	8.76 -0.26 -2.53	8.76 -0.27 -2.56	5.25 -0.33 1.91	7.77 -0.28 -1.62	5.46 -0.31 1.38	4.52 -0.32 2.34	8.65 -0.24 -3.12	8.71 -0.28 -2.35	7.74 -0.25 -1.78	8.72 -0.25 -2.81	10.65 -0.24 -5.01	9.77 -0.26 -3.20	9.36 -0.27 -2.36
NEG NORTH___ALICE_FALLS 23915	8.64 -0.22 -0.83	6.34 -0.17 -0.33	6.34 -0.17 -0.33	6.32 -0.18 -0.31	6.25 -0.19 -0.30	4.06 -0.21 2.12	6.71 -0.26 1.06	3.09 -0.32 5.40	3.10 -0.33 5.99	7.65 -0.23 -0.77	8.53 -0.23 -2.14	8.49 -0.23 -2.23	8.49 -0.23 -2.25	4.86 -0.29 2.33	7.41 -0.24 -1.22	5.04 -0.28 1.84	4.03 -0.28 2.87	8.25 -0.21 -2.68	8.39 -0.25 -1.99	7.41 -0.22 -1.42	8.39 -0.21 -2.45	10.43 -0.21 -4.75	9.64 -0.23 -3.04	9.27 -0.24 -2.24
NEG NORTH___LWR_SARANAC 23913	8.64 -0.22 -0.83	6.34 -0.17 -0.33	6.34 -0.17 -0.33	6.32 -0.18 -0.31	6.25 -0.19 -0.30	4.06 -0.21 2.12	6.71 -0.26 1.06	3.09 -0.32 5.40	3.10 -0.33 5.99	7.65 -0.23 -0.77	8.53 -0.23 -2.14	8.49 -0.23 -2.23	8.49 -0.23 -2.25	4.86 -0.29 2.33	7.41 -0.24 -1.22	5.04 -0.28 1.84	4.03 -0.28 2.87	8.25 -0.21 -2.68	8.39 -0.25 -1.99	7.41 -0.22 -1.42	8.39 -0.21 -2.45	10.43 -0.21 -4.75	9.64 -0.23 -3.04	9.27 -0.24 -2.24
NEG NORTH___PLATTSBURG 23628	8.64 -0.22 -0.83	6.34 -0.17 -0.33	6.34 -0.17 -0.33	6.32 -0.18 -0.31	6.25 -0.19 -0.30	4.06 -0.21 2.12	6.71 -0.26 1.06	3.09 -0.32 5.40	3.10 -0.33 5.99	7.65 -0.23 -0.77	8.53 -0.23 -2.14	8.49 -0.23 -2.23	8.49 -0.23 -2.25	4.86 -0.29 2.33	7.41 -0.24 -1.22	5.04 -0.28 1.84	4.03 -0.28 2.87	8.25 -0.21 -2.68	8.39 -0.25 -1.99	7.41 -0.22 -1.42	8.39 -0.21 -2.45	10.43 -0.21 -4.75	9.64 -0.23 -3.04	9.27 -0.24 -2.24
NEG WEST_LEA_LOCKPORT 23791	12.16 -0.38 -4.51	10.34 -0.25 -4.41	9.88 -0.21 -3.92	9.88 -0.22 -3.91	10.35 -0.20 -4.40	15.63 -0.25 -9.49	18.77 -0.18 -10.92	21.35 -0.11 -12.65	22.39 -0.17 -13.14	24.27 -0.23 -17.38	25.82 -0.22 -19.42	27.26 -0.21 -20.97	27.56 -0.18 -21.28	31.59 -0.22 -24.33	31.78 -0.25 -25.59	33.45 -0.31 -26.60	36.97 -0.36 -30.15	35.04 -0.32 -29.58	30.63 -0.26 -24.25	29.45 -0.21 -23.45	31.03 -0.24 -25.12	25.83 -0.24 -20.18	19.52 -0.22 -12.91	16.64 -0.14 -9.52
NEG WEST___LANCASTR 23811	12.73 0.01 -4.70	10.83 0.04 -4.61	10.28 0.06 -4.04	10.28 0.05 -4.04	10.74 0.07 -4.52	16.07 0.08 -9.60	19.30 0.22 -11.04	22.07 0.47 -12.79	23.21 0.50 -13.29	25.00 0.30 -17.58	26.54 0.28 -19.64	28.00 0.27 -21.23	28.37 0.30 -21.60	33.00 0.34 -25.18	32.57 0.23 -25.91	34.29 0.20 -26.93	37.85 0.14 -30.52	35.77 0.07 -29.92	31.37 0.20 -24.52	30.19 0.24 -23.74	31.80 0.22 -25.44	26.52 0.20 -20.43	20.14 0.25 -13.06	17.13 0.24 -9.62
NEG_PENN_ALLEGHNY 23528	14.13 0.24 -5.86	12.24 0.19 -5.87	11.20 0.19 -4.83	11.26 0.19 -4.89	11.56 0.20 -5.22	16.88 0.22 -10.27	20.18 0.34 -11.81	22.93 0.44 -13.68	24.12 0.48 -14.21	26.26 0.33 -18.81	27.95 0.32 -21.01	29.51 0.31 -22.71	29.78 0.32 -22.98	33.68 0.37 -25.82	34.44 0.30 -27.70	36.28 0.32 -28.80	40.13 0.31 -32.64	38.02 0.24 -32.00	33.18 0.31 -26.23	31.89 0.30 -25.38	33.65 0.30 -27.20	28.01 0.28 -21.85	21.10 0.30 -13.97	17.86 0.30 -10.29
NEG___GEN_MONROE 24207	12.11 -0.28 -4.36	10.24 -0.19 -4.25	9.82 -0.18 -3.82	9.80 -0.19 -3.80	10.29 -0.17 -4.32	15.63 -0.17 -9.41	18.78 -0.07 -10.82	21.38 0.04 -12.53	22.47 0.03 -13.02	24.29 -0.05 -17.22	25.83 -0.03 -19.24	27.25 -0.02 -20.78	27.50 0.01 -21.03	31.09 0.00 -23.61	31.75 -0.04 -25.35	33.44 -0.06 -26.35	36.95 -0.10 -29.87	34.98 -0.10 -29.31	30.60 -0.07 -24.02	29.39 -0.04 -23.23	30.98 -0.06 -24.89	25.80 -0.08 -19.99	19.53 -0.10 -12.80	16.59 -0.10 -9.43
NEPA___ENERGY 23901	12.95 -0.05 -4.97	11.08 -0.01 -4.91	10.42 0.01 -4.23	10.43 0.00 -4.24	10.85 0.02 -4.68	16.18 0.03 -9.75	19.40 0.14 -11.22	22.12 0.31 -13.00	23.24 0.31 -13.50	25.15 0.16 -17.87	26.73 0.15 -19.96	28.20 0.14 -21.57	28.49 0.17 -21.85	32.41 0.18 -24.74	32.85 0.10 -26.32	34.57 0.06 -27.35	38.20 0.01 -31.00	36.15 -0.03 -30.40	31.62 0.06 -24.92	30.44 0.12 -24.11	32.09 0.10 -25.84	26.74 0.10 -20.75	20.23 0.14 -13.27	17.18 0.14 -9.78
NEVERSINK___HYD 23608	18.54 0.83 -9.69	16.87 0.60 -10.09	14.09 0.61 -7.30	14.37 0.59 -7.59	14.04 0.61 -7.29	18.50 0.61 -11.49	22.05 0.80 -13.21	25.03 0.91 -15.31	26.35 1.03 -15.90	28.95 0.79 -21.04	30.85 0.72 -23.50	32.60 0.71 -25.39	32.90 0.74 -25.70	37.14 0.85 -28.80	38.18 0.76 -30.98	40.22 0.86 -32.20	44.53 0.85 -36.50	42.27 0.69 -35.80	36.77 0.78 -29.34	35.32 0.73 -28.39	37.28 0.71 -30.42	30.99 0.67 -24.44	23.22 0.76 -15.63	19.58 0.79 -11.52
NEWTON___FALLS_HYD 23847	10.11 -0.31 -2.40	7.95 -0.26 -2.03	7.87 -0.27 -1.97	7.85 -0.27 -1.93	8.13 -0.26 -2.25	9.88 -0.26 -3.75	12.78 -0.29 -5.03	12.12 -0.33 -3.63	12.66 -0.33 -3.57	16.17 -0.26 -9.31	17.46 -0.23 -11.07	18.18 -0.23 -11.91	18.30 -0.22 -12.05	18.19 -0.25 -10.95	19.97 -0.21 -13.75	19.56 -0.25 -12.65	20.87 -0.24 -13.93	22.16 -0.17 -16.56	19.91 -0.20 -13.46	18.76 -0.21 -12.76	20.09 -0.22 -14.15	18.53 -0.19 -12.84	14.82 -0.22 -8.21	13.09 -0.23 -6.05
NIAGARA_115E_LBMP 323715	12.09 -0.47 -4.53	10.29 -0.32 -4.43	9.83 -0.28 -3.93	9.82 -0.28 -3.92	10.29 -0.27 -4.42	15.56 -0.33 -9.51	18.66 -0.31 -10.93	21.28 -0.19 -12.66	22.32 -0.26 -13.15	24.22 -0.31 -17.41	25.77 -0.30 -19.45	27.22 -0.28 -21.00	27.54 -0.26 -21.33	31.78 -0.31 -24.61	31.74 -0.33 -25.63	33.40 -0.39 -26.64	36.93 -0.45 -30.19	35.01 -0.39 -29.62	30.58 -0.34 -24.28	29.40 -0.29 -23.48	31.00 -0.31 -25.16	25.79 -0.30 -20.21	19.48 -0.28 -12.93	16.56 -0.24 -9.53
NIAGARA_115W_LBMP 323714	12.05 -0.51 -4.53	10.27 -0.35 -4.43	9.81 -0.30 -3.93	9.80 -0.31 -3.92	10.27 -0.29 -4.42	15.54 -0.36 -9.51	18.62 -0.35 -10.94	21.24 -0.24 -12.67	22.26 -0.32 -13.16	24.18 -0.35 -17.41	25.74 -0.33 -19.45	27.18 -0.32 -21.01	27.52 -0.30 -21.35	31.87 -0.36 -24.74	31.71 -0.36 -25.63	33.37 -0.43 -26.64	36.90 -0.48 -30.20	34.99 -0.42 -29.63	30.56 -0.37 -24.29	29.38 -0.32 -23.49	30.97 -0.35 -25.17	25.77 -0.33 -20.22	19.45 -0.31 -12.94	16.52 -0.28 -9.53
NIAGARA_230_LBMP 323716	12.11 -0.44 -4.52	10.30 -0.30 -4.42	9.83 -0.27 -3.93	9.82 -0.28 -3.92	10.29 -0.26 -4.41	15.59 -0.31 -9.50	18.68 -0.28 -10.93	21.31 -0.16 -12.66	22.35 -0.23 -13.15	24.25 -0.26 -17.40	25.81 -0.25 -19.44	27.25 -0.24 -21.00	27.45 -0.22 -21.20	30.57 -0.27 -23.36	31.77 -0.28 -25.62	33.44 -0.34 -26.63	36.97 -0.40 -30.18	35.05 -0.34 -29.61	30.61 -0.30 -24.27	29.44 -0.24 -23.47	31.03 -0.27 -25.15	25.83 -0.26 -20.20	19.51 -0.24 -12.93	16.57 -0.22 -9.52
NIAGARA____ 23760	12.09 -0.47 -4.53	10.29 -0.31 -4.43	9.83 -0.28 -3.93	9.82 -0.28 -3.92	10.29 -0.27 -4.42	15.57 -0.33 -9.50	18.66 -0.31 -10.93	21.29 -0.19 -12.66	22.32 -0.25 -13.15	24.23 -0.29 -17.41	25.78 -0.28 -19.44	27.23 -0.27 -21.00	27.49 -0.25 -21.27	31.17 -0.30 -23.99	31.75 -0.31 -25.62	33.41 -0.38 -26.63	36.95 -0.42 -30.19	35.02 -0.37 -29.62	30.59 -0.33 -24.28	29.41 -0.27 -23.48	31.01 -0.30 -25.16	25.80 -0.29 -20.21	19.49 -0.27 -12.93	16.55 -0.24 -9.53

NINE_MILE_1 23575	11.60 -0.19 -3.77	9.67 -0.14 -3.63	9.42 -0.14 -3.38	9.39 -0.14 -3.34	9.89 -0.14 -3.89	15.01 -0.15 -8.77	17.97 -0.14 -10.08	20.36 -0.12 -11.68	21.42 -0.13 -12.13	23.04 -0.12 -16.05	24.44 -0.11 -17.93	25.75 -0.10 -19.37	25.97 -0.10 -19.60	29.34 -0.11 -21.96	29.96 -0.11 -23.63	31.59 -0.12 -24.56	34.89 -0.13 -27.84	32.98 -0.10 -27.31	28.91 -0.11 -22.38	27.75 -0.11 -21.65	29.24 -0.10 -23.20	24.41 -0.11 -18.64	18.62 -0.13 -11.92	15.90 -0.15 -8.78
NINE_MILE_2 23744	11.61 -0.18 -3.77	9.66 -0.14 -3.62	9.41 -0.14 -3.38	9.38 -0.14 -3.34	9.89 -0.14 -3.88	15.01 -0.14 -8.76	17.96 -0.14 -10.07	20.35 -0.12 -11.67	21.41 -0.13 -12.12	23.03 -0.12 -16.03	24.43 -0.11 -17.91	25.74 -0.10 -19.35	25.95 -0.10 -19.58	29.32 -0.11 -21.94	29.93 -0.11 -23.61	31.57 -0.12 -24.54	34.87 -0.13 -27.81	32.96 -0.10 -27.28	28.89 -0.11 -22.36	27.74 -0.10 -21.63	29.22 -0.10 -23.18	24.40 -0.11 -18.62	18.61 -0.13 -11.91	15.89 -0.15 -8.78
NM_CAPITAL___DRP 24208	19.65 0.52 -11.11	18.31 0.43 -11.70	14.80 0.44 -8.18	15.17 0.43 -8.55	14.55 0.44 -7.97	18.54 0.44 -11.71	21.80 0.35 -13.41	24.79 0.28 -15.70	25.98 0.24 -16.32	28.57 0.18 -21.27	30.51 0.17 -23.71	32.27 0.16 -25.62	32.56 0.17 -25.93	36.92 0.19 -29.24	37.94 0.19 -31.32	40.04 0.21 -32.67	44.46 0.22 -37.06	42.12 0.21 -36.14	36.49 0.22 -29.63	35.09 0.20 -28.68	37.06 0.21 -30.70	30.63 0.19 -24.56	22.82 0.29 -15.71	19.17 0.33 -11.57
NM_CENTRAL___DRP 24181	12.12 -0.04 -4.13	10.15 -0.03 -4.00	9.81 -0.03 -3.66	9.78 -0.04 -3.63	10.29 -0.03 -4.18	15.65 -0.03 -9.29	18.76 0.04 -10.69	21.29 0.10 -12.38	22.39 0.10 -12.86	24.19 0.06 -17.02	25.69 0.06 -19.01	27.09 0.06 -20.53	27.32 0.07 -20.78	30.86 0.09 -23.29	31.56 0.06 -25.05	33.26 0.06 -26.04	36.76 0.06 -29.52	34.77 0.04 -28.96	30.44 0.06 -23.73	29.22 0.06 -22.96	30.80 0.06 -24.60	25.68 0.04 -19.76	19.50 0.03 -12.64	16.59 0.01 -9.31
NM_FRONTIER___DRP 24179	12.05 -0.51 -4.53	10.27 -0.35 -4.43	9.81 -0.30 -3.93	9.80 -0.31 -3.92	10.27 -0.29 -4.42	15.54 -0.36 -9.51	18.62 -0.35 -10.94	21.24 -0.24 -12.67	22.26 -0.32 -13.16	24.18 -0.35 -17.41	25.74 -0.33 -19.45	27.18 -0.32 -21.01	27.52 -0.30 -21.35	31.87 -0.36 -24.74	31.71 -0.36 -25.63	33.37 -0.43 -26.64	36.90 -0.48 -30.20	34.99 -0.42 -29.63	30.56 -0.37 -24.29	29.38 -0.32 -23.49	30.97 -0.35 -25.17	25.77 -0.33 -20.22	19.45 -0.31 -12.94	16.52 -0.28 -9.53
NM_ST_REGIS___HYD 24053	8.93 -0.46 -1.36	6.72 -0.37 -0.91	6.71 -0.38 -0.91	6.70 -0.37 -0.88	6.78 -0.37 -1.00	6.08 -0.38 -0.07	8.78 -0.47 -1.21	6.22 -0.56 2.03	6.41 -0.58 2.43	10.64 -0.43 -3.96	11.69 -0.40 -5.47	11.94 -0.40 -5.84	11.98 -0.39 -5.91	9.65 -0.46 -2.63	11.94 -0.39 -5.89	10.29 -0.44 -3.57	10.15 -0.43 -3.39	13.30 -0.33 -7.86	12.53 -0.39 -6.27	11.49 -0.37 -5.65	12.59 -0.38 -6.81	13.30 -0.35 -7.77	11.42 -0.38 -4.97	10.56 -0.37 -3.66
NORTHPORT___1 23551	21.07 1.17 -11.87	17.50 0.82 -10.50	14.53 0.83 -7.53	14.78 0.79 -7.80	14.43 0.85 -7.43	18.82 0.89 -11.53	27.53 1.15 -18.34	30.11 1.25 -20.04	34.45 1.36 -23.67	37.33 1.05 -29.16	36.71 0.93 -29.16	36.96 0.93 -29.54	34.83 0.96 -27.41	37.42 1.07 -28.87	39.26 0.96 -31.86	41.56 1.08 -33.32	50.66 1.05 -42.43	49.58 0.85 -42.95	41.60 0.94 -34.01	41.50 0.89 -34.41	46.36 0.87 -39.35	38.81 0.84 -32.09	31.81 1.02 -23.97	26.98 1.06 -18.66
NORTHPORT___2 23552	21.07 1.17 -11.87	17.50 0.82 -10.50	14.53 0.83 -7.53	14.78 0.79 -7.80	14.43 0.85 -7.43	18.82 0.89 -11.53	27.53 1.15 -18.34	30.11 1.25 -20.04	34.45 1.36 -23.67	37.33 1.05 -29.16	36.71 0.93 -29.16	36.96 0.93 -29.54	34.83 0.96 -27.41	37.42 1.07 -28.87	39.26 0.96 -31.86	41.56 1.08 -33.32	50.66 1.05 -42.43	49.58 0.85 -42.95	41.60 0.94 -34.01	41.50 0.89 -34.41	46.36 0.87 -39.35	38.81 0.84 -32.09	31.81 1.02 -23.97	26.98 1.06 -18.66
NORTHPORT___3 23553	20.96 1.07 -11.87	17.44 0.75 -10.50	14.47 0.76 -7.53	14.72 0.73 -7.80	14.36 0.78 -7.43	18.74 0.82 -11.53	27.42 1.04 -18.34	30.00 1.15 -20.04	34.30 1.21 -23.67	37.18 0.90 -29.16	36.57 0.79 -29.16	36.81 0.79 -29.53	34.68 0.81 -27.40	37.26 0.91 -28.87	39.11 0.82 -31.85	41.40 0.93 -33.31	50.50 0.90 -42.42	49.45 0.73 -42.95	41.45 0.80 -34.00	41.36 0.76 -34.39	46.23 0.74 -39.34	38.67 0.72 -32.08	31.74 0.94 -23.97	26.94 1.02 -18.65
NORTHPORT___4 23650	20.96 1.07 -11.87	17.44 0.75 -10.50	14.47 0.76 -7.53	14.72 0.73 -7.80	14.36 0.78 -7.43	18.74 0.82 -11.53	27.42 1.04 -18.34	30.00 1.15 -20.04	34.30 1.21 -23.67	37.18 0.90 -29.16	36.57 0.79 -29.16	36.81 0.79 -29.53	34.68 0.81 -27.40	37.26 0.91 -28.87	39.11 0.82 -31.85	41.40 0.93 -33.31	50.50 0.90 -42.42	49.45 0.73 -42.95	41.45 0.80 -34.00	41.36 0.76 -34.39	46.23 0.74 -39.34	38.67 0.72 -32.08	31.74 0.94 -23.97	26.94 1.02 -18.65
NORTHPORT___IC 23718	21.07 1.17 -11.87	17.50 0.82 -10.50	14.53 0.83 -7.53	14.78 0.79 -7.80	14.43 0.85 -7.43	18.82 0.89 -11.53	27.53 1.15 -18.34	30.11 1.25 -20.04	34.45 1.36 -23.67	37.33 1.05 -29.16	36.71 0.93 -29.16	36.96 0.93 -29.54	34.83 0.96 -27.41	37.42 1.07 -28.87	39.26 0.96 -31.86	41.56 1.08 -33.32	50.66 1.05 -42.43	49.58 0.85 -42.95	41.60 0.94 -34.01	41.50 0.89 -34.41	46.36 0.87 -39.35	38.81 0.84 -32.09	31.81 1.02 -23.97	26.98 1.06 -18.66
NPX_GEN_1385_PROXY 323591	21.07 1.17 -11.87	17.50 0.82 -10.50	14.53 0.83 -7.53	14.78 0.79 -7.80	14.43 0.85 -7.43	18.82 0.89 -11.53	27.53 1.15 -18.34	30.35 1.25 -20.28	34.21 1.36 -23.43	37.33 1.05 -29.16	36.71 0.93 -29.16	36.96 0.93 -29.54	34.83 0.96 -27.41	37.42 1.07 -28.87	39.26 0.96 -31.86	41.56 1.08 -33.32	50.66 1.05 -42.43	49.58 0.85 -42.95	41.28 0.94 -33.70	41.82 0.89 -34.72	46.36 0.87 -39.35	38.81 0.84 -32.09	31.81 1.02 -23.97	26.98 1.06 -18.66
NPX_GEN_CSC 323557	21.13 1.24 -11.87	17.49 0.80 -10.50	14.52 0.82 -7.53	14.76 0.77 -7.80	14.41 0.84 -7.43	18.85 0.93 -11.53	27.61 1.23 -18.34	30.32 1.19 -20.32	34.16 1.30 -23.44	37.31 1.03 -29.17	36.69 0.89 -29.18	37.00 0.90 -29.62	34.92 0.92 -27.53	37.39 1.03 -28.88	39.36 0.93 -31.99	41.65 1.05 -33.45	50.72 1.03 -42.51	49.65 0.83 -43.04	41.39 0.92 -33.83	41.98 0.86 -34.91	46.45 0.84 -39.46	38.91 0.81 -32.22	31.81 0.98 -24.00	26.94 1.00 -18.68
NSINS_S_GLNS_FALLS 23858	20.05 0.74 -11.29	18.64 0.56 -11.90	15.04 0.56 -8.30	15.42 0.56 -8.68	14.77 0.57 -8.05	18.73 0.59 -11.74	22.19 0.72 -13.44	25.29 0.73 -15.75	26.49 0.69 -16.37	28.94 0.53 -21.29	30.84 0.50 -23.72	32.59 0.46 -25.63	32.87 0.46 -25.94	37.32 0.55 -29.29	38.26 0.48 -31.34	40.42 0.55 -32.71	44.87 0.57 -37.12	42.40 0.47 -36.16	36.82 0.53 -29.65	35.40 0.48 -28.70	37.38 0.52 -30.72	30.91 0.47 -24.55	23.14 0.61 -15.70	19.48 0.65 -11.57
NUCOR_STEEL___DRP 24197	12.51 0.05 -4.43	10.55 0.04 -4.33	10.07 0.04 -3.85	10.07 0.04 -3.84	10.53 0.04 -4.34	15.81 0.06 -9.36	18.96 0.15 -10.77	21.52 0.23 -12.48	22.63 0.24 -12.96	24.41 0.15 -17.15	25.93 0.15 -19.16	27.33 0.15 -20.69	27.57 0.16 -20.94	31.15 0.19 -23.47	31.83 0.15 -25.25	33.56 0.16 -26.24	37.08 0.15 -29.74	35.08 0.12 -29.18	30.72 0.16 -23.92	29.49 0.15 -23.13	31.09 0.15 -24.79	25.92 0.13 -19.91	19.69 0.12 -12.74	16.75 0.10 -9.39

NYISO_LBMP_REFERENCE 24008	8.02 0.00 0.00	6.18 0.00 0.00	6.18 0.00 0.00	6.19 0.00 0.00	6.14 0.00 0.00	6.39 0.00 0.00	8.04 0.00 0.00	8.81 0.00 0.00	9.43 0.00 0.00	7.12 0.00 0.00	6.62 0.00 0.00	6.49 0.00 0.00	6.47 0.00 0.00	7.48 0.00 0.00	6.44 0.00 0.00	7.16 0.00 0.00	7.18 0.00 0.00	5.78 0.00 0.00	6.64 0.00 0.00	6.21 0.00 0.00	6.15 0.00 0.00	5.88 0.00 0.00	6.83 0.00 0.00	7.27 0.00 0.00
NYPA_BRENTWD____GT 24164	21.15 1.26 -11.87	17.56 0.88 -10.50	14.60 0.89 -7.53	14.84 0.85 -7.80	14.49 0.91 -7.43	18.89 0.97 -11.53	27.63 1.25 -18.34	30.31 1.37 -20.13	34.60 1.49 -23.69	37.45 1.16 -29.18	36.85 1.03 -29.20	37.25 1.03 -29.73	35.23 1.05 -27.71	37.57 1.19 -28.90	39.69 1.06 -32.19	41.98 1.20 -33.62	50.99 1.17 -42.63	49.90 0.95 -43.17	42.02 1.05 -34.33	42.06 0.98 -34.87	46.74 0.97 -39.63	39.22 0.93 -32.41	31.98 1.11 -24.04	27.13 1.15 -18.72
NYPA_GOWANUS____GT5 24156	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NYPA_GOWANUS____GT6 24157	19.14 1.05 -10.07	17.45 0.76 -10.51	14.47 0.76 -7.54	14.75 0.75 -7.80	14.35 0.77 -7.44	18.70 0.78 -11.53	22.62 1.01 -13.58	26.64 1.15 -16.69	32.20 1.24 -21.53	36.04 0.95 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.89 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.72 0.96 -36.58	44.10 0.78 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.61 0.92 -21.86	25.07 0.97 -16.83
NYPA_HARLEM__RVR__GT1 24160	19.11 1.02 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.70 0.71 -7.80	14.31 0.72 -7.44	18.65 0.73 -11.52	22.56 0.96 -13.57	25.61 1.08 -15.71	27.26 1.18 -16.66	41.96 0.91 -33.93	31.38 0.83 -23.93	33.70 0.82 -26.38	33.58 0.85 -26.27	37.44 0.97 -28.99	38.41 0.84 -31.13	40.37 0.93 -32.29	44.64 0.88 -36.57	42.91 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.06 0.75 -31.16	31.72 0.75 -25.10	24.18 0.87 -16.48	20.42 0.92 -12.24
NYPA_HARLEM__RVR__GT2 24161	19.11 1.02 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.70 0.71 -7.80	14.31 0.72 -7.44	18.65 0.73 -11.52	22.56 0.96 -13.57	25.61 1.08 -15.71	27.26 1.18 -16.66	41.96 0.91 -33.93	31.38 0.83 -23.93	33.70 0.82 -26.38	33.58 0.85 -26.27	37.44 0.97 -28.99	38.41 0.84 -31.13	40.37 0.93 -32.29	44.64 0.88 -36.57	42.91 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.06 0.75 -31.16	31.72 0.75 -25.10	24.18 0.87 -16.48	20.42 0.92 -12.24
NYPA_KENT____GT 24152	19.13 1.04 -10.07	17.45 0.75 -10.51	14.46 0.75 -7.54	14.73 0.74 -7.80	14.34 0.76 -7.44	18.69 0.77 -11.53	22.61 1.00 -13.58	26.61 1.12 -16.68	32.15 1.22 -21.50	36.03 0.93 -27.98	36.67 0.86 -29.19	37.02 0.85 -29.68	37.63 0.87 -30.29	38.44 1.00 -29.95	39.26 0.88 -31.95	40.43 0.97 -32.30	44.70 0.93 -36.58	43.63 0.76 -37.09	39.90 0.87 -32.39	36.03 0.82 -29.00	38.11 0.79 -31.17	31.75 0.78 -25.10	29.54 0.90 -21.82	25.01 0.94 -16.80
NYPA_POUCH1____GT 24155	19.14 1.05 -10.07	17.44 0.75 -10.51	14.48 0.77 -7.54	14.75 0.75 -7.80	14.36 0.77 -7.44	18.70 0.78 -11.53	22.63 1.02 -13.58	26.64 1.15 -16.69	32.21 1.25 -21.53	36.03 0.93 -27.98	36.73 0.88 -29.22	37.07 0.87 -29.71	37.64 0.88 -30.29	38.47 1.03 -29.96	39.28 0.89 -31.95	40.45 0.99 -32.30	44.71 0.94 -36.58	44.10 0.77 -37.55	41.42 0.89 -33.88	36.05 0.84 -29.01	38.14 0.81 -31.18	31.77 0.79 -25.10	29.60 0.91 -21.86	25.07 0.97 -16.83
NYPA_VERNON____GT2 24162	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.72 0.72 -7.80	14.32 0.74 -7.44	18.68 0.75 -11.53	22.58 0.97 -13.58	26.59 1.10 -16.68	32.10 1.20 -21.47	36.02 0.92 -27.98	36.61 0.84 -29.15	36.98 0.84 -29.65	37.62 0.86 -30.29	38.41 0.99 -29.94	39.24 0.86 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	43.17 0.75 -36.64	38.38 0.85 -30.89	36.00 0.80 -28.99	38.09 0.77 -31.16	31.74 0.76 -25.10	29.49 0.89 -21.78	24.96 0.93 -16.76
NYPA_VERNON____GT3 24163	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.72 0.72 -7.80	14.32 0.74 -7.44	18.68 0.75 -11.53	22.58 0.97 -13.58	26.59 1.10 -16.68	32.10 1.20 -21.47	36.02 0.92 -27.98	36.61 0.84 -29.15	36.98 0.84 -29.65	37.62 0.86 -30.29	38.41 0.99 -29.94	39.24 0.86 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	43.17 0.75 -36.64	38.38 0.85 -30.89	36.00 0.80 -28.99	38.09 0.77 -31.16	31.74 0.76 -25.10	29.49 0.89 -21.78	24.96 0.93 -16.76
NYPA__ASTORIA_CC1 323568	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.23 0.84 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
NYPA__ASTORIA_CC2 323569	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.06 1.18 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.23 0.84 -31.95	40.40 0.94 -32.30	44.67 0.90 -36.58	42.92 0.73 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
NYPA__HOLTSVILL 23794	21.12 1.23 -11.87	17.52 0.84 -10.50	14.55 0.85 -7.53	14.80 0.81 -7.80	14.45 0.87 -7.43	18.86 0.94 -11.53	27.59 1.21 -18.34	30.17 1.29 -20.08	34.51 1.40 -23.68	37.38 1.10 -29.17	36.76 0.97 -29.17	37.07 0.97 -29.61	34.98 0.99 -27.52	37.46 1.10 -28.88	39.40 0.98 -31.98	41.71 1.12 -33.43	50.76 1.08 -42.50	49.69 0.88 -43.03	41.74 0.96 -34.13	41.70 0.91 -34.58	46.49 0.89 -39.45	38.95 0.86 -32.21	31.87 1.04 -24.00	27.02 1.08 -18.68
NYPA__HELLGATE_GT1 24158	19.11 1.02 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.70 0.71 -7.80	14.31 0.72 -7.44	18.65 0.73 -11.52	22.56 0.96 -13.57	27.56 1.08 -17.66	37.02 1.18 -26.41	30.00 0.91 -21.98	34.46 0.83 -27.01	32.96 0.82 -25.65	40.62 0.85 -33.31	39.36 0.97 -30.90	39.74 0.84 -32.46	40.37 0.93 -32.29	44.64 0.88 -36.57	42.91 0.73 -36.41	37.60 0.84 -30.11	35.99 0.79 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	34.91 0.87 -27.21	29.58 0.92 -21.40
NYPA__HELLGATE_GT2 24159	19.11 1.02 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.70 0.71 -7.80	14.31 0.72 -7.44	18.65 0.73 -11.52	22.56 0.96 -13.57	27.56 1.08 -17.66	37.02 1.18 -26.41	30.00 0.91 -21.98	34.46 0.83 -27.01	32.96 0.82 -25.65	40.62 0.85 -33.31	39.36 0.97 -30.90	39.74 0.84 -32.46	40.37 0.93 -32.29	44.64 0.88 -36.57	42.91 0.73 -36.41	37.60 0.84 -30.11	35.99 0.79 -28.99	38.06 0.75 -31.16	31.73 0.75 -25.10	34.91 0.87 -27.21	29.58 0.92 -21.40

NYS_BARGE___HYD 23848	12.16 -0.37 -4.50	10.34 -0.24 -4.40	9.89 -0.20 -3.91	9.88 -0.21 -3.90	10.35 -0.20 -4.40	15.63 -0.25 -9.49	18.77 -0.18 -10.91	21.38 -0.08 -12.64	22.42 -0.13 -13.13	24.29 -0.21 -17.38	25.84 -0.20 -19.41	27.28 -0.18 -20.97	27.59 -0.16 -21.28	31.67 -0.19 -24.38	31.79 -0.23 -25.58	33.47 -0.28 -26.59	36.99 -0.33 -30.14	35.05 -0.29 -29.57	30.65 -0.23 -24.24	29.46 -0.19 -23.44	31.05 -0.22 -25.12	25.85 -0.21 -20.18	19.54 -0.19 -12.91	16.65 -0.13 -9.51
O.H_GEN_BRUCE 24063	12.35 -0.33 -4.65	10.52 -0.22 -4.56	10.00 -0.19 -4.01	10.00 -0.20 -4.01	10.45 -0.18 -4.49	15.76 -0.21 -9.58	18.90 -0.15 -11.02	21.79 -0.03 -13.00	22.38 -0.07 -13.02	23.97 -0.14 -16.99	24.30 -0.14 -17.82	25.14 -0.13 -18.78	25.55 -0.11 -19.19	25.44 -0.13 -18.09	27.00 -0.17 -20.73	27.50 -0.23 -20.57	28.04 -0.27 -21.13	30.00 -0.25 -24.47	28.49 -0.19 -22.04	28.60 -0.14 -22.53	29.50 -0.16 -23.51	25.47 -0.15 -19.74	19.73 -0.13 -13.03	16.75 -0.12 -9.60
OAK_ORCHARD___HYD 24046	12.14 -0.24 -4.36	10.25 -0.17 -4.24	9.84 -0.15 -3.81	9.83 -0.15 -3.79	10.31 -0.15 -4.31	15.64 -0.15 -9.40	18.79 -0.06 -10.81	21.39 0.05 -12.53	22.48 0.05 -13.01	24.30 -0.04 -17.22	25.83 -0.03 -19.23	27.24 -0.02 -20.77	27.49 0.01 -21.02	31.05 0.01 -23.55	31.75 -0.03 -25.34	33.45 -0.04 -26.34	36.97 -0.06 -29.85	35.00 -0.07 -29.29	30.63 -0.03 -24.01	29.42 -0.01 -23.22	31.00 -0.03 -24.88	25.82 -0.05 -19.99	19.55 -0.06 -12.79	16.62 -0.07 -9.42
OCC_CHEM___DRP 24175	12.08 -0.48 -4.54	10.29 -0.33 -4.44	9.83 -0.28 -3.93	9.82 -0.30 -3.92	10.28 -0.28 -4.42	15.56 -0.35 -9.51	18.64 -0.33 -10.94	21.27 -0.21 -12.67	22.30 -0.28 -13.16	24.21 -0.32 -17.41	25.77 -0.30 -19.45	27.21 -0.29 -21.01	27.56 -0.27 -21.37	32.07 -0.33 -24.91	31.74 -0.33 -25.64	33.40 -0.40 -26.65	36.93 -0.45 -30.20	35.02 -0.39 -29.63	30.59 -0.35 -24.29	29.41 -0.29 -23.49	30.99 -0.33 -25.17	25.79 -0.31 -20.22	19.48 -0.28 -12.94	16.54 -0.25 -9.53
OLIN_CORP_DRP 24177	12.12 -0.44 -4.54	10.32 -0.30 -4.44	9.86 -0.26 -3.94	9.85 -0.27 -3.93	10.31 -0.25 -4.42	15.59 -0.31 -9.51	18.70 -0.27 -10.94	21.32 -0.16 -12.67	22.36 -0.23 -13.16	24.26 -0.28 -17.42	25.81 -0.27 -19.46	27.26 -0.25 -21.01	27.61 -0.23 -21.37	32.10 -0.28 -24.90	31.78 -0.30 -25.64	33.45 -0.36 -26.65	36.98 -0.41 -30.21	35.06 -0.36 -29.64	30.63 -0.31 -24.29	29.45 -0.25 -23.49	31.04 -0.28 -25.17	25.83 -0.27 -20.22	19.52 -0.25 -12.94	16.59 -0.21 -9.53
OLIN_CORP_DSASP 323712	12.08 -0.48 -4.54	10.29 -0.33 -4.44	9.83 -0.28 -3.93	9.82 -0.30 -3.92	10.28 -0.28 -4.42	15.56 -0.35 -9.51	18.64 -0.33 -10.94	21.27 -0.21 -12.67	22.30 -0.28 -13.16	24.21 -0.32 -17.41	25.77 -0.30 -19.45	27.21 -0.29 -21.01	27.56 -0.27 -21.37	32.07 -0.33 -24.91	31.74 -0.33 -25.64	33.40 -0.40 -26.65	36.93 -0.45 -30.20	35.02 -0.39 -29.63	30.59 -0.35 -24.29	29.41 -0.29 -23.49	30.99 -0.33 -25.17	25.79 -0.31 -20.22	19.48 -0.28 -12.94	16.54 -0.25 -9.53
ONEIDA_HERK_LFGE 323681	12.12 0.12 -3.97	9.97 0.07 -3.72	9.91 0.07 -3.66	9.84 0.07 -3.58	10.51 0.06 -4.31	16.46 0.08 -9.99	19.78 0.17 -11.58	22.16 0.21 -13.13	23.29 0.24 -13.62	25.89 0.17 -18.60	27.66 0.17 -20.87	29.18 0.16 -22.54	29.44 0.17 -22.80	32.92 0.20 -25.23	34.00 0.17 -27.40	35.60 0.18 -28.27	39.36 0.19 -31.99	37.69 0.17 -31.74	32.85 0.20 -26.00	31.50 0.17 -25.12	33.29 0.16 -26.98	27.90 0.15 -21.86	20.96 0.15 -13.98	17.70 0.13 -10.30
ONONDAGA_REF_OCCRA 23987	12.31 0.02 -4.26	10.33 0.02 -4.13	9.94 0.02 -3.74	9.92 0.01 -3.72	10.41 0.02 -4.25	15.75 0.03 -9.33	18.87 0.10 -10.73	21.42 0.18 -12.43	22.53 0.19 -12.91	24.33 0.12 -17.09	25.83 0.12 -19.09	27.23 0.12 -20.62	27.47 0.13 -20.87	31.03 0.16 -23.39	31.72 0.12 -25.16	33.44 0.13 -26.15	36.95 0.12 -29.65	34.95 0.09 -29.08	30.60 0.12 -23.84	29.38 0.12 -23.06	30.97 0.12 -24.71	25.82 0.09 -19.85	19.61 0.09 -12.70	16.69 0.07 -9.35
ONONDAGA___COGEN 23986	12.18 -0.01 -4.16	10.21 -0.01 -4.04	9.84 -0.01 -3.67	9.82 -0.01 -3.64	10.31 -0.01 -4.17	15.58 0.01 -9.18	18.67 0.07 -10.56	21.17 0.12 -12.23	22.26 0.13 -12.71	24.01 0.07 -16.82	25.48 0.07 -18.79	26.86 0.08 -20.29	27.09 0.08 -20.53	30.60 0.10 -23.01	31.27 0.08 -24.76	32.97 0.08 -25.73	36.42 0.07 -29.17	34.45 0.06 -28.62	30.18 0.08 -23.46	28.97 0.07 -22.68	30.54 0.08 -24.31	25.47 0.06 -19.53	19.37 0.05 -12.49	16.51 0.04 -9.21
ONTARIO___LFGE 23819	12.59 0.03 -4.53	10.64 0.03 -4.43	10.14 0.03 -3.93	10.13 0.02 -3.92	10.60 0.04 -4.41	15.93 0.07 -9.47	19.15 0.22 -10.89	21.76 0.33 -12.62	22.88 0.35 -13.11	24.68 0.21 -17.35	26.21 0.21 -19.38	27.58 0.20 -20.89	27.82 0.22 -21.13	31.43 0.26 -23.69	32.11 0.19 -25.48	33.84 0.20 -26.49	37.38 0.18 -30.02	35.44 0.14 -29.52	31.04 0.21 -24.19	29.77 0.21 -23.35	31.38 0.21 -25.02	26.15 0.17 -20.10	19.88 0.17 -12.89	16.91 0.15 -9.50
ORANGEVILLE_WT_PWR 323706	12.34 -0.26 -4.57	10.49 -0.16 -4.47	10.01 -0.12 -3.96	10.00 -0.14 -3.95	10.47 -0.12 -4.44	15.77 -0.15 -9.53	18.94 -0.06 -10.96	21.63 0.12 -12.69	22.70 0.09 -13.19	24.54 -0.03 -17.45	26.09 -0.03 -19.49	27.53 -0.01 -21.05	27.90 0.01 -21.42	32.57 0.00 -25.08	32.07 -0.06 -25.69	33.76 -0.10 -26.70	37.29 -0.16 -30.26	35.31 -0.16 -29.69	30.92 -0.07 -24.34	29.71 -0.03 -23.54	31.31 -0.06 -25.22	26.08 -0.06 -20.26	19.76 -0.03 -12.96	16.80 -0.02 -9.55
OSWEGATCHIE___HYD 24044	10.11 -0.31 -2.40	7.95 -0.26 -2.03	7.87 -0.27 -1.97	7.85 -0.27 -1.93	8.13 -0.26 -2.25	9.88 -0.26 -3.75	12.78 -0.29 -5.03	12.12 -0.33 -3.63	12.66 -0.33 -3.57	16.17 -0.26 -9.31	17.46 -0.23 -11.07	18.18 -0.23 -11.91	18.30 -0.22 -12.05	18.19 -0.25 -10.95	19.97 -0.21 -13.75	19.56 -0.25 -12.65	20.87 -0.24 -13.93	22.16 -0.17 -16.56	19.91 -0.20 -13.46	18.76 -0.21 -12.76	20.09 -0.22 -14.15	18.53 -0.19 -12.84	14.82 -0.22 -8.21	13.09 -0.23 -6.05
OSWEGO___5 23606	11.61 -0.14 -3.72	9.67 -0.11 -3.59	9.39 -0.11 -3.32	9.37 -0.11 -3.28	9.84 -0.10 -3.80	14.78 -0.10 -8.49	17.71 -0.09 -9.76	20.06 -0.06 -11.31	21.10 -0.07 -11.74	22.59 -0.07 -15.54	23.92 -0.06 -17.36	25.18 -0.06 -18.75	25.39 -0.05 -18.97	28.69 -0.06 -21.27	29.26 -0.06 -22.88	30.87 -0.07 -23.78	34.06 -0.08 -26.95	32.16 -0.06 -26.44	28.25 -0.07 -21.67	27.12 -0.06 -20.96	28.56 -0.06 -22.46	23.86 -0.06 -18.04	18.29 -0.08 -11.54	15.67 -0.10 -8.51
OSWEGO___6 23613	11.61 -0.14 -3.72	9.67 -0.11 -3.59	9.39 -0.11 -3.32	9.37 -0.11 -3.28	9.84 -0.10 -3.80	14.78 -0.10 -8.49	17.71 -0.09 -9.76	20.06 -0.06 -11.31	21.10 -0.07 -11.74	22.59 -0.07 -15.54	23.92 -0.06 -17.36	25.18 -0.06 -18.75	25.39 -0.05 -18.97	28.69 -0.06 -21.27	29.26 -0.06 -22.88	30.87 -0.07 -23.78	34.06 -0.08 -26.95	32.16 -0.06 -26.44	28.25 -0.07 -21.67	27.12 -0.06 -20.96	28.56 -0.06 -22.46	23.86 -0.06 -18.04	18.29 -0.08 -11.54	15.67 -0.10 -8.51
OUTOKUMPU-AB___DRP 24206	12.31 -0.26 -4.55	10.47 -0.16 -4.45	10.01 -0.12 -3.95	9.99 -0.13 -3.94	10.46 -0.11 -4.43	15.76 -0.15 -9.52	18.92 -0.06 -10.95	21.58 0.09 -12.68	22.64 0.05 -13.17	24.48 -0.06 -17.43	26.04 -0.06 -19.47	27.48 -0.05 -21.03	27.84 -0.02 -21.39	32.39 -0.04 -24.94	32.01 -0.09 -25.66	33.69 -0.14 -26.67	37.22 -0.19 -30.23	35.25 -0.19 -29.66	30.89 -0.07 -24.31	29.68 -0.04 -23.51	31.27 -0.07 -25.19	26.04 -0.08 -20.24	19.74 -0.03 -12.95	16.78 -0.03 -9.54

OXBOW____ 24026	12.21 -0.36 -4.54	10.39 -0.23 -4.44	9.93 -0.19 -3.94	9.91 -0.20 -3.93	10.39 -0.18 -4.43	15.67 -0.24 -9.51	18.80 -0.18 -10.94	21.45 -0.04 -12.68	22.51 -0.08 -13.17	24.37 -0.17 -17.42	25.92 -0.17 -19.46	27.36 -0.15 -21.02	27.72 -0.12 -21.38	32.25 -0.16 -24.93	31.89 -0.19 -25.65	33.57 -0.24 -26.66	37.10 -0.30 -30.22	35.15 -0.27 -29.65	30.76 -0.19 -24.30	29.56 -0.15 -23.50	31.15 -0.18 -25.18	25.93 -0.18 -20.23	19.63 -0.14 -12.94	16.67 -0.13 -9.54
OXY_CHEM_DSASP 323612	12.08 -0.48 -4.54	10.29 -0.33 -4.44	9.83 -0.28 -3.93	9.82 -0.30 -3.92	10.28 -0.28 -4.42	15.56 -0.35 -9.51	18.64 -0.33 -10.94	21.27 -0.21 -12.67	22.30 -0.28 -13.16	24.21 -0.32 -17.41	25.77 -0.30 -19.45	27.21 -0.29 -21.01	27.56 -0.27 -21.37	32.07 -0.33 -24.91	31.74 -0.33 -25.64	33.40 -0.40 -26.65	36.93 -0.45 -30.20	35.02 -0.39 -29.63	30.59 -0.35 -24.29	29.41 -0.29 -23.49	30.99 -0.33 -25.17	25.79 -0.31 -20.22	19.48 -0.28 -12.94	16.54 -0.25 -9.53
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	12.08 -0.48 -4.54	10.29 -0.33 -4.44	9.83 -0.28 -3.93	9.82 -0.30 -3.92	10.28 -0.28 -4.42	15.56 -0.35 -9.51	18.64 -0.33 -10.94	21.27 -0.21 -12.67	22.30 -0.28 -13.16	24.21 -0.32 -17.41	25.77 -0.30 -19.45	27.21 -0.29 -21.01	27.56 -0.27 -21.37	32.07 -0.33 -24.91	31.74 -0.33 -25.64	33.40 -0.40 -26.65	36.93 -0.45 -30.20	35.02 -0.39 -29.63	30.59 -0.35 -24.29	29.41 -0.29 -23.49	30.99 -0.33 -25.17	25.79 -0.31 -20.22	19.48 -0.28 -12.94	16.54 -0.25 -9.53
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.09 0.99 -10.07	17.43 0.73 -10.51	14.45 0.73 -7.54	14.69 0.70 -7.80	14.29 0.71 -7.44	18.63 0.72 -11.52	22.53 0.92 -13.57	25.46 1.04 -15.61	26.72 1.14 -16.15	29.36 0.88 -21.36	31.20 0.80 -23.77	32.89 0.79 -25.61	33.19 0.82 -25.90	37.32 0.94 -28.89	38.32 0.82 -31.06	40.35 0.91 -32.29	44.63 0.88 -36.57	42.89 0.71 -36.41	37.56 0.81 -30.11	35.96 0.76 -28.99	38.05 0.74 -31.16	31.70 0.72 -25.10	23.59 0.84 -15.92	19.92 0.89 -11.77
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.11 1.02 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.70 0.71 -7.80	14.30 0.72 -7.44	18.65 0.73 -11.52	22.55 0.94 -13.57	25.49 1.07 -15.61	26.75 1.17 -16.15	29.38 0.91 -21.36	31.22 0.83 -23.77	32.92 0.82 -25.61	33.22 0.85 -25.90	37.35 0.97 -28.89	38.35 0.85 -31.06	40.39 0.94 -32.29	44.67 0.91 -36.57	42.92 0.74 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	23.62 0.87 -15.92	19.94 0.91 -11.77
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	12.63 -0.04 -4.65	10.74 0.00 -4.56	10.22 0.03 -4.01	10.21 0.02 -4.01	10.68 0.04 -4.49	16.00 0.03 -9.57	19.23 0.18 -11.01	21.99 0.42 -12.75	23.12 0.45 -13.25	24.90 0.25 -17.53	26.44 0.24 -19.58	27.89 0.24 -21.16	28.27 0.27 -21.53	32.99 0.30 -25.20	32.45 0.19 -25.82	34.17 0.17 -26.84	37.71 0.11 -30.42	35.66 0.05 -29.83	31.27 0.17 -24.45	30.08 0.21 -23.66	31.68 0.18 -25.35	26.41 0.16 -20.36	20.06 0.21 -13.02	17.07 0.20 -9.60
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.06 0.91 -10.13	17.43 0.66 -10.59	14.42 0.67 -7.57	14.70 0.64 -7.87	14.29 0.66 -7.49	18.58 0.66 -11.52	22.13 0.85 -13.24	25.10 0.94 -15.34	26.40 1.04 -15.93	29.01 0.81 -21.09	30.94 0.76 -23.56	32.69 0.75 -25.45	33.00 0.78 -25.75	37.25 0.90 -28.86	38.28 0.79 -31.05	40.33 0.89 -32.28	44.65 0.88 -36.58	42.38 0.72 -35.88	36.86 0.80 -29.41	35.41 0.75 -28.45	37.38 0.74 -30.49	31.07 0.70 -24.49	23.29 0.80 -15.67	19.64 0.83 -11.54
PEEKSKILL____ 23653	18.88 0.84 -10.01	17.24 0.61 -10.45	14.29 0.61 -7.50	14.57 0.60 -7.78	14.18 0.62 -7.42	18.54 0.63 -11.51	22.08 0.82 -13.22	25.01 0.91 -15.29	26.15 0.99 -15.74	28.76 0.78 -20.87	30.69 0.72 -23.36	32.49 0.71 -25.30	32.90 0.74 -25.69	37.13 0.84 -28.81	38.21 0.74 -31.03	40.24 0.83 -32.26	44.55 0.80 -36.56	42.27 0.65 -35.84	36.74 0.73 -29.37	35.32 0.70 -28.42	37.27 0.68 -30.45	30.99 0.65 -24.46	23.04 0.76 -15.45	19.42 0.79 -11.36
PGE MADISON____WINDPWR 24146	14.32 0.51 -5.79	12.33 0.36 -5.79	11.32 0.35 -4.79	11.37 0.34 -4.84	11.67 0.33 -5.19	17.06 0.36 -10.31	20.53 0.64 -11.85	23.35 0.81 -13.73	24.60 0.91 -14.26	26.64 0.65 -18.87	28.33 0.63 -21.08	29.88 0.60 -22.78	30.15 0.63 -23.06	34.11 0.73 -25.89	34.83 0.59 -27.80	36.69 0.64 -28.89	40.57 0.64 -32.75	38.40 0.51 -32.11	33.59 0.62 -26.32	32.24 0.56 -25.47	33.99 0.55 -27.29	28.32 0.52 -21.92	21.39 0.55 -14.02	18.13 0.54 -10.33
PIERCEFIELD____HYD 23852	8.98 -0.50 -1.45	6.77 -0.41 -1.00	6.77 -0.41 -1.01	6.75 -0.41 -0.97	6.86 -0.40 -1.12	6.42 -0.40 -0.43	9.12 -0.51 -1.59	6.73 -0.61 1.47	6.96 -0.63 1.83	11.13 -0.47 -4.49	12.22 -0.42 -6.02	12.51 -0.42 -6.44	12.56 -0.42 -6.52	10.45 -0.49 -3.45	12.70 -0.41 -6.67	11.16 -0.47 -4.46	11.17 -0.45 -4.44	14.15 -0.35 -8.72	13.22 -0.41 -6.98	12.17 -0.40 -6.35	13.29 -0.40 -7.54	13.79 -0.36 -8.27	11.72 -0.40 -5.29	10.77 -0.39 -3.90
PINELAWN_CC_1 323563	21.07 1.17 -11.87	17.51 0.83 -10.51	14.54 0.83 -7.53	14.78 0.80 -7.80	14.43 0.85 -7.43	18.83 0.90 -11.53	27.54 1.16 -18.34	30.52 1.28 -20.43	34.58 1.39 -23.77	37.33 1.00 -29.22	36.82 0.88 -29.32	37.65 0.87 -30.29	35.93 0.90 -28.57	37.49 1.02 -28.98	40.48 0.91 -33.13	42.67 1.03 -34.48	51.40 1.01 -43.21	50.38 0.81 -43.79	42.78 0.90 -35.24	43.26 0.84 -36.20	47.41 0.83 -40.43	40.04 0.81 -33.35	32.13 1.04 -24.26	27.30 1.09 -18.94
PJM_GEN_HTP_PROXY 323702	19.05 0.97 -10.06	17.39 0.70 -10.50	14.41 0.70 -7.53	14.67 0.69 -7.80	14.28 0.71 -7.43	18.63 0.73 -11.52	22.18 0.94 -13.20	25.31 1.06 -15.44	25.72 1.15 -15.15	28.83 0.90 -20.81	30.45 0.83 -23.00	32.34 0.82 -25.03	34.53 0.85 -27.21	37.19 0.97 -28.74	38.78 0.85 -31.49	40.39 0.95 -32.28	44.66 0.91 -36.57	42.33 0.74 -35.81	36.49 0.83 -29.01	35.69 0.79 -28.70	37.33 0.77 -30.41	31.04 0.74 -24.42	22.76 0.87 -15.07	19.21 0.91 -11.03
PJM_GEN_KEystone 24065	16.02 0.40 -7.59	14.27 0.30 -7.79	12.43 0.31 -5.93	12.61 0.30 -6.12	12.60 0.33 -6.13	17.42 0.33 -10.69	20.83 0.47 -12.32	23.98 0.60 -14.56	24.95 0.64 -14.89	27.58 0.47 -19.99	29.25 0.42 -22.21	30.80 0.42 -23.88	31.11 0.45 -24.19	34.96 0.50 -26.97	35.74 0.41 -28.89	37.57 0.44 -29.98	41.56 0.40 -33.98	39.43 0.31 -33.35	34.07 0.39 -27.04	33.38 0.40 -26.77	34.89 0.39 -28.35	29.03 0.37 -22.78	22.18 0.44 -14.91	18.76 0.47 -11.03
PJM_GEN_NEPTUNE_PROXY 323594	20.95 1.05 -11.87	17.43 0.75 -10.50	14.46 0.75 -7.53	14.71 0.73 -7.80	14.35 0.77 -7.43	18.74 0.81 -11.53	27.40 1.02 -18.34	30.07 1.13 -20.13	34.03 1.22 -23.39	37.20 0.94 -29.14	36.54 0.83 -29.08	36.50 0.82 -29.18	34.19 0.86 -26.86	37.27 0.97 -28.81	37.65 0.87 -30.34	40.01 0.97 -31.88	50.18 0.94 -42.06	49.10 0.76 -42.56	40.60 0.84 -33.12	40.88 0.80 -33.87	45.77 0.79 -38.83	38.13 0.76 -31.49	31.58 0.91 -23.84	26.78 0.97 -18.54
PJM_GEN_VFT_PROXY 323633	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.56 0.94 -13.58	26.79 1.05 -16.93	31.86 1.13 -21.30	35.97 0.89 -27.96	36.66 0.82 -29.22	37.00 0.81 -29.70	37.11 0.85 -29.80	38.40 0.96 -29.95	39.09 0.84 -31.81	40.40 0.95 -32.29	44.67 0.90 -36.58	42.93 0.74 -36.41	37.28 0.83 -29.80	36.31 0.79 -29.31	38.10 0.77 -31.17	31.73 0.75 -25.10	29.54 0.87 -21.85	25.00 0.91 -16.82

PLEASANTVLY___LBMP 24000	19.00 0.81 -10.17	17.40 0.59 -10.63	14.37 0.60 -7.60	14.66 0.58 -7.89	14.23 0.59 -7.50	18.52 0.61 -11.52	22.05 0.76 -13.25	24.99 0.83 -15.35	26.26 0.90 -15.94	28.91 0.70 -21.09	30.83 0.64 -23.56	32.59 0.64 -25.46	32.88 0.65 -25.76	37.11 0.75 -28.87	38.16 0.66 -31.06	40.19 0.74 -32.29	44.50 0.73 -36.60	42.25 0.58 -35.89	36.72 0.66 -29.42	35.29 0.62 -28.46	37.26 0.61 -30.50	30.96 0.58 -24.50	23.19 0.70 -15.67	19.55 0.74 -11.55
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.00 0.90 -10.07	17.35 0.65 -10.52	14.36 0.65 -7.54	14.65 0.64 -7.82	14.22 0.63 -7.45	18.56 0.65 -11.52	22.12 0.82 -13.26	25.15 0.92 -15.42	26.68 0.99 -16.26	29.36 0.78 -21.46	31.23 0.72 -23.89	32.90 0.71 -25.70	33.03 0.74 -25.83	37.25 0.85 -28.92	38.23 0.75 -31.05	40.26 0.84 -32.27	44.58 0.82 -36.58	42.35 0.66 -35.91	36.83 0.74 -29.45	35.38 0.70 -28.48	37.36 0.68 -30.52	31.06 0.65 -24.52	23.62 0.76 -16.03	19.92 0.80 -11.85
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.13 0.85 -10.25	17.52 0.62 -10.72	14.45 0.63 -7.65	14.75 0.61 -7.96	14.31 0.62 -7.54	18.55 0.63 -11.52	22.08 0.80 -13.25	25.03 0.87 -15.35	26.33 0.96 -15.94	28.96 0.75 -21.10	30.87 0.68 -23.57	32.63 0.68 -25.46	32.93 0.70 -25.76	37.17 0.81 -28.88	38.22 0.71 -31.07	40.26 0.81 -32.29	44.57 0.79 -36.60	42.32 0.65 -35.89	36.80 0.73 -29.42	35.35 0.68 -28.46	37.32 0.66 -30.50	31.01 0.63 -24.50	23.23 0.74 -15.67	19.59 0.78 -11.55
POLETTI____ 23519	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.71 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.57 0.96 -13.58	26.55 1.05 -16.69	32.10 1.13 -21.54	35.97 0.89 -27.96	36.65 0.81 -29.22	37.00 0.80 -29.70	37.10 0.83 -29.79	38.39 0.95 -29.95	39.08 0.84 -31.81	40.39 0.94 -32.29	44.67 0.90 -36.58	42.93 0.73 -36.41	37.58 0.82 -30.12	35.98 0.78 -29.00	38.08 0.76 -31.17	31.72 0.74 -25.10	29.54 0.86 -21.85	25.00 0.91 -16.82
PORT_JEFF_3 23555	21.14 1.24 -11.87	17.54 0.85 -10.50	14.56 0.86 -7.53	14.81 0.82 -7.80	14.46 0.88 -7.43	18.88 0.95 -11.53	27.61 1.23 -18.34	30.20 1.31 -20.08	34.53 1.42 -23.68	37.40 1.11 -29.17	36.78 0.99 -29.18	37.10 0.99 -29.62	35.00 1.00 -27.53	37.44 1.08 -28.88	39.40 0.97 -32.00	41.70 1.10 -33.45	50.74 1.04 -42.51	49.67 0.85 -43.04	41.73 0.94 -34.14	41.69 0.88 -34.60	46.47 0.85 -39.46	38.94 0.84 -32.22	31.88 1.05 -24.00	27.04 1.09 -18.68
PORT_JEFF_4 23616	21.14 1.24 -11.87	17.54 0.85 -10.50	14.56 0.86 -7.53	14.81 0.82 -7.80	14.46 0.88 -7.43	18.88 0.95 -11.53	27.61 1.23 -18.34	30.20 1.31 -20.08	34.53 1.42 -23.68	37.40 1.11 -29.17	36.78 0.99 -29.18	37.10 0.99 -29.62	35.00 1.00 -27.53	37.44 1.08 -28.88	39.40 0.97 -32.00	41.70 1.10 -33.45	50.74 1.04 -42.51	49.67 0.85 -43.04	41.73 0.94 -34.14	41.69 0.88 -34.60	46.47 0.85 -39.46	38.94 0.84 -32.22	31.88 1.05 -24.00	27.04 1.09 -18.68
PORT_JEFF_IC 23713	21.15 1.26 -11.87	17.55 0.86 -10.50	14.58 0.87 -7.53	14.82 0.84 -7.80	14.47 0.90 -7.43	18.89 0.97 -11.53	27.63 1.25 -18.34	30.23 1.33 -20.09	34.56 1.45 -23.68	37.42 1.13 -29.17	36.80 1.00 -29.18	37.13 1.00 -29.64	35.05 1.02 -27.57	37.48 1.11 -28.88	39.47 1.00 -32.04	41.77 1.13 -33.48	50.78 1.06 -42.54	49.71 0.86 -43.07	41.77 0.94 -34.18	41.77 0.91 -34.65	46.51 0.86 -39.50	39.01 0.87 -32.26	31.91 1.08 -24.01	27.07 1.11 -18.69
PPL PILGRIM_ST_GT1 24216	21.15 1.26 -11.87	17.56 0.88 -10.50	14.60 0.89 -7.53	14.84 0.85 -7.80	14.49 0.91 -7.43	18.89 0.97 -11.53	27.63 1.25 -18.34	30.31 1.37 -20.13	34.60 1.49 -23.69	37.45 1.16 -29.18	36.85 1.03 -29.20	37.25 1.03 -29.73	35.23 1.05 -27.71	37.57 1.19 -28.90	39.69 1.06 -32.19	41.98 1.20 -33.62	50.99 1.17 -42.63	49.90 0.95 -43.17	42.02 1.05 -34.33	42.06 0.98 -34.87	46.74 0.97 -39.63	39.22 0.93 -32.41	31.98 1.11 -24.04	27.13 1.15 -18.72
PPL PILGRIM_ST_GT2 24217	21.15 1.26 -11.87	17.56 0.88 -10.50	14.60 0.89 -7.53	14.84 0.85 -7.80	14.49 0.91 -7.43	18.89 0.97 -11.53	27.63 1.25 -18.34	30.31 1.37 -20.13	34.60 1.49 -23.69	37.45 1.16 -29.18	36.85 1.03 -29.20	37.25 1.03 -29.73	35.23 1.05 -27.71	37.57 1.19 -28.90	39.69 1.06 -32.19	41.98 1.20 -33.62	50.99 1.17 -42.63	49.90 0.95 -43.17	42.02 1.05 -34.33	42.06 0.98 -34.87	46.74 0.97 -39.63	39.22 0.93 -32.41	31.98 1.11 -24.04	27.13 1.15 -18.72
PPL_SHRM_GT3 24213	21.12 1.23 -11.87	17.48 0.80 -10.50	14.52 0.81 -7.53	14.76 0.77 -7.80	14.41 0.84 -7.43	18.85 0.93 -11.53	27.60 1.22 -18.34	30.08 1.19 -20.08	34.41 1.30 -23.68	37.30 1.02 -29.17	36.69 0.89 -29.18	37.01 0.89 -29.63	34.93 0.91 -27.55	37.38 1.01 -28.88	39.36 0.91 -32.01	41.66 1.04 -33.46	50.72 1.01 -42.52	49.66 0.83 -43.05	41.71 0.91 -34.16	41.68 0.85 -34.62	46.46 0.83 -39.48	38.92 0.81 -32.24	31.81 0.98 -24.00	26.95 1.00 -18.68
PPL_SHRM_GT4 24214	21.12 1.23 -11.87	17.48 0.80 -10.50	14.52 0.81 -7.53	14.76 0.77 -7.80	14.41 0.84 -7.43	18.85 0.93 -11.53	27.60 1.22 -18.34	30.08 1.19 -20.08	34.41 1.30 -23.68	37.30 1.02 -29.17	36.69 0.89 -29.18	37.01 0.89 -29.63	34.93 0.91 -27.55	37.38 1.01 -28.88	39.36 0.91 -32.01	41.66 1.04 -33.46	50.72 1.01 -42.52	49.66 0.83 -43.05	41.71 0.91 -34.16	41.68 0.85 -34.62	46.46 0.83 -39.48	38.92 0.81 -32.24	31.81 0.98 -24.00	26.95 1.00 -18.68
PROJECT___ORANGE 1 24174	12.12 -0.04 -4.14	10.16 -0.02 -4.01	9.81 -0.03 -3.67	9.79 -0.03 -3.64	10.30 -0.02 -4.18	15.66 -0.02 -9.28	18.76 0.04 -10.68	21.29 0.11 -12.38	22.39 0.11 -12.85	24.19 0.06 -17.01	25.69 0.07 -19.00	27.09 0.07 -20.53	27.32 0.08 -20.77	30.86 0.10 -23.28	31.55 0.07 -25.05	33.26 0.07 -26.03	36.75 0.06 -29.51	34.77 0.05 -28.95	30.44 0.07 -23.73	29.22 0.06 -22.95	30.80 0.06 -24.59	25.68 0.05 -19.75	19.50 0.03 -12.64	16.59 0.01 -9.31
PROJECT___ORANGE 2 24166	12.12 -0.04 -4.14	10.16 -0.02 -4.01	9.81 -0.03 -3.67	9.79 -0.03 -3.64	10.30 -0.02 -4.18	15.66 -0.02 -9.28	18.76 0.04 -10.68	21.29 0.11 -12.38	22.39 0.11 -12.85	24.19 0.06 -17.01	25.69 0.07 -19.00	27.09 0.07 -20.53	27.32 0.08 -20.77	30.86 0.10 -23.28	31.55 0.07 -25.05	33.26 0.07 -26.03	36.75 0.06 -29.51	34.77 0.05 -28.95	30.44 0.07 -23.73	29.22 0.06 -22.95	30.80 0.06 -24.59	25.68 0.05 -19.75	19.50 0.03 -12.64	16.59 0.01 -9.31
PYRITES___HYD 24023	9.00 -0.43 -1.40	6.78 -0.35 -0.95	6.76 -0.36 -0.95	6.75 -0.36 -0.92	6.84 -0.36 -1.05	6.27 -0.35 -0.23	9.00 -0.42 -1.38	6.54 -0.48 1.79	6.76 -0.50 2.17	10.93 -0.37 -4.19	12.00 -0.33 -5.71	12.27 -0.33 -6.10	12.31 -0.33 -6.17	10.09 -0.38 -2.99	12.35 -0.32 -6.23	10.75 -0.36 -3.96	10.68 -0.35 -3.85	13.75 -0.27 -8.23	12.91 -0.31 -6.58	11.85 -0.32 -5.96	12.96 -0.32 -7.13	13.57 -0.30 -7.99	11.60 -0.33 -5.11	10.68 -0.35 -3.77
RAMAPO___LBMP 323565	18.66 0.81 -9.82	17.00 0.59 -10.24	14.15 0.59 -7.38	14.49 0.59 -7.72	14.12 0.60 -7.38	18.51 0.61 -11.50	22.05 0.80 -13.22	24.98 0.88 -15.29	26.17 0.96 -15.78	28.78 0.75 -20.91	30.71 0.70 -23.40	32.50 0.69 -25.32	32.87 0.71 -25.69	37.11 0.82 -28.81	38.17 0.71 -31.02	40.19 0.79 -32.24	44.50 0.78 -36.54	42.23 0.62 -35.83	36.71 0.70 -29.36	35.29 0.67 -28.41	37.25 0.66 -30.44	30.96 0.63 -24.45	23.06 0.73 -15.50	19.44 0.77 -11.40

RANKINE____ 23646	12.44 -0.19 -4.60	10.58 -0.11 -4.51	10.08 -0.07 -3.98	10.08 -0.09 -3.97	10.54 -0.07 -4.46	15.85 -0.09 -9.55	19.03 0.02 -10.98	21.77 0.24 -12.72	22.85 0.22 -13.21	24.67 0.06 -17.49	26.22 0.07 -19.53	27.66 0.08 -21.09	28.06 0.10 -21.49	32.92 0.10 -25.33	32.21 0.03 -25.74	33.91 0.00 -26.75	37.44 -0.06 -30.32	35.45 -0.08 -29.75	31.05 0.02 -24.39	29.85 0.06 -23.58	31.44 0.02 -25.27	26.19 0.01 -20.30	19.86 0.05 -12.99	16.89 0.05 -9.57
RAVENSWOOD_GT2_1 24244	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	36.00 0.90 -27.98	36.57 0.82 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.91 -36.58	42.92 0.74 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.74 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.74
RAVENSWOOD_GT2_2 24245	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	36.00 0.90 -27.98	36.57 0.82 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.91 -36.58	42.92 0.74 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.74 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.74
RAVENSWOOD_GT2_3 24246	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.71 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.55 1.07 -16.67	32.04 1.16 -21.46	36.00 0.90 -27.98	36.58 0.83 -29.13	36.95 0.82 -29.64	37.61 0.85 -30.29	38.39 0.97 -29.94	39.24 0.86 -31.95	40.42 0.96 -32.30	44.68 0.92 -36.58	42.93 0.75 -36.41	37.59 0.84 -30.11	36.00 0.80 -28.99	38.08 0.77 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
RAVENSWOOD_GT2_4 24247	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.71 -7.53	14.69 0.70 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.55 1.07 -16.67	32.04 1.16 -21.46	36.00 0.90 -27.98	36.58 0.83 -29.13	36.95 0.82 -29.64	37.61 0.85 -30.29	38.39 0.97 -29.94	39.24 0.86 -31.95	40.42 0.96 -32.30	44.68 0.92 -36.58	42.93 0.75 -36.41	37.59 0.84 -30.11	36.00 0.80 -28.99	38.08 0.77 -31.16	31.72 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
RAVENSWOOD_GT3_1 24248	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	36.00 0.90 -27.98	36.58 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.91 -36.58	42.92 0.74 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.74 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.74
RAVENSWOOD_GT3_2 24249	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	36.00 0.90 -27.98	36.58 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.91 -36.58	42.92 0.74 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.74 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.74
RAVENSWOOD_GT3_3 24250	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.72 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.56 1.07 -16.67	32.05 1.17 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.96 0.83 -29.64	37.62 0.86 -30.29	38.40 0.98 -29.94	39.24 0.86 -31.95	40.42 0.96 -32.30	44.69 0.93 -36.58	42.94 0.75 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.09 0.78 -31.16	31.73 0.75 -25.10	29.46 0.88 -21.76	24.93 0.92 -16.74
RAVENSWOOD_GT3_4 24251	19.07 0.99 -10.06	17.40 0.72 -10.50	14.42 0.72 -7.53	14.69 0.70 -7.80	14.30 0.72 -7.44	18.66 0.74 -11.53	22.57 0.96 -13.58	26.56 1.07 -16.67	32.05 1.17 -21.46	36.00 0.91 -27.98	36.59 0.83 -29.13	36.96 0.83 -29.64	37.62 0.86 -30.29	38.40 0.98 -29.94	39.24 0.86 -31.95	40.42 0.96 -32.30	44.69 0.93 -36.58	42.94 0.75 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.09 0.78 -31.16	31.73 0.75 -25.10	29.46 0.88 -21.76	24.93 0.92 -16.74
RAVENSWOOD_GT_1 23729	19.11 1.02 -10.07	17.43 0.74 -10.51	14.46 0.74 -7.54	14.72 0.72 -7.80	14.32 0.74 -7.44	18.68 0.75 -11.53	22.58 0.97 -13.58	26.59 1.10 -16.68	32.10 1.20 -21.47	36.02 0.92 -27.98	36.61 0.84 -29.15	36.98 0.84 -29.65	37.62 0.86 -30.29	38.41 0.99 -29.94	39.24 0.86 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	43.17 0.75 -36.64	38.38 0.85 -30.89	36.00 0.80 -28.99	38.09 0.77 -31.16	31.74 0.76 -25.10	29.49 0.89 -21.78	24.96 0.93 -16.76
RAVENSWOOD_GT_10 24258	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	35.99 0.90 -27.98	36.58 0.82 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	42.96 0.75 -36.43	37.68 0.84 -30.20	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.74 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.75
RAVENSWOOD_GT_11 24259	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	35.99 0.90 -27.98	36.58 0.82 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	42.96 0.75 -36.43	37.68 0.84 -30.20	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.74 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.75
RAVENSWOOD_GT_4 24252	19.05 0.97 -10.05	17.38 0.70 -10.50	14.41 0.70 -7.52	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.55 0.94 -13.58	26.54 1.06 -16.68	32.04 1.15 -21.47	35.99 0.90 -27.98	36.59 0.82 -29.15	36.96 0.82 -29.65	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	43.11 0.75 -36.59	38.18 0.84 -30.70	35.99 0.79 -28.99	38.09 0.77 -31.16	31.72 0.74 -25.10	29.47 0.87 -21.77	24.93 0.91 -16.76
RAVENSWOOD_GT_5 24254	19.05 0.97 -10.05	17.38 0.70 -10.50	14.41 0.70 -7.52	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.55 0.94 -13.58	26.54 1.06 -16.68	32.04 1.15 -21.47	35.99 0.90 -27.98	36.59 0.82 -29.15	36.96 0.82 -29.65	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	43.11 0.75 -36.59	38.18 0.84 -30.70	35.99 0.79 -28.99	38.09 0.77 -31.16	31.72 0.74 -25.10	29.47 0.87 -21.77	24.93 0.91 -16.76
RAVENSWOOD_GT_6 24253	19.05 0.97 -10.05	17.38 0.70 -10.50	14.41 0.70 -7.52	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.55 0.94 -13.58	26.54 1.06 -16.68	32.04 1.15 -21.47	35.99 0.90 -27.98	36.59 0.82 -29.15	36.96 0.82 -29.65	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	43.11 0.75 -36.59	38.18 0.84 -30.70	35.99 0.79 -28.99	38.09 0.77 -31.16	31.72 0.74 -25.10	29.47 0.87 -21.77	24.93 0.91 -16.76



RAVENSWOOD_GT_7 24255	19.05 0.97 -10.05	17.38 0.70 -10.50	14.41 0.70 -7.52	14.68 0.69 -7.80	14.29 0.71 -7.44	18.65 0.73 -11.53	22.55 0.94 -13.58	26.54 1.06 -16.68	32.04 1.15 -21.47	35.99 0.90 -27.98	36.59 0.82 -29.15	36.96 0.82 -29.65	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	43.11 0.75 -36.59	38.18 0.84 -30.70	35.99 0.79 -28.99	38.09 0.77 -31.16	31.72 0.74 -25.10	29.47 0.87 -21.77	24.93 0.91 -16.76
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	35.99 0.90 -27.98	36.58 0.82 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	42.96 0.75 -36.43	37.68 0.84 -30.20	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.74 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.75
RAVENSWOOD_GT_9 24257	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	35.99 0.90 -27.98	36.58 0.82 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	42.96 0.75 -36.43	37.68 0.84 -30.20	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.74 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.75
RAVENSWOOD___1 23533	19.11 1.02 -10.07	17.43 0.74 -10.51	14.45 0.73 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.68 0.75 -11.53	22.58 0.96 -13.58	26.58 1.09 -16.67	32.07 1.19 -21.46	36.01 0.92 -27.98	36.59 0.84 -29.13	36.96 0.83 -29.64	37.61 0.85 -30.29	38.40 0.98 -29.94	39.24 0.86 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	42.93 0.75 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.08 0.77 -31.16	31.73 0.75 -25.10	29.46 0.88 -21.76	24.93 0.92 -16.74
RAVENSWOOD___2 23534	19.11 1.02 -10.07	17.43 0.74 -10.51	14.45 0.73 -7.54	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.58 0.96 -13.58	26.57 1.08 -16.67	32.07 1.19 -21.46	36.01 0.92 -27.98	36.59 0.83 -29.13	36.95 0.82 -29.64	37.61 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.40 0.94 -32.30	44.68 0.91 -36.58	42.92 0.74 -36.41	37.59 0.84 -30.11	36.00 0.80 -28.99	38.08 0.77 -31.16	31.73 0.75 -25.10	29.46 0.87 -21.76	24.93 0.92 -16.74
RAVENSWOOD___3 23535	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.30 0.71 -7.44	18.66 0.73 -11.53	22.56 0.95 -13.58	26.54 1.06 -16.67	32.03 1.15 -21.46	36.00 0.90 -27.98	36.58 0.83 -29.13	36.95 0.82 -29.64	37.60 0.85 -30.29	38.39 0.97 -29.94	39.24 0.85 -31.95	40.41 0.95 -32.30	44.68 0.92 -36.58	42.93 0.75 -36.41	37.59 0.84 -30.11	35.99 0.79 -28.99	38.08 0.77 -31.16	31.72 0.75 -25.10	29.45 0.87 -21.76	24.93 0.92 -16.74
RAVENSWOOD___4 23820	19.10 1.01 -10.07	17.42 0.73 -10.51	14.45 0.73 -7.53	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.04 1.18 -21.44	36.00 0.91 -27.98	36.57 0.83 -29.11	36.94 0.82 -29.62	37.60 0.85 -30.29	38.39 0.97 -29.93	39.24 0.85 -31.95	40.40 0.94 -32.30	44.68 0.91 -36.58	42.69 0.74 -36.17	36.82 0.84 -29.33	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.09	29.44 0.87 -21.74	24.91 0.92 -16.73
RCPL_TRUST___DRP 24196	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.43	18.64 0.73 -11.52	22.19 0.95 -13.20	25.08 1.07 -15.20	25.98 1.17 -15.39	28.84 0.91 -20.81	30.46 0.83 -23.00	32.35 0.83 -25.03	34.54 0.86 -27.21	37.21 0.98 -28.74	38.79 0.86 -31.49	40.40 0.97 -32.28	44.67 0.93 -36.57	42.34 0.75 -35.81	36.81 0.84 -29.33	35.39 0.80 -28.38	37.34 0.78 -30.41	31.05 0.75 -24.42	22.77 0.87 -15.07	19.21 0.92 -11.03
RENSSELAER___COGEN 23796	19.58 0.51 -11.04	18.22 0.42 -11.62	14.75 0.43 -8.14	15.12 0.42 -8.51	14.50 0.42 -7.94	18.53 0.43 -11.70	21.79 0.35 -13.41	24.76 0.27 -15.68	25.96 0.24 -16.30	28.57 0.19 -21.26	30.51 0.18 -23.71	32.28 0.17 -25.62	32.56 0.17 -25.92	36.91 0.20 -29.22	37.93 0.19 -31.31	40.03 0.22 -32.65	44.44 0.22 -37.03	42.11 0.20 -36.13	36.48 0.22 -29.62	35.08 0.20 -28.67	37.05 0.21 -30.69	30.63 0.19 -24.56	22.81 0.27 -15.71	19.17 0.33 -11.57
REVERE_CPPR_DRP 24186	12.40 0.24 -4.13	10.25 0.17 -3.91	10.11 0.16 -3.77	10.05 0.15 -3.70	10.69 0.15 -4.40	16.68 0.17 -10.11	20.04 0.32 -11.68	22.60 0.41 -13.37	23.76 0.46 -13.88	26.13 0.32 -18.69	27.86 0.32 -20.92	29.39 0.30 -22.60	29.65 0.31 -22.87	33.31 0.37 -25.45	34.27 0.31 -27.52	35.98 0.33 -28.49	39.79 0.34 -32.26	37.92 0.29 -31.85	33.10 0.36 -26.10	31.75 0.32 -25.23	33.52 0.31 -27.07	28.01 0.28 -21.85	21.08 0.28 -13.98	17.82 0.25 -10.30
RIVERBAY___ 323610	19.11 1.02 -10.07	17.44 0.75 -10.51	14.47 0.75 -7.54	14.70 0.71 -7.80	14.30 0.72 -7.44	18.65 0.73 -11.52	22.55 0.94 -13.57	25.49 1.07 -15.61	26.75 1.17 -16.15	29.38 0.91 -21.36	31.22 0.83 -23.77	32.92 0.82 -25.61	33.22 0.85 -25.90	37.35 0.97 -28.89	38.35 0.85 -31.06	40.39 0.94 -32.29	44.67 0.91 -36.57	42.92 0.74 -36.41	37.60 0.85 -30.11	36.00 0.80 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.10	23.62 0.87 -15.92	19.94 0.91 -11.77
ROCHESTER_9_IC 23652	12.15 -0.22 -4.35	10.26 -0.15 -4.24	9.85 -0.14 -3.81	9.83 -0.15 -3.79	10.32 -0.14 -4.31	15.65 -0.14 -9.40	18.82 -0.03 -10.81	21.41 0.07 -12.52	22.51 0.08 -13.01	24.31 -0.02 -17.22	25.85 -0.01 -19.23	27.26 0.00 -20.77	27.51 0.03 -21.01	31.07 0.03 -23.55	31.77 -0.01 -25.34	33.48 -0.01 -26.34	36.99 -0.04 -29.85	35.02 -0.05 -29.29	30.65 -0.01 -24.01	29.44 0.01 -23.22	31.01 -0.01 -24.88	25.84 -0.03 -19.98	19.57 -0.04 -12.79	16.63 -0.06 -9.42
ROSETON___1 23587	18.84 0.79 -10.02	17.22 0.58 -10.46	14.27 0.59 -7.51	14.56 0.56 -7.81	14.16 0.58 -7.44	18.50 0.59 -11.52	22.02 0.75 -13.24	24.97 0.82 -15.34	26.24 0.89 -15.93	28.89 0.70 -21.08	30.81 0.64 -23.55	32.56 0.63 -25.44	32.87 0.65 -25.75	37.09 0.75 -28.85	38.14 0.66 -31.04	40.16 0.74 -32.27	44.47 0.72 -36.57	42.23 0.58 -35.87	36.70 0.66 -29.40	35.27 0.62 -28.44	37.23 0.60 -30.48	30.95 0.58 -24.48	23.17 0.68 -15.66	19.53 0.73 -11.54
ROSETON___2 23588	18.84 0.79 -10.02	17.22 0.58 -10.46	14.27 0.59 -7.51	14.56 0.56 -7.81	14.16 0.58 -7.44	18.50 0.59 -11.52	22.02 0.75 -13.24	24.97 0.82 -15.34	26.24 0.89 -15.93	28.89 0.70 -21.08	30.81 0.64 -23.55	32.56 0.63 -25.44	32.87 0.65 -25.75	37.09 0.75 -28.85	38.14 0.66 -31.04	40.16 0.74 -32.27	44.47 0.72 -36.57	42.23 0.58 -35.87	36.70 0.66 -29.40	35.27 0.62 -28.44	37.23 0.60 -30.48	30.95 0.58 -24.48	23.17 0.68 -15.66	19.53 0.73 -11.54
RUSSELL___1 23602	12.19 -0.19 -4.35	10.28 -0.14 -4.24	9.86 -0.12 -3.81	9.85 -0.13 -3.79	10.34 -0.12 -4.31	15.68 -0.11 -9.40	18.85 0.00 -10.81	21.46 0.12 -12.52	22.57 0.13 -13.01	24.35 0.02 -17.22	25.89 0.03 -19.23	27.30 0.04 -20.77	27.55 0.06 -21.01	31.12 0.08 -23.55	31.81 0.03 -25.34	33.52 0.03 -26.34	37.04 0.01 -29.85	35.06 -0.01 -29.29	30.69 0.04 -24.01	29.48 0.06 -23.22	31.06 0.03 -24.88	25.87 0.01 -19.98	19.61 -0.01 -12.79	16.67 -0.02 -9.42

RUSSELL___2 23532	12.19 -0.19 -4.35	10.28 -0.14 -4.24	9.86 -0.12 -3.81	9.85 -0.13 -3.79	10.34 -0.12 -4.31	15.68 -0.11 -9.40	18.85 0.00 -10.81	21.46 0.12 -12.52	22.57 0.13 -13.01	24.35 0.02 -17.22	25.89 0.03 -19.23	27.30 0.04 -20.77	27.55 0.06 -21.01	31.12 0.08 -23.55	31.81 0.03 -25.34	33.52 0.03 -26.34	37.04 0.01 -29.85	35.06 -0.01 -29.29	30.69 0.04 -24.01	29.48 0.06 -23.22	31.06 0.03 -24.88	25.87 0.01 -19.98	19.61 -0.01 -12.79	16.67 -0.02 -9.42
RUSSELL___3 23549	12.19 -0.19 -4.35	10.28 -0.14 -4.24	9.86 -0.12 -3.81	9.85 -0.13 -3.79	10.34 -0.12 -4.31	15.68 -0.11 -9.40	18.85 0.00 -10.81	21.46 0.12 -12.52	22.57 0.13 -13.01	24.35 0.02 -17.22	25.89 0.03 -19.23	27.30 0.04 -20.77	27.55 0.06 -21.01	31.12 0.08 -23.55	31.81 0.03 -25.34	33.52 0.03 -26.34	37.04 0.01 -29.85	35.06 -0.01 -29.29	30.69 0.04 -24.01	29.48 0.06 -23.22	31.06 0.03 -24.88	25.87 0.01 -19.98	19.61 -0.01 -12.79	16.67 -0.02 -9.42
RUSSELL___4 23556	12.19 -0.19 -4.35	10.28 -0.14 -4.24	9.86 -0.12 -3.81	9.85 -0.13 -3.79	10.34 -0.12 -4.31	15.68 -0.11 -9.40	18.85 0.00 -10.81	21.46 0.12 -12.52	22.57 0.13 -13.01	24.35 0.02 -17.22	25.89 0.03 -19.23	27.30 0.04 -20.77	27.55 0.06 -21.01	31.12 0.08 -23.55	31.81 0.03 -25.34	33.52 0.03 -26.34	37.04 0.01 -29.85	35.06 -0.01 -29.29	30.69 0.04 -24.01	29.48 0.06 -23.22	31.06 0.03 -24.88	25.87 0.01 -19.98	19.61 -0.01 -12.79	16.67 -0.02 -9.42
RUSSELL___STATION 23914	12.19 -0.19 -4.35	10.28 -0.14 -4.24	9.86 -0.12 -3.81	9.85 -0.13 -3.79	10.34 -0.12 -4.31	15.68 -0.11 -9.40	18.85 0.00 -10.81	21.46 0.12 -12.52	22.57 0.13 -13.01	24.35 0.02 -17.22	25.89 0.03 -19.23	27.30 0.04 -20.77	27.55 0.06 -21.01	31.12 0.08 -23.55	31.81 0.03 -25.34	33.52 0.03 -26.34	37.04 0.01 -29.85	35.06 -0.01 -29.29	30.69 0.04 -24.01	29.48 0.06 -23.22	31.06 0.03 -24.88	25.87 0.01 -19.98	19.61 -0.01 -12.79	16.67 -0.02 -9.42
S SALMON___HYD 24043	11.74 -0.10 -3.81	9.73 -0.08 -3.64	9.46 -0.09 -3.37	9.43 -0.09 -3.33	9.92 -0.09 -3.86	14.77 -0.08 -8.46	17.82 -0.02 -9.80	19.86 0.00 -11.05	20.87 -0.01 -11.45	22.87 -0.04 -15.79	24.34 -0.02 -17.74	25.63 -0.01 -19.15	25.85 0.00 -19.38	28.86 0.01 -21.36	29.69 -0.01 -23.26	31.09 -0.01 -23.95	34.25 -0.01 -27.09	32.75 -0.01 -26.97	28.73 -0.01 -22.09	27.53 -0.01 -21.33	29.07 -0.01 -22.93	24.49 -0.01 -18.62	18.72 -0.02 -11.91	15.99 -0.05 -8.78
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.27 -0.31 -4.56	10.43 -0.20 -4.46	9.96 -0.17 -3.95	9.95 -0.18 -3.94	10.42 -0.16 -4.43	15.71 -0.20 -9.52	18.87 -0.12 -10.95	21.55 0.05 -12.69	22.61 0.01 -13.18	24.47 -0.09 -17.44	26.02 -0.09 -19.48	27.46 -0.07 -21.04	27.94 -0.04 -21.52	33.59 0.00 -26.17	31.99 -0.12 -25.67	33.68 -0.16 -26.68	37.21 -0.22 -30.24	35.25 -0.20 -29.67	30.84 -0.13 -24.32	29.64 -0.09 -23.52	31.24 -0.12 -25.20	26.01 -0.12 -20.25	19.69 -0.09 -12.95	16.73 -0.08 -9.54
SELKIRK___I 23801	19.49 0.48 -10.98	18.12 0.39 -11.55	14.67 0.39 -8.11	15.05 0.39 -8.47	14.44 0.39 -7.91	18.48 0.40 -11.69	21.82 0.39 -13.39	24.75 0.29 -15.64	25.98 0.29 -16.26	28.60 0.23 -21.25	30.54 0.21 -23.70	32.31 0.21 -25.61	32.59 0.21 -25.92	36.92 0.24 -29.20	37.95 0.22 -31.30	40.03 0.25 -32.62	44.44 0.25 -37.00	42.11 0.21 -36.12	36.48 0.23 -29.61	35.09 0.21 -28.66	37.05 0.22 -30.69	30.65 0.21 -24.57	22.80 0.26 -15.71	19.21 0.36 -11.58
SELKIRK___II 23799	19.49 0.48 -10.99	18.13 0.39 -11.56	14.68 0.39 -8.11	15.05 0.39 -8.47	14.44 0.39 -7.91	18.48 0.40 -11.69	21.82 0.39 -13.39	24.75 0.29 -15.65	25.97 0.28 -16.26	28.60 0.23 -21.25	30.54 0.21 -23.70	32.31 0.20 -25.61	32.59 0.20 -25.92	36.91 0.23 -29.20	37.95 0.22 -31.30	40.03 0.25 -32.62	44.44 0.25 -37.00	42.11 0.21 -36.12	36.48 0.23 -29.61	35.08 0.20 -28.66	37.05 0.21 -30.69	30.65 0.20 -24.57	22.80 0.26 -15.71	19.20 0.36 -11.58
SENECA OSWGO___HYD 24041	11.84 -0.11 -3.93	9.90 -0.08 -3.80	9.59 -0.08 -3.49	9.56 -0.09 -3.46	10.06 -0.08 -4.00	15.22 -0.08 -8.91	18.71 0.07 -10.60	21.22 0.13 -12.28	22.32 0.14 -12.75	24.06 0.07 -16.88	25.55 0.08 -18.85	26.93 0.08 -20.36	27.16 0.09 -20.61	30.69 0.11 -23.09	31.37 0.08 -24.85	33.07 0.09 -25.82	36.54 0.09 -29.27	34.56 0.07 -28.71	30.27 0.09 -23.54	29.06 0.09 -22.76	30.64 0.09 -24.39	25.55 0.07 -19.60	19.41 0.05 -12.54	16.53 0.03 -9.24
SENECA___ENERGY 23797	12.31 -0.14 -4.43	10.40 -0.11 -4.32	9.92 -0.11 -3.85	9.92 -0.11 -3.84	10.39 -0.09 -4.34	15.68 -0.08 -9.37	18.81 -0.01 -10.78	21.36 0.06 -12.49	22.46 0.07 -12.97	24.30 0.01 -17.17	25.81 0.01 -19.18	27.21 0.02 -20.70	27.44 0.03 -20.94	30.99 0.04 -23.47	31.70 0.01 -25.25	33.40 0.00 -26.25	36.92 -0.01 -29.75	34.98 -0.01 -29.21	30.60 0.01 -23.94	29.37 0.02 -23.14	30.97 0.02 -24.79	25.80 0.01 -19.92	19.56 -0.02 -12.75	16.61 -0.05 -9.40
SHOEMAKER___GT 23640	18.48 0.76 -9.69	16.83 0.56 -10.09	14.04 0.56 -7.30	14.35 0.54 -7.62	14.01 0.56 -7.30	18.45 0.57 -11.49	21.96 0.71 -13.21	24.90 0.80 -15.29	26.12 0.88 -15.82	28.75 0.68 -20.95	30.67 0.62 -23.43	32.45 0.62 -25.34	32.79 0.64 -25.69	37.02 0.74 -28.79	38.08 0.65 -30.99	40.10 0.73 -32.21	44.42 0.72 -36.51	42.16 0.58 -35.80	36.64 0.65 -29.34	35.21 0.61 -28.39	37.17 0.60 -30.42	30.89 0.57 -24.43	23.03 0.66 -15.54	19.41 0.70 -11.44
SHOREHAM_IC_1 23715	21.12 1.23 -11.87	17.48 0.80 -10.50	14.52 0.81 -7.53	14.76 0.77 -7.80	14.41 0.84 -7.43	18.85 0.93 -11.53	27.60 1.22 -18.34	30.08 1.19 -20.08	34.41 1.30 -23.68	37.30 1.02 -29.17	36.69 0.89 -29.18	37.01 0.89 -29.63	34.93 0.91 -27.55	37.38 1.01 -28.88	39.36 0.91 -32.01	41.66 1.04 -33.46	50.72 1.01 -42.52	49.66 0.83 -43.05	41.71 0.91 -34.16	41.68 0.85 -34.62	46.46 0.83 -39.48	38.92 0.81 -32.24	31.81 0.98 -24.00	26.95 1.00 -18.68
SHOREHAM_IC_2 23716	21.12 1.23 -11.87	17.48 0.80 -10.50	14.52 0.81 -7.53	14.76 0.77 -7.80	14.41 0.84 -7.43	18.85 0.93 -11.53	27.60 1.22 -18.34	30.08 1.19 -20.08	34.41 1.30 -23.68	37.30 1.02 -29.17	36.69 0.89 -29.18	37.01 0.89 -29.63	34.93 0.91 -27.55	37.38 1.01 -28.88	39.36 0.91 -32.01	41.66 1.04 -33.46	50.72 1.01 -42.52	49.66 0.83 -43.05	41.71 0.91 -34.16	41.68 0.85 -34.62	46.46 0.83 -39.48	38.92 0.81 -32.24	31.81 0.98 -24.00	26.95 1.00 -18.68
SISSONVILLE___ 23735	8.98 -0.50 -1.45	6.77 -0.41 -1.00	6.77 -0.41 -1.01	6.75 -0.41 -0.97	6.86 -0.40 -1.12	6.42 -0.40 -0.43	9.12 -0.51 -1.59	6.73 -0.61 1.47	6.96 -0.63 1.83	11.13 -0.47 -4.49	12.22 -0.42 -6.02	12.51 -0.42 -6.44	12.56 -0.42 -6.52	10.45 -0.49 -3.45	12.70 -0.41 -6.67	11.16 -0.47 -4.46	11.17 -0.45 -4.44	14.15 -0.35 -8.72	13.22 -0.41 -6.98	12.17 -0.40 -6.35	13.29 -0.40 -7.54	13.79 -0.36 -8.27	11.72 -0.40 -5.29	10.77 -0.39 -3.90
SITHE_IND_GS1 24169	11.63 -0.18 -3.79	9.69 -0.14 -3.65	9.44 -0.14 -3.39	9.40 -0.14 -3.36	9.91 -0.14 -3.90	15.05 -0.14 -8.80	18.02 -0.14 -10.12	20.42 -0.11 -11.72	21.48 -0.12 -12.17	23.11 -0.11 -16.11	24.52 -0.11 -18.00	25.84 -0.10 -19.44	26.05 -0.09 -19.67	29.43 -0.10 -22.05	30.06 -0.10 -23.72	31.70 -0.11 -24.66	35.01 -0.12 -27.95	33.09 -0.10 -27.41	29.01 -0.11 -22.47	27.84 -0.10 -21.73	29.34 -0.10 -23.29	24.49 -0.10 -18.71	18.67 -0.12 -11.97	15.94 -0.15 -8.82

SITHE_IND_GS2 24170	11.63 -0.18 -3.79	9.69 -0.14 -3.65	9.44 -0.14 -3.39	9.40 -0.14 -3.36	9.91 -0.14 -3.90	15.05 -0.14 -8.80	18.02 -0.14 -10.12	20.42 -0.11 -11.72	21.48 -0.12 -12.17	23.11 -0.11 -16.11	24.52 -0.11 -18.00	25.84 -0.10 -19.44	26.05 -0.09 -19.67	29.43 -0.10 -22.05	30.06 -0.10 -23.72	31.70 -0.11 -24.66	35.01 -0.12 -27.95	33.09 -0.10 -27.41	29.01 -0.11 -22.47	27.84 -0.10 -21.73	29.34 -0.10 -23.29	24.49 -0.10 -18.71	18.67 -0.12 -11.97	15.94 -0.15 -8.82
SITHE_IND_GS3 24171	11.63 -0.18 -3.79	9.69 -0.14 -3.65	9.44 -0.14 -3.39	9.40 -0.14 -3.36	9.91 -0.14 -3.90	15.05 -0.14 -8.80	18.02 -0.14 -10.12	20.42 -0.11 -11.72	21.48 -0.12 -12.17	23.11 -0.11 -16.11	24.52 -0.11 -18.00	25.84 -0.10 -19.44	26.05 -0.09 -19.67	29.43 -0.10 -22.05	30.06 -0.10 -23.72	31.70 -0.11 -24.66	35.01 -0.12 -27.95	33.09 -0.10 -27.41	29.01 -0.11 -22.47	27.84 -0.10 -21.73	29.34 -0.10 -23.29	24.49 -0.10 -18.71	18.67 -0.12 -11.97	15.94 -0.15 -8.82
SITHE_IND_GS4 24172	11.63 -0.18 -3.79	9.69 -0.14 -3.65	9.44 -0.14 -3.39	9.40 -0.14 -3.36	9.91 -0.14 -3.90	15.05 -0.14 -8.80	18.02 -0.14 -10.12	20.42 -0.11 -11.72	21.48 -0.12 -12.17	23.11 -0.11 -16.11	24.52 -0.11 -18.00	25.84 -0.10 -19.44	26.05 -0.09 -19.67	29.43 -0.10 -22.05	30.06 -0.10 -23.72	31.70 -0.11 -24.66	35.01 -0.12 -27.95	33.09 -0.10 -27.41	29.01 -0.11 -22.47	27.84 -0.10 -21.73	29.34 -0.10 -23.29	24.49 -0.10 -18.71	18.67 -0.12 -11.97	15.94 -0.15 -8.82
SITHE___BATAVIA 24024	12.25 -0.23 -4.46	10.38 -0.15 -4.35	9.94 -0.12 -3.88	9.93 -0.12 -3.87	10.41 -0.11 -4.37	15.72 -0.13 -9.46	18.93 0.01 -10.88	21.56 0.14 -12.61	22.64 0.12 -13.09	24.43 -0.01 -17.33	25.97 -0.01 -19.36	27.40 0.01 -20.91	27.70 0.03 -21.20	31.65 0.03 -24.13	31.92 -0.03 -25.51	33.62 -0.05 -26.51	37.14 -0.09 -30.05	35.17 -0.10 -29.49	30.79 -0.03 -24.17	29.59 0.01 -23.37	31.16 -0.03 -25.04	25.95 -0.05 -20.12	19.67 -0.03 -12.87	16.74 -0.01 -9.49
SITHE___INDEPEND 23800	11.63 -0.18 -3.79	9.69 -0.14 -3.65	9.44 -0.14 -3.39	9.40 -0.14 -3.36	9.91 -0.14 -3.90	15.05 -0.14 -8.80	18.02 -0.14 -10.12	20.42 -0.11 -11.72	21.48 -0.12 -12.17	23.11 -0.11 -16.11	24.52 -0.11 -18.00	25.84 -0.10 -19.44	26.05 -0.09 -19.67	29.43 -0.10 -22.05	30.06 -0.10 -23.72	31.70 -0.11 -24.66	35.01 -0.12 -27.95	33.09 -0.10 -27.41	29.01 -0.11 -22.47	27.84 -0.10 -21.73	29.34 -0.10 -23.29	24.49 -0.10 -18.71	18.67 -0.12 -11.97	15.94 -0.15 -8.82
SITHE___MASSENA 23902	8.62 -0.34 -0.94	6.35 -0.27 -0.44	6.35 -0.27 -0.44	6.34 -0.27 -0.42	6.31 -0.26 -0.43	4.43 -0.27 1.69	7.08 -0.35 0.61	3.66 -0.41 4.74	3.70 -0.42 5.30	8.20 -0.31 -1.39	9.12 -0.28 -2.79	9.14 -0.28 -2.93	9.15 -0.28 -2.96	5.79 -0.33 1.36	8.29 -0.28 -2.13	6.06 -0.31 0.79	5.23 -0.30 1.65	9.23 -0.24 -3.69	9.18 -0.29 -2.82	8.19 -0.27 -2.25	9.18 -0.27 -3.30	10.97 -0.25 -5.34	9.96 -0.29 -3.42	9.47 -0.31 -2.52
SITHE___OGDNSBRG 24021	8.86 -0.40 -1.23	6.62 -0.33 -0.77	6.62 -0.33 -0.77	6.60 -0.33 -0.74	6.65 -0.32 -0.83	5.60 -0.32 0.47	8.30 -0.39 -0.65	5.50 -0.45 2.86	5.66 -0.46 3.31	9.94 -0.34 -3.17	10.96 -0.30 -4.64	11.14 -0.30 -4.95	11.16 -0.31 -5.00	8.53 -0.36 -1.40	10.87 -0.30 -4.74	9.05 -0.34 -2.23	8.71 -0.32 -1.85	12.11 -0.25 -6.58	11.56 -0.29 -5.21	10.53 -0.29 -4.61	11.59 -0.30 -5.73	12.63 -0.28 -7.02	11.01 -0.31 -4.49	10.24 -0.34 -3.31
SITHE___STERLING 23777	12.48 0.23 -4.22	10.37 0.17 -4.02	10.18 0.16 -3.84	10.13 0.15 -3.78	10.77 0.15 -4.47	16.88 0.17 -10.32	20.23 0.33 -11.87	22.98 0.42 -13.75	24.18 0.47 -14.28	26.34 0.33 -18.90	28.05 0.32 -21.11	29.60 0.30 -22.81	29.86 0.32 -23.08	33.73 0.38 -25.86	34.57 0.31 -27.83	36.42 0.34 -28.92	40.31 0.34 -32.78	38.22 0.29 -32.15	33.35 0.35 -26.36	32.02 0.32 -25.49	33.78 0.31 -27.32	28.10 0.28 -21.95	21.14 0.28 -14.04	17.86 0.25 -10.34
SOUTH CAIRO___GT 23612	19.09 0.71 -10.35	17.56 0.54 -10.83	14.43 0.55 -7.71	14.76 0.54 -8.03	14.29 0.55 -7.59	18.46 0.54 -11.53	21.92 0.63 -13.25	24.77 0.61 -15.35	26.09 0.72 -15.95	28.76 0.54 -21.10	30.68 0.48 -23.58	32.44 0.47 -25.47	32.74 0.49 -25.78	36.96 0.59 -28.89	38.06 0.54 -31.08	40.09 0.63 -32.30	44.44 0.64 -36.62	42.21 0.53 -35.91	36.67 0.59 -29.43	35.20 0.52 -28.48	37.17 0.51 -30.51	30.86 0.47 -24.51	23.04 0.54 -15.68	19.42 0.60 -11.55
SOUTH HAMPTN___IC 23720	21.63 1.73 -11.87	17.88 1.19 -10.50	14.92 1.22 -7.53	15.16 1.17 -7.80	14.82 1.25 -7.43	19.27 1.35 -11.53	28.17 1.79 -18.34	30.83 1.94 -20.08	35.26 2.16 -23.68	37.99 1.70 -29.17	37.33 1.54 -29.18	37.66 1.54 -29.62	35.60 1.59 -27.54	38.19 1.83 -28.88	40.05 1.61 -32.00	42.44 1.83 -33.45	51.53 1.83 -42.52	50.29 1.47 -43.05	42.45 1.65 -34.15	42.32 1.50 -34.61	47.11 1.49 -39.47	39.50 1.39 -32.23	32.42 1.60 -24.00	27.53 1.58 -18.68
SOUTHOLD___IC 23719	21.70 1.81 -11.87	17.94 1.25 -10.50	14.98 1.28 -7.53	15.21 1.23 -7.80	14.89 1.31 -7.43	19.33 1.41 -11.53	28.25 1.87 -18.34	30.94 2.04 -20.08	35.36 2.26 -23.68	38.07 1.78 -29.17	37.41 1.62 -29.18	37.73 1.62 -29.62	35.67 1.66 -27.54	38.28 1.92 -28.88	40.13 1.69 -32.00	42.52 1.91 -33.45	51.62 1.93 -42.52	50.37 1.55 -43.05	42.54 1.74 -34.15	42.41 1.59 -34.61	47.19 1.57 -39.47	39.57 1.47 -32.23	32.51 1.68 -24.00	27.61 1.66 -18.68
ST LAWRENCE___ 23600	8.52 -0.34 -0.84	6.24 -0.27 -0.33	6.24 -0.27 -0.33	6.24 -0.27 -0.31	6.18 -0.26 -0.30	4.00 -0.27 2.12	6.62 -0.36 1.06	3.00 -0.41 5.40	3.00 -0.43 5.99	7.57 -0.32 -0.77	8.46 -0.30 -2.14	8.43 -0.29 -2.23	8.42 -0.30 -2.25	4.82 -0.34 2.32	7.37 -0.29 -1.23	5.00 -0.32 1.84	4.00 -0.32 2.87	8.21 -0.25 -2.69	8.34 -0.30 -1.99	7.36 -0.28 -1.43	8.32 -0.28 -2.45	10.38 -0.26 -4.76	9.57 -0.30 -3.04	9.19 -0.32 -2.24
STATION 5_MISC_HYD 23604	12.15 -0.22 -4.35	10.26 -0.15 -4.24	9.85 -0.14 -3.81	9.83 -0.15 -3.79	10.32 -0.14 -4.31	15.65 -0.14 -9.40	18.82 -0.03 -10.81	21.41 0.07 -12.52	22.51 0.08 -13.01	24.31 -0.02 -17.22	25.85 -0.01 -19.23	27.26 0.00 -20.77	27.51 0.03 -21.01	31.07 0.03 -23.55	31.77 -0.01 -25.34	33.48 -0.01 -26.34	36.99 -0.04 -29.85	35.02 -0.05 -29.29	30.65 -0.01 -24.01	29.44 0.01 -23.22	31.01 -0.01 -24.88	25.84 -0.03 -19.98	19.57 -0.04 -12.79	16.63 -0.06 -9.42
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	12.24 -0.13 -4.35	10.33 -0.09 -4.23	9.90 -0.08 -3.80	9.89 -0.09 -3.79	10.37 -0.07 -4.30	15.70 -0.06 -9.37	18.88 0.06 -10.78	21.47 0.17 -12.49	22.57 0.18 -12.97	24.35 0.06 -17.17	25.87 0.07 -19.18	27.27 0.08 -20.70	27.52 0.10 -20.95	31.08 0.12 -23.47	31.77 0.08 -25.25	33.49 0.08 -26.25	36.99 0.06 -29.75	35.02 0.04 -29.21	30.67 0.09 -23.94	29.45 0.10 -23.14	31.03 0.08 -24.80	25.85 0.05 -19.92	19.61 0.03 -12.75	16.67 0.01 -9.40
STA_56_34_KV_BUS2_REV_LBMP_B 345033	12.10 -0.27 -4.35	10.22 -0.19 -4.23	9.80 -0.19 -3.80	9.79 -0.19 -3.79	10.27 -0.18 -4.31	15.61 -0.18 -9.40	18.75 -0.09 -10.81	21.34 0.01 -12.52	22.44 0.01 -13.00	24.26 -0.06 -17.21	25.79 -0.05 -19.22	27.21 -0.04 -20.76	27.46 -0.01 -21.00	31.01 -0.01 -23.54	31.72 -0.04 -25.32	33.42 -0.06 -26.32	36.94 -0.08 -29.84	34.97 -0.08 -29.28	30.60 -0.05 -24.00	29.39 -0.02 -23.20	30.96 -0.05 -24.86	25.79 -0.06 -19.97	19.52 -0.09 -12.78	16.58 -0.11 -9.42

STEEL___WIND 323596	12.45 -0.18 -4.60	10.58 -0.11 -4.51	10.09 -0.07 -3.98	10.08 -0.08 -3.97	10.54 -0.06 -4.46	15.86 -0.08 -9.55	19.04 0.02 -10.98	21.78 0.25 -12.72	22.86 0.23 -13.21	24.68 0.08 -17.49	26.23 0.07 -19.53	27.67 0.08 -21.09	28.06 0.11 -21.49	32.93 0.11 -25.33	32.21 0.04 -25.74	33.92 0.01 -26.75	37.45 -0.06 -30.32	35.45 -0.08 -29.75	31.06 0.03 -24.39	29.85 0.06 -23.58	31.44 0.02 -25.27	26.20 0.02 -20.30	19.87 0.05 -12.99	16.90 0.06 -9.57
STEBEN_REC_LFGE 323667	13.49 0.34 -5.13	11.52 0.27 -5.08	10.78 0.27 -4.33	10.80 0.25 -4.35	11.20 0.28 -4.77	16.56 0.33 -9.84	19.93 0.58 -11.32	22.72 0.79 -13.11	23.90 0.86 -13.62	25.71 0.58 -18.02	27.30 0.55 -20.13	28.81 0.54 -21.78	29.09 0.56 -22.06	33.04 0.65 -24.91	33.51 0.50 -26.57	35.29 0.52 -27.62	38.96 0.47 -31.30	36.80 0.36 -30.66	32.26 0.48 -25.13	31.04 0.48 -24.34	32.72 0.48 -26.09	27.26 0.42 -20.95	20.67 0.46 -13.39	17.57 0.44 -9.86
STONY___BROOK 24151	21.15 1.26 -11.87	17.55 0.86 -10.50	14.58 0.87 -7.53	14.82 0.84 -7.80	14.47 0.90 -7.43	18.88 0.96 -11.53	27.63 1.25 -18.34	30.24 1.34 -20.09	34.56 1.45 -23.68	37.42 1.13 -29.17	36.81 1.01 -29.18	37.15 1.01 -29.65	35.07 1.02 -27.58	37.50 1.13 -28.89	39.50 1.02 -32.05	41.80 1.15 -33.49	50.81 1.08 -42.54	49.75 0.89 -43.08	41.82 0.98 -34.20	41.81 0.93 -34.67	46.55 0.89 -39.51	39.04 0.89 -32.27	31.93 1.09 -24.01	27.08 1.13 -18.69
STURGEON_POOL_HYD 23609	18.89 0.76 -10.11	17.29 0.56 -10.56	14.30 0.56 -7.56	14.60 0.54 -7.87	14.18 0.55 -7.48	18.47 0.56 -11.52	21.99 0.71 -13.24	24.94 0.79 -15.34	26.24 0.89 -15.93	28.89 0.69 -21.08	30.81 0.63 -23.55	32.57 0.63 -25.45	32.87 0.65 -25.75	37.09 0.75 -28.86	38.16 0.67 -31.05	40.18 0.75 -32.27	44.50 0.74 -36.58	42.25 0.60 -35.88	36.72 0.67 -29.41	35.28 0.62 -28.45	37.24 0.61 -30.48	30.95 0.58 -24.49	23.17 0.68 -15.66	19.52 0.71 -11.54
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.56 0.79 -9.75	16.91 0.57 -10.15	14.09 0.58 -7.34	14.41 0.57 -7.66	14.06 0.58 -7.33	18.48 0.59 -11.50	22.02 0.76 -13.22	24.95 0.85 -15.29	26.17 0.93 -15.81	28.79 0.73 -20.94	30.71 0.67 -23.42	32.49 0.66 -25.34	32.84 0.69 -25.69	37.07 0.79 -28.80	38.14 0.70 -31.00	40.16 0.77 -32.23	44.46 0.75 -36.53	42.20 0.61 -35.81	36.68 0.68 -29.35	35.26 0.65 -28.40	37.21 0.63 -30.43	30.93 0.61 -24.44	23.07 0.71 -15.53	19.44 0.74 -11.43
SYNERGY___BIOGAS 323694	12.25 -0.23 -4.46	10.38 -0.15 -4.35	9.94 -0.12 -3.88	9.93 -0.12 -3.87	10.41 -0.11 -4.37	15.72 -0.13 -9.46	18.93 0.01 -10.88	21.56 0.14 -12.61	22.64 0.12 -13.09	24.43 -0.01 -17.33	25.97 -0.01 -19.36	27.40 0.01 -20.91	27.70 0.03 -21.20	31.65 0.03 -24.13	31.92 -0.03 -25.51	33.62 -0.05 -26.51	37.14 -0.09 -30.05	35.17 -0.10 -29.49	30.79 -0.03 -24.17	29.59 0.01 -23.37	31.16 -0.03 -25.04	25.95 -0.05 -20.12	19.67 -0.03 -12.87	16.74 -0.01 -9.49
SYRACUSE___ENERGY_ST1 323597	12.18 -0.01 -4.16	10.21 -0.01 -4.04	9.84 -0.01 -3.67	9.82 -0.01 -3.64	10.31 -0.01 -4.17	15.58 0.01 -9.18	18.67 0.07 -10.56	21.17 0.12 -12.23	22.26 0.13 -12.71	24.01 0.07 -16.82	25.48 0.07 -18.79	26.86 0.08 -20.29	27.09 0.08 -20.53	30.60 0.10 -23.01	31.27 0.08 -24.76	32.97 0.08 -25.73	36.42 0.07 -29.17	34.45 0.06 -28.62	30.18 0.08 -23.46	28.97 0.07 -22.68	30.54 0.08 -24.31	25.47 0.06 -19.53	19.37 0.05 -12.49	16.51 0.04 -9.21
SYRACUSE___ENERGY_ST2 323598	12.18 -0.01 -4.16	10.21 -0.01 -4.04	9.84 -0.01 -3.67	9.82 -0.01 -3.64	10.31 -0.01 -4.17	15.58 0.01 -9.18	18.67 0.07 -10.56	21.17 0.12 -12.23	22.26 0.13 -12.71	24.01 0.07 -16.82	25.48 0.07 -18.79	26.86 0.08 -20.29	27.09 0.08 -20.53	30.60 0.10 -23.01	31.27 0.08 -24.76	32.97 0.08 -25.73	36.42 0.07 -29.17	34.45 0.06 -28.62	30.18 0.08 -23.46	28.97 0.07 -22.68	30.54 0.08 -24.31	25.47 0.06 -19.53	19.37 0.05 -12.49	16.51 0.04 -9.21
SYRACUSE___POWER 24017	12.27 0.02 -4.23	10.30 0.01 -4.11	9.91 0.01 -3.72	9.89 0.01 -3.70	10.39 0.01 -4.23	15.72 0.03 -9.31	18.84 0.10 -10.71	21.37 0.16 -12.40	22.48 0.18 -12.88	24.27 0.11 -17.05	25.77 0.11 -19.04	27.17 0.11 -20.57	27.40 0.12 -20.82	30.96 0.14 -23.33	31.64 0.11 -25.10	33.36 0.11 -26.09	36.86 0.11 -29.57	34.87 0.09 -29.01	30.53 0.11 -23.78	29.31 0.11 -23.00	30.90 0.10 -24.64	25.77 0.09 -19.80	19.57 0.08 -12.66	16.66 0.07 -9.33
TRIGEN___CC 323695	20.92 1.03 -11.87	17.42 0.73 -10.51	14.45 0.74 -7.53	14.70 0.72 -7.80	14.33 0.76 -7.44	18.71 0.79 -11.53	27.38 1.00 -18.35	31.61 1.11 -21.68	34.72 1.19 -24.11	37.42 0.92 -29.38	37.50 0.83 -30.04	41.01 0.82 -33.69	41.15 0.86 -33.82	37.98 0.98 -29.52	46.23 0.88 -38.92	47.90 0.98 -39.76	54.90 0.95 -46.77	54.13 0.77 -47.58	48.29 0.84 -40.80	51.38 0.80 -44.37	52.31 0.79 -45.38	45.73 0.76 -39.08	33.21 0.90 -25.49	28.07 0.95 -19.85
UNION___PROCESSING_DRP 323587	12.14 -0.24 -4.36	10.25 -0.17 -4.24	9.84 -0.15 -3.81	9.83 -0.15 -3.79	10.31 -0.15 -4.31	15.64 -0.15 -9.40	18.79 -0.06 -10.81	21.39 0.05 -12.53	22.48 0.05 -13.01	24.30 -0.04 -17.22	25.83 -0.03 -19.23	27.24 -0.02 -20.77	27.49 0.01 -21.02	31.05 0.01 -23.55	31.75 -0.03 -25.34	33.45 -0.04 -26.34	36.97 -0.06 -29.85	35.00 -0.07 -29.29	30.63 -0.03 -24.01	29.42 -0.01 -23.22	31.00 -0.03 -24.88	25.82 -0.05 -19.99	19.55 -0.06 -12.79	16.62 -0.07 -9.42
UPPER HUDSON___HYD 24058	20.04 0.71 -11.31	18.64 0.54 -11.93	15.02 0.54 -8.31	15.41 0.53 -8.69	14.75 0.55 -8.06	18.70 0.57 -11.74	22.17 0.70 -13.44	25.27 0.71 -15.75	26.47 0.67 -16.38	28.92 0.52 -21.29	30.83 0.48 -23.72	32.57 0.45 -25.64	32.86 0.45 -25.94	37.30 0.53 -29.29	38.25 0.47 -31.34	40.41 0.54 -32.72	44.85 0.55 -37.12	42.39 0.46 -36.16	36.81 0.52 -29.65	35.39 0.47 -28.71	37.37 0.50 -30.72	30.89 0.45 -24.55	23.11 0.58 -15.70	19.46 0.62 -11.57
UPPER RAQUET___HYD 24056	8.98 -0.50 -1.45	6.77 -0.41 -1.00	6.77 -0.41 -1.01	6.75 -0.41 -0.97	6.86 -0.40 -1.12	6.42 -0.40 -0.43	9.12 -0.51 -1.59	6.73 -0.61 1.47	6.96 -0.63 1.83	11.13 -0.47 -4.49	12.22 -0.42 -6.02	12.51 -0.42 -6.44	12.56 -0.42 -6.52	10.45 -0.49 -3.45	12.70 -0.41 -6.67	11.16 -0.47 -4.46	11.17 -0.45 -4.44	14.15 -0.35 -8.72	13.22 -0.41 -6.98	12.17 -0.40 -6.35	13.29 -0.40 -7.54	13.79 -0.36 -8.27	11.72 -0.40 -5.29	10.77 -0.39 -3.90
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.30 0.53 -6.75	13.39 0.40 -6.82	12.03 0.39 -5.47	12.14 0.40 -5.56	12.34 0.38 -5.82	17.83 0.40 -11.04	21.28 0.55 -12.69	24.15 0.63 -14.71	25.40 0.70 -15.27	27.87 0.53 -20.21	29.70 0.50 -22.58	31.37 0.48 -24.40	31.64 0.49 -24.69	35.72 0.56 -27.67	36.68 0.47 -29.77	38.62 0.52 -30.94	42.80 0.54 -35.07	40.62 0.44 -34.40	35.36 0.52 -28.19	33.97 0.48 -27.28	35.85 0.47 -29.23	29.81 0.45 -23.48	22.33 0.49 -15.02	18.83 0.50 -11.06
VISCHER___FERRY HYD 24020	19.85 0.58 -11.24	18.48 0.45 -11.85	14.90 0.46 -8.27	15.28 0.45 -8.65	14.63 0.45 -8.03	18.60 0.47 -11.74	21.96 0.49 -13.44	25.01 0.45 -15.75	26.19 0.39 -16.37	28.71 0.30 -21.29	30.63 0.28 -23.73	32.39 0.26 -25.64	32.67 0.26 -25.95	37.08 0.31 -29.29	38.07 0.28 -31.35	40.20 0.32 -32.72	44.63 0.33 -37.12	42.23 0.28 -36.17	36.62 0.32 -29.65	35.20 0.29 -28.71	37.18 0.30 -30.72	30.72 0.28 -24.56	22.94 0.40 -15.71	19.29 0.45 -11.57

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.71 0.87 -9.81	17.03 0.62 -10.23	14.19 0.63 -7.38	14.54 0.62 -7.72	14.16 0.64 -7.38	18.55 0.66 -11.50	22.10 0.84 -13.22	25.05 0.94 -15.29	26.24 1.04 -15.78	28.84 0.81 -20.91	30.76 0.74 -23.39	32.55 0.74 -25.32	32.93 0.77 -25.69	37.17 0.88 -28.81	38.23 0.77 -31.02	40.27 0.87 -32.24	44.57 0.84 -36.55	42.29 0.68 -35.83	36.77 0.76 -29.36	35.34 0.73 -28.41	37.30 0.71 -30.44	31.01 0.68 -24.45	23.11 0.78 -15.50	19.49 0.82 -11.40
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.06 0.98 -10.06	17.39 0.71 -10.50	14.42 0.71 -7.53	14.68 0.69 -7.80	14.29 0.71 -7.43	18.64 0.73 -11.52	22.19 0.95 -13.20	25.08 1.07 -15.20	25.98 1.17 -15.39	28.84 0.91 -20.81	30.46 0.83 -23.00	32.35 0.83 -25.03	34.54 0.86 -27.21	37.21 0.98 -28.74	38.79 0.86 -31.49	40.40 0.97 -32.28	44.67 0.93 -36.57	42.34 0.75 -35.81	36.81 0.84 -29.33	35.39 0.80 -28.38	37.34 0.78 -30.41	31.05 0.75 -24.42	22.77 0.87 -15.07	19.21 0.92 -11.03
WADING RIVER_IC_1 23522	21.13 1.24 -11.87	17.48 0.80 -10.50	14.52 0.81 -7.53	14.76 0.77 -7.80	14.41 0.84 -7.43	18.85 0.93 -11.53	27.61 1.23 -18.34	30.07 1.18 -20.08	34.40 1.30 -23.68	37.30 1.02 -29.17	36.69 0.89 -29.18	37.00 0.90 -29.62	34.92 0.92 -27.53	37.39 1.03 -28.88	39.36 0.93 -31.99	41.65 1.05 -33.44	50.71 1.02 -42.51	49.65 0.83 -43.04	41.70 0.92 -34.14	41.66 0.86 -34.60	46.45 0.84 -39.46	38.91 0.81 -32.22	31.81 0.98 -24.00	26.94 0.99 -18.68
WADING RIVER_IC_2 23547	21.13 1.24 -11.87	17.48 0.80 -10.50	14.52 0.81 -7.53	14.76 0.77 -7.80	14.41 0.84 -7.43	18.85 0.93 -11.53	27.61 1.23 -18.34	30.07 1.18 -20.08	34.40 1.30 -23.68	37.30 1.02 -29.17	36.69 0.89 -29.18	37.00 0.90 -29.62	34.92 0.92 -27.53	37.39 1.03 -28.88	39.36 0.93 -31.99	41.65 1.05 -33.44	50.71 1.02 -42.51	49.65 0.83 -43.04	41.70 0.92 -34.14	41.66 0.86 -34.60	46.45 0.84 -39.46	38.91 0.81 -32.22	31.81 0.98 -24.00	26.94 0.99 -18.68
WADING RIVER_IC_3 23601	21.13 1.24 -11.87	17.48 0.80 -10.50	14.52 0.81 -7.53	14.76 0.77 -7.80	14.41 0.84 -7.43	18.85 0.93 -11.53	27.61 1.23 -18.34	30.07 1.18 -20.08	34.40 1.30 -23.68	37.30 1.02 -29.17	36.69 0.89 -29.18	37.00 0.90 -29.62	34.92 0.92 -27.53	37.39 1.03 -28.88	39.36 0.93 -31.99	41.65 1.05 -33.44	50.71 1.02 -42.51	49.65 0.83 -43.04	41.70 0.92 -34.14	41.66 0.86 -34.60	46.45 0.84 -39.46	38.91 0.81 -32.22	31.81 0.98 -24.00	26.94 0.99 -18.68
WALDEN___HYDRO 24148	18.83 0.84 -9.96	17.19 0.61 -10.40	14.26 0.62 -7.47	14.57 0.60 -7.78	14.18 0.61 -7.42	18.53 0.63 -11.51	22.09 0.82 -13.23	25.06 0.92 -15.33	26.37 1.03 -15.92	28.99 0.80 -21.07	30.89 0.73 -23.54	32.65 0.73 -25.43	32.96 0.76 -25.73	37.19 0.87 -28.84	38.24 0.77 -31.03	40.28 0.87 -32.25	44.59 0.85 -36.56	42.31 0.68 -35.85	36.80 0.77 -29.39	35.37 0.73 -28.43	37.32 0.71 -30.47	31.03 0.67 -24.47	23.25 0.77 -15.65	19.60 0.80 -11.53
WARRENSBURG____ 23737	20.04 0.71 -11.31	18.64 0.54 -11.93	15.02 0.54 -8.31	15.41 0.53 -8.69	14.75 0.55 -8.06	18.70 0.57 -11.74	22.17 0.70 -13.44	25.27 0.71 -15.75	26.47 0.67 -16.38	28.92 0.52 -21.29	30.83 0.48 -23.72	32.57 0.45 -25.64	32.86 0.45 -25.94	37.30 0.53 -29.29	38.25 0.47 -31.34	40.41 0.54 -32.72	44.85 0.55 -37.12	42.39 0.46 -36.16	36.81 0.52 -29.65	35.39 0.47 -28.71	37.37 0.50 -30.72	30.89 0.45 -24.55	23.11 0.58 -15.70	19.46 0.62 -11.57
WATERSIDE___6 8 9 23538	19.10 1.01 -10.07	17.42 0.73 -10.51	14.45 0.73 -7.53	14.71 0.72 -7.80	14.31 0.73 -7.44	18.67 0.75 -11.53	22.57 0.96 -13.58	26.57 1.08 -16.67	32.04 1.18 -21.44	36.00 0.91 -27.98	36.57 0.83 -29.11	36.94 0.82 -29.62	37.60 0.85 -30.29	38.39 0.97 -29.93	39.24 0.85 -31.95	40.40 0.94 -32.30	44.68 0.91 -36.58	42.69 0.74 -36.17	36.82 0.84 -29.33	35.99 0.79 -28.99	38.07 0.76 -31.16	31.72 0.75 -25.09	29.44 0.87 -21.74	24.91 0.92 -16.73
WDELAWARE___HYD 323627	18.56 0.83 -9.70	16.89 0.61 -10.11	14.10 0.61 -7.31	14.39 0.60 -7.60	14.05 0.61 -7.29	18.50 0.62 -11.49	22.06 0.81 -13.21	25.04 0.92 -15.31	26.36 1.04 -15.90	28.96 0.80 -21.04	30.85 0.72 -23.51	32.61 0.72 -25.40	32.91 0.74 -25.70	37.15 0.86 -28.80	38.19 0.77 -30.99	40.22 0.86 -32.21	44.54 0.85 -36.51	42.27 0.69 -35.80	36.77 0.78 -29.35	35.33 0.73 -28.39	37.29 0.71 -30.42	31.00 0.68 -24.44	23.22 0.76 -15.63	19.58 0.79 -11.52
WEST BABYLON___IC 23714	21.14 1.24 -11.87	17.56 0.88 -10.51	14.60 0.89 -7.53	14.84 0.85 -7.80	14.49 0.91 -7.43	18.88 0.96 -11.53	27.62 1.24 -18.34	30.62 1.37 -20.43	34.69 1.49 -23.77	37.47 1.14 -29.22	37.00 1.01 -29.37	38.01 1.01 -30.51	36.42 1.03 -28.91	37.68 1.18 -29.02	41.00 1.05 -33.52	43.17 1.18 -34.83	51.79 1.16 -43.45	50.76 0.94 -44.04	43.29 1.04 -35.61	43.94 0.98 -36.75	47.88 0.97 -40.76	40.54 0.93 -33.73	32.28 1.13 -24.33	27.37 1.16 -18.94
WEST CANADA___HYD 24049	12.52 0.10 -4.40	10.40 0.07 -4.14	10.41 0.07 -4.16	10.32 0.07 -4.06	11.16 0.07 -4.95	18.46 0.08 -11.99	21.85 0.10 -13.72	25.01 0.11 -16.09	26.27 0.11 -16.73	28.93 0.09 -21.73	30.92 0.08 -24.22	32.73 0.08 -26.16	33.02 0.08 -26.48	37.47 0.08 -29.90	38.50 0.07 -31.99	40.64 0.08 -33.40	45.16 0.07 -37.89	42.75 0.06 -36.91	36.99 0.08 -30.26	35.58 0.07 -29.30	37.58 0.07 -31.35	31.01 0.07 -25.05	22.94 0.08 -16.03	19.16 0.09 -11.81
WESTERN_NY_WIND 24143	12.25 -0.24 -4.46	10.39 -0.15 -4.36	9.94 -0.12 -3.88	9.94 -0.12 -3.87	10.40 -0.12 -4.38	15.72 -0.13 -9.47	18.92 0.00 -10.89	21.55 0.13 -12.61	22.64 0.11 -13.10	24.43 -0.02 -17.33	25.97 -0.01 -19.36	27.40 0.00 -20.91	27.70 0.03 -21.20	31.67 0.03 -24.16	31.93 -0.03 -25.51	33.62 -0.06 -26.52	37.14 -0.10 -30.06	35.16 -0.11 -29.49	30.79 -0.03 -24.17	29.59 0.00 -23.38	31.16 -0.04 -25.05	25.95 -0.05 -20.12	19.66 -0.04 -12.88	16.75 -0.01 -9.49
WESTOVER___LESR 323668	14.10 0.22 -5.86	12.22 0.18 -5.87	11.18 0.18 -4.83	11.25 0.18 -4.88	11.54 0.18 -5.22	16.86 0.20 -10.27	20.15 0.31 -11.81	22.89 0.41 -13.68	24.06 0.43 -14.20	26.22 0.31 -18.80	27.91 0.28 -21.00	29.47 0.28 -22.70	29.73 0.29 -22.97	33.63 0.34 -25.81	34.40 0.27 -27.69	36.23 0.29 -28.78	40.08 0.27 -32.62	37.98 0.21 -31.99	33.14 0.27 -26.22	31.85 0.27 -25.37	33.60 0.26 -27.19	27.97 0.25 -21.84	21.06 0.27 -13.97	17.83 0.28 -10.29
WETHRSFD_WT_PWR 323626	12.34 -0.26 -4.57	10.49 -0.16 -4.47	10.01 -0.12 -3.96	10.00 -0.14 -3.95	10.47 -0.12 -4.44	15.77 -0.15 -9.53	18.94 -0.06 -10.96	21.63 0.12 -12.69	22.70 0.09 -13.19	24.54 -0.03 -17.45	26.09 -0.03 -19.49	27.53 -0.01 -21.05	27.90 0.01 -21.42	32.57 0.00 -25.08	32.07 -0.06 -25.69	33.76 -0.10 -26.70	37.29 -0.16 -30.26	35.31 -0.16 -29.69	30.92 -0.07 -24.34	29.71 -0.03 -23.54	31.31 -0.06 -25.22	26.08 -0.06 -20.26	19.76 -0.03 -12.96	16.80 -0.02 -9.55
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.67 0.83 -9.82	17.00 0.59 -10.23	14.16 0.60 -7.38	14.51 0.59 -7.73	14.14 0.61 -7.38	18.52 0.63 -11.50	22.06 0.80 -13.22	25.00 0.90 -15.29	26.18 0.98 -15.78	28.79 0.77 -20.91	30.72 0.71 -23.39	32.51 0.70 -25.32	32.89 0.72 -25.69	37.12 0.83 -28.81	38.19 0.73 -31.02	40.22 0.82 -32.24	44.52 0.79 -36.55	42.25 0.64 -35.83	36.72 0.72 -29.36	35.30 0.68 -28.41	37.26 0.67 -30.44	30.97 0.64 -24.45	23.07 0.75 -15.50	19.45 0.79 -11.40

YORK__WARBASSE	19.14	17.45	14.47	14.75	14.35	18.70	22.62	26.64	32.20	36.04	36.73	37.07	37.64	38.47	39.28	40.45	44.72	44.10	41.42	36.05	38.14	31.77	29.61	25.07
23770	1.05	0.76	0.76	0.75	0.77	0.78	1.01	1.15	1.24	0.95	0.88	0.87	0.89	1.03	0.89	0.99	0.96	0.78	0.89	0.84	0.81	0.79	0.92	0.97
	-10.07	-10.51	-7.54	-7.80	-7.44	-11.53	-13.58	-16.69	-21.53	-27.98	-29.22	-29.71	-30.29	-29.96	-31.95	-32.30	-36.58	-37.55	-33.88	-29.01	-31.18	-25.10	-21.86	-16.83