

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

02/02/2019

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	45.68	42.76	42.18	41.23	40.02	43.28	47.39	47.63	49.52	49.08	42.85	38.25	36.50	34.96	33.98	34.12	36.97	46.76	43.54	39.84	37.59	34.84	33.84	31.40
24138	2.66	2.10	1.96	1.98	2.00	2.04	2.08	2.39	2.80	2.90	3.12	2.94	2.53	2.25	2.38	2.32	2.66	3.25	3.36	3.39	3.58	3.28	2.80	2.12
	-16.42	-18.53	-19.83	-18.88	-17.65	-20.82	-24.76	-22.91	-22.39	-20.24	-13.30	-10.34	-12.37	-13.43	-11.22	-11.76	-12.28	-16.19	-11.69	-8.42	-5.17	-4.01	-6.68	-8.94
74TH STREET_GT_1	45.74	42.81	42.20	41.27	40.04	43.30	47.41	47.65	49.52	49.11	42.88	38.28	36.53	34.98	34.00	34.15	36.99	46.82	43.60	39.90	37.62	34.88	33.87	31.42
24260	2.71	2.15	1.98	2.02	2.02	2.06	2.10	2.41	2.80	2.93	3.14	2.97	2.55	2.27	2.40	2.34	2.69	3.30	3.42	3.45	3.61	3.30	2.82	2.14
	-16.43	-18.54	-19.83	-18.88	-17.65	-20.83	-24.76	-22.91	-22.39	-20.24	-13.30	-10.35	-12.37	-13.43	-11.22	-11.76	-12.28	-16.19	-11.69	-8.42	-5.17	-4.02	-6.68	-8.94
74TH STREET_GT_2	45.74	42.81	42.20	41.27	40.04	43.30	47.41	47.65	49.52	49.11	42.88	38.28	36.53	34.98	34.00	34.15	36.99	46.82	43.60	39.90	37.62	34.88	33.87	31.42
24261	2.71	2.15	1.98	2.02	2.02	2.06	2.10	2.41	2.80	2.93	3.14	2.97	2.55	2.27	2.40	2.34	2.69	3.30	3.42	3.45	3.61	3.30	2.82	2.14
	-16.43	-18.54	-19.83	-18.88	-17.65	-20.83	-24.76	-22.91	-22.39	-20.24	-13.30	-10.35	-12.37	-13.43	-11.22	-11.76	-12.28	-16.19	-11.69	-8.42	-5.17	-4.02	-6.68	-8.94
ADK HUDSON___FALLS	50.91	48.81	48.63	47.28	45.64	49.93	55.31	54.93	56.51	55.40	46.80	41.26	40.40	39.15	37.40	37.78	40.64	51.78	46.93	42.04	38.56	35.47	35.53	34.06
24011	2.42	1.97	1.79	1.73	1.73	1.76	1.75	1.99	2.26	2.41	2.59	2.50	2.27	1.93	2.04	2.02	2.20	2.87	2.85	2.78	2.83	2.59	2.27	1.79
	-21.90	-24.71	-26.44	-25.17	-23.53	-27.76	-33.01	-30.61	-29.91	-27.05	-17.77	-13.80	-16.52	-17.94	-14.99	-15.71	-16.41	-21.59	-15.58	-11.23	-6.89	-5.34	-8.91	-11.92
ADK RESOURCE___RCVRY	50.86	48.71	48.50	47.17	45.54	49.80	55.13	54.82	56.42	55.37	46.88	41.37	40.43	39.16	37.46	37.82	40.74	51.87	47.08	42.22	38.76	35.68	35.63	34.10
23798	2.55	2.08	1.90	1.83	1.83	1.86	1.85	2.14	2.43	2.62	2.83	2.72	2.44	2.10	2.22	2.20	2.44	3.14	3.13	3.06	3.09	2.84	2.44	1.93
	-21.71	-24.50	-26.21	-24.96	-23.33	-27.53	-32.73	-30.35	-29.65	-26.81	-17.61	-13.69	-16.38	-17.79	-14.86	-15.57	-16.27	-21.40	-15.45	-11.13	-6.83	-5.29	-8.83	-11.82
ADK S GLENS___FALLS	50.91	48.81	48.63	47.28	45.64	49.93	55.31	54.93	56.51	55.40	46.80	41.26	40.40	39.15	37.40	37.78	40.64	51.78	46.93	42.04	38.56	35.47	35.53	34.06
24028	2.42	1.97	1.79	1.73	1.73	1.76	1.75	1.99	2.26	2.41	2.59	2.50	2.27	1.93	2.04	2.02	2.20	2.87	2.85	2.78	2.83	2.59	2.27	1.79
	-21.90	-24.71	-26.44	-25.17	-23.53	-27.76	-33.01	-30.61	-29.91	-27.05	-17.77	-13.80	-16.52	-17.94	-14.99	-15.71	-16.41	-21.59	-15.58	-11.23	-6.89	-5.34	-8.91	-11.92
ADK_NYS___DAM	50.07	47.94	47.74	46.44	44.86	49.03	54.29	53.93	55.50	54.45	46.05	40.61	39.61	38.43	36.75	37.11	40.01	50.88	46.25	41.45	38.07	35.09	35.09	33.63
23527	2.13	1.73	1.57	1.53	1.55	1.55	1.56	1.83	2.07	2.20	2.33	2.22	1.92	1.70	1.79	1.78	2.02	2.51	2.57	2.47	2.51	2.34	2.05	1.67
	-21.35	-24.09	-25.78	-24.54	-22.94	-27.07	-32.18	-29.78	-29.10	-26.31	-17.28	-13.43	-16.07	-17.46	-14.59	-15.28	-15.96	-21.04	-15.19	-10.95	-6.72	-5.20	-8.69	-11.62
AIR_PRODUCTS___DRP	49.42	47.29	47.10	45.85	44.27	48.35	53.53	52.96	54.36	53.32	44.75	39.42	38.49	37.37	35.73	36.06	38.75	49.30	44.74	40.11	36.80	34.18	34.36	33.09
24190	1.83	1.48	1.37	1.34	1.34	1.33	1.34	1.41	1.46	1.56	1.35	1.27	1.10	0.96	1.04	1.02	1.06	1.28	1.31	1.32	1.36	1.51	1.46	1.32
	-20.99	-23.69	-25.34	-24.13	-22.55	-26.61	-31.64	-29.23	-28.56	-25.83	-16.96	-13.18	-15.78	-17.13	-14.32	-15.00	-15.67	-20.69	-14.94	-10.76	-6.61	-5.11	-8.54	-11.43
ALBANY___1	49.42	47.29	47.10	45.85	44.27	48.35	53.53	52.96	54.36	53.32	44.75	39.42	38.49	37.37	35.73	36.06	38.75	49.30	44.74	40.11	36.80	34.18	34.36	33.09
23571	1.83	1.48	1.37	1.34	1.34	1.33	1.34	1.41	1.46	1.56	1.35	1.27	1.10	0.96	1.04	1.02	1.06	1.28	1.31	1.32	1.36	1.51	1.46	1.32
	-20.99	-23.69	-25.34	-24.13	-22.55	-26.61	-31.64	-29.23	-28.56	-25.83	-16.96	-13.18	-15.78	-17.13	-14.32	-15.00	-15.67	-20.69	-14.94	-10.76	-6.61	-5.11	-8.54	-11.43
ALBANY___2	49.42	47.29	47.10	45.85	44.27	48.35	53.53	52.96	54.36	53.32	44.75	39.42	38.49	37.37	35.73	36.06	38.75	49.30	44.74	40.11	36.80	34.18	34.36	33.09
23572	1.83	1.48	1.37	1.34	1.34	1.33	1.34	1.41	1.46	1.56	1.35	1.27	1.10	0.96	1.04	1.02	1.06	1.28	1.31	1.32	1.36	1.51	1.46	1.32
	-20.99	-23.69	-25.34	-24.13	-22.55	-26.61	-31.64	-29.23	-28.56	-25.83	-16.96	-13.18	-15.78	-17.13	-14.32	-15.00	-15.67	-20.69	-14.94	-10.76	-6.61	-5.11	-8.54	-11.43
ALBANY___3	49.42	47.29	47.10	45.85	44.27	48.35	53.53	52.96	54.36	53.32	44.75	39.42	38.49	37.37	35.73	36.06	38.75	49.30	44.74	40.11	36.80	34.18	34.36	33.09
23573	1.83	1.48	1.37	1.34	1.34	1.33	1.34	1.41	1.46	1.56	1.35	1.27	1.10	0.96	1.04	1.02	1.06	1.28	1.31	1.32	1.36	1.51	1.46	1.32
	-20.99	-23.69	-25.34	-24.13	-22.55	-26.61	-31.64	-29.23	-28.56	-25.83	-16.96	-13.18	-15.78	-17.13	-14.32	-15.00	-15.67	-20.69	-14.94	-10.76	-6.61	-5.11	-8.54	-11.43
ALBANY___4	49.42	47.29	47.10	45.85	44.27	48.35	53.53	52.96	54.36	53.32	44.75	39.42	38.49	37.37	35.73	36.06	38.75	49.30	44.74	40.11	36.80	34.18	34.36	33.09
23574	1.83	1.48	1.37	1.34	1.34	1.33	1.34	1.41	1.46	1.56	1.35	1.27	1.10	0.96	1.04	1.02	1.06	1.28	1.31	1.32	1.36	1.51	1.46	1.32
	-20.99	-23.69	-25.34	-24.13	-22.55	-26.61	-31.64	-29.23	-28.56	-25.83	-16.96	-13.18	-15.78	-17.13	-14.32	-15.00	-15.67	-20.69	-14.94	-10.76	-6.61	-5.11	-8.54	-11.43



ALBANY___LFGE 323615	50.01 2.13 -21.29	47.85 1.70 -24.02	47.67 1.57 -25.70	46.39 1.55 -24.47	44.80 1.55 -22.87	48.93 1.53 -26.99	54.20 1.56 -32.09	53.63 1.68 -29.63	55.09 1.80 -28.95	54.03 1.92 -26.18	45.43 1.80 -17.20	40.02 1.70 -13.36	39.09 1.49 -15.99	37.93 1.29 -17.37	36.25 1.37 -14.51	36.59 1.34 -15.21	39.34 1.43 -15.88	50.08 1.78 -20.98	45.44 1.80 -15.15	40.72 1.77 -10.92	37.36 1.82 -6.70	34.61 1.87 -5.19	34.77 1.75 -8.66	33.46 1.53 -11.59
ALCOA_RYNLDS___DRP 24188	25.19 -1.41 0.00	21.02 -1.11 0.00	19.37 -1.02 0.00	19.40 -0.98 0.00	19.32 -1.06 0.00	19.31 -1.10 0.00	19.57 -0.99 0.00	21.19 -1.14 0.00	23.02 -1.31 0.00	24.51 -1.43 0.00	24.96 -1.48 0.00	23.57 -1.40 0.00	20.42 -1.19 0.00	18.31 -0.96 0.00	19.33 -1.04 0.00	18.98 -1.06 0.00	20.83 -1.19 0.00	25.87 -1.45 0.00	27.07 -1.42 0.00	26.60 -1.43 0.00	27.31 -1.53 0.00	26.23 -1.32 0.00	23.26 -1.10 0.00	19.47 -0.87 0.00
ALCOA___DSASP 323711	25.19 -1.41 0.00	21.02 -1.11 0.00	19.37 -1.02 0.00	19.40 -0.98 0.00	19.32 -1.06 0.00	19.31 -1.10 0.00	19.57 -0.99 0.00	21.19 -1.14 0.00	23.02 -1.31 0.00	24.51 -1.43 0.00	24.96 -1.48 0.00	23.57 -1.40 0.00	20.42 -1.19 0.00	18.31 -0.96 0.00	19.33 -1.04 0.00	18.98 -1.06 0.00	20.83 -1.19 0.00	25.87 -1.45 0.00	27.07 -1.42 0.00	26.60 -1.43 0.00	27.31 -1.53 0.00	26.23 -1.32 0.00	23.26 -1.10 0.00	19.47 -0.87 0.00
ALLEGHENY___COGEN 23514	30.98 1.57 -2.81	26.38 1.08 -3.17	24.77 0.98 -3.40	24.46 0.86 -3.23	24.36 0.96 -3.02	25.14 1.16 -3.57	25.64 0.84 -4.24	27.64 1.38 -3.92	29.38 1.22 -3.84	30.57 1.17 -3.47	29.93 1.22 -2.28	27.81 1.07 -1.77	24.68 0.95 -2.12	22.13 0.56 -2.30	22.91 0.61 -1.92	22.66 0.60 -2.01	24.88 0.75 -2.10	31.30 1.20 -2.77	31.69 1.20 -2.00	30.62 1.15 -1.44	30.91 1.18 -0.89	29.09 0.85 -0.69	26.14 0.63 -1.14	22.46 0.59 -1.53
ALTONA_WT_PWR 323606	25.37 -1.22 0.00	21.22 -0.91 0.00	19.58 -0.82 0.00	19.60 -0.77 0.00	19.56 -0.82 0.00	19.54 -0.88 0.00	19.79 -0.76 0.00	21.48 -0.85 0.00	23.31 -1.02 0.00	24.72 -1.22 0.00	25.20 -1.24 0.00	23.74 -1.22 0.00	20.55 -1.06 0.00	18.45 -0.83 0.00	19.50 -0.88 0.00	19.18 -0.86 0.00	21.10 -0.92 0.00	26.15 -1.17 0.00	27.47 -1.02 0.00	26.99 -1.04 0.00	27.83 -1.01 0.00	26.78 -0.77 0.00	23.77 -0.58 0.00	19.96 -0.39 0.00
AMERICAN_REF_FUEL 24010	28.58 -0.51 -2.49	24.23 -0.71 -2.81	22.81 -0.59 -3.01	22.48 -0.75 -2.86	22.40 -0.65 -2.68	22.90 -0.67 -3.16	23.18 -1.13 -3.75	24.78 -1.03 -3.48	26.51 -1.22 -3.40	27.58 -1.43 -3.07	27.00 -1.45 -2.02	25.11 -1.42 -1.57	22.34 -1.15 -1.88	20.14 -1.18 -2.04	20.85 -1.22 -1.70	20.60 -1.22 -1.78	22.63 -1.25 -1.86	28.14 -1.64 -2.46	28.47 -1.79 -1.77	27.77 -1.54 -1.28	28.07 -1.56 -0.78	26.47 -1.68 -0.61	23.84 -1.53 -1.01	20.40 -1.30 -1.36
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.00 0.58 -2.82	25.33 0.02 -3.18	23.81 0.02 -3.40	23.41 -0.20 -3.24	23.46 0.06 -3.03	23.80 -0.18 -3.57	24.29 -0.51 -4.24	25.97 -0.29 -3.93	27.86 -0.32 -3.84	28.91 -0.49 -3.47	28.21 -0.50 -2.28	26.16 -0.57 -1.77	23.26 -0.48 -2.12	20.98 -0.60 -2.30	21.73 -0.57 -1.92	21.60 -0.46 -2.02	23.64 -0.48 -2.11	29.47 -0.63 -2.78	29.90 -0.60 -2.00	29.14 -0.34 -1.44	29.47 -0.26 -0.89	27.74 -0.50 -0.69	25.02 -0.49 -1.15	21.43 -0.45 -1.53
ARTHUR_KILL_GT_1 23520	45.82 2.79 -16.43	42.88 2.21 -18.55	42.29 2.06 -19.84	41.34 2.08 -18.89	38.37 2.08 -15.92	38.35 2.10 -15.83	40.68 2.12 -18.01	44.20 2.28 -19.60	41.26 2.58 -14.35	38.05 2.70 -9.42	38.10 2.93 -8.73	38.11 2.80 -10.35	36.38 2.40 -12.37	34.83 2.12 -13.43	33.84 2.24 -11.22	34.01 2.20 -11.76	36.86 2.55 -12.28	46.71 3.20 -16.19	43.52 3.33 -11.69	39.79 3.33 -8.42	37.50 3.49 -5.17	34.88 3.30 -4.02	33.95 2.90 -6.69	31.45 2.16 -8.95
ARTHUR_KILL_2 23512	45.82 2.79 -16.43	42.88 2.21 -18.55	42.29 2.06 -19.84	41.34 2.08 -18.89	38.37 2.08 -15.92	38.35 2.10 -15.83	40.68 2.12 -18.01	44.20 2.28 -19.60	41.26 2.58 -14.35	38.05 2.70 -9.42	38.10 2.93 -8.73	38.11 2.80 -10.35	36.38 2.40 -12.37	34.83 2.12 -13.43	33.84 2.24 -11.22	34.01 2.20 -11.76	36.86 2.55 -12.28	46.71 3.20 -16.19	43.52 3.33 -11.69	39.79 3.33 -8.42	37.50 3.49 -5.17	34.88 3.30 -4.02	33.95 2.90 -6.69	31.45 2.16 -8.95
ARTHUR_KILL_3 23513	45.52 2.50 -16.43	42.63 1.97 -18.54	42.06 1.84 -19.83	41.13 1.87 -18.88	38.20 1.91 -15.91	38.18 1.94 -15.83	40.55 1.99 -18.00	44.22 2.30 -19.60	41.40 2.72 -14.35	38.21 2.85 -9.42	38.21 3.04 -8.73	38.20 2.89 -10.35	36.46 2.48 -12.37	34.92 2.22 -13.43	33.94 2.34 -11.22	34.08 2.28 -11.76	36.90 2.60 -12.28	46.68 3.17 -16.19	43.43 3.25 -11.69	39.76 3.31 -8.42	37.50 3.49 -5.17	34.79 3.22 -4.02	33.77 2.73 -6.68	31.34 2.05 -8.94
ARTHUR_KILL_COGEN 323718	45.82 2.79 -16.43	42.88 2.21 -18.55	42.29 2.06 -19.84	41.34 2.08 -18.89	38.37 2.08 -15.92	38.35 2.10 -15.83	40.68 2.12 -18.01	44.20 2.28 -19.60	41.26 2.58 -14.35	38.05 2.70 -9.42	38.10 2.93 -8.73	38.11 2.80 -10.35	36.38 2.40 -12.37	34.83 2.12 -13.43	33.84 2.24 -11.22	34.01 2.20 -11.76	36.86 2.55 -12.28	46.71 3.20 -16.19	43.52 3.33 -11.69	39.79 3.33 -8.42	37.50 3.49 -5.17	34.88 3.30 -4.02	33.95 2.90 -6.69	31.45 2.16 -8.95
ASHOKAN____ 23654	47.27 3.30 -17.38	44.43 2.70 -19.61	43.86 2.49 -20.98	42.83 2.48 -19.97	41.55 2.51 -18.67	44.91 2.47 -22.03	49.29 2.55 -26.19	49.08 2.52 -24.23	51.17 3.16 -23.68	50.72 3.37 -21.41	43.91 3.41 -14.06	38.83 2.94 -10.93	37.22 2.53 -13.08	35.95 2.47 -14.20	34.83 2.59 -11.87	35.00 2.53 -12.44	37.92 2.91 -12.99	48.36 3.91 -17.13	45.08 4.22 -12.36	40.95 4.01 -8.91	38.29 3.98 -5.47	35.36 3.58 -4.23	34.45 3.02 -7.07	32.06 2.26 -9.46
ASTORIA_EAST_ENERGY_CC1 323581	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.71 2.99 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.95 2.36 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.62 3.11 -16.18	43.45 3.28 -11.68	39.81 3.36 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.95 2.90 -6.69	31.51 2.22 -8.95
ASTORIA_EAST_ENERGY_CC2 323582	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.71 2.99 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.95 2.36 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.62 3.11 -16.18	43.45 3.28 -11.68	39.81 3.36 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT2_I 24094	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95



ASTORIA_GT2_2 24095	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT2_3 24096	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT2_4 24097	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT3_1 24098	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT3_2 24099	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT3_3 24100	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT3_4 24101	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT4_1 24102	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT4_2 24103	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT4_3 24104	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT4_4 24105	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT_1 23523	45.82 2.79 -16.43	42.91 2.23 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.15 2.12 -17.66	43.45 2.21 -20.84	47.58 2.26 -24.77	47.53 2.30 -22.90	49.39 2.68 -22.38	48.97 2.80 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.97 2.38 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.65 3.14 -16.18	43.45 3.28 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.97 2.92 -6.69	31.51 2.22 -8.95
ASTORIA_GT_10 24110	45.85 2.82 -16.43	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.33 3.02 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.88 3.36 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95
ASTORIA_GT_11 24225	45.85 2.82 -16.43	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.33 3.02 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.88 3.36 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95
ASTORIA_GT_12 24226	45.85 2.82 -16.43	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.33 3.02 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.88 3.36 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95



ASTORIA_GT_13 24227	45.85	42.91	42.32	41.36	40.15	43.39	47.50	47.67	49.55	49.16	42.93	38.33	36.59	35.02	34.06	34.21	37.06	46.88	43.69	39.99	37.71	34.99	33.97	31.53
	2.82	2.23	2.08	2.10	2.12	2.14	2.18	2.43	2.82	2.98	3.20	3.02	2.61	2.31	2.46	2.40	2.75	3.36	3.50	3.53	3.69	3.42	2.92	2.24
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.91	-22.39	-20.24	-13.30	-10.35	-12.37	-13.43	-11.22	-11.76	-12.28	-16.19	-11.69	-8.42	-5.17	-4.02	-6.69	-8.95
ASTORIA_GT_5 24106	45.82	42.91	42.34	41.38	40.15	43.45	47.58	47.53	49.39	48.97	42.74	38.25	36.50	34.93	33.97	34.12	36.94	46.65	43.45	39.84	37.58	34.84	33.97	31.51
	2.79	2.23	2.10	2.12	2.12	2.21	2.26	2.30	2.68	2.80	3.01	2.94	2.53	2.23	2.38	2.32	2.64	3.14	3.28	3.39	3.58	3.28	2.92	2.22
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.90	-22.38	-20.24	-13.29	-10.34	-12.36	-13.42	-11.22	-11.75	-12.28	-16.18	-11.68	-8.42	-5.16	-4.01	-6.69	-8.95
ASTORIA_GT_7 24107	45.82	42.91	42.34	41.38	40.15	43.45	47.58	47.53	49.39	48.97	42.74	38.25	36.50	34.93	33.97	34.12	36.94	46.65	43.45	39.84	37.58	34.84	33.97	31.51
	2.79	2.23	2.10	2.12	2.12	2.21	2.26	2.30	2.68	2.80	3.01	2.94	2.53	2.23	2.38	2.32	2.64	3.14	3.28	3.39	3.58	3.28	2.92	2.22
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.90	-22.38	-20.24	-13.29	-10.34	-12.36	-13.42	-11.22	-11.75	-12.28	-16.18	-11.68	-8.42	-5.16	-4.01	-6.69	-8.95
ASTORIA_GT_8 24108	45.82	42.91	42.34	41.38	40.15	43.45	47.58	47.53	49.39	48.97	42.74	38.25	36.50	34.93	33.97	34.12	36.94	46.65	43.45	39.84	37.58	34.84	33.97	31.51
	2.79	2.23	2.10	2.12	2.12	2.21	2.26	2.30	2.68	2.80	3.01	2.94	2.53	2.23	2.38	2.32	2.64	3.14	3.28	3.39	3.58	3.28	2.92	2.22
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.90	-22.38	-20.24	-13.29	-10.34	-12.36	-13.42	-11.22	-11.75	-12.28	-16.18	-11.68	-8.42	-5.16	-4.01	-6.69	-8.95
ASTORIA___2 24149	45.82	42.91	42.34	41.38	40.15	43.45	47.58	47.53	49.39	48.97	42.74	38.25	36.50	34.93	33.97	34.12	36.94	46.65	43.45	39.84	37.58	34.84	33.97	31.51
	2.79	2.23	2.10	2.12	2.12	2.21	2.26	2.30	2.68	2.80	3.01	2.94	2.53	2.23	2.38	2.32	2.64	3.14	3.28	3.39	3.58	3.28	2.92	2.22
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.90	-22.38	-20.24	-13.29	-10.34	-12.36	-13.42	-11.22	-11.75	-12.28	-16.18	-11.68	-8.42	-5.16	-4.01	-6.69	-8.95
ASTORIA___3 23516	45.85	42.91	42.32	41.36	40.15	43.39	47.50	47.67	49.55	49.16	42.93	38.33	36.59	35.02	34.06	34.21	37.06	46.88	43.69	39.99	37.71	34.99	33.97	31.53
	2.82	2.23	2.08	2.10	2.12	2.14	2.18	2.43	2.82	2.98	3.20	3.02	2.61	2.31	2.46	2.40	2.75	3.36	3.50	3.53	3.69	3.42	2.92	2.24
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.91	-22.39	-20.24	-13.30	-10.35	-12.37	-13.43	-11.22	-11.76	-12.28	-16.19	-11.69	-8.42	-5.17	-4.02	-6.69	-8.95
ASTORIA___4 23517	45.82	42.91	42.34	41.38	40.15	43.45	47.58	47.53	49.39	48.97	42.74	38.25	36.50	34.93	33.97	34.12	36.94	46.65	43.45	39.84	37.58	34.84	33.97	31.51
	2.79	2.23	2.10	2.12	2.12	2.21	2.26	2.30	2.68	2.80	3.01	2.94	2.53	2.23	2.38	2.32	2.64	3.14	3.28	3.39	3.58	3.28	2.92	2.22
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.90	-22.38	-20.24	-13.29	-10.34	-12.36	-13.42	-11.22	-11.75	-12.28	-16.18	-11.68	-8.42	-5.16	-4.01	-6.69	-8.95
ASTORIA___5 23518	45.85	42.91	42.32	41.36	40.15	43.39	47.50	47.67	49.55	49.16	42.93	38.33	36.59	35.02	34.06	34.21	37.06	46.88	43.69	39.99	37.71	34.99	33.97	31.53
	2.82	2.23	2.08	2.10	2.12	2.14	2.18	2.43	2.82	2.98	3.20	3.02	2.61	2.31	2.46	2.40	2.75	3.36	3.50	3.53	3.69	3.42	2.92	2.24
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.91	-22.39	-20.24	-13.30	-10.35	-12.37	-13.43	-11.22	-11.76	-12.28	-16.19	-11.69	-8.42	-5.17	-4.02	-6.69	-8.95
AST_ENERGY_2_CC3 323677	45.68	42.77	42.18	41.23	40.02	43.28	47.39	47.63	49.52	49.11	42.88	38.25	36.53	34.98	34.00	34.14	36.97	46.79	43.57	39.87	37.59	34.87	33.84	31.42
	2.66	2.10	1.96	1.98	2.00	2.04	2.08	2.39	2.80	2.93	3.14	2.94	2.55	2.27	2.40	2.34	2.66	3.28	3.39	3.42	3.58	3.30	2.80	2.14
	-16.43	-18.54	-19.83	-18.88	-17.65	-20.83	-24.76	-22.91	-22.39	-20.24	-13.30	-10.35	-12.37	-13.43	-11.22	-11.76	-12.28	-16.19	-11.69	-8.42	-5.17	-4.02	-6.68	-8.94
AST_ENERGY_2_CC4 323678	45.68	42.77	42.18	41.23	40.02	43.28	47.39	47.63	49.52	49.11	42.88	38.25	36.53	34.98	34.00	34.14	36.97	46.79	43.57	39.87	37.59	34.87	33.84	31.42
	2.66	2.10	1.96	1.98	2.00	2.04	2.08	2.39	2.80	2.93	3.14	2.94	2.55	2.27	2.40	2.34	2.66	3.28	3.39	3.42	3.58	3.30	2.80	2.14
	-16.43	-18.54	-19.83	-18.88	-17.65	-20.83	-24.76	-22.91	-22.39	-20.24	-13.30	-10.35	-12.37	-13.43	-11.22	-11.76	-12.28	-16.19	-11.69	-8.42	-5.17	-4.02	-6.68	-8.94
ATHENS_STG_1 23668	46.59	44.10	43.72	42.65	41.28	44.87	49.38	49.27	50.93	50.23	43.08	38.18	36.86	35.54	34.26	34.50	37.23	47.22	43.50	39.38	36.69	33.95	33.46	31.58
	1.75	1.39	1.31	1.30	1.31	1.33	1.34	1.50	1.73	1.81	1.88	1.75	1.51	1.35	1.43	1.40	1.56	1.91	2.02	1.99	2.10	1.96	1.68	1.30
	-18.24	-20.58	-22.02	-20.97	-19.60	-23.13	-27.49	-25.44	-24.86	-22.48	-14.77	-11.47	-13.73	-14.92	-12.46	-13.06	-13.64	-17.98	-12.98	-9.35	-5.74	-4.44	-7.42	-9.93
ATHENS_STG_2 23670	46.59	44.10	43.72	42.65	41.28	44.87	49.38	49.27	50.93	50.23	43.08	38.18	36.86	35.54	34.26	34.50	37.23	47.22	43.50	39.38	36.69	33.95	33.46	31.58
	1.75	1.39	1.31	1.30	1.31	1.33	1.34	1.50	1.73	1.81	1.88	1.75	1.51	1.35	1.43	1.40	1.56	1.91	2.02	1.99	2.10	1.96	1.68	1.30
	-18.24	-20.58	-22.02	-20.97	-19.60	-23.13	-27.49	-25.44	-24.86	-22.48	-14.77	-11.47	-13.73	-14.92	-12.46	-13.06	-13.64	-17.98	-12.98	-9.35	-5.74	-4.44	-7.42	-9.93
ATHENS_STG_3 23677	46.59	44.10	43.72	42.65	41.28	44.87	49.38	49.27	50.93	50.23	43.08	38.18	36.86	35.54	34.26	34.50	37.23	47.22	43.50	39.38	36.69	33.95	33.46	31.58
	1.75	1.39	1.31	1.30	1.31	1.33	1.34	1.50	1.73	1.81	1.88	1.75	1.51	1.35	1.43	1.40	1.56	1.91	2.02	1.99	2.10	1.96	1.68	1.30
	-18.24	-20.58	-22.02	-20.97	-19.60	-23.13	-27.49	-25.44	-24.86	-22.48	-14.77	-11.47	-13.73	-14.92	-12.46	-13.06	-13.64	-17.98	-12.98	-9.35	-5.74	-4.44	-7.42	-9.93
AUBURN___LFGE 323710	29.24	24.90	23.27	23.11	22.98	23.48	24.05	25.72	27.73	29.08	28.72	26.76	23.57	21.25	22.09	21.84	23.94	29.93	30.56	29.62	30.01	28.47	25.49	21.71
	0.58	0.44	0.39	0.37	0.39	0.45	0.39	0.51	0.58	0.60	0.61	0.50	0.41	0.29	0.31	0.32	0.37	0.57	0.60	0.53	0.52	0.41	0.29	0.24
	-2.06	-2.33	-2.49	-2.37	-2.22	-2.61	-3.11	-2.88	-2.81	-2.54	-1.67	-1.30	-1.55	-1.69	-1.41	-1.48	-1.54	-2.03	-1.47	-1.06	-0.65	-0.50	-0.84	-1.12
BABYLON_RES_REC 323704	56.09	53.36	51.97	51.09	49.46	53.28	64.95	66.06	65.80	64.91	50.94	49.30	43.45	40.39	39.72	41.30	46.71	61.44	62.39	54.33	51.73	53.75	39.84	34.97
	3.48	2.81	2.61	2.61	2.61	2.72	2.73	3.04	3.55	3.74	3.78	3.54	3.07	2.74	2.91	2.84	3.24	4.13	4.27	4.29	4.36	4.05	3.51	2.73
	-26.02	-28.42	-28.97	-28.11	-26.48	-30.15	-41.66	-40.69	-37.91	-35.24	-20.73	-20.80	-18.77	-18.38	-16.44	-18.41	-21.45	-29.99	-29.62	-22.01	-18.53	-22.15	-11.97	-11.90



BARRETT_IC_1 23704	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_10 23701	143.49 3.08 -113.81	143.49 2.46 -118.91	135.30 2.30 -112.60	135.30 2.32 -112.61	130.01 2.32 -107.31	135.30 2.35 -112.54	143.49 2.36 -120.57	148.51 2.59 -123.59	148.51 3.07 -121.11	158.02 3.19 -128.90	66.33 3.22 -36.67	82.22 3.04 -54.22	53.09 2.64 -28.85	53.09 2.35 -31.47	53.09 2.51 -30.22	53.09 2.44 -30.61	53.09 2.77 -28.29	86.11 3.44 -55.34	84.09 3.59 -52.00	102.50 3.59 -70.87	88.50 3.69 -55.96	137.77 3.44 -106.78	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_11 23702	143.49 3.08 -113.81	143.49 2.46 -118.91	135.30 2.30 -112.60	135.30 2.32 -112.61	130.01 2.32 -107.31	135.30 2.35 -112.54	143.49 2.36 -120.57	148.51 2.59 -123.59	148.51 3.07 -121.11	158.02 3.19 -128.90	66.33 3.22 -36.67	82.22 3.04 -54.22	53.09 2.64 -28.85	53.09 2.35 -31.47	53.09 2.51 -30.22	53.09 2.44 -30.61	53.09 2.77 -28.29	86.11 3.44 -55.34	84.09 3.59 -52.00	102.50 3.59 -70.87	88.50 3.69 -55.96	137.77 3.44 -106.78	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_12 23703	143.49 3.08 -113.81	143.49 2.46 -118.91	135.30 2.30 -112.60	135.30 2.32 -112.61	130.01 2.32 -107.31	135.30 2.35 -112.54	143.49 2.36 -120.57	148.51 2.59 -123.59	148.51 3.07 -121.11	158.02 3.19 -128.90	66.33 3.22 -36.67	82.22 3.04 -54.22	53.09 2.64 -28.85	53.09 2.35 -31.47	53.09 2.51 -30.22	53.09 2.44 -30.61	53.09 2.77 -28.29	86.11 3.44 -55.34	84.09 3.59 -52.00	102.50 3.59 -70.87	88.50 3.69 -55.96	137.77 3.44 -106.78	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_2 23705	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_3 23706	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_4 23707	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_5 23708	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_6 23709	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_7 23710	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_8 23711	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT_IC_9 23700	143.49 3.08 -113.81	143.49 2.46 -118.91	135.30 2.30 -112.60	135.30 2.32 -112.61	130.01 2.32 -107.31	135.30 2.35 -112.54	143.49 2.36 -120.57	148.51 2.59 -123.59	148.51 3.07 -121.11	158.02 3.19 -128.90	66.33 3.22 -36.67	82.22 3.04 -54.22	53.09 2.64 -28.85	53.09 2.35 -31.47	53.09 2.51 -30.22	53.09 2.44 -30.61	53.09 2.77 -28.29	86.11 3.44 -55.34	84.09 3.59 -52.00	102.50 3.59 -70.87	88.50 3.69 -55.96	137.77 3.44 -106.78	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT___1 23545	143.47 3.08 -113.79	143.47 2.46 -118.89	135.28 2.30 -112.58	135.28 2.32 -112.59	129.99 2.32 -107.29	135.28 2.35 -112.52	143.47 2.36 -120.55	148.49 2.59 -123.57	148.49 3.07 -121.09	158.00 3.19 -128.87	66.32 3.22 -36.66	82.21 3.04 -54.21	53.09 2.64 -28.84	53.09 2.35 -31.47	53.09 2.51 -30.21	53.09 2.44 -30.60	53.09 2.77 -28.29	86.10 3.44 -55.33	84.08 3.59 -52.00	102.48 3.59 -70.86	88.49 3.69 -55.95	137.75 3.44 -106.76	49.93 3.02 -22.55	48.26 2.32 -25.60
BARRETT___2 23546	143.49 3.08 -113.81	143.49 2.46 -118.91	135.30 2.30 -112.60	135.30 2.32 -112.61	130.01 2.32 -107.31	135.30 2.35 -112.54	143.49 2.36 -120.57	148.51 2.59 -123.59	148.51 3.07 -121.11	158.02 3.19 -128.90	66.33 3.22 -36.67	82.22 3.04 -54.22	53.09 2.64 -28.85	53.09 2.35 -31.47	53.09 2.51 -30.22	53.09 2.44 -30.61	53.09 2.77 -28.29	86.11 3.44 -55.34	84.09 3.59 -52.00	102.50 3.59 -70.87	88.50 3.69 -55.96	137.77 3.44 -106.78	49.93 3.02 -22.55	48.26 2.32 -25.60
BAYONEEC___CTG1 323682	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -18.88	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94



BAYONEEC___CTG10 323750	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BAYONEEC___CTG2 323683	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BAYONEEC___CTG3 323684	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BAYONEEC___CTG4 323685	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BAYONEEC___CTG5 323686	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BAYONEEC___CTG6 323687	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BAYONEEC___CTG7 323688	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BAYONEEC___CTG8 323689	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BAYONEEC___CTG9 323749	45.66 2.63 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.60 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
BEACON___LESR 323632	49.78 2.29 -20.90	47.52 1.81 -23.58	47.30 1.67 -25.23	46.04 1.65 -24.02	44.48 1.65 -22.45	48.52 1.61 -26.49	53.72 1.66 -31.50	53.23 1.81 -29.09	54.74 1.97 -28.43	53.74 2.10 -25.71	45.31 1.98 -16.89	39.93 1.85 -13.12	38.91 1.60 -15.70	37.74 1.41 -17.06	36.13 1.51 -14.25	36.44 1.46 -14.93	39.19 1.56 -15.60	49.89 1.97 -20.60	45.36 1.99 -14.87	40.74 1.99 -10.72	37.44 2.02 -6.58	34.71 2.07 -5.09	34.76 1.90 -8.50	33.33 1.61 -11.38
BEAVER RIVER___HYD 24048	26.76 -0.16 -0.33	22.36 -0.13 -0.37	20.62 -0.16 -0.39	20.56 -0.18 -0.38	20.54 -0.18 -0.35	20.71 -0.12 -0.41	21.07 0.02 -0.49	22.70 -0.09 -0.46	24.78 0.00 -0.45	26.55 0.21 -0.41	26.73 0.03 -0.27	25.15 -0.02 -0.21	21.69 -0.17 -0.25	19.39 -0.15 -0.27	20.50 -0.10 -0.23	20.14 -0.14 -0.24	22.07 -0.20 -0.25	27.70 0.05 -0.32	28.84 0.11 -0.23	28.20 0.00 -0.17	28.83 -0.11 -0.10	27.52 -0.11 -0.08	24.37 -0.12 -0.13	20.42 -0.10 -0.18
BEEBEE_GT_13 23619	28.87 0.29 -1.98	24.47 0.11 -2.23	22.88 0.10 -2.39	22.65 0.00 -2.27	22.58 0.08 -2.12	23.13 0.20 -2.51	23.43 -0.10 -2.98	25.31 0.22 -2.76	27.01 -0.02 -2.70	28.24 -0.13 -2.44	27.91 -0.13 -1.60	26.08 -0.12 -1.24	23.06 -0.04 -1.49	20.64 -0.25 -1.62	21.46 -0.27 -1.35	21.20 -0.26 -1.42	23.28 -0.22 -1.48	29.11 -0.16 -1.95	29.65 -0.26 -1.41	28.79 -0.25 -1.01	29.21 -0.26 -0.62	27.62 -0.41 -0.48	24.75 -0.41 -0.80	21.13 -0.28 -1.08
BETHLEHEM___GRP 23843	49.42 1.83 -20.99	47.29 1.48 -23.69	47.10 1.37 -25.34	45.85 1.34 -24.13	44.27 1.34 -22.55	48.35 1.33 -26.61	53.53 1.34 -31.64	52.96 1.41 -29.23	54.36 1.46 -28.56	53.32 1.56 -25.83	44.75 1.35 -16.96	39.42 1.27 -13.18	38.49 1.10 -15.78	37.37 0.96 -17.13	35.73 1.04 -14.32	36.06 1.02 -15.00	38.75 1.06 -15.67	49.30 1.28 -20.69	44.74 1.31 -14.94	40.11 1.32 -10.76	36.80 1.36 -6.61	34.18 1.51 -5.11	34.36 1.46 -8.54	33.09 1.32 -11.43
BETHLEHEM___GS1 323560	49.42 1.83 -20.99	47.29 1.48 -23.69	47.10 1.37 -25.34	45.85 1.34 -24.13	44.27 1.34 -22.55	48.35 1.33 -26.61	53.53 1.34 -31.64	52.96 1.41 -29.23	54.36 1.46 -28.56	53.32 1.56 -25.83	44.75 1.35 -16.96	39.42 1.27 -13.18	38.49 1.10 -15.78	37.37 0.96 -17.13	35.73 1.04 -14.32	36.06 1.02 -15.00	38.75 1.06 -15.67	49.30 1.28 -20.69	44.74 1.31 -14.94	40.11 1.32 -10.76	36.80 1.36 -6.61	34.18 1.51 -5.11	34.36 1.46 -8.54	33.09 1.32 -11.43
BETHLEHEM___GS2 323561	49.42 1.83 -20.99	47.29 1.48 -23.69	47.10 1.37 -25.34	45.85 1.34 -24.13	44.27 1.34 -22.55	48.35 1.33 -26.61	53.53 1.34 -31.64	52.96 1.41 -29.23	54.36 1.46 -28.56	53.32 1.56 -25.83	44.75 1.35 -16.96	39.42 1.27 -13.18	38.49 1.10 -15.78	37.37 0.96 -17.13	35.73 1.04 -14.32	36.06 1.02 -15.00	38.75 1.06 -15.67	49.30 1.28 -20.69	44.74 1.31 -14.94	40.11 1.32 -10.76	36.80 1.36 -6.61	34.18 1.51 -5.11	34.36 1.46 -8.54	33.09 1.32 -11.43



BETHLEHEM___GS3 323562	49.42 1.83 -20.99	47.29 1.48 -23.69	47.10 1.37 -25.34	45.85 1.34 -24.13	44.27 1.34 -22.55	48.35 1.33 -26.61	53.53 1.34 -31.64	52.96 1.41 -29.23	54.36 1.46 -28.56	53.32 1.56 -25.83	44.75 1.35 -16.96	39.42 1.27 -13.18	38.49 1.10 -15.78	37.37 0.96 -17.13	35.73 1.04 -14.32	36.06 1.02 -15.00	38.75 1.06 -15.67	49.30 1.28 -20.69	44.74 1.31 -14.94	40.11 1.32 -10.76	36.80 1.36 -6.61	34.18 1.51 -5.11	34.36 1.46 -8.54	33.09 1.32 -11.43
BETHLEHEM___STEEL 23779	29.88 0.61 -2.67	25.32 0.18 -3.01	23.82 0.20 -3.23	23.46 0.02 -3.07	23.41 0.16 -2.87	23.88 0.08 -3.39	24.31 -0.27 -4.03	26.01 -0.04 -3.73	27.85 -0.12 -3.64	29.00 -0.23 -3.29	28.36 -0.24 -2.16	26.35 -0.30 -1.68	23.43 -0.19 -2.01	21.13 -0.33 -2.19	21.89 -0.31 -1.83	21.63 -0.32 -1.91	23.78 -0.24 -2.00	29.57 -0.38 -2.63	29.97 -0.43 -1.90	29.12 -0.28 -1.37	29.42 -0.26 -0.84	27.73 -0.47 -0.65	24.96 -0.49 -1.09	21.35 -0.45 -1.45
BETHPAGE_CC_5 323564	59.20 3.46 -29.15	56.56 2.79 -31.65	54.93 2.59 -31.95	54.04 2.55 -31.13	52.26 2.53 -29.36	56.11 2.61 -33.09	67.68 2.65 -44.47	68.93 2.95 -43.65	68.66 3.45 -40.88	68.15 3.63 -38.58	51.41 3.67 -21.30	50.42 3.47 -21.99	43.67 2.98 -19.07	40.73 2.68 -18.77	40.05 2.83 -16.85	41.58 2.77 -18.77	46.82 3.15 -21.65	62.14 3.96 -30.85	62.91 4.10 -30.31	55.79 4.12 -23.64	52.72 4.21 -19.67	56.63 3.91 -25.17	40.08 3.44 -12.29	35.41 2.68 -12.39
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.05 0.74 -2.71	25.45 0.27 -3.06	23.97 0.31 -3.27	23.61 0.12 -3.11	23.55 0.26 -2.91	24.01 0.16 -3.43	24.47 -0.17 -4.08	26.17 0.07 -3.78	28.05 0.02 -3.69	29.20 -0.08 -3.34	28.58 -0.05 -2.19	26.54 -0.12 -1.70	23.59 -0.06 -2.04	21.26 -0.23 -2.21	22.04 -0.18 -1.85	21.78 -0.20 -1.94	23.94 -0.11 -2.03	29.80 -0.19 -2.67	30.17 -0.26 -1.93	29.31 -0.11 -1.39	29.64 -0.06 -0.85	27.91 -0.30 -0.66	25.10 -0.36 -1.10	21.49 -0.33 -1.47
BINGHAMTON___COGEN 23790	32.83 0.88 -5.36	28.82 0.64 -6.05	27.46 0.59 -6.47	27.08 0.55 -6.16	26.70 0.57 -5.76	27.82 0.61 -6.80	29.19 0.56 -8.08	30.45 0.65 -7.48	32.42 0.78 -7.31	33.37 0.83 -6.61	31.65 0.87 -4.34	29.08 0.75 -3.37	26.25 0.60 -4.04	24.16 0.50 -4.38	24.59 0.55 -3.66	24.40 0.52 -3.84	26.65 0.62 -4.01	33.43 0.82 -5.28	33.16 0.85 -3.81	31.62 0.84 -2.75	31.43 0.90 -1.69	29.60 0.74 -1.31	27.10 0.56 -2.18	23.73 0.47 -2.92
BLACK RIVER___HYD 24047	27.43 0.19 -0.65	22.99 0.13 -0.73	21.24 0.06 -0.78	21.18 0.06 -0.75	21.16 0.08 -0.70	21.42 0.18 -0.82	21.90 0.37 -0.98	23.50 0.27 -0.91	25.68 0.46 -0.89	27.49 0.75 -0.80	27.49 0.53 -0.53	25.85 0.47 -0.41	22.27 0.17 -0.49	19.92 0.12 -0.53	21.02 0.20 -0.44	20.69 0.18 -0.47	22.66 0.16 -0.49	28.54 0.57 -0.64	29.61 0.66 -0.46	28.87 0.51 -0.33	29.42 0.37 -0.20	28.01 0.30 -0.16	24.82 0.19 -0.26	20.82 0.12 -0.35
BLISS_WT_PWR 323608	30.72 1.25 -2.87	26.05 0.69 -3.24	24.55 0.69 -3.47	24.20 0.53 -3.30	24.13 0.67 -3.08	24.61 0.55 -3.64	25.15 0.27 -4.33	26.87 0.53 -4.01	28.81 0.56 -3.91	29.97 0.49 -3.54	29.29 0.53 -2.33	27.14 0.37 -1.81	24.12 0.34 -2.16	21.78 0.15 -2.35	22.56 0.22 -1.96	22.28 0.18 -2.06	24.50 0.33 -2.15	30.51 0.35 -2.83	30.85 0.31 -2.04	29.95 0.45 -1.47	30.29 0.55 -0.90	28.50 0.25 -0.70	25.60 0.07 -1.17	21.97 0.06 -1.56
BLUE_CIRC_CHEM_DRP 24182	49.10 1.81 -20.69	46.94 1.46 -23.35	46.72 1.35 -24.99	45.48 1.32 -23.79	43.93 1.32 -22.23	47.96 1.31 -26.24	53.08 1.34 -31.19	52.61 1.43 -28.85	54.08 1.56 -28.19	53.09 1.66 -25.49	44.79 1.61 -16.74	39.50 1.52 -13.01	38.50 1.32 -15.57	37.34 1.16 -16.91	35.73 1.22 -14.13	36.05 1.20 -14.81	38.79 1.30 -15.47	49.31 1.58 -20.40	44.87 1.65 -14.73	40.27 1.63 -10.61	37.03 1.67 -6.51	34.27 1.68 -5.04	34.31 1.54 -8.42	32.89 1.28 -11.27
BOC_GAS_DRP 24189	49.16 1.60 -20.96	47.07 1.28 -23.66	46.89 1.18 -25.31	45.65 1.18 -24.10	44.08 1.18 -22.53	48.16 1.16 -26.58	53.35 1.19 -31.60	52.87 1.29 -29.25	54.35 1.44 -28.58	53.28 1.50 -25.84	44.89 1.48 -16.98	39.55 1.40 -13.19	38.61 1.21 -15.79	37.48 1.06 -17.15	35.84 1.14 -14.33	36.15 1.10 -15.01	38.89 1.19 -15.68	49.44 1.45 -20.67	44.92 1.51 -14.92	40.30 1.51 -10.75	37.00 1.56 -6.60	34.20 1.54 -5.11	34.30 1.41 -8.53	32.92 1.16 -11.42
BORALEX_4TH_BRANCH 23824	50.07 2.13 -21.35	47.94 1.73 -24.09	47.74 1.57 -25.78	46.44 1.53 -24.54	44.86 1.55 -22.94	49.03 1.55 -27.07	54.29 1.56 -32.18	53.93 1.83 -29.78	55.50 2.07 -29.10	54.45 2.20 -26.31	46.05 2.33 -17.28	40.61 2.22 -13.43	39.61 1.92 -16.07	38.43 1.70 -17.46	36.75 1.79 -14.59	37.11 1.78 -15.28	40.01 2.02 -15.96	50.88 2.51 -21.04	46.25 2.57 -15.19	41.45 2.47 -10.95	38.07 2.51 -6.72	35.09 2.34 -5.20	35.09 2.05 -8.69	33.63 1.67 -11.62
BOWLINE___1 23526	44.62 2.08 -15.95	41.79 1.66 -18.00	41.20 1.55 -19.26	40.28 1.57 -18.34	39.08 1.57 -17.14	42.23 1.59 -20.22	46.22 1.62 -24.04	46.43 1.85 -22.25	48.27 2.19 -21.74	47.90 2.31 -19.66	41.84 2.48 -12.91	37.32 2.32 -10.03	35.63 2.01 -12.01	34.11 1.79 -13.04	33.17 1.89 -10.90	33.30 1.84 -11.42	36.07 2.11 -11.93	45.67 2.62 -15.72	42.58 2.74 -11.35	38.93 2.72 -8.18	36.75 2.88 -5.02	34.05 2.62 -3.89	33.07 2.22 -6.49	30.67 1.65 -8.69
BOWLINE___2 23595	44.62 2.08 -15.95	41.79 1.66 -18.00	41.20 1.55 -19.26	40.28 1.57 -18.34	39.09 1.57 -17.14	42.23 1.59 -20.23	46.22 1.62 -24.05	46.43 1.85 -22.25	48.27 2.19 -21.74	47.90 2.31 -19.66	41.84 2.48 -12.91	37.32 2.32 -10.03	35.63 2.01 -12.01	34.11 1.79 -13.04	33.17 1.89 -10.90	33.30 1.84 -11.42	36.09 2.14 -11.93	45.67 2.62 -15.72	42.58 2.74 -11.35	38.93 2.72 -8.18	36.75 2.88 -5.02	34.05 2.62 -3.89	33.07 2.22 -6.49	30.68 1.65 -8.69
BROOKHAVEN___DRP 24191	50.06 3.41 -20.06	47.36 2.94 -22.29	46.43 2.73 -23.30	45.49 2.73 -22.38	44.11 2.73 -21.00	48.02 3.04 -24.56	59.94 3.08 -36.31	60.77 3.37 -35.07	60.45 3.84 -32.27	58.85 4.02 -28.89	50.23 4.15 -19.65	47.39 3.89 -18.53	43.23 3.41 -18.20	39.96 3.04 -17.64	39.27 3.24 -15.66	40.95 3.19 -17.72	46.67 3.59 -21.06	60.42 4.73 -28.37	61.76 4.96 -28.31	51.85 4.90 -18.92	50.02 4.82 -16.36	48.40 4.44 -16.42	39.63 3.90 -11.37	34.32 3.01 -10.97
BROOKLYN_NAVY_YARD 23515	45.68 2.66 -16.43	42.77 2.10 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.63 2.39 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.10 2.30 -11.76	36.95 2.64 -12.28	46.76 3.25 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.56 3.55 -5.17	34.84 3.28 -4.02	33.87 2.82 -6.68	31.42 2.14 -8.94
BROOKLYN___ARMY_DRP 323595	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95



BROOME_2_LFGE 323671	32.83 0.88 -5.36	28.82 0.64 -6.05	27.46 0.59 -6.47	27.08 0.55 -6.16	26.70 0.57 -5.76	27.82 0.61 -6.80	29.19 0.56 -8.08	30.45 0.65 -7.48	32.42 0.78 -7.31	33.37 0.83 -6.61	31.65 0.87 -4.34	29.08 0.75 -3.37	26.25 0.60 -4.04	24.16 0.50 -4.38	24.59 0.55 -3.66	24.40 0.52 -3.84	26.65 0.62 -4.01	33.43 0.82 -5.28	33.16 0.85 -3.81	31.62 0.84 -2.75	31.43 0.90 -1.69	29.60 0.74 -1.31	27.10 0.56 -2.18	23.73 0.47 -2.92
BROOME___LFGE 323600	32.83 0.88 -5.36	28.82 0.64 -6.05	27.46 0.59 -6.47	27.08 0.55 -6.16	26.70 0.57 -5.76	27.82 0.61 -6.80	29.19 0.56 -8.08	30.45 0.65 -7.48	32.42 0.78 -7.31	33.37 0.83 -6.61	31.65 0.87 -4.34	29.08 0.75 -3.37	26.25 0.60 -4.04	24.16 0.50 -4.38	24.59 0.55 -3.66	24.40 0.52 -3.84	26.65 0.62 -4.01	33.43 0.82 -5.28	33.16 0.85 -3.81	31.62 0.84 -2.75	31.43 0.90 -1.69	29.60 0.74 -1.31	27.10 0.56 -2.18	23.73 0.47 -2.92
BURROWS___LYONSDAL 23803	27.08 0.48 0.00	22.50 0.38 0.00	20.70 0.31 0.00	20.66 0.29 0.00	20.68 0.31 0.00	20.78 0.37 0.00	21.03 0.47 0.00	22.77 0.45 0.00	24.94 0.61 0.00	26.74 0.80 0.00	27.10 0.66 0.00	25.56 0.60 0.00	21.98 0.37 0.00	19.56 0.29 0.00	20.74 0.37 0.00	20.38 0.34 0.00	22.40 0.37 0.00	28.01 0.68 0.00	29.23 0.74 0.00	28.68 0.65 0.00	29.42 0.58 0.00	28.07 0.52 0.00	24.77 0.41 0.00	20.67 0.32 0.00
CAITHNESS_CC_1 323624	49.94 3.32 -20.02	47.18 2.81 -22.24	46.26 2.61 -23.26	45.35 2.63 -22.34	43.97 2.63 -20.96	47.82 2.88 -24.52	59.72 2.90 -36.27	60.56 3.19 -35.03	60.24 3.67 -32.23	58.65 3.87 -28.85	50.04 3.96 -19.64	47.20 3.72 -18.52	43.05 3.24 -18.20	39.80 2.89 -17.64	39.10 3.08 -15.65	40.76 3.01 -17.72	46.49 3.41 -21.06	60.16 4.48 -28.35	61.47 4.67 -28.30	51.55 4.62 -18.89	49.77 4.59 -16.34	48.14 4.22 -16.38	39.43 3.70 -11.37	34.15 2.85 -10.96
CALPINE BETH_PAGE_GT4 24209	62.37 3.48 -32.29	59.83 2.81 -34.89	57.95 2.61 -34.95	57.05 2.53 -34.15	55.14 2.51 -32.26	59.02 2.57 -36.04	70.47 2.61 -47.30	71.85 2.90 -46.62	71.60 3.41 -43.86	71.45 3.58 -41.93	51.93 3.62 -21.87	51.57 3.42 -23.19	43.94 2.96 -19.37	41.07 2.64 -19.16	40.41 2.79 -17.25	41.90 2.73 -19.13	46.98 3.11 -21.85	62.91 3.88 -31.71	63.54 4.04 -31.00	57.36 4.06 -25.27	53.79 4.15 -20.80	59.64 3.89 -28.20	40.34 3.38 -12.60	35.91 2.68 -12.88
CALPINE_BETH_PAGE_GT_4 323586	62.37 3.48 -32.29	59.83 2.81 -34.89	57.95 2.61 -34.95	57.05 2.53 -34.15	55.14 2.51 -32.26	59.02 2.57 -36.04	70.47 2.61 -47.30	71.85 2.90 -46.62	71.60 3.41 -43.86	71.45 3.58 -41.93	51.93 3.62 -21.87	51.57 3.42 -23.19	43.94 2.96 -19.37	41.07 2.64 -19.16	40.41 2.79 -17.25	41.90 2.73 -19.13	46.98 3.11 -21.85	62.91 3.88 -31.71	63.54 4.04 -31.00	57.36 4.06 -25.27	53.79 4.15 -20.80	59.64 3.89 -28.20	40.34 3.38 -12.60	35.91 2.68 -12.88
CALPINE_BP_GT1 23823	62.37 3.48 -32.29	59.83 2.81 -34.89	57.95 2.61 -34.95	57.05 2.53 -34.15	55.14 2.51 -32.26	59.02 2.57 -36.04	70.47 2.61 -47.30	71.85 2.90 -46.62	71.60 3.41 -43.86	71.45 3.58 -41.93	51.93 3.62 -21.87	51.57 3.42 -23.19	43.94 2.96 -19.37	41.07 2.64 -19.16	40.41 2.79 -17.25	41.90 2.73 -19.13	46.98 3.11 -21.85	62.91 3.88 -31.71	63.54 4.04 -31.00	57.36 4.06 -25.27	53.79 4.15 -20.80	59.64 3.89 -28.20	40.34 3.38 -12.60	35.91 2.68 -12.88
CALSPAN___DRP 24200	29.88 0.61 -2.67	25.32 0.18 -3.01	23.82 0.20 -3.23	23.46 0.02 -3.07	23.41 0.16 -2.87	23.88 0.08 -3.39	24.31 -0.27 -4.03	26.01 -0.04 -3.73	27.85 -0.12 -3.64	29.00 -0.23 -3.29	28.36 -0.24 -2.16	26.35 -0.30 -1.68	23.43 -0.19 -2.01	21.13 -0.33 -2.19	21.89 -0.31 -1.83	21.63 -0.32 -1.91	23.78 -0.24 -2.00	29.57 -0.38 -2.63	29.97 -0.43 -1.90	29.12 -0.28 -1.37	29.42 -0.26 -0.84	27.73 -0.47 -0.65	24.96 -0.49 -1.09	21.35 -0.45 -1.45
CANDIGU_WT_PWR 323617	31.07 0.85 -3.62	26.70 0.49 -4.09	25.24 0.47 -4.37	24.88 0.35 -4.16	24.70 0.43 -3.89	25.42 0.41 -4.59	26.24 0.23 -5.46	27.76 0.38 -5.05	29.71 0.44 -4.94	30.79 0.39 -4.47	29.79 0.42 -2.93	27.54 0.30 -2.28	24.60 0.26 -2.73	22.35 0.12 -2.96	23.01 0.16 -2.48	22.78 0.14 -2.59	24.98 0.24 -2.71	31.25 0.35 -3.57	31.39 0.31 -2.58	30.28 0.39 -1.86	30.44 0.46 -1.14	28.68 0.25 -0.88	25.95 0.12 -1.47	22.44 0.12 -1.97
CARR STREET_E_SYR 24060	28.11 0.05 -1.46	23.80 0.02 -1.65	22.18 0.02 -1.76	22.05 0.00 -1.68	21.97 0.02 -1.57	22.31 0.04 -1.85	22.74 -0.02 -2.20	24.37 0.00 -2.04	26.35 0.02 -1.99	27.74 0.00 -1.80	27.62 0.00 -1.18	25.86 -0.02 -0.92	22.69 -0.02 -1.10	20.39 -0.08 -1.20	21.29 -0.08 -1.00	21.01 -0.08 -1.05	23.05 -0.07 -1.09	28.71 -0.05 -1.44	29.48 -0.06 -1.04	28.70 -0.08 -0.75	29.22 -0.09 -0.46	27.77 -0.14 -0.36	24.81 -0.15 -0.59	21.04 -0.10 -0.80
CARTHAGE___PAPER 23857	27.21 0.05 -0.56	22.78 0.02 -0.63	21.03 -0.04 -0.67	20.97 -0.04 -0.64	20.94 -0.04 -0.60	21.18 0.06 -0.71	21.62 0.23 -0.84	23.24 0.13 -0.78	25.37 0.27 -0.76	27.17 0.55 -0.69	27.21 0.32 -0.45	25.59 0.28 -0.35	22.06 0.02 -0.42	19.73 0.00 -0.46	20.84 0.08 -0.38	20.48 0.04 -0.40	22.46 0.02 -0.42	28.23 0.35 -0.55	29.35 0.45 -0.40	28.63 0.31 -0.29	29.19 0.17 -0.18	27.82 0.14 -0.14	24.66 0.07 -0.23	20.69 0.04 -0.30
CE_DUNWOOD___DRP 24194	45.38 2.39 -16.39	42.53 1.90 -18.50	41.96 1.77 -19.79	41.01 1.79 -18.84	39.78 1.79 -17.61	43.01 1.82 -20.78	47.11 1.85 -24.71	47.31 2.12 -22.86	49.16 2.48 -22.34	48.73 2.59 -20.20	42.51 2.80 -13.27	37.89 2.62 -10.31	36.22 2.27 -12.34	34.70 2.02 -13.40	33.71 2.14 -11.20	33.86 2.08 -11.73	36.66 2.38 -12.26	46.43 2.95 -16.16	43.21 3.05 -11.66	39.49 3.06 -8.41	37.23 3.23 -5.16	34.49 2.95 -3.99	33.54 2.51 -6.67	31.14 1.87 -8.92
CE_MILLWOOD___DRP 24193	45.21 2.29 -16.33	42.37 1.81 -18.43	41.80 1.69 -19.72	40.85 1.71 -18.77	39.63 1.71 -17.54	42.85 1.73 -20.70	46.93 1.77 -24.61	47.13 2.03 -22.77	48.98 2.39 -22.26	48.55 2.49 -20.12	42.35 2.70 -13.22	37.75 2.52 -10.27	36.09 2.18 -12.29	34.57 1.95 -13.35	33.59 2.06 -11.16	33.73 2.00 -11.69	36.52 2.29 -12.21	46.26 2.84 -16.10	43.05 2.94 -11.62	39.35 2.94 -8.37	37.07 3.09 -5.14	34.37 2.84 -3.98	33.39 2.39 -6.64	31.02 1.79 -8.89
CE_NYC2_DRP 24202	45.82 2.79 -16.43	42.88 2.21 -18.55	42.29 2.06 -19.84	41.36 2.10 -18.89	40.13 2.10 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.16 2.98 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.88 3.36 -16.19	43.69 3.50 -11.69	39.96 3.50 -8.42	37.71 3.69 -5.17	34.96 3.39 -4.02	33.97 2.92 -6.69	31.51 2.22 -8.95
CE_NYC_DRP 24195	45.71 2.69 -16.43	42.79 2.12 -18.54	42.20 1.98 -19.83	41.25 2.00 -18.88	40.04 2.02 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.65 2.41 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.88 3.14 -13.30	38.28 2.97 -10.35	36.53 2.55 -12.37	34.98 2.27 -13.43	34.00 2.40 -11.22	34.14 2.34 -11.76	36.99 2.69 -12.28	46.79 3.28 -16.19	43.60 3.42 -11.69	39.90 3.45 -8.42	37.62 3.61 -5.17	34.87 3.30 -4.02	33.87 2.82 -6.68	31.42 2.14 -8.94



CHAFFEE___LFGE 323603	30.22 0.85 -2.77	25.60 0.35 -3.12	24.12 0.39 -3.34	23.76 0.20 -3.18	23.70 0.35 -2.97	24.19 0.26 -3.51	24.65 -0.08 -4.17	26.37 0.18 -3.86	28.23 0.12 -3.77	29.37 0.03 -3.41	28.73 0.05 -2.24	26.68 -0.02 -1.74	23.72 0.02 -2.08	21.38 -0.15 -2.26	22.16 -0.10 -1.89	21.88 -0.14 -1.98	24.07 -0.02 -2.07	29.97 -0.08 -2.73	30.32 -0.14 -1.97	29.48 0.03 -1.42	29.77 0.06 -0.87	28.03 -0.19 -0.67	25.22 -0.27 -1.13	21.58 -0.27 -1.51
CHATEAUG_WT_PWR 323614	25.32 -1.28 0.00	21.15 -0.97 0.00	19.52 -0.88 0.00	19.56 -0.82 0.00	19.50 -0.88 0.00	19.50 -0.92 0.00	19.73 -0.82 0.00	21.41 -0.92 0.00	23.24 -1.09 0.00	24.67 -1.27 0.00	25.14 -1.29 0.00	23.69 -1.27 0.00	20.53 -1.08 0.00	18.41 -0.87 0.00	19.46 -0.92 0.00	19.14 -0.90 0.00	21.05 -0.97 0.00	26.09 -1.23 0.00	27.38 -1.11 0.00	26.91 -1.12 0.00	27.75 -1.10 0.00	26.67 -0.88 0.00	23.68 -0.68 0.00	19.85 -0.49 0.00
CHAT_HIGH_FALL_HYD 323578	25.21 -1.38 0.00	21.06 -1.06 0.00	19.43 -0.96 0.00	19.48 -0.90 0.00	19.42 -0.96 0.00	19.39 -1.02 0.00	19.65 -0.90 0.00	21.32 -1.00 0.00	23.14 -1.19 0.00	24.56 -1.38 0.00	25.04 -1.40 0.00	23.59 -1.37 0.00	20.44 -1.17 0.00	18.35 -0.92 0.00	19.40 -0.98 0.00	19.06 -0.98 0.00	20.99 -1.03 0.00	25.99 -1.34 0.00	27.30 -1.20 0.00	26.86 -1.18 0.00	27.66 -1.18 0.00	26.58 -0.97 0.00	23.63 -0.73 0.00	19.81 -0.53 0.00
CHAUTAUQUA___LFGE 323629	30.09 0.77 -2.72	25.44 0.24 -3.07	23.94 0.26 -3.28	23.56 0.06 -3.13	23.56 0.26 -2.92	23.99 0.12 -3.45	24.45 -0.21 -4.10	26.17 0.04 -3.79	28.07 0.02 -3.71	29.19 -0.10 -3.35	28.53 -0.11 -2.20	26.50 -0.17 -1.71	23.53 -0.13 -2.05	21.21 -0.29 -2.22	21.99 -0.24 -1.86	21.77 -0.22 -1.95	23.90 -0.15 -2.03	29.76 -0.25 -2.68	30.17 -0.26 -1.94	29.29 -0.14 -1.39	29.61 -0.09 -0.86	27.91 -0.30 -0.66	25.10 -0.36 -1.11	21.50 -0.33 -1.48
CH_MIDHUDSON___DRP 24192	46.63 2.53 -17.51	43.90 2.01 -19.76	43.41 1.87 -21.14	42.37 1.87 -20.13	41.06 1.87 -18.81	44.51 1.90 -22.20	48.88 1.93 -26.39	48.91 2.17 -24.42	50.75 2.55 -23.86	50.21 2.70 -21.57	43.46 2.86 -14.17	38.62 2.64 -11.01	37.08 2.29 -13.18	35.65 2.06 -14.31	34.51 2.18 -11.96	34.70 2.12 -12.53	37.54 2.42 -13.09	47.62 3.03 -17.26	44.12 3.16 -12.46	40.15 3.14 -8.98	37.61 3.26 -5.51	34.79 2.98 -4.27	34.02 2.53 -7.12	31.79 1.91 -9.53
CH_MISC_IPPS 23765	46.05 2.58 -16.88	43.23 2.06 -19.05	42.69 1.92 -20.38	41.71 1.94 -19.40	40.45 1.94 -18.13	43.75 1.94 -21.40	47.99 1.99 -25.44	48.08 2.21 -23.54	49.96 2.63 -23.00	49.51 2.78 -20.80	43.06 2.96 -13.66	38.27 2.70 -10.61	36.65 2.33 -12.70	35.19 2.12 -13.80	34.12 2.22 -11.53	34.29 2.17 -12.08	37.13 2.49 -12.62	47.10 3.14 -16.64	43.78 3.28 -12.01	39.94 3.25 -8.66	37.53 3.37 -5.31	34.72 3.06 -4.11	33.81 2.58 -6.87	31.47 1.93 -9.19
CH_RES_BVR_FALLS 23983	25.15 -0.56 0.89	20.66 -0.47 1.00	18.89 -0.43 1.07	18.91 -0.45 1.02	18.98 -0.45 0.95	18.82 -0.47 1.12	18.75 -0.47 1.33	20.57 -0.54 1.23	22.50 -0.63 1.20	24.18 -0.67 1.08	25.04 -0.69 0.71	23.76 -0.65 0.55	20.39 -0.56 0.66	18.09 -0.46 0.72	19.30 -0.47 0.60	18.95 -0.46 0.63	20.84 -0.53 0.66	25.80 -0.66 0.87	27.24 -0.63 0.63	26.99 -0.59 0.45	27.99 -0.58 0.28	26.87 -0.47 0.22	23.63 -0.36 0.36	19.58 -0.28 0.48
CH_RES_NIAGARA 23895	28.99 -0.08 -2.47	24.56 -0.35 -2.79	23.11 -0.27 -2.98	22.77 -0.45 -2.84	22.71 -0.33 -2.66	23.18 -0.37 -3.13	23.23 -1.05 -3.73	24.71 -1.07 -3.45	26.44 -1.27 -3.37	27.51 -1.48 -3.05	26.93 -1.51 -2.00	25.10 -1.42 -1.56	22.28 -1.19 -1.86	20.10 -1.20 -2.02	20.82 -1.24 -1.69	20.57 -1.24 -1.77	22.59 -1.28 -1.85	28.07 -1.69 -2.44	28.40 -1.85 -1.76	27.70 -1.60 -1.27	28.01 -1.61 -0.78	26.42 -1.73 -0.60	23.80 -1.56 -1.01	20.37 -1.32 -1.35
CH_RES_SYRACUSE 23985	28.42 0.19 -1.63	24.13 0.16 -1.84	22.49 0.12 -1.97	22.35 0.10 -1.88	22.25 0.12 -1.75	22.65 0.16 -2.07	23.10 0.08 -2.46	24.74 0.13 -2.28	26.73 0.17 -2.23	28.11 0.16 -2.01	27.92 0.16 -1.32	26.12 0.13 -1.03	22.93 0.09 -1.23	20.63 0.02 -1.34	21.53 0.04 -1.12	21.25 0.04 -1.17	23.29 0.04 -1.22	29.04 0.11 -1.61	29.77 0.11 -1.16	28.95 0.08 -0.84	29.42 0.06 -0.51	27.95 0.00 -0.40	25.00 -0.02 -0.66	21.23 0.00 -0.89
CLINTON_WT_PWR 323605	25.32 -1.28 0.00	21.15 -0.97 0.00	19.52 -0.88 0.00	19.56 -0.82 0.00	19.50 -0.88 0.00	19.50 -0.92 0.00	19.73 -0.82 0.00	21.41 -0.92 0.00	23.24 -1.09 0.00	24.67 -1.27 0.00	25.14 -1.29 0.00	23.69 -1.27 0.00	20.53 -1.08 0.00	18.41 -0.87 0.00	19.46 -0.92 0.00	19.14 -0.90 0.00	21.05 -0.97 0.00	26.09 -1.23 0.00	27.38 -1.11 0.00	26.91 -1.12 0.00	27.75 -1.10 0.00	26.67 -0.88 0.00	23.68 -0.68 0.00	19.85 -0.49 0.00
CLINTON___LFGE 323618	25.56 -1.04 0.00	21.37 -0.75 0.00	19.72 -0.67 0.00	19.76 -0.61 0.00	19.68 -0.69 0.00	19.68 -0.73 0.00	19.96 -0.60 0.00	21.68 -0.65 0.00	23.51 -0.83 0.00	24.92 -1.01 0.00	25.41 -1.03 0.00	23.92 -1.05 0.00	20.72 -0.89 0.00	18.58 -0.69 0.00	19.64 -0.73 0.00	19.30 -0.74 0.00	21.27 -0.75 0.00	26.39 -0.93 0.00	27.75 -0.74 0.00	27.25 -0.78 0.00	28.04 -0.81 0.00	27.00 -0.55 0.00	23.94 -0.41 0.00	20.10 -0.24 0.00
COLONIE_LFGE___ 323577	50.44 2.10 -21.74	48.37 1.70 -24.54	48.20 1.55 -26.25	46.88 1.51 -25.00	45.25 1.51 -23.36	49.51 1.53 -27.57	54.87 1.54 -32.78	54.37 1.72 -30.32	55.89 1.92 -29.63	54.78 2.05 -26.79	46.15 2.12 -17.60	40.66 2.02 -13.68	39.73 1.75 -16.37	38.57 1.52 -17.78	36.86 1.63 -14.85	37.21 1.60 -15.56	40.02 1.74 -16.26	50.97 2.21 -21.43	46.22 2.25 -15.47	41.37 2.19 -11.15	37.91 2.22 -6.84	34.97 2.12 -5.30	35.11 1.90 -8.85	33.73 1.55 -11.84
COPENHAGEN_WT_PWR 323753	27.41 0.11 -0.71	23.02 0.09 -0.80	21.27 0.02 -0.86	21.19 0.00 -0.82	21.16 0.02 -0.76	21.46 0.14 -0.90	21.91 0.29 -1.07	23.52 0.20 -0.99	25.67 0.37 -0.97	27.44 0.62 -0.88	27.44 0.42 -0.58	25.76 0.35 -0.45	22.26 0.11 -0.54	19.91 0.06 -0.58	20.98 0.12 -0.49	20.65 0.10 -0.51	22.64 0.09 -0.53	28.46 0.44 -0.70	29.54 0.54 -0.51	28.79 0.39 -0.36	29.33 0.26 -0.22	27.92 0.19 -0.17	24.75 0.10 -0.29	20.79 0.06 -0.39
CORNELL____ 23752	31.26 1.01 -3.65	27.02 0.77 -4.12	25.50 0.69 -4.41	25.22 0.65 -4.20	24.99 0.69 -3.92	25.80 0.76 -4.63	26.80 0.74 -5.51	28.29 0.87 -5.10	30.34 1.02 -4.98	31.55 1.11 -4.50	30.51 1.11 -2.96	28.21 0.95 -2.30	25.12 0.76 -2.75	22.88 0.62 -2.99	23.54 0.67 -2.50	23.34 0.68 -2.62	25.53 0.77 -2.73	32.02 1.09 -3.60	32.24 1.14 -2.60	30.97 1.06 -1.87	31.09 1.10 -1.15	29.35 0.91 -0.89	26.55 0.71 -1.49	22.92 0.59 -1.99
COXSACKIE___GT 23611	47.41 2.95 -17.86	44.69 2.41 -20.15	44.18 2.22 -21.56	43.10 2.20 -20.53	41.79 2.22 -19.19	45.26 2.21 -22.64	49.73 2.26 -26.92	49.57 2.34 -24.90	51.47 2.80 -24.34	50.92 2.98 -22.00	43.90 3.01 -14.45	38.89 2.70 -11.23	37.37 2.31 -13.44	36.05 2.18 -14.60	34.87 2.30 -12.20	35.07 2.24 -12.78	37.91 2.53 -13.35	48.23 3.30 -17.60	44.71 3.50 -12.71	40.55 3.36 -9.16	37.87 3.40 -5.62	35.04 3.14 -4.35	34.33 2.70 -7.27	32.16 2.10 -9.72



CPV_VALLEY___CC1 323721	42.61 1.70 -14.31	39.60 1.33 -16.15	38.91 1.24 -17.28	38.09 1.26 -16.45	37.01 1.26 -15.37	39.84 1.29 -18.14	43.44 1.32 -21.57	43.76 1.47 -19.96	45.59 1.75 -19.50	45.44 1.87 -17.64	40.03 2.01 -11.58	35.84 1.87 -9.00	33.98 1.60 -10.77	32.42 1.45 -11.70	31.68 1.53 -9.78	31.77 1.48 -10.24	34.44 1.72 -10.70	43.53 2.10 -14.10	40.87 2.19 -10.18	37.58 2.21 -7.34	35.65 2.31 -4.50	33.16 2.12 -3.49	31.96 1.78 -5.82	29.46 1.32 -7.79
CPV_VALLEY___CC2 323722	42.61 1.70 -14.31	39.60 1.33 -16.15	38.91 1.24 -17.28	38.09 1.26 -16.45	37.01 1.26 -15.37	39.84 1.29 -18.14	43.44 1.32 -21.57	43.76 1.47 -19.96	45.59 1.75 -19.50	45.44 1.87 -17.64	40.03 2.01 -11.58	35.84 1.87 -9.00	33.98 1.60 -10.77	32.42 1.45 -11.70	31.68 1.53 -9.78	31.77 1.48 -10.24	34.44 1.72 -10.70	43.53 2.10 -14.10	40.87 2.19 -10.18	37.58 2.21 -7.34	35.65 2.31 -4.50	33.16 2.12 -3.49	31.96 1.78 -5.82	29.46 1.32 -7.79
CRESCENT___HYD 24018	50.44 2.10 -21.74	48.37 1.70 -24.54	48.20 1.55 -26.25	46.88 1.51 -25.00	45.25 1.51 -23.36	49.51 1.53 -27.57	54.87 1.54 -32.78	54.37 1.72 -30.32	55.89 1.92 -29.63	54.78 2.05 -26.79	46.15 2.12 -17.60	40.66 2.02 -13.68	39.73 1.75 -16.37	38.57 1.52 -17.78	36.86 1.63 -14.85	37.21 1.60 -15.56	40.02 1.74 -16.26	50.97 2.21 -21.43	46.22 2.25 -15.47	41.37 2.19 -11.15	37.91 2.22 -6.84	34.97 2.12 -5.30	35.11 1.90 -8.85	33.73 1.55 -11.84
CRUCIBLE_METL_DRP 24180	28.42 0.19 -1.63	24.13 0.16 -1.84	22.49 0.12 -1.97	22.35 0.10 -1.88	22.25 0.12 -1.75	22.65 0.16 -2.07	23.10 0.08 -2.46	24.74 0.13 -2.28	26.73 0.17 -2.23	28.11 0.16 -2.01	27.92 0.16 -1.32	26.12 0.13 -1.03	22.93 0.09 -1.23	20.63 0.02 -1.34	21.53 0.04 -1.12	21.25 0.04 -1.17	23.29 0.04 -1.22	29.04 0.11 -1.61	29.77 0.11 -1.16	28.95 0.08 -0.84	29.42 0.06 -0.51	27.95 0.00 -0.40	25.00 -0.02 -0.66	21.23 0.00 -0.89
DANC___LFGE 323619	27.39 -0.13 -0.93	23.06 -0.11 -1.05	21.37 -0.14 -1.12	21.28 -0.16 -1.07	21.23 -0.14 -1.00	21.51 -0.08 -1.18	21.93 -0.02 -1.40	23.56 -0.07 -1.30	25.60 0.00 -1.27	27.24 0.16 -1.15	27.22 0.03 -0.75	25.55 0.00 -0.58	22.18 -0.13 -0.70	19.88 -0.15 -0.76	20.89 -0.12 -0.64	20.59 -0.12 -0.67	22.56 -0.15 -0.70	28.27 0.03 -0.92	29.21 0.06 -0.66	28.48 -0.03 -0.48	28.99 -0.14 -0.29	27.61 -0.16 -0.23	24.54 -0.20 -0.38	20.68 -0.16 -0.51
DANSKAMMER___1 23586	46.05 2.58 -16.88	43.23 2.06 -19.05	42.69 1.92 -20.38	41.71 1.94 -19.40	40.45 1.94 -18.13	43.75 1.94 -21.40	47.99 1.99 -25.44	48.08 2.21 -23.54	49.96 2.63 -23.00	49.51 2.78 -20.80	43.06 2.96 -13.66	38.27 2.70 -10.61	36.65 2.33 -12.70	35.19 2.12 -13.80	34.12 2.22 -11.53	34.29 2.17 -12.08	37.13 2.49 -12.62	47.10 3.14 -16.64	43.78 3.28 -12.01	39.94 3.25 -8.66	37.53 3.37 -5.31	34.72 3.06 -4.11	33.81 2.58 -6.87	31.47 1.93 -9.19
DANSKAMMER___2 23589	46.05 2.58 -16.88	43.23 2.06 -19.05	42.69 1.92 -20.38	41.71 1.94 -19.40	40.45 1.94 -18.13	43.75 1.94 -21.40	47.99 1.99 -25.44	48.08 2.21 -23.54	49.96 2.63 -23.00	49.51 2.78 -20.80	43.06 2.96 -13.66	38.27 2.70 -10.61	36.65 2.33 -12.70	35.19 2.12 -13.80	34.12 2.22 -11.53	34.29 2.17 -12.08	37.13 2.49 -12.62	47.10 3.14 -16.64	43.78 3.28 -12.01	39.94 3.25 -8.66	37.53 3.37 -5.31	34.72 3.06 -4.11	33.81 2.58 -6.87	31.47 1.93 -9.19
DANSKAMMER___3 23590	46.05 2.58 -16.88	43.23 2.06 -19.05	42.69 1.92 -20.38	41.71 1.94 -19.40	40.45 1.94 -18.13	43.75 1.94 -21.40	47.99 1.99 -25.44	48.08 2.21 -23.54	49.96 2.63 -23.00	49.51 2.78 -20.80	43.06 2.96 -13.66	38.27 2.70 -10.61	36.65 2.33 -12.70	35.19 2.12 -13.80	34.12 2.22 -11.53	34.29 2.17 -12.08	37.13 2.49 -12.62	47.10 3.14 -16.64	43.78 3.28 -12.01	39.94 3.25 -8.66	37.53 3.37 -5.31	34.72 3.06 -4.11	33.81 2.58 -6.87	31.47 1.93 -9.19
DANSKAMMER___4 23591	46.05 2.58 -16.88	43.23 2.06 -19.05	42.69 1.92 -20.38	41.71 1.94 -19.40	40.45 1.94 -18.13	43.75 1.94 -21.40	47.99 1.99 -25.44	48.08 2.21 -23.54	49.96 2.63 -23.00	49.51 2.78 -20.80	43.06 2.96 -13.66	38.27 2.70 -10.61	36.65 2.33 -12.70	35.19 2.12 -13.80	34.12 2.22 -11.53	34.29 2.17 -12.08	37.13 2.49 -12.62	47.10 3.14 -16.64	43.78 3.28 -12.01	39.94 3.25 -8.66	37.53 3.37 -5.31	34.72 3.06 -4.11	33.81 2.58 -6.87	31.47 1.93 -9.19
DANSKAMMER___DIESEL 23592	46.05 2.58 -16.88	43.23 2.06 -19.05	42.69 1.92 -20.38	41.71 1.94 -19.40	40.45 1.94 -18.13	43.75 1.94 -21.40	47.99 1.99 -25.44	48.08 2.21 -23.54	49.96 2.63 -23.00	49.51 2.78 -20.80	43.06 2.96 -13.66	38.27 2.70 -10.61	36.65 2.33 -12.70	35.19 2.12 -13.80	34.12 2.22 -11.53	34.29 2.17 -12.08	37.13 2.49 -12.62	47.10 3.14 -16.64	43.78 3.28 -12.01	39.94 3.25 -8.66	37.53 3.37 -5.31	34.72 3.06 -4.11	33.81 2.58 -6.87	31.47 1.93 -9.19
DASHVILLE___HYD 23610	45.32 2.02 -16.71	42.59 1.61 -18.85	42.07 1.51 -20.17	41.08 1.51 -19.20	39.85 1.53 -17.95	43.13 1.53 -21.18	47.30 1.56 -25.18	47.35 1.72 -23.30	49.17 2.07 -22.77	48.70 2.18 -20.59	42.29 2.33 -13.52	37.59 2.12 -10.51	36.02 1.84 -12.58	34.61 1.68 -13.66	33.56 1.77 -11.41	33.72 1.72 -11.96	36.50 1.98 -12.49	46.28 2.49 -16.47	43.00 2.62 -11.89	39.21 2.61 -8.57	36.78 2.68 -5.26	34.07 2.45 -4.07	33.23 2.07 -6.80	30.96 1.53 -9.10
DELAWARE___LFGE 323621	35.01 1.38 -7.04	31.15 1.08 -7.94	29.89 1.00 -8.50	29.44 0.98 -8.09	28.93 1.00 -7.56	30.40 1.06 -8.92	32.27 1.11 -10.61	33.36 1.20 -9.82	35.35 1.41 -9.60	36.17 1.56 -8.68	33.73 1.59 -5.70	30.87 1.47 -4.43	28.12 1.21 -5.30	26.07 1.04 -5.76	26.30 1.12 -4.81	26.19 1.10 -5.04	28.54 1.25 -5.27	35.87 1.61 -6.94	35.21 1.71 -5.01	33.32 1.68 -3.61	32.79 1.73 -2.21	30.81 1.54 -1.71	28.49 1.27 -2.86	25.15 0.98 -3.83
DOGLEVILLE___HYD 23807	28.07 1.92 0.44	23.20 1.57 0.50	21.31 1.45 0.53	21.29 1.43 0.51	21.33 1.43 0.47	21.31 1.45 0.56	21.35 1.46 0.66	23.28 1.56 0.61	25.49 1.75 0.59	27.29 1.89 0.54	27.99 1.90 0.35	26.51 1.82 0.27	22.82 1.53 0.33	20.17 1.25 0.36	21.42 1.34 0.30	21.03 1.30 0.31	23.13 1.43 0.33	28.69 1.80 0.43	30.03 1.85 0.31	29.63 1.82 0.23	30.58 1.87 0.14	29.32 1.87 0.11	25.86 1.68 0.18	21.51 1.40 0.24
DUNKIRK___1 23563	30.08 0.77 -2.71	25.43 0.24 -3.06	23.93 0.26 -3.28	23.57 0.08 -3.12	23.54 0.25 -2.92	23.98 0.12 -3.44	24.44 -0.21 -4.09	26.16 0.04 -3.79	28.06 0.02 -3.70	29.18 -0.10 -3.35	28.53 -0.11 -2.20	26.50 -0.17 -1.71	23.53 -0.13 -2.04	21.21 -0.29 -2.22	21.98 -0.24 -1.86	21.77 -0.22 -1.94	23.90 -0.15 -2.03	29.78 -0.22 -2.68	30.17 -0.26 -1.93	29.28 -0.14 -1.39	29.61 -0.09 -0.85	27.91 -0.30 -0.66	25.10 -0.36 -1.10	21.49 -0.33 -1.48
DUNKIRK___2 23564	30.08 0.77 -2.71	25.43 0.24 -3.06	23.93 0.26 -3.28	23.57 0.08 -3.12	23.54 0.25 -2.92	23.98 0.12 -3.44	24.44 -0.21 -4.09	26.16 0.04 -3.79	28.06 0.02 -3.70	29.18 -0.10 -3.35	28.53 -0.11 -2.20	26.50 -0.17 -1.71	23.53 -0.13 -2.04	21.21 -0.29 -2.22	21.98 -0.24 -1.86	21.77 -0.22 -1.94	23.90 -0.15 -2.03	29.78 -0.22 -2.68	30.17 -0.26 -1.93	29.28 -0.14 -1.39	29.61 -0.09 -0.85	27.91 -0.30 -0.66	25.10 -0.36 -1.10	21.49 -0.33 -1.48



DUNKIRK___3 23565	29.97 0.69 -2.68	25.35 0.20 -3.03	23.86 0.22 -3.24	23.50 0.04 -3.08	23.46 0.20 -2.88	23.92 0.10 -3.40	24.35 -0.25 -4.04	26.07 0.00 -3.74	27.94 -0.05 -3.66	29.06 -0.18 -3.31	28.45 -0.16 -2.17	26.40 -0.25 -1.69	23.46 -0.17 -2.02	21.16 -0.31 -2.20	21.92 -0.29 -1.83	21.68 -0.28 -1.92	23.83 -0.20 -2.01	29.67 -0.30 -2.65	30.06 -0.34 -1.91	29.21 -0.19 -1.38	29.54 -0.14 -0.84	27.82 -0.39 -0.65	25.01 -0.44 -1.09	21.42 -0.39 -1.46
DUNKIRK___4 23566	29.97 0.69 -2.68	25.35 0.20 -3.03	23.86 0.22 -3.24	23.50 0.04 -3.08	23.46 0.20 -2.88	23.92 0.10 -3.40	24.35 -0.25 -4.04	26.07 0.00 -3.74	27.94 -0.05 -3.66	29.06 -0.18 -3.31	28.45 -0.16 -2.17	26.40 -0.25 -1.69	23.46 -0.17 -2.02	21.16 -0.31 -2.20	21.92 -0.29 -1.83	21.68 -0.28 -1.92	23.83 -0.20 -2.01	29.67 -0.30 -2.65	30.06 -0.34 -1.91	29.21 -0.19 -1.38	29.54 -0.14 -0.84	27.82 -0.39 -0.65	25.01 -0.44 -1.09	21.42 -0.39 -1.46
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.55 2.53 -16.43	42.68 2.01 -18.54	42.08 1.86 -19.83	41.13 1.87 -18.88	39.92 1.90 -17.65	43.16 1.92 -20.83	47.27 1.95 -24.76	47.47 2.23 -22.91	49.33 2.60 -22.39	48.90 2.72 -20.24	42.67 2.93 -13.30	38.07 2.77 -10.33	36.38 2.40 -12.37	34.82 2.12 -13.43	33.84 2.24 -11.22	33.99 2.18 -11.76	36.82 2.51 -12.28	46.57 3.06 -16.19	43.38 3.19 -11.69	39.68 3.22 -8.42	37.39 3.37 -5.17	34.66 3.11 -4.00	33.67 2.63 -6.68	31.28 1.99 -8.94
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.88 2.15 -16.13	42.04 1.70 -18.21	41.47 1.59 -19.48	40.53 1.61 -18.55	39.32 1.61 -17.34	42.50 1.63 -20.46	46.54 1.66 -24.32	46.68 1.85 -22.50	48.54 2.21 -21.99	48.15 2.34 -19.88	42.01 2.51 -13.06	37.43 2.32 -10.15	35.74 1.99 -12.15	34.28 1.81 -13.19	33.31 1.91 -11.02	33.46 1.86 -11.55	36.22 2.14 -12.06	45.88 2.65 -15.90	42.77 2.79 -11.48	39.08 2.78 -8.27	36.83 2.91 -5.08	34.13 2.65 -3.93	33.14 2.22 -6.56	30.77 1.65 -8.79
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.77 2.74 -16.43	42.84 2.17 -18.55	42.27 2.04 -19.84	41.30 2.04 -18.89	40.09 2.06 -17.66	43.39 2.14 -20.84	47.52 2.20 -24.77	47.55 2.32 -22.90	49.42 2.70 -22.38	49.03 2.85 -20.24	42.79 3.07 -13.29	38.20 2.89 -10.34	36.48 2.51 -12.36	34.93 2.23 -13.42	33.95 2.36 -11.22	34.10 2.30 -11.75	36.92 2.62 -12.28	46.73 3.22 -16.18	43.54 3.36 -11.68	39.84 3.39 -8.42	37.55 3.55 -5.16	34.84 3.28 -4.01	33.87 2.82 -6.69	31.47 2.18 -8.95
EAST HAMPTON___GT 23717	52.86 6.15 -20.11	49.69 5.22 -22.34	48.55 4.81 -23.35	47.63 4.83 -22.43	46.25 4.83 -21.04	50.27 5.25 -24.61	62.21 5.30 -36.35	63.39 5.94 -35.12	63.27 6.62 -32.32	61.83 6.95 -28.94	53.21 7.11 -19.66	50.11 6.59 -18.55	45.46 5.64 -18.21	41.92 4.99 -17.65	41.31 5.28 -15.67	43.00 5.23 -17.73	49.08 5.99 -21.06	63.74 8.03 -28.38	65.39 8.38 -28.32	55.36 8.38 -18.94	53.44 8.22 -16.37	51.59 7.58 -16.46	42.22 6.48 -11.38	36.34 5.03 -10.98
EAST RIVER___6 23660	45.68 2.66 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.65 2.41 -22.91	49.54 2.82 -22.39	49.14 2.96 -20.24	42.88 3.14 -13.30	38.28 2.97 -10.35	36.55 2.57 -12.37	35.00 2.29 -13.43	34.00 2.40 -11.22	34.16 2.36 -11.76	36.99 2.69 -12.28	46.79 3.28 -16.19	43.60 3.42 -11.69	39.90 3.45 -8.42	37.62 3.61 -5.17	34.87 3.30 -4.02	33.84 2.80 -6.68	31.42 2.14 -8.94
EAST RIVER___7 23524	45.68 2.66 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.65 2.41 -22.91	49.54 2.82 -22.39	49.14 2.96 -20.24	42.88 3.14 -13.30	38.28 2.97 -10.35	36.55 2.57 -12.37	35.00 2.29 -13.43	34.00 2.40 -11.22	34.16 2.36 -11.76	36.99 2.69 -12.28	46.79 3.28 -16.19	43.60 3.42 -11.69	39.90 3.45 -8.42	37.62 3.61 -5.17	34.87 3.30 -4.02	33.84 2.80 -6.68	31.42 2.14 -8.94
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.38 2.39 -16.39	42.53 1.90 -18.50	41.96 1.77 -19.79	41.01 1.79 -18.84	39.78 1.79 -17.61	43.01 1.82 -20.78	47.11 1.85 -24.71	47.31 2.12 -22.86	49.16 2.48 -22.34	48.73 2.59 -20.20	42.51 2.80 -13.27	37.89 2.62 -10.31	36.22 2.27 -12.34	34.70 2.02 -13.40	33.71 2.14 -11.20	33.86 2.08 -11.73	36.66 2.38 -12.26	46.43 2.95 -16.16	43.21 3.05 -11.66	39.49 3.06 -8.41	37.23 3.23 -5.16	34.49 2.95 -3.99	33.54 2.51 -6.67	31.14 1.87 -8.92
EAST_HAMPTON___DIESEL 23722	52.86 6.15 -20.11	49.69 5.22 -22.34	48.57 4.83 -23.35	47.63 4.83 -22.43	46.25 4.83 -21.04	50.27 5.25 -24.61	62.21 5.30 -36.35	63.41 5.96 -35.12	63.27 6.62 -32.32	61.86 6.98 -28.94	53.21 7.11 -19.66	50.13 6.62 -18.55	45.46 5.64 -18.21	41.92 4.99 -17.65	41.33 5.30 -15.67	43.02 5.25 -17.73	49.08 5.99 -21.06	63.76 8.06 -28.38	65.39 8.58 -28.32	55.36 8.38 -18.94	53.47 8.25 -16.37	51.59 7.58 -16.46	42.22 6.48 -11.38	36.34 5.03 -10.98
EAST_RIVER___1 323558	45.71 2.69 -16.43	42.79 2.12 -18.54	42.20 1.98 -19.83	41.25 2.00 -18.88	40.04 2.02 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.65 2.41 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.88 3.14 -13.30	38.28 2.97 -10.35	36.53 2.55 -12.37	34.98 2.27 -13.43	34.00 2.40 -11.22	34.14 2.34 -11.76	36.99 2.69 -12.28	46.79 3.28 -16.19	43.60 3.42 -11.69	39.90 3.45 -8.42	37.62 3.61 -5.17	34.87 3.30 -4.02	33.87 2.82 -6.68	31.42 2.14 -8.94
EAST_RIVER___2 323559	45.68 2.66 -16.43	42.74 2.08 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.65 2.41 -22.91	49.54 2.82 -22.39	49.14 2.96 -20.24	42.88 3.14 -13.30	38.28 2.97 -10.35	36.55 2.57 -12.37	35.00 2.29 -13.43	34.00 2.40 -11.22	34.16 2.36 -11.76	36.99 2.69 -12.28	46.79 3.28 -16.19	43.60 3.42 -11.69	39.90 3.45 -8.42	37.62 3.61 -5.17	34.87 3.30 -4.02	33.84 2.80 -6.68	31.42 2.14 -8.94
EAST___DELAWARE_HYD 23607	43.06 1.68 -14.78	40.14 1.33 -16.68	39.49 1.24 -17.85	38.61 1.24 -16.99	37.50 1.24 -15.88	40.44 1.29 -18.74	44.17 1.34 -22.28	44.38 1.43 -20.62	46.26 1.78 -20.15	46.07 1.92 -18.22	40.41 2.01 -11.97	36.08 1.82 -9.30	34.28 1.53 -11.13	32.79 1.43 -12.09	31.98 1.51 -10.10	32.11 1.48 -10.58	34.80 1.72 -11.05	44.11 2.21 -14.57	41.38 2.36 -10.52	37.94 2.33 -7.58	35.89 2.39 -4.65	33.27 2.12 -3.60	32.13 1.75 -6.01	29.63 1.24 -8.05
ELEC_TRO_TEK 24086	75.46 2.95 -45.91	73.40 2.34 -48.93	70.52 2.20 -47.92	69.85 2.22 -47.26	67.39 2.22 -44.80	71.48 2.25 -48.82	82.38 2.28 -59.54	84.31 2.50 -59.48	84.07 2.97 -56.76	85.51 3.11 -56.46	53.97 3.20 -24.34	56.33 2.99 -28.37	44.65 2.59 -20.44	42.16 2.33 -20.56	41.56 2.46 -18.72	42.88 2.40 -20.43	47.34 2.73 -22.59	65.98 3.39 -35.27	65.62 3.50 -33.62	63.52 3.56 -31.93	57.51 3.63 -25.03	72.27 3.39 -41.33	41.03 2.95 -13.73	37.60 2.26 -15.00
ELLENBURG_WT_PWR 323604	25.32 -1.28 0.00	21.15 -0.97 0.00	19.52 -0.88 0.00	19.56 -0.82 0.00	19.50 -0.88 0.00	19.50 -0.92 0.00	19.73 -0.82 0.00	21.41 -0.92 0.00	23.24 -1.09 0.00	24.67 -1.27 0.00	25.14 -1.29 0.00	23.69 -1.27 0.00	20.53 -1.08 0.00	18.41 -0.87 0.00	19.46 -0.92 0.00	19.14 -0.90 0.00	21.05 -0.97 0.00	26.09 -1.23 0.00	27.38 -1.11 0.00	26.91 -1.12 0.00	27.75 -1.10 0.00	26.67 -0.88 0.00	23.68 -0.68 0.00	19.85 -0.49 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.58 0.37 -2.61	25.07 0.00 -2.94	23.58 0.04 -3.15	23.23 -0.14 -3.00	23.18 0.00 -2.80	23.64 -0.08 -3.31	24.03 -0.45 -3.93	25.70 -0.27 -3.64	27.53 -0.36 -3.56	28.63 -0.52 -3.22	28.05 -0.50 -2.11	26.06 -0.55 -1.64	23.17 -0.41 -1.96	20.89 -0.52 -2.13	21.65 -0.51 -1.78	21.39 -0.52 -1.87	23.51 -0.46 -1.95	29.24 -0.66 -2.57	29.61 -0.74 -1.86	28.78 -0.59 -1.34	29.12 -0.55 -0.82	27.44 -0.74 -0.64	24.69 -0.73 -1.06	21.13 -0.63 -1.42
EMPIRE_CC_1 323656	48.78 1.86 -20.32	46.54 1.48 -22.94	46.30 1.37 -24.54	45.08 1.34 -23.36	43.58 1.37 -21.84	47.53 1.35 -25.77	52.55 1.36 -30.64	52.20 1.54 -28.33	53.75 1.73 -27.68	52.81 1.84 -25.03	44.76 1.88 -16.44	39.51 1.77 -12.78	38.44 1.53 -15.29	37.23 1.35 -16.61	35.68 1.43 -13.88	36.00 1.42 -14.54	38.51 1.30 -15.19	48.94 1.58 -20.03	44.58 1.62 -14.46	40.05 1.60 -10.42	36.88 1.64 -6.40	34.10 1.60 -4.95	34.33 1.70 -8.27	32.81 1.40 -11.07
EMPIRE_CC_2 323658	48.78 1.86 -20.32	46.54 1.48 -22.94	46.30 1.37 -24.54	45.08 1.34 -23.36	43.58 1.37 -21.84	47.53 1.35 -25.77	52.55 1.36 -30.64	52.20 1.54 -28.33	53.75 1.73 -27.68	52.81 1.84 -25.03	44.76 1.88 -16.44	39.51 1.77 -12.78	38.44 1.53 -15.29	37.23 1.35 -16.61	35.68 1.43 -13.88	36.00 1.42 -14.54	38.51 1.30 -15.19	48.94 1.58 -20.03	44.58 1.62 -14.46	40.05 1.60 -10.42	36.88 1.64 -6.40	34.10 1.60 -4.95	34.33 1.70 -8.27	32.81 1.40 -11.07
ERIE_WT_PWR 323693	29.90 0.64 -2.67	25.34 0.20 -3.01	23.84 0.22 -3.23	23.50 0.06 -3.07	23.43 0.18 -2.87	23.90 0.10 -3.39	24.34 -0.25 -4.03	26.03 -0.02 -3.73	27.88 -0.10 -3.64	29.02 -0.21 -3.29	28.39 -0.21 -2.16	26.37 -0.27 -1.68	23.45 -0.17 -2.01	21.15 -0.31 -2.19	21.91 -0.29 -1.83	21.65 -0.30 -1.91	23.80 -0.22 -2.00	29.63 -0.33 -2.63	30.00 -0.40 -1.90	29.15 -0.25 -1.37	29.48 -0.20 -0.84	27.76 -0.44 -0.65	24.98 -0.46 -1.09	21.37 -0.43 -1.45
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.22 0.98 -3.64	26.98 0.75 -4.10	25.45 0.67 -4.39	25.18 0.63 -4.18	24.93 0.65 -3.91	25.74 0.71 -4.61	26.73 0.70 -5.48	28.23 0.83 -5.07	30.27 0.97 -4.96	31.48 1.06 -4.48	30.44 1.06 -2.94	28.17 0.92 -2.29	25.09 0.74 -2.74	22.83 0.58 -2.97	23.49 0.63 -2.49	23.29 0.64 -2.60	25.47 0.73 -2.72	31.95 1.04 -3.58	32.16 1.08 -2.59	30.90 1.01 -1.86	31.02 1.04 -1.14	29.29 0.85 -0.89	26.52 0.68 -1.48	22.87 0.55 -1.98
E_CANADA_CAP_HY 24051	54.83 1.75 -26.48	53.40 1.39 -29.88	53.63 1.26 -31.97	51.97 1.16 -30.44	50.01 1.18 -28.45	55.27 1.29 -33.57	61.90 1.44 -39.91	60.90 1.54 -37.03	62.35 1.83 -36.19	60.65 2.00 -32.72	49.94 2.01 -21.49	43.54 1.87 -16.70	43.16 1.56 -19.99	42.25 1.27 -21.71	39.88 1.37 -18.14	40.43 1.38 -19.01	43.46 1.59 -19.85	55.69 2.27 -26.10	49.59 2.25 -18.84	43.85 2.24 -13.58	39.40 2.22 -8.33	35.98 1.98 -6.45	36.64 1.51 -10.77	35.86 1.10 -14.42
E_CANADA_MHWK_HY 24050	28.07 1.92 0.44	23.20 1.57 0.50	21.31 1.45 0.53	21.29 1.43 0.51	21.33 1.43 0.47	21.31 1.45 0.56	21.35 1.46 0.66	23.28 1.56 0.61	25.49 1.75 0.59	27.29 1.89 0.54	27.99 1.90 0.35	26.51 1.82 0.27	22.82 1.53 0.33	20.17 1.25 0.36	21.42 1.34 0.30	21.03 1.30 0.31	23.13 1.43 0.33	28.69 1.80 0.43	30.03 1.85 0.31	29.63 1.82 0.23	30.58 1.87 0.14	29.32 1.87 0.11	25.86 1.68 0.18	21.51 1.40 0.24
E_FISHKILL__LBMP 23776	45.62 2.26 -16.77	42.84 1.79 -18.92	42.31 1.67 -20.25	41.34 1.69 -19.28	40.08 1.69 -18.02	43.39 1.72 -21.26	47.56 1.73 -25.27	47.70 1.99 -23.39	49.50 2.31 -22.85	49.04 2.44 -20.66	42.63 2.62 -13.57	37.96 2.45 -10.55	36.33 2.10 -12.62	34.85 1.87 -13.71	33.80 1.98 -11.46	33.99 1.94 -12.00	36.79 2.22 -12.54	46.58 2.73 -16.53	43.28 2.85 -11.93	39.46 2.83 -8.60	37.09 2.97 -5.28	34.36 2.73 -4.09	33.50 2.32 -6.82	31.22 1.75 -9.13
FAR ROCKAWAY__4 23548	109.77 3.51 -79.66	108.65 2.81 -83.71	103.07 2.61 -80.07	102.74 2.63 -79.74	98.89 2.65 -75.87	103.58 2.67 -80.49	113.12 2.69 -89.88	116.64 2.97 -91.35	116.56 3.48 -88.75	122.06 3.66 -92.47	60.63 3.73 -30.47	69.67 3.49 -41.22	49.20 3.03 -24.57	47.88 2.70 -25.91	47.59 2.85 -24.36	48.25 2.78 -25.43	50.56 3.15 -25.39	76.49 3.96 -45.21	75.32 4.16 -42.66	83.36 4.15 -51.18	73.31 4.24 -40.23	105.38 3.97 -73.86	45.83 3.41 -18.06	43.24 2.63 -20.27
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.74 2.71 -16.43	42.79 2.12 -18.54	42.20 1.98 -19.83	41.27 2.02 -18.88	40.06 2.04 -17.65	43.30 2.06 -20.83	47.41 2.10 -24.76	47.65 2.41 -22.91	49.54 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.30 2.99 -10.35	36.55 2.57 -12.37	35.00 2.29 -13.43	34.02 2.42 -11.22	34.16 2.36 -11.76	37.01 2.71 -12.28	46.82 3.30 -16.19	43.60 3.42 -11.69	39.93 3.48 -8.42	37.65 3.63 -5.17	34.90 3.33 -4.02	33.89 2.85 -6.68	31.44 2.16 -8.94
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.74 2.71 -16.43	42.79 2.12 -18.54	42.20 1.98 -19.83	41.27 2.02 -18.88	40.06 2.04 -17.65	43.30 2.06 -20.83	47.41 2.10 -24.76	47.65 2.41 -22.91	49.54 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.30 2.99 -10.35	36.55 2.57 -12.37	35.00 2.29 -13.43	34.02 2.42 -11.22	34.16 2.36 -11.76	37.01 2.71 -12.28	46.82 3.30 -16.19	43.60 3.42 -11.69	39.93 3.48 -8.42	37.65 3.63 -5.17	34.90 3.33 -4.02	33.89 2.85 -6.68	31.44 2.16 -8.94
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.71 2.69 -16.43	42.79 2.12 -18.54	42.20 1.98 -19.83	41.25 2.00 -18.88	40.04 2.02 -17.65	43.28 2.04 -20.83	47.41 2.10 -24.76	47.65 2.41 -22.91	49.54 2.82 -22.39	49.11 2.93 -20.24	42.88 3.14 -13.30	38.28 2.97 -10.35	36.53 2.55 -12.37	34.98 2.27 -13.43	34.00 2.40 -11.22	34.14 2.34 -11.76	36.99 2.69 -12.28	46.79 3.28 -16.19	43.57 3.39 -11.69	39.90 3.45 -8.42	37.62 3.61 -5.17	34.87 3.30 -4.02	33.87 2.82 -6.68	31.42 2.14 -8.94
FARRAGUT__LBMP 323566	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.63 2.39 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
FENNER__WINDPWR 24204	28.70 0.85 -1.26	24.23 0.69 -1.42	22.50 0.59 -1.52	22.39 0.57 -1.44	22.32 0.59 -1.35	22.68 0.67 -1.59	23.15 0.70 -1.89	24.84 0.76 -1.76	26.97 0.92 -1.72	28.55 1.06 -1.55	28.46 1.00 -1.02	26.65 0.90 -0.79	23.23 0.67 -0.95	20.86 0.56 -1.03	21.84 0.61 -0.86	21.56 0.62 -0.90	23.65 0.68 -0.94	29.54 0.98 -1.24	30.44 1.05 -0.89	29.66 0.98 -0.64	30.22 0.98 -0.40	28.71 0.85 -0.31	25.53 0.66 -0.51	21.58 0.55 -0.68
FIBERTEK__ENERGY 23856	28.42 0.19 -1.63	24.13 0.16 -1.84	22.49 0.12 -1.97	22.35 0.10 -1.88	22.25 0.12 -1.75	22.65 0.16 -2.07	23.10 0.08 -2.46	24.74 0.13 -2.28	26.73 0.17 -2.23	28.11 0.16 -2.01	27.92 0.16 -1.32	26.12 0.13 -1.03	22.93 0.09 -1.23	20.63 0.02 -1.34	21.53 0.04 -1.12	21.25 0.04 -1.17	23.29 0.04 -1.22	29.04 0.11 -1.61	29.77 0.11 -1.16	28.95 0.08 -0.84	29.42 0.06 -0.51	27.95 0.00 -0.40	25.00 -0.02 -0.66	21.23 0.00 -0.89



FITZPATRICK____ 23598	27.01 -0.59 -1.00	22.79 -0.47 -1.13	21.17 -0.43 -1.20	21.07 -0.45 -1.15	21.00 -0.45 -1.07	21.25 -0.43 -1.27	21.55 -0.51 -1.50	23.18 -0.54 -1.39	25.09 -0.61 -1.36	26.49 -0.67 -1.23	26.53 -0.71 -0.81	24.94 -0.65 -0.63	21.80 -0.56 -0.75	19.55 -0.54 -0.82	20.51 -0.55 -0.68	20.20 -0.56 -0.71	22.18 -0.59 -0.75	27.54 -0.76 -0.98	28.38 -0.83 -0.71	27.73 -0.81 -0.51	28.32 -0.84 -0.31	26.97 -0.83 -0.24	24.06 -0.71 -0.41	20.34 -0.55 -0.54
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.17 2.66 -16.91	43.34 2.12 -19.09	42.79 1.98 -20.42	41.82 2.00 -19.45	40.53 1.98 -18.17	43.86 2.00 -21.45	48.11 2.06 -25.50	48.17 2.25 -23.59	50.09 2.70 -23.05	49.61 2.83 -20.84	43.14 3.01 -13.69	38.37 2.77 -10.64	36.72 2.38 -12.73	35.26 2.16 -13.83	34.21 2.28 -11.56	34.37 2.22 -12.11	37.22 2.55 -12.65	47.22 3.22 -16.67	43.89 3.36 -12.04	40.04 3.33 -8.67	37.63 3.46 -5.32	34.81 3.14 -4.12	33.90 2.66 -6.88	31.55 1.99 -9.21
FORT ORANGE____ 23900	49.28 2.08 -20.61	47.05 1.66 -23.26	46.81 1.53 -24.89	45.58 1.51 -23.70	44.03 1.51 -22.15	47.90 1.35 -26.13	53.00 1.38 -31.07	52.50 1.47 -28.70	53.99 1.61 -28.05	53.01 1.71 -25.36	44.68 1.59 -16.66	39.46 1.55 -12.94	38.44 1.34 -15.49	37.28 1.18 -16.83	35.68 1.24 -14.06	36.00 1.22 -14.73	38.71 1.30 -15.39	49.20 1.56 -20.32	44.76 1.59 -14.67	40.23 1.63 -10.57	37.00 1.67 -6.49	34.28 1.71 -5.02	34.33 1.58 -8.39	32.91 1.34 -11.22
FORT_DRUM_COGEN 23780	27.38 0.16 -0.63	22.94 0.11 -0.71	21.19 0.04 -0.76	21.13 0.04 -0.72	21.11 0.06 -0.67	21.37 0.16 -0.79	21.83 0.33 -0.94	23.45 0.25 -0.88	25.60 0.41 -0.86	27.43 0.73 -0.77	27.45 0.50 -0.51	25.78 0.42 -0.39	22.24 0.15 -0.47	19.88 0.10 -0.51	20.98 0.18 -0.43	20.63 0.14 -0.45	22.62 0.13 -0.47	28.46 0.52 -0.62	29.57 0.63 -0.45	28.83 0.48 -0.32	29.39 0.35 -0.20	27.98 0.28 -0.15	24.78 0.17 -0.25	20.81 0.12 -0.34
FPL_FAR_ROCK_GT1 24212	109.77 3.51 -79.66	108.65 2.81 -83.71	103.07 2.61 -80.07	102.74 2.63 -79.74	98.89 2.65 -75.87	103.58 2.67 -80.49	113.12 2.69 -89.88	116.64 2.97 -91.35	116.56 3.48 -88.75	122.06 3.66 -92.47	60.63 3.73 -30.47	69.67 3.49 -41.22	49.20 3.03 -24.57	47.88 2.70 -25.91	47.59 2.85 -24.36	48.25 2.78 -25.43	50.56 3.15 -25.39	76.49 3.96 -45.21	75.32 4.16 -42.66	83.36 4.15 -51.18	73.31 4.24 -40.23	105.38 3.97 -73.86	45.83 3.41 -18.06	43.24 2.63 -20.27
FPL_FAR_ROCK_GT2 23815	109.77 3.51 -79.66	108.65 2.81 -83.71	103.07 2.61 -80.07	102.74 2.63 -79.74	98.89 2.65 -75.87	103.58 2.67 -80.49	113.12 2.69 -89.88	116.64 2.97 -91.35	116.56 3.48 -88.75	122.06 3.66 -92.47	60.63 3.73 -30.47	69.67 3.49 -41.22	49.20 3.03 -24.57	47.88 2.70 -25.91	47.59 2.85 -24.36	48.25 2.78 -25.43	50.56 3.15 -25.39	76.49 3.96 -45.21	75.32 4.16 -42.66	83.36 4.15 -51.18	73.31 4.24 -40.23	105.38 3.97 -73.86	45.83 3.41 -18.06	43.24 2.63 -20.27
FRANKLIN_FALL_HYD 24054	25.37 -1.22 0.00	21.22 -0.91 0.00	19.58 -0.82 0.00	19.62 -0.75 0.00	19.50 -0.88 0.00	19.50 -0.92 0.00	19.79 -0.76 0.00	21.48 -0.85 0.00	23.29 -1.05 0.00	24.74 -1.19 0.00	25.20 -1.24 0.00	23.74 -1.22 0.00	20.57 -1.04 0.00	18.46 -0.81 0.00	19.52 -0.85 0.00	19.14 -0.90 0.00	21.08 -0.95 0.00	26.20 -1.12 0.00	27.53 -0.97 0.00	27.02 -1.01 0.00	27.75 -1.10 0.00	26.75 -0.80 0.00	23.75 -0.61 0.00	19.94 -0.41 0.00
FREEPORT_EQUS_GT1 23764	73.57 3.38 -43.60	71.37 2.70 -46.54	68.62 2.51 -45.72	67.89 2.48 -45.03	65.53 2.49 -42.67	69.61 2.55 -46.65	80.61 2.59 -57.46	82.48 2.86 -57.29	82.26 3.36 -54.57	83.46 3.53 -53.99	53.95 3.59 -23.92	55.85 3.39 -27.49	45.11 2.92 -20.58	42.61 2.60 -20.73	42.05 2.77 -18.91	43.34 2.70 -20.60	47.78 3.08 -22.68	66.11 3.88 -34.91	66.27 4.04 -33.73	63.47 4.04 -31.40	58.34 4.15 -25.34	70.50 3.86 -39.10	41.57 3.34 -13.87	37.57 2.58 -14.64
FREEPORT____CT2 23818	73.57 3.38 -43.60	71.37 2.70 -46.54	68.62 2.51 -45.72	67.89 2.48 -45.03	65.53 2.49 -42.67	69.61 2.55 -46.65	80.61 2.59 -57.46	82.48 2.86 -57.29	82.26 3.36 -54.57	83.46 3.53 -53.99	53.95 3.59 -23.92	55.85 3.39 -27.49	45.11 2.92 -20.58	42.61 2.60 -20.73	42.05 2.77 -18.91	43.34 2.70 -20.60	47.78 3.08 -22.68	66.11 3.88 -34.91	66.27 4.04 -33.73	63.47 4.04 -31.40	58.34 4.15 -25.34	70.50 3.86 -39.10	41.57 3.34 -13.87	37.57 2.58 -14.64
FULTON COGEN____ 23766	27.75 -0.13 -1.29	23.49 -0.09 -1.45	21.84 -0.10 -1.55	21.73 -0.12 -1.48	21.66 -0.10 -1.38	21.96 -0.08 -1.63	22.33 -0.17 -1.94	23.97 -0.16 -1.79	25.92 -0.17 -1.75	27.34 -0.18 -1.59	27.30 -0.18 -1.04	25.57 -0.20 -0.81	22.39 -0.19 -0.97	20.11 -0.21 -1.05	21.03 -0.22 -0.88	20.76 -0.20 -0.92	22.76 -0.22 -0.96	28.34 -0.25 -1.27	29.13 -0.28 -0.92	28.38 -0.31 -0.66	28.93 -0.32 -0.40	27.50 -0.36 -0.31	24.56 -0.32 -0.52	20.82 -0.22 -0.70
FULTON____LFGE 323630	56.06 4.36 -25.10	53.99 3.54 -28.33	53.94 3.24 -30.31	52.28 3.05 -28.86	50.42 3.08 -26.97	55.44 3.21 -31.83	61.80 3.41 -37.84	61.13 3.68 -35.12	62.87 4.21 -34.32	61.48 4.51 -31.03	51.42 4.60 -20.39	45.20 4.39 -15.84	44.31 3.74 -18.96	43.01 3.14 -20.59	40.90 3.32 -17.20	41.40 3.33 -18.03	44.64 3.79 -18.83	57.23 5.17 -24.74	51.43 5.07 -17.86	45.95 5.04 -12.87	41.79 5.05 -7.90	38.27 4.60 -6.12	38.22 3.65 -10.21	36.84 2.83 -13.67
G.F.CEMENT____DRP 24184	50.91 2.42 -21.90	48.81 1.97 -24.71	48.63 1.79 -26.44	47.28 1.73 -25.17	45.64 1.73 -23.53	49.93 1.76 -27.76	55.31 1.75 -33.01	54.93 1.99 -30.61	56.51 2.26 -29.91	55.40 2.41 -27.05	46.80 2.59 -17.77	41.26 2.50 -13.80	40.40 2.27 -16.52	39.15 1.93 -17.94	37.40 2.04 -14.99	37.78 2.02 -15.71	40.64 2.20 -16.41	51.78 2.87 -21.59	46.93 2.85 -15.58	42.04 2.78 -11.23	38.56 2.83 -6.89	35.47 2.59 -5.34	35.53 2.27 -8.91	34.06 1.79 -11.92
GARDENVILLE____LBMP 24039	29.76 0.50 -2.66	25.21 0.09 -3.00	23.73 0.12 -3.21	23.39 -0.04 -3.06	23.31 0.08 -2.86	23.80 0.02 -3.37	24.21 -0.35 -4.01	25.88 -0.16 -3.71	27.71 -0.24 -3.62	28.85 -0.36 -3.28	28.22 -0.37 -2.15	26.24 -0.40 -1.67	23.31 -0.30 -2.00	21.02 -0.42 -2.17	21.78 -0.41 -1.82	21.52 -0.42 -1.90	23.66 -0.35 -1.99	29.45 -0.49 -2.62	29.82 -0.57 -1.89	28.98 -0.42 -1.36	29.30 -0.38 -0.84	27.62 -0.58 -0.65	24.83 -0.61 -1.08	21.26 -0.53 -1.45
GENERAL____MILLS 23808	29.88 0.61 -2.67	25.32 0.18 -3.01	23.82 0.20 -3.23	23.46 0.02 -3.07	23.41 0.16 -2.87	23.88 0.08 -3.39	24.31 -0.27 -4.03	26.01 -0.04 -3.73	27.85 -0.12 -3.64	29.00 -0.23 -3.29	28.36 -0.24 -2.16	26.35 -0.30 -1.68	23.43 -0.19 -2.01	21.13 -0.33 -2.19	21.89 -0.31 -1.83	21.63 -0.32 -1.91	23.78 -0.24 -2.00	29.57 -0.38 -2.63	29.97 -0.43 -1.90	29.12 -0.28 -1.37	29.42 -0.26 -0.84	27.73 -0.47 -0.65	24.96 -0.49 -1.09	21.35 -0.45 -1.45
GE_PLASTICS____DRP 24183	49.12 1.81 -20.71	46.94 1.44 -23.37	46.75 1.35 -25.01	45.50 1.32 -23.81	43.95 1.32 -22.25	47.98 1.31 -26.26	53.09 1.32 -31.22	52.63 1.43 -28.87	54.11 1.56 -28.22	53.11 1.66 -25.51	44.78 1.59 -16.76	39.51 1.52 -13.02	38.51 1.32 -15.58	37.36 1.16 -16.93	35.74 1.22 -14.14	36.06 1.20 -14.82	38.80 1.30 -15.48	49.32 1.58 -20.42	44.86 1.62 -14.74	40.28 1.63 -10.62	37.03 1.67 -6.52	34.28 1.68 -5.05	34.32 1.54 -8.43	32.90 1.28 -11.28



GILBOA___1 23756	44.16 1.46 -16.10	41.44 1.15 -18.17	40.89 1.06 -19.44	39.94 1.06 -18.51	38.73 1.06 -17.30	41.91 1.08 -20.41	45.91 1.09 -24.27	45.97 1.18 -22.46	47.64 1.36 -21.95	47.23 1.45 -19.84	41.00 1.53 -13.03	36.51 1.42 -10.13	34.96 1.23 -12.12	33.52 1.08 -13.16	32.53 1.16 -11.00	32.69 1.12 -11.53	35.34 1.28 -12.04	44.69 1.50 -15.87	41.57 1.62 -11.46	37.91 1.63 -8.26	35.58 1.67 -5.07	33.04 1.57 -3.92	32.25 1.34 -6.55	30.17 1.06 -8.77
GILBOA___2 23757	44.16 1.46 -16.10	41.44 1.15 -18.17	40.89 1.06 -19.44	39.94 1.06 -18.51	38.73 1.06 -17.30	41.91 1.08 -20.41	45.91 1.09 -24.27	45.97 1.18 -22.46	47.64 1.36 -21.95	47.23 1.45 -19.84	41.00 1.53 -13.03	36.51 1.42 -10.13	34.96 1.23 -12.12	33.52 1.08 -13.16	32.53 1.16 -11.00	32.69 1.12 -11.53	35.34 1.28 -12.04	44.69 1.50 -15.87	41.57 1.62 -11.46	37.91 1.63 -8.26	35.58 1.67 -5.07	33.04 1.57 -3.92	32.25 1.34 -6.55	30.17 1.06 -8.77
GILBOA___3 23758	44.16 1.46 -16.10	41.44 1.15 -18.17	40.89 1.06 -19.44	39.94 1.06 -18.51	38.73 1.06 -17.30	41.91 1.08 -20.41	45.91 1.09 -24.27	45.97 1.18 -22.46	47.64 1.36 -21.95	47.23 1.45 -19.84	41.00 1.53 -13.03	36.51 1.42 -10.13	34.96 1.23 -12.12	33.52 1.08 -13.16	32.53 1.16 -11.00	32.69 1.12 -11.53	35.34 1.28 -12.04	44.69 1.50 -15.87	41.57 1.62 -11.46	37.91 1.63 -8.26	35.58 1.67 -5.07	33.04 1.57 -3.92	32.25 1.34 -6.55	30.17 1.06 -8.77
GILBOA___4 23759	44.16 1.46 -16.10	41.44 1.15 -18.17	40.89 1.06 -19.44	39.94 1.06 -18.51	38.73 1.06 -17.30	41.91 1.08 -20.41	45.91 1.09 -24.27	45.97 1.18 -22.46	47.64 1.36 -21.95	47.23 1.45 -19.84	41.00 1.53 -13.03	36.51 1.42 -10.13	34.96 1.23 -12.12	33.52 1.08 -13.16	32.53 1.16 -11.00	32.69 1.12 -11.53	35.34 1.28 -12.04	44.69 1.50 -15.87	41.57 1.62 -11.46	37.91 1.63 -8.26	35.58 1.67 -5.07	33.04 1.57 -3.92	32.25 1.34 -6.55	30.17 1.06 -8.77
GILBOA____ 23599	44.16 1.46 -16.10	41.44 1.15 -18.17	40.89 1.06 -19.44	39.94 1.06 -18.51	38.73 1.06 -17.30	41.91 1.08 -20.41	45.91 1.09 -24.27	45.97 1.18 -22.46	47.64 1.36 -21.95	47.23 1.45 -19.84	41.00 1.53 -13.03	36.51 1.42 -10.13	34.96 1.23 -12.12	33.52 1.08 -13.16	32.53 1.16 -11.00	32.69 1.12 -11.53	35.34 1.28 -12.04	44.69 1.50 -15.87	41.57 1.62 -11.46	37.91 1.63 -8.26	35.58 1.67 -5.07	33.04 1.57 -3.92	32.25 1.34 -6.55	30.17 1.06 -8.77
GINNA____ 23603	27.39 -1.12 -1.91	23.26 -1.02 -2.15	21.76 -0.94 -2.30	21.57 -1.00 -2.19	21.47 -0.96 -2.05	22.04 -0.80 -2.42	22.36 -1.07 -2.87	24.12 -0.87 -2.66	25.72 -1.22 -2.60	26.91 -1.38 -2.35	26.58 -1.40 -1.54	24.84 -1.32 -1.20	21.95 -1.10 -1.44	19.66 -1.18 -1.56	20.43 -1.24 -1.30	20.21 -1.20 -1.37	22.15 -1.30 -1.43	27.73 -1.48 -1.88	28.23 -1.62 -1.36	27.38 -1.63 -0.98	27.77 -1.67 -0.60	26.28 -1.73 -0.46	23.55 -1.58 -0.78	20.14 -1.24 -1.04
GLEN PARK____ 23778	27.55 0.29 -0.67	23.10 0.22 -0.75	21.32 0.12 -0.80	21.26 0.12 -0.76	21.24 0.14 -0.71	21.52 0.26 -0.84	22.01 0.45 -1.00	23.64 0.38 -0.93	25.83 0.58 -0.91	27.67 0.91 -0.82	27.66 0.69 -0.54	25.98 0.60 -0.42	22.37 0.26 -0.50	20.01 0.19 -0.55	21.11 0.29 -0.46	20.78 0.26 -0.48	22.79 0.27 -0.50	28.69 0.71 -0.66	29.80 0.83 -0.47	29.04 0.67 -0.34	29.57 0.52 -0.21	28.13 0.41 -0.16	24.90 0.27 -0.27	20.91 0.20 -0.36
GLENWOOD_IC_1_G5 23712	64.89 3.03 -35.27	62.49 2.41 -37.95	60.42 2.24 -37.78	59.63 2.24 -37.01	57.61 2.24 -34.99	61.55 2.31 -38.83	72.85 2.32 -49.97	74.37 2.61 -49.43	74.08 3.07 -46.68	74.26 3.22 -45.11	52.20 3.36 -22.41	52.45 3.17 -24.32	43.61 2.72 -19.28	40.74 2.43 -19.04	40.07 2.57 -17.13	41.57 2.50 -19.02	46.68 2.86 -21.79	62.90 3.33 -32.24	62.97 3.48 -31.00	57.64 3.50 -26.10	53.34 3.84 -20.66	62.17 3.56 -31.07	39.88 3.02 -12.50	36.00 2.32 -13.34
GLENWOOD_IC_2_G1 23688	55.40 2.79 -26.02	52.76 2.21 -28.42	51.42 2.06 -28.97	50.56 2.08 -28.11	48.95 2.10 -26.48	52.69 2.12 -30.15	64.37 2.16 -41.66	65.46 2.43 -40.69	65.09 2.85 -37.91	64.16 2.98 -35.24	50.31 3.14 -20.73	48.73 2.97 -20.80	41.87 2.55 -17.71	38.55 2.27 -17.01	37.76 2.40 -14.99	39.51 2.34 -17.13	45.44 2.69 -20.73	59.82 3.30 -29.19	59.67 3.42 -27.75	51.48 3.45 -20.00	47.53 3.61 -15.08	53.03 3.33 -22.15	38.04 2.82 -10.86	34.40 2.16 -11.90
GLENWOOD_IC_3_G1 23689	55.40 2.79 -26.02	52.76 2.21 -28.42	51.42 2.06 -28.97	50.56 2.08 -28.11	48.95 2.10 -26.48	52.69 2.12 -30.15	64.37 2.16 -41.66	65.46 2.43 -40.69	65.09 2.85 -37.91	64.16 2.98 -35.24	50.31 3.14 -20.73	48.73 2.97 -20.80	41.87 2.55 -17.71	38.55 2.27 -17.01	37.76 2.40 -14.99	39.51 2.34 -17.13	45.44 2.69 -20.73	59.82 3.30 -29.19	59.67 3.42 -27.75	51.48 3.45 -20.00	47.53 3.61 -15.08	53.03 3.33 -22.15	38.04 2.82 -10.86	34.40 2.16 -11.90
GLENWOOD___4 23550	64.89 3.03 -35.27	62.49 2.41 -37.95	60.42 2.24 -37.78	59.63 2.24 -37.01	57.61 2.24 -34.99	61.55 2.31 -38.83	72.85 2.32 -49.97	74.37 2.61 -49.43	74.08 3.07 -46.68	74.26 3.22 -45.11	52.20 3.36 -22.41	52.45 3.17 -24.32	43.61 2.72 -19.28	40.74 2.43 -19.04	40.07 2.57 -17.13	41.57 2.50 -19.02	46.68 2.86 -21.79	62.98 3.42 -32.24	63.05 3.56 -31.00	57.72 3.59 -26.10	53.34 3.84 -20.66	62.17 3.56 -31.07	39.88 3.02 -12.50	36.00 2.32 -13.34
GLENWOOD___5 23614	64.89 3.03 -35.27	62.49 2.41 -37.95	60.42 2.24 -37.78	59.63 2.24 -37.01	57.61 2.24 -34.99	61.55 2.31 -38.83	72.85 2.32 -49.97	74.37 2.61 -49.43	74.08 3.07 -46.68	74.26 3.22 -45.11	52.20 3.36 -22.41	52.45 3.17 -24.32	43.61 2.72 -19.28	40.74 2.43 -19.04	40.07 2.57 -17.13	41.57 2.50 -19.02	46.68 2.86 -21.79	62.98 3.42 -32.24	63.05 3.56 -31.00	57.72 3.59 -26.10	53.34 3.84 -20.66	62.17 3.56 -31.07	39.88 3.02 -12.50	36.00 2.32 -13.34
GLOBAL GREEN_PORT_GT1 23814	52.75 6.04 -20.11	49.60 5.13 -22.34	48.47 4.73 -23.35	47.55 4.75 -22.43	46.15 4.73 -21.04	50.17 5.15 -24.61	62.13 5.22 -36.35	63.28 5.83 -35.12	63.15 6.50 -32.32	61.70 6.82 -28.94	53.07 6.98 -19.66	49.98 6.46 -18.55	45.37 5.56 -18.21	41.84 4.92 -17.65	41.23 5.20 -15.67	42.92 5.15 -17.73	48.97 5.88 -21.06	63.60 7.90 -28.38	65.22 8.41 -28.32	55.19 8.21 -18.94	53.29 8.07 -16.37	51.43 7.41 -16.46	42.10 6.36 -11.38	36.26 4.94 -10.98
GLOBE___DSASP 323697	28.93 -0.13 -2.47	24.54 -0.38 -2.79	23.07 -0.31 -2.98	22.74 -0.47 -2.84	22.66 -0.37 -2.65	23.14 -0.41 -3.13	23.16 -1.11 -3.72	24.59 -1.18 -3.44	26.31 -1.39 -3.37	27.37 -1.61 -3.04	26.80 -1.64 -2.00	24.99 -1.52 -1.55	22.20 -1.28 -1.86	20.02 -1.27 -2.02	20.71 -1.35 -1.69	20.47 -1.34 -1.77	22.48 -1.39 -1.85	27.93 -1.83 -2.43	28.29 -1.97 -1.76	27.59 -1.71 -1.27	27.89 -1.73 -0.78	26.31 -1.85 -0.60	23.71 -1.66 -1.00	20.28 -1.40 -1.34
GOETHSLN___LBMP 323567	45.50 2.47 -16.43	42.61 1.95 -18.54	42.06 1.84 -19.83	41.13 1.87 -18.88	38.18 1.90 -15.91	38.18 1.94 -15.83	40.53 1.97 -18.00	44.22 2.30 -19.60	41.38 2.70 -14.35	38.18 2.83 -9.42	38.18 3.01 -8.73	38.18 2.87 -10.35	36.46 2.48 -12.37	34.92 2.22 -13.43	33.94 2.34 -11.22	34.08 2.28 -11.76	36.90 2.60 -12.28	46.66 3.14 -16.19	43.43 3.25 -11.69	39.76 3.31 -8.42	37.50 3.49 -5.17	34.76 3.19 -4.02	33.77 2.73 -6.68	31.34 2.05 -8.94



GOODYEAR_LAKE_HYD 323669	32.87 1.54 -4.73	28.68 1.22 -5.34	27.21 1.10 -5.71	26.89 1.08 -5.44	26.56 1.10 -5.08	27.60 1.18 -6.00	28.98 1.30 -7.13	30.34 1.38 -6.63	32.49 1.68 -6.48	33.66 1.87 -5.85	32.16 1.88 -3.85	29.67 1.72 -2.99	26.57 1.38 -3.58	24.33 1.18 -3.88	24.88 1.26 -3.25	24.71 1.26 -3.40	27.01 1.43 -3.55	33.93 1.94 -4.67	33.92 2.05 -3.37	32.42 1.96 -2.43	32.32 1.99 -1.49	30.47 1.76 -1.15	27.70 1.41 -1.93	24.00 1.08 -2.58
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.78 0.85 -5.33	28.76 0.62 -6.01	27.40 0.57 -6.43	27.03 0.53 -6.13	26.65 0.55 -5.73	27.74 0.57 -6.76	29.12 0.53 -8.03	30.39 0.62 -7.43	32.33 0.73 -7.27	33.28 0.78 -6.57	31.57 0.82 -4.32	29.01 0.70 -3.35	26.21 0.58 -4.01	24.09 0.46 -4.36	24.52 0.51 -3.64	24.36 0.50 -3.82	26.58 0.57 -3.99	33.34 0.76 -5.25	33.08 0.80 -3.79	31.55 0.78 -2.73	31.36 0.84 -1.68	29.54 0.69 -1.30	27.04 0.51 -2.17	23.69 0.45 -2.90
GOUDEY___7 23579	32.80 0.88 -5.33	28.78 0.64 -6.01	27.42 0.59 -6.43	27.05 0.55 -6.13	26.67 0.57 -5.73	27.76 0.59 -6.76	29.14 0.56 -8.03	30.41 0.65 -7.43	32.35 0.76 -7.27	33.31 0.80 -6.57	31.60 0.85 -4.32	29.04 0.72 -3.35	26.23 0.60 -4.01	24.11 0.48 -4.36	24.54 0.53 -3.64	24.38 0.52 -3.82	26.60 0.59 -3.99	33.37 0.79 -5.25	33.11 0.83 -3.79	31.58 0.81 -2.73	31.38 0.86 -1.68	29.56 0.72 -1.30	27.06 0.54 -2.17	23.69 0.45 -2.90
GOUDEY___8 23580	32.78 0.85 -5.33	28.76 0.62 -6.01	27.40 0.57 -6.43	27.03 0.53 -6.13	26.65 0.55 -5.73	27.74 0.57 -6.76	29.12 0.53 -8.03	30.39 0.62 -7.43	32.33 0.73 -7.27	33.28 0.78 -6.57	31.57 0.82 -4.32	29.01 0.70 -3.35	26.21 0.58 -4.01	24.09 0.46 -4.36	24.52 0.51 -3.64	24.36 0.50 -3.82	26.58 0.57 -3.99	33.34 0.76 -5.25	33.08 0.80 -3.79	31.55 0.78 -2.73	31.36 0.84 -1.68	29.54 0.69 -1.30	27.04 0.51 -2.17	23.69 0.45 -2.90
GOWANUS_GT1_1 24077	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT1_2 24078	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT1_3 24079	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT1_4 24080	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT1_5 24084	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT1_6 24111	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT1_7 24112	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT1_8 24113	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT2_1 24114	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT2_2 24115	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT2_3 24116	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95



GOWANUS_GT2_4 24117	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT2_5 24118	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT2_6 24119	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT2_7 24120	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT2_8 24121	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT3_1 24122	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT3_2 24123	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT3_3 24124	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT3_4 24125	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT3_5 24126	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT3_6 24127	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT3_7 24128	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT3_8 24129	45.93 2.90 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.00 2.29 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT4_1 24130	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT4_2 24131	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95



GOWANUS_GT4_3 24132	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT4_4 24133	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT4_5 24134	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT4_6 24135	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT4_7 24136	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GOWANUS_GT4_8 24137	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GREENIDGE___3 23582	30.73 0.90 -3.23	26.36 0.60 -3.64	24.84 0.55 -3.89	24.55 0.47 -3.71	24.37 0.53 -3.47	25.10 0.59 -4.09	25.89 0.47 -4.86	27.52 0.69 -4.50	29.49 0.76 -4.40	30.66 0.75 -3.98	29.82 0.77 -2.61	27.59 0.60 -2.03	24.52 0.47 -2.43	22.24 0.33 -2.64	22.94 0.37 -2.20	22.73 0.38 -2.31	24.90 0.46 -2.41	31.21 0.71 -3.18	31.53 0.74 -2.30	30.39 0.70 -1.65	30.61 0.75 -1.01	28.86 0.52 -0.79	26.01 0.34 -1.31	22.40 0.31 -1.76
GREENIDGE___4 23583	30.73 0.90 -3.23	26.36 0.60 -3.64	24.84 0.55 -3.89	24.55 0.47 -3.71	24.37 0.53 -3.47	25.10 0.59 -4.09	25.89 0.47 -4.86	27.52 0.69 -4.50	29.49 0.76 -4.40	30.66 0.75 -3.98	29.82 0.77 -2.61	27.59 0.60 -2.03	24.52 0.47 -2.43	22.24 0.33 -2.64	22.94 0.37 -2.20	22.73 0.38 -2.31	24.90 0.46 -2.41	31.21 0.71 -3.18	31.53 0.74 -2.30	30.39 0.70 -1.65	30.61 0.75 -1.01	28.86 0.52 -0.79	26.01 0.34 -1.31	22.40 0.31 -1.76
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
GROVEVILLE___HYD 323602	46.17 2.66 -16.91	43.34 2.12 -19.09	42.79 1.98 -20.42	41.82 2.00 -19.45	40.53 1.98 -18.17	43.86 2.00 -21.45	48.11 2.06 -25.50	48.17 2.25 -23.59	50.09 2.70 -23.05	49.61 2.83 -20.84	43.14 3.01 -13.69	38.37 2.77 -10.64	36.72 2.38 -12.73	35.26 2.16 -13.83	34.21 2.28 -11.56	34.37 2.22 -12.11	37.22 2.55 -12.65	47.22 3.22 -16.67	43.89 3.36 -12.04	40.04 3.33 -8.67	37.63 3.46 -5.32	34.81 3.14 -4.12	33.90 2.66 -6.88	31.55 1.99 -9.21
HAMPSHIRE___PAPER_HYD 323593	25.72 -0.88 0.00	21.42 -0.71 0.00	19.72 -0.67 0.00	19.70 -0.67 0.00	19.64 -0.73 0.00	19.68 -0.73 0.00	19.94 -0.62 0.00	21.53 -0.80 0.00	23.51 -0.83 0.00	25.18 -0.75 0.00	25.54 -0.90 0.00	24.07 -0.90 0.00	20.75 -0.87 0.00	18.62 -0.66 0.00	19.72 -0.65 0.00	19.28 -0.76 0.00	21.12 -0.90 0.00	26.42 -0.90 0.00	27.64 -0.85 0.00	27.11 -0.92 0.00	27.78 -1.07 0.00	26.64 -0.91 0.00	23.65 -0.71 0.00	19.79 -0.55 0.00
HARDSCRABBLE_WT_PWR 323673	27.75 1.60 0.44	22.93 1.31 0.50	21.04 1.18 0.53	21.05 1.18 0.51	21.08 1.18 0.47	21.06 1.20 0.56	21.10 1.21 0.66	23.01 1.29 0.61	25.20 1.46 0.59	26.98 1.58 0.54	27.67 1.59 0.35	26.21 1.52 0.27	22.54 1.25 0.33	19.96 1.04 0.36	21.19 1.12 0.30	20.79 1.06 0.31	22.89 1.19 0.33	28.39 1.50 0.43	29.72 1.54 0.31	29.32 1.51 0.23	30.23 1.53 0.14	28.98 1.54 0.11	25.54 1.36 0.18	21.24 1.14 0.24
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.23 2.18 -15.46	41.30 1.73 -17.44	40.69 1.63 -18.66	39.79 1.65 -17.77	38.63 1.65 -16.61	41.68 1.67 -19.60	45.56 1.71 -23.30	45.78 1.90 -21.56	47.66 2.26 -21.07	47.37 2.38 -19.05	41.51 2.56 -12.51	37.06 2.37 -9.72	35.28 2.03 -11.64	33.76 1.85 -12.64	32.89 1.96 -10.56	33.01 1.90 -11.06	35.76 2.18 -11.56	45.29 2.73 -15.24	42.34 2.85 -11.00	38.82 2.86 -7.93	36.68 2.97 -4.86	34.02 2.70 -3.77	32.91 2.27 -6.29	30.45 1.69 -8.42
HARZA MOOSE___RIVER 24016	27.08 0.48 0.00	22.50 0.38 0.00	20.70 0.31 0.00	20.66 0.29 0.00	20.68 0.31 0.00	20.78 0.37 0.00	21.03 0.47 0.00	22.77 0.45 0.00	24.94 0.61 0.00	26.74 0.80 0.00	27.10 0.66 0.00	25.56 0.60 0.00	21.98 0.37 0.00	19.56 0.29 0.00	20.74 0.37 0.00	20.38 0.34 0.00	22.40 0.37 0.00	28.01 0.68 0.00	29.23 0.74 0.00	28.68 0.65 0.00	29.42 0.58 0.00	28.07 0.52 0.00	24.77 0.41 0.00	20.67 0.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.85 2.82 -16.43	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.41 2.16 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.57 2.85 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.04 2.33 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.90 3.39 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95



HEMPSTEAD____ 23647	67.64 3.16 -37.88	65.30 2.52 -40.65	63.01 2.34 -40.27	62.24 2.34 -39.53	60.12 2.34 -37.40	64.10 2.41 -41.28	75.30 2.42 -52.32	76.92 2.70 -51.89	76.67 3.19 -49.15	77.18 3.35 -47.89	52.75 3.44 -22.88	53.52 3.24 -25.31	44.20 2.79 -19.80	41.48 2.49 -19.72	40.85 2.63 -17.84	42.26 2.57 -19.65	47.10 2.93 -22.15	64.09 3.61 -33.16	64.31 3.76 -32.06	59.80 3.78 -27.98	55.27 3.92 -22.50	64.77 3.64 -33.59	40.55 3.14 -13.05	36.51 2.42 -13.75
HICKLING___1 23621	31.84 1.09 -4.16	27.53 0.71 -4.69	26.08 0.67 -5.02	25.72 0.57 -4.78	25.48 0.63 -4.47	26.32 0.63 -5.27	27.35 0.53 -6.27	28.82 0.69 -5.80	30.83 0.83 -5.67	31.89 0.83 -5.12	30.67 0.87 -3.37	28.28 0.70 -2.62	25.30 0.56 -3.13	23.10 0.42 -3.40	23.68 0.47 -2.84	23.48 0.46 -2.98	25.68 0.55 -3.11	32.21 0.79 -4.10	32.25 0.80 -2.96	30.95 0.78 -2.13	31.05 0.90 -1.31	29.22 0.66 -1.01	26.49 0.44 -1.69	23.01 0.41 -2.26
HICKLING___2 23622	31.84 1.09 -4.16	27.53 0.71 -4.69	26.08 0.67 -5.02	25.72 0.57 -4.78	25.48 0.63 -4.47	26.32 0.63 -5.27	27.35 0.53 -6.27	28.82 0.69 -5.80	30.83 0.83 -5.67	31.89 0.83 -5.12	30.67 0.87 -3.37	28.28 0.70 -2.62	25.30 0.56 -3.13	23.10 0.42 -3.40	23.68 0.47 -2.84	23.48 0.46 -2.98	25.68 0.55 -3.11	32.21 0.79 -4.10	32.25 0.80 -2.96	30.95 0.78 -2.13	31.05 0.90 -1.31	29.22 0.66 -1.01	26.49 0.44 -1.69	23.01 0.41 -2.26
HIGH FALLS___HY 23754	44.99 2.21 -16.19	42.17 1.77 -18.27	41.58 1.63 -19.55	40.64 1.65 -18.61	39.42 1.65 -17.40	42.64 1.69 -20.53	46.71 1.75 -24.41	46.81 1.90 -22.58	48.72 2.31 -22.07	48.33 2.44 -19.95	42.14 2.59 -13.11	37.49 2.35 -10.18	35.81 2.01 -12.19	34.36 1.85 -13.24	33.39 1.96 -11.06	33.54 1.90 -11.59	36.33 2.20 -12.11	46.07 2.79 -15.96	42.98 2.96 -11.52	39.25 2.92 -8.30	36.94 3.00 -5.10	34.20 2.70 -3.94	33.21 2.27 -6.59	30.81 1.65 -8.82
HILLBURN___GT 23639	44.42 2.15 -15.67	41.51 1.70 -17.68	40.90 1.59 -18.92	39.99 1.61 -18.01	38.82 1.61 -16.84	41.91 1.63 -19.87	45.86 1.69 -23.62	46.08 1.90 -21.86	47.93 2.24 -21.36	47.61 2.36 -19.31	41.69 2.56 -12.69	37.22 2.40 -9.86	35.46 2.05 -11.80	33.94 1.85 -12.81	33.02 1.94 -10.71	33.16 1.90 -11.22	35.92 2.18 -11.72	45.47 2.71 -15.45	42.47 2.82 -11.15	38.87 2.80 -8.04	36.75 2.97 -4.93	34.07 2.70 -3.82	33.00 2.27 -6.38	30.56 1.69 -8.53
HISHELDN_WT_PWR 323625	30.02 0.53 -2.89	25.52 0.13 -3.26	24.04 0.16 -3.49	23.69 0.00 -3.32	23.58 0.10 -3.10	24.14 0.06 -3.66	24.64 -0.27 -4.36	26.27 -0.09 -4.03	28.13 -0.15 -3.94	29.24 -0.26 -3.56	28.51 -0.26 -2.34	26.46 -0.33 -1.82	23.55 -0.24 -2.18	21.29 -0.35 -2.36	22.00 -0.35 -1.98	21.77 -0.34 -2.07	23.90 -0.29 -2.16	29.79 -0.38 -2.85	30.12 -0.43 -2.06	29.21 -0.31 -1.48	29.49 -0.26 -0.91	27.81 -0.44 -0.70	25.05 -0.49 -1.18	21.51 -0.41 -1.57
HOLTSVILLE_IC_1 23690	49.96 3.38 -19.98	47.14 2.81 -22.20	46.23 2.61 -23.22	45.31 2.63 -22.31	43.93 2.63 -20.93	47.74 2.84 -24.49	59.65 2.86 -36.24	60.48 3.15 -35.00	60.18 3.65 -32.19	58.58 3.84 -28.80	49.98 3.91 -19.63	47.14 3.67 -18.50	43.00 3.20 -18.20	39.76 2.85 -17.63	39.06 3.04 -15.65	40.72 2.97 -17.71	46.45 3.37 -21.06	60.04 4.37 -28.34	61.34 4.56 -28.29	51.45 4.54 -18.87	49.70 4.53 -16.33	48.05 4.16 -16.34	39.38 3.65 -11.37	34.11 2.81 -10.96
HOLTSVILLE_IC_10 23699	50.64 3.57 -20.48	47.83 2.99 -22.72	46.84 2.75 -23.70	45.93 2.77 -22.79	44.53 2.77 -21.38	48.37 3.00 -24.95	60.28 3.04 -36.68	61.14 3.35 -35.47	60.87 3.87 -32.66	59.34 4.07 -29.33	50.31 4.15 -19.72	47.55 3.89 -18.69	43.22 3.37 -18.24	40.00 3.03 -17.70	39.28 3.20 -15.71	40.96 3.15 -17.77	46.66 3.55 -21.09	60.45 4.65 -28.48	61.77 4.87 -28.40	51.99 4.82 -19.13	50.14 4.79 -16.51	48.77 4.41 -16.82	39.62 3.85 -11.42	34.35 2.97 -11.03
HOLTSVILLE_IC_2 23691	49.96 3.38 -19.98	47.14 2.81 -22.20	46.23 2.61 -23.22	45.31 2.63 -22.31	43.93 2.63 -20.93	47.74 2.84 -24.49	59.65 2.86 -36.24	60.48 3.15 -35.00	60.18 3.65 -32.19	58.58 3.84 -28.80	49.98 3.91 -19.63	47.14 3.67 -18.50	43.00 3.20 -18.20	39.76 2.85 -17.63	39.06 3.04 -15.65	40.72 2.97 -17.71	46.45 3.37 -21.06	60.04 4.37 -28.34	61.34 4.56 -28.29	51.45 4.54 -18.87	49.70 4.53 -16.33	48.05 4.16 -16.34	39.38 3.65 -11.37	34.11 2.81 -10.96
HOLTSVILLE_IC_3 23692	49.96 3.38 -19.98	47.14 2.81 -22.20	46.23 2.61 -23.22	45.31 2.63 -22.31	43.93 2.63 -20.93	47.74 2.84 -24.49	59.65 2.86 -36.24	60.48 3.15 -35.00	60.18 3.65 -32.19	58.58 3.84 -28.80	49.98 3.91 -19.63	47.14 3.67 -18.50	43.00 3.20 -18.20	39.76 2.85 -17.63	39.06 3.04 -15.65	40.72 2.97 -17.71	46.45 3.37 -21.06	60.04 4.37 -28.34	61.34 4.56 -28.29	51.45 4.54 -18.87	49.70 4.53 -16.33	48.05 4.16 -16.34	39.38 3.65 -11.37	34.11 2.81 -10.96
HOLTSVILLE_IC_4 23693	49.96 3.38 -19.98	47.14 2.81 -22.20	46.23 2.61 -23.22	45.31 2.63 -22.31	43.93 2.63 -20.93	47.74 2.84 -24.49	59.65 2.86 -36.24	60.48 3.15 -35.00	60.18 3.65 -32.19	58.58 3.84 -28.80	49.98 3.91 -19.63	47.14 3.67 -18.50	43.00 3.20 -18.20	39.76 2.85 -17.63	39.06 3.04 -15.65	40.72 2.97 -17.71	46.45 3.37 -21.06	60.04 4.37 -28.34	61.34 4.56 -28.29	51.45 4.54 -18.87	49.70 4.53 -16.33	48.05 4.16 -16.34	39.38 3.65 -11.37	34.11 2.81 -10.96
HOLTSVILLE_IC_5 23694	49.96 3.38 -19.98	47.14 2.81 -22.20	46.23 2.61 -23.22	45.31 2.63 -22.31	43.93 2.63 -20.93	47.74 2.84 -24.49	59.65 2.86 -36.24	60.48 3.15 -35.00	60.18 3.65 -32.19	58.58 3.84 -28.80	49.98 3.91 -19.63	47.14 3.67 -18.50	43.00 3.20 -18.20	39.76 2.85 -17.63	39.06 3.04 -15.65	40.72 2.97 -17.71	46.45 3.37 -21.06	60.04 4.37 -28.34	61.34 4.56 -28.29	51.45 4.54 -18.87	49.70 4.53 -16.33	48.05 4.16 -16.34	39.38 3.65 -11.37	34.11 2.81 -10.96
HOLTSVILLE_IC_6 23695	50.64 3.57 -20.48	47.83 2.99 -22.72	46.84 2.75 -23.70	45.93 2.77 -22.79	44.53 2.77 -21.38	48.37 3.00 -24.95	60.28 3.04 -36.68	61.14 3.35 -35.47	60.87 3.87 -32.66	59.34 4.07 -29.33	50.31 4.15 -19.72	47.55 3.89 -18.69	43.22 3.37 -18.24	40.00 3.03 -17.70	39.28 3.20 -15.71	40.96 3.15 -17.77	46.66 3.55 -21.09	60.45 4.65 -28.48	61.77 4.87 -28.40	51.99 4.82 -19.13	50.14 4.79 -16.51	48.77 4.41 -16.82	39.62 3.85 -11.42	34.35 2.97 -11.03
HOLTSVILLE_IC_7 23696	50.64 3.57 -20.48	47.83 2.99 -22.72	46.84 2.75 -23.70	45.93 2.77 -22.79	44.53 2.77 -21.38	48.37 3.00 -24.95	60.28 3.04 -36.68	61.14 3.35 -35.47	60.87 3.87 -32.66	59.34 4.07 -29.33	50.31 4.15 -19.72	47.55 3.89 -18.69	43.22 3.37 -18.24	40.00 3.03 -17.70	39.28 3.20 -15.71	40.96 3.15 -17.77	46.66 3.55 -21.09	60.45 4.65 -28.48	61.77 4.87 -28.40	51.99 4.82 -19.13	50.14 4.79 -16.51	48.77 4.41 -16.82	39.62 3.85 -11.42	34.35 2.97 -11.03
HOLTSVILLE_IC_8 23697	50.64 3.57 -20.48	47.83 2.99 -22.72	46.84 2.75 -23.70	45.93 2.77 -22.79	44.53 2.77 -21.38	48.37 3.00 -24.95	60.28 3.04 -36.68	61.14 3.35 -35.47	60.87 3.87 -32.66	59.34 4.07 -29.33	50.31 4.15 -19.72	47.55 3.89 -18.69	43.22 3.37 -18.24	40.00 3.03 -17.70	39.28 3.20 -15.71	40.96 3.15 -17.77	46.66 3.55 -21.09	60.45 4.65 -28.48	61.77 4.87 -28.40	51.99 4.82 -19.13	50.14 4.79 -16.51	48.77 4.41 -16.82	39.62 3.85 -11.42	34.35 2.97 -11.03



HOLTSVILLE_IC_9 23698	50.64 3.57 -20.48	47.83 2.99 -22.72	46.84 2.75 -23.70	45.93 2.77 -22.79	44.53 2.77 -21.38	48.37 3.00 -24.95	60.28 3.04 -36.68	61.14 3.35 -35.47	60.87 3.87 -32.66	59.34 4.07 -29.33	50.31 4.15 -19.72	47.55 3.89 -18.69	43.22 3.37 -18.24	40.00 3.03 -17.70	39.28 3.20 -15.71	40.96 3.15 -17.77	46.66 3.55 -21.09	60.45 4.65 -28.48	61.77 4.87 -28.40	51.99 4.82 -19.13	50.14 4.79 -16.51	48.77 4.41 -16.82	39.62 3.85 -11.42	34.35 2.97 -11.03
HOWARD_WT_PWR 323690	31.34 1.33 -3.42	26.80 0.82 -3.85	25.25 0.73 -4.12	24.87 0.57 -3.93	24.70 0.65 -3.67	25.36 0.61 -4.33	26.09 0.39 -5.15	27.72 0.62 -4.77	29.67 0.68 -4.66	30.80 0.65 -4.21	29.89 0.69 -2.77	27.61 0.50 -2.15	24.59 0.41 -2.57	22.32 0.25 -2.79	23.01 0.31 -2.33	22.81 0.32 -2.45	25.00 0.42 -2.56	31.32 0.63 -3.37	31.58 0.66 -2.43	30.48 0.70 -1.75	30.76 0.84 -1.07	28.99 0.61 -0.83	26.19 0.44 -1.39	22.59 0.39 -1.86
HQ_GEN_CEDARS 23644	25.03 -1.57 0.00	20.91 -1.22 0.00	19.27 -1.12 0.00	19.27 -1.10 0.00	19.19 -1.18 0.00	19.17 -1.25 0.00	19.42 -1.13 0.00	21.03 -1.30 0.00	22.85 -1.49 0.00	24.35 -1.58 0.00	24.77 -1.66 0.00	23.39 -1.57 0.00	20.27 -1.34 0.00	18.19 -1.08 0.00	19.21 -1.16 0.00	18.84 -1.20 0.00	20.66 -1.37 0.00	25.68 -1.64 0.00	26.87 -1.62 0.00	26.41 -1.63 0.00	27.11 -1.73 0.00	26.03 -1.52 0.00	23.14 -1.22 0.00	19.37 -0.98 0.00
HQ_GEN_CEDARS_PROXY 323590	25.03 -1.57 0.00	20.91 -1.22 0.00	19.27 -1.12 0.00	19.27 -1.10 0.00	19.19 -1.18 0.00	19.17 -1.25 0.00	19.23 -1.13 0.20	21.23 -1.30 -0.20	22.85 -1.49 0.00	24.35 -1.58 0.00	24.77 -1.66 0.00	23.39 -1.57 0.00	20.27 -1.34 0.00	18.19 -1.08 0.00	19.21 -1.16 0.00	18.84 -1.20 0.00	20.66 -1.37 0.00	25.68 -1.64 0.00	26.87 -1.62 0.00	26.41 -1.63 0.00	27.11 -1.73 0.00	26.03 -1.52 0.00	23.14 -1.22 0.00	19.37 -0.98 0.00
HQ_GEN_IMPORT 323601	25.66 -0.93 0.00	21.40 -0.73 0.00	19.72 -0.67 0.00	19.72 -0.65 0.00	19.70 -0.67 0.00	19.72 -0.69 0.00	19.72 -0.64 0.20	21.79 -0.74 -0.20	23.48 -0.85 0.00	25.03 -0.91 0.00	25.51 -0.93 0.00	24.09 -0.87 0.00	20.88 -0.73 0.00	18.66 -0.62 0.00	19.72 -0.65 0.00	19.40 -0.64 0.00	21.30 -0.73 0.00	26.42 -0.90 0.00	27.56 -0.94 0.00	27.11 -0.92 0.00	27.89 -0.95 0.00	26.70 -0.85 0.00	23.63 -0.73 0.00	19.75 -0.59 0.00
HQ_GEN_WHEEL 23651	25.66 -0.93 0.00	21.40 -0.73 0.00	19.72 -0.67 0.00	19.72 -0.65 0.00	19.70 -0.67 0.00	19.72 -0.69 0.00	19.72 -0.64 0.20	21.79 -0.74 -0.20	23.48 -0.85 0.00	25.03 -0.91 0.00	25.51 -0.93 0.00	24.09 -0.87 0.00	20.88 -0.73 0.00	18.66 -0.62 0.00	19.72 -0.65 0.00	19.40 -0.64 0.00	21.30 -0.73 0.00	26.42 -0.90 0.00	27.56 -0.94 0.00	27.11 -0.92 0.00	27.89 -0.95 0.00	26.70 -0.85 0.00	23.63 -0.73 0.00	19.75 -0.59 0.00
HUDSON_AVE_GT_3 23810	45.74 2.71 -16.43	42.81 2.15 -18.54	42.20 1.98 -19.83	41.27 2.02 -18.88	40.06 2.04 -17.65	43.30 2.06 -20.83	47.41 2.10 -24.76	47.67 2.43 -22.91	49.57 2.85 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.30 2.99 -10.35	36.55 2.57 -12.37	35.00 2.29 -13.43	34.02 2.42 -11.22	34.16 2.36 -11.76	37.01 2.71 -12.28	46.82 3.30 -16.19	43.63 3.45 -11.69	39.93 3.48 -8.42	37.65 3.63 -5.17	34.90 3.33 -4.02	33.89 2.85 -6.68	31.44 2.16 -8.94
HUDSON_AVE_GT_4 23540	45.74 2.71 -16.43	42.81 2.15 -18.54	42.20 1.98 -19.83	41.27 2.02 -18.88	40.06 2.04 -17.65	43.30 2.06 -20.83	47.41 2.10 -24.76	47.67 2.43 -22.91	49.57 2.85 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.30 2.99 -10.35	36.55 2.57 -12.37	35.00 2.29 -13.43	34.02 2.42 -11.22	34.16 2.36 -11.76	37.01 2.71 -12.28	46.82 3.30 -16.19	43.63 3.45 -11.69	39.93 3.48 -8.42	37.65 3.63 -5.17	34.90 3.33 -4.02	33.89 2.85 -6.68	31.44 2.16 -8.94
HUDSON_AVE_GT_5 23657	45.74 2.71 -16.43	42.81 2.15 -18.54	42.20 1.98 -19.83	41.27 2.02 -18.88	40.06 2.04 -17.65	43.30 2.06 -20.83	47.41 2.10 -24.76	47.67 2.43 -22.91	49.57 2.85 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.30 2.99 -10.35	36.55 2.57 -12.37	35.00 2.29 -13.43	34.02 2.42 -11.22	34.16 2.36 -11.76	37.01 2.71 -12.28	46.82 3.30 -16.19	43.63 3.45 -11.69	39.93 3.48 -8.42	37.65 3.63 -5.17	34.90 3.33 -4.02	33.89 2.85 -6.68	31.44 2.16 -8.94
HUDSON_AVE_10 24168	45.68 2.66 -16.43	42.77 2.10 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.63 2.39 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.10 2.30 -11.76	36.95 2.64 -12.28	46.76 3.25 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.56 3.55 -5.17	34.84 3.28 -4.02	33.87 2.82 -6.68	31.42 2.14 -8.94
HUNTER_MOUNT___DRP 323613	47.41 2.95 -17.86	44.69 2.41 -20.15	44.18 2.22 -21.56	43.10 2.20 -20.53	41.79 2.22 -19.19	45.26 2.21 -22.64	49.73 2.26 -26.92	49.57 2.34 -24.90	51.47 2.80 -24.34	50.92 2.98 -22.00	43.90 3.01 -14.45	38.89 2.70 -11.23	37.37 2.31 -13.44	36.05 2.18 -14.60	34.87 2.30 -12.20	35.07 2.24 -12.78	37.91 2.53 -13.35	48.23 3.30 -17.60	44.71 3.50 -12.71	40.55 3.36 -9.16	37.87 3.40 -5.62	35.04 3.14 -4.35	34.33 2.70 -7.27	32.16 2.10 -9.72
HUNTINGTON_RES_REC 323705	50.65 3.43 -20.62	47.78 2.79 -22.86	46.81 2.59 -23.83	45.90 2.61 -22.92	44.50 2.61 -21.51	48.24 2.74 -25.09	60.14 2.77 -36.81	61.01 3.08 -35.60	60.73 3.60 -32.80	59.21 3.79 -29.49	49.94 3.75 -19.75	47.33 3.62 -18.75	42.98 3.11 -18.25	39.78 2.79 -17.71	39.05 2.95 -15.73	40.71 2.89 -17.78	46.40 3.28 -21.09	59.88 4.04 -28.51	61.13 4.22 -28.42	51.49 4.26 -19.20	49.75 4.36 -16.55	48.58 4.08 -16.95	39.34 3.56 -11.43	34.13 2.73 -11.06
HUNTLEY___63 23557	29.61 0.50 -2.51	25.05 0.09 -2.84	23.57 0.14 -3.04	23.22 -0.04 -2.89	23.18 0.10 -2.70	23.62 0.02 -3.19	23.87 -0.47 -3.79	25.52 -0.31 -3.51	27.32 -0.44 -3.43	28.44 -0.60 -3.10	27.87 -0.61 -2.04	25.95 -0.60 -1.58	23.03 -0.48 -1.89	20.73 -0.60 -2.06	21.50 -0.59 -1.72	21.24 -0.60 -1.80	23.35 -0.55 -1.88	29.04 -0.76 -2.48	29.43 -0.85 -1.79	28.65 -0.67 -1.29	28.97 -0.66 -0.79	27.31 -0.85 -0.61	24.58 -0.80 -1.02	21.00 -0.71 -1.37
HUNTLEY___64 23558	29.61 0.50 -2.51	25.05 0.09 -2.84	23.57 0.14 -3.04	23.22 -0.04 -2.89	23.18 0.10 -2.70	23.62 0.02 -3.19	23.87 -0.47 -3.79	25.52 -0.31 -3.51	27.32 -0.44 -3.43	28.44 -0.60 -3.10	27.87 -0.61 -2.04	25.95 -0.60 -1.58	23.03 -0.48 -1.89	20.73 -0.60 -2.06	21.50 -0.59 -1.72	21.24 -0.60 -1.80	23.35 -0.55 -1.88	29.04 -0.76 -2.48	29.43 -0.85 -1.79	28.65 -0.67 -1.29	28.97 -0.66 -0.79	27.31 -0.85 -0.61	24.58 -0.80 -1.02	21.00 -0.71 -1.37
HUNTLEY___65 23559	29.61 0.50 -2.51	25.05 0.09 -2.84	23.57 0.14 -3.04	23.22 -0.04 -2.89	23.18 0.10 -2.70	23.62 0.02 -3.19	23.87 -0.47 -3.79	25.52 -0.31 -3.51	27.32 -0.44 -3.43	28.44 -0.60 -3.10	27.87 -0.61 -2.04	25.95 -0.60 -1.58	23.03 -0.48 -1.89	20.73 -0.60 -2.06	21.50 -0.59 -1.72	21.24 -0.60 -1.80	23.35 -0.55 -1.88	29.04 -0.76 -2.48	29.43 -0.85 -1.79	28.65 -0.67 -1.29	28.97 -0.66 -0.79	27.31 -0.85 -0.61	24.58 -0.80 -1.02	21.00 -0.71 -1.37



HUNTLEY___66 23560	29.61 0.50 -2.51	25.05 0.09 -2.84	23.57 0.14 -3.04	23.22 -0.04 -2.89	23.18 0.10 -2.70	23.62 0.02 -3.19	23.87 -0.47 -3.79	25.52 -0.31 -3.51	27.32 -0.44 -3.43	28.44 -0.60 -3.10	27.87 -0.61 -2.04	25.95 -0.60 -1.58	23.03 -0.48 -1.89	20.73 -0.60 -2.06	21.50 -0.59 -1.72	21.24 -0.60 -1.80	23.35 -0.55 -1.88	29.04 -0.76 -2.48	29.43 -0.85 -1.79	28.65 -0.67 -1.29	28.97 -0.66 -0.79	27.31 -0.85 -0.61	24.58 -0.80 -1.02	21.00 -0.71 -1.37
HUNTLEY___67 23561	29.29 0.13 -2.56	24.82 -0.20 -2.89	23.36 -0.12 -3.09	23.01 -0.31 -2.95	22.95 -0.18 -2.75	23.42 -0.24 -3.25	23.78 -0.64 -3.86	25.43 -0.47 -3.58	27.22 -0.61 -3.49	28.32 -0.78 -3.16	27.75 -0.77 -2.08	25.80 -0.77 -1.61	22.94 -0.60 -1.93	20.68 -0.69 -2.10	21.43 -0.69 -1.75	21.17 -0.70 -1.84	23.26 -0.68 -1.92	28.92 -0.93 -2.53	29.29 -1.02 -1.82	28.48 -0.87 -1.31	28.81 -0.84 -0.81	27.18 -0.99 -0.62	24.45 -0.95 -1.04	20.92 -0.81 -1.40
HUNTLEY___68 23562	29.29 0.13 -2.56	24.82 -0.20 -2.89	23.36 -0.12 -3.09	23.01 -0.31 -2.95	22.95 -0.18 -2.75	23.42 -0.24 -3.25	23.78 -0.64 -3.86	25.43 -0.47 -3.58	27.22 -0.61 -3.49	28.32 -0.78 -3.16	27.75 -0.77 -2.08	25.80 -0.77 -1.61	22.94 -0.60 -1.93	20.68 -0.69 -2.10	21.43 -0.69 -1.75	21.17 -0.70 -1.84	23.26 -0.68 -1.92	28.92 -0.93 -2.53	29.29 -1.02 -1.82	28.48 -0.87 -1.31	28.81 -0.84 -0.81	27.18 -0.99 -0.62	24.45 -0.95 -1.04	20.92 -0.81 -1.40
HYLAND___LFGE 323620	31.09 1.68 -2.81	26.45 1.15 -3.17	24.83 1.04 -3.40	24.52 0.92 -3.23	24.42 1.02 -3.02	25.23 1.25 -3.57	25.72 0.93 -4.24	27.75 1.50 -3.92	29.48 1.31 -3.84	30.67 1.27 -3.47	30.04 1.32 -2.28	27.91 1.17 -1.77	24.77 1.04 -2.12	22.19 0.62 -2.30	22.97 0.67 -1.92	22.72 0.66 -2.01	24.94 0.82 -2.10	31.41 1.31 -2.77	31.81 1.31 -2.00	30.71 1.23 -1.44	31.03 1.30 -0.89	29.17 0.94 -0.69	26.21 0.71 -1.14	22.54 0.67 -1.53
INDECK___CORINTH 23802	50.58 1.97 -22.01	48.56 1.59 -24.84	48.42 1.45 -26.58	47.06 1.39 -25.31	45.42 1.39 -23.65	49.75 1.43 -27.91	55.13 1.40 -33.18	54.69 1.59 -30.78	56.24 1.83 -30.08	55.10 1.97 -27.20	46.44 2.14 -17.87	40.89 2.05 -13.88	40.15 1.92 -16.61	38.94 1.62 -18.04	37.16 1.71 -15.08	37.52 1.68 -15.80	40.31 1.78 -16.50	51.40 2.38 -21.70	46.50 2.34 -15.67	41.62 2.30 -11.29	38.08 2.31 -6.93	35.03 2.12 -5.36	35.19 1.88 -8.96	33.79 1.47 -11.99
INDECK___ILION 23567	27.14 0.98 0.44	22.42 0.80 0.50	20.59 0.73 0.53	20.58 0.71 0.51	20.62 0.71 0.47	20.59 0.73 0.56	20.63 0.74 0.66	22.50 0.78 0.61	24.64 0.90 0.59	26.38 0.99 0.54	27.06 0.98 0.35	25.64 0.95 0.27	22.06 0.78 0.33	19.57 0.66 0.36	20.77 0.69 0.30	20.41 0.68 0.31	22.45 0.75 0.33	27.85 0.96 0.43	29.15 0.97 0.31	28.76 0.95 0.23	29.69 0.98 0.14	28.41 0.96 0.11	25.03 0.85 0.18	20.81 0.71 0.24
INDECK___OLEAN 23982	30.48 0.88 -3.01	25.94 0.42 -3.40	24.48 0.45 -3.64	24.12 0.29 -3.46	23.98 0.37 -3.23	24.50 0.26 -3.82	25.17 0.08 -4.54	26.75 0.22 -4.20	28.71 0.27 -4.11	29.83 0.18 -3.71	29.11 0.24 -2.44	26.96 0.10 -1.89	23.99 0.11 -2.27	21.72 -0.02 -2.46	22.45 0.02 -2.06	22.18 -0.02 -2.16	24.36 0.09 -2.25	30.37 0.08 -2.97	30.61 -0.03 -2.14	29.72 0.14 -1.54	30.14 0.35 -0.95	28.31 0.03 -0.73	25.41 -0.17 -1.22	21.94 -0.04 -1.64
INDECK___OSWEGO 23783	27.44 -0.40 -1.24	23.22 -0.31 -1.40	21.60 -0.29 -1.50	21.49 -0.31 -1.42	21.40 -0.31 -1.33	21.70 -0.29 -1.57	22.07 -0.35 -1.87	23.68 -0.38 -1.73	25.61 -0.41 -1.69	27.02 -0.44 -1.53	26.97 -0.48 -1.00	25.29 -0.45 -0.78	22.16 -0.39 -0.93	19.90 -0.39 -1.01	20.81 -0.41 -0.85	20.53 -0.40 -0.89	22.51 -0.44 -0.93	28.03 -0.52 -1.22	28.81 -0.57 -0.88	28.11 -0.56 -0.64	28.63 -0.61 -0.39	27.25 -0.61 -0.30	24.33 -0.54 -0.50	20.61 -0.41 -0.67
INDECK___YERKES 23781	29.67 0.56 -2.51	25.07 0.11 -2.84	23.59 0.16 -3.04	23.24 -0.02 -2.89	23.20 0.12 -2.70	23.64 0.04 -3.19	23.89 -0.45 -3.79	25.55 -0.29 -3.51	27.35 -0.41 -3.43	28.47 -0.57 -3.10	27.89 -0.58 -2.04	25.97 -0.57 -1.58	23.05 -0.45 -1.89	20.75 -0.58 -2.06	21.52 -0.57 -1.72	21.26 -0.58 -1.80	23.37 -0.53 -1.88	29.07 -0.74 -2.48	29.46 -0.83 -1.79	28.68 -0.64 -1.29	29.00 -0.63 -0.79	27.34 -0.83 -0.61	24.60 -0.78 -1.02	21.02 -0.69 -1.37
INDIAN POINT_GT_1 24139	45.06 2.21 -16.26	42.22 1.75 -18.35	41.66 1.63 -19.63	40.72 1.65 -18.69	39.50 1.65 -17.47	42.71 1.67 -20.62	46.77 1.71 -24.51	46.97 1.97 -22.68	48.81 2.31 -22.17	48.39 2.41 -20.04	42.22 2.62 -13.16	37.64 2.45 -10.23	35.95 2.10 -12.24	34.44 1.87 -13.30	33.46 1.98 -11.11	33.61 1.92 -11.64	36.41 2.22 -12.16	46.11 2.76 -16.03	42.92 2.85 -11.57	39.23 2.86 -8.34	36.96 3.00 -5.12	34.27 2.75 -3.96	33.29 2.32 -6.62	30.92 1.73 -8.85
INDIAN POINT_GT_2 23659	45.06 2.21 -16.26	42.22 1.75 -18.35	41.66 1.63 -19.63	40.72 1.65 -18.69	39.50 1.65 -17.47	42.71 1.67 -20.62	46.77 1.71 -24.51	46.97 1.97 -22.68	48.81 2.31 -22.17	48.39 2.41 -20.04	42.22 2.62 -13.16	37.64 2.45 -10.23	35.95 2.10 -12.24	34.44 1.87 -13.30	33.46 1.98 -11.11	33.61 1.92 -11.64	36.41 2.22 -12.16	46.11 2.76 -16.03	42.92 2.85 -11.57	39.23 2.86 -8.34	36.96 3.00 -5.12	34.27 2.75 -3.96	33.29 2.32 -6.62	30.92 1.73 -8.85
INDIAN POINT_GT_3 24019	45.06 2.21 -16.26	42.22 1.75 -18.35	41.66 1.63 -19.63	40.72 1.65 -18.69	39.50 1.65 -17.47	42.71 1.67 -20.62	46.77 1.71 -24.51	46.97 1.97 -22.68	48.81 2.31 -22.17	48.39 2.41 -20.04	42.22 2.62 -13.16	37.64 2.45 -10.23	35.95 2.10 -12.24	34.44 1.87 -13.30	33.46 1.98 -11.11	33.61 1.92 -11.64	36.41 2.22 -12.16	46.11 2.76 -16.03	42.92 2.85 -11.57	39.23 2.86 -8.34	36.96 3.00 -5.12	34.27 2.75 -3.96	33.29 2.32 -6.62	30.92 1.73 -8.85
INDIAN POINT___2 23530	44.75 2.10 -16.05	41.90 1.66 -18.12	41.33 1.55 -19.38	40.40 1.57 -18.45	39.19 1.57 -17.25	42.36 1.59 -20.35	46.38 1.62 -24.20	46.60 1.88 -22.39	48.43 2.21 -21.88	48.03 2.31 -19.78	41.95 2.51 -13.00	37.41 2.35 -10.10	35.71 2.01 -12.09	34.21 1.81 -13.13	33.26 1.91 -10.97	33.40 1.86 -11.49	36.16 2.14 -12.01	45.77 2.62 -15.82	42.66 2.74 -11.42	39.01 2.75 -8.23	36.78 2.88 -5.05	34.11 2.65 -3.91	33.13 2.24 -6.53	30.75 1.67 -8.74
INDIAN POINT___3 23531	44.97 2.10 -16.27	42.15 1.66 -18.36	41.59 1.55 -19.64	40.64 1.57 -18.70	39.43 1.57 -17.48	42.63 1.59 -20.63	46.72 1.64 -24.52	46.90 1.88 -22.69	48.72 2.21 -22.18	48.29 2.31 -20.05	42.12 2.51 -13.17	37.54 2.35 -10.23	35.89 2.03 -12.25	34.39 1.81 -13.30	33.40 1.91 -11.12	33.55 1.86 -11.65	36.32 2.14 -12.17	45.98 2.62 -16.04	42.81 2.74 -11.58	39.12 2.75 -8.34	36.85 2.88 -5.12	34.16 2.65 -3.96	33.22 2.24 -6.62	30.87 1.67 -8.86
IP CORINTH___1 23988	50.74 2.13 -22.01	48.69 1.73 -24.84	48.54 1.57 -26.58	47.19 1.51 -25.31	45.54 1.51 -23.65	49.88 1.55 -27.91	55.26 1.52 -33.18	54.83 1.72 -30.78	56.38 1.97 -30.08	55.26 2.13 -27.20	46.58 2.27 -17.87	41.04 2.20 -13.88	40.28 2.05 -16.61	39.05 1.74 -18.04	37.28 1.83 -15.08	37.64 1.80 -15.80	40.44 1.92 -16.50	51.56 2.54 -21.70	46.67 2.51 -15.67	41.79 2.47 -11.29	38.25 2.48 -6.93	35.20 2.29 -5.36	35.31 2.00 -8.96	33.92 1.59 -11.99



IP__TICONDEROGA 23804	50.83 3.14 -21.09	48.47 2.54 -23.80	48.19 2.32 -25.47	46.90 2.28 -24.25	45.36 2.32 -22.67	49.49 2.33 -26.75	54.65 2.30 -31.80	54.61 2.81 -29.47	56.32 3.19 -28.80	55.40 3.42 -26.04	47.32 3.78 -17.10	41.85 3.60 -13.29	40.65 3.13 -15.91	39.28 2.74 -17.28	37.72 2.91 -14.44	38.05 2.89 -15.12	41.19 3.37 -15.80	52.32 4.21 -20.79	47.78 4.27 -15.01	42.97 4.12 -10.82	39.69 4.21 -6.64	36.55 3.86 -5.14	36.11 3.17 -8.58	34.37 2.54 -11.49
ISLIP_RES_REC 323679	51.15 3.75 -20.80	48.31 3.14 -23.05	47.29 2.89 -24.00	46.38 2.91 -23.09	44.97 2.91 -21.68	48.81 3.14 -25.25	60.71 3.19 -36.97	61.62 3.53 -35.77	61.37 4.06 -32.97	59.89 4.28 -29.68	50.58 4.36 -19.78	47.85 4.07 -18.81	43.41 3.52 -18.27	40.17 3.16 -17.74	39.47 3.34 -15.76	41.12 3.27 -17.81	46.85 3.72 -21.11	60.75 4.86 -28.57	62.07 5.10 -28.47	52.37 5.04 -19.30	50.49 5.02 -16.63	49.30 4.63 -17.13	39.82 4.02 -11.45	34.52 3.09 -11.08
JARVIS____ 23743	26.42 0.27 0.44	21.85 0.22 0.50	20.06 0.20 0.53	20.05 0.18 0.51	20.11 0.20 0.47	20.06 0.20 0.56	20.10 0.21 0.66	21.94 0.22 0.61	24.01 0.27 0.59	25.68 0.29 0.54	26.38 0.29 0.35	24.96 0.28 0.27	21.50 0.22 0.33	19.09 0.17 0.36	20.28 0.20 0.30	19.93 0.20 0.31	21.92 0.22 0.33	27.19 0.30 0.43	28.50 0.31 0.31	28.11 0.31 0.23	28.99 0.29 0.14	27.72 0.28 0.11	24.42 0.24 0.18	20.29 0.18 0.24
JENNISON____1 23625	34.33 2.02 -5.72	30.15 1.57 -6.45	28.70 1.41 -6.90	28.33 1.39 -6.57	27.95 1.43 -6.14	29.20 1.53 -7.25	30.84 1.66 -8.62	32.10 1.79 -7.98	34.25 2.12 -7.80	35.40 2.41 -7.05	33.40 2.33 -4.63	30.66 2.10 -3.60	27.54 1.62 -4.31	25.32 1.37 -4.68	25.77 1.49 -3.91	25.62 1.48 -4.10	27.95 1.65 -4.28	35.28 2.32 -5.64	35.01 2.45 -4.07	33.29 2.33 -2.93	32.98 2.34 -1.80	31.01 2.07 -1.39	28.34 1.66 -2.33	24.78 1.32 -3.11
JENNISON____2 23626	34.33 2.02 -5.72	30.15 1.57 -6.45	28.70 1.41 -6.90	28.33 1.39 -6.57	27.95 1.43 -6.14	29.20 1.53 -7.25	30.84 1.66 -8.62	32.10 1.79 -7.98	34.25 2.12 -7.80	35.40 2.41 -7.05	33.40 2.33 -4.63	30.66 2.10 -3.60	27.54 1.62 -4.31	25.32 1.37 -4.68	25.77 1.49 -3.91	25.62 1.48 -4.10	27.95 1.65 -4.28	35.28 2.32 -5.64	35.01 2.45 -4.07	33.29 2.33 -2.93	32.98 2.34 -1.80	31.01 2.07 -1.39	28.34 1.66 -2.33	24.78 1.32 -3.11
JERICOHO_RISE_WT_PWR 323719	25.13 -1.46 0.00	21.00 -1.13 0.00	19.39 -1.00 0.00	19.42 -0.96 0.00	19.36 -1.02 0.00	19.35 -1.06 0.00	19.59 -0.97 0.00	21.26 -1.07 0.00	23.07 -1.27 0.00	24.48 -1.45 0.00	24.96 -1.48 0.00	23.51 -1.45 0.00	20.38 -1.23 0.00	18.29 -0.98 0.00	19.33 -1.04 0.00	19.02 -1.02 0.00	20.92 -1.10 0.00	25.90 -1.42 0.00	27.21 -1.28 0.00	26.74 -1.29 0.00	27.57 -1.27 0.00	26.50 -1.05 0.00	23.56 -0.80 0.00	19.75 -0.59 0.00
KEDC_PORT_JEFF_GT2 24210	50.41 3.51 -20.31	47.61 2.94 -22.54	46.63 2.71 -23.53	45.72 2.73 -22.62	44.33 2.73 -21.22	48.16 2.96 -24.79	60.06 2.98 -36.53	60.93 3.30 -35.30	60.65 3.82 -32.50	59.10 4.02 -29.15	50.23 4.10 -19.69	47.43 3.84 -18.62	43.19 3.35 -18.23	39.94 2.99 -17.67	39.22 3.16 -15.69	40.90 3.11 -17.75	46.62 3.52 -21.08	60.34 4.59 -28.43	61.64 4.79 -28.36	51.81 4.74 -19.04	50.02 4.73 -16.44	48.55 4.35 -16.65	39.55 3.80 -11.40	34.28 2.93 -11.01
KEDC_PORT_JEFF_GT3 24211	50.41 3.51 -20.31	47.61 2.94 -22.54	46.63 2.71 -23.53	45.72 2.73 -22.62	44.33 2.73 -21.22	48.16 2.96 -24.79	60.06 2.98 -36.53	60.93 3.30 -35.30	60.65 3.82 -32.50	59.10 4.02 -29.15	50.23 4.10 -19.69	47.43 3.84 -18.62	43.19 3.35 -18.23	39.94 2.99 -17.67	39.22 3.16 -15.69	40.90 3.11 -17.75	46.62 3.52 -21.08	60.34 4.59 -28.43	61.64 4.79 -28.36	51.81 4.74 -19.04	50.02 4.73 -16.44	48.55 4.35 -16.65	39.55 3.80 -11.40	34.28 2.93 -11.01
KEDC_GLWD_GT4 24219	64.89 3.03 -35.27	62.49 2.41 -37.95	60.42 2.24 -37.78	59.63 2.24 -37.01	57.61 2.24 -34.99	61.55 2.31 -38.83	72.85 2.32 -49.97	74.37 2.61 -49.43	74.08 3.07 -46.68	74.26 3.22 -45.11	52.20 3.36 -22.41	52.45 3.17 -24.32	43.61 2.72 -19.28	40.74 2.43 -19.04	40.07 2.57 -17.13	41.57 2.50 -19.02	46.68 2.86 -21.79	62.90 3.33 -32.24	62.97 3.48 -31.00	57.64 3.50 -26.10	53.34 3.84 -20.66	62.17 3.56 -31.07	39.88 3.02 -12.50	36.00 2.32 -13.34
KEDC_GLWD_GT5 24220	64.89 3.03 -35.27	62.49 2.41 -37.95	60.42 2.24 -37.78	59.63 2.24 -37.01	57.61 2.24 -34.99	61.55 2.31 -38.83	72.85 2.32 -49.97	74.37 2.61 -49.43	74.08 3.07 -46.68	74.26 3.22 -45.11	52.20 3.36 -22.41	52.45 3.17 -24.32	43.61 2.72 -19.28	40.74 2.43 -19.04	40.07 2.57 -17.13	41.57 2.50 -19.02	46.68 2.86 -21.79	62.90 3.33 -32.24	62.97 3.48 -31.00	57.64 3.50 -26.10	53.34 3.84 -20.66	62.17 3.56 -31.07	39.88 3.02 -12.50	36.00 2.32 -13.34
KENSICO____ 23655	45.38 2.39 -16.39	42.53 1.90 -18.50	41.96 1.77 -19.79	41.01 1.79 -18.84	39.78 1.79 -17.61	43.01 1.82 -20.78	47.11 1.85 -24.71	47.31 2.12 -22.86	49.16 2.48 -22.34	48.73 2.59 -20.20	42.51 2.80 -13.27	37.89 2.62 -10.31	36.22 2.27 -12.34	34.70 2.02 -13.40	33.71 2.14 -11.20	33.86 2.08 -11.73	36.66 2.38 -12.26	46.43 2.95 -16.16	43.21 3.05 -11.66	39.49 3.06 -8.41	37.23 3.23 -5.16	34.49 2.95 -3.99	33.54 2.51 -6.67	31.14 1.87 -8.92
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.26 2.23 -15.43	41.33 1.79 -17.41	40.70 1.67 -18.63	39.80 1.69 -17.74	38.65 1.69 -16.58	41.69 1.72 -19.56	45.60 1.79 -23.26	45.77 1.92 -21.52	47.70 2.34 -21.03	47.44 2.49 -19.01	41.55 2.62 -12.49	37.06 2.40 -9.70	35.28 2.05 -11.62	33.78 1.89 -12.62	32.89 1.98 -10.54	33.01 1.92 -11.05	35.81 2.25 -11.54	45.37 2.84 -15.21	42.49 3.02 -10.98	38.91 2.97 -7.91	36.76 3.06 -4.86	34.06 2.75 -3.76	32.93 2.29 -6.28	30.43 1.69 -8.40
KIAC_JFK_GT1 23816	45.74 2.71 -16.43	42.79 2.12 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.41 2.10 -24.76	47.69 2.46 -22.91	49.62 2.89 -22.39	49.21 3.03 -20.24	42.80 3.07 -13.30	38.13 2.82 -10.35	36.40 2.42 -12.37	34.88 2.18 -13.43	33.90 2.30 -11.22	34.04 2.24 -11.76	36.90 2.60 -12.28	46.74 3.22 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.53 3.52 -5.17	34.79 3.22 -4.02	33.91 2.87 -6.68	31.48 2.20 -8.94
KIAC_JFK_GT2 23817	45.74 2.71 -16.43	42.79 2.12 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.41 2.10 -24.76	47.69 2.46 -22.91	49.62 2.89 -22.39	49.21 3.03 -20.24	42.80 3.07 -13.30	38.13 2.82 -10.35	36.40 2.42 -12.37	34.88 2.18 -13.43	33.90 2.30 -11.22	34.04 2.24 -11.76	36.90 2.60 -12.28	46.74 3.22 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.53 3.52 -5.17	34.79 3.22 -4.02	33.91 2.87 -6.68	31.48 2.20 -8.94
KINTIGH____ 23543	28.51 -0.27 -2.18	24.16 -0.42 -2.46	22.67 -0.35 -2.63	22.41 -0.47 -2.50	22.31 -0.41 -2.34	22.79 -0.39 -2.76	23.10 -0.74 -3.28	24.78 -0.58 -3.04	26.55 -0.75 -2.97	27.69 -0.93 -2.68	27.25 -0.95 -1.76	25.41 -0.92 -1.37	22.52 -0.73 -1.64	20.26 -0.79 -1.78	21.05 -0.82 -1.49	20.78 -0.82 -1.56	22.81 -0.84 -1.63	28.40 -1.07 -2.15	28.85 -1.20 -1.55	28.08 -1.07 -1.12	28.46 -1.07 -0.69	26.90 -1.18 -0.53	24.15 -1.10 -0.89	20.63 -0.89 -1.19



LEDERLE____ 23769	44.63 2.21 -15.82	41.73 1.75 -17.86	41.15 1.65 -19.11	40.23 1.67 -18.19	39.05 1.67 -17.00	42.17 1.69 -20.06	46.13 1.73 -23.85	46.37 1.97 -22.07	48.22 2.31 -21.57	47.88 2.44 -19.50	41.87 2.62 -12.81	37.36 2.45 -9.95	35.64 2.12 -11.91	34.10 1.89 -12.94	33.18 2.00 -10.81	33.31 1.94 -11.33	36.10 2.25 -11.83	45.71 2.79 -15.60	42.66 2.91 -11.26	39.03 2.89 -8.12	36.88 3.06 -4.98	34.19 2.78 -3.86	33.14 2.34 -6.44	30.71 1.75 -8.62
LINDEN COGEN____ 23786	45.50 2.47 -16.43	42.61 1.95 -18.54	42.04 1.81 -19.83	41.11 1.85 -18.88	38.18 1.90 -15.91	38.18 1.94 -15.83	40.53 1.97 -18.00	44.20 2.28 -19.60	41.38 2.70 -14.35	38.18 2.83 -9.42	38.18 3.01 -8.73	38.18 2.87 -10.35	36.46 2.48 -12.37	34.90 2.20 -13.43	33.92 2.32 -11.22	34.06 2.26 -11.76	36.88 2.58 -12.28	46.66 3.14 -16.19	43.40 3.22 -11.69	39.73 3.28 -8.42	37.47 3.46 -5.17	34.76 3.19 -4.02	33.75 2.70 -6.68	31.34 2.05 -8.94
LIPA_MISC_IPP 23656	50.06 3.41 -20.06	47.36 2.94 -22.29	46.43 2.73 -23.30	45.49 2.73 -22.38	44.11 2.73 -21.00	48.02 3.04 -24.56	59.94 3.08 -36.31	60.77 3.37 -35.07	60.45 3.84 -32.27	58.85 4.02 -28.89	50.23 4.15 -19.65	47.39 3.89 -18.53	43.23 3.41 -18.20	39.96 3.04 -17.64	39.27 3.24 -15.66	40.95 3.19 -17.72	46.67 3.59 -21.06	60.42 4.73 -28.37	61.76 4.96 -28.31	51.85 4.90 -18.92	50.02 4.82 -16.36	48.40 4.44 -16.42	39.63 3.90 -11.37	34.32 3.01 -10.97
LISF____SOLAR 323691	50.22 3.48 -20.14	47.50 3.01 -22.36	46.56 2.79 -23.37	45.64 2.81 -22.45	44.23 2.79 -21.07	48.17 3.12 -24.63	60.07 3.14 -36.37	60.93 3.46 -35.14	60.59 3.92 -32.34	59.03 4.12 -28.97	50.35 4.26 -19.66	47.52 3.99 -18.56	43.30 3.48 -18.21	40.05 3.12 -17.65	39.34 3.30 -15.67	41.02 3.25 -17.73	46.77 3.68 -21.07	60.57 4.86 -28.39	61.92 5.10 -28.32	52.03 5.04 -18.95	50.16 4.93 -16.38	48.58 4.54 -16.49	39.73 4.00 -11.38	34.39 3.07 -10.98
LITTLE FALLS____HYD 24013	28.07 1.92 0.44	23.20 1.57 0.50	21.31 1.45 0.53	21.29 1.43 0.51	21.33 1.43 0.47	21.31 1.45 0.56	21.35 1.46 0.66	23.28 1.56 0.61	25.49 1.75 0.59	27.29 1.89 0.54	27.99 1.90 0.35	26.51 1.82 0.27	22.82 1.53 0.33	20.17 1.25 0.36	21.42 1.34 0.30	21.03 1.30 0.31	23.13 1.43 0.33	28.69 1.80 0.43	30.03 1.85 0.31	29.63 1.82 0.23	30.58 1.87 0.14	29.32 1.87 0.11	25.86 1.68 0.18	21.51 1.40 0.24
LI_NEWBRDGE____DRP 323616	46.79 3.06 -17.14	43.85 2.46 -19.27	43.19 2.28 -20.51	42.24 2.30 -19.57	40.98 2.30 -18.30	44.62 2.39 -21.82	56.64 2.40 -33.68	57.27 2.63 -32.31	56.94 3.12 -29.50	54.97 3.27 -25.77	48.86 3.30 -19.11	45.50 3.12 -17.42	42.24 2.70 -17.92	38.96 2.41 -17.28	38.20 2.55 -15.28	39.91 2.48 -17.38	45.71 2.82 -20.87	58.41 3.53 -27.56	59.77 3.62 -27.66	49.09 3.67 -17.39	47.91 3.78 -15.29	44.67 3.53 -13.59	38.51 3.07 -11.08	33.21 2.36 -10.51
LONG_LAKE_PHOENIX 24014	27.75 -0.13 -1.29	23.49 -0.09 -1.45	21.84 -0.10 -1.55	21.73 -0.12 -1.48	21.66 -0.10 -1.38	21.96 -0.08 -1.63	22.33 -0.17 -1.94	23.97 -0.16 -1.79	25.92 -0.17 -1.75	27.34 -0.18 -1.59	27.30 -0.18 -1.04	25.57 -0.20 -0.81	22.39 -0.19 -0.97	20.11 -0.21 -1.05	21.03 -0.22 -0.88	20.76 -0.20 -0.92	22.76 -0.22 -0.96	28.34 -0.25 -1.27	29.13 -0.28 -0.92	28.38 -0.31 -0.66	28.93 -0.32 -0.40	27.50 -0.36 -0.31	24.56 -0.32 -0.52	20.82 -0.22 -0.70
LOVETT____3 23632	44.59 2.10 -15.89	41.72 1.66 -17.93	41.15 1.57 -19.19	40.23 1.59 -18.27	39.04 1.59 -17.07	42.18 1.61 -20.15	46.15 1.64 -23.95	46.37 1.88 -22.17	48.21 2.21 -21.66	47.83 2.31 -19.59	41.82 2.51 -12.87	37.30 2.35 -10.00	35.59 2.01 -11.96	34.08 1.81 -12.99	33.15 1.91 -10.86	33.28 1.86 -11.38	36.04 2.14 -11.88	45.64 2.65 -15.66	42.54 2.74 -11.31	38.93 2.75 -8.15	36.76 2.91 -5.00	34.07 2.65 -3.87	33.06 2.24 -6.47	30.66 1.67 -8.65
LOVETT____4 23642	44.59 2.10 -15.89	41.72 1.66 -17.93	41.15 1.57 -19.19	40.23 1.59 -18.27	39.04 1.59 -17.07	42.18 1.61 -20.15	46.15 1.64 -23.95	46.37 1.88 -22.17	48.21 2.21 -21.66	47.83 2.31 -19.59	41.82 2.51 -12.87	37.30 2.35 -10.00	35.59 2.01 -11.96	34.08 1.81 -12.99	33.15 1.91 -10.86	33.28 1.86 -11.38	36.04 2.14 -11.88	45.64 2.65 -15.66	42.54 2.74 -11.31	38.93 2.75 -8.15	36.76 2.91 -5.00	34.07 2.65 -3.87	33.06 2.24 -6.47	30.66 1.67 -8.65
LOVETT____5 23593	44.59 2.10 -15.89	41.72 1.66 -17.93	41.15 1.57 -19.19	40.23 1.59 -18.27	39.04 1.59 -17.07	42.18 1.61 -20.15	46.15 1.64 -23.95	46.37 1.88 -22.17	48.21 2.21 -21.66	47.83 2.31 -19.59	41.82 2.51 -12.87	37.30 2.35 -10.00	35.59 2.01 -11.96	34.08 1.81 -12.99	33.15 1.91 -10.86	33.28 1.86 -11.38	36.04 2.14 -11.88	45.64 2.65 -15.66	42.54 2.74 -11.31	38.93 2.75 -8.15	36.76 2.91 -5.00	34.07 2.65 -3.87	33.06 2.24 -6.47	30.66 1.67 -8.65
LOWER RAQUET____HYD 24057	25.11 -1.49 0.00	20.95 -1.17 0.00	19.31 -1.08 0.00	19.31 -1.06 0.00	19.19 -1.18 0.00	19.11 -1.31 0.00	19.36 -1.19 0.00	20.88 -1.45 0.00	22.70 -1.63 0.00	24.25 -1.69 0.00	24.64 -1.80 0.00	23.24 -1.72 0.00	20.12 -1.49 0.00	18.19 -1.08 0.00	19.23 -1.14 0.00	18.72 -1.32 0.00	20.48 -1.54 0.00	25.55 -1.78 0.00	26.76 -1.74 0.00	26.24 -1.79 0.00	26.91 -1.93 0.00	25.92 -1.63 0.00	23.19 -1.17 0.00	19.47 -0.87 0.00
LOWER____HUDSON 24059	50.44 2.10 -21.74	48.37 1.70 -24.54	48.20 1.55 -26.25	46.88 1.51 -25.00	45.25 1.51 -23.36	49.51 1.53 -27.57	54.87 1.54 -32.78	54.37 1.72 -30.32	55.89 1.92 -29.63	54.78 2.05 -26.79	46.15 2.12 -17.60	40.66 2.02 -13.68	39.73 1.75 -16.37	38.57 1.52 -17.78	36.86 1.63 -14.85	37.21 1.60 -15.56	40.02 1.74 -16.26	50.97 2.21 -21.43	46.22 2.25 -15.47	41.37 2.19 -11.15	37.91 2.22 -6.84	34.97 2.12 -5.30	35.11 1.90 -8.85	33.73 1.55 -11.84
LWR____OSWEGATCHIE_HYD 23850	25.72 -0.88 0.00	21.42 -0.71 0.00	19.72 -0.67 0.00	19.70 -0.67 0.00	19.64 -0.73 0.00	19.68 -0.73 0.00	19.94 -0.62 0.00	21.53 -0.80 0.00	23.51 -0.83 0.00	25.18 -0.75 0.00	25.54 -0.90 0.00	24.07 -0.90 0.00	20.75 -0.87 0.00	18.62 -0.66 0.00	19.72 -0.65 0.00	19.28 -0.76 0.00	21.12 -0.90 0.00	26.42 -0.90 0.00	27.64 -0.85 0.00	27.11 -0.92 0.00	27.78 -1.07 0.00	26.64 -0.91 0.00	23.65 -0.71 0.00	19.79 -0.55 0.00
LYONS_FALL_HYD 23570	27.08 0.48 0.00	22.50 0.38 0.00	20.70 0.31 0.00	20.66 0.29 0.00	20.68 0.31 0.00	20.78 0.37 0.00	21.03 0.47 0.00	22.77 0.45 0.00	24.94 0.61 0.00	26.74 0.80 0.00	27.10 0.66 0.00	25.56 0.60 0.00	21.98 0.37 0.00	19.56 0.29 0.00	20.74 0.37 0.00	20.38 0.34 0.00	22.40 0.37 0.00	28.01 0.68 0.00	29.23 0.74 0.00	28.68 0.65 0.00	29.42 0.58 0.00	28.07 0.52 0.00	24.77 0.41 0.00	20.67 0.32 0.00
MADISON____COUNTY_LFGE 323628	28.19 0.88 -0.72	23.64 0.71 -0.81	21.87 0.61 -0.86	21.79 0.59 -0.82	21.76 0.61 -0.77	22.02 0.69 -0.91	22.37 0.74 -1.08	24.13 0.80 -1.00	26.26 0.95 -0.98	27.94 1.11 -0.89	28.08 1.06 -0.58	26.36 0.95 -0.45	22.87 0.71 -0.54	20.44 0.58 -0.59	21.52 0.65 -0.49	21.20 0.64 -0.51	23.29 0.73 -0.54	29.09 1.06 -0.71	30.12 1.11 -0.51	29.44 1.04 -0.37	30.08 1.01 -0.23	28.63 0.91 -0.17	25.36 0.71 -0.29	21.30 0.57 -0.39



MAPLE_RIDGE_WT_1 323574	25.10 -0.53 0.97	20.57 -0.47 1.09	18.77 -0.45 1.17	18.81 -0.45 1.11	18.87 -0.47 1.04	18.70 -0.49 1.23	18.60 -0.49 1.46	20.41 -0.58 1.34	22.37 -0.66 1.31	24.03 -0.73 1.18	24.92 -0.74 0.78	23.66 -0.70 0.60	20.31 -0.58 0.72	17.99 -0.50 0.79	19.23 -0.49 0.66	18.87 -0.48 0.69	20.75 -0.55 0.72	25.69 -0.68 0.95	27.15 -0.65 0.69	26.94 -0.59 0.50	27.99 -0.55 0.30	26.87 -0.44 0.24	23.65 -0.32 0.39	19.57 -0.24 0.53
MAPLE_RIDGE_WT_2 323611	25.10 -0.53 0.97	20.57 -0.47 1.09	18.77 -0.45 1.17	18.81 -0.45 1.11	18.87 -0.47 1.04	18.70 -0.49 1.23	18.60 -0.49 1.46	20.41 -0.58 1.34	22.37 -0.66 1.31	24.03 -0.73 1.18	24.92 -0.74 0.78	23.66 -0.70 0.60	20.31 -0.58 0.72	17.99 -0.50 0.79	19.23 -0.49 0.66	18.87 -0.48 0.69	20.75 -0.55 0.72	25.69 -0.68 0.95	27.15 -0.65 0.69	26.94 -0.59 0.50	27.99 -0.55 0.30	26.87 -0.44 0.24	23.65 -0.32 0.39	19.57 -0.24 0.53
MARBLE_RIVER_WT_PWR 323696	25.19 -1.41 0.00	21.04 -1.08 0.00	19.43 -0.96 0.00	19.46 -0.92 0.00	19.42 -0.96 0.00	19.39 -1.02 0.00	19.63 -0.92 0.00	21.30 -1.03 0.00	23.12 -1.22 0.00	24.54 -1.40 0.00	24.98 -1.45 0.00	23.54 -1.42 0.00	20.40 -1.21 0.00	18.31 -0.96 0.00	19.35 -1.02 0.00	19.04 -1.00 0.00	20.94 -1.08 0.00	25.93 -1.39 0.00	27.27 -1.22 0.00	26.80 -1.23 0.00	27.63 -1.21 0.00	26.58 -0.97 0.00	23.60 -0.76 0.00	19.81 -0.53 0.00
MARSH_HILL_WT_PWR 323713	31.29 1.33 -3.36	26.74 0.82 -3.80	25.19 0.73 -4.06	24.83 0.59 -3.87	24.66 0.67 -3.61	25.31 0.63 -4.26	26.06 0.43 -5.07	27.69 0.67 -4.69	29.65 0.73 -4.59	30.78 0.70 -4.15	29.88 0.71 -2.72	27.63 0.55 -2.12	24.60 0.45 -2.53	22.31 0.29 -2.75	23.02 0.35 -2.30	22.79 0.34 -2.41	25.00 0.46 -2.52	31.32 0.68 -3.32	31.57 0.68 -2.39	30.48 0.73 -1.72	30.77 0.86 -1.06	29.00 0.63 -0.82	26.19 0.46 -1.37	22.58 0.41 -1.83
MG_INDUSTRY___DRP 24185	49.10 1.81 -20.69	46.94 1.46 -23.35	46.72 1.35 -24.99	45.48 1.32 -23.79	43.93 1.32 -22.23	47.96 1.31 -26.24	53.08 1.34 -31.19	52.61 1.43 -28.85	54.08 1.56 -28.19	53.09 1.66 -25.49	44.79 1.61 -16.74	39.50 1.52 -13.01	38.50 1.32 -15.57	37.34 1.16 -16.91	35.73 1.22 -14.13	36.05 1.20 -14.81	38.79 1.30 -15.47	49.31 1.58 -20.40	44.87 1.65 -14.73	40.27 1.63 -10.61	37.03 1.67 -6.51	34.27 1.68 -5.04	34.31 1.54 -8.42	32.89 1.28 -11.27
MID___OSWEGATCHIE_HYD 23849	25.72 -0.88 0.00	21.42 -0.71 0.00	19.72 -0.67 0.00	19.70 -0.67 0.00	19.64 -0.73 0.00	19.68 -0.73 0.00	19.94 -0.62 0.00	21.53 -0.80 0.00	23.51 -0.83 0.00	25.18 -0.75 0.00	25.54 -0.90 0.00	24.07 -0.90 0.00	20.75 -0.87 0.00	18.62 -0.66 0.00	19.72 -0.65 0.00	19.28 -0.76 0.00	21.12 -0.90 0.00	26.42 -0.90 0.00	27.64 -0.85 0.00	27.11 -0.92 0.00	27.78 -1.07 0.00	26.64 -0.91 0.00	23.65 -0.71 0.00	19.79 -0.55 0.00
MID___RAQUETTE_HYD 23851	25.11 -1.49 0.00	20.95 -1.17 0.00	19.31 -1.08 0.00	19.31 -1.06 0.00	19.19 -1.18 0.00	19.11 -1.31 0.00	19.36 -1.19 0.00	20.88 -1.45 0.00	22.70 -1.63 0.00	24.25 -1.69 0.00	24.64 -1.80 0.00	23.24 -1.72 0.00	20.12 -1.49 0.00	18.19 -1.08 0.00	19.23 -1.14 0.00	18.72 -1.32 0.00	20.48 -1.54 0.00	25.55 -1.78 0.00	26.76 -1.74 0.00	26.24 -1.79 0.00	26.91 -1.93 0.00	25.92 -1.63 0.00	23.19 -1.17 0.00	19.47 -0.87 0.00
MILLIKEN___1 23584	30.83 0.96 -3.28	26.56 0.73 -3.70	25.00 0.65 -3.96	24.77 0.63 -3.77	24.55 0.65 -3.52	25.28 0.71 -4.16	26.20 0.70 -4.94	27.73 0.83 -4.57	29.78 0.97 -4.47	31.02 1.04 -4.04	30.12 1.03 -2.66	27.92 0.90 -2.06	24.79 0.71 -2.47	22.53 0.58 -2.68	23.22 0.61 -2.24	23.01 0.62 -2.35	25.18 0.70 -2.45	31.57 1.01 -3.23	31.88 1.05 -2.33	30.69 0.98 -1.68	30.88 1.01 -1.03	29.17 0.83 -0.80	26.35 0.66 -1.33	22.68 0.55 -1.79
MILLIKEN___2 23585	30.83 0.96 -3.28	26.56 0.73 -3.70	25.00 0.65 -3.96	24.77 0.63 -3.77	24.55 0.65 -3.52	25.28 0.71 -4.16	26.20 0.70 -4.94	27.73 0.83 -4.57	29.78 0.97 -4.47	31.02 1.04 -4.04	30.12 1.03 -2.66	27.92 0.90 -2.06	24.79 0.71 -2.47	22.53 0.58 -2.68	23.22 0.61 -2.24	23.01 0.62 -2.35	25.18 0.70 -2.45	31.57 1.01 -3.23	31.88 1.05 -2.33	30.69 0.98 -1.68	30.88 1.01 -1.03	29.17 0.83 -0.80	26.35 0.66 -1.33	22.68 0.55 -1.79
MILLIKEN___DIESEL 23629	30.83 0.96 -3.28	26.56 0.73 -3.70	25.00 0.65 -3.96	24.77 0.63 -3.77	24.55 0.65 -3.52	25.28 0.71 -4.16	26.20 0.70 -4.94	27.73 0.83 -4.57	29.78 0.97 -4.47	31.02 1.04 -4.04	30.12 1.03 -2.66	27.92 0.90 -2.06	24.79 0.71 -2.47	22.53 0.58 -2.68	23.22 0.61 -2.24	23.01 0.62 -2.35	25.18 0.70 -2.45	31.57 1.01 -3.23	31.88 1.05 -2.33	30.69 0.98 -1.68	30.88 1.01 -1.03	29.17 0.83 -0.80	26.35 0.66 -1.33	22.68 0.55 -1.79
MILLSEAT___LFGE 323607	29.35 0.42 -2.33	24.82 0.07 -2.62	23.28 0.08 -2.81	22.99 -0.06 -2.67	22.94 0.06 -2.50	23.49 0.12 -2.95	23.73 -0.33 -3.51	25.57 0.00 -3.25	27.24 -0.27 -3.17	28.36 -0.44 -2.87	27.90 -0.42 -1.88	26.00 -0.42 -1.46	23.06 -0.30 -1.75	20.67 -0.50 -1.90	21.43 -0.53 -1.59	21.19 -0.52 -1.67	23.30 -0.46 -1.74	29.07 -0.55 -2.29	29.50 -0.65 -1.66	28.69 -0.53 -1.19	29.06 -0.52 -0.73	27.37 -0.74 -0.57	24.57 -0.73 -0.95	21.02 -0.59 -1.27
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.21 2.29 -16.33	42.37 1.81 -18.43	41.80 1.69 -19.72	40.85 1.71 -18.77	39.63 1.71 -17.54	42.85 1.73 -20.70	46.93 1.77 -24.61	47.13 2.03 -22.77	48.98 2.39 -22.26	48.55 2.49 -20.12	42.35 2.70 -13.22	37.75 2.52 -10.27	36.09 2.18 -12.29	34.57 1.95 -13.35	33.59 2.06 -11.16	33.73 2.00 -11.69	36.52 2.29 -12.21	46.26 2.84 -16.10	43.05 2.94 -11.62	39.35 2.94 -8.37	37.07 3.09 -5.14	34.37 2.84 -3.98	33.39 2.39 -6.64	31.02 1.79 -8.89
MODEL_CITY_ENERGY 24167	28.65 -0.40 -2.45	24.27 -0.62 -2.76	22.82 -0.53 -2.96	22.50 -0.69 -2.82	22.44 -0.57 -2.63	22.91 -0.61 -3.11	23.20 -1.05 -3.69	24.81 -0.94 -3.42	26.53 -1.14 -3.34	27.61 -1.35 -3.02	27.05 -1.38 -1.98	25.16 -1.35 -1.54	22.38 -1.08 -1.84	20.16 -1.12 -2.00	20.89 -1.16 -1.67	20.63 -1.16 -1.75	22.67 -1.19 -1.83	28.18 -1.56 -2.41	28.53 -1.71 -1.74	27.83 -1.46 -1.26	28.14 -1.47 -0.77	26.55 -1.60 -0.60	23.89 -1.46 -1.00	20.43 -1.24 -1.33
MODERN_LFGE___ 323580	28.65 -0.40 -2.45	24.27 -0.62 -2.76	22.82 -0.53 -2.96	22.50 -0.69 -2.82	22.44 -0.57 -2.63	22.91 -0.61 -3.11	23.20 -1.05 -3.69	24.81 -0.94 -3.42	26.53 -1.14 -3.34	27.61 -1.35 -3.02	27.05 -1.38 -1.98	25.16 -1.35 -1.54	22.38 -1.08 -1.84	20.16 -1.12 -2.00	20.89 -1.16 -1.67	20.63 -1.16 -1.75	22.67 -1.19 -1.83	28.18 -1.56 -2.41	28.53 -1.71 -1.74	27.83 -1.46 -1.26	28.14 -1.47 -0.77	26.55 -1.60 -0.60	23.89 -1.46 -1.00	20.43 -1.24 -1.33
MOHAWK_PAPER___DRP 24187	50.05 2.15 -21.30	47.89 1.73 -24.04	47.71 1.59 -25.72	46.41 1.55 -24.49	44.81 1.55 -22.89	48.95 1.53 -27.01	54.23 1.56 -32.11	53.64 1.88 -29.43	55.14 2.04 -28.76	54.12 2.18 -26.01	45.64 2.12 -17.08	40.26 2.02 -13.27	39.25 1.75 -15.89	38.07 1.54 -17.25	36.42 1.63 -14.42	36.75 1.60 -15.11	39.50 1.70 -15.78	50.26 1.94 -21.00	45.62 1.96 -15.16	40.89 1.93 -10.92	37.54 1.99 -6.70	34.72 1.98 -5.19	34.85 1.83 -8.67	33.49 1.55 -11.60



MONGAUP___HYD 23641	44.19 2.55 -15.04	41.18 2.08 -16.97	40.47 1.92 -18.16	39.60 1.94 -17.29	38.48 1.94 -16.16	41.45 1.96 -19.07	45.24 2.02 -22.67	45.41 2.10 -20.98	47.39 2.55 -20.50	47.20 2.72 -18.54	41.47 2.86 -12.18	36.97 2.55 -9.46	35.12 2.18 -11.32	33.66 2.08 -12.30	32.83 2.18 -10.28	32.91 2.10 -10.77	35.72 2.44 -11.25	45.29 3.14 -14.83	42.53 3.33 -10.70	39.00 3.25 -7.71	36.89 3.32 -4.73	34.19 2.98 -3.66	32.96 2.49 -6.12	30.49 1.95 -8.19
MONTAUK___DIESEL 23721	52.86 6.15 -20.11	49.69 5.22 -22.34	48.55 4.81 -23.35	47.63 4.83 -22.43	46.25 4.83 -21.04	50.27 5.25 -24.61	62.21 5.30 -36.35	63.39 5.94 -35.12	63.27 6.62 -32.32	61.83 6.95 -28.94	53.21 7.11 -19.66	50.11 6.59 -18.55	45.46 5.64 -18.21	41.92 4.99 -17.65	41.31 5.28 -15.67	43.00 5.23 -17.73	49.08 5.99 -21.06	63.74 8.03 -28.38	65.39 8.58 -28.32	55.36 8.38 -18.94	53.44 8.22 -16.37	51.59 7.58 -16.46	42.22 6.48 -11.38	36.34 5.03 -10.98
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.66 2.63 -16.43	42.74 2.08 -18.54	42.17 1.94 -19.84	41.21 1.96 -18.88	39.98 1.96 -17.65	43.24 2.00 -20.83	47.35 2.04 -24.76	47.56 2.32 -22.91	49.45 2.72 -22.39	49.03 2.85 -20.25	42.78 3.04 -13.30	38.21 2.89 -10.36	36.46 2.48 -12.37	34.92 2.22 -13.43	33.94 2.34 -11.22	34.09 2.28 -11.76	36.91 2.60 -12.29	46.71 3.20 -16.19	43.52 3.33 -11.69	39.79 3.33 -8.42	37.50 3.49 -5.17	34.80 3.22 -4.02	33.79 2.75 -6.68	31.36 2.08 -8.94
MUNSVILLE_WIND_PWR 323609	34.60 2.93 -5.07	30.18 2.32 -5.73	28.58 2.06 -6.13	28.22 2.02 -5.83	27.91 2.08 -5.45	29.13 2.29 -6.43	30.73 2.53 -7.65	32.11 2.70 -7.08	34.44 3.19 -6.92	35.88 3.68 -6.26	34.01 3.46 -4.11	31.28 3.12 -3.19	27.81 2.38 -3.82	25.41 1.99 -4.15	26.04 2.20 -3.47	25.86 2.18 -3.64	28.24 2.42 -3.80	35.77 3.44 -5.00	35.78 3.68 -3.61	34.08 3.45 -2.60	33.84 3.40 -1.60	31.82 3.03 -1.24	28.86 2.44 -2.06	25.08 1.97 -2.76
N SALMON___HYD 24042	25.37 -1.22 0.00	21.22 -0.91 0.00	19.58 -0.82 0.00	19.62 -0.75 0.00	19.50 -0.88 0.00	19.50 -0.92 0.00	19.79 -0.76 0.00	21.48 -0.85 0.00	23.29 -1.05 0.00	24.74 -1.19 0.00	25.20 -1.24 0.00	23.74 -1.22 0.00	20.57 -1.04 0.00	18.46 -0.81 0.00	19.52 -0.85 0.00	19.14 -0.90 0.00	21.08 -0.95 0.00	26.20 -1.12 0.00	27.53 -0.97 0.00	27.02 -1.01 0.00	27.75 -1.10 0.00	26.75 -0.80 0.00	23.75 -0.61 0.00	19.94 -0.41 0.00
N.E._GEN_SANDY PD 24062	48.05 2.10 -19.35	45.65 1.68 -21.84	45.31 1.55 -23.37	44.17 1.55 -22.25	42.74 1.57 -20.79	46.50 1.55 -24.54	51.09 1.56 -28.97	51.35 1.83 -27.19	52.81 2.09 -26.38	51.99 2.20 -23.85	44.46 2.35 -15.67	39.36 2.22 -12.17	38.11 1.92 -14.57	36.80 1.70 -15.83	35.41 1.81 -13.22	35.68 1.78 -13.86	38.50 2.00 -14.47	48.86 2.46 -19.08	44.83 2.57 -13.77	40.45 2.49 -9.92	37.53 2.60 -6.09	34.66 2.40 -4.71	34.30 2.07 -7.87	32.53 1.65 -10.54
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.61 2.15 -15.86	41.73 1.70 -17.90	41.16 1.61 -19.15	40.22 1.61 -18.23	39.03 1.61 -17.04	42.16 1.63 -20.11	46.15 1.69 -23.91	46.35 1.90 -22.12	48.22 2.26 -21.62	47.85 2.36 -19.55	41.84 2.56 -12.84	37.34 2.40 -9.98	35.61 2.05 -11.94	34.09 1.85 -12.97	33.17 1.96 -10.84	33.30 1.90 -11.36	36.07 2.18 -11.86	45.67 2.71 -15.64	42.61 2.82 -11.29	38.97 2.80 -8.13	36.81 2.97 -4.99	34.12 2.70 -3.86	33.10 2.29 -6.45	30.67 1.69 -8.64
NARROWS_GT1_1 24228	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT1_2 24229	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT1_3 24230	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT1_4 24231	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT1_5 24232	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT1_6 24233	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT1_7 24234	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT1_8 24235	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95



NARROWS_GT2_1 24236	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT2_2 24237	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT2_3 24238	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT2_4 24239	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT2_5 24240	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT2_6 24241	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT2_7 24242	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NARROWS_GT2_8 24243	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.41 2.95 -17.86	44.69 2.41 -20.15	44.18 2.22 -21.56	43.10 2.20 -20.53	41.79 2.22 -19.19	45.26 2.21 -22.64	49.73 2.26 -26.92	49.57 2.34 -24.90	51.47 2.80 -24.34	50.92 2.98 -22.00	43.90 3.01 -14.45	38.89 2.70 -11.23	37.37 2.31 -13.44	36.05 2.18 -14.60	34.87 2.30 -12.20	35.07 2.24 -12.78	37.91 2.53 -13.35	48.23 3.30 -17.60	44.71 3.50 -12.71	40.55 3.36 -9.16	37.87 3.40 -5.62	35.04 3.14 -4.35	34.33 2.70 -7.27	32.16 2.10 -9.72
NEG CAPITAL___MECHNVIL 23645	51.27 2.58 -22.10	49.14 2.08 -24.94	48.97 1.90 -26.68	47.61 1.83 -25.40	45.95 1.83 -23.74	50.31 1.88 -28.02	55.75 1.89 -33.31	55.28 2.08 -30.87	56.84 2.34 -30.17	55.73 2.52 -27.28	46.97 2.62 -17.92	41.41 2.52 -13.92	40.50 2.23 -16.66	39.28 1.91 -18.10	37.51 2.02 -15.12	37.87 1.98 -15.84	40.76 2.18 -16.55	51.95 2.84 -21.78	47.07 2.85 -15.73	42.17 2.80 -11.33	38.63 2.83 -6.95	35.60 2.67 -5.38	35.64 2.29 -8.99	34.23 1.85 -12.03
NEG CENTRAL_HIGH_ACRES 23767	28.19 -0.32 -1.92	23.93 -0.35 -2.16	22.38 -0.33 -2.31	22.17 -0.41 -2.20	22.09 -0.35 -2.06	22.62 -0.22 -2.43	22.97 -0.47 -2.89	24.76 -0.25 -2.67	26.48 -0.46 -2.61	27.73 -0.57 -2.36	27.41 -0.58 -1.55	25.60 -0.57 -1.21	22.58 -0.48 -1.44	20.26 -0.58 -1.57	21.07 -0.61 -1.31	20.81 -0.60 -1.37	22.84 -0.62 -1.43	28.56 -0.66 -1.89	29.12 -0.74 -1.36	28.26 -0.76 -0.98	28.67 -0.78 -0.60	27.13 -0.88 -0.47	24.31 -0.83 -0.78	20.75 -0.63 -1.04
NEG CENTRAL___DRP 24199	29.11 0.40 -2.12	24.76 0.24 -2.39	23.17 0.22 -2.56	22.99 0.18 -2.43	22.88 0.22 -2.28	23.38 0.29 -2.68	23.93 0.18 -3.19	25.62 0.34 -2.95	27.56 0.34 -2.89	28.88 0.34 -2.61	28.47 0.32 -1.72	26.54 0.25 -1.33	23.38 0.17 -1.59	21.08 0.08 -1.73	21.90 0.08 -1.45	21.66 0.10 -1.52	23.76 0.16 -1.58	29.71 0.30 -2.09	30.29 0.28 -1.51	29.37 0.25 -1.09	29.77 0.26 -0.67	28.18 0.11 -0.52	25.24 0.02 -0.86	21.54 0.04 -1.15
NEG CENTRAL___INDECK 23768	30.79 1.38 -2.82	26.23 0.93 -3.18	24.65 0.86 -3.40	24.34 0.73 -3.24	24.24 0.84 -3.03	24.99 1.00 -3.57	25.50 0.70 -4.25	27.44 1.18 -3.93	29.20 1.02 -3.84	30.39 0.99 -3.47	29.72 1.00 -2.28	27.63 0.90 -1.77	24.51 0.78 -2.12	22.02 0.44 -2.30	22.79 0.49 -1.93	22.54 0.48 -2.02	24.75 0.62 -2.11	31.08 0.98 -2.78	31.47 0.97 -2.00	30.43 0.95 -1.44	30.71 0.98 -0.89	28.92 0.69 -0.69	25.99 0.49 -1.15	22.34 0.47 -1.53
NEG CENTRAL___SENECA 23627	29.64 0.69 -2.36	25.25 0.47 -2.66	23.65 0.41 -2.85	23.43 0.35 -2.71	23.32 0.41 -2.53	23.87 0.47 -2.99	24.46 0.35 -3.55	26.18 0.56 -3.29	28.11 0.56 -3.21	29.41 0.57 -2.91	28.93 0.58 -1.91	26.90 0.45 -1.48	23.73 0.34 -1.78	21.41 0.21 -1.93	22.21 0.22 -1.61	21.97 0.24 -1.69	24.09 0.31 -1.76	30.19 0.55 -2.32	30.71 0.54 -1.68	29.75 0.51 -1.21	30.10 0.52 -0.74	28.46 0.33 -0.57	25.51 0.19 -0.96	21.81 0.18 -1.28
NEG CENTRAL___STATE_STREET 24147	29.24 0.58 -2.06	24.90 0.44 -2.33	23.27 0.39 -2.49	23.11 0.37 -2.37	22.98 0.39 -2.22	23.48 0.45 -2.61	24.05 0.39 -3.11	25.72 0.51 -2.88	27.73 0.58 -2.81	29.08 0.60 -2.54	28.72 0.61 -1.67	26.76 0.50 -1.30	23.57 0.41 -1.55	21.25 0.29 -1.69	22.09 0.31 -1.41	21.84 0.32 -1.48	23.94 0.37 -1.54	29.93 0.57 -2.03	30.56 0.60 -1.47	29.62 0.53 -1.06	30.01 0.52 -0.65	28.47 0.41 -0.50	25.49 0.29 -0.84	21.71 0.24 -1.12



NEG MILLWOOD___DRP 24198	46.29 2.79 -16.90	43.43 2.23 -19.07	42.88 2.08 -20.40	41.92 2.12 -19.43	40.57 2.04 -18.16	43.90 2.06 -21.43	48.16 2.14 -25.47	48.31 2.41 -23.57	50.23 2.87 -23.03	49.74 2.98 -20.82	43.37 3.25 -13.68	38.49 2.89 -10.63	36.84 2.51 -12.72	35.32 2.23 -13.82	34.26 2.34 -11.54	34.38 2.24 -12.10	37.28 2.62 -12.64	47.40 3.42 -16.66	44.02 3.50 -12.03	40.17 3.48 -8.67	37.77 3.61 -5.32	34.94 3.28 -4.12	33.99 2.75 -6.88	31.58 2.03 -9.20
NEG NORTH_FLCN_SEA 23793	25.56 -1.04 0.00	21.37 -0.75 0.00	19.72 -0.67 0.00	19.76 -0.61 0.00	19.70 -0.67 0.00	19.68 -0.73 0.00	19.94 -0.62 0.00	21.66 -0.67 0.00	23.48 -0.85 0.00	24.92 -1.01 0.00	25.41 -1.03 0.00	23.92 -1.05 0.00	20.72 -0.89 0.00	18.58 -0.69 0.00	19.64 -0.73 0.00	19.32 -0.72 0.00	21.27 -0.75 0.00	26.37 -0.96 0.00	27.70 -0.80 0.00	27.22 -0.81 0.00	28.04 -0.81 0.00	26.97 -0.58 0.00	23.94 -0.41 0.00	20.08 -0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	25.21 -1.38 0.00	21.06 -1.06 0.00	19.43 -0.96 0.00	19.48 -0.90 0.00	19.42 -0.96 0.00	19.39 -1.02 0.00	19.65 -0.90 0.00	21.32 -1.00 0.00	23.14 -1.19 0.00	24.56 -1.38 0.00	25.04 -1.40 0.00	23.59 -1.37 0.00	20.44 -1.17 0.00	18.35 -0.92 0.00	19.40 -0.98 0.00	19.06 -0.98 0.00	20.99 -1.03 0.00	25.99 -1.34 0.00	27.30 -1.20 0.00	26.86 -1.18 0.00	27.66 -1.18 0.00	26.58 -0.97 0.00	23.63 -0.73 0.00	19.81 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	25.56 -1.04 0.00	21.37 -0.75 0.00	19.72 -0.67 0.00	19.76 -0.61 0.00	19.68 -0.69 0.00	19.68 -0.73 0.00	19.96 -0.60 0.00	21.68 -0.65 0.00	23.51 -0.83 0.00	24.92 -1.01 0.00	25.41 -1.03 0.00	23.92 -1.05 0.00	20.72 -0.89 0.00	18.58 -0.69 0.00	19.64 -0.73 0.00	19.30 -0.74 0.00	21.27 -0.75 0.00	26.39 -0.93 0.00	27.75 -0.74 0.00	27.25 -0.78 0.00	28.04 -0.81 0.00	27.00 -0.55 0.00	23.94 -0.41 0.00	20.10 -0.24 0.00
NEG NORTH___LWR_SARANAC 23913	25.56 -1.04 0.00	21.37 -0.75 0.00	19.72 -0.67 0.00	19.76 -0.61 0.00	19.68 -0.69 0.00	19.68 -0.73 0.00	19.96 -0.60 0.00	21.68 -0.65 0.00	23.51 -0.83 0.00	24.92 -1.01 0.00	25.41 -1.03 0.00	23.92 -1.05 0.00	20.72 -0.89 0.00	18.58 -0.69 0.00	19.64 -0.73 0.00	19.30 -0.74 0.00	21.27 -0.75 0.00	26.39 -0.93 0.00	27.75 -0.74 0.00	27.25 -0.78 0.00	28.04 -0.81 0.00	27.00 -0.55 0.00	23.94 -0.41 0.00	20.10 -0.24 0.00
NEG NORTH___PLATTSBURG 23628	25.56 -1.04 0.00	21.37 -0.75 0.00	19.72 -0.67 0.00	19.76 -0.61 0.00	19.68 -0.69 0.00	19.68 -0.73 0.00	19.96 -0.60 0.00	21.68 -0.65 0.00	23.51 -0.83 0.00	24.92 -1.01 0.00	25.41 -1.03 0.00	23.92 -1.05 0.00	20.72 -0.89 0.00	18.58 -0.69 0.00	19.64 -0.73 0.00	19.30 -0.74 0.00	21.27 -0.75 0.00	26.39 -0.93 0.00	27.75 -0.74 0.00	27.25 -0.78 0.00	28.04 -0.81 0.00	27.00 -0.55 0.00	23.94 -0.41 0.00	20.10 -0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	29.00 -0.03 -2.43	24.54 -0.33 -2.74	23.08 -0.24 -2.93	22.74 -0.43 -2.79	22.68 -0.31 -2.61	23.17 -0.33 -3.08	23.45 -0.76 -3.66	25.11 -0.60 -3.39	26.86 -0.78 -3.31	27.97 -0.96 -2.99	27.43 -0.98 -1.97	25.52 -0.97 -1.53	22.68 -0.76 -1.83	20.41 -0.85 -1.99	21.16 -0.88 -1.66	20.92 -0.86 -1.74	22.98 -0.86 -1.82	28.57 -1.15 -2.39	28.97 -1.25 -1.73	28.24 -1.04 -1.25	28.54 -1.07 -0.76	26.93 -1.21 -0.59	24.23 -1.12 -0.99	20.71 -0.96 -1.32
NEG WEST___LANCASTR 23811	30.15 0.72 -2.84	25.59 0.27 -3.20	24.12 0.31 -3.42	23.78 0.14 -3.26	23.67 0.25 -3.05	24.17 0.16 -3.60	24.73 -0.10 -4.28	26.35 0.07 -3.96	28.27 0.07 -3.87	29.38 -0.05 -3.50	28.73 0.00 -2.30	26.65 -0.10 -1.78	23.70 -0.04 -2.14	21.42 -0.17 -2.32	22.17 -0.14 -1.94	21.89 -0.18 -2.03	24.08 -0.07 -2.12	29.98 -0.14 -2.80	30.28 -0.23 -2.02	29.40 -0.08 -1.45	29.76 0.03 -0.89	28.02 -0.22 -0.69	25.17 -0.34 -1.15	21.64 -0.24 -1.54
NEG_PENN_ALLEGHNY 23528	33.10 1.14 -5.36	29.01 0.84 -6.04	27.64 0.77 -6.47	27.26 0.73 -6.16	26.89 0.75 -5.76	28.00 0.80 -6.79	29.39 0.76 -8.07	30.67 0.87 -7.47	32.66 1.02 -7.30	33.63 1.09 -6.60	31.91 1.14 -4.34	29.31 0.97 -3.37	26.47 0.82 -4.03	24.33 0.67 -4.38	24.77 0.73 -3.66	24.58 0.70 -3.84	26.85 0.82 -4.01	33.70 1.09 -5.28	33.45 1.14 -3.81	31.87 1.09 -2.75	31.71 1.18 -1.69	29.84 0.99 -1.31	27.32 0.78 -2.18	23.91 0.65 -2.92
NEG___GEN_MONROE 24207	28.81 0.21 -2.01	24.44 0.04 -2.26	22.86 0.04 -2.42	22.62 -0.06 -2.31	22.55 0.02 -2.16	23.12 0.16 -2.54	23.41 -0.17 -3.03	25.26 0.13 -2.80	26.95 -0.12 -2.74	28.18 -0.23 -2.47	27.82 -0.24 -1.63	26.00 -0.23 -1.26	22.97 -0.15 -1.51	20.57 -0.35 -1.64	21.38 -0.37 -1.37	21.12 -0.36 -1.44	23.19 -0.33 -1.50	28.98 -0.33 -1.98	29.52 -0.40 -1.43	28.67 -0.39 -1.03	29.07 -0.40 -0.63	27.46 -0.58 -0.49	24.57 -0.61 -0.82	20.99 -0.45 -1.09
NEPA___ENERGY 23901	29.97 0.69 -2.68	25.35 0.20 -3.03	23.86 0.22 -3.24	23.50 0.04 -3.08	23.46 0.20 -2.88	23.92 0.10 -3.40	24.35 -0.25 -4.04	26.07 0.00 -3.74	27.94 -0.05 -3.66	29.06 -0.18 -3.31	28.45 -0.16 -2.17	26.40 -0.25 -1.69	23.46 -0.17 -2.02	21.16 -0.31 -2.20	21.92 -0.29 -1.83	21.68 -0.28 -1.92	23.83 -0.20 -2.01	29.67 -0.30 -2.65	30.06 -0.34 -1.91	29.21 -0.19 -1.38	29.54 -0.14 -0.84	27.82 -0.39 -0.65	25.01 -0.44 -1.09	21.42 -0.39 -1.46
NEVERSINK___HYD 23608	43.19 1.89 -14.71	40.23 1.51 -16.60	39.54 1.39 -17.76	38.67 1.39 -16.91	37.59 1.40 -15.80	40.49 1.43 -18.65	44.21 1.48 -22.17	44.43 1.59 -20.51	46.33 1.95 -20.05	46.16 2.10 -18.13	40.54 2.19 -11.91	36.21 2.00 -9.25	34.37 1.69 -11.07	32.86 1.56 -12.03	32.07 1.65 -10.05	32.19 1.62 -10.53	34.89 1.87 -11.00	44.23 2.41 -14.50	41.53 2.57 -10.47	38.10 2.52 -7.54	36.07 2.60 -4.63	33.45 2.31 -3.58	32.27 1.92 -5.98	29.74 1.38 -8.01
NEWTON___FALLS_HYD 23847	25.72 -0.88 0.00	21.42 -0.71 0.00	19.72 -0.67 0.00	19.70 -0.67 0.00	19.64 -0.73 0.00	19.68 -0.73 0.00	19.94 -0.62 0.00	21.53 -0.80 0.00	23.51 -0.83 0.00	25.18 -0.75 0.00	25.54 -0.90 0.00	24.07 -0.90 0.00	20.75 -0.87 0.00	18.62 -0.66 0.00	19.72 -0.65 0.00	19.28 -0.76 0.00	21.12 -0.90 0.00	26.42 -0.90 0.00	27.64 -0.85 0.00	27.11 -0.92 0.00	27.78 -1.07 0.00	26.64 -0.91 0.00	23.65 -0.71 0.00	19.79 -0.55 0.00
NIAGARA_115E_LBMP 323715	28.46 -0.61 -2.47	24.12 -0.80 -2.79	22.68 -0.69 -2.98	22.36 -0.85 -2.84	22.30 -0.73 -2.66	22.77 -0.78 -3.13	23.07 -1.21 -3.73	24.64 -1.14 -3.45	26.34 -1.36 -3.37	27.40 -1.58 -3.05	26.83 -1.61 -2.00	24.95 -1.57 -1.56	22.22 -1.25 -1.86	20.02 -1.27 -2.02	20.74 -1.32 -1.69	20.49 -1.32 -1.77	22.51 -1.37 -1.85	27.96 -1.80 -2.44	28.32 -1.94 -1.76	27.62 -1.68 -1.27	27.92 -1.70 -0.78	26.33 -1.82 -0.60	23.71 -1.66 -1.01	20.28 -1.40 -1.35
NIAGARA_115W_LBMP 323714	28.93 -0.13 -2.47	24.54 -0.38 -2.79	23.07 -0.31 -2.98	22.74 -0.47 -2.84	22.66 -0.37 -2.65	23.14 -0.41 -3.13	23.16 -1.11 -3.72	24.59 -1.18 -3.44	26.31 -1.39 -3.37	27.37 -1.61 -3.04	26.80 -1.64 -2.00	24.99 -1.52 -1.55	22.20 -1.28 -1.86	20.02 -1.27 -2.02	20.71 -1.35 -1.69	20.47 -1.34 -1.77	22.48 -1.39 -1.85	27.93 -1.83 -2.43	28.29 -1.97 -1.76	27.59 -1.71 -1.27	27.89 -1.73 -0.78	26.31 -1.85 -0.60	23.71 -1.66 -1.00	20.28 -1.40 -1.34



NIAGARA_230_LBMP 323716	28.72 -0.32 -2.44	24.37 -0.51 -2.75	22.91 -0.43 -2.94	22.58 -0.59 -2.80	22.51 -0.49 -2.62	22.97 -0.53 -3.09	23.28 -0.95 -3.68	24.88 -0.85 -3.40	26.66 -1.00 -3.33	27.72 -1.22 -3.01	27.17 -1.24 -1.97	25.30 -1.20 -1.53	22.50 -0.95 -1.84	20.29 -0.98 -1.99	21.00 -1.04 -1.67	20.77 -1.02 -1.75	22.79 -1.06 -1.82	28.33 -1.39 -2.40	28.69 -1.54 -1.74	27.94 -1.35 -1.25	28.26 -1.36 -0.77	26.68 -1.46 -0.59	24.01 -1.34 -0.99	20.55 -1.12 -1.33
NIAGARA____ 23760	28.46 -0.61 -2.47	24.12 -0.80 -2.79	22.68 -0.69 -2.98	22.36 -0.85 -2.84	22.30 -0.73 -2.66	22.77 -0.78 -3.13	23.09 -1.19 -3.72	24.61 -1.16 -3.45	26.36 -1.34 -3.37	27.42 -1.56 -3.04	26.85 -1.59 -2.00	25.02 -1.50 -1.55	22.22 -1.25 -1.86	20.02 -1.27 -2.02	20.74 -1.32 -1.69	20.49 -1.32 -1.77	22.50 -1.37 -1.85	28.01 -1.75 -2.43	28.34 -1.91 -1.76	27.67 -1.63 -1.26	27.98 -1.64 -0.78	26.39 -1.76 -0.60	23.71 -1.66 -1.01	20.28 -1.40 -1.34
NINE_MILE_1 23575	27.04 -0.59 -1.03	22.82 -0.47 -1.16	21.20 -0.43 -1.24	21.10 -0.45 -1.18	21.03 -0.45 -1.10	21.29 -0.43 -1.30	21.59 -0.51 -1.55	23.23 -0.54 -1.43	25.13 -0.61 -1.40	26.53 -0.67 -1.27	26.56 -0.71 -0.83	24.96 -0.65 -0.65	21.82 -0.56 -0.77	19.57 -0.54 -0.84	20.53 -0.55 -0.70	20.22 -0.56 -0.74	22.20 -0.59 -0.77	27.57 -0.76 -1.01	28.40 -0.83 -0.73	27.74 -0.81 -0.53	28.33 -0.84 -0.32	26.97 -0.83 -0.25	24.07 -0.71 -0.42	20.35 -0.55 -0.56
NINE_MILE_2 23744	27.04 -0.59 -1.02	22.82 -0.47 -1.16	21.20 -0.43 -1.24	21.10 -0.45 -1.18	21.03 -0.45 -1.10	21.28 -0.43 -1.30	21.59 -0.51 -1.54	23.22 -0.54 -1.43	25.12 -0.61 -1.40	26.53 -0.67 -1.26	26.56 -0.71 -0.83	24.96 -0.65 -0.64	21.82 -0.56 -0.77	19.57 -0.54 -0.84	20.52 -0.55 -0.70	20.21 -0.56 -0.73	22.20 -0.59 -0.77	27.57 -0.76 -1.01	28.40 -0.83 -0.73	27.74 -0.81 -0.53	28.33 -0.84 -0.32	26.97 -0.83 -0.25	24.07 -0.71 -0.42	20.35 -0.55 -0.56
NM_CAPITAL____DRP 24208	49.72 2.00 -21.13	47.58 1.61 -23.84	47.39 1.49 -25.51	46.13 1.47 -24.29	44.55 1.47 -22.70	48.65 1.45 -26.79	53.86 1.46 -31.85	53.32 1.61 -29.39	54.78 1.73 -28.72	53.74 1.84 -25.97	45.21 1.72 -17.06	39.86 1.65 -13.25	38.90 1.43 -15.86	37.75 1.25 -17.23	36.09 1.32 -14.40	36.43 1.30 -15.08	39.15 1.37 -15.76	49.79 1.64 -20.83	45.21 1.68 -15.04	40.52 1.65 -10.84	37.19 1.70 -6.65	34.46 1.76 -5.15	34.63 1.68 -8.60	33.29 1.44 -11.50
NM_CENTRAL____DRP 24181	28.07 0.05 -1.42	23.77 0.04 -1.60	22.12 0.02 -1.71	22.00 0.00 -1.63	21.92 0.02 -1.52	22.27 0.06 -1.80	22.67 0.02 -2.14	24.33 0.02 -1.98	26.32 0.05 -1.93	27.74 0.05 -1.75	27.61 0.03 -1.15	25.85 0.00 -0.89	22.66 -0.02 -1.07	20.38 -0.06 -1.16	21.28 -0.06 -0.97	21.00 -0.06 -1.02	23.04 -0.04 -1.06	28.69 -0.03 -1.40	29.48 -0.03 -1.01	28.70 -0.06 -0.73	29.23 -0.06 -0.45	27.78 -0.11 -0.35	24.79 -0.15 -0.58	21.03 -0.08 -0.77
NM_FRONTIER____DRP 24179	28.93 -0.13 -2.47	24.54 -0.38 -2.79	23.07 -0.31 -2.98	22.74 -0.47 -2.84	22.66 -0.37 -2.65	23.14 -0.41 -3.13	23.16 -1.11 -3.72	24.59 -1.18 -3.44	26.31 -1.39 -3.37	27.37 -1.61 -3.04	26.80 -1.64 -2.00	24.99 -1.52 -1.55	22.20 -1.28 -1.86	20.02 -1.27 -2.02	20.71 -1.35 -1.69	20.47 -1.34 -1.77	22.48 -1.39 -1.85	27.93 -1.83 -2.43	28.29 -1.97 -1.76	27.59 -1.71 -1.27	27.89 -1.73 -0.78	26.31 -1.85 -0.60	23.71 -1.66 -1.00	20.28 -1.40 -1.34
NM_ST_REGIS____HYD 24053	25.16 -1.44 0.00	21.00 -1.13 0.00	19.35 -1.04 0.00	19.37 -1.00 0.00	19.26 -1.12 0.00	19.19 -1.22 0.00	19.46 -1.09 0.00	21.01 -1.32 0.00	22.85 -1.49 0.00	24.35 -1.58 0.00	24.77 -1.66 0.00	23.34 -1.62 0.00	20.23 -1.38 0.00	18.25 -1.02 0.00	19.29 -1.08 0.00	18.82 -1.22 0.00	20.61 -1.41 0.00	25.68 -1.64 0.00	26.93 -1.57 0.00	26.43 -1.60 0.00	27.11 -1.73 0.00	26.12 -1.43 0.00	23.31 -1.05 0.00	19.57 -0.77 0.00
NORTHPORT____1 23551	49.11 3.11 -19.40	46.28 2.54 -21.61	45.41 2.34 -22.67	44.50 2.38 -21.75	43.15 2.38 -20.39	46.91 2.55 -23.94	58.80 2.53 -35.71	59.59 2.81 -34.45	59.29 3.31 -31.64	57.60 3.48 -28.19	49.51 3.54 -19.53	46.59 3.35 -18.28	42.65 2.90 -18.14	39.44 2.60 -17.56	38.72 2.77 -15.57	40.39 2.70 -17.64	46.08 3.04 -21.02	59.41 3.91 -28.18	60.64 3.99 -28.16	50.61 4.01 -18.57	49.03 4.07 -16.12	47.07 3.75 -15.78	38.95 3.29 -11.31	33.75 2.54 -10.87
NORTHPORT____2 23552	49.11 3.11 -19.40	46.28 2.54 -21.61	45.41 2.34 -22.67	44.50 2.38 -21.75	43.15 2.38 -20.39	46.91 2.55 -23.94	58.80 2.53 -35.71	59.59 2.81 -34.45	59.29 3.31 -31.64	57.60 3.48 -28.19	49.51 3.54 -19.53	46.59 3.35 -18.28	42.65 2.90 -18.14	39.44 2.60 -17.56	38.72 2.77 -15.57	40.39 2.70 -17.64	46.08 3.04 -21.02	59.41 3.91 -28.18	60.64 3.99 -28.16	50.61 4.01 -18.57	49.03 4.07 -16.12	47.07 3.75 -15.78	38.95 3.29 -11.31	33.75 2.54 -10.87
NORTHPORT____3 23553	49.68 3.35 -19.73	46.77 2.70 -21.95	45.89 2.51 -22.99	44.94 2.51 -22.07	43.58 2.51 -20.69	47.28 2.61 -24.25	59.20 2.63 -36.01	59.99 2.90 -34.76	59.70 3.41 -31.96	58.05 3.58 -28.54	49.49 3.46 -19.59	46.79 3.42 -18.41	42.73 2.96 -18.16	39.50 2.64 -17.59	38.76 2.79 -15.60	40.44 2.73 -17.67	46.14 3.08 -21.03	59.13 3.55 -28.26	60.38 3.68 -28.21	50.56 3.81 -18.72	49.05 4.01 -16.20	47.45 3.80 -16.10	39.05 3.36 -11.33	33.86 2.60 -10.92
NORTHPORT____4 23650	49.68 3.35 -19.73	46.77 2.70 -21.95	45.89 2.51 -22.99	44.94 2.51 -22.07	43.58 2.51 -20.69	47.28 2.61 -24.25	59.20 2.63 -36.01	59.99 2.90 -34.76	59.70 3.41 -31.96	58.05 3.58 -28.54	49.49 3.46 -19.59	46.79 3.42 -18.41	42.73 2.96 -18.16	39.50 2.64 -17.59	38.76 2.79 -15.60	40.44 2.73 -17.67	46.14 3.08 -21.03	59.13 3.55 -28.26	60.38 3.68 -28.21	50.56 3.81 -18.72	49.05 4.01 -16.20	47.45 3.80 -16.10	39.05 3.36 -11.33	33.86 2.60 -10.92
NORTHPORT____IC 23718	49.11 3.11 -19.40	46.28 2.54 -21.61	45.41 2.34 -22.67	44.50 2.38 -21.75	43.15 2.38 -20.39	46.91 2.55 -23.94	58.80 2.53 -35.71	59.59 2.81 -34.45	59.29 3.31 -31.64	57.60 3.48 -28.19	49.51 3.54 -19.53	46.59 3.35 -18.28	42.65 2.90 -18.14	39.44 2.60 -17.56	38.72 2.77 -15.57	40.39 2.70 -17.64	46.08 3.04 -21.02	59.41 3.91 -28.18	60.64 3.99 -28.16	50.61 4.01 -18.57	49.03 4.07 -16.12	47.07 3.75 -15.78	38.95 3.29 -11.31	33.75 2.54 -10.87
NPX_GEN_1385_PROXY 323591	48.31 2.31 -19.40	45.61 1.88 -21.61	44.82 1.75 -22.67	44.06 1.94 -21.75	42.70 1.94 -20.39	46.50 2.14 -23.94	58.00 1.93 -35.52	59.12 2.14 -34.65	58.75 2.77 -31.64	57.00 2.88 -28.19	48.92 2.96 -19.53	46.04 2.80 -18.28	42.30 2.55 -18.14	39.17 2.33 -17.56	38.51 2.57 -15.57	40.13 2.44 -17.64	45.59 2.55 -21.02	59.00 3.50 -28.18	59.95 3.30 -28.16	49.90 3.31 -18.57	48.27 3.32 -16.12	44.59 2.95 -14.09	38.42 2.75 -11.31	33.47 2.26 -10.87
NPX_GEN_CSC 323557	49.98 3.32 -20.06	47.38 2.97 -22.28	46.42 2.73 -23.30	45.50 2.75 -22.38	44.12 2.75 -21.00	48.10 3.12 -24.56	59.81 3.14 -36.11	61.04 3.44 -35.27	60.47 3.87 -32.27	58.90 4.07 -28.89	50.31 4.23 -19.65	47.44 3.94 -18.53	43.29 3.48 -18.20	40.04 3.12 -17.64	39.33 3.30 -15.66	41.01 3.25 -17.72	46.74 3.66 -21.06	60.55 4.86 -28.37	61.90 5.10 -28.31	51.99 5.04 -18.92	50.10 4.90 -16.35	48.48 4.52 -16.41	39.73 4.00 -11.37	34.38 3.07 -10.97



NSINS_S_GLNS_FALLS 23858	50.93 2.39 -21.94	48.81 1.92 -24.76	48.66 1.77 -26.49	47.29 1.69 -25.22	45.64 1.69 -23.58	49.97 1.73 -27.82	55.33 1.71 -33.07	54.94 1.94 -30.68	56.52 2.21 -29.98	55.42 2.38 -27.10	46.78 2.54 -17.80	41.24 2.45 -13.83	40.42 2.25 -16.56	39.17 1.91 -17.98	37.42 2.02 -15.03	37.77 1.98 -15.74	40.60 2.14 -16.45	51.77 2.81 -21.63	46.90 2.79 -15.61	42.03 2.75 -11.25	38.52 2.77 -6.91	35.43 2.53 -5.35	35.50 2.22 -8.93	34.06 1.77 -11.95
NUCOR_STEEL____DRP 24197	29.05 0.48 -1.97	24.73 0.38 -2.23	23.10 0.33 -2.38	22.95 0.31 -2.27	22.82 0.33 -2.12	23.30 0.39 -2.50	23.84 0.31 -2.97	25.51 0.42 -2.75	27.49 0.46 -2.69	28.84 0.47 -2.43	28.51 0.48 -1.60	26.58 0.37 -1.24	23.40 0.30 -1.49	21.10 0.21 -1.61	21.95 0.22 -1.35	21.68 0.22 -1.41	23.76 0.27 -1.48	29.68 0.41 -1.95	30.33 0.43 -1.40	29.44 0.39 -1.01	29.84 0.37 -0.62	28.31 0.28 -0.48	25.36 0.19 -0.80	21.60 0.18 -1.07
NYISO_LBMP_REFERENCE 24008	26.60 0.00 0.00	22.13 0.00 0.00	20.39 0.00 0.00	20.37 0.00 0.00	20.38 0.00 0.00	20.41 0.00 0.00	20.55 0.00 0.00	22.33 0.00 0.00	24.33 0.00 0.00	25.94 0.00 0.00	26.44 0.00 0.00	24.96 0.00 0.00	21.61 0.00 0.00	19.27 0.00 0.00	20.37 0.00 0.00	20.04 0.00 0.00	22.02 0.00 0.00	27.32 0.00 0.00	28.50 0.00 0.00	28.03 0.00 0.00	28.84 0.00 0.00	27.55 0.00 0.00	24.36 0.00 0.00	20.34 0.00 0.00
NYPA_BRENTWD____GT 24164	51.30 3.51 -21.20	48.45 2.88 -23.45	47.44 2.67 -24.38	46.54 2.69 -23.47	45.11 2.69 -22.04	48.88 2.84 -25.62	60.74 2.86 -37.33	61.64 3.17 -36.14	61.37 3.70 -33.34	59.92 3.89 -30.10	50.25 3.96 -19.85	47.65 3.72 -18.96	43.14 3.22 -18.31	39.95 2.89 -17.79	39.24 3.05 -15.81	40.90 3.01 -17.85	46.55 3.39 -21.13	60.40 4.40 -28.67	61.61 4.56 -28.56	52.07 4.54 -19.50	50.17 4.56 -16.77	49.27 4.22 -17.51	39.50 3.65 -11.49	34.31 2.83 -11.15
NYPA_GOWANUS____GT5 24156	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NYPA_GOWANUS____GT6 24157	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95
NYPA_HARLEM__RVR__GT1 24160	45.82 2.79 -16.43	42.88 2.21 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.13 2.10 -17.66	43.43 2.19 -20.84	47.56 2.24 -24.77	47.55 2.32 -22.90	49.39 2.68 -22.38	49.00 2.83 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.95 2.36 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.68 3.17 -16.18	43.48 3.30 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.95 2.90 -6.69	31.49 2.20 -8.95
NYPA_HARLEM__RVR__GT2 24161	45.82 2.79 -16.43	42.88 2.21 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.13 2.10 -17.66	43.43 2.19 -20.84	47.56 2.24 -24.77	47.55 2.32 -22.90	49.39 2.68 -22.38	49.00 2.83 -20.24	42.74 3.01 -13.29	38.25 2.94 -10.34	36.50 2.53 -12.36	34.93 2.23 -13.42	33.95 2.36 -11.22	34.12 2.32 -11.75	36.94 2.64 -12.28	46.68 3.17 -16.18	43.48 3.30 -11.68	39.84 3.39 -8.42	37.58 3.58 -5.16	34.84 3.28 -4.01	33.95 2.90 -6.69	31.49 2.20 -8.95
NYPA_KENT____GT 24152	45.90 2.87 -16.44	42.93 2.26 -18.55	42.34 2.10 -19.84	41.38 2.12 -18.89	40.17 2.14 -17.66	43.41 2.16 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.72 3.53 -11.69	40.02 3.56 -8.42	37.74 3.72 -5.17	35.01 3.44 -4.02	34.02 2.97 -6.69	31.55 2.26 -8.95
NYPA_POUCH1____GT 24155	45.90 2.87 -16.43	42.95 2.28 -18.55	42.36 2.12 -19.84	41.40 2.14 -18.89	39.32 2.14 -16.80	40.95 2.16 -18.38	44.18 2.18 -21.44	46.00 2.39 -21.28	45.49 2.72 -18.43	43.71 2.85 -14.92	40.58 3.09 -11.05	38.26 2.94 -10.35	36.51 2.53 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.13 2.32 -11.76	36.99 2.69 -12.28	46.85 3.33 -16.19	43.66 3.48 -11.69	39.96 3.50 -8.42	37.68 3.66 -5.17	35.01 3.44 -4.02	34.02 2.97 -6.69	31.53 2.24 -8.95
NYPA_VERNON____GT2 24162	45.85 2.82 -16.44	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.70 2.46 -22.91	49.57 2.85 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.04 2.33 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.90 3.39 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95
NYPA_VERNON____GT3 24163	45.85 2.82 -16.44	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.70 2.46 -22.91	49.57 2.85 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.04 2.33 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.90 3.39 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95
NYPA__ASTORIA_CC1 323568	45.85 2.82 -16.43	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.33 3.02 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.88 3.36 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95
NYPA__ASTORIA_CC2 323569	45.85 2.82 -16.43	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.33 3.02 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.88 3.36 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95
NYPA__HOLTSVILL 23794	49.96 3.38 -19.98	47.14 2.81 -22.20	46.23 2.61 -23.22	45.31 2.63 -22.31	43.93 2.63 -20.93	47.74 2.84 -24.49	59.65 2.86 -36.24	60.48 3.15 -35.00	60.18 3.65 -32.19	58.58 3.84 -28.80	49.98 3.91 -19.63	47.14 3.67 -18.50	43.00 3.20 -18.20	39.76 2.85 -17.63	39.06 3.04 -15.65	40.72 2.97 -17.71	46.45 3.37 -21.06	60.04 4.37 -28.34	61.34 4.56 -28.29	51.45 4.54 -18.87	49.70 4.53 -16.33	48.05 4.16 -16.34	39.38 3.65 -11.37	34.11 2.81 -10.96



NYPY____HELLGATE_GT1 24158	45.82	42.88	42.32	41.36	40.13	43.43	47.56	47.55	49.39	49.00	42.74	38.25	36.50	34.93	33.95	34.12	36.94	46.68	43.48	39.84	37.58	34.84	33.95	31.49
	2.79	2.21	2.08	2.10	2.10	2.19	2.24	2.32	2.68	2.83	3.01	2.94	2.53	2.23	2.36	2.32	2.64	3.17	3.30	3.39	3.58	3.28	2.90	2.20
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.90	-22.38	-20.24	-13.29	-10.34	-12.36	-13.42	-11.22	-11.75	-12.28	-16.18	-11.68	-8.42	-5.16	-4.01	-6.69	-8.95
NYPY____HELLGATE_GT2 24159	45.82	42.88	42.32	41.36	40.13	43.43	47.56	47.55	49.39	49.00	42.74	38.25	36.50	34.93	33.95	34.12	36.94	46.68	43.48	39.84	37.58	34.84	33.95	31.49
	2.79	2.21	2.08	2.10	2.10	2.19	2.24	2.32	2.68	2.83	3.01	2.94	2.53	2.23	2.36	2.32	2.64	3.17	3.30	3.39	3.58	3.28	2.90	2.20
	-16.43	-18.55	-19.84	-18.89	-17.66	-20.84	-24.77	-22.90	-22.38	-20.24	-13.29	-10.34	-12.36	-13.42	-11.22	-11.75	-12.28	-16.18	-11.68	-8.42	-5.16	-4.01	-6.69	-8.95
NYS_BARGE___HYD 23848	28.98	24.51	23.04	22.71	22.66	23.14	23.40	25.09	26.84	27.92	27.38	25.50	22.65	20.38	21.12	20.89	22.94	28.55	28.93	28.20	28.53	26.90	24.19	20.68
	-0.03	-0.33	-0.27	-0.43	-0.31	-0.33	-0.78	-0.60	-0.78	-0.99	-1.00	-0.97	-0.78	-0.87	-0.90	-0.88	-0.88	-1.15	-1.28	-1.07	-1.07	-1.24	-1.14	-0.98
	-2.41	-2.72	-2.91	-2.77	-2.59	-3.05	-3.63	-3.36	-3.28	-2.97	-1.95	-1.52	-1.81	-1.97	-1.65	-1.73	-1.80	-2.37	-1.71	-1.24	-0.76	-0.59	-0.98	-1.31
O.H_GEN_BRUCE 24063	28.97	24.65	23.23	22.89	22.78	23.31	23.52	25.49	27.10	28.16	27.52	25.57	22.78	20.57	21.28	21.03	23.10	28.73	29.00	28.20	28.50	26.91	24.20	20.80
	-0.29	-0.49	-0.39	-0.55	-0.47	-0.49	-0.86	-0.76	-0.88	-1.06	-1.09	-1.07	-0.84	-0.89	-0.92	-0.92	-0.92	-1.23	-1.40	-1.20	-1.18	-1.29	-1.24	-1.00
	-2.67	-3.01	-3.22	-3.07	-2.87	-3.39	-3.83	-3.92	-3.64	-3.29	-2.16	-1.68	-2.01	-2.18	-1.83	-1.91	-2.00	-2.63	-1.90	-1.37	-0.84	-0.65	-1.09	-1.45
OAK ORCHARD___HYD 24046	28.80	24.41	22.83	22.62	22.53	23.08	23.38	25.24	26.95	28.18	27.86	26.01	23.00	20.61	21.43	21.16	23.22	29.04	29.57	28.74	29.12	27.54	24.68	21.08
	0.21	0.04	0.04	-0.04	0.02	0.14	-0.17	0.13	-0.10	-0.21	-0.18	-0.20	-0.11	-0.29	-0.31	-0.30	-0.29	-0.25	-0.34	-0.31	-0.34	-0.50	-0.49	-0.35
	-1.99	-2.24	-2.40	-2.28	-2.14	-2.52	-3.00	-2.77	-2.71	-2.45	-1.61	-1.25	-1.50	-1.63	-1.36	-1.42	-1.49	-1.96	-1.41	-1.02	-0.63	-0.48	-0.81	-1.08
OCC_CHEM___DRP 24175	28.99	24.56	23.11	22.77	22.71	23.18	23.23	24.71	26.44	27.51	26.93	25.10	22.28	20.10	20.82	20.57	22.59	28.07	28.40	27.70	28.01	26.42	23.80	20.37
	-0.08	-0.35	-0.27	-0.45	-0.33	-0.37	-1.05	-1.07	-1.27	-1.48	-1.51	-1.42	-1.19	-1.20	-1.24	-1.24	-1.28	-1.69	-1.85	-1.60	-1.61	-1.73	-1.56	-1.32
	-2.47	-2.79	-2.98	-2.84	-2.66	-3.13	-3.73	-3.45	-3.37	-3.05	-2.00	-1.56	-1.86	-2.02	-1.69	-1.77	-1.85	-2.44	-1.76	-1.27	-0.78	-0.60	-1.01	-1.35
OLIN_CORP_DRP 24177	28.58	24.23	22.81	22.48	22.40	22.90	23.18	24.78	26.51	27.58	27.00	25.11	22.34	20.14	20.85	20.60	22.63	28.14	28.47	27.77	28.07	26.47	23.84	20.40
	-0.51	-0.71	-0.59	-0.75	-0.65	-0.67	-1.13	-1.03	-1.22	-1.43	-1.45	-1.42	-1.15	-1.18	-1.22	-1.22	-1.25	-1.64	-1.79	-1.54	-1.56	-1.68	-1.53	-1.30
	-2.49	-2.81	-3.01	-2.86	-2.68	-3.16	-3.75	-3.48	-3.40	-3.07	-2.02	-1.57	-1.88	-2.04	-1.70	-1.78	-1.86	-2.46	-1.77	-1.28	-0.78	-0.61	-1.01	-1.36
OLIN_CORP_DSASP 323712	28.99	24.56	23.11	22.77	22.71	23.18	23.23	24.71	26.44	27.51	26.93	25.10	22.28	20.10	20.82	20.57	22.59	28.07	28.40	27.70	28.01	26.42	23.80	20.37
	-0.08	-0.35	-0.27	-0.45	-0.33	-0.37	-1.05	-1.07	-1.27	-1.48	-1.51	-1.42	-1.19	-1.20	-1.24	-1.24	-1.28	-1.69	-1.85	-1.60	-1.61	-1.73	-1.56	-1.32
	-2.47	-2.79	-2.98	-2.84	-2.66	-3.13	-3.73	-3.45	-3.37	-3.05	-2.00	-1.56	-1.86	-2.02	-1.69	-1.77	-1.85	-2.44	-1.76	-1.27	-0.78	-0.60	-1.01	-1.35
ONEIDA_HERK_LFGE 323681	27.23	22.64	20.82	20.80	20.81	20.92	21.17	22.93	25.09	26.90	27.26	25.71	22.13	19.70	20.86	20.52	22.55	28.17	29.41	28.87	29.62	28.24	24.92	20.79
	0.64	0.51	0.43	0.43	0.43	0.51	0.62	0.60	0.76	0.96	0.82	0.75	0.52	0.42	0.49	0.48	0.53	0.85	0.91	0.84	0.78	0.69	0.56	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	28.61	24.30	22.69	22.55	22.44	22.84	23.34	24.99	26.99	28.35	28.12	26.29	23.10	20.80	21.69	21.42	23.46	29.29	29.97	29.13	29.60	28.09	25.14	21.38
	0.27	0.20	0.18	0.16	0.18	0.20	0.14	0.22	0.27	0.26	0.26	0.22	0.17	0.10	0.12	0.12	0.13	0.25	0.23	0.20	0.20	0.11	0.07	0.08
	-1.75	-1.97	-2.11	-2.01	-1.88	-2.22	-2.64	-2.44	-2.39	-2.16	-1.42	-1.10	-1.32	-1.43	-1.20	-1.25	-1.31	-1.72	-1.24	-0.90	-0.55	-0.43	-0.71	-0.95
ONONDAGA___COGEN 23986	28.42	24.13	22.49	22.35	22.25	22.65	23.10	24.74	26.73	28.11	27.92	26.12	22.93	20.63	21.53	21.25	23.29	29.04	29.77	28.95	29.42	27.95	25.00	21.23
	0.19	0.16	0.12	0.10	0.12	0.16	0.08	0.13	0.17	0.16	0.16	0.13	0.09	0.02	0.04	0.04	0.04	0.11	0.11	0.08	0.06	0.00	-0.02	0.00
	-1.63	-1.84	-1.97	-1.88	-1.75	-2.07	-2.46	-2.28	-2.23	-2.01	-1.32	-1.03	-1.23	-1.34	-1.12	-1.17	-1.22	-1.61	-1.16	-0.84	-0.51	-0.40	-0.66	-0.89
ONTARIO___LFGE 23819	29.64	25.25	23.65	23.43	23.32	23.87	24.46	26.18	28.11	29.41	28.93	26.90	23.73	21.41	22.21	21.97	24.09	30.19	30.71	29.75	30.10	28.46	25.51	21.81
	0.69	0.47	0.41	0.35	0.41	0.47	0.35	0.56	0.56	0.57	0.58	0.45	0.34	0.21	0.22	0.24	0.31	0.55	0.54	0.51	0.52	0.33	0.19	0.18
	-2.36	-2.66	-2.85	-2.71	-2.53	-2.99	-3.55	-3.29	-3.21	-2.91	-1.91	-1.48	-1.78	-1.93	-1.61	-1.69	-1.76	-2.32	-1.68	-1.21	-0.74	-0.57	-0.96	-1.28
ORANGEVILLE_WT_PWR 323706	30.17	25.73	24.23	23.90	23.76	24.33	24.88	26.51	28.39	29.47	28.73	26.62	23.72	21.45	22.18	21.92	24.09	30.03	30.34	29.40	29.67	27.98	25.21	21.67
	0.58	0.22	0.22	0.08	0.16	0.12	-0.19	0.00	-0.02	-0.15	-0.13	-0.23	-0.15	-0.27	-0.24	-0.26	-0.18	-0.25	-0.28	-0.17	-0.11	-0.30	-0.36	-0.30
	-2.99	-3.38	-3.62	-3.44	-3.22	-3.80	-4.51	-4.18	-4.08	-3.69	-2.42	-1.88	-2.26	-2.45	-2.05	-2.14	-2.24	-2.95	-2.13	-1.54	-0.94	-0.73	-1.22	-1.63
OSWEGATCHIE___HYD 24044	25.72	21.42	19.72	19.70	19.64	19.68	19.94	21.53	23.51	25.18	25.54	24.07	20.75	18.62	19.72	19.28	21.12	26.42	27.64	27.11	27.78	26.64	23.65	19.79
	-0.88	-0.71	-0.67	-0.67	-0.73	-0.73	-0.62	-0.80	-0.83	-0.75	-0.90	-0.90	-0.87	-0.66	-0.65	-0.76	-0.90	-0.90	-0.85	-0.92	-1.07	-0.91	-0.71	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OSWEGO___5 23606	27.40	23.17	21.53	21.44	21.36	21.65	21.98	23.62	25.53	26.95	26.92	25.26	22.11	19.87	20.79	20.51	22.49	27.97	28.77	28.08	28.64	27.26	24.33	20.60
	-0.37	-0.29	-0.29	-0.29	-0.29	-0.27	-0.35	-0.36	-0.41	-0.44	-0.48	-0.45	-0.39	-0.37	-0.39	-0.38	-0.42	-0.52	-0.57	-0.56	-0.58	-0.58	-0.51	-0.39
	-1.18	-1.33	-1.43	-1.36	-1.27	-1.50	-1.78	-1.65	-1.61	-1.46	-0.96	-0.74	-0.89	-0.97	-0.81	-0.85	-0.88	-1.16	-0.84	-0.61	-0.37	-0.29	-0.48	-0.64



OSWEGO___6 23613	27.40 -0.37 -1.18	23.17 -0.29 -1.33	21.53 -0.29 -1.43	21.44 -0.29 -1.36	21.36 -0.29 -1.27	21.65 -0.27 -1.50	21.98 -0.35 -1.78	23.62 -0.36 -1.65	25.53 -0.41 -1.61	26.95 -0.44 -1.46	26.92 -0.48 -0.96	25.26 -0.45 -0.74	22.11 -0.39 -0.89	19.87 -0.37 -0.97	20.79 -0.39 -0.81	20.51 -0.38 -0.85	22.49 -0.42 -0.88	27.97 -0.52 -1.16	28.77 -0.57 -0.84	28.08 -0.56 -0.61	28.64 -0.58 -0.37	27.26 -0.58 -0.29	24.33 -0.51 -0.48	20.60 -0.39 -0.64
OUTOKUMPU-AB___DRP 24206	29.61 0.50 -2.51	25.05 0.09 -2.84	23.57 0.14 -3.04	23.22 -0.04 -2.89	23.18 0.10 -2.70	23.62 0.02 -3.19	23.87 -0.47 -3.79	25.52 -0.31 -3.51	27.32 -0.44 -3.43	28.44 -0.60 -3.10	27.87 -0.61 -2.04	25.95 -0.60 -1.58	23.03 -0.48 -1.89	20.73 -0.60 -2.06	21.50 -0.59 -1.72	21.24 -0.60 -1.80	23.35 -0.55 -1.88	29.04 -0.76 -2.48	29.43 -0.85 -1.79	28.65 -0.67 -1.29	28.97 -0.66 -0.79	27.31 -0.85 -0.61	24.58 -0.80 -1.02	21.00 -0.71 -1.37
OXBOW___ 24026	29.38 0.29 -2.49	24.85 -0.09 -2.81	23.38 -0.02 -3.01	23.04 -0.20 -2.87	22.99 -0.06 -2.68	23.43 -0.14 -3.16	23.59 -0.72 -3.76	25.16 -0.65 -3.48	26.93 -0.80 -3.40	28.02 -0.99 -3.07	27.45 -1.00 -2.02	25.58 -0.95 -1.57	22.71 -0.78 -1.88	20.47 -0.85 -2.04	21.20 -0.88 -1.70	20.95 -0.88 -1.79	23.03 -0.86 -1.87	28.61 -1.17 -2.46	28.99 -1.28 -1.77	28.25 -1.07 -1.28	28.56 -1.07 -0.78	26.95 -1.21 -0.61	24.25 -1.12 -1.01	20.72 -0.98 -1.36
OXY_CHEM_DSASP 323612	28.99 -0.08 -2.47	24.56 -0.35 -2.79	23.11 -0.27 -2.98	22.77 -0.45 -2.84	22.71 -0.33 -2.66	23.18 -0.37 -3.13	23.23 -1.05 -3.73	24.71 -1.07 -3.45	26.44 -1.27 -3.37	27.51 -1.48 -3.05	26.93 -1.51 -2.00	25.10 -1.42 -1.56	22.28 -1.19 -1.86	20.10 -1.20 -2.02	20.82 -1.24 -1.69	20.57 -1.24 -1.77	22.59 -1.28 -1.85	28.07 -1.69 -2.44	28.40 -1.85 -1.76	27.70 -1.60 -1.27	28.01 -1.61 -0.78	26.42 -1.73 -0.60	23.80 -1.56 -1.01	20.37 -1.32 -1.35
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.99 -0.08 -2.47	24.56 -0.35 -2.79	23.11 -0.27 -2.98	22.77 -0.45 -2.84	22.71 -0.33 -2.66	23.18 -0.37 -3.13	23.23 -1.05 -3.73	24.71 -1.07 -3.45	26.44 -1.27 -3.37	27.51 -1.48 -3.05	26.93 -1.51 -2.00	25.10 -1.42 -1.56	22.28 -1.19 -1.86	20.10 -1.20 -2.02	20.82 -1.24 -1.69	20.57 -1.24 -1.77	22.59 -1.28 -1.85	28.07 -1.69 -2.44	28.40 -1.85 -1.76	27.70 -1.60 -1.27	28.01 -1.61 -0.78	26.42 -1.73 -0.60	23.80 -1.56 -1.01	20.37 -1.32 -1.35
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.74 2.71 -16.43	42.84 2.17 -18.55	42.25 2.02 -19.84	41.30 2.04 -18.89	40.09 2.06 -17.66	43.37 2.12 -20.84	47.50 2.18 -24.77	47.53 2.30 -22.90	49.42 2.70 -22.38	49.00 2.83 -20.24	42.77 3.04 -13.29	38.20 2.89 -10.34	36.45 2.48 -12.36	34.91 2.22 -13.42	33.93 2.34 -11.22	34.08 2.28 -11.75	36.92 2.62 -12.28	46.73 3.22 -16.18	43.54 3.36 -11.68	39.81 3.36 -8.42	37.52 3.52 -5.16	34.81 3.25 -4.01	33.85 2.80 -6.69	31.45 2.16 -8.95
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.82 2.79 -16.43	42.91 2.23 -18.55	42.32 2.08 -19.84	41.34 2.08 -18.89	40.13 2.10 -17.66	43.43 2.19 -20.84	47.56 2.24 -24.77	47.60 2.37 -22.90	49.49 2.77 -22.38	49.08 2.90 -20.24	42.87 3.14 -13.29	38.27 2.97 -10.34	36.54 2.57 -12.36	34.99 2.29 -13.42	34.01 2.42 -11.22	34.16 2.36 -11.75	37.01 2.71 -12.28	46.84 3.33 -16.18	43.65 3.48 -11.68	39.92 3.48 -8.42	37.64 3.63 -5.16	34.92 3.36 -4.01	33.95 2.90 -6.69	31.53 2.24 -8.95
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.11 0.77 -2.74	25.53 0.31 -3.09	24.03 0.33 -3.31	23.69 0.16 -3.15	23.61 0.29 -2.95	24.09 0.20 -3.48	24.58 -0.10 -4.13	26.27 0.11 -3.83	28.17 0.10 -3.74	29.32 0.00 -3.38	28.68 0.03 -2.22	26.64 -0.05 -1.73	23.65 -0.02 -2.06	21.34 -0.17 -2.24	22.13 -0.12 -1.87	21.84 -0.16 -1.96	24.03 -0.04 -2.05	29.92 -0.11 -2.70	30.28 -0.17 -1.95	29.41 -0.03 -1.41	29.76 0.06 -0.86	28.03 -0.19 -0.67	25.16 -0.32 -1.12	21.59 -0.24 -1.49
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.29 2.79 -16.90	43.43 2.23 -19.07	42.88 2.08 -20.40	41.92 2.12 -19.43	40.57 2.04 -18.16	43.90 2.06 -21.43	48.16 2.14 -25.47	48.31 2.41 -23.57	50.23 2.87 -23.03	49.74 2.98 -20.82	43.37 3.25 -13.68	38.49 2.89 -10.63	36.84 2.51 -12.72	35.32 2.23 -13.82	34.26 2.34 -11.54	34.38 2.24 -12.10	37.28 2.62 -12.64	47.40 3.42 -16.66	44.02 3.50 -12.03	40.17 3.48 -8.67	37.77 3.61 -5.32	34.94 3.28 -4.12	33.99 2.75 -6.88	31.58 2.03 -9.20
PEEKSKILL___ 23653	45.06 2.21 -16.26	42.22 1.75 -18.35	41.66 1.63 -19.63	40.72 1.65 -18.69	39.50 1.65 -17.47	42.71 1.67 -20.62	46.77 1.71 -24.51	46.97 1.97 -22.68	48.81 2.31 -22.17	48.39 2.41 -20.04	42.22 2.62 -13.16	37.64 2.45 -10.23	35.95 2.10 -12.24	34.44 1.87 -13.30	33.46 1.98 -11.11	33.61 1.92 -11.64	36.41 2.22 -12.16	46.11 2.76 -16.03	42.92 2.85 -11.57	39.23 2.86 -8.34	36.96 3.00 -5.12	34.27 2.75 -3.96	33.29 2.32 -6.62	30.92 1.73 -8.85
PGE MADISON___WINDPWR 24146	34.60 2.93 -5.07	30.18 2.32 -5.73	28.58 2.06 -6.13	28.22 2.02 -5.83	27.91 2.08 -5.45	29.13 2.29 -6.43	30.73 2.53 -7.65	32.11 2.70 -7.08	34.44 3.19 -6.92	35.88 3.68 -6.26	34.01 3.46 -4.11	31.28 3.12 -3.19	27.81 2.38 -3.82	25.41 1.99 -4.15	26.04 2.20 -3.47	25.86 2.18 -3.64	28.24 2.42 -3.80	35.77 3.44 -5.00	35.78 3.68 -3.61	34.08 3.45 -2.60	33.84 3.40 -1.60	31.82 3.03 -1.24	28.86 2.44 -2.06	25.08 1.97 -2.76
PIERCEFIELD___HYD 23852	25.11 -1.49 0.00	20.95 -1.17 0.00	19.31 -1.08 0.00	19.31 -1.06 0.00	19.19 -1.18 0.00	19.11 -1.31 0.00	19.36 -1.19 0.00	20.88 -1.45 0.00	22.70 -1.63 0.00	24.25 -1.69 0.00	24.64 -1.80 0.00	23.24 -1.72 0.00	20.12 -1.49 0.00	18.19 -1.08 0.00	19.23 -1.14 0.00	18.72 -1.32 0.00	20.48 -1.54 0.00	25.55 -1.78 0.00	26.76 -1.74 0.00	26.24 -1.79 0.00	26.91 -1.93 0.00	25.92 -1.63 0.00	23.19 -1.17 0.00	19.47 -0.87 0.00
PINELAWN_CC_1 323563	56.09 3.48 -26.02	53.36 2.81 -28.42	51.97 2.61 -28.97	51.09 2.61 -28.11	49.46 2.61 -26.48	53.28 2.72 -30.15	64.95 2.73 -41.66	66.06 3.04 -40.69	65.80 3.55 -37.91	64.91 3.74 -35.24	50.94 3.78 -20.73	49.30 3.54 -20.80	43.45 3.07 -18.77	40.39 2.74 -18.38	39.72 2.91 -16.44	41.30 2.84 -18.41	46.71 3.24 -21.45	61.44 4.13 -29.99	62.39 4.27 -29.62	54.33 4.29 -22.01	51.73 4.36 -18.53	53.75 4.05 -22.15	39.84 3.51 -11.97	34.97 2.73 -11.90
PJM_GEN_HTP_PROXY 323702	45.65 2.63 -16.42	42.74 2.08 -18.53	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.82	47.17 2.06 -24.56	47.80 2.37 -23.11	49.47 2.75 -22.39	49.06 2.88 -20.24	42.80 3.07 -13.30	38.23 2.92 -10.34	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.10 2.30 -11.76	36.92 2.62 -12.28	46.74 3.22 -16.19	43.52 3.33 -11.69	39.82 3.36 -8.42	37.53 3.52 -5.17	34.81 3.25 -4.01	33.79 2.75 -6.68	31.38 2.10 -8.94
PJM_GEN_KEystone 24065	36.20 0.93 -8.67	33.43 0.62 -10.69	31.60 0.53 -10.68	31.01 0.47 -10.17	30.37 0.49 -9.51	32.10 0.47 -11.22	34.04 0.35 -13.14	35.36 0.49 -12.54	37.00 0.61 -12.06	37.41 0.57 -10.90	34.26 0.66 -7.16	31.10 0.57 -5.57	28.79 0.52 -6.66	26.93 0.42 -7.23	26.87 0.45 -6.04	26.80 0.42 -6.33	29.19 0.55 -6.62	36.70 0.65 -8.72	35.39 0.60 -6.30	33.27 0.70 -4.54	32.46 0.84 -2.78	30.34 0.63 -2.16	28.37 0.41 -3.60	25.48 0.32 -4.82



PJM_GEN_NEPTUNE_PROXY 323594	46.79 3.06 -17.14	40.29 2.43 -15.73	42.54 2.28 -19.86	38.92 2.28 -16.26	37.82 2.30 -15.14	44.60 2.37 -21.82	56.42 2.38 -33.48	57.47 2.63 -32.51	56.92 3.09 -29.50	53.06 3.24 -23.88	48.83 3.28 -19.11	45.48 3.09 -17.42	41.11 2.68 -16.82	37.51 2.39 -15.84	36.68 2.55 -13.76	38.55 2.46 -16.04	44.94 2.80 -20.12	57.54 3.50 -26.72	57.82 3.62 -25.71	47.00 3.67 -15.30	44.29 3.75 -11.70	44.64 3.50 -13.59	37.32 3.04 -9.92	33.21 2.36 -10.51
PJM_GEN_VFT_PROXY 323633	45.50 2.47 -16.43	42.61 1.95 -18.54	42.04 1.81 -19.83	41.11 1.85 -18.88	38.18 1.90 -15.91	38.18 1.94 -15.83	40.33 1.97 -17.80	44.40 2.28 -19.79	41.38 2.70 -14.35	38.18 2.83 -9.42	38.18 3.01 -8.73	38.18 2.87 -10.35	36.46 2.48 -12.37	34.90 2.20 -13.43	33.92 2.32 -11.22	34.06 2.26 -11.76	36.88 2.58 -12.28	46.66 3.14 -16.19	43.40 3.22 -11.69	39.73 3.28 -8.42	37.47 3.46 -5.17	34.76 3.19 -4.02	33.75 2.70 -6.68	31.34 2.05 -8.94
PLEASANTVLY___LBMP 24000	45.93 2.26 -17.07	43.18 1.79 -19.27	42.68 1.67 -20.61	41.67 1.67 -19.63	40.39 1.67 -18.34	43.75 1.69 -21.65	48.02 1.73 -25.73	48.13 1.99 -23.81	49.92 2.31 -23.27	49.39 2.41 -21.04	42.85 2.59 -13.82	38.12 2.42 -10.74	36.56 2.10 -12.85	35.10 1.87 -13.96	34.01 1.98 -11.66	34.19 1.92 -12.22	36.99 2.20 -12.77	46.88 2.73 -16.83	43.47 2.82 -12.15	39.62 2.83 -8.76	37.16 2.94 -5.37	34.44 2.73 -4.16	33.62 2.32 -6.95	31.39 1.75 -9.30
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.59 2.45 -16.55	42.75 1.95 -18.67	42.19 1.81 -19.98	41.23 1.83 -19.02	39.99 1.83 -17.78	43.25 1.86 -20.98	47.39 1.89 -24.94	47.55 2.14 -23.08	49.40 2.51 -22.56	48.95 2.62 -20.39	42.66 2.83 -13.40	38.04 2.67 -10.41	36.36 2.29 -12.46	34.85 2.04 -13.53	33.84 2.16 -11.31	33.99 2.10 -11.85	36.82 2.42 -12.37	46.61 2.98 -16.31	43.38 3.11 -11.78	39.63 3.11 -8.49	37.31 3.26 -5.21	34.56 2.98 -4.03	33.62 2.53 -6.73	31.26 1.91 -9.01
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.69 2.58 -17.52	43.97 2.08 -19.77	43.48 1.94 -21.15	42.44 1.94 -20.14	41.13 1.94 -18.82	44.58 1.96 -22.21	48.95 1.99 -26.40	48.96 2.21 -24.42	50.83 2.63 -23.87	50.27 2.75 -21.58	43.55 2.93 -14.18	38.67 2.70 -11.02	37.11 2.31 -13.18	35.69 2.10 -14.32	34.56 2.22 -11.96	34.74 2.17 -12.54	37.61 2.49 -13.10	47.70 3.11 -17.27	44.21 3.25 -12.46	40.24 3.22 -8.98	37.70 3.34 -5.51	34.87 3.06 -4.27	34.07 2.58 -7.13	31.83 1.95 -9.54
POLETTI____ 23519	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.63 2.39 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.88 3.14 -13.30	38.25 2.94 -10.35	36.53 2.55 -12.37	34.98 2.27 -13.43	34.00 2.40 -11.22	34.14 2.34 -11.76	36.97 2.66 -12.28	46.79 3.28 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.59 3.58 -5.17	34.87 3.30 -4.02	33.84 2.80 -6.68	31.42 2.14 -8.94
PORT_JEFF_3 23555	50.12 3.46 -20.06	47.29 2.88 -22.29	46.36 2.67 -23.30	45.45 2.69 -22.38	44.06 2.69 -21.00	47.87 2.90 -24.56	59.78 2.92 -36.31	60.64 3.24 -35.07	60.33 3.72 -32.27	58.74 3.92 -28.89	50.08 3.99 -19.65	47.27 3.77 -18.53	43.08 3.26 -18.20	39.83 2.91 -17.64	39.13 3.10 -15.66	40.79 3.03 -17.72	46.52 3.43 -21.06	60.17 4.48 -28.37	61.48 4.67 -28.31	51.57 4.62 -18.92	49.81 4.61 -16.36	48.24 4.27 -16.42	39.46 3.73 -11.37	34.18 2.87 -10.97
PORT_JEFF_4 23616	50.12 3.46 -20.06	47.29 2.88 -22.29	46.36 2.67 -23.30	45.45 2.69 -22.38	44.06 2.69 -21.00	47.87 2.90 -24.56	59.78 2.92 -36.31	60.64 3.24 -35.07	60.33 3.72 -32.27	58.74 3.92 -28.89	50.08 3.99 -19.65	47.27 3.77 -18.53	43.08 3.26 -18.20	39.83 2.91 -17.64	39.13 3.10 -15.66	40.79 3.03 -17.72	46.52 3.43 -21.06	60.17 4.48 -28.37	61.48 4.67 -28.31	51.57 4.62 -18.92	49.81 4.61 -16.36	48.24 4.27 -16.42	39.46 3.73 -11.37	34.18 2.87 -10.97
PORT_JEFF_IC 23713	50.41 3.51 -20.31	47.61 2.94 -22.54	46.63 2.71 -23.53	45.72 2.73 -22.62	44.33 2.73 -21.22	48.16 2.96 -24.79	60.06 2.98 -36.53	60.93 3.30 -35.30	60.65 3.82 -32.50	59.10 4.02 -29.15	50.23 4.10 -19.69	47.43 3.84 -18.62	43.19 3.35 -18.23	39.94 2.99 -17.67	39.22 3.16 -15.69	40.90 3.11 -17.75	46.62 3.52 -21.08	60.34 4.59 -28.43	61.64 4.79 -28.36	51.81 4.74 -19.04	50.02 4.73 -16.44	48.55 4.35 -16.65	39.55 3.80 -11.40	34.28 2.93 -11.01
PPL PILGRIM_ST_GT1 24216	51.30 3.51 -21.20	48.45 2.88 -23.45	47.44 2.67 -24.38	46.54 2.69 -23.47	45.11 2.69 -22.04	48.88 2.84 -25.62	60.74 2.86 -37.33	61.64 3.17 -36.14	61.37 3.70 -33.34	59.92 3.89 -30.10	50.25 3.96 -19.85	47.65 3.72 -18.96	43.14 3.22 -18.31	39.95 2.89 -17.79	39.24 3.05 -15.81	40.90 3.01 -17.85	46.55 3.39 -21.13	60.40 4.40 -28.67	61.61 4.56 -28.56	52.07 4.54 -19.50	50.17 4.56 -16.77	49.27 4.22 -17.51	39.50 3.65 -11.49	34.31 2.83 -11.15
PPL PILGRIM_ST_GT2 24217	51.30 3.51 -21.20	48.45 2.88 -23.45	47.44 2.67 -24.38	46.54 2.69 -23.47	45.11 2.69 -22.04	48.88 2.84 -25.62	60.74 2.86 -37.33	61.64 3.17 -36.14	61.37 3.70 -33.34	59.92 3.89 -30.10	50.25 3.96 -19.85	47.65 3.72 -18.96	43.14 3.22 -18.31	39.95 2.89 -17.79	39.24 3.05 -15.81	40.90 3.01 -17.85	46.55 3.39 -21.13	60.40 4.40 -28.67	61.61 4.56 -28.56	52.07 4.54 -19.50	50.17 4.56 -16.77	49.27 4.22 -17.51	39.50 3.65 -11.49	34.31 2.83 -11.15
PPL_SHRM_GT3 24213	50.08 3.32 -20.16	47.46 2.94 -22.39	46.50 2.71 -23.39	45.58 2.73 -22.48	44.20 2.73 -21.09	48.17 3.10 -24.65	60.07 3.12 -36.40	60.91 3.42 -35.17	60.54 3.84 -32.36	58.97 4.04 -28.99	50.28 4.18 -19.66	47.45 3.92 -18.57	43.28 3.46 -18.21	40.01 3.08 -17.66	39.32 3.28 -15.67	41.00 3.23 -17.73	46.72 3.63 -21.07	60.55 4.84 -28.39	61.90 5.07 -28.33	52.01 5.02 -18.97	50.11 4.88 -16.39	48.55 4.49 -16.51	39.71 3.97 -11.38	34.38 3.05 -10.98
PPL_SHRM_GT4 24214	50.08 3.32 -20.16	47.46 2.94 -22.39	46.50 2.71 -23.39	45.58 2.73 -22.48	44.20 2.73 -21.09	48.17 3.10 -24.65	60.07 3.12 -36.40	60.91 3.42 -35.17	60.54 3.84 -32.36	58.97 4.04 -28.99	50.28 4.18 -19.66	47.45 3.92 -18.57	43.28 3.46 -18.21	40.01 3.08 -17.66	39.32 3.28 -15.67	41.00 3.23 -17.73	46.72 3.63 -21.07	60.55 4.84 -28.39	61.90 5.07 -28.33	52.01 5.02 -18.97	50.11 4.88 -16.39	48.55 4.49 -16.51	39.71 3.97 -11.38	34.38 3.05 -10.98
PROJECT___ORANGE 1 24174	28.12 0.08 -1.44	23.82 0.07 -1.62	22.17 0.04 -1.74	22.05 0.02 -1.65	21.96 0.04 -1.55	22.32 0.08 -1.82	22.72 0.00 -2.17	24.38 0.04 -2.01	26.35 0.05 -1.96	27.76 0.05 -1.78	27.66 0.05 -1.17	25.89 0.02 -0.91	22.70 0.00 -1.08	20.41 -0.04 -1.18	21.32 -0.04 -0.98	21.03 -0.04 -1.03	23.08 -0.02 -1.08	28.74 0.00 -1.42	29.52 0.00 -1.02	28.74 -0.03 -0.74	29.24 -0.06 -0.45	27.79 -0.11 -0.35	24.82 -0.12 -0.59	21.04 -0.08 -0.78
PROJECT___ORANGE 2 24166	28.12 0.08 -1.44	23.82 0.07 -1.62	22.17 0.04 -1.74	22.05 0.02 -1.65	21.96 0.04 -1.55	22.32 0.08 -1.82	22.72 0.00 -2.17	24.38 0.04 -2.01	26.35 0.05 -1.96	27.76 0.05 -1.78	27.66 0.05 -1.17	25.89 0.02 -0.91	22.70 0.00 -1.08	20.41 -0.04 -1.18	21.32 -0.04 -0.98	21.03 -0.04 -1.03	23.08 -0.02 -1.08	28.74 0.00 -1.42	29.52 0.00 -1.02	28.74 -0.03 -0.74	29.24 -0.06 -0.45	27.79 -0.11 -0.35	24.82 -0.12 -0.59	21.04 -0.08 -0.78



PYRITES___HYD 24023	25.29 -1.30 0.00	21.11 -1.02 0.00	19.43 -0.96 0.00	19.46 -0.92 0.00	19.34 -1.04 0.00	19.31 -1.10 0.00	19.65 -0.90 0.00	21.19 -1.14 0.00	23.07 -1.27 0.00	24.69 -1.24 0.00	25.04 -1.40 0.00	23.59 -1.37 0.00	20.40 -1.21 0.00	18.37 -0.91 0.00	19.44 -0.94 0.00	18.98 -1.06 0.00	20.79 -1.23 0.00	25.96 -1.37 0.00	27.18 -1.31 0.00	26.66 -1.37 0.00	27.31 -1.53 0.00	26.26 -1.29 0.00	23.38 -0.98 0.00	19.61 -0.73 0.00
RAMAPO___LBMP 323565	44.46 2.05 -15.82	41.59 1.61 -17.85	41.00 1.51 -19.10	40.08 1.53 -18.18	38.90 1.53 -16.99	42.02 1.55 -20.05	45.98 1.58 -23.84	46.20 1.81 -22.06	48.03 2.14 -21.56	47.68 2.26 -19.49	41.67 2.43 -12.80	37.18 2.27 -9.95	35.49 1.97 -11.91	33.96 1.75 -12.93	33.03 1.85 -10.81	33.17 1.80 -11.32	35.94 2.09 -11.83	45.48 2.57 -15.59	42.43 2.68 -11.26	38.81 2.66 -8.11	36.65 2.83 -4.98	33.99 2.59 -3.85	32.96 2.17 -6.44	30.56 1.61 -8.61
RANKINE____ 23646	29.88 0.61 -2.67	25.32 0.18 -3.01	23.82 0.20 -3.23	23.46 0.02 -3.07	23.41 0.16 -2.87	23.88 0.08 -3.39	24.31 -0.27 -4.03	26.01 -0.04 -3.73	27.85 -0.12 -3.64	29.00 -0.23 -3.29	28.36 -0.24 -2.16	26.35 -0.30 -1.68	23.43 -0.19 -2.01	21.13 -0.33 -2.19	21.89 -0.31 -1.83	21.63 -0.32 -1.91	23.78 -0.24 -2.00	29.57 -0.38 -2.63	29.97 -0.43 -1.90	29.12 -0.28 -1.37	29.42 -0.26 -0.84	27.73 -0.47 -0.65	24.96 -0.49 -1.09	21.35 -0.45 -1.45
RAVENSWOOD_GT2_1 24244	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.74 3.22 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.82 3.25 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT2_2 24245	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.74 3.22 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.82 3.25 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT2_3 24246	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.25 2.00 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.61 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.26 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.13 2.32 -11.76	36.97 2.66 -12.28	46.77 3.25 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.59 3.58 -5.17	34.85 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT2_4 24247	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.25 2.00 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.83	47.39 2.08 -24.76	47.61 2.37 -22.91	49.50 2.77 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.26 2.94 -10.35	36.51 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.13 2.32 -11.76	36.97 2.66 -12.28	46.77 3.25 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.59 3.58 -5.17	34.85 3.28 -4.02	33.84 2.80 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT3_1 24248	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.51 2.53 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.77 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.82 3.25 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT3_2 24249	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.51 2.53 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.77 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.82 3.25 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT3_3 24250	45.71 2.69 -16.43	42.79 2.12 -18.54	42.20 1.98 -19.83	41.25 2.00 -18.88	40.04 2.02 -17.65	43.30 2.06 -20.83	47.41 2.10 -24.76	47.63 2.39 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.85 3.12 -13.30	38.28 2.97 -10.35	36.53 2.55 -12.37	34.98 2.27 -13.43	34.00 2.40 -11.22	34.15 2.34 -11.76	36.97 2.66 -12.28	46.79 3.28 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.59 3.58 -5.17	34.88 3.30 -4.02	33.87 2.82 -6.68	31.42 2.14 -8.94
RAVENSWOOD_GT3_4 24251	45.71 2.69 -16.43	42.79 2.12 -18.54	42.20 1.98 -19.83	41.25 2.00 -18.88	40.04 2.02 -17.65	43.30 2.06 -20.83	47.41 2.10 -24.76	47.63 2.39 -22.91	49.52 2.80 -22.39	49.11 2.93 -20.24	42.85 3.12 -13.30	38.28 2.97 -10.35	36.53 2.55 -12.37	34.98 2.27 -13.43	34.00 2.40 -11.22	34.15 2.34 -11.76	36.97 2.66 -12.28	46.79 3.28 -16.19	43.57 3.39 -11.69	39.87 3.42 -8.42	37.59 3.58 -5.17	34.88 3.30 -4.02	33.87 2.82 -6.68	31.42 2.14 -8.94
RAVENSWOOD_GT_1 23729	45.85 2.82 -16.44	42.91 2.23 -18.55	42.32 2.08 -19.84	41.36 2.10 -18.89	40.15 2.12 -17.66	43.39 2.14 -20.84	47.50 2.18 -24.77	47.70 2.46 -22.91	49.57 2.85 -22.39	49.16 2.98 -20.24	42.93 3.20 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.04 2.33 -13.43	34.06 2.46 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.90 3.39 -16.19	43.69 3.50 -11.69	39.99 3.53 -8.42	37.71 3.69 -5.17	34.99 3.42 -4.02	33.97 2.92 -6.69	31.53 2.24 -8.95
RAVENSWOOD_GT_10 24258	45.66 2.63 -16.43	42.77 2.10 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.74 3.22 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.82 3.25 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT_11 24259	45.66 2.63 -16.43	42.77 2.10 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.74 3.22 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.82 3.25 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT_4 24252	45.65 2.63 -16.42	42.74 2.08 -18.53	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.64	43.24 2.00 -20.82	47.35 2.04 -24.76	47.58 2.34 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.80 3.07 -13.30	38.21 2.89 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.93 2.62 -12.28	46.74 3.22 -16.19	43.52 3.33 -11.69	39.82 3.36 -8.42	37.53 3.52 -5.17	34.82 3.25 -4.02	33.79 2.75 -6.68	31.38 2.10 -8.94



RAVENSWOOD_GT_5 24254	45.65 2.63 -16.42	42.74 2.08 -18.53	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.64	43.24 2.00 -20.82	47.35 2.04 -24.76	47.58 2.34 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.80 3.07 -13.30	38.21 2.89 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.93 2.62 -12.28	46.74 3.22 -16.19	43.52 3.33 -11.69	39.82 3.36 -8.42	37.53 3.52 -5.17	34.82 3.25 -4.02	33.79 2.75 -6.68	31.38 2.10 -8.94
RAVENSWOOD_GT_6 24253	45.65 2.63 -16.42	42.74 2.08 -18.53	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.64	43.24 2.00 -20.82	47.35 2.04 -24.76	47.58 2.34 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.80 3.07 -13.30	38.21 2.89 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.93 2.62 -12.28	46.74 3.22 -16.19	43.52 3.33 -11.69	39.82 3.36 -8.42	37.53 3.52 -5.17	34.82 3.25 -4.02	33.79 2.75 -6.68	31.38 2.10 -8.94
RAVENSWOOD_GT_7 24255	45.65 2.63 -16.42	42.74 2.08 -18.53	42.16 1.94 -19.83	41.21 1.96 -18.88	40.00 1.98 -17.64	43.24 2.00 -20.82	47.35 2.04 -24.76	47.58 2.34 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.80 3.07 -13.30	38.21 2.89 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.93 2.62 -12.28	46.74 3.22 -16.19	43.52 3.33 -11.69	39.82 3.36 -8.42	37.53 3.52 -5.17	34.82 3.25 -4.02	33.79 2.75 -6.68	31.38 2.10 -8.94
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.66 2.63 -16.43	42.77 2.10 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.74 3.22 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.82 3.25 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD_GT_9 24257	45.66 2.63 -16.43	42.77 2.10 -18.54	42.16 1.94 -19.83	41.23 1.98 -18.88	40.00 1.98 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.48 2.51 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.74 3.22 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.82 3.25 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD___1 23533	45.82 2.79 -16.43	42.88 2.21 -18.55	42.29 2.06 -19.84	41.34 2.08 -18.89	40.13 2.10 -17.66	43.37 2.14 -20.84	47.48 2.18 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.19 2.40 -11.76	37.04 2.73 -12.28	46.88 3.36 -16.19	43.69 3.50 -11.69	39.96 3.50 -8.42	37.68 3.66 -5.17	34.96 3.39 -4.02	33.97 2.92 -6.69	31.51 2.22 -8.95
RAVENSWOOD___2 23534	45.82 2.79 -16.43	42.88 2.21 -18.55	42.29 2.06 -19.84	41.34 2.08 -18.89	40.13 2.10 -17.66	43.37 2.12 -20.84	47.48 2.16 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.33 3.02 -10.35	36.57 2.59 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.04 2.73 -12.28	46.88 3.36 -16.19	43.66 3.48 -11.69	39.96 3.50 -8.42	37.68 3.66 -5.17	34.96 3.39 -4.02	33.95 2.90 -6.69	31.51 2.22 -8.95
RAVENSWOOD___3 23535	45.68 2.66 -16.43	42.77 2.10 -18.54	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.26 2.02 -20.83	47.37 2.06 -24.76	47.61 2.37 -22.91	49.47 2.75 -22.39	49.06 2.88 -20.24	42.83 3.09 -13.30	38.23 2.92 -10.35	36.51 2.53 -12.37	34.94 2.23 -13.43	33.96 2.36 -11.22	34.11 2.30 -11.76	36.95 2.64 -12.28	46.77 3.25 -16.19	43.55 3.36 -11.69	39.85 3.39 -8.42	37.56 3.55 -5.17	34.85 3.28 -4.02	33.82 2.78 -6.68	31.40 2.12 -8.94
RAVENSWOOD___4 23820	45.82 2.79 -16.43	42.88 2.21 -18.54	42.29 2.06 -19.84	41.34 2.08 -18.89	40.13 2.10 -17.66	43.37 2.12 -20.83	47.48 2.16 -24.77	47.65 2.41 -22.91	49.52 2.80 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.31 2.99 -10.35	36.57 2.59 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.04 2.73 -12.28	46.85 3.33 -16.19	43.66 3.48 -11.69	39.96 3.50 -8.42	37.68 3.66 -5.17	34.96 3.39 -4.02	33.95 2.90 -6.69	31.51 2.22 -8.95
RCPL_TRUST___DRP 24196	45.68 2.66 -16.42	42.76 2.10 -18.53	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.82	47.39 2.08 -24.76	47.63 2.39 -22.91	49.52 2.80 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.34	36.50 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.54 3.36 -11.69	39.84 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.01	33.84 2.80 -6.68	31.40 2.12 -8.94
RENSSELAER___COGEN 23796	49.43 1.94 -20.90	47.28 1.57 -23.58	47.07 1.45 -25.23	45.82 1.43 -24.02	44.25 1.43 -22.45	48.30 1.39 -26.49	53.47 1.42 -31.50	52.94 1.52 -29.09	54.40 1.63 -28.43	53.38 1.74 -25.71	44.94 1.61 -16.89	39.61 1.52 -13.12	38.63 1.32 -15.70	37.49 1.16 -17.06	35.87 1.24 -14.25	36.20 1.22 -14.93	38.90 1.28 -15.60	49.48 1.56 -20.60	44.96 1.59 -14.87	40.34 1.60 -10.72	37.06 1.64 -6.58	34.35 1.71 -5.09	34.47 1.61 -8.50	33.10 1.38 -11.38
REVERE_CPPR_DRP 24186	28.13 1.01 -0.52	23.51 0.80 -0.59	21.72 0.69 -0.63	21.65 0.67 -0.60	21.65 0.71 -0.56	21.87 0.80 -0.66	22.23 0.88 -0.79	23.98 0.92 -0.73	26.17 1.12 -0.72	27.93 1.35 -0.65	28.08 1.22 -0.43	26.42 1.12 -0.33	22.83 0.82 -0.40	20.38 0.67 -0.43	21.51 0.77 -0.36	21.18 0.76 -0.38	23.25 0.84 -0.39	29.10 1.26 -0.52	30.21 1.34 -0.37	29.53 1.23 -0.27	30.19 1.18 -0.16	28.75 1.07 -0.13	25.42 0.85 -0.21	21.32 0.69 -0.28
RIVERBAY____ 323610	45.82 2.79 -16.43	42.91 2.23 -18.55	42.32 2.08 -19.84	41.34 2.08 -18.89	40.13 2.10 -17.66	43.43 2.19 -20.84	47.56 2.24 -24.77	47.60 2.37 -22.90	49.49 2.77 -22.38	49.08 2.90 -20.24	42.87 3.14 -13.29	38.27 2.97 -10.34	36.54 2.57 -12.36	34.99 2.29 -13.42	34.01 2.42 -11.22	34.16 2.36 -11.75	37.01 2.71 -12.28	46.84 3.33 -16.18	43.65 3.48 -11.68	39.92 3.48 -8.42	37.64 3.63 -5.16	34.92 3.36 -4.01	33.95 2.90 -6.69	31.53 2.24 -8.95
ROCHESTER_9_IC 23652	28.87 0.29 -1.98	24.47 0.11 -2.23	22.88 0.10 -2.39	22.65 0.00 -2.27	22.58 0.08 -2.12	23.13 0.20 -2.51	23.43 -0.10 -2.98	25.31 0.22 -2.76	27.01 -0.02 -2.70	28.24 -0.13 -2.44	27.91 -0.13 -1.60	26.08 -0.12 -1.24	23.06 -0.04 -1.49	20.64 -0.25 -1.62	21.46 -0.27 -1.35	21.20 -0.26 -1.42	23.28 -0.22 -1.48	29.11 -0.16 -1.95	29.65 -0.26 -1.41	28.79 -0.25 -1.01	29.21 -0.26 -0.62	27.62 -0.41 -0.48	24.75 -0.41 -0.80	21.13 -0.28 -1.08
ROSETON___1 23587	45.20 2.15 -16.45	42.40 1.70 -18.57	41.85 1.59 -19.87	40.88 1.59 -18.92	39.67 1.61 -17.68	42.89 1.61 -20.86	47.00 1.64 -24.80	47.16 1.88 -22.95	48.95 2.19 -22.43	48.52 2.31 -20.28	42.24 2.48 -13.32	37.64 2.32 -10.35	35.99 1.99 -12.39	34.50 1.77 -13.45	33.49 1.87 -11.24	33.66 1.84 -11.78	36.44 2.11 -12.31	46.14 2.60 -16.22	42.91 2.71 -11.71	39.16 2.69 -8.44	36.85 2.83 -5.18	34.15 2.59 -4.01	33.25 2.19 -6.70	30.97 1.67 -8.96



ROSETON___2 23588	45.20 2.15 -16.45	42.40 1.70 -18.57	41.85 1.59 -19.87	40.88 1.59 -18.92	39.67 1.61 -17.68	42.89 1.61 -20.86	47.00 1.64 -24.80	47.16 1.88 -22.95	48.95 2.19 -22.43	48.52 2.31 -20.28	42.24 2.48 -13.32	37.64 2.32 -10.35	35.99 1.99 -12.39	34.50 1.77 -13.45	33.49 1.87 -11.24	33.66 1.84 -11.78	36.44 2.11 -12.31	46.14 2.60 -16.22	42.91 2.71 -11.71	39.16 2.69 -8.44	36.85 2.83 -5.18	34.15 2.59 -4.01	33.25 2.19 -6.70	30.97 1.67 -8.96
RUSSELL___1 23602	29.03 0.45 -1.98	24.60 0.24 -2.23	23.01 0.22 -2.39	22.77 0.12 -2.27	22.69 0.18 -2.13	23.27 0.35 -2.51	23.58 0.04 -2.98	25.49 0.40 -2.76	27.18 0.15 -2.70	28.43 0.05 -2.44	28.09 0.05 -1.60	26.26 0.05 -1.25	23.21 0.11 -1.49	20.76 -0.13 -1.62	21.58 -0.14 -1.35	21.32 -0.14 -1.42	23.42 -0.09 -1.48	29.30 0.03 -1.95	29.87 -0.03 -1.41	28.99 -0.06 -1.01	29.41 -0.06 -0.62	27.78 -0.25 -0.48	24.90 -0.27 -0.81	21.26 -0.16 -1.08
RUSSELL___2 23532	29.03 0.45 -1.98	24.60 0.24 -2.23	23.01 0.22 -2.39	22.77 0.12 -2.27	22.69 0.18 -2.13	23.27 0.35 -2.51	23.58 0.04 -2.98	25.49 0.40 -2.76	27.18 0.15 -2.70	28.43 0.05 -2.44	28.09 0.05 -1.60	26.26 0.05 -1.25	23.21 0.11 -1.49	20.76 -0.13 -1.62	21.58 -0.14 -1.35	21.32 -0.14 -1.42	23.42 -0.09 -1.48	29.30 0.03 -1.95	29.87 -0.03 -1.41	28.99 -0.06 -1.01	29.41 -0.06 -0.62	27.78 -0.25 -0.48	24.90 -0.27 -0.81	21.26 -0.16 -1.08
RUSSELL___3 23549	29.03 0.45 -1.98	24.60 0.24 -2.23	23.01 0.22 -2.39	22.77 0.12 -2.27	22.69 0.18 -2.13	23.27 0.35 -2.51	23.58 0.04 -2.98	25.49 0.40 -2.76	27.18 0.15 -2.70	28.43 0.05 -2.44	28.09 0.05 -1.60	26.26 0.05 -1.25	23.21 0.11 -1.49	20.76 -0.13 -1.62	21.58 -0.14 -1.35	21.32 -0.14 -1.42	23.42 -0.09 -1.48	29.30 0.03 -1.95	29.87 -0.03 -1.41	28.99 -0.06 -1.01	29.41 -0.06 -0.62	27.78 -0.25 -0.48	24.90 -0.27 -0.81	21.26 -0.16 -1.08
RUSSELL___4 23556	29.03 0.45 -1.98	24.60 0.24 -2.23	23.01 0.22 -2.39	22.77 0.12 -2.27	22.69 0.18 -2.13	23.27 0.35 -2.51	23.58 0.04 -2.98	25.49 0.40 -2.76	27.18 0.15 -2.70	28.43 0.05 -2.44	28.09 0.05 -1.60	26.26 0.05 -1.25	23.21 0.11 -1.49	20.76 -0.13 -1.62	21.58 -0.14 -1.35	21.32 -0.14 -1.42	23.42 -0.09 -1.48	29.30 0.03 -1.95	29.87 -0.03 -1.41	28.99 -0.06 -1.01	29.41 -0.06 -0.62	27.78 -0.25 -0.48	24.90 -0.27 -0.81	21.26 -0.16 -1.08
RUSSELL___STATION 23914	29.03 0.45 -1.98	24.60 0.24 -2.23	23.01 0.22 -2.39	22.77 0.12 -2.27	22.69 0.18 -2.13	23.27 0.35 -2.51	23.58 0.04 -2.98	25.49 0.40 -2.76	27.18 0.15 -2.70	28.43 0.05 -2.44	28.09 0.05 -1.60	26.26 0.05 -1.25	23.21 0.11 -1.49	20.76 -0.13 -1.62	21.58 -0.14 -1.35	21.32 -0.14 -1.42	23.42 -0.09 -1.48	29.30 0.03 -1.95	29.87 -0.03 -1.41	28.99 -0.06 -1.01	29.41 -0.06 -0.62	27.78 -0.25 -0.48	24.90 -0.27 -0.81	21.26 -0.16 -1.08
S SALMON___HYD 24043	27.43 -0.27 -1.10	23.14 -0.22 -1.24	21.49 -0.22 -1.33	21.39 -0.24 -1.26	21.31 -0.24 -1.18	21.62 -0.18 -1.39	22.02 -0.19 -1.66	23.64 -0.22 -1.53	25.64 -0.20 -1.50	27.16 -0.13 -1.36	27.12 -0.21 -0.89	25.43 -0.23 -0.69	22.18 -0.26 -0.83	19.90 -0.27 -0.90	20.86 -0.27 -0.75	20.57 -0.26 -0.79	22.54 -0.31 -0.82	28.16 -0.25 -1.08	29.02 -0.26 -0.78	28.29 -0.31 -0.56	28.81 -0.38 -0.35	27.43 -0.39 -0.27	24.44 -0.36 -0.45	20.66 -0.28 -0.60
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.37 0.21 -2.56	24.88 -0.13 -2.89	23.42 -0.06 -3.09	23.07 -0.24 -2.94	23.01 -0.12 -2.75	23.48 -0.18 -3.25	23.84 -0.58 -3.86	25.50 -0.40 -3.57	27.31 -0.51 -3.49	28.42 -0.67 -3.16	27.82 -0.69 -2.07	25.88 -0.70 -1.61	23.00 -0.54 -1.93	20.73 -0.64 -2.10	21.49 -0.63 -1.75	21.23 -0.64 -1.83	23.35 -0.59 -1.92	29.03 -0.82 -2.52	29.40 -0.91 -1.82	28.59 -0.76 -1.31	28.90 -0.75 -0.81	27.27 -0.91 -0.62	24.52 -0.88 -1.04	20.98 -0.75 -1.39
SELKIRK___I 23801	49.10 1.81 -20.69	46.94 1.46 -23.35	46.72 1.35 -24.99	45.48 1.32 -23.79	43.93 1.32 -22.23	47.96 1.31 -26.24	53.08 1.34 -31.19	52.61 1.43 -28.85	54.08 1.56 -28.19	53.09 1.66 -25.49	44.79 1.61 -16.74	39.50 1.52 -13.01	38.50 1.32 -15.57	37.34 1.16 -16.91	35.73 1.22 -14.13	36.05 1.20 -14.81	38.79 1.30 -15.47	49.31 1.58 -20.40	44.87 1.65 -14.73	40.27 1.63 -10.61	37.03 1.67 -6.51	34.27 1.68 -5.04	34.31 1.54 -8.42	32.89 1.28 -11.27
SELKIRK___II 23799	49.12 1.81 -20.71	46.94 1.44 -23.37	46.75 1.35 -25.01	45.50 1.32 -23.81	43.95 1.32 -22.25	47.98 1.31 -26.26	53.09 1.32 -31.22	52.63 1.43 -28.87	54.11 1.56 -28.22	53.11 1.66 -25.51	44.78 1.59 -16.76	39.51 1.52 -13.02	38.51 1.32 -15.58	37.36 1.16 -16.93	35.74 1.22 -14.14	36.06 1.20 -14.82	38.80 1.30 -15.48	49.32 1.58 -20.42	44.86 1.62 -14.74	40.28 1.63 -10.62	37.03 1.67 -6.52	34.28 1.68 -5.05	34.32 1.54 -8.43	32.90 1.28 -11.28
SENECA OSWGO___HYD 24041	27.75 -0.13 -1.29	23.49 -0.09 -1.45	21.84 -0.10 -1.55	21.73 -0.12 -1.48	21.66 -0.10 -1.38	21.96 -0.08 -1.63	22.33 -0.17 -1.94	23.97 -0.16 -1.79	25.92 -0.17 -1.75	27.34 -0.18 -1.59	27.30 -0.18 -1.04	25.57 -0.20 -0.81	22.39 -0.19 -0.97	20.11 -0.21 -1.05	21.03 -0.22 -0.88	20.76 -0.20 -0.92	22.76 -0.09 -0.96	28.34 -0.25 -1.27	29.13 -0.28 -0.92	28.38 -0.31 -0.66	28.93 -0.32 -0.40	27.50 -0.36 -0.31	24.56 -0.32 -0.52	20.82 -0.22 -0.70
SENECA___ENERGY 23797	28.74 0.05 -2.09	24.47 -0.02 -2.36	22.90 -0.02 -2.53	22.70 -0.08 -2.41	22.60 -0.02 -2.25	23.11 0.04 -2.65	23.63 -0.08 -3.15	25.29 0.04 -2.92	27.21 0.02 -2.85	28.49 -0.03 -2.58	28.11 -0.03 -1.69	26.20 -0.07 -1.32	23.10 -0.09 -1.58	20.83 -0.15 -1.71	21.64 -0.16 -1.43	21.40 -0.14 -1.50	23.46 -0.13 -1.57	29.33 -0.05 -2.06	29.90 -0.09 -1.49	28.99 -0.11 -1.07	29.39 -0.11 -0.66	27.81 -0.25 -0.51	24.94 -0.27 -0.85	21.28 -0.20 -1.14
SHOEMAKER___GT 23640	43.50 1.86 -15.04	40.58 1.48 -16.97	39.94 1.39 -18.16	39.05 1.39 -17.29	37.92 1.39 -16.16	40.89 1.41 -19.07	44.67 1.44 -22.67	44.92 1.61 -20.98	46.74 1.90 -20.50	46.50 2.02 -18.54	40.78 2.17 -12.18	36.42 2.00 -9.46	34.64 1.71 -11.32	33.13 1.56 -12.30	32.30 1.65 -10.28	32.41 1.60 -10.77	35.12 1.85 -11.25	44.45 2.30 -14.83	41.62 2.42 -10.70	38.13 2.38 -7.71	36.06 2.48 -4.73	33.47 2.26 -3.66	32.38 1.90 -6.12	29.96 1.42 -8.19
SHOREHAM_IC_1 23715	50.08 3.32 -20.16	47.46 2.94 -22.39	46.50 2.71 -23.39	45.58 2.73 -22.48	44.20 2.73 -21.09	48.17 3.10 -24.65	60.07 3.12 -36.40	60.91 3.42 -35.17	60.54 3.84 -32.36	58.97 4.04 -28.99	50.28 4.18 -19.66	47.45 3.92 -18.57	43.28 3.46 -18.21	40.01 3.08 -17.66	39.32 3.28 -15.67	41.00 3.23 -17.73	46.72 3.63 -21.07	60.55 4.84 -28.39	61.90 5.07 -28.33	52.01 5.02 -18.97	50.11 4.88 -16.39	48.55 4.49 -16.51	39.71 3.97 -11.38	34.38 3.05 -10.98
SHOREHAM_IC_2 23716	50.08 3.32 -20.16	47.46 2.94 -22.39	46.50 2.71 -23.39	45.58 2.73 -22.48	44.20 2.73 -21.09	48.17 3.10 -24.65	60.07 3.12 -36.40	60.91 3.42 -35.17	60.54 3.84 -32.36	58.97 4.04 -28.99	50.28 4.18 -19.66	47.45 3.92 -18.57	43.28 3.46 -18.21	40.01 3.08 -17.66	39.32 3.28 -15.67	41.00 3.23 -17.73	46.72 3.63 -21.07	60.55 4.84 -28.39	61.90 5.07 -28.33	52.01 5.02 -18.97	50.11 4.88 -16.39	48.55 4.49 -16.51	39.71 3.97 -11.38	34.38 3.05 -10.98



SISSONVILLE____ 23735	25.11 -1.49 0.00	20.95 -1.17 0.00	19.31 -1.08 0.00	19.31 -1.06 0.00	19.19 -1.18 0.00	19.11 -1.31 0.00	19.36 -1.19 0.00	20.88 -1.45 0.00	22.70 -1.63 0.00	24.25 -1.69 0.00	24.64 -1.80 0.00	23.24 -1.72 0.00	20.12 -1.49 0.00	18.19 -1.08 0.00	19.23 -1.14 0.00	18.72 -1.32 0.00	20.48 -1.54 0.00	25.55 -1.78 0.00	26.76 -1.74 0.00	26.24 -1.79 0.00	26.91 -1.93 0.00	25.92 -1.63 0.00	23.19 -1.17 0.00	19.47 -0.87 0.00
SITHE_IND_GS1 24169	27.05 -0.59 -1.04	22.83 -0.47 -1.17	21.21 -0.43 -1.25	21.12 -0.45 -1.19	21.06 -0.43 -1.11	21.32 -0.41 -1.31	21.60 -0.51 -1.56	23.22 -0.56 -1.45	25.11 -0.63 -1.41	26.54 -0.67 -1.28	26.56 -0.71 -0.84	24.97 -0.65 -0.65	21.83 -0.56 -0.78	19.58 -0.54 -0.85	20.51 -0.57 -0.71	20.22 -0.56 -0.74	22.18 -0.62 -0.78	27.58 -0.76 -1.02	28.38 -0.85 -0.74	27.72 -0.84 -0.53	28.30 -0.86 -0.33	26.98 -0.83 -0.25	24.05 -0.73 -0.42	20.36 -0.55 -0.56
SITHE_IND_GS2 24170	27.05 -0.59 -1.04	22.83 -0.47 -1.17	21.21 -0.43 -1.25	21.12 -0.45 -1.19	21.06 -0.43 -1.11	21.32 -0.41 -1.31	21.60 -0.51 -1.56	23.22 -0.56 -1.45	25.11 -0.63 -1.41	26.54 -0.67 -1.28	26.56 -0.71 -0.84	24.97 -0.65 -0.65	21.83 -0.56 -0.78	19.58 -0.54 -0.85	20.51 -0.57 -0.71	20.22 -0.56 -0.74	22.18 -0.62 -0.78	27.58 -0.76 -1.02	28.38 -0.85 -0.74	27.72 -0.84 -0.53	28.30 -0.86 -0.33	26.98 -0.83 -0.25	24.05 -0.73 -0.42	20.36 -0.55 -0.56
SITHE_IND_GS3 24171	27.05 -0.59 -1.04	22.83 -0.47 -1.17	21.21 -0.43 -1.25	21.12 -0.45 -1.19	21.06 -0.43 -1.11	21.32 -0.41 -1.31	21.60 -0.51 -1.56	23.22 -0.56 -1.45	25.11 -0.63 -1.41	26.54 -0.67 -1.28	26.56 -0.71 -0.84	24.97 -0.65 -0.65	21.83 -0.56 -0.78	19.58 -0.54 -0.85	20.51 -0.57 -0.71	20.22 -0.56 -0.74	22.18 -0.62 -0.78	27.58 -0.76 -1.02	28.38 -0.85 -0.74	27.72 -0.84 -0.53	28.30 -0.86 -0.33	26.98 -0.83 -0.25	24.05 -0.73 -0.42	20.36 -0.55 -0.56
SITHE_IND_GS4 24172	27.05 -0.59 -1.04	22.83 -0.47 -1.17	21.21 -0.43 -1.25	21.12 -0.45 -1.19	21.06 -0.43 -1.11	21.32 -0.41 -1.31	21.60 -0.51 -1.56	23.22 -0.56 -1.45	25.11 -0.63 -1.41	26.54 -0.67 -1.28	26.56 -0.71 -0.84	24.97 -0.65 -0.65	21.83 -0.56 -0.78	19.58 -0.54 -0.85	20.51 -0.57 -0.71	20.22 -0.56 -0.74	22.18 -0.62 -0.78	27.58 -0.76 -1.02	28.38 -0.85 -0.74	27.72 -0.84 -0.53	28.30 -0.86 -0.33	26.98 -0.83 -0.25	24.05 -0.73 -0.42	20.36 -0.55 -0.56
SITHE____BATAVIA 24024	29.46 0.58 -2.28	24.92 0.22 -2.57	23.37 0.22 -2.75	23.08 0.08 -2.62	23.01 0.18 -2.45	23.59 0.29 -2.89	23.85 0.29 -3.44	25.73 0.22 -3.18	27.39 -0.05 -3.11	28.54 -0.21 -2.81	28.10 -0.18 -1.85	26.20 -0.20 -1.43	23.22 -0.11 -1.72	20.79 -0.35 -1.86	21.56 -0.37 -1.56	21.31 -0.36 -1.63	23.44 -0.29 -1.71	29.27 -0.30 -2.25	29.72 -0.40 -1.62	28.89 -0.31 -1.17	29.27 -0.29 -0.72	27.58 -0.52 -0.56	24.75 -0.54 -0.93	21.18 -0.41 -1.24
SITHE____INDEPEND 23800	27.05 -0.59 -1.04	22.83 -0.47 -1.17	21.21 -0.43 -1.25	21.12 -0.45 -1.19	21.06 -0.43 -1.11	21.32 -0.41 -1.31	21.60 -0.51 -1.56	23.22 -0.56 -1.45	25.11 -0.63 -1.41	26.54 -0.67 -1.28	26.56 -0.71 -0.84	24.97 -0.65 -0.65	21.83 -0.56 -0.78	19.58 -0.54 -0.85	20.51 -0.57 -0.71	20.22 -0.56 -0.74	22.18 -0.62 -0.78	27.58 -0.76 -1.02	28.38 -0.85 -0.74	27.72 -0.84 -0.53	28.30 -0.86 -0.33	26.98 -0.83 -0.25	24.05 -0.73 -0.42	20.36 -0.55 -0.56
SITHE____MASSENA 23902	25.16 -1.44 0.00	21.02 -1.11 0.00	19.37 -1.02 0.00	19.40 -0.98 0.00	19.32 -1.06 0.00	19.29 -1.12 0.00	19.55 -1.01 0.00	21.19 -1.14 0.00	23.00 -1.34 0.00	24.51 -1.43 0.00	24.96 -1.48 0.00	23.54 -1.42 0.00	20.42 -1.19 0.00	18.29 -0.98 0.00	19.33 -1.04 0.00	18.98 -1.06 0.00	20.81 -1.21 0.00	25.87 -1.45 0.00	27.04 -1.45 0.00	26.57 -1.46 0.00	27.31 -1.53 0.00	26.20 -1.35 0.00	23.26 -1.10 0.00	19.47 -0.87 0.00
SITHE____OGDNSBRG 24021	25.27 -1.33 0.00	21.09 -1.04 0.00	19.41 -0.98 0.00	19.44 -0.94 0.00	19.36 -1.02 0.00	19.33 -1.08 0.00	19.67 -0.88 0.00	21.23 -1.09 0.00	23.09 -1.24 0.00	24.69 -1.24 0.00	25.06 -1.38 0.00	23.64 -1.32 0.00	20.44 -1.17 0.00	18.37 -0.91 0.00	19.44 -0.94 0.00	19.00 -1.04 0.00	20.83 -1.19 0.00	26.01 -1.31 0.00	27.21 -1.28 0.00	26.69 -1.35 0.00	27.37 -1.47 0.00	26.31 -1.24 0.00	23.38 -0.98 0.00	19.57 -0.77 0.00
SITHE____STERLING 23777	28.19 0.88 -0.72	23.64 0.71 -0.81	21.87 0.61 -0.86	21.79 0.59 -0.82	21.76 0.61 -0.77	22.02 0.69 -0.91	22.37 0.74 -1.08	24.13 0.80 -1.00	26.26 0.95 -0.98	27.94 1.11 -0.89	28.08 1.06 -0.58	26.36 0.95 -0.45	22.87 0.71 -0.54	20.44 0.58 -0.59	21.52 0.65 -0.49	21.20 0.64 -0.51	23.29 0.73 -0.54	29.09 1.06 -0.71	30.12 1.11 -0.51	29.44 1.04 -0.37	30.08 1.01 -0.23	28.63 0.91 -0.17	25.36 0.71 -0.29	21.30 0.57 -0.39
SOUTH CAIRO____GT 23612	47.41 2.95 -17.86	44.69 2.41 -20.15	44.18 2.22 -21.56	43.10 2.20 -20.53	41.79 2.22 -19.19	45.26 2.21 -22.64	49.73 2.26 -26.92	49.57 2.34 -24.90	51.47 2.80 -24.34	50.92 2.98 -22.00	43.90 3.01 -14.45	38.89 2.70 -11.23	37.37 2.31 -13.44	36.05 2.18 -14.60	34.87 2.30 -12.20	35.07 2.24 -12.78	37.91 2.53 -13.35	48.23 3.30 -17.60	44.71 3.50 -12.71	40.55 3.36 -9.16	37.87 3.40 -5.62	35.04 3.14 -4.35	34.33 2.70 -7.27	32.16 2.10 -9.72
SOUTH HAMPTN____IC 23720	52.40 5.69 -20.11	49.31 4.85 -22.34	48.23 4.49 -23.35	47.29 4.48 -22.43	45.90 4.48 -21.05	49.92 4.90 -24.61	61.86 4.95 -36.35	62.99 5.54 -35.12	62.83 6.18 -32.32	61.36 6.48 -28.94	52.73 6.63 -19.66	49.68 6.17 -18.55	45.11 5.30 -18.21	41.61 4.68 -17.65	40.99 4.95 -15.67	42.68 4.91 -17.73	48.70 5.62 -21.06	63.24 7.54 -28.38	64.85 8.04 -28.32	54.82 7.85 -18.94	52.92 7.70 -16.37	51.10 7.08 -16.46	41.83 6.09 -11.38	36.02 4.70 -10.98
SOUTHOLD____IC 23719	52.75 6.04 -20.11	49.60 5.13 -22.34	48.47 4.73 -23.35	47.55 4.75 -22.43	46.15 4.73 -21.04	50.17 5.15 -24.61	62.13 5.22 -36.35	63.28 5.83 -35.12	63.15 6.50 -32.32	61.70 6.82 -28.94	53.07 6.98 -19.66	49.98 6.46 -18.55	45.37 5.56 -18.21	41.84 4.92 -17.65	41.23 5.20 -15.67	42.92 5.15 -17.73	48.97 5.88 -21.06	63.60 7.90 -28.38	65.22 8.41 -28.32	55.19 8.21 -18.94	53.29 8.07 -16.37	51.43 7.41 -16.46	42.10 6.36 -11.38	36.26 4.94 -10.98
ST LAWRENCE____ 23600	25.13 -1.46 0.00	20.97 -1.15 0.00	19.33 -1.06 0.00	19.33 -1.04 0.00	19.30 -1.08 0.00	19.29 -1.12 0.00	19.53 -1.03 0.00	21.17 -1.16 0.00	23.00 -1.34 0.00	24.51 -1.43 0.00	24.96 -1.48 0.00	23.57 -1.40 0.00	20.42 -1.19 0.00	18.29 -0.98 0.00	19.31 -1.06 0.00	18.98 -1.06 0.00	20.83 -1.19 0.00	25.85 -1.48 0.00	27.01 -1.48 0.00	26.57 -1.46 0.00	27.31 -1.53 0.00	26.17 -1.38 0.00	23.21 -1.14 0.00	19.43 -0.92 0.00
STATION 5_MISC_HYD 23604	28.87 0.29 -1.98	24.47 0.11 -2.23	22.88 0.10 -2.39	22.65 0.00 -2.27	22.58 0.08 -2.12	23.13 0.20 -2.51	23.43 -0.10 -2.98	25.31 0.22 -2.76	27.01 -0.02 -2.70	28.24 -0.13 -2.44	27.91 -0.13 -1.60	26.08 -0.12 -1.24	23.06 -0.04 -1.49	20.64 -0.25 -1.62	21.46 -0.27 -1.35	21.20 -0.26 -1.42	23.28 -0.22 -1.48	29.11 -0.16 -1.95	29.65 -0.26 -1.41	28.79 -0.25 -1.01	29.21 -0.26 -0.62	27.62 -0.41 -0.48	24.75 -0.41 -0.80	21.13 -0.28 -1.08



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.03 0.45 -1.98	24.62 0.27 -2.23	23.03 0.25 -2.39	22.83 0.18 -2.27	22.75 0.25 -2.12	23.31 0.39 -2.51	23.68 0.14 -2.98	25.53 0.45 -2.76	27.30 0.27 -2.70	28.58 0.21 -2.44	28.25 0.21 -1.60	26.38 0.18 -1.24	23.25 0.15 -1.49	20.85 -0.04 -1.62	21.68 -0.04 -1.35	21.44 -0.02 -1.42	23.52 0.02 -1.48	29.44 0.16 -1.95	30.02 0.11 -1.41	29.13 0.08 -1.01	29.55 0.09 -0.62	27.95 -0.08 -0.48	25.02 -0.15 -0.80	21.36 -0.06 -1.08
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.63 0.08 -1.96	24.27 -0.07 -2.21	22.70 -0.06 -2.36	22.48 -0.14 -2.25	22.40 -0.08 -2.10	22.96 0.06 -2.48	23.28 -0.23 -2.95	25.10 0.04 -2.73	26.81 -0.20 -2.67	28.07 -0.28 -2.41	27.73 -0.29 -1.59	25.92 -0.27 -1.23	22.89 -0.19 -1.47	20.51 -0.37 -1.60	21.32 -0.39 -1.34	21.06 -0.38 -1.40	23.13 -0.35 -1.46	28.90 -0.36 -1.93	29.46 -0.43 -1.39	28.62 -0.42 -1.00	29.00 -0.46 -0.62	27.45 -0.58 -0.48	24.57 -0.58 -0.80	21.00 -0.41 -1.07
STEEL___WIND 323596	29.90 0.64 -2.67	25.34 0.20 -3.01	23.84 0.22 -3.23	23.50 0.06 -3.07	23.43 0.18 -2.87	23.90 0.10 -3.39	24.34 -0.25 -4.03	26.03 -0.02 -3.73	27.88 -0.10 -3.64	29.02 -0.21 -3.29	28.39 -0.21 -2.16	26.37 -0.27 -1.68	23.45 -0.17 -2.01	21.15 -0.31 -2.19	21.91 -0.29 -1.83	21.65 -0.30 -1.91	23.80 -0.22 -2.00	29.63 -0.33 -2.63	30.00 -0.40 -1.90	29.15 -0.25 -1.37	29.48 -0.20 -0.84	27.76 -0.44 -0.65	24.98 -0.46 -1.09	21.37 -0.43 -1.45
STEBEN_REC_LFGE 323667	31.63 1.46 -3.57	27.09 0.93 -4.03	25.54 0.84 -4.32	25.17 0.69 -4.11	24.97 0.75 -3.84	25.68 0.73 -4.53	26.46 0.51 -5.39	28.10 0.78 -4.99	30.08 0.87 -4.87	31.17 0.83 -4.41	30.20 0.87 -2.89	27.86 0.65 -2.25	24.84 0.54 -2.69	22.56 0.37 -2.92	23.24 0.43 -2.44	23.04 0.44 -2.56	25.25 0.55 -2.67	31.67 0.82 -3.52	31.89 0.85 -2.54	30.73 0.87 -1.83	30.98 1.01 -1.12	29.19 0.77 -0.87	26.37 0.56 -1.45	22.78 0.49 -1.95
STONY___BROOK 24151	50.54 3.54 -20.41	47.71 2.94 -22.64	46.73 2.71 -23.63	45.82 2.73 -22.71	44.42 2.73 -21.31	48.24 2.94 -24.88	60.13 2.96 -36.62	61.01 3.28 -35.40	60.72 3.79 -32.59	59.21 4.02 -29.26	50.22 4.07 -19.71	47.47 3.84 -18.66	43.17 3.33 -18.23	39.93 2.97 -17.69	39.21 3.14 -15.70	40.89 3.09 -17.76	46.61 3.50 -21.08	60.29 4.51 -28.46	61.61 4.73 -28.38	51.83 4.71 -19.09	50.02 4.70 -16.48	48.65 4.35 -16.75	39.54 3.78 -11.41	34.27 2.91 -11.02
STURGEON_POOL_HYD 23609	45.34 2.08 -16.67	42.57 1.64 -18.81	42.05 1.53 -20.12	41.08 1.55 -19.16	39.83 1.55 -17.91	43.12 1.57 -21.13	47.28 1.60 -25.12	47.36 1.79 -23.24	49.16 2.12 -22.71	48.70 2.23 -20.54	42.31 2.38 -13.49	37.64 2.20 -10.48	36.06 1.90 -12.55	34.64 1.74 -13.63	33.57 1.81 -11.39	33.74 1.76 -11.93	36.53 2.05 -12.46	46.29 2.54 -16.43	43.03 2.68 -11.86	39.24 2.66 -8.55	36.86 2.77 -5.24	34.12 2.51 -4.06	33.26 2.12 -6.78	30.98 1.57 -9.07
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.95 2.00 -15.36	41.03 1.57 -17.34	40.41 1.47 -18.55	39.52 1.49 -17.66	38.37 1.49 -16.51	41.40 1.51 -19.48	45.25 1.54 -23.16	45.50 1.74 -21.43	47.34 2.07 -20.94	47.05 2.18 -18.93	41.20 2.33 -12.44	36.80 2.17 -9.66	35.04 1.86 -11.57	33.51 1.68 -12.56	32.64 1.77 -10.50	32.76 1.72 -11.00	35.52 2.00 -11.49	44.93 2.46 -15.14	42.02 2.59 -10.93	38.49 2.58 -7.88	36.39 2.71 -4.83	33.74 2.45 -3.74	32.68 2.07 -6.25	30.25 1.55 -8.37
SYNERGY___BIOGAS 323694	29.46 0.58 -2.28	24.92 0.22 -2.57	23.37 0.22 -2.75	23.08 0.08 -2.62	23.01 0.18 -2.45	23.59 0.29 -2.89	23.85 -0.14 -3.44	25.73 0.22 -3.18	27.39 -0.05 -3.11	28.54 -0.21 -2.81	28.10 -0.18 -1.85	26.20 -0.20 -1.43	23.22 -0.11 -1.72	20.79 -0.35 -1.86	21.56 -0.37 -1.56	21.31 -0.36 -1.63	23.44 -0.29 -1.71	29.27 -0.30 -2.25	29.72 -0.40 -1.62	28.89 -0.31 -1.17	29.27 -0.29 -0.72	27.58 -0.52 -0.56	24.75 -0.54 -0.93	21.18 -0.41 -1.24
SYRACUSE___ENERGY_ST1 323597	28.42 0.19 -1.63	24.13 0.16 -1.84	22.49 0.12 -1.97	22.35 0.10 -1.88	22.25 0.12 -1.75	22.65 0.16 -2.07	23.10 0.08 -2.46	24.74 0.13 -2.28	26.73 0.17 -2.23	28.11 0.16 -2.01	27.92 0.16 -1.32	26.12 0.13 -1.03	22.93 0.09 -1.23	20.63 0.02 -1.34	21.53 0.04 -1.12	21.25 0.04 -1.17	23.29 0.04 -1.22	29.04 0.11 -1.61	29.77 0.11 -1.16	28.95 0.08 -0.84	29.42 0.06 -0.51	27.95 0.00 -0.40	25.00 -0.02 -0.66	21.23 0.00 -0.89
SYRACUSE___ENERGY_ST2 323598	28.42 0.19 -1.63	24.13 0.16 -1.84	22.49 0.12 -1.97	22.35 0.10 -1.88	22.25 0.12 -1.75	22.65 0.16 -2.07	23.10 0.08 -2.46	24.74 0.13 -2.28	26.73 0.17 -2.23	28.11 0.16 -2.01	27.92 0.16 -1.32	26.12 0.13 -1.03	22.93 0.09 -1.23	20.63 0.02 -1.34	21.53 0.04 -1.12	21.25 0.04 -1.17	23.29 0.04 -1.22	29.04 0.11 -1.61	29.77 0.11 -1.16	28.95 0.08 -0.84	29.42 0.06 -0.51	27.95 0.00 -0.40	25.00 -0.02 -0.66	21.23 0.00 -0.89
SYRACUSE___POWER 24017	28.53 0.24 -1.70	24.22 0.18 -1.92	22.59 0.14 -2.05	22.45 0.12 -1.95	22.34 0.14 -1.82	22.75 0.18 -2.15	23.24 0.12 -2.56	24.88 0.18 -2.37	26.87 0.22 -2.32	28.26 0.23 -2.09	28.02 0.21 -1.38	26.21 0.18 -1.07	23.02 0.13 -1.28	20.72 0.06 -1.39	21.62 0.08 -1.16	21.34 0.08 -1.22	23.40 0.11 -1.27	29.19 0.19 -1.67	29.88 0.17 -1.21	29.04 0.14 -0.87	29.52 0.14 -0.53	28.05 0.08 -0.41	25.07 0.02 -0.69	21.31 0.04 -0.92
TRIGEN___CC 323695	75.46 2.95 -45.91	73.40 2.34 -48.93	70.52 2.20 -47.92	69.85 2.22 -47.26	67.39 2.22 -44.80	71.48 2.25 -48.82	82.38 2.28 -59.54	84.31 2.50 -59.48	84.07 2.97 -56.76	85.51 3.11 -56.46	53.97 3.20 -24.34	56.33 2.99 -28.37	44.65 2.59 -20.44	42.16 2.33 -20.56	41.56 2.46 -18.72	42.88 2.40 -20.43	47.34 2.73 -22.59	65.98 3.39 -35.27	65.62 3.50 -33.62	63.52 3.56 -31.93	57.51 3.63 -25.03	72.27 3.39 -41.33	41.03 2.95 -13.73	37.60 2.26 -15.00
UNION___PROCESSING_DRP 323587	28.80 0.21 -1.99	24.41 0.04 -2.24	22.83 0.04 -2.40	22.62 -0.04 -2.28	22.53 0.02 -2.14	23.08 0.14 -2.52	23.38 -0.17 -3.00	25.24 0.13 -2.77	26.95 -0.10 -2.71	28.18 -0.21 -2.45	27.86 -0.18 -1.61	26.01 -0.20 -1.25	23.00 -0.11 -1.50	20.61 -0.29 -1.63	21.43 -0.31 -1.36	21.16 -0.30 -1.42	23.22 -0.29 -1.49	29.04 -0.25 -1.96	29.57 -0.34 -1.41	28.74 -0.31 -1.02	29.12 -0.34 -0.63	27.54 -0.50 -0.48	24.68 -0.49 -0.81	21.08 -0.35 -1.08
UPPER HUDSON___HYD 24058	50.74 2.13 -22.01	48.69 1.73 -24.84	48.54 1.57 -26.58	47.19 1.51 -25.31	45.54 1.51 -23.65	49.88 1.55 -27.91	55.26 1.52 -33.18	54.83 1.72 -30.78	56.38 1.97 -30.08	55.26 2.13 -27.20	46.58 2.27 -17.87	41.04 2.20 -13.88	40.28 2.05 -16.61	39.05 1.74 -18.04	37.28 1.83 -15.08	37.64 1.80 -15.80	40.44 1.92 -16.50	51.56 2.54 -21.70	46.67 2.51 -15.67	41.79 2.47 -11.29	38.25 2.48 -6.93	35.20 2.29 -5.36	35.31 2.00 -8.96	33.92 1.59 -11.99
UPPER RAQUET___HYD 24056	25.11 -1.49 0.00	20.95 -1.17 0.00	19.31 -1.08 0.00	19.31 -1.06 0.00	19.19 -1.18 0.00	19.11 -1.31 0.00	19.36 -1.19 0.00	20.88 -1.45 0.00	22.70 -1.63 0.00	24.25 -1.69 0.00	24.64 -1.80 0.00	23.24 -1.72 0.00	20.12 -1.49 0.00	18.19 -1.08 0.00	19.23 -1.14 0.00	18.72 -1.32 0.00	20.48 -1.54 0.00	25.55 -1.78 0.00	26.76 -1.74 0.00	26.24 -1.79 0.00	26.91 -1.93 0.00	25.92 -1.63 0.00	23.19 -1.17 0.00	19.47 -0.87 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.45 2.82 -7.04	32.32 2.26 -7.94	30.91 2.02 -8.50	30.44 1.98 -8.09	29.93 2.00 -7.56	31.48 2.14 -8.92	33.52 2.36 -10.61	34.63 2.48 -9.82	36.85 2.92 -9.60	37.94 3.32 -8.68	35.31 3.17 -5.70	32.31 2.92 -4.43	29.16 2.25 -5.30	26.98 1.95 -5.76	27.34 2.16 -4.81	27.25 2.17 -5.04	29.69 2.40 -5.27	37.56 3.30 -6.94	37.06 3.56 -5.01	35.03 3.39 -3.61	34.46 3.40 -2.21	32.38 3.11 -1.71	29.78 2.56 -2.86	26.21 2.03 -3.83
VISCHER___FERRY HYD 24020	50.44 2.10 -21.74	48.37 1.70 -24.54	48.20 1.55 -26.25	46.88 1.51 -25.00	45.25 1.51 -23.36	49.51 1.53 -27.57	54.87 1.54 -32.78	54.37 1.72 -30.32	55.89 1.92 -29.63	54.78 2.05 -26.79	46.15 2.12 -17.60	40.66 2.02 -13.68	39.73 1.75 -16.37	38.57 1.52 -17.78	36.86 1.63 -14.85	37.21 1.60 -15.56	40.02 1.74 -16.26	50.97 2.21 -21.43	46.22 2.25 -15.47	41.37 2.19 -11.15	37.91 2.22 -6.84	34.97 2.12 -5.30	35.11 1.90 -8.85	33.73 1.55 -11.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.67 2.21 -15.87	41.78 1.75 -17.91	41.18 1.63 -19.16	40.26 1.65 -18.24	39.08 1.65 -17.05	42.21 1.67 -20.12	46.18 1.71 -23.92	46.40 1.94 -22.13	48.25 2.29 -21.63	47.90 2.41 -19.56	41.90 2.62 -12.85	37.39 2.45 -9.98	35.65 2.10 -11.95	34.12 1.87 -12.98	33.19 1.98 -10.84	33.33 1.92 -11.36	36.11 2.22 -11.87	45.72 2.76 -15.64	42.66 2.88 -11.29	39.06 2.89 -8.14	36.87 3.03 -4.99	34.17 2.75 -3.87	33.13 2.32 -6.46	30.71 1.73 -8.64
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.68 2.66 -16.42	42.76 2.10 -18.53	42.18 1.96 -19.83	41.23 1.98 -18.88	40.02 2.00 -17.65	43.28 2.04 -20.82	47.39 2.08 -24.76	47.63 2.39 -22.91	49.52 2.80 -22.39	49.08 2.90 -20.24	42.85 3.12 -13.30	38.25 2.94 -10.34	36.50 2.53 -12.37	34.96 2.25 -13.43	33.98 2.38 -11.22	34.12 2.32 -11.76	36.97 2.66 -12.28	46.76 3.25 -16.19	43.54 3.36 -11.69	39.84 3.39 -8.42	37.59 3.58 -5.17	34.84 3.28 -4.01	33.84 2.80 -6.68	31.40 2.12 -8.94
WADING RIVER_IC_1 23522	49.98 3.32 -20.06	47.38 2.97 -22.28	46.42 2.73 -23.30	45.50 2.75 -22.38	44.12 2.75 -21.00	48.10 3.12 -24.56	60.02 3.16 -36.31	60.84 3.44 -35.07	60.47 3.87 -32.27	58.89 4.07 -28.89	50.31 4.23 -19.65	47.46 3.97 -18.53	43.31 3.50 -18.20	40.04 3.12 -17.64	39.35 3.32 -15.66	41.03 3.27 -17.72	46.76 3.68 -21.06	60.58 4.89 -28.37	61.93 5.13 -28.31	52.02 5.08 -18.91	50.13 4.93 -16.35	48.48 4.52 -16.41	39.75 4.02 -11.37	34.40 3.09 -10.97
WADING RIVER_IC_2 23547	49.98 3.32 -20.06	47.38 2.97 -22.28	46.42 2.73 -23.30	45.50 2.75 -22.38	44.12 2.75 -21.00	48.10 3.12 -24.56	60.02 3.16 -36.31	60.84 3.44 -35.07	60.47 3.87 -32.27	58.89 4.07 -28.89	50.31 4.23 -19.65	47.46 3.97 -18.53	43.31 3.50 -18.20	40.04 3.12 -17.64	39.35 3.32 -15.66	41.03 3.27 -17.72	46.76 3.68 -21.06	60.58 4.89 -28.37	61.93 5.13 -28.31	52.02 5.08 -18.91	50.13 4.93 -16.35	48.48 4.52 -16.41	39.75 4.02 -11.37	34.40 3.09 -10.97
WADING RIVER_IC_3 23601	49.98 3.32 -20.06	47.38 2.97 -22.28	46.42 2.73 -23.30	45.50 2.75 -22.38	44.12 2.75 -21.00	48.10 3.12 -24.56	60.02 3.16 -36.31	60.84 3.44 -35.07	60.47 3.87 -32.27	58.89 4.07 -28.89	50.31 4.23 -19.65	47.46 3.97 -18.53	43.31 3.50 -18.20	40.04 3.12 -17.64	39.35 3.32 -15.66	41.03 3.27 -17.72	46.76 3.68 -21.06	60.58 4.89 -28.37	61.93 5.13 -28.31	52.02 5.08 -18.91	50.13 4.93 -16.35	48.48 4.52 -16.41	39.75 4.02 -11.37	34.40 3.09 -10.97
WALDEN___HYDRO 24148	44.88 2.15 -16.13	42.04 1.70 -18.21	41.47 1.59 -19.48	40.53 1.61 -18.55	39.30 1.59 -17.34	42.50 1.63 -20.46	46.56 1.69 -24.32	46.71 1.88 -22.50	48.59 2.26 -21.99	48.20 2.38 -19.88	42.06 2.56 -13.06	37.46 2.35 -10.15	35.79 2.03 -12.15	34.30 1.83 -13.19	33.33 1.94 -11.02	33.47 1.88 -11.55	36.27 2.18 -12.06	45.96 2.73 -15.90	42.83 2.85 -11.48	39.14 2.83 -8.27	36.86 2.94 -5.08	34.15 2.67 -3.93	33.16 2.24 -6.56	30.80 1.67 -8.79
WARRENSBURG____ 23737	50.74 2.13 -22.01	48.69 1.73 -24.84	48.54 1.57 -26.58	47.19 1.51 -25.31	45.54 1.51 -23.65	49.88 1.55 -27.91	55.26 1.52 -33.18	54.83 1.72 -30.78	56.38 1.97 -30.08	55.26 2.13 -27.20	46.58 2.27 -17.87	41.04 2.20 -13.88	40.28 2.05 -16.61	39.05 1.74 -18.04	37.28 1.83 -15.08	37.64 1.80 -15.80	40.44 1.92 -16.50	51.56 2.54 -21.70	46.67 2.51 -15.67	41.79 2.47 -11.29	38.25 2.48 -6.93	35.20 2.29 -5.36	35.31 2.00 -8.96	33.92 1.59 -11.99
WATERSIDE___6 8 9 23538	45.82 2.79 -16.43	42.88 2.21 -18.54	42.29 2.06 -19.84	41.34 2.08 -18.89	40.13 2.10 -17.66	43.37 2.12 -20.83	47.48 2.16 -24.77	47.65 2.41 -22.91	49.52 2.80 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.31 2.99 -10.35	36.57 2.59 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.19 2.38 -11.76	37.04 2.73 -12.28	46.85 3.33 -16.19	43.66 3.48 -11.69	39.96 3.50 -8.42	37.68 3.66 -5.17	34.96 3.39 -4.02	33.95 2.90 -6.69	31.51 2.22 -8.95
WDELAWARE___HYD 323627	43.07 1.70 -14.77	40.14 1.35 -16.67	39.49 1.26 -17.83	38.62 1.26 -16.98	37.53 1.28 -15.87	40.45 1.31 -18.73	44.17 1.36 -22.26	44.38 1.45 -20.60	46.29 1.83 -20.13	46.08 1.95 -18.20	40.46 2.06 -11.96	36.10 1.85 -9.29	34.29 1.56 -11.12	32.81 1.46 -12.08	32.01 1.55 -10.09	32.12 1.50 -10.57	34.81 1.74 -11.04	44.12 2.24 -14.56	41.40 2.39 -10.51	37.96 2.35 -7.57	35.91 2.42 -4.65	33.30 2.15 -3.60	32.15 1.78 -6.01	29.65 1.26 -8.04
WEST BABYLON___IC 23714	56.44 3.83 -26.02	53.64 3.10 -28.42	52.24 2.88 -28.97	51.34 2.85 -28.11	49.71 2.85 -26.48	53.54 2.98 -30.15	65.24 3.02 -41.66	66.37 3.35 -40.69	66.14 3.89 -37.91	65.30 4.12 -35.24	51.34 4.18 -20.73	49.68 3.92 -20.80	43.74 3.37 -18.75	40.64 3.01 -18.36	39.96 3.18 -16.41	41.55 3.13 -18.39	47.03 3.57 -21.44	61.87 4.56 -29.98	62.84 4.76 -29.59	54.74 4.74 -21.97	52.13 4.82 -18.47	54.16 4.46 -22.15	40.16 3.85 -11.95	35.23 2.99 -11.90
WEST CANADA___HYD 24049	26.42 0.27 0.44	21.85 0.22 0.50	20.06 0.20 0.53	20.05 0.18 0.51	20.11 0.20 0.47	20.06 0.20 0.56	20.10 0.21 0.66	21.94 0.22 0.61	24.01 0.27 0.59	25.68 0.29 0.54	26.38 0.29 0.35	24.96 0.28 0.27	21.50 0.22 0.33	19.09 0.17 0.36	20.28 0.20 0.30	19.93 0.20 0.31	21.92 0.22 0.33	27.19 0.30 0.43	28.50 0.31 0.31	28.11 0.31 0.23	28.99 0.29 0.14	27.72 0.28 0.11	24.42 0.24 0.18	20.29 0.18 0.24
WESTERN_NY_WIND 24143	29.45 0.56 -2.29	24.91 0.20 -2.59	23.36 0.20 -2.77	23.07 0.06 -2.63	23.02 0.18 -2.46	23.58 0.26 -2.91	23.84 -0.17 -3.45	25.73 0.20 -3.20	27.39 -0.07 -3.13	28.53 -0.23 -2.83	28.08 -0.21 -1.86	26.18 -0.23 -1.44	23.21 -0.13 -1.73	20.78 -0.37 -1.87	21.57 -0.37 -1.57	21.30 -0.38 -1.64	23.43 -0.31 -1.71	29.26 -0.33 -2.26	29.70 -0.43 -1.63	28.87 -0.34 -1.18	29.25 -0.32 -0.72	27.56 -0.55 -0.56	24.73 -0.56 -0.93	21.16 -0.43 -1.25
WESTOVER___LESR 323668	32.80 0.88 -5.33	28.78 0.64 -6.01	27.42 0.59 -6.43	27.05 0.55 -6.13	26.67 0.57 -5.73	27.76 0.59 -6.76	29.14 0.56 -8.03	30.41 0.65 -7.43	32.35 0.76 -7.27	33.31 0.80 -6.57	31.60 0.85 -4.32	29.04 0.72 -3.35	26.23 0.60 -4.01	24.11 0.48 -3.64	24.54 0.53 -3.64	24.38 0.52 -3.82	26.60 0.59 -3.99	33.37 0.79 -5.25	33.11 0.83 -3.79	31.58 0.81 -2.73	31.38 0.86 -1.68	29.56 0.72 -1.30	27.06 0.54 -2.17	23.69 0.45 -2.90



WETHRSFD_WT_PWR 323626	30.23 0.61 -3.02	25.78 0.24 -3.41	24.29 0.25 -3.65	23.93 0.08 -3.47	23.81 0.18 -3.25	24.39 0.14 -3.83	24.94 -0.17 -4.55	26.57 0.02 -4.22	28.45 0.00 -4.12	29.56 -0.10 -3.73	28.78 -0.11 -2.45	26.69 -0.17 -1.90	23.76 -0.13 -2.28	21.49 -0.25 -2.47	22.21 -0.22 -2.07	21.99 -0.22 -2.16	24.13 -0.15 -2.26	30.11 -0.19 -2.98	30.39 -0.26 -2.15	29.44 -0.14 -1.55	29.71 -0.09 -0.95	28.01 -0.28 -0.74	25.25 -0.34 -1.23	21.70 -0.28 -1.65
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.58 2.10 -15.89	41.71 1.66 -17.93	41.14 1.57 -19.18	40.22 1.59 -18.26	39.01 1.57 -17.07	42.17 1.61 -20.14	46.14 1.64 -23.94	46.36 1.88 -22.16	48.20 2.21 -21.65	47.82 2.31 -19.58	41.81 2.51 -12.86	37.30 2.35 -9.99	35.58 2.01 -11.96	34.07 1.81 -12.99	33.14 1.91 -10.85	33.28 1.86 -11.37	36.04 2.14 -11.88	45.63 2.65 -15.66	42.54 2.74 -11.30	38.93 2.75 -8.15	36.75 2.91 -5.00	34.06 2.65 -3.87	33.06 2.24 -6.46	30.66 1.67 -8.65
YORK___WARBASSE 23770	45.93 2.90 -16.43	42.97 2.30 -18.55	42.38 2.14 -19.84	41.42 2.16 -18.89	40.19 2.16 -17.66	43.43 2.19 -20.84	47.52 2.20 -24.77	47.67 2.43 -22.91	49.55 2.82 -22.39	49.14 2.96 -20.24	42.91 3.17 -13.30	38.36 3.04 -10.35	36.59 2.61 -12.37	35.02 2.31 -13.43	34.04 2.44 -11.22	34.21 2.40 -11.76	37.06 2.75 -12.28	46.93 3.42 -16.19	43.75 3.56 -11.69	40.04 3.59 -8.42	37.74 3.72 -5.17	35.04 3.47 -4.02	34.05 3.00 -6.69	31.57 2.28 -8.95