

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/14/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	27.55	23.67	22.40	22.25	23.49	25.01	31.83	35.56	34.61	32.78	35.05	36.90	39.43	41.03	45.65	50.02	52.99	63.57	63.33	60.15	55.00	37.41	34.52	28.83
24138	0.52	1.01	1.25	1.56	1.42	1.68	1.96	1.87	2.02	2.07	1.98	1.76	1.89	1.99	2.06	1.94	2.09	2.08	1.95	1.83	1.81	1.62	1.35	1.74
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.15	-9.88	-8.23	-11.35	-14.39	-16.34	-16.71	-21.48	-26.08	-28.48	-38.65	-38.40	-35.42	-31.13	-14.50	-16.50	-5.83
74TH STREET_GT_1	27.54	23.65	22.37	22.22	23.45	24.95	31.74	35.49	34.52	32.69	34.96	36.80	39.35	40.94	45.56	49.91	52.88	63.48	63.26	60.08	54.94	37.35	34.47	28.76
24260	0.51	0.98	1.22	1.53	1.38	1.61	1.87	1.80	1.93	1.98	1.89	1.66	1.80	1.90	1.97	1.82	1.97	1.99	1.88	1.76	1.74	1.55	1.30	1.68
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.09	-28.49	-38.65	-38.41	-35.42	-31.13	-14.50	-16.50	-5.83
74TH STREET_GT_2	27.54	23.65	22.37	22.22	23.45	24.95	31.74	35.49	34.52	32.69	34.96	36.80	39.35	40.94	45.56	49.91	52.88	63.48	63.26	60.08	54.94	37.35	34.47	28.76
24261	0.51	0.98	1.22	1.53	1.38	1.61	1.87	1.80	1.93	1.98	1.89	1.66	1.80	1.90	1.97	1.82	1.97	1.99	1.88	1.76	1.74	1.55	1.30	1.68
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.09	-28.49	-38.65	-38.41	-35.42	-31.13	-14.50	-16.50	-5.83
ADK HUDSON___FALLS	32.03	25.77	23.98	21.88	24.11	25.00	31.84	38.62	36.28	34.42	38.75	42.19	45.47	47.08	53.82	60.44	64.85	72.98	72.08	68.07	63.92	41.54	39.13	28.61
24011	0.14	0.27	0.38	0.41	0.44	0.45	0.67	0.77	0.77	0.65	0.65	0.68	0.70	0.65	0.73	0.81	0.85	0.91	1.06	1.19	1.19	1.06	0.62	0.62
	-25.76	-13.64	-8.32	-2.62	-5.45	-4.12	-8.06	-15.32	-12.80	-11.29	-16.38	-20.75	-23.57	-24.10	-30.99	-37.62	-41.58	-49.22	-48.06	-43.99	-40.66	-19.18	-21.84	-6.74
ADK RESOURCE___RCVRY	32.07	25.80	24.02	21.90	24.16	25.03	31.92	38.75	36.36	34.52	38.86	42.31	45.59	47.21	53.96	60.58	65.00	73.14	72.23	68.25	64.09	41.68	39.22	28.68
23798	0.16	0.30	0.41	0.43	0.47	0.47	0.74	0.88	0.84	0.74	0.74	0.77	0.79	0.74	0.82	0.90	0.94	1.03	1.17	1.33	1.32	1.19	0.68	0.68
	-25.78	-13.65	-8.33	-2.62	-5.46	-4.12	-8.07	-15.34	-12.82	-11.30	-16.40	-20.78	-23.61	-24.14	-31.04	-37.68	-41.64	-49.26	-48.09	-44.02	-40.70	-19.20	-21.86	-6.74
ADK S GLENS___FALLS	32.03	25.77	23.98	21.88	24.11	25.00	31.84	38.62	36.28	34.42	38.75	42.19	45.47	47.08	53.82	60.44	64.85	72.98	72.08	68.07	63.92	41.54	39.13	28.61
24028	0.14	0.27	0.38	0.41	0.44	0.45	0.67	0.77	0.77	0.65	0.65	0.68	0.70	0.65	0.73	0.81	0.85	0.91	1.06	1.19	1.19	1.06	0.62	0.62
	-25.76	-13.64	-8.32	-2.62	-5.45	-4.12	-8.06	-15.32	-12.80	-11.29	-16.38	-20.75	-23.57	-24.10	-30.99	-37.62	-41.58	-49.22	-48.06	-43.99	-40.66	-19.18	-21.84	-6.74
ADK_NYS___DAM	31.16	25.37	23.76	22.16	24.24	25.18	31.82	37.89	35.84	34.06	37.91	40.96	44.10	45.77	52.06	58.12	62.27	70.95	70.22	66.28	61.93	40.52	38.13	28.54
23527	0.21	0.41	0.63	0.85	0.87	0.86	0.90	0.92	0.95	0.94	0.89	0.81	0.87	0.92	1.00	0.97	1.03	1.00	1.03	1.03	1.02	0.94	0.63	0.72
	-24.83	-13.10	-7.85	-2.47	-5.15	-3.89	-7.81	-14.43	-12.18	-10.63	-15.31	-19.40	-22.03	-22.52	-28.96	-35.16	-38.82	-47.10	-46.21	-42.35	-38.85	-18.29	-20.83	-6.56
AIR_PRODUCTS___DRP	30.37	24.71	23.03	21.50	23.47	24.53	31.06	36.66	34.81	33.02	36.63	39.53	42.53	44.15	50.14	55.93	59.88	68.92	68.41	64.60	60.18	39.42	37.08	28.01
24190	0.07	0.14	0.21	0.28	0.31	0.37	0.32	0.32	0.36	0.36	0.35	0.31	0.36	0.38	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.43	0.25	0.32
	-24.16	-12.72	-7.53	-2.37	-4.94	-3.73	-7.63	-13.82	-11.74	-10.18	-14.57	-18.46	-20.97	-21.44	-27.57	-33.47	-36.99	-45.62	-44.98	-41.25	-37.65	-17.70	-20.16	-6.44
ALBANY___1	30.37	24.71	23.03	21.50	23.47	24.53	31.06	36.66	34.81	33.02	36.63	39.53	42.53	44.15	50.14	55.93	59.88	68.92	68.41	64.60	60.18	39.42	37.08	28.01
23571	0.07	0.14	0.21	0.28	0.31	0.37	0.32	0.32	0.36	0.36	0.35	0.31	0.36	0.38	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.43	0.25	0.32
	-24.16	-12.72	-7.53	-2.37	-4.94	-3.73	-7.63	-13.82	-11.74	-10.18	-14.57	-18.46	-20.97	-21.44	-27.57	-33.47	-36.99	-45.62	-44.98	-41.25	-37.65	-17.70	-20.16	-6.44
ALBANY___2	30.37	24.71	23.03	21.50	23.47	24.53	31.06	36.66	34.81	33.02	36.63	39.53	42.53	44.15	50.14	55.93	59.88	68.92	68.41	64.60	60.18	39.42	37.08	28.01
23572	0.07	0.14	0.21	0.28	0.31	0.37	0.32	0.32	0.36	0.36	0.35	0.31	0.36	0.38	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.43	0.25	0.32
	-24.16	-12.72	-7.53	-2.37	-4.94	-3.73	-7.63	-13.82	-11.74	-10.18	-14.57	-18.46	-20.97	-21.44	-27.57	-33.47	-36.99	-45.62	-44.98	-41.25	-37.65	-17.70	-20.16	-6.44
ALBANY___3	30.37	24.71	23.03	21.50	23.47	24.53	31.06	36.66	34.81	33.02	36.63	39.53	42.53	44.15	50.14	55.93	59.88	68.92	68.41	64.60	60.18	39.42	37.08	28.01
23573	0.07	0.14	0.21	0.28	0.31	0.37	0.32	0.32	0.36	0.36	0.35	0.31	0.36	0.38	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.43	0.25	0.32
	-24.16	-12.72	-7.53	-2.37	-4.94	-3.73	-7.63	-13.82	-11.74	-10.18	-14.57	-18.46	-20.97	-21.44	-27.57	-33.47	-36.99	-45.62	-44.98	-41.25	-37.65	-17.70	-20.16	-6.44
ALBANY___4	30.37	24.71	23.03	21.50	23.47	24.53	31.06	36.66	34.81	33.02	36.63	39.53	42.53	44.15	50.14	55.93	59.88	68.92	68.41	64.60	60.18	39.42	37.08	28.01
23574	0.07	0.14	0.21	0.28	0.31	0.37	0.32	0.32	0.36	0.36	0.35	0.31	0.36	0.38	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.43	0.25	0.32
	-24.16	-12.72	-7.53	-2.37	-4.94	-3.73	-7.63	-13.82	-11.74	-10.18	-14.57	-18.46	-20.97	-21.44	-27.57	-33.47	-36.99	-45.62	-44.98	-41.25	-37.65	-17.70	-20.16	-6.44



ALBANY___LFGE 323615	30.96 0.12 -24.71	25.12 0.24 -13.03	23.42 0.34 -7.80	21.73 0.43 -2.45	23.81 0.47 -5.11	24.81 0.51 -3.86	31.44 0.55 -7.78	37.38 0.52 -14.33	35.38 0.57 -12.10	33.60 0.56 -10.56	37.45 0.54 -15.19	40.52 0.52 -19.25	43.61 0.55 -21.86	45.26 0.58 -22.35	51.50 0.66 -28.74	57.55 0.66 -34.89	61.67 0.70 -38.56	70.39 0.68 -46.86	69.69 0.69 -46.03	65.79 0.71 -42.18	61.45 0.71 -38.68	40.14 0.64 -18.21	37.82 0.42 -20.73	28.31 0.51 -6.54
ALCOA_RYNLDS___DRP 24188	4.82 -0.12 1.19	11.08 -0.25 0.52	14.96 -0.32 0.00	18.45 -0.40 0.00	17.93 -0.29 0.00	20.04 -0.39 0.00	22.18 -0.46 0.47	21.79 -0.52 0.22	21.74 -0.55 0.42	21.78 -0.54 0.16	21.22 -0.50 0.00	20.32 -0.44 0.00	20.72 -0.49 0.00	21.80 -0.54 0.00	21.66 -0.44 0.00	21.51 -0.48 0.00	21.83 -0.49 0.09	16.73 -0.37 5.75	16.49 -0.39 6.09	16.64 -0.37 5.89	18.11 -0.40 3.56	19.44 -0.38 1.47	14.72 -0.30 1.65	19.53 -0.36 1.37
ALCOA___DSASP 323711	4.82 -0.12 1.19	11.08 -0.25 0.52	14.96 -0.32 0.00	18.45 -0.40 0.00	17.93 -0.29 0.00	20.04 -0.39 0.00	22.18 -0.46 0.47	21.79 -0.52 0.22	21.74 -0.55 0.42	21.78 -0.54 0.16	21.22 -0.50 0.00	20.32 -0.44 0.00	20.72 -0.49 0.00	21.80 -0.54 0.00	21.66 -0.44 0.00	21.51 -0.48 0.00	21.83 -0.49 0.09	16.73 -0.37 5.75	16.49 -0.39 6.09	16.64 -0.37 5.89	18.11 -0.40 3.56	19.44 -0.38 1.47	14.72 -0.30 1.65	19.53 -0.36 1.37
ALLEGHENY___COGEN 23514	18.27 0.31 -11.82	17.95 0.62 -5.48	17.22 0.87 -1.07	20.20 1.02 -0.34	19.85 0.93 -0.70	22.19 1.23 -0.53	28.94 1.46 -4.38	27.42 1.35 -3.54	28.63 1.29 -4.63	26.29 1.17 -2.64	24.78 0.98 -2.08	24.18 0.79 -2.64	25.05 0.85 -3.00	26.34 0.94 -3.07	26.76 0.71 -3.94	27.60 0.81 -4.79	29.54 1.03 -6.09	53.49 0.89 -29.75	54.09 1.08 -30.04	51.95 1.12 -27.94	37.79 1.30 -14.42	28.72 1.17 -6.26	24.61 0.87 -7.08	26.91 1.25 -4.39
ALTONA_WT_PWR 323606	4.48 -0.25 1.41	10.79 -0.45 0.62	14.79 -0.49 0.00	18.22 -0.62 0.00	17.88 -0.35 0.00	20.21 -0.22 0.00	22.40 -0.16 0.55	22.31 0.05 0.26	22.30 0.09 0.50	22.36 0.07 0.19	21.80 0.09 0.00	20.90 0.15 0.00	21.31 0.11 0.00	22.42 0.09 0.00	22.30 0.20 0.00	22.15 0.16 0.00	22.44 0.14 0.11	18.20 0.28 4.92	17.97 0.21 5.21	18.04 0.18 5.04	19.02 0.00 3.05	19.89 -0.15 1.26	14.99 -0.27 1.41	19.68 -0.40 1.17
AMERICAN_REF_FUEL 24010	17.61 -0.21 -11.69	16.89 -0.37 -5.40	15.98 -0.31 -1.00	18.80 -0.36 -0.31	18.42 -0.45 -0.65	20.48 -0.45 -0.49	26.71 -0.74 -4.34	25.01 -0.95 -3.43	26.37 -0.89 -4.55	24.16 -0.88 -2.55	22.68 -0.98 -1.94	22.18 -1.04 -2.46	23.09 -0.91 -2.80	24.28 -0.92 -2.86	24.46 -1.33 -3.68	25.10 -1.36 -4.46	26.81 -1.34 -5.73	40.73 -1.69 -19.57	41.58 -1.84 -20.45	40.80 -1.67 -19.58	34.95 -1.15 -14.04	26.23 -1.13 -6.07	22.86 -0.67 -6.86	24.96 -0.66 -4.36
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.15 0.09 -11.93	17.61 0.21 -5.55	16.87 0.46 -1.13	19.73 0.53 -0.35	19.40 0.44 -0.74	21.60 0.61 -0.56	28.05 0.53 -4.40	26.79 0.63 -3.63	28.22 0.82 -4.70	26.04 0.85 -2.71	24.54 0.63 -2.20	23.99 0.46 -2.78	24.98 0.62 -3.16	26.26 0.69 -3.23	26.59 0.33 -4.15	27.24 0.20 -5.04	29.07 0.27 -6.38	43.05 -0.11 -20.32	44.01 -0.07 -21.11	43.01 -0.05 -20.16	36.93 0.35 -14.51	27.75 0.15 -6.30	24.01 0.22 -7.13	25.98 0.32 -4.40
ARTHUR_KILL_GT_1 23520	27.58 0.55 -20.90	23.73 1.07 -10.81	22.46 1.31 -5.86	22.29 1.60 -1.84	23.53 1.46 -3.84	24.91 1.57 -2.90	31.67 1.80 -6.76	35.05 1.37 -11.15	34.12 1.54 -9.87	32.40 1.69 -8.23	34.58 1.52 -11.35	36.48 1.35 -14.38	39.04 1.51 -16.33	40.62 1.59 -16.70	45.24 1.66 -21.48	49.53 1.45 -26.08	52.51 1.62 -28.48	63.04 1.55 -38.64	62.82 1.45 -38.40	59.64 1.33 -35.42	54.58 1.39 -31.12	36.96 1.17 -14.50	34.30 1.13 -16.50	28.87 1.79 -5.83
ARTHUR_KILL_2 23512	27.57 0.54 -20.90	23.70 1.03 -10.81	22.41 1.27 -5.86	22.25 1.56 -1.84	23.49 1.42 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	34.99 1.31 -11.15	34.05 1.48 -9.87	32.33 1.62 -8.23	34.54 1.48 -11.35	36.42 1.29 -14.38	38.98 1.44 -16.33	40.53 1.50 -16.70	45.18 1.59 -21.48	49.46 1.39 -26.08	52.44 1.55 -28.48	62.97 1.48 -38.64	62.75 1.38 -38.40	59.55 1.24 -35.42	54.49 1.30 -31.12	36.90 1.11 -14.50	34.25 1.08 -16.50	28.81 1.72 -5.83
ARTHUR_KILL_3 23513	27.49 0.46 -20.90	23.57 0.90 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	24.83 1.49 -2.90	31.58 1.71 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.62 1.47 -14.39	39.16 1.61 -16.34	40.74 1.70 -16.71	45.34 1.75 -21.48	49.71 1.63 -26.08	52.68 1.77 -28.49	63.26 1.76 -38.65	63.03 1.65 -38.41	59.85 1.53 -35.42	54.71 1.52 -31.13	37.18 1.38 -14.50	34.35 1.18 -16.50	28.64 1.55 -5.83
ARTHUR_KILL_COGEN 323718	27.58 0.55 -20.90	23.73 1.07 -10.81	22.46 1.31 -5.86	22.29 1.60 -1.84	23.53 1.46 -3.84	24.91 1.57 -2.90	31.67 1.80 -6.76	35.05 1.37 -11.15	34.12 1.54 -9.87	32.40 1.69 -8.23	34.58 1.52 -11.35	36.48 1.35 -14.38	39.04 1.51 -16.33	40.62 1.59 -16.70	45.24 1.66 -21.48	49.53 1.45 -26.08	52.51 1.62 -28.48	63.04 1.55 -38.64	62.82 1.45 -38.40	59.64 1.33 -35.42	54.58 1.39 -31.12	36.96 1.17 -14.50	34.30 1.13 -16.50	28.87 1.79 -5.83
ASHOKAN____ 23654	28.48 -0.01 -22.36	23.53 0.01 -11.67	21.86 -0.03 -6.61	20.85 -0.08 -2.08	22.38 -0.18 -4.34	23.63 -0.08 -3.27	30.23 -0.02 -7.15	34.80 -0.07 -12.34	33.37 -0.05 -10.71	31.46 -0.11 -9.09	34.41 -0.09 -12.78	36.89 -0.06 -16.20	39.54 -0.06 -18.40	41.21 0.07 -18.81	46.51 0.22 -24.19	51.61 0.24 -29.37	55.16 0.34 -32.41	65.07 0.36 -41.86	64.81 0.39 -41.45	61.41 0.39 -38.12	56.46 0.24 -34.16	37.47 0.19 -15.99	34.97 0.10 -18.20	27.54 0.17 -6.11
ASTORIA_EAST_ENERGY_CC1 323581	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_EAST_ENERGY_CC2 323582	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT2_I 24094	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84



ASTORIA_GT2_2 24095	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT2_3 24096	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT2_4 24097	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT3_1 24098	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT3_2 24099	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT3_3 24100	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT3_4 24101	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT4_1 24102	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT4_2 24103	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT4_3 24104	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT4_4 24105	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA_GT_1 23523	27.58 0.54 -20.91	23.72 1.04 -10.82	22.45 1.30 -5.87	22.30 1.60 -1.85	23.53 1.46 -3.85	24.97 1.64 -2.90	31.76 1.90 -6.76	35.33 1.64 -11.16	34.33 1.75 -9.87	32.50 1.80 -8.22	34.78 1.72 -11.35	36.63 1.50 -14.38	39.17 1.63 -16.33	40.73 1.70 -16.70	45.33 1.75 -21.48	49.66 1.58 -26.08	52.62 1.73 -28.48	63.22 1.74 -38.64	63.02 1.65 -38.40	59.87 1.56 -35.42	54.66 1.48 -31.12	37.06 1.28 -14.49	34.50 1.33 -16.50	28.88 1.79 -5.84
ASTORIA_GT_10 24110	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
ASTORIA_GT_11 24225	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
ASTORIA_GT_12 24226	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83



ASTORIA_GT_13 24227	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
ASTORIA_GT_5 24106	27.58 0.54 -20.91	23.72 1.04 -10.82	22.45 1.30 -5.87	22.30 1.60 -1.85	23.53 1.46 -3.85	24.97 1.64 -2.90	31.76 1.90 -6.76	35.33 1.64 -11.16	34.33 1.75 -9.87	32.50 1.80 -8.22	34.78 1.72 -11.35	36.63 1.50 -14.38	39.17 1.63 -16.33	40.73 1.70 -16.70	45.33 1.75 -21.48	49.66 1.58 -26.08	52.62 1.73 -28.48	63.22 1.74 -38.64	63.02 1.65 -38.40	59.87 1.56 -35.42	54.66 1.48 -31.12	37.06 1.28 -14.49	34.50 1.33 -16.50	28.88 1.79 -5.84
ASTORIA_GT_7 24107	27.58 0.54 -20.91	23.72 1.04 -10.82	22.45 1.30 -5.87	22.30 1.60 -1.85	23.53 1.46 -3.85	24.97 1.64 -2.90	31.76 1.90 -6.76	35.33 1.64 -11.16	34.33 1.75 -9.87	32.50 1.80 -8.22	34.78 1.72 -11.35	36.63 1.50 -14.38	39.17 1.63 -16.33	40.73 1.70 -16.70	45.33 1.75 -21.48	49.66 1.58 -26.08	52.62 1.73 -28.48	63.22 1.74 -38.64	63.02 1.65 -38.40	59.87 1.56 -35.42	54.66 1.48 -31.12	37.06 1.28 -14.49	34.50 1.33 -16.50	28.88 1.79 -5.84
ASTORIA_GT_8 24108	27.58 0.54 -20.91	23.72 1.04 -10.82	22.45 1.30 -5.87	22.30 1.60 -1.85	23.53 1.46 -3.85	24.97 1.64 -2.90	31.76 1.90 -6.76	35.33 1.64 -11.16	34.33 1.75 -9.87	32.50 1.80 -8.22	34.78 1.72 -11.35	36.63 1.50 -14.38	39.17 1.63 -16.33	40.73 1.70 -16.70	45.33 1.75 -21.48	49.66 1.58 -26.08	52.62 1.73 -28.48	63.22 1.74 -38.64	63.02 1.65 -38.40	59.87 1.56 -35.42	54.66 1.48 -31.12	37.06 1.28 -14.49	34.50 1.33 -16.50	28.88 1.79 -5.84
ASTORIA___2 24149	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.28 1.58 -1.85	23.51 1.44 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.29 1.60 -11.16	34.28 1.70 -9.87	32.46 1.75 -8.22	34.74 1.67 -11.35	36.59 1.45 -14.38	39.13 1.59 -16.33	40.69 1.65 -16.70	45.28 1.70 -21.48	49.61 1.54 -26.08	52.58 1.68 -28.48	63.16 1.67 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.62 1.43 -31.12	37.02 1.23 -14.49	34.47 1.30 -16.50	28.86 1.76 -5.84
ASTORIA___3 23516	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
ASTORIA___4 23517	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
ASTORIA___5 23518	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
AST_ENERGY_2_CC3 323677	27.49 0.47 -20.90	23.57 0.90 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	24.83 1.49 -2.90	31.55 1.69 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.51 1.80 -8.23	34.77 1.69 -11.36	36.62 1.47 -14.39	39.16 1.61 -16.34	40.74 1.70 -16.71	45.36 1.77 -21.48	49.73 1.65 -26.08	52.70 1.79 -28.49	63.30 1.80 -38.65	63.05 1.68 -38.41	59.90 1.58 -35.42	54.74 1.54 -31.13	37.18 1.38 -14.50	34.35 1.18 -16.50	28.62 1.53 -5.83
AST_ENERGY_2_CC4 323678	27.49 0.47 -20.90	23.57 0.90 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	24.83 1.49 -2.90	31.55 1.69 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.51 1.80 -8.23	34.77 1.69 -11.36	36.62 1.47 -14.39	39.16 1.61 -16.34	40.74 1.70 -16.71	45.36 1.77 -21.48	49.73 1.65 -26.08	52.70 1.79 -28.49	63.30 1.80 -38.65	63.05 1.68 -38.41	59.90 1.58 -35.42	54.74 1.54 -31.13	37.18 1.38 -14.50	34.35 1.18 -16.50	28.62 1.53 -5.83
ATHENS_STG_1 23668	27.89 0.23 -21.54	23.50 0.45 -11.19	22.06 0.57 -6.21	21.53 0.73 -1.95	22.95 0.66 -4.07	24.29 0.78 -3.08	30.89 0.86 -6.92	35.04 0.81 -11.70	33.82 0.86 -10.25	32.01 0.90 -8.63	34.59 0.85 -12.03	36.74 0.75 -15.24	39.32 0.81 -17.31	40.90 0.87 -17.70	45.79 0.93 -22.75	50.53 0.90 -27.63	53.87 0.92 -30.53	63.96 0.89 -40.23	63.73 0.85 -39.91	60.47 0.82 -36.75	55.53 0.82 -32.65	37.34 0.79 -15.25	34.64 0.62 -17.36	28.00 0.79 -5.96
ATHENS_STG_2 23670	27.89 0.23 -21.54	23.50 0.45 -11.19	22.06 0.57 -6.21	21.53 0.73 -1.95	22.95 0.66 -4.07	24.29 0.78 -3.08	30.89 0.86 -6.92	35.04 0.81 -11.70	33.82 0.86 -10.25	32.01 0.90 -8.63	34.59 0.85 -12.03	36.74 0.75 -15.24	39.32 0.81 -17.31	40.90 0.87 -17.70	45.79 0.93 -22.75	50.53 0.90 -27.63	53.87 0.92 -30.53	63.96 0.89 -40.23	63.73 0.85 -39.91	60.47 0.82 -36.75	55.53 0.82 -32.65	37.34 0.79 -15.25	34.64 0.62 -17.36	28.00 0.79 -5.96
ATHENS_STG_3 23677	27.89 0.23 -21.54	23.50 0.45 -11.19	22.06 0.57 -6.21	21.53 0.73 -1.95	22.95 0.66 -4.07	24.29 0.78 -3.08	30.89 0.86 -6.92	35.04 0.81 -11.70	33.82 0.86 -10.25	32.01 0.90 -8.63	34.59 0.85 -12.03	36.74 0.75 -15.24	39.32 0.81 -17.31	40.90 0.87 -17.70	45.79 0.93 -22.75	50.53 0.90 -27.63	53.87 0.92 -30.53	63.96 0.89 -40.23	63.73 0.85 -39.91	60.47 0.82 -36.75	55.53 0.82 -32.65	37.34 0.79 -15.25	34.64 0.62 -17.36	28.00 0.79 -5.96
AUBURN___LFGE 323710	17.57 0.18 -11.26	17.35 0.34 -5.16	16.53 0.46 -0.79	19.55 0.45 -0.25	19.14 0.40 -0.52	21.38 0.55 -0.39	28.07 0.74 -4.22	26.53 0.88 -3.12	27.93 0.88 -4.34	25.60 0.79 -2.33	24.08 0.78 -1.58	23.47 0.71 -2.01	24.24 0.76 -2.28	25.51 0.85 -2.33	25.87 0.77 -3.00	26.42 0.79 -3.64	28.08 0.85 -4.81	44.24 0.68 -20.71	45.10 0.71 -21.42	44.04 0.71 -20.44	36.33 0.71 -13.56	27.76 0.64 -5.82	23.65 0.40 -6.58	26.12 0.51 -4.35
BABYLON_RES_REC 323704	27.66 0.63 -20.90	23.81 1.14 -10.82	22.54 1.39 -5.86	22.31 1.62 -1.85	23.60 1.53 -3.84	25.28 1.94 -2.90	31.46 1.59 -6.76	35.10 1.42 -11.15	33.50 1.13 -9.65	32.26 1.55 -8.23	31.74 1.28 -8.74	31.80 0.96 -10.09	33.57 0.96 -11.41	40.02 0.98 -16.70	44.67 1.08 -21.48	45.02 0.90 -22.12	52.12 1.21 -28.49	62.71 1.21 -38.65	62.48 1.10 -38.41	59.24 0.92 -35.43	54.32 1.12 -31.13	37.37 1.58 -14.50	33.86 0.70 -16.49	28.30 1.21 -5.83



BARON_WINDS___WT_PWR	18.55	17.75	16.87	19.59	19.35	21.51	28.02	26.87	28.02	25.84	24.62	24.25	25.29	26.56	27.20	28.14	30.09	39.40	40.59	40.07	37.72	28.20	24.53	26.08
323822	0.04	0.09	0.23	0.32	0.24	0.41	0.39	0.34	0.36	0.38	0.26	0.15	0.27	0.34	0.09	0.07	0.16	-0.11	-0.05	0.00	0.22	0.15	0.22	0.34
	-12.37	-5.81	-1.36	-0.43	-0.89	-0.67	-4.52	-4.00	-4.95	-2.98	-2.65	-3.35	-3.81	-3.89	-5.01	-6.08	-7.51	-16.67	-17.66	-17.18	-15.43	-6.76	-7.65	-4.48
BARRETT_IC_1	27.61	23.72	22.41	22.25	23.54	25.18	31.44	34.97	33.30	32.19	31.08	31.01	32.67	40.12	44.70	44.76	52.28	62.72	62.48	59.25	54.43	37.26	33.94	28.27
23704	0.58	1.05	1.27	1.56	1.48	1.84	1.57	1.28	0.95	1.48	1.09	0.93	0.93	1.07	1.10	1.01	1.37	1.23	1.10	0.94	1.23	1.47	0.77	1.19
	-20.90	-10.82	-5.86	-1.85	-3.84	-2.90	-6.76	-11.16	-9.64	-8.23	-8.28	-9.32	-10.53	-16.71	-21.49	-21.75	-28.49	-38.65	-38.41	-35.42	-31.13	-14.50	-16.50	-5.83
BARRETT_IC_10	27.61	23.72	22.41	22.25	23.54	25.18	31.44	34.97	33.30	32.19	31.08	31.01	32.67	40.12	44.70	44.76	52.28	62.72	62.48	59.25	54.43	37.26	33.94	28.27
23701	0.58	1.05	1.27	1.56	1.48	1.84	1.57	1.28	0.95	1.48	1.09	0.93	0.93	1.07	1.10	1.01	1.37	1.23	1.10	0.94	1.23	1.47	0.77	1.19
	-20.90	-10.82	-5.86	-1.85	-3.84	-2.90	-6.76	-11.16	-9.64	-8.23	-8.28	-9.32	-10.53	-16.71	-21.49	-21.75	-28.49	-38.65	-38.41	-35.42	-31.13	-14.50	-16.50	-5.83
BARRETT_IC_11	27.61	23.72	22.41	22.25	23.54	25.18	31.44	34.97	33.30	32.19	31.08	31.01	32.67	40.12	44.70	44.76	52.28	62.72	62.48	59.25	54.43	37.26	33.94	28.27
23702	0.58	1.05	1.27	1.56	1.48	1.84	1.57	1.28	0.95	1.48	1.09	0.93	0.93	1.07	1.10	1.01	1.37	1.23	1.10	0.94	1.23	1.47	0.77	1.19
	-20.90	-10.82	-5.86	-1.85	-3.84	-2.90	-6.76	-11.16	-9.64	-8.23	-8.28	-9.32	-10.53	-16.71	-21.49	-21.75	-28.49	-38.65	-38.41	-35.42	-31.13	-14.50	-16.50	-5.83
BARRETT_IC_12	27.61	23.72	22.41	22.25	23.54	25.18	31.44	34.97	33.30	32.19	31.08	31.01	32.67	40.12	44.70	44.76	52.28	62.72	62.48	59.25	54.43	37.26	33.94	28.27
23703	0.58	1.05	1.27	1.56	1.48	1.84	1.57	1.28	0.95	1.48	1.09	0.93	0.93	1.07	1.10	1.01	1.37	1.23	1.10	0.94	1.23	1.47	0.77	1.19
	-20.90	-10.82	-5.86	-1.85	-3.84	-2.90	-6.76	-11.16	-9.64	-8.23	-8.28	-9.32	-10.53	-16.71	-21.49	-21.75	-28.49	-38.65	-38.41	-35.42	-31.13	-14.50	-16.50	-5.83
BARRETT_IC_2	27.61	23.72	22.41	22.25	23.54	25.18	31.44	34.97	33.30	32.19	31.08	31.01	32.67	40.12	44.70	44.76	52.28	62.72	62.48	59.25	54.43	37.26	33.94	28.27
23705	0.58	1.05	1.27	1.56	1.48	1.84	1.57	1.28	0.95	1.48	1.09	0.93	0.93	1.07	1.10	1.01	1.37	1.23	1.10	0.94	1.23	1.47	0.77	1.19</



BAYONEEC___CTG1 323682	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG10 323750	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG2 323683	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG3 323684	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG4 323685	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG5 323686	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG6 323687	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG7 323688	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG8 323689	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BAYONEEC___CTG9 323749	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.08 1.70 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
BEACON___LESR 323632	30.49 0.16 -24.20	24.91 0.32 -12.74	23.28 0.44 -7.55	21.80 0.58 -2.38	23.75 0.58 -4.95	24.82 0.65 -3.74	31.49 0.74 -7.64	37.09 0.72 -13.84	35.21 0.75 -11.76	33.38 0.70 -10.20	36.97 0.65 -14.60	39.88 0.62 -18.50	42.89 0.68 -21.01	44.53 0.71 -21.48	50.52 0.79 -27.62	56.35 0.81 -33.54	60.33 0.85 -37.06	69.37 0.82 -45.70	68.86 0.85 -45.04	65.10 0.89 -41.31	60.64 0.86 -37.71	39.84 0.81 -17.73	37.39 0.53 -20.19	28.36 0.66 -6.44
BEAVER RIVER___HYD 24048	12.73 -0.02 -6.62	14.77 -0.06 -2.98	15.42 -0.12 -0.26	18.74 -0.19 -0.08	18.23 -0.16 -0.17	20.44 -0.12 -0.13	25.64 0.00 -2.53	23.98 -0.11 -1.56	24.94 -0.20 -2.44	23.53 -0.20 -1.25	21.94 -0.28 -0.50	21.12 -0.27 -0.64	21.63 -0.30 -0.72	22.74 -0.33 -0.74	22.84 -0.22 -0.95	22.95 -0.20 -1.16	24.08 -0.13 -1.80	53.16 -0.09 -30.40	55.01 -0.05 -32.09	53.80 -0.05 -30.95	41.24 0.02 -19.16	29.34 0.06 -7.98	25.75 0.10 -8.98	28.52 0.17 -7.09
BEEBEE_GT_13 23619	17.52 0.15 -11.23	17.29 0.30 -5.14	16.50 0.46 -0.76	19.63 0.55 -0.24	19.19 0.47 -0.50	21.44 0.63 -0.38	28.07 0.74 -4.22	26.19 0.61 -3.05	27.57 0.57 -4.29	25.30 0.54 -2.28	23.70 0.50 -1.48	23.02 0.39 -1.88	23.82 0.49 -2.13	25.07 0.56 -2.18	25.28 0.38 -2.80	25.80 0.40 -3.40	27.42 0.45 -4.56	43.55 0.28 -20.43	44.43 0.23 -21.23	43.44 0.30 -20.25	35.77 0.35 -13.35	27.33 0.30 -5.73	23.43 0.28 -6.47	26.05 0.49 -4.30
BETHLEHEM___GRP 23843	30.37 0.07 -24.16	24.71 0.14 -12.72	23.03 0.21 -7.53	21.50 0.28 -2.37	23.47 0.31 -4.94	24.53 0.37 -3.73	31.06 0.32 -7.63	36.66 0.32 -13.82	34.81 0.36 -11.74	33.02 0.36 -10.18	36.63 0.35 -14.57	39.53 0.31 -18.46	42.53 0.36 -20.97	44.15 0.38 -21.44	50.14 0.46 -27.57	55.93 0.46 -33.47	59.88 0.47 -36.99	68.92 0.46 -45.62	68.41 0.46 -44.98	64.60 0.46 -41.25	60.18 0.46 -37.65	39.42 0.43 -17.70	37.08 0.25 -20.16	28.01 0.32 -6.44
BETHLEHEM___GS1 323560	30.37 0.07 -24.16	24.71 0.14 -12.72	23.03 0.21 -7.53	21.50 0.28 -2.37	23.47 0.31 -4.94	24.53 0.37 -3.73	31.06 0.32 -7.63	36.66 0.32 -13.82	34.81 0.36 -11.74	33.02 0.36 -10.18	36.63 0.35 -14.57	39.53 0.31 -18.46	42.53 0.36 -20.97	44.15 0.38 -21.44	50.14 0.46 -27.57	55.93 0.46 -33.47	59.88 0.47 -36.99	68.92 0.46 -45.62	68.41 0.46 -44.98	64.60 0.46 -41.25	60.18 0.46 -37.65	39.42 0.43 -17.70	37.08 0.25 -20.16	28.01 0.32 -6.44



BETHLEHEM___GS2 323561	30.37 0.07 -24.16	24.71 0.14 -12.72	23.03 0.21 -7.53	21.50 0.28 -2.37	23.47 0.31 -4.94	24.53 0.37 -3.73	31.06 0.32 -7.63	36.66 0.32 -13.82	34.81 0.36 -11.74	33.02 0.36 -10.18	36.63 0.35 -14.57	39.53 0.31 -18.46	42.53 0.36 -20.97	44.15 0.38 -21.44	50.14 0.46 -27.57	55.93 0.46 -33.47	59.88 0.47 -36.99	68.92 0.46 -45.62	68.41 0.46 -44.98	64.60 0.46 -41.25	60.18 0.46 -37.65	39.42 0.43 -17.70	37.08 0.25 -20.16	28.01 0.32 -6.44
BETHLEHEM___GS3 323562	30.37 0.07 -24.16	24.71 0.14 -12.72	23.03 0.21 -7.53	21.50 0.28 -2.37	23.47 0.31 -4.94	24.53 0.37 -3.73	31.06 0.32 -7.63	36.66 0.32 -13.82	34.81 0.36 -11.74	33.02 0.36 -10.18	36.63 0.35 -14.57	39.53 0.31 -18.46	42.53 0.36 -20.97	44.15 0.38 -21.44	50.14 0.46 -27.57	55.93 0.46 -33.47	59.88 0.47 -36.99	68.92 0.46 -45.62	68.41 0.46 -44.98	64.60 0.46 -41.25	60.18 0.46 -37.65	39.42 0.43 -17.70	37.08 0.25 -20.16	28.01 0.32 -6.44
BETHLEHEM___STEEL 23779	17.87 -0.07 -11.81	17.21 -0.12 -5.47	16.36 0.02 -1.06	19.22 0.04 -0.33	18.85 -0.07 -0.70	20.98 0.02 -0.53	27.30 -0.19 -4.37	25.77 -0.29 -3.53	27.12 -0.20 -4.62	24.93 -0.18 -2.63	23.46 -0.33 -2.07	22.94 -0.44 -2.62	23.88 -0.30 -2.98	25.13 -0.25 -3.04	25.38 -0.64 -3.91	26.07 -0.68 -4.75	27.84 -0.63 -6.05	41.42 -0.98 -19.56	42.39 -1.03 -20.45	41.56 -0.92 -19.58	35.88 -0.46 -14.28	26.97 -0.51 -6.19	23.45 -0.22 -7.00	25.46 -0.17 -4.38
BETHPAGE_CC_5 323564	27.65 0.62 -20.90	23.79 1.13 -10.82	22.51 1.36 -5.86	22.31 1.62 -1.85	23.60 1.53 -3.84	25.26 1.92 -2.90	31.48 1.62 -6.76	35.03 1.35 -11.15	33.50 1.13 -9.66	32.24 1.53 -8.23	31.90 1.26 -8.93	32.22 1.08 -10.39	34.02 1.06 -11.75	40.20 1.16 -16.71	44.80 1.21 -21.48	45.38 1.12 -22.26	52.30 1.39 -28.49	62.87 1.37 -38.65	62.64 1.26 -38.41	59.40 1.08 -35.43	54.47 1.28 -31.13	37.37 1.58 -14.50	33.98 0.82 -16.49	28.30 1.21 -5.83
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.89 -0.07 -11.83	17.23 -0.11 -5.48	16.38 0.03 -1.07	19.24 0.06 -0.34	18.87 -0.05 -0.70	21.02 0.06 -0.53	27.35 -0.14 -4.38	25.83 -0.25 -3.54	27.18 -0.16 -4.63	24.99 -0.13 -2.64	23.50 -0.30 -2.08	23.00 -0.39 -2.64	23.95 -0.25 -3.00	25.18 -0.22 -3.07	25.45 -0.60 -3.95	26.15 -0.64 -4.79	27.91 -0.60 -6.09	41.53 -0.98 -19.66	42.53 -0.99 -20.55	41.64 -0.92 -19.66	35.93 -0.44 -14.31	26.99 -0.51 -6.21	23.49 -0.20 -7.01	25.49 -0.15 -4.38
BINGHAMTON___COGEN 23790	19.70 0.12 -13.45	18.53 0.24 -6.44	17.55 0.34 -1.93	19.89 0.43 -0.61	19.85 0.36 -1.27	21.90 0.51 -0.96	28.49 0.58 -4.80	27.98 0.54 -4.91	28.82 0.54 -5.57	26.66 0.54 -3.64	25.94 0.48 -3.75	25.88 0.37 -4.75	27.05 0.45 -5.40	28.39 0.54 -5.52	29.64 0.44 -7.09	31.03 0.42 -8.61	33.22 0.49 -10.30	47.17 0.36 -23.96	47.93 0.41 -24.55	46.47 0.39 -23.19	40.08 0.46 -17.55	29.53 0.43 -7.81	25.90 0.38 -8.84	26.43 0.51 -4.66
BLACK RIVER___HYD 24047	14.05 -0.02 -7.94	15.39 -0.04 -3.58	15.54 -0.09 -0.35	18.75 -0.21 -0.11	18.25 -0.20 -0.23	20.44 -0.16 -0.17	26.14 0.00 -3.03	24.39 -0.04 -1.91	25.47 -0.18 -2.94	23.76 -0.20 -1.48	22.06 -0.33 -0.67	21.26 -0.33 -0.84	21.82 -0.34 -0.96	22.96 -0.36 -0.98	23.10 -0.26 -1.26	23.30 -0.22 -1.53	24.58 -0.13 -2.30	49.62 -0.07 -26.85	51.24 -0.02 -28.29	50.12 -0.02 -27.25	39.20 0.07 -17.07	28.52 0.09 -7.14	24.77 0.05 -8.05	27.54 0.09 -6.19
BLISS_WT_PWR 323608	17.98 -0.12 -11.96	17.23 -0.19 -5.57	16.37 -0.06 -1.14	19.17 -0.04 -0.36	18.86 -0.11 -0.75	21.06 0.06 -0.57	27.41 -0.11 -4.41	26.08 -0.11 -3.66	27.42 0.00 -4.71	25.28 0.07 -2.73	23.83 -0.11 -2.23	23.35 -0.23 -2.82	24.30 -0.11 -3.20	25.54 -0.07 -3.28	25.90 -0.42 -4.21	26.63 -0.48 -5.11	28.44 -0.43 -6.45	42.55 -0.84 -20.55	43.52 -0.74 -21.28	42.47 -0.73 -20.31	36.30 -0.31 -14.54	27.19 -0.43 -6.32	23.62 -0.20 -7.15	25.43 -0.23 -4.40
BLUE_CIRC_CHEM_DRP 24182	29.79 0.15 -23.51	24.49 0.30 -12.34	22.88 0.38 -7.21	21.62 0.51 -2.27	23.42 0.47 -4.73	24.56 0.55 -3.57	31.16 0.60 -7.45	36.33 0.56 -13.24	34.65 0.61 -11.33	32.86 0.63 -9.75	36.18 0.59 -13.88	38.86 0.52 -17.59	41.75 0.57 -19.97	43.38 0.62 -20.42	49.05 0.69 -26.26	54.54 0.66 -31.88	58.52 0.67 -35.42	67.77 0.66 -44.26	67.46 0.64 -43.85	63.78 0.64 -40.24	59.23 0.62 -36.55	39.08 0.62 -17.17	36.66 0.45 -19.54	28.16 0.57 -6.33
BOC_GAS_DRP 24189	29.79 0.15 -23.51	24.49 0.30 -12.34	22.88 0.38 -7.21	21.62 0.51 -2.27	23.42 0.47 -4.73	24.56 0.55 -3.57	31.16 0.60 -7.45	36.33 0.56 -13.24	34.65 0.61 -11.33	32.86 0.63 -9.75	36.18 0.59 -13.88	38.86 0.52 -17.59	41.75 0.57 -19.97	43.38 0.62 -20.42	49.03 0.66 -26.26	54.54 0.66 -31.88	58.33 0.65 -35.26	67.60 0.64 -44.11	67.32 0.62 -43.73	63.63 0.59 -40.14	59.10 0.60 -36.44	38.98 0.58 -17.11	36.58 0.43 -19.48	28.12 0.55 -6.31
BORALEX_4TH_BRANCH 23824	31.16 0.21 -24.83	25.37 0.41 -13.10	23.76 0.63 -7.85	22.16 0.85 -2.47	24.24 0.87 -5.15	25.18 0.86 -3.89	31.82 0.90 -7.81	37.89 0.92 -14.43	35.84 0.95 -12.18	34.06 0.94 -10.63	37.91 0.89 -15.31	40.96 0.81 -19.40	44.10 0.87 -22.03	45.77 0.92 -22.52	52.06 1.00 -28.96	58.12 0.97 -35.16	62.27 1.03 -38.82	70.95 1.00 -47.10	70.22 1.03 -46.21	66.28 1.03 -42.35	61.93 1.02 -38.85	40.52 0.94 -18.29	38.13 0.63 -20.83	28.54 0.72 -6.56
BOWLINE___1 23526	27.29 0.42 -20.74	23.40 0.82 -10.73	22.07 1.01 -5.78	21.93 1.26 -1.82	23.16 1.15 -3.79	24.64 1.35 -2.86	31.33 1.50 -6.72	35.00 1.44 -11.03	34.02 1.52 -9.79	32.21 1.60 -8.13	34.43 1.52 -11.20	36.29 1.35 -14.19	38.76 1.44 -16.12	40.38 1.56 -16.48	44.93 1.64 -21.19	49.28 1.56 -25.73	52.17 1.70 -28.05	62.82 1.67 -38.30	62.63 1.58 -38.08	59.54 1.51 -35.13	54.34 1.48 -30.80	36.98 1.34 -14.34	34.03 1.05 -16.31	28.44 1.38 -5.80
BOWLINE___2 23595	27.29 0.42 -20.75	23.40 0.82 -10.73	22.07 1.01 -5.78	21.93 1.26 -1.82	23.16 1.15 -3.79	24.64 1.35 -2.86	31.33 1.50 -6.72	35.00 1.44 -11.03	34.02 1.52 -9.79	32.21 1.60 -8.13	34.43 1.52 -11.20	36.29 1.35 -14.19	38.76 1.44 -16.12	40.38 1.56 -16.48	44.93 1.64 -21.19	49.31 1.58 -25.73	52.17 1.70 -28.05	62.82 1.67 -38.31	62.66 1.61 -38.08	59.54 1.51 -35.14	54.34 1.48 -30.80	36.98 1.34 -14.34	34.03 1.05 -16.31	28.44 1.38 -5.80
BRANSCOMB___SOLAR 323811	31.90 0.17 -25.60	25.72 0.32 -13.55	23.98 0.46 -8.24	21.98 0.55 -2.59	24.19 0.57 -5.40	25.08 0.57 -4.08	31.87 0.74 -8.02	38.49 0.81 -15.15	36.21 0.82 -12.68	34.38 0.74 -11.16	38.60 0.72 -16.17	41.95 0.71 -20.49	45.22 0.74 -23.27	46.87 0.74 -23.80	53.50 0.79 -30.60	59.99 0.84 -37.15	64.35 0.87 -41.05	72.59 0.91 -48.83	71.69 0.99 -47.74	67.68 1.08 -43.70	63.49 1.08 -40.35	41.30 0.98 -19.02	38.93 0.60 -21.66	28.63 0.66 -6.71
BROOKHAVEN___DRP 24191	27.64 0.61 -20.90	23.76 1.09 -10.82	22.45 1.30 -5.86	22.24 1.55 -1.85	23.53 1.46 -3.84	25.22 1.88 -2.90	31.18 1.32 -6.76	34.83 1.15 -11.15	33.14 0.79 -9.64	32.01 1.30 -8.23	31.19 1.00 -8.48	31.27 0.87 -9.65	33.04 0.93 -10.90	40.13 1.09 -16.70	44.71 1.13 -21.48	44.88 0.99 -21.90	52.28 1.37 -28.49	62.92 1.42 -38.65	62.69 1.31 -38.41	59.42 1.10 -35.43	54.54 1.35 -31.13	37.58 1.79 -14.50	33.89 0.73 -16.49	28.13 1.04 -5.83



BROOKLYN_NAVY_YARD 23515	27.49 0.47 -20.90	23.58 0.91 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.38 1.69 -11.16	34.40 1.82 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.76 1.72 -16.71	45.38 1.79 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.20 1.41 -14.50	34.38 1.22 -16.50	28.64 1.55 -5.83
BROOKLYN___ARMY_DRP 323595	27.54 0.52 -20.90	23.65 0.98 -10.81	22.35 1.21 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
BROOME_2_LFGE 323671	19.70 0.12 -13.45	18.53 0.24 -6.44	17.55 0.34 -1.93	19.89 0.43 -0.61	19.85 0.36 -1.27	21.90 0.51 -0.96	28.49 0.58 -4.80	27.98 0.54 -4.91	28.82 0.54 -5.57	26.66 0.54 -3.64	25.94 0.48 -3.75	25.88 0.37 -4.75	27.05 0.45 -5.40	28.39 0.54 -5.52	29.64 0.44 -7.09	31.03 0.42 -8.61	33.22 0.49 -10.30	47.17 0.36 -23.96	47.93 0.41 -24.55	46.47 0.39 -23.19	40.08 0.46 -17.55	29.53 0.43 -7.81	25.90 0.38 -8.84	26.43 0.51 -4.66
BROOME___LFGE 323600	19.70 0.12 -13.45	18.53 0.24 -6.44	17.55 0.34 -1.93	19.89 0.43 -0.61	19.85 0.36 -1.27	21.90 0.51 -0.96	28.49 0.58 -4.80	27.98 0.54 -4.91	28.82 0.54 -5.57	26.66 0.54 -3.64	25.94 0.48 -3.75	25.88 0.37 -4.75	27.05 0.45 -5.40	28.39 0.54 -5.52	29.64 0.44 -7.09	31.03 0.42 -8.61	33.22 0.49 -10.30	47.17 0.36 -23.96	47.93 0.41 -24.55	46.47 0.39 -23.19	40.08 0.46 -17.55	29.53 0.43 -7.81	25.90 0.38 -8.84	26.43 0.51 -4.66
BURROWS___LYONSDAL 23803	15.18 0.06 -8.99	15.98 0.12 -4.01	15.66 0.14 -0.24	19.13 0.21 -0.08	18.58 0.20 -0.16	20.84 0.29 -0.12	27.02 0.44 -3.47	24.80 0.29 -1.98	26.20 0.23 -3.27	24.15 0.18 -1.49	22.29 0.11 -0.47	21.43 0.08 -0.59	21.96 0.09 -0.67	23.14 0.11 -0.69	23.17 0.18 -0.88	23.25 0.18 -1.07	24.55 0.25 -1.88	47.08 0.25 -23.99	48.57 0.30 -25.30	47.56 0.28 -24.39	37.56 0.33 -15.17	27.96 0.34 -6.33	24.11 0.32 -7.13	27.23 0.40 -5.57
CAITHNESS_CC_1 323624	27.64 0.61 -20.90	23.76 1.09 -10.82	22.45 1.30 -5.86	22.22 1.53 -1.85	23.53 1.46 -3.84	25.22 1.88 -2.90	31.21 1.34 -6.76	34.85 1.17 -11.15	33.16 0.82 -9.64	32.04 1.33 -8.23	31.21 1.02 -8.47	31.29 0.89 -9.64	33.04 0.93 -10.90	40.13 1.09 -16.70	44.71 1.13 -21.48	44.90 1.01 -21.90	52.28 1.37 -28.49	62.89 1.39 -38.65	62.66 1.29 -38.41	59.42 1.10 -35.43	54.52 1.32 -31.13	37.56 1.77 -14.50	33.89 0.73 -16.49	28.13 1.04 -5.83
CALPINE BETH_PAGE_GT4 24209	27.64 0.61 -20.90	23.79 1.13 -10.82	22.51 1.36 -5.86	22.33 1.64 -1.85	23.60 1.53 -3.84	25.26 1.92 -2.90	31.46 1.59 -6.76	35.06 1.37 -11.15	33.54 1.16 -9.67	32.26 1.55 -8.23	32.13 1.28 -9.14	32.63 1.14 -10.74	34.44 1.08 -12.15	40.22 1.18 -16.71	44.83 1.24 -21.48	45.56 1.14 -22.42	52.32 1.41 -28.49	62.89 1.39 -38.65	62.64 1.26 -38.41	59.42 1.10 -35.43	54.50 1.30 -31.13	37.37 1.58 -14.50	34.03 0.87 -16.49	28.32 1.23 -5.83
CALPINE_BETH_PAGE_GT_4 323586	27.64 0.61 -20.90	23.79 1.13 -10.82	22.51 1.36 -5.86	22.33 1.64 -1.85	23.60 1.53 -3.84	25.26 1.92 -2.90	31.46 1.59 -6.76	35.06 1.37 -11.15	33.54 1.16 -9.67	32.26 1.55 -8.23	32.13 1.28 -9.14	32.63 1.14 -10.74	34.44 1.08 -12.15	40.22 1.18 -16.71	44.83 1.24 -21.48	45.56 1.14 -22.42	52.32 1.41 -28.49	62.89 1.39 -38.65	62.64 1.26 -38.41	59.42 1.10 -35.43	54.50 1.30 -31.13	37.37 1.58 -14.50	34.03 0.87 -16.49	28.32 1.23 -5.83
CALPINE_BP_GT1 23823	27.64 0.61 -20.90	23.79 1.13 -10.82	22.51 1.36 -5.86	22.33 1.64 -1.85	23.60 1.53 -3.84	25.26 1.92 -2.90	31.46 1.59 -6.76	35.06 1.37 -11.15	33.54 1.16 -9.67	32.26 1.55 -8.23	32.13 1.28 -9.14	32.63 1.14 -10.74	34.44 1.08 -12.15	40.22 1.18 -16.71	44.83 1.24 -21.48	45.56 1.14 -22.42	52.32 1.41 -28.49	62.89 1.39 -38.65	62.64 1.26 -38.41	59.42 1.10 -35.43	54.50 1.30 -31.13	37.37 1.58 -14.50	34.03 0.87 -16.49	28.32 1.23 -5.83
CALSPAN___DRP 24200	17.87 -0.07 -11.81	17.21 -0.12 -5.47	16.36 0.02 -1.06	19.22 0.04 -0.33	18.85 -0.07 -0.70	20.98 0.02 -0.53	27.30 -0.19 -4.37	25.77 -0.29 -3.53	27.12 -0.20 -4.62	24.93 -0.18 -2.63	23.46 -0.33 -2.07	22.94 -0.44 -2.62	23.88 -0.30 -2.98	25.13 -0.25 -3.04	25.38 -0.64 -3.91	26.07 -0.68 -4.75	27.84 -0.63 -6.05	41.42 -0.98 -19.56	42.39 -1.03 -20.45	41.56 -0.92 -19.58	35.88 -0.46 -14.28	26.97 -0.51 -6.19	23.45 -0.22 -7.00	25.46 -0.17 -4.38
CALVERTON___SOLAR 323806	27.65 0.63 -20.90	23.78 1.11 -10.82	22.46 1.31 -5.86	22.25 1.56 -1.85	23.56 1.49 -3.84	25.26 1.92 -2.90	31.21 1.34 -6.76	34.85 1.17 -11.15	33.14 0.79 -9.64	32.04 1.33 -8.23	31.23 1.04 -8.48	31.29 0.89 -9.65	33.06 0.96 -10.90	40.16 1.12 -16.70	44.76 1.17 -21.48	44.93 1.03 -21.90	52.32 1.41 -28.49	62.96 1.46 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.61 1.41 -31.13	37.63 1.83 -14.50	33.93 0.77 -16.49	28.15 1.06 -5.83
CANDIGU_WT_PWR 323617	18.55 0.04 -12.37	17.75 0.09 -5.81	16.87 0.23 -1.36	19.59 0.32 -0.43	19.35 0.24 -0.89	21.51 0.41 -0.67	28.02 0.39 -4.52	26.87 0.34 -4.00	28.02 0.36 -4.95	25.84 0.38 -2.98	24.62 0.26 -2.65	24.25 0.15 -3.35	25.29 0.27 -3.81	26.56 0.34 -3.89	27.20 0.09 -5.01	28.14 0.07 -6.08	30.09 0.16 -7.51	39.40 -0.11 -16.67	40.59 -0.05 -17.66	40.07 0.00 -17.18	37.72 0.22 -15.43	28.20 0.15 -6.76	24.53 0.22 -7.65	26.08 0.34 -4.48
CARR STREET_E_SYR 24060	17.02 0.06 -10.84	16.87 0.11 -4.91	16.02 0.15 -0.58	19.24 0.21 -0.18	18.77 0.16 -0.38	20.99 0.26 -0.29	27.59 0.37 -4.11	25.58 0.32 -2.73	27.06 0.29 -4.06	24.82 0.29 -2.05	23.11 0.28 -1.12	22.39 0.23 -1.41	23.08 0.27 -1.61	24.29 0.31 -1.64	24.46 0.24 -2.11	24.82 0.26 -2.56	26.33 0.29 -3.62	42.75 0.18 -19.72	43.81 0.18 -20.66	42.87 0.18 -19.80	35.24 0.20 -12.98	26.99 0.17 -5.53	23.07 0.17 -6.23	25.83 0.21 -4.36
CARTHAGE___PAPER 23857	13.52 -0.04 -7.43	15.11 -0.08 -3.34	15.44 -0.15 -0.31	18.70 -0.25 -0.10	18.23 -0.20 -0.21	20.40 -0.18 -0.16	25.93 -0.02 -2.84	24.19 -0.11 -1.77	25.23 -0.23 -2.75	23.63 -0.25 -1.39	21.97 -0.35 -0.60	21.18 -0.33 -0.76	21.71 -0.36 -0.87	22.82 -0.40 -0.89	22.94 -0.31 -1.14	23.14 -0.24 -1.38	24.34 -0.18 -2.10	50.95 -0.11 -28.22	52.66 -0.07 -29.76	51.53 -0.05 -28.68	39.97 0.02 -17.88	28.80 0.04 -7.47	25.11 0.03 -8.41	27.86 0.06 -6.54
CASSADAGA_WT_PWR 323784	18.19 0.11 -11.95	17.66 0.25 -5.56	16.92 0.50 -1.14	19.77 0.56 -0.36	19.46 0.49 -0.74	21.67 0.67 -0.56	28.16 0.65 -4.41	26.94 0.77 -3.64	28.36 0.95 -4.70	26.19 0.99 -2.71	24.68 0.76 -2.21	24.11 0.56 -2.80	25.10 0.72 -3.18	26.39 0.80 -3.25	26.73 0.44 -4.18	27.40 0.33 -5.07	29.23 0.40 -6.41	43.28 0.00 -20.44	44.27 0.09 -21.21	43.24 0.09 -20.25	37.08 0.48 -14.53	27.86 0.26 -6.31	24.13 0.32 -7.14	26.08 0.42 -4.40



CE_DUNWOOD___DRP 24194	27.45 0.44 -20.88	23.51 0.85 -10.81	22.21 1.07 -5.86	22.01 1.32 -1.84	23.26 1.20 -3.84	24.76 1.43 -2.90	31.46 1.59 -6.75	35.21 1.53 -11.14	34.21 1.64 -9.87	32.39 1.69 -8.22	34.69 1.63 -11.34	36.55 1.43 -14.37	39.07 1.55 -16.32	40.67 1.65 -16.69	45.29 1.73 -21.46	49.70 1.65 -26.05	52.63 1.77 -28.44	63.22 1.76 -38.62	63.02 1.68 -38.37	59.87 1.58 -35.40	54.73 1.57 -31.10	37.21 1.43 -14.49	34.25 1.10 -16.48	28.53 1.45 -5.82
CE_MILLWOOD___DRP 24193	27.43 0.43 -20.87	23.48 0.83 -10.80	22.17 1.04 -5.85	21.97 1.28 -1.84	23.22 1.17 -3.83	24.72 1.39 -2.90	31.41 1.55 -6.75	35.15 1.49 -11.13	34.16 1.59 -9.87	32.33 1.64 -8.21	34.61 1.56 -11.33	36.50 1.39 -14.35	38.99 1.48 -16.30	40.61 1.61 -16.67	45.22 1.68 -21.43	49.62 1.73 -26.02	52.56 1.73 -28.41	63.13 1.69 -38.59	62.95 1.63 -38.35	59.80 1.53 -35.37	54.66 1.52 -31.07	37.15 1.38 -14.47	34.20 1.07 -16.46	28.48 1.40 -5.82
CE_NYC2_DRP 24202	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.29 1.60 -11.16	34.31 1.72 -9.88	32.48 1.78 -8.23	34.77 1.69 -11.36	36.64 1.50 -14.39	39.16 1.61 -16.34	40.74 1.70 -16.71	45.34 1.75 -21.49	49.66 1.58 -26.08	52.63 1.73 -28.49	63.20 1.71 -38.64	62.98 1.61 -38.40	59.80 1.49 -35.42	54.66 1.48 -31.12	37.12 1.32 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
CE_NYC_DRP 24195	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.38 1.69 -11.16	34.40 1.82 -9.88	32.60 1.89 -8.23	34.85 1.78 -11.36	36.70 1.56 -14.39	39.22 1.67 -16.34	40.83 1.79 -16.71	45.45 1.86 -21.48	49.80 1.72 -26.08	52.79 1.88 -28.48	63.37 1.87 -38.65	63.14 1.77 -38.41	59.97 1.65 -35.42	54.82 1.63 -31.13	37.26 1.47 -14.50	34.40 1.23 -16.50	28.68 1.60 -5.83
CHAFFEE___LFGE 323603	17.94 -0.07 -11.87	17.26 -0.11 -5.51	16.41 0.03 -1.10	19.26 0.08 -0.34	18.92 -0.02 -0.72	21.06 0.08 -0.54	27.41 -0.09 -4.39	25.93 -0.18 -3.58	27.30 -0.07 -4.66	25.11 -0.04 -2.67	23.65 -0.20 -2.13	23.15 -0.31 -2.71	24.11 -0.17 -3.07	25.34 -0.13 -3.14	25.64 -0.51 -4.04	26.35 -0.55 -4.91	28.12 -0.51 -6.22	41.92 -0.91 -19.99	42.88 -0.92 -20.83	41.96 -0.85 -19.91	36.07 -0.40 -14.40	27.08 -0.47 -6.25	23.55 -0.18 -7.06	25.50 -0.15 -4.39
CHATEAUG_WT_PWR 323614	4.45 -0.26 1.42	10.76 -0.47 0.62	14.76 -0.52 0.00	18.20 -0.64 0.00	17.84 -0.38 0.00	20.13 -0.31 0.00	22.32 -0.23 0.56	22.20 -0.07 0.26	22.18 -0.02 0.50	22.24 -0.04 0.20	21.72 0.00 0.00	20.79 0.04 0.00	21.23 0.02 0.00	22.31 -0.02 0.00	22.19 0.09 0.00	22.04 0.04 0.00	22.33 0.02 0.11	18.11 0.16 4.89	17.88 0.09 5.18	17.95 0.07 5.01	18.92 -0.11 3.03	19.79 -0.25 1.25	14.93 -0.33 1.41	19.60 -0.49 1.17
CHAT_HIGH_FALL_HYD 323578	4.65 -0.26 1.22	10.86 -0.46 0.54	14.78 -0.50 0.00	18.20 -0.64 0.00	17.86 -0.36 0.00	20.15 -0.29 0.00	22.40 -0.23 0.48	22.24 -0.07 0.23	22.23 -0.05 0.43	22.25 -0.07 0.17	21.69 -0.02 0.00	20.77 0.02 0.00	21.20 0.00 0.00	22.29 -0.04 0.00	22.15 0.04 0.00	22.02 0.02 0.00	22.32 0.00 0.10	17.34 0.14 5.64	17.09 0.09 5.97	17.19 0.07 5.78	18.46 -0.11 3.49	19.60 -0.25 1.44	14.72 -0.33 1.62	19.43 -0.49 1.34
CHAUTAUQUA___LFGE 323629	18.14 0.10 -11.90	17.61 0.22 -5.53	16.87 0.47 -1.11	19.74 0.55 -0.35	19.39 0.44 -0.73	21.60 0.61 -0.55	28.04 0.53 -4.40	26.72 0.58 -3.61	28.13 0.75 -4.68	25.94 0.76 -2.69	24.45 0.56 -2.17	23.89 0.39 -2.74	24.85 0.53 -3.12	26.15 0.62 -3.19	26.45 0.24 -4.10	27.11 0.13 -4.98	28.95 0.22 -6.30	42.71 -0.18 -20.04	43.73 -0.11 -20.87	42.75 -0.09 -19.95	36.83 0.31 -14.46	27.70 0.13 -6.28	24.00 0.23 -7.10	25.99 0.34 -4.39
CH_MIDHUDSON___DRP 24192	27.58 0.39 -21.06	23.53 0.77 -10.91	22.19 0.96 -5.95	21.92 1.21 -1.87	23.20 1.07 -3.90	24.67 1.29 -2.95	31.34 1.43 -6.80	35.20 1.37 -11.29	34.14 1.45 -9.98	32.29 1.48 -8.33	34.67 1.43 -11.52	36.62 1.27 -14.60	39.14 1.36 -16.58	40.76 1.47 -16.95	45.47 1.57 -21.80	49.98 1.52 -26.47	52.98 1.64 -28.92	63.47 1.62 -39.00	63.27 1.56 -38.73	60.08 1.47 -35.71	54.93 1.41 -31.46	37.25 1.30 -14.66	34.35 1.00 -16.68	28.43 1.32 -5.86
CH_MISC_IPPS 23765	27.52 0.44 -20.95	23.55 0.85 -10.85	22.22 1.04 -5.89	22.00 1.30 -1.85	23.22 1.13 -3.86	24.74 1.39 -2.92	31.48 1.59 -6.77	35.24 1.51 -11.20	34.21 1.59 -9.91	32.34 1.60 -8.26	34.67 1.54 -11.41	36.60 1.39 -14.46	39.08 1.46 -16.42	40.77 1.65 -16.79	45.46 1.77 -21.58	49.94 1.74 -26.21	52.86 1.84 -28.60	63.42 1.83 -38.74	63.23 1.77 -38.49	60.09 1.69 -35.50	54.87 1.59 -31.22	37.31 1.47 -14.54	34.37 1.15 -16.55	28.60 1.51 -5.84
CH_RES_BVR_FALLS 23983	-5.27 -0.22 11.18	6.57 -0.39 4.90	14.84 -0.44 0.00	18.41 -0.43 0.00	17.91 -0.31 0.00	20.09 -0.35 0.00	30.10 -0.39 -7.38	25.66 -0.38 -3.51	28.97 -0.36 -6.63	24.82 -0.34 -2.68	21.43 -0.28 0.00	20.50 -0.25 0.00	20.93 -0.28 0.00	22.02 -0.31 0.00	21.82 -0.29 0.00	21.71 -0.29 0.00	23.67 -0.29 -1.54	18.83 -0.46 3.56	18.74 -0.46 3.77	18.77 -0.48 3.64	19.35 -0.51 2.20	19.87 -0.51 0.91	15.27 -0.38 1.02	19.90 -0.51 0.85
CH_RES_NIAGARA 23895	17.44 -0.34 -11.65	16.61 -0.62 -5.37	15.64 -0.61 -0.97	18.38 -0.75 -0.29	18.01 -0.84 -0.63	20.02 -0.88 -0.47	26.15 -1.27 -4.32	24.43 -1.49 -3.39	25.82 -1.41 -4.52	23.59 -1.42 -2.52	22.12 -1.50 -1.90	21.65 -1.51 -2.41	22.55 -1.40 -2.74	23.71 -1.43 -2.80	23.86 -1.86 -3.61	24.52 -1.87 -4.39	26.25 -1.86 -5.69	40.04 -2.22 -19.41	40.86 -2.39 -20.28	40.14 -2.20 -19.44	34.37 -1.63 -13.93	25.75 -1.55 -6.01	22.46 -1.00 -6.79	24.46 -1.13 -4.33
CH_RES_SYRACUSE 23985	17.16 0.09 -10.95	17.00 0.17 -4.98	16.16 0.23 -0.64	19.35 0.30 -0.20	18.90 0.25 -0.42	21.10 0.35 -0.32	27.71 0.46 -4.14	25.83 0.43 -2.87	27.27 0.41 -4.15	25.01 0.38 -2.15	23.36 0.37 -1.28	22.69 0.31 -1.62	23.38 0.34 -1.84	24.62 0.40 -1.88	24.88 0.35 -2.42	25.29 0.35 -2.94	26.84 0.38 -4.04	43.01 0.28 -19.89	43.98 0.30 -20.71	43.02 0.30 -19.82	35.45 0.29 -13.10	27.16 0.28 -5.59	23.23 0.25 -6.31	25.91 0.32 -4.34
CLINTON_WT_PWR 323605	4.45 -0.26 1.42	10.76 -0.47 0.62	14.76 -0.52 0.00	18.20 -0.64 0.00	17.84 -0.38 0.00	20.13 -0.31 0.00	22.32 -0.23 0.56	22.20 -0.07 0.26	22.18 -0.02 0.50	22.24 -0.04 0.20	21.72 0.00 0.00	20.79 0.04 0.00	21.23 0.02 0.00	22.31 -0.02 0.00	22.19 0.09 0.00	22.04 0.04 0.00	22.33 0.02 0.11	18.11 0.16 4.89	17.88 0.09 5.18	17.95 0.07 5.01	18.92 -0.11 3.03	19.79 -0.25 1.25	14.93 -0.33 1.41	19.60 -0.49 1.17
CLINTON___LFGE 323618	4.56 -0.21 1.36	10.86 -0.39 0.60	14.89 -0.40 0.00	18.32 -0.53 0.00	17.99 -0.24 0.00	20.33 -0.10 0.00	22.55 0.16 0.54	22.44 0.16 0.25	22.41 0.18 0.48	22.45 0.16 0.19	21.89 0.17 0.00	20.98 0.23 0.00	21.42 0.21 0.00	22.51 0.18 0.00	22.41 0.31 0.00	22.26 0.26 0.00	22.56 0.25 0.11	18.17 0.41 5.09	17.93 0.35 5.39	18.03 0.34 5.21	19.05 0.13 3.15	19.95 -0.04 1.30	15.03 -0.18 1.46	19.73 -0.32 1.21



COLONIE_LFGE__ 323577	31.48 0.17 -25.19	25.48 0.32 -13.31	23.77 0.46 -8.03	21.97 0.60 -2.53	24.11 0.62 -5.27	25.04 0.63 -3.98	31.71 0.69 -7.91	38.01 0.74 -14.74	35.87 0.77 -12.39	34.08 0.74 -10.86	38.11 0.72 -15.68	41.28 0.66 -19.86	44.46 0.70 -22.56	46.14 0.74 -23.07	52.56 0.79 -29.66	58.82 0.81 -36.01	63.03 0.83 -39.78	71.55 0.82 -47.88	70.75 0.85 -46.93	66.78 0.89 -42.99	62.51 0.88 -39.56	40.74 0.81 -18.64	38.43 0.53 -21.22	28.48 0.59 -6.63
COPENHAGEN_WT_PWR 323753	14.30 -0.02 -8.19	15.51 -0.04 -3.69	15.55 -0.09 -0.36	18.75 -0.21 -0.11	18.26 -0.20 -0.24	20.47 -0.14 -0.18	26.24 0.00 -3.13	24.46 -0.04 -1.97	25.59 -0.16 -3.04	23.83 -0.18 -1.53	22.11 -0.30 -0.70	21.32 -0.31 -0.88	21.89 -0.32 -1.00	23.02 -0.33 -1.02	23.16 -0.26 -1.32	23.40 -0.20 -1.60	24.70 -0.11 -2.39	48.93 -0.09 -26.17	50.50 -0.05 -27.57	49.42 -0.02 -26.55	38.78 0.04 -16.68	28.34 0.06 -6.98	24.57 0.03 -7.87	27.35 0.06 -6.02
CORNELL____ 23752	18.69 0.21 -12.35	18.05 0.40 -5.80	17.19 0.55 -1.36	19.95 0.68 -0.43	19.73 0.62 -0.89	21.92 0.82 -0.67	28.64 1.02 -4.51	27.50 0.97 -4.00	28.56 0.91 -4.95	26.33 0.88 -2.98	25.17 0.80 -2.65	24.83 0.73 -3.35	25.82 0.81 -3.81	27.10 0.87 -3.89	27.93 0.82 -5.01	28.91 0.84 -6.08	30.87 0.94 -7.51	46.35 0.78 -22.73	47.23 0.87 -23.39	45.93 0.87 -22.17	38.49 0.88 -15.55	28.93 0.83 -6.81	25.06 0.68 -7.70	26.64 0.87 -4.51
COXSACKIE____GT 23611	29.37 0.17 -23.07	24.29 0.36 -12.08	22.69 0.43 -6.97	21.49 0.45 -2.19	23.20 0.40 -4.57	24.42 0.53 -3.45	31.16 0.72 -7.34	36.25 0.81 -12.91	34.54 0.73 -11.11	32.56 0.56 -9.51	35.74 0.54 -13.48	38.48 0.64 -17.08	41.22 0.62 -19.40	42.90 0.74 -19.83	48.51 0.91 -25.50	53.97 1.01 -30.96	57.78 1.17 -34.19	67.40 1.23 -43.32	67.21 1.40 -42.84	63.71 1.47 -39.35	58.87 1.28 -35.53	39.17 1.21 -16.66	36.35 0.72 -18.97	28.43 0.93 -6.24
CPV_VALLEY____CC1 323721	25.13 0.31 -18.69	21.98 0.60 -9.52	20.73 0.75 -4.70	21.26 0.94 -1.48	22.16 0.86 -3.08	23.78 1.02 -2.33	30.42 1.13 -6.18	32.91 1.08 -9.30	32.45 1.13 -8.60	30.52 1.17 -6.86	31.92 1.11 -9.10	33.25 0.98 -11.53	35.33 1.04 -13.09	36.86 1.14 -13.38	40.51 1.19 -17.21	44.06 1.17 -20.89	50.46 1.50 -26.54	61.42 1.46 -37.11	61.34 1.42 -36.95	58.36 1.33 -34.14	53.03 1.30 -29.67	36.27 1.19 -13.78	33.29 0.95 -15.67	28.21 1.25 -5.70
CPV_VALLEY____CC2 323722	25.13 0.31 -18.69	21.98 0.60 -9.52	20.73 0.75 -4.70	21.26 0.94 -1.48	22.16 0.86 -3.08	23.78 1.02 -2.33	30.42 1.13 -6.18	32.91 1.08 -9.30	32.45 1.13 -8.60	30.52 1.17 -6.86	31.92 1.11 -9.10	33.25 0.98 -11.53	35.33 1.04 -13.09	36.86 1.14 -13.38	40.51 1.19 -17.21	44.06 1.17 -20.89	50.46 1.50 -26.54	61.42 1.46 -37.11	61.34 1.42 -36.95	58.36 1.33 -34.14	53.03 1.30 -29.67	36.27 1.19 -13.78	33.29 0.95 -15.67	28.21 1.25 -5.70
CRESCENT____HYD 24018	31.48 0.17 -25.19	25.48 0.32 -13.31	23.77 0.46 -8.03	21.97 0.60 -2.53	24.11 0.62 -5.27	25.04 0.63 -3.98	31.71 0.69 -7.91	38.01 0.74 -14.74	35.87 0.77 -12.39	34.08 0.74 -10.86	38.11 0.72 -15.68	41.28 0.66 -19.86	44.46 0.70 -22.56	46.14 0.74 -23.07	52.56 0.79 -29.66	58.82 0.81 -36.01	63.03 0.83 -39.78	71.55 0.82 -47.88	70.75 0.85 -46.93	66.78 0.89 -42.99	62.51 0.88 -39.56	40.74 0.81 -18.64	38.43 0.53 -21.22	28.48 0.59 -6.63
CRICKET____VALLEY_CC1 323756	27.67 0.29 -21.25	23.45 0.58 -11.02	22.09 0.76 -6.04	21.73 0.98 -1.90	23.08 0.89 -3.96	24.45 1.02 -2.99	31.05 1.09 -6.85	35.01 1.04 -11.45	33.92 1.13 -10.08	32.09 1.17 -8.44	34.53 1.11 -11.71	36.56 0.98 -14.84	39.11 1.06 -16.85	40.70 1.14 -17.23	45.47 1.21 -22.15	50.06 1.17 -26.89	53.12 1.25 -29.44	63.50 1.23 -39.42	63.27 1.17 -39.13	60.06 1.10 -36.06	54.99 1.08 -31.85	37.13 0.98 -14.86	34.34 0.77 -16.90	28.13 0.98 -5.89
CRICKET____VALLEY_CC2 323757	27.67 0.29 -21.25	23.45 0.58 -11.02	22.09 0.76 -6.04	21.73 0.98 -1.90	23.08 0.89 -3.96	24.45 1.02 -2.99	31.05 1.09 -6.85	35.01 1.04 -11.45	33.92 1.13 -10.08	32.09 1.17 -8.44	34.53 1.11 -11.71	36.56 0.98 -14.84	39.11 1.06 -16.85	40.70 1.14 -17.23	45.47 1.21 -22.15	50.06 1.17 -26.89	53.12 1.25 -29.44	63.50 1.23 -39.42	63.27 1.17 -39.13	60.06 1.10 -36.06	54.99 1.08 -31.85	37.13 0.98 -14.86	34.34 0.77 -16.90	28.13 0.98 -5.89
CRICKET____VALLEY_CC3 323758	27.67 0.29 -21.25	23.45 0.58 -11.02	22.09 0.76 -6.04	21.73 0.98 -1.90	23.08 0.89 -3.96	24.45 1.02 -2.99	31.05 1.09 -6.85	35.01 1.04 -11.45	33.92 1.13 -10.08	32.09 1.17 -8.44	34.53 1.11 -11.71	36.56 0.98 -14.84	39.11 1.06 -16.85	40.70 1.14 -17.23	45.47 1.21 -22.15	50.06 1.17 -26.89	53.12 1.25 -29.44	63.50 1.23 -39.42	63.27 1.17 -39.13	60.06 1.10 -36.06	54.99 1.08 -31.85	37.13 0.98 -14.86	34.34 0.77 -16.90	28.13 0.98 -5.89
CRUCIBLE_METL_DRP 24180	17.16 0.09 -10.95	17.00 0.17 -4.98	16.16 0.23 -0.64	19.35 0.30 -0.20	18.90 0.25 -0.42	21.10 0.35 -0.32	27.71 0.46 -4.14	25.83 0.43 -2.87	27.27 0.41 -4.15	25.01 0.38 -2.15	23.36 0.37 -1.28	22.69 0.31 -1.62	23.38 0.34 -1.84	24.62 0.40 -1.88	24.88 0.35 -2.42	25.29 0.35 -2.94	26.84 0.38 -4.04	43.01 0.28 -19.89	43.98 0.30 -20.71	43.02 0.30 -19.82	35.45 0.29 -13.10	27.16 0.28 -5.59	23.23 0.25 -6.31	25.91 0.32 -4.34
DAHOWA____HYDRO 323763	31.95 0.15 -25.66	25.73 0.30 -13.58	23.96 0.41 -8.27	21.94 0.49 -2.60	24.15 0.51 -5.42	25.04 0.51 -4.09	31.84 0.69 -8.04	38.51 0.77 -15.22	36.21 0.77 -12.73	34.37 0.67 -11.21	38.64 0.67 -16.25	42.01 0.66 -20.59	45.29 0.70 -23.39	46.92 0.67 -23.91	53.61 0.75 -30.75	60.14 0.81 -37.33	64.53 0.85 -41.25	72.71 0.89 -48.98	71.81 0.99 -47.86	67.81 1.10 -43.81	63.61 1.08 -40.47	41.36 0.98 -19.08	39.00 0.60 -21.73	28.59 0.62 -6.72
DANC____LFGE 323619	15.17 -0.03 -9.07	15.90 -0.05 -4.09	15.61 -0.09 -0.42	18.79 -0.19 -0.13	18.32 -0.18 -0.27	20.50 -0.14 -0.21	26.54 -0.02 -3.46	24.67 -0.07 -2.21	25.94 -0.14 -3.37	24.01 -0.16 -1.69	22.28 -0.24 -0.80	21.52 -0.25 -1.02	22.11 -0.25 -1.16	23.27 -0.25 -1.18	23.41 -0.22 -1.52	23.67 -0.18 -1.85	25.03 -0.11 -2.72	46.53 -0.11 -23.80	47.92 -0.09 -25.04	46.89 -0.09 -24.08	37.33 -0.02 -15.28	27.70 -0.02 -6.43	23.88 -0.03 -7.24	26.66 -0.02 -5.43
DANSKAMMER____1 23586	27.52 0.44 -20.95	23.55 0.85 -10.85	22.22 1.04 -5.89	22.00 1.30 -1.85	23.22 1.13 -3.86	24.74 1.39 -2.92	31.48 1.59 -6.77	35.24 1.51 -11.20	34.21 1.59 -9.91	32.34 1.60 -8.26	34.67 1.54 -11.41	36.60 1.39 -14.46	39.08 1.46 -16.42	40.77 1.65 -16.79	45.46 1.77 -21.58	49.94 1.74 -26.21	52.86 1.84 -28.60	63.42 1.83 -38.74	63.23 1.77 -38.49	60.09 1.69 -35.50	54.87 1.59 -31.22	37.31 1.47 -14.54	34.37 1.15 -16.55	28.60 1.51 -5.84
DANSKAMMER____2 23589	27.52 0.44 -20.95	23.55 0.85 -10.85	22.22 1.04 -5.89	22.00 1.30 -1.85	23.22 1.13 -3.86	24.74 1.39 -2.92	31.48 1.59 -6.77	35.24 1.51 -11.20	34.21 1.59 -9.91	32.34 1.60 -8.26	34.67 1.54 -11.41	36.60 1.39 -14.46	39.08 1.46 -16.42	40.77 1.65 -16.79	45.46 1.77 -21.58	49.94 1.74 -26.21	52.86 1.84 -28.60	63.42 1.83 -38.74	63.23 1.77 -38.49	60.09 1.69 -35.50	54.87 1.59 -31.22	37.31 1.47 -14.54	34.37 1.15 -16.55	28.60 1.51 -5.84



DANSKAMMER___3 23590	27.52 0.44 -20.95	23.55 0.85 -10.85	22.22 1.04 -5.89	22.00 1.30 -1.85	23.22 1.13 -3.86	24.74 1.39 -2.92	31.48 1.59 -6.77	35.24 1.51 -11.20	34.21 1.59 -9.91	32.34 1.60 -8.26	34.67 1.54 -11.41	36.60 1.39 -14.46	39.08 1.46 -16.42	40.77 1.65 -16.79	45.46 1.77 -21.58	49.94 1.74 -26.21	52.86 1.84 -28.60	63.42 1.83 -38.74	63.23 1.77 -38.49	60.09 1.69 -35.50	54.87 1.59 -31.22	37.31 1.47 -14.54	34.37 1.15 -16.55	28.60 1.51 -5.84
DANSKAMMER___4 23591	27.52 0.44 -20.95	23.55 0.85 -10.85	22.22 1.04 -5.89	22.00 1.30 -1.85	23.22 1.13 -3.86	24.74 1.39 -2.92	31.48 1.59 -6.77	35.24 1.51 -11.20	34.21 1.59 -9.91	32.34 1.60 -8.26	34.67 1.54 -11.41	36.60 1.39 -14.46	39.08 1.46 -16.42	40.77 1.65 -16.79	45.46 1.77 -21.58	49.94 1.74 -26.21	52.86 1.84 -28.60	63.42 1.83 -38.74	63.23 1.77 -38.49	60.09 1.69 -35.50	54.87 1.59 -31.22	37.31 1.47 -14.54	34.37 1.15 -16.55	28.60 1.51 -5.84
DANSKAMMER___DIESEL 23592	27.52 0.44 -20.95	23.55 0.85 -10.85	22.22 1.04 -5.89	22.00 1.30 -1.85	23.22 1.13 -3.86	24.74 1.39 -2.92	31.48 1.59 -6.77	35.24 1.51 -11.20	34.21 1.59 -9.91	32.34 1.60 -8.26	34.67 1.54 -11.41	36.60 1.39 -14.46	39.08 1.46 -16.42	40.77 1.65 -16.79	45.46 1.77 -21.58	49.94 1.74 -26.21	52.86 1.84 -28.60	63.42 1.83 -38.74	63.23 1.77 -38.49	60.09 1.69 -35.50	54.87 1.59 -31.22	37.31 1.47 -14.54	34.37 1.15 -16.55	28.60 1.51 -5.84
DARBY___SOLAR 323810	31.90 0.17 -25.60	25.72 0.32 -13.55	23.98 0.46 -8.24	21.98 0.55 -2.59	24.19 0.57 -5.40	25.08 0.57 -4.08	31.87 0.74 -8.02	38.50 0.81 -15.15	36.21 0.82 -12.69	34.39 0.74 -11.16	38.61 0.72 -16.18	41.96 0.71 -20.50	45.23 0.74 -23.28	46.87 0.74 -23.80	53.51 0.79 -30.61	60.02 0.86 -37.16	64.38 0.90 -41.06	72.60 0.91 -48.84	71.72 1.01 -47.74	67.70 1.10 -43.71	63.52 1.10 -40.35	41.32 1.00 -19.03	38.96 0.62 -21.67	28.63 0.66 -6.71
DASHVILLE___HYD 23610	27.82 0.31 -21.38	23.57 0.63 -11.09	22.13 0.73 -6.11	21.73 0.96 -1.92	23.01 0.78 -4.00	24.46 1.00 -3.03	31.13 1.13 -6.89	35.09 1.01 -11.54	33.97 1.11 -10.15	32.16 1.17 -8.51	34.66 1.13 -11.82	36.69 0.96 -14.98	39.23 1.02 -17.01	40.91 1.18 -17.39	45.77 1.30 -22.36	50.38 1.23 -27.15	53.65 1.30 -29.93	63.95 1.28 -39.83	63.69 1.19 -39.53	60.41 1.10 -36.42	55.35 1.04 -32.24	37.28 0.94 -15.05	34.58 0.78 -17.12	28.25 1.06 -5.93
DELAWARE___LFGE 323621	20.97 0.24 -14.60	19.44 0.47 -7.11	18.42 0.60 -2.54	20.42 0.77 -0.80	20.58 0.69 -1.67	22.55 0.86 -1.26	29.23 1.02 -5.10	29.37 0.95 -5.89	29.93 0.98 -6.25	27.81 0.97 -4.36	27.55 0.89 -4.95	27.81 0.79 -6.27	29.17 0.85 -7.12	30.53 0.92 -7.28	32.41 0.95 -9.36	34.28 0.92 -11.36	36.77 1.01 -13.34	50.46 0.96 -26.65	50.99 0.96 -27.05	49.20 0.92 -25.38	42.72 0.95 -19.71	31.11 0.94 -8.88	27.47 0.73 -10.07	27.03 0.96 -4.82
DOGLEVILLE___HYD 23807	16.59 -0.13 -10.59	16.32 -0.20 -4.67	15.17 -0.23 -0.12	18.60 -0.28 -0.04	18.04 -0.26 -0.08	20.25 -0.24 -0.06	27.05 -0.19 -4.13	24.34 -0.32 -2.12	26.15 -0.34 -3.78	23.76 -0.31 -1.59	21.64 -0.30 -0.22	20.73 -0.31 -0.28	21.23 -0.30 -0.32	22.33 -0.33 -0.33	22.24 -0.29 -0.42	22.20 -0.31 -0.52	23.54 -0.29 -1.41	40.44 -0.30 -17.89	41.52 -0.34 -18.89	40.78 -0.34 -18.23	32.98 -0.31 -11.23	25.68 -0.28 -4.67	21.75 -0.17 -5.25	25.19 -0.25 -4.19
DUNKIRK___1 23563	18.13 0.10 -11.90	17.59 0.21 -5.53	16.84 0.44 -1.11	19.72 0.53 -0.35	19.37 0.42 -0.73	21.58 0.59 -0.55	27.99 0.49 -4.40	26.68 0.54 -3.61	28.09 0.70 -4.68	25.89 0.72 -2.69	24.38 0.50 -2.16	23.82 0.33 -2.74	24.80 0.49 -3.11	26.07 0.56 -3.18	26.39 0.20 -4.09	27.05 0.09 -4.97	28.87 0.16 -6.29	42.62 -0.23 -20.01	43.65 -0.16 -20.84	42.68 -0.14 -19.92	36.78 0.27 -14.45	27.68 0.11 -6.28	23.98 0.22 -7.09	25.97 0.32 -4.39
DUNKIRK___2 23564	18.13 0.10 -11.90	17.59 0.21 -5.53	16.84 0.44 -1.11	19.72 0.53 -0.35	19.37 0.42 -0.73	21.58 0.59 -0.55	27.99 0.49 -4.40	26.68 0.54 -3.61	28.09 0.70 -4.68	25.89 0.72 -2.69	24.38 0.50 -2.16	23.82 0.33 -2.74	24.80 0.49 -3.11	26.07 0.56 -3.18	26.39 0.20 -4.09	27.05 0.09 -4.97	28.87 0.16 -6.29	42.62 -0.23 -20.01	43.65 -0.16 -20.84	42.68 -0.14 -19.92	36.78 0.27 -14.45	27.68 0.11 -6.28	23.98 0.22 -7.09	25.97 0.32 -4.39
DUNKIRK___3 23565	18.08 0.05 -11.90	17.50 0.12 -5.53	16.71 0.32 -1.11	19.57 0.38 -0.35	19.22 0.27 -0.73	21.41 0.43 -0.55	27.81 0.30 -4.40	26.45 0.32 -3.60	27.81 0.43 -4.68	25.64 0.47 -2.69	24.14 0.26 -2.16	23.62 0.13 -2.74	24.59 0.27 -3.11	25.85 0.34 -3.18	26.17 -0.02 -4.09	26.83 -0.13 -4.96	28.67 -0.04 -6.29	42.30 -0.43 -19.89	43.31 -0.39 -20.73	42.38 -0.34 -19.83	36.58 0.07 -14.45	27.49 -0.08 -6.28	23.85 0.08 -7.10	25.82 0.17 -4.39
DUNKIRK___4 23566	18.08 0.05 -11.90	17.50 0.12 -5.53	16.71 0.32 -1.11	19.57 0.38 -0.35	19.22 0.27 -0.73	21.41 0.43 -0.55	27.81 0.30 -4.40	26.45 0.32 -3.60	27.81 0.43 -4.68	25.64 0.47 -2.69	24.14 0.26 -2.16	23.62 0.13 -2.74	24.59 0.27 -3.11	25.85 0.34 -3.18	26.17 -0.02 -4.09	26.83 -0.13 -4.96	28.67 -0.04 -6.29	42.30 -0.43 -19.89	43.31 -0.39 -20.73	42.38 -0.34 -19.83	36.58 0.07 -14.45	27.49 -0.08 -6.28	23.85 0.08 -7.10	25.82 0.17 -4.39
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.48 0.45 -20.90	23.54 0.88 -10.81	22.23 1.09 -5.86	22.03 1.34 -1.84	23.29 1.22 -3.84	24.79 1.45 -2.90	31.51 1.64 -6.76	35.26 1.58 -11.16	34.27 1.68 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.64 1.50 -14.39	39.14 1.59 -16.34	40.74 1.70 -16.71	45.36 1.77 -21.49	49.75 1.67 -26.09	52.72 1.82 -28.49	63.30 1.80 -38.65	63.10 1.72 -38.41	59.95 1.63 -35.42	54.80 1.61 -31.13	37.24 1.45 -14.50	34.30 1.13 -16.50	28.55 1.47 -5.83
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.38 0.42 -20.84	23.45 0.82 -10.78	22.11 0.99 -5.83	21.94 1.26 -1.83	23.14 1.09 -3.82	24.67 1.35 -2.89	31.38 1.52 -6.74	35.08 1.44 -11.10	34.07 1.52 -9.84	32.22 1.55 -8.19	34.48 1.48 -11.29	36.39 1.33 -14.30	38.85 1.40 -16.24	40.51 1.56 -16.61	45.12 1.66 -21.36	49.55 1.63 -25.93	52.30 1.70 -28.18	62.95 1.69 -38.41	62.78 1.63 -38.18	59.65 1.53 -35.22	54.44 1.48 -30.90	37.05 1.36 -14.39	34.11 1.07 -16.37	28.47 1.40 -5.81
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.54 0.51 -20.91	23.67 1.00 -10.82	22.39 1.24 -5.87	22.24 1.55 -1.85	23.48 1.40 -3.85	24.89 1.55 -2.90	31.67 1.80 -6.76	35.20 1.51 -11.16	34.19 1.61 -9.87	32.36 1.66 -8.22	34.65 1.58 -11.35	36.50 1.37 -14.38	39.04 1.51 -16.33	40.60 1.56 -16.70	45.22 1.64 -21.48	49.55 1.47 -26.08	52.51 1.62 -28.48	63.09 1.60 -38.64	62.88 1.52 -38.40	59.73 1.42 -35.42	54.55 1.37 -31.12	37.00 1.21 -14.49	34.42 1.25 -16.50	28.79 1.70 -5.84
EAST HAMPTON___GT 23717	27.85 0.82 -20.90	24.15 1.48 -10.82	22.95 1.80 -5.86	22.80 2.11 -1.85	24.07 2.00 -3.84	25.87 2.53 -2.90	31.88 2.01 -6.76	35.60 1.91 -11.15	33.87 1.52 -9.64	32.75 2.05 -8.23	31.97 1.78 -8.48	31.98 1.58 -9.65	33.76 1.65 -10.91	40.92 1.88 -16.70	45.53 1.95 -21.48	45.70 1.80 -21.90	53.15 2.24 -28.49	63.88 2.38 -38.65	63.68 2.30 -38.41	60.38 2.06 -35.43	55.51 2.32 -31.13	38.48 2.68 -14.50	34.51 1.35 -16.49	28.83 1.74 -5.83



EAST RIVER___6 23660	27.52 0.50 -20.90	23.64 0.97 -10.81	22.32 1.18 -5.86	22.16 1.47 -1.84	23.40 1.33 -3.84	24.91 1.57 -2.90	31.72 1.85 -6.76	35.47 1.78 -11.16	34.52 1.93 -9.88	32.69 1.98 -8.23	34.96 1.89 -11.36	36.80 1.66 -14.39	39.35 1.80 -16.34	40.94 1.90 -16.71	45.56 1.97 -21.48	49.91 1.82 -26.08	52.90 1.99 -28.48	63.51 2.01 -38.65	63.26 1.88 -38.41	60.08 1.76 -35.42	54.91 1.72 -31.13	37.31 1.51 -14.50	34.45 1.28 -16.50	28.72 1.64 -5.83
EAST RIVER___7 23524	27.52 0.50 -20.90	23.64 0.97 -10.81	22.32 1.18 -5.86	22.16 1.47 -1.84	23.40 1.33 -3.84	24.91 1.57 -2.90	31.72 1.85 -6.76	35.47 1.78 -11.16	34.52 1.93 -9.88	32.69 1.98 -8.23	34.96 1.89 -11.36	36.80 1.66 -14.39	39.35 1.80 -16.34	40.94 1.90 -16.71	45.56 1.97 -21.48	49.91 1.82 -26.08	52.90 1.99 -28.48	63.51 2.01 -38.65	63.26 1.88 -38.41	60.08 1.76 -35.42	54.91 1.72 -31.13	37.31 1.51 -14.50	34.45 1.28 -16.50	28.72 1.64 -5.83
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.45 0.44 -20.88	23.51 0.85 -10.81	22.21 1.07 -5.86	22.01 1.32 -1.84	23.26 1.20 -3.84	24.76 1.43 -2.90	31.46 1.59 -6.75	35.21 1.53 -11.14	34.21 1.64 -9.87	32.39 1.69 -8.22	34.69 1.63 -11.34	36.55 1.43 -14.37	39.07 1.55 -16.32	40.67 1.65 -16.69	45.29 1.73 -21.46	49.70 1.65 -26.05	52.63 1.77 -28.44	63.22 1.76 -38.62	63.02 1.68 -38.37	59.87 1.58 -35.40	54.73 1.57 -31.10	37.21 1.43 -14.49	34.25 1.10 -16.48	28.53 1.45 -5.82
EAST_HAMPTON___DIESEL 23722	27.85 0.82 -20.90	24.15 1.48 -10.82	22.95 1.80 -5.86	22.80 2.11 -1.85	24.09 2.02 -3.84	25.87 2.53 -2.90	31.88 2.01 -6.76	35.62 1.94 -11.15	33.87 1.52 -9.64	32.78 2.07 -8.23	31.97 1.78 -8.48	31.98 1.58 -9.65	33.76 1.65 -10.91	40.94 1.90 -16.70	45.53 1.95 -21.48	45.70 1.80 -21.90	53.17 2.26 -28.49	63.88 2.38 -38.65	63.68 2.30 -38.41	60.41 2.08 -35.43	55.51 2.32 -31.13	38.50 2.70 -14.50	34.51 1.35 -16.49	28.83 1.74 -5.83
EAST_PULASKI___ESR 323781	16.06 -0.02 -9.95	16.31 -0.04 -4.49	15.71 -0.05 -0.47	18.90 -0.09 -0.15	18.41 -0.13 -0.31	20.61 -0.06 -0.23	26.90 0.00 -3.79	24.97 0.00 -2.44	26.37 -0.05 -3.70	24.26 -0.07 -1.84	22.52 -0.11 -0.91	21.76 -0.14 -1.15	22.38 -0.13 -1.31	23.56 -0.11 -1.34	23.71 -0.11 -1.72	23.99 -0.09 -2.08	25.40 -0.07 -3.04	44.14 -0.11 -21.40	45.35 -0.09 -22.47	44.39 -0.09 -21.58	35.87 -0.07 -13.87	27.09 -0.06 -5.86	23.23 -0.05 -6.61	26.04 -0.04 -4.82
EAST_RIVER___1 323558	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.38 1.69 -11.16	34.40 1.82 -9.88	32.60 1.89 -8.23	34.85 1.78 -11.36	36.70 1.56 -14.39	39.22 1.79 -16.34	40.83 1.86 -16.71	45.45 1.86 -21.48	49.80 1.72 -26.08	52.79 1.88 -28.48	63.37 1.87 -38.65	63.14 1.77 -38.41	59.97 1.65 -35.42	54.82 1.63 -31.13	37.26 1.47 -14.50	34.40 1.23 -16.50	28.68 1.60 -5.83
EAST_RIVER___2 323559	27.52 0.50 -20.90	23.64 0.97 -10.81	22.32 1.18 -5.86	22.16 1.47 -1.84	23.40 1.33 -3.84	24.91 1.57 -2.90	31.72 1.85 -6.76	35.47 1.78 -11.16	34.52 1.93 -9.88	32.69 1.98 -8.23	34.96 1.89 -11.36	36.80 1.66 -14.39	39.35 1.80 -16.34	40.94 1.90 -16.71	45.56 1.97 -21.48	49.91 1.82 -26.08	52.90 1.99 -28.48	63.51 2.01 -38.65	63.26 1.88 -38.41	60.08 1.76 -35.42	54.91 1.72 -31.13	37.31 1.51 -14.50	34.45 1.28 -16.50	28.72 1.64 -5.83
EAST___DELAWARE_HYD 23607	26.71 0.42 -20.16	23.10 0.86 -10.38	21.76 1.01 -5.47	21.77 1.21 -1.72	22.77 0.97 -3.59	24.41 1.27 -2.71	31.16 1.48 -6.57	34.50 1.44 -10.53	33.63 1.48 -9.45	31.71 1.46 -7.77	33.70 1.39 -10.59	35.46 1.29 -13.42	37.19 0.74 -15.24	38.77 0.85 -15.58	43.09 0.95 -20.04	47.27 0.95 -24.33	50.96 1.14 -27.40	61.77 1.12 -37.80	61.66 1.08 -37.61	58.60 0.98 -34.72	53.80 1.41 -30.33	36.68 1.28 -14.10	33.75 1.03 -16.04	28.40 1.38 -5.76
EIGHT_POINT___WT_PWR 323820	18.46 0.12 -12.21	17.81 0.25 -5.71	16.99 0.43 -1.28	19.83 0.58 -0.40	19.53 0.47 -0.84	21.80 0.73 -0.63	28.40 0.81 -4.48	27.10 0.70 -3.87	28.31 0.75 -4.86	26.10 0.74 -2.88	24.79 0.59 -2.49	24.36 0.46 -3.15	25.37 0.59 -3.58	26.66 0.67 -3.66	27.18 0.38 -4.70	28.06 0.35 -5.71	30.01 0.49 -7.10	53.01 0.21 -29.95	53.50 0.32 -30.21	51.35 0.37 -28.09	37.77 0.57 -15.13	28.35 0.45 -6.61	24.63 0.48 -7.48	26.41 0.70 -4.46
ELEC_TRO_TEK 24086	27.60 0.57 -20.90	23.72 1.05 -10.82	22.43 1.28 -5.86	22.22 1.53 -1.85	23.49 1.42 -3.84	25.11 1.78 -2.90	31.44 1.57 -6.76	35.11 1.42 -11.16	33.65 1.25 -9.69	32.28 1.57 -8.23	33.93 1.37 -10.84	35.50 1.20 -13.55	37.81 1.23 -15.38	40.41 1.36 -16.71	44.99 1.39 -21.49	46.06 1.32 -22.75	52.48 1.57 -28.49	63.03 1.53 -38.65	62.80 1.42 -38.41	59.58 1.26 -35.43	54.63 1.43 -31.13	37.41 1.62 -14.50	34.07 0.90 -16.50	28.34 1.25 -5.83
ELLENBURG_WT_PWR 323604	4.45 -0.26 1.42	10.76 -0.47 0.62	14.76 -0.52 0.00	18.20 -0.64 0.00	17.84 -0.38 0.00	20.13 -0.31 0.00	22.32 -0.23 0.56	22.20 -0.07 0.26	22.18 -0.02 0.50	22.24 -0.04 0.20	21.72 0.00 0.00	20.79 0.04 0.00	21.23 0.02 0.00	22.31 -0.02 0.00	22.19 0.09 0.00	22.04 0.04 0.00	22.33 0.02 0.11	18.11 0.16 4.89	17.88 0.09 5.18	17.95 0.07 5.01	18.92 -0.11 3.03	19.79 -0.25 1.25	14.93 -0.33 1.41	19.60 -0.49 1.17
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.82 -0.09 -11.77	17.18 -0.13 -5.45	16.33 0.00 -1.04	19.17 0.00 -0.33	18.80 -0.11 -0.68	20.93 -0.02 -0.52	27.24 -0.23 -4.36	25.67 -0.36 -3.50	27.04 -0.27 -4.60	24.84 -0.25 -2.61	23.33 -0.41 -2.03	22.83 -0.50 -2.58	23.77 -0.36 -2.92	24.99 -0.33 -2.99	25.24 -0.71 -3.85	25.92 -0.75 -4.67	27.66 -0.72 -5.96	41.15 -1.07 -19.38	42.11 -1.13 -20.26	41.31 -1.01 -19.42	35.73 -0.53 -14.20	26.87 -0.57 -6.15	23.37 -0.25 -6.95	25.42 -0.21 -4.37
EMPIRE_CC_1 323656	30.15 0.20 -23.81	24.76 0.39 -12.51	23.19 0.57 -7.34	21.91 0.75 -2.31	23.79 0.75 -4.82	24.85 0.78 -3.64	31.46 0.81 -7.54	36.89 0.81 -13.54	35.12 0.86 -11.55	33.34 0.88 -9.98	36.78 0.82 -14.24	39.54 0.75 -18.04	42.50 0.81 -20.49	44.14 0.85 -20.95	49.97 0.93 -26.94	55.63 0.92 -32.71	59.45 0.96 -36.07	68.70 0.94 -44.92	68.15 0.94 -44.24	64.41 0.92 -40.60	59.87 0.90 -36.90	39.46 0.83 -17.34	36.97 0.57 -19.73	28.33 0.70 -6.37
EMPIRE_CC_2 323658	30.15 0.20 -23.81	24.76 0.39 -12.51	23.19 0.57 -7.34	21.91 0.75 -2.31	23.79 0.75 -4.82	24.85 0.78 -3.64	31.46 0.81 -7.54	36.89 0.81 -13.54	35.12 0.86 -11.55	33.34 0.88 -9.98	36.78 0.82 -14.24	39.54 0.75 -18.04	42.50 0.81 -20.49	44.14 0.85 -20.95	49.97 0.93 -26.94	55.63 0.92 -32.71	59.45 0.96 -36.07	68.70 0.94 -44.92	68.15 0.94 -44.24	64.41 0.92 -40.60	59.87 0.90 -36.90	39.46 0.83 -17.34	36.97 0.57 -19.73	28.33 0.70 -6.37
ERIE_WT_PWR 323693	17.87 -0.07 -11.81	17.22 -0.11 -5.47	16.38 0.03 -1.06	19.23 0.06 -0.33	18.86 -0.05 -0.70	21.00 0.04 -0.53	27.32 -0.16 -4.37	25.79 -0.27 -3.53	27.15 -0.18 -4.62	24.96 -0.16 -2.63	23.48 -0.30 -2.07	22.96 -0.41 -2.62	23.90 -0.28 -2.98	25.13 -0.25 -3.04	25.40 -0.62 -3.91	26.09 -0.66 -4.75	27.87 -0.60 -6.05	41.42 -0.98 -19.56	42.41 -1.01 -20.45	41.56 -0.92 -19.58	35.90 -0.44 -14.28	26.97 -0.51 -6.19	23.47 -0.20 -7.00	25.49 -0.15 -4.38



ETNA_115_KV_TB1_REV_LBMP_C 345029	18.67 0.20 -12.34	18.03 0.39 -5.79	17.15 0.52 -1.35	19.93 0.66 -0.43	19.69 0.58 -0.89	21.88 0.78 -0.67	28.59 0.97 -4.51	27.45 0.92 -3.99	28.51 0.86 -4.94	26.28 0.83 -2.97	25.11 0.76 -2.63	24.77 0.68 -3.34	25.76 0.76 -3.79	27.04 0.83 -3.88	27.86 0.77 -4.98	28.84 0.79 -6.05	30.79 0.90 -7.48	46.22 0.75 -22.62	47.08 0.83 -23.28	45.80 0.82 -22.08	38.43 0.84 -15.53	28.86 0.77 -6.80	25.02 0.65 -7.70	26.59 0.83 -4.51
E_CANADA_CAP_HY 24051	34.84 0.40 -28.31	27.73 0.75 -15.13	25.84 0.93 -9.63	23.08 1.21 -3.03	25.70 1.17 -6.31	26.57 1.37 -4.77	33.61 1.76 -8.74	41.70 1.71 -17.46	38.70 1.70 -14.29	36.91 1.57 -12.85	42.15 1.48 -18.96	46.25 1.47 -24.03	49.99 1.51 -27.29	51.77 1.54 -27.90	59.53 1.55 -35.87	67.20 1.65 -43.56	72.39 1.82 -48.15	79.29 1.90 -54.55	78.05 2.00 -53.08	73.45 2.11 -48.45	69.83 2.14 -45.62	44.89 1.98 -21.61	42.67 1.38 -24.62	30.11 1.64 -7.21
E_CANADA_MHWK_HY 24050	16.59 -0.13 -10.59	16.32 -0.20 -4.67	15.17 -0.23 -0.12	18.60 -0.28 -0.04	18.04 -0.26 -0.08	20.25 -0.24 -0.06	27.05 -0.19 -4.13	24.34 -0.32 -2.12	26.15 -0.34 -3.78	23.76 -0.31 -1.59	21.64 -0.30 -0.22	20.73 -0.31 -0.28	21.23 -0.30 -0.32	22.33 -0.33 -0.33	22.24 -0.29 -0.42	22.20 -0.31 -0.52	23.54 -0.29 -1.41	40.44 -0.30 -17.89	41.52 -0.34 -18.89	40.78 -0.34 -18.23	32.98 -0.31 -11.23	25.68 -0.28 -4.67	21.75 -0.17 -5.25	25.19 -0.25 -4.19
E_FISHKILL___LBMP 23776	27.52 0.38 -21.01	23.47 0.74 -10.88	22.14 0.93 -5.92	21.88 1.17 -1.86	23.16 1.06 -3.88	24.61 1.25 -2.93	31.26 1.36 -6.79	35.08 1.31 -11.25	34.06 1.41 -9.94	32.24 1.46 -8.29	34.57 1.39 -11.47	36.51 1.22 -14.53	39.02 1.32 -16.50	40.62 1.41 -16.87	45.30 1.50 -21.70	49.77 1.43 -26.34	52.74 1.53 -28.79	63.25 1.51 -38.90	63.05 1.45 -38.64	59.87 1.35 -35.63	54.77 1.35 -31.36	37.12 1.21 -14.61	34.26 0.97 -16.63	28.36 1.25 -5.85
FALCON___SEABRD_CC1 323796	4.52 -0.21 1.39	10.85 -0.39 0.61	14.89 -0.40 0.00	18.32 -0.53 0.00	17.97 -0.26 0.00	20.29 -0.14 0.00	22.52 -0.05 0.55	22.43 0.16 0.26	22.40 0.18 0.49	22.45 0.16 0.19	21.89 0.17 0.00	20.98 0.23 0.00	21.42 0.21 0.00	22.51 0.18 0.00	22.39 0.29 0.00	22.24 0.24 0.00	22.53 0.22 0.11	18.23 0.36 4.98	18.01 0.32 5.28	18.09 0.30 5.10	19.09 0.11 3.09	19.96 -0.06 1.27	15.04 -0.20 1.43	19.73 -0.34 1.19
FALCON___SEABRD_CC2 323797	4.52 -0.21 1.39	10.85 -0.39 0.61	14.89 -0.40 0.00	18.32 -0.53 0.00	17.97 -0.26 0.00	20.29 -0.14 0.00	22.52 -0.05 0.55	22.43 0.16 0.26	22.40 0.18 0.49	22.45 0.16 0.19	21.89 0.17 0.00	20.98 0.23 0.00	21.42 0.21 0.00	22.51 0.18 0.00	22.39 0.29 0.00	22.24 0.24 0.00	22.53 0.22 0.11	18.23 0.36 4.98	18.01 0.32 5.28	18.09 0.30 5.10	19.09 0.11 3.09	19.96 -0.06 1.27	15.04 -0.20 1.43	19.73 -0.34 1.19
FAR ROCKAWAY___4 23548	27.66 0.63 -20.90	23.82 1.15 -10.82	22.55 1.41 -5.86	22.42 1.73 -1.85	23.69 1.62 -3.84	25.36 2.02 -2.90	31.69 1.83 -6.76	35.26 1.58 -11.16	33.79 1.41 -9.68	32.48 1.78 -8.23	34.66 1.54 -11.40	36.61 1.39 -14.46	38.82 1.19 -16.43	40.39 1.34 -16.71	44.81 1.21 -21.49	45.62 1.14 -22.48	52.35 1.44 -28.49	62.89 1.39 -38.65	62.64 1.26 -38.41	59.44 1.12 -35.43	54.52 1.32 -31.13	37.48 1.68 -14.50	34.29 1.12 -16.50	28.62 1.53 -5.83
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.89 1.55 -2.90	31.65 1.78 -6.76	35.38 1.69 -11.16	34.43 1.84 -9.88	32.60 1.89 -8.23	34.85 1.78 -11.36	36.70 1.56 -14.39	39.22 1.67 -16.34	40.83 1.79 -16.71	45.45 1.86 -21.48	49.80 1.72 -26.08	52.79 1.88 -28.49	63.37 1.87 -38.65	63.14 1.77 -38.41	59.97 1.65 -35.42	54.82 1.63 -31.13	37.26 1.47 -14.50	34.40 1.23 -16.50	28.68 1.60 -5.83
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.89 1.55 -2.90	31.65 1.78 -6.76	35.38 1.69 -11.16	34.43 1.84 -9.88	32.60 1.89 -8.23	34.85 1.78 -11.36	36.70 1.56 -14.39	39.22 1.67 -16.34	40.83 1.79 -16.71	45.45 1.86 -21.48	49.80 1.72 -26.08	52.79 1.88 -28.49	63.37 1.87 -38.65	63.14 1.77 -38.41	59.97 1.65 -35.42	54.82 1.63 -31.13	37.26 1.47 -14.50	34.40 1.23 -16.50	28.70 1.61 -5.83
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.12 1.43 -1.84	23.38 1.31 -3.84	24.87 1.53 -2.90	31.62 1.76 -6.76	35.38 1.69 -11.16	34.40 1.82 -9.88	32.57 1.87 -8.23	34.85 1.78 -11.36	36.70 1.56 -14.39	39.22 1.67 -16.34	40.81 1.76 -16.71	45.42 1.83 -21.48	49.80 1.72 -26.08	52.77 1.86 -28.49	63.35 1.85 -38.65	63.12 1.74 -38.41	59.97 1.65 -35.42	54.80 1.61 -31.13	37.24 1.45 -14.50	34.38 1.22 -16.50	28.68 1.60 -5.83
FARRAGUT___LBMP 323566	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.55 1.84 -8.23	34.83 1.76 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.78 1.69 -26.08	52.74 1.84 -28.49	63.35 1.85 -38.65	63.10 1.72 -38.41	59.95 1.63 -35.42	54.80 1.61 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
FENNER___WINDPWR 24204	17.49 0.14 -11.21	17.25 0.27 -5.13	16.39 0.35 -0.75	19.57 0.49 -0.24	19.17 0.46 -0.49	21.38 0.57 -0.37	28.06 0.74 -4.22	26.21 0.65 -3.03	27.59 0.61 -4.28	25.30 0.56 -2.25	23.67 0.50 -1.46	23.02 0.41 -1.85	23.79 0.49 -2.10	25.02 0.54 -2.15	25.40 0.53 -2.76	25.87 0.53 -3.35	27.52 0.61 -4.49	44.26 0.55 -20.87	45.33 0.60 -21.76	44.28 0.57 -20.81	36.54 0.60 -13.88	27.79 0.55 -5.95	23.87 0.48 -6.71	26.39 0.62 -4.52
FIBERTEK___ENERGY 23856	17.16 0.09 -10.95	17.00 0.17 -4.98	16.16 0.23 -0.64	19.35 0.30 -0.20	18.90 0.25 -0.42	21.10 0.35 -0.32	27.71 0.46 -4.14	25.83 0.43 -2.87	27.27 0.41 -4.15	25.01 0.38 -2.15	23.36 0.37 -1.28	22.69 0.31 -1.62	23.38 0.34 -1.84	24.62 0.40 -1.88	24.88 0.35 -2.42	25.29 0.35 -2.94	26.84 0.38 -4.04	43.01 0.28 -19.89	43.98 0.30 -20.71	43.02 0.30 -19.82	35.45 0.29 -13.10	27.16 0.28 -5.59	23.23 0.25 -6.31	25.91 0.32 -4.34
FITZPATRICK___ 23598	16.62 -0.07 -10.55	16.46 -0.13 -4.73	15.52 -0.15 -0.39	18.78 -0.19 -0.12	18.28 -0.20 -0.25	20.44 -0.18 -0.19	26.97 -0.19 -4.05	24.78 -0.20 -2.45	26.39 -0.20 -3.89	24.10 -0.22 -1.84	22.25 -0.22 -0.75	21.48 -0.23 -0.96	22.08 -0.21 -1.09	23.24 -0.20 -1.11	23.29 -0.24 -1.43	23.49 -0.24 -1.73	24.86 -0.27 -2.71	40.96 -0.32 -18.44	42.00 -0.32 -19.35	41.16 -0.32 -18.59	33.67 -0.31 -11.92	26.03 -0.30 -5.03	22.14 -0.20 -5.67	25.16 -0.25 -4.16
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.53 0.44 -20.96	23.58 0.88 -10.85	22.23 1.05 -5.90	22.02 1.32 -1.86	23.24 1.15 -3.87	24.76 1.41 -2.92	31.50 1.62 -6.77	35.29 1.55 -11.21	34.24 1.61 -9.92	32.37 1.62 -8.26	34.70 1.56 -11.42	36.65 1.43 -14.47	39.12 1.48 -16.43	40.82 1.68 -16.80	45.50 1.79 -21.61	50.01 1.78 -26.23	52.95 1.88 -28.64	63.50 1.87 -38.78	63.31 1.81 -38.53	60.14 1.72 -35.53	54.92 1.61 -31.25	37.34 1.49 -14.56	34.40 1.17 -16.56	28.63 1.53 -5.84



FORT ORANGE____ 23900	30.29 0.09 -24.08	24.70 0.18 -12.67	23.01 0.24 -7.49	21.52 0.32 -2.36	23.46 0.33 -4.91	24.51 0.37 -3.71	31.11 0.39 -7.61	36.65 0.38 -13.74	34.80 0.41 -11.69	32.99 0.38 -10.12	36.56 0.37 -14.48	39.45 0.35 -18.34	42.42 0.38 -20.83	44.04 0.40 -21.30	49.98 0.49 -27.39	55.76 0.51 -33.26	59.73 0.56 -36.75	68.83 0.55 -45.44	68.34 0.57 -44.80	64.58 0.59 -41.09	60.09 0.55 -37.47	39.44 0.53 -17.62	37.04 0.32 -20.06	28.21 0.53 -6.42
FORT_DRUM_COGEN 23780	13.96 -0.02 -7.85	15.35 -0.04 -3.53	15.53 -0.09 -0.34	18.74 -0.21 -0.11	18.25 -0.20 -0.22	20.44 -0.16 -0.17	26.10 0.00 -3.00	24.35 -0.07 -1.88	25.43 -0.18 -2.91	23.75 -0.20 -1.47	22.04 -0.33 -0.65	21.27 -0.31 -0.83	21.80 -0.34 -0.94	22.94 -0.36 -0.96	23.08 -0.26 -1.24	23.28 -0.22 -1.50	24.55 -0.13 -2.26	49.88 -0.07 -27.10	51.51 -0.02 -28.57	50.39 -0.02 -27.52	39.35 0.07 -17.22	28.58 0.09 -7.20	24.83 0.05 -8.11	27.60 0.09 -6.26
FPL_FAR_ROCK_GT1 24212	27.66 0.63 -20.90	23.82 1.15 -10.82	22.55 1.41 -5.86	22.42 1.73 -1.85	23.69 1.62 -3.84	25.36 2.02 -2.90	31.69 1.83 -6.76	35.26 1.58 -11.16	33.79 1.41 -9.68	32.48 1.78 -8.23	34.66 1.54 -11.40	36.61 1.39 -14.46	38.82 1.19 -16.43	40.39 1.34 -16.71	44.81 1.21 -21.49	45.62 1.14 -22.48	52.35 1.44 -28.49	62.89 1.39 -38.65	62.64 1.26 -38.41	59.44 1.12 -35.43	54.52 1.32 -31.13	37.48 1.68 -14.50	34.29 1.12 -16.50	28.62 1.53 -5.83
FPL_FAR_ROCK_GT2 23815	27.66 0.63 -20.90	23.82 1.15 -10.82	22.55 1.41 -5.86	22.42 1.73 -1.85	23.69 1.62 -3.84	25.36 2.02 -2.90	31.69 1.83 -6.76	35.26 1.58 -11.16	33.79 1.41 -9.68	32.48 1.78 -8.23	34.66 1.54 -11.40	36.61 1.39 -14.46	38.82 1.19 -16.43	40.39 1.34 -16.71	44.81 1.21 -21.49	45.62 1.14 -22.48	52.35 1.44 -28.49	62.89 1.39 -38.65	62.64 1.26 -38.41	59.44 1.12 -35.43	54.52 1.32 -31.13	37.48 1.68 -14.50	34.29 1.12 -16.50	28.62 1.53 -5.83
FRANKLIN_FALL_HYD 24054	5.16 -0.21 0.75	11.12 -0.40 0.33	14.84 -0.44 0.00	18.28 -0.56 0.00	17.91 -0.31 0.00	20.19 -0.24 0.00	22.63 -0.19 0.30	22.28 -0.11 0.14	22.33 -0.11 0.27	22.23 -0.16 0.10	21.59 -0.13 0.00	20.69 -0.06 0.00	21.12 -0.08 0.00	22.20 -0.13 0.00	22.11 0.00 0.00	21.95 -0.04 0.00	22.30 -0.07 0.05	15.50 0.09 7.44	15.14 0.05 7.88	15.32 0.05 7.62	17.33 -0.13 4.61	19.18 -0.21 1.90	14.25 -0.28 2.14	19.10 -0.38 1.77
FREEPORT_EQUS_GT1 23764	27.65 0.62 -20.90	23.81 1.14 -10.82	22.52 1.38 -5.86	22.35 1.66 -1.85	23.62 1.55 -3.84	25.28 1.94 -2.90	31.55 1.69 -6.76	35.17 1.49 -11.15	33.66 1.27 -9.68	32.37 1.66 -8.23	32.52 1.41 -9.40	33.16 1.25 -11.16	35.10 1.25 -12.64	40.43 1.39 -16.71	44.94 1.35 -21.48	45.87 1.28 -22.60	52.41 1.50 -28.49	62.96 1.46 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.59 1.39 -31.13	37.56 1.77 -14.50	34.13 0.97 -16.49	28.45 1.36 -5.83
FREEPORT____CT2 23818	27.65 0.62 -20.90	23.81 1.14 -10.82	22.52 1.38 -5.86	22.35 1.66 -1.85	23.62 1.55 -3.84	25.28 1.94 -2.90	31.55 1.69 -6.76	35.17 1.49 -11.15	33.66 1.27 -9.68	32.37 1.66 -8.23	32.52 1.41 -9.40	33.16 1.25 -11.16	35.10 1.25 -12.64	40.43 1.39 -16.71	44.94 1.35 -21.48	45.87 1.28 -22.60	52.41 1.50 -28.49	62.96 1.46 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.59 1.39 -31.13	37.56 1.77 -14.50	34.13 0.97 -16.49	28.45 1.36 -5.83
FULTON COGEN____ 23766	16.72 -0.01 -10.60	16.63 -0.01 -4.79	15.80 0.00 -0.51	18.99 -0.02 -0.16	18.50 -0.05 -0.34	20.71 0.02 -0.25	27.21 0.07 -4.03	25.21 0.07 -2.61	26.70 0.05 -3.95	24.46 0.02 -1.96	22.70 0.00 -0.99	21.98 -0.02 -1.25	22.62 0.00 -1.42	23.83 0.04 -1.45	23.97 0.00 -1.87	24.28 0.02 -2.26	25.73 0.02 -3.28	42.43 -0.07 -19.66	43.53 -0.05 -20.60	42.62 -0.05 -19.77	34.88 -0.02 -12.84	26.70 -0.04 -5.45	22.80 -0.02 -6.14	25.64 0.00 -4.38
FULTON____LFGE 323630	34.11 0.48 -27.49	27.39 0.89 -14.65	25.62 1.13 -9.21	23.40 1.66 -2.90	25.90 1.64 -6.04	26.85 1.86 -4.56	34.08 2.45 -8.52	41.29 1.96 -16.80	38.42 1.88 -13.83	36.54 1.69 -12.37	41.51 1.63 -18.16	45.43 1.66 -23.01	48.99 1.65 -26.13	50.71 1.65 -26.72	58.10 1.64 -34.36	65.50 1.78 -41.72	70.60 2.06 -46.12	77.90 2.19 -52.87	76.78 2.34 -51.47	72.43 2.52 -47.02	68.65 2.56 -44.03	44.46 2.34 -20.83	42.36 1.97 -23.73	30.57 2.25 -7.06
G.F.CEMENT____DRP 24184	32.03 0.14 -25.76	25.77 0.27 -13.64	23.98 0.38 -8.32	21.88 0.41 -2.62	24.11 0.44 -5.45	25.00 0.45 -4.12	31.84 0.67 -8.06	38.62 0.77 -15.32	36.28 0.77 -12.80	34.42 0.65 -11.29	38.75 0.65 -16.38	42.19 0.68 -20.75	45.47 0.70 -23.57	47.08 0.65 -24.10	53.82 0.73 -30.99	60.44 0.81 -37.62	64.85 0.85 -41.58	72.98 0.91 -49.22	72.08 1.06 -48.06	68.07 1.19 -43.99	63.92 1.19 -40.66	41.54 1.06 -19.18	39.13 0.62 -21.84	28.61 0.62 -6.74
GARDENVILLE____LBMP 24039	17.86 -0.08 -11.80	17.19 -0.13 -5.47	16.34 0.00 -1.06	19.20 0.02 -0.33	18.83 -0.09 -0.69	20.96 0.00 -0.52	27.30 -0.19 -4.37	25.74 -0.32 -3.52	27.10 -0.23 -4.62	24.91 -0.20 -2.63	23.43 -0.35 -2.06	22.91 -0.46 -2.61	23.86 -0.32 -2.97	25.10 -0.27 -3.04	25.35 -0.66 -3.90	26.03 -0.70 -4.74	27.81 -0.65 -6.04	41.18 -1.00 -19.34	42.14 -1.06 -20.23	41.35 -0.94 -19.39	35.84 -0.49 -14.27	26.95 -0.53 -6.18	23.43 -0.23 -6.99	25.44 -0.19 -4.38
GENERAL____MILLS 23808	17.87 -0.07 -11.81	17.21 -0.12 -5.47	16.36 0.02 -1.06	19.22 0.04 -0.33	18.85 -0.07 -0.70	20.98 0.02 -0.53	27.30 -0.19 -4.37	25.77 -0.29 -3.53	27.12 -0.20 -4.62	24.93 -0.18 -2.63	23.46 -0.33 -2.07	22.94 -0.44 -2.62	23.88 -0.30 -2.98	25.13 -0.25 -3.04	25.38 -0.64 -3.91	26.07 -0.68 -4.75	27.84 -0.63 -6.05	41.42 -0.98 -19.56	42.39 -1.03 -20.45	41.56 -0.92 -19.58	35.88 -0.46 -14.28	26.97 -0.51 -6.19	23.45 -0.22 -7.00	25.46 -0.17 -4.38
GE_PLASTICS____DRP 24183	30.01 0.14 -23.74	24.60 0.27 -12.47	22.97 0.37 -7.32	21.62 0.47 -2.30	23.48 0.46 -4.80	24.59 0.53 -3.63	31.18 0.55 -7.51	36.51 0.54 -13.44	34.75 0.57 -11.47	32.97 0.58 -9.90	36.38 0.54 -14.12	39.14 0.50 -17.89	42.08 0.55 -20.32	43.69 0.58 -20.78	49.47 0.64 -26.72	55.07 0.64 -32.44	58.93 0.65 -35.85	68.13 0.64 -44.64	67.77 0.64 -44.16	64.04 0.62 -40.52	59.53 0.62 -36.85	39.20 0.60 -17.31	36.80 0.42 -19.71	28.15 0.53 -6.36
GILBOA____1 23756	26.41 0.19 -20.09	22.57 0.37 -10.34	21.20 0.47 -5.45	21.16 0.60 -1.71	22.36 0.57 -3.57	23.80 0.67 -2.70	30.39 0.74 -6.54	33.72 0.70 -10.49	32.85 0.73 -9.42	30.98 0.76 -7.73	32.98 0.72 -10.54	34.74 0.62 -13.36	37.06 0.68 -15.17	38.59 0.74 -15.52	42.83 0.77 -19.95	46.97 0.75 -24.22	50.17 0.70 -27.05	60.99 0.66 -37.48	60.93 0.64 -37.32	57.97 0.62 -34.46	52.73 0.62 -30.05	35.94 0.68 -13.97	33.08 0.52 -15.89	27.66 0.68 -5.73
GILBOA____2 23757	26.41 0.19 -20.09	22.57 0.37 -10.34	21.20 0.47 -5.45	21.16 0.60 -1.71	22.36 0.57 -3.57	23.80 0.67 -2.70	30.39 0.74 -6.54	33.72 0.70 -10.49	32.85 0.73 -9.42	30.98 0.76 -7.73	32.98 0.72 -10.54	34.74 0.62 -13.36	37.06 0.68 -15.17	38.59 0.74 -15.52	42.83 0.77 -19.95	46.97 0.75 -24.22	50.17 0.70 -27.05	60.99 0.66 -37.48	60.93 0.64 -37.32	57.97 0.62 -34.46	52.73 0.62 -30.05	35.94 0.68 -13.97	33.08 0.52 -15.89	27.66 0.68 -5.73



GILBOA___3 23758	26.41 0.19 -20.09	22.57 0.37 -10.34	21.20 0.47 -5.45	21.16 0.60 -1.71	22.36 0.57 -3.57	23.80 0.67 -2.70	30.39 0.74 -6.54	33.72 0.70 -10.49	32.85 0.73 -9.42	30.98 0.76 -7.73	32.98 0.72 -10.54	34.74 0.62 -13.36	37.06 0.68 -15.17	38.59 0.74 -15.52	42.83 0.77 -19.95	46.97 0.75 -24.22	50.17 0.70 -27.05	60.99 0.66 -37.48	60.93 0.64 -37.32	57.97 0.62 -34.46	52.73 0.62 -30.05	35.94 0.68 -13.97	33.08 0.52 -15.89	27.66 0.68 -5.73
GILBOA___4 23759	26.41 0.19 -20.09	22.57 0.37 -10.34	21.20 0.47 -5.45	21.16 0.60 -1.71	22.36 0.57 -3.57	23.80 0.67 -2.70	30.39 0.74 -6.54	33.72 0.70 -10.49	32.85 0.73 -9.42	30.98 0.76 -7.73	32.98 0.72 -10.54	34.74 0.62 -13.36	37.06 0.68 -15.17	38.59 0.74 -15.52	42.83 0.77 -19.95	46.97 0.75 -24.22	50.17 0.70 -27.05	60.99 0.66 -37.48	60.93 0.64 -37.32	57.97 0.62 -34.46	52.73 0.62 -30.05	35.94 0.68 -13.97	33.08 0.52 -15.89	27.66 0.68 -5.73
GILBOA___ 23599	26.41 0.19 -20.09	22.57 0.37 -10.34	21.20 0.47 -5.45	21.16 0.60 -1.71	22.36 0.57 -3.57	23.80 0.67 -2.70	30.39 0.74 -6.54	33.72 0.70 -10.49	32.85 0.73 -9.42	30.98 0.76 -7.73	32.98 0.72 -10.54	34.74 0.62 -13.36	37.06 0.68 -15.17	38.59 0.74 -15.52	42.83 0.77 -19.95	46.97 0.75 -24.22	50.17 0.70 -27.05	60.99 0.66 -37.48	60.93 0.64 -37.32	57.97 0.62 -34.46	52.73 0.62 -30.05	35.94 0.68 -13.97	33.08 0.52 -15.89	27.66 0.68 -5.73
GINNA___ 23603	17.43 0.11 -11.19	17.18 0.21 -5.11	16.35 0.34 -0.73	19.49 0.41 -0.23	19.07 0.36 -0.48	21.31 0.51 -0.36	27.94 0.62 -4.21	26.03 0.50 -3.01	27.47 0.50 -4.26	25.20 0.47 -2.25	23.58 0.43 -1.43	22.90 0.33 -1.82	23.69 0.42 -2.06	24.91 0.47 -2.11	25.15 0.33 -2.71	25.64 0.35 -3.29	27.24 0.38 -4.43	43.43 0.25 -20.33	44.30 0.21 -21.13	43.31 0.25 -20.16	35.62 0.29 -13.27	27.22 0.23 -5.69	23.33 0.23 -6.43	25.94 0.38 -4.29
GLEN PARK___ 23778	14.13 -0.01 -8.01	15.45 -0.01 -3.61	15.56 -0.08 -0.35	18.77 -0.19 -0.11	18.27 -0.18 -0.23	20.48 -0.12 -0.17	26.21 0.05 -3.06	24.43 -0.02 -1.92	25.54 -0.14 -2.97	23.80 -0.18 -1.50	22.09 -0.30 -0.67	21.30 -0.31 -0.85	21.83 -0.34 -0.97	22.97 -0.36 -0.99	23.12 -0.26 -1.27	23.35 -0.20 -1.55	24.65 -0.09 -2.32	49.47 -0.05 -26.67	51.09 0.02 -28.10	49.98 0.02 -27.06	39.16 0.13 -16.97	28.52 0.13 -7.10	24.75 0.08 -8.00	27.51 0.11 -6.15
GLENWOOD_IC_1_G5 23712	27.59 0.56 -20.90	23.71 1.04 -10.82	22.43 1.28 -5.86	22.24 1.55 -1.85	23.51 1.44 -3.84	25.09 1.76 -2.90	31.58 1.71 -6.76	35.29 1.60 -11.15	34.01 1.54 -9.76	32.48 1.78 -8.23	33.70 1.63 -10.36	34.95 1.45 -12.75	37.19 1.53 -14.46	40.72 1.68 -16.71	45.32 1.73 -21.49	47.62 1.65 -23.97	52.77 1.86 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.90 1.58 -35.43	54.87 1.68 -31.13	37.50 1.70 -14.50	34.27 1.10 -16.50	28.55 1.47 -5.83
GLENWOOD_IC_2_G1 23688	27.54 0.51 -20.90	23.64 0.97 -10.82	22.34 1.19 -5.86	22.14 1.45 -1.85	23.40 1.33 -3.84	24.95 1.61 -2.90	31.51 1.64 -6.76	35.22 1.53 -11.16	34.11 1.52 -9.88	32.42 1.71 -8.23	34.66 1.58 -11.36	36.56 1.41 -14.39	39.03 1.48 -16.34	40.65 1.61 -16.71	45.25 1.66 -21.49	49.56 1.56 -26.00	52.66 1.75 -28.49	63.24 1.74 -38.65	63.01 1.63 -38.41	59.83 1.51 -35.43	54.76 1.57 -31.13	37.37 1.58 -14.50	34.24 1.07 -16.50	28.51 1.42 -5.83
GLENWOOD_IC_3_G1 23689	27.54 0.51 -20.90	23.64 0.97 -10.82	22.34 1.19 -5.86	22.14 1.45 -1.85	23.40 1.33 -3.84	24.95 1.61 -2.90	31.51 1.64 -6.76	35.22 1.53 -11.16	34.11 1.52 -9.88	32.42 1.71 -8.23	34.66 1.58 -11.36	36.56 1.41 -14.39	39.03 1.48 -16.34	40.65 1.61 -16.71	45.25 1.66 -21.49	49.56 1.56 -26.00	52.66 1.75 -28.49	63.24 1.74 -38.65	63.01 1.63 -38.41	59.83 1.51 -35.43	54.76 1.57 -31.13	37.37 1.58 -14.50	34.24 1.07 -16.50	28.51 1.42 -5.83
GLENWOOD___4 23550	27.59 0.56 -20.90	23.71 1.04 -10.82	22.43 1.28 -5.86	22.24 1.55 -1.85	23.51 1.44 -3.84	25.09 1.76 -2.90	31.58 1.71 -6.76	35.29 1.60 -11.15	34.01 1.54 -9.76	32.48 1.78 -8.23	33.70 1.63 -10.36	34.95 1.45 -12.75	37.19 1.53 -14.46	40.72 1.68 -16.71	45.32 1.73 -21.49	47.62 1.65 -23.97	52.77 1.86 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.90 1.58 -35.43	54.87 1.68 -31.13	37.50 1.70 -14.50	34.27 1.10 -16.50	28.55 1.47 -5.83
GLENWOOD___5 23614	27.59 0.56 -20.90	23.71 1.04 -10.82	22.43 1.28 -5.86	22.24 1.55 -1.85	23.51 1.44 -3.84	25.09 1.76 -2.90	31.58 1.71 -6.76	35.29 1.60 -11.15	34.01 1.54 -9.76	32.48 1.78 -8.23	33.70 1.63 -10.36	34.95 1.45 -12.75	37.19 1.53 -14.46	40.72 1.68 -16.71	45.32 1.73 -21.49	47.62 1.65 -23.97	52.77 1.86 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.90 1.58 -35.43	54.87 1.68 -31.13	37.50 1.70 -14.50	34.27 1.10 -16.50	28.55 1.47 -5.83
GLOBAL GREEN_PORT_GT1 23814	27.83 0.80 -20.90	24.11 1.45 -10.82	22.90 1.76 -5.86	22.76 2.07 -1.85	24.04 1.97 -3.84	25.83 2.49 -2.90	31.83 1.96 -6.76	35.55 1.87 -11.15	33.80 1.45 -9.64	32.71 2.00 -8.23	31.93 1.74 -8.48	31.94 1.54 -9.65	33.72 1.61 -10.91	40.89 1.85 -16.70	45.49 1.90 -21.48	45.65 1.76 -21.90	53.13 2.22 -28.49	63.83 2.33 -38.65	63.65 2.27 -38.41	60.36 2.04 -35.43	55.47 2.27 -31.13	38.44 2.64 -14.50	34.48 1.32 -16.49	28.79 1.70 -5.83
GLOBE___DSASP 323697	17.41 -0.36 -11.65	16.56 -0.66 -5.37	15.58 -0.67 -0.97	18.31 -0.83 -0.29	17.92 -0.93 -0.63	19.92 -0.98 -0.47	26.06 -1.36 -4.32	24.32 -1.60 -3.39	25.68 -1.54 -4.52	23.47 -1.53 -2.52	22.01 -1.61 -1.90	21.55 -1.62 -2.41	22.44 -1.50 -2.74	23.60 -1.54 -2.80	23.75 -1.97 -3.61	24.41 -1.98 -4.39	26.14 -1.97 -5.69	39.93 -2.33 -19.41	40.75 -2.50 -20.28	40.03 -2.31 -19.44	34.25 -1.74 -13.93	25.64 -1.66 -6.01	22.38 -1.08 -6.79	24.36 -1.23 -4.33
GOETHSLN___LBMP 323567	27.49 0.46 -20.90	23.57 0.90 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	24.83 1.49 -2.90	31.55 1.69 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.74 1.70 -16.71	45.34 1.75 -21.48	49.71 1.63 -26.08	52.68 1.77 -28.49	63.26 1.76 -38.65	63.03 1.65 -38.41	59.85 1.53 -35.42	54.71 1.52 -31.13	37.18 1.38 -14.50	34.35 1.18 -16.50	28.62 1.53 -5.83
GOODYEAR_LAKE_HYD 323669	19.52 0.31 -13.09	18.68 0.59 -6.23	17.79 0.75 -1.76	20.36 0.96 -0.55	20.27 0.89 -1.16	22.41 1.10 -0.87	29.15 1.34 -4.70	28.47 1.26 -4.68	29.38 1.27 -5.40	27.21 1.26 -3.47	26.32 1.13 -3.48	26.17 1.02 -4.40	27.29 1.08 -5.00	28.63 1.18 -5.11	29.87 1.19 -6.58	31.19 1.21 -7.98	33.32 1.30 -9.60	47.65 1.26 -23.55	48.29 1.26 -24.06	46.86 1.24 -22.73	40.13 1.30 -16.76	29.98 1.26 -7.43	26.05 0.97 -8.42	27.02 1.23 -4.53
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.68 0.12 -13.43	18.53 0.25 -6.43	17.55 0.35 -1.92	19.92 0.47 -0.60	19.88 0.40 -1.26	21.91 0.53 -0.95	28.51 0.60 -4.80	27.96 0.54 -4.89	28.81 0.54 -5.56	26.67 0.56 -3.63	25.92 0.48 -3.73	25.87 0.39 -4.72	27.03 0.47 -5.36	28.35 0.54 -5.48	29.60 0.44 -7.05	31.00 0.44 -8.56	33.18 0.52 -10.25	47.12 0.36 -23.91	47.88 0.41 -24.50	46.46 0.41 -23.15	40.06 0.48 -17.51	29.51 0.43 -7.79	25.89 0.40 -8.82	26.44 0.53 -4.66



GOUDEY___7 23579	19.69 0.13 -13.43	18.54 0.26 -6.43	17.57 0.37 -1.92	19.92 0.47 -0.60	19.88 0.40 -1.26	21.94 0.55 -0.95	28.53 0.62 -4.80	27.99 0.56 -4.89	28.84 0.57 -5.56	26.70 0.58 -3.63	25.94 0.50 -3.73	25.89 0.41 -4.72	27.06 0.49 -5.36	28.38 0.56 -5.48	29.62 0.46 -7.05	31.02 0.46 -8.56	33.21 0.54 -10.25	47.14 0.39 -23.91	47.90 0.44 -24.50	46.48 0.43 -23.15	40.08 0.51 -17.51	29.53 0.45 -7.79	25.91 0.42 -8.82	26.46 0.55 -4.66
GOUDEY___8 23580	19.68 0.12 -13.43	18.53 0.25 -6.43	17.55 0.35 -1.92	19.92 0.47 -0.60	19.88 0.40 -1.26	21.91 0.53 -0.95	28.51 0.60 -4.80	27.96 0.54 -4.89	28.81 0.54 -5.56	26.67 0.56 -3.63	25.92 0.48 -3.73	25.87 0.39 -4.72	27.03 0.47 -5.36	28.35 0.54 -5.48	29.60 0.44 -7.05	31.00 0.44 -8.56	33.18 0.52 -10.25	47.12 0.36 -23.91	47.88 0.41 -24.50	46.46 0.41 -23.15	40.06 0.48 -17.51	29.51 0.43 -7.79	25.89 0.40 -8.82	26.44 0.53 -4.66
GOWANUS_GT1_1 24077	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT1_2 24078	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT1_3 24079	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT1_4 24080	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT1_5 24084	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.7



GOWANUS_GT2_6 24119	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT2_7 24120	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT2_8 24121	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT3_1 24122	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT3_2 24123	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT3_3 24124	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT3_4 24125	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT3_5 24126	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT3_6 24127	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT3_7 24128	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT3_8 24129	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT4_1 24130	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT4_2 24131	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT4_3 24132	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT4_4 24133	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83



GOWANUS_GT4_5 24134	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT4_6 24135	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT4_7 24136	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GOWANUS_GT4_8 24137	27.54 0.52 -20.90	23.65 0.98 -10.81	22.37 1.22 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GREENIDGE___3 23582	18.35 0.15 -12.07	17.78 0.30 -5.63	16.93 0.44 -1.21	19.83 0.60 -0.38	19.52 0.51 -0.79	21.79 0.76 -0.60	28.45 0.90 -4.44	27.10 0.81 -3.76	28.28 0.79 -4.78	26.03 0.74 -2.80	24.77 0.69 -2.36	24.32 0.58 -2.98	25.27 0.68 -3.39	26.56 0.76 -3.47	27.14 0.57 -4.46	27.96 0.55 -5.41	29.86 0.67 -6.77	48.11 0.46 -24.81	48.87 0.55 -25.35	47.35 0.59 -23.86	37.67 0.66 -14.95	28.39 0.58 -6.52	24.56 0.52 -7.37	26.43 0.72 -4.44
GREENIDGE___4 23583	18.35 0.15 -12.07	17.78 0.30 -5.63	16.93 0.44 -1.21	19.83 0.60 -0.38	19.52 0.51 -0.79	21.79 0.76 -0.60	28.45 0.90 -4.44	27.10 0.81 -3.76	28.28 0.79 -4.78	26.03 0.74 -2.80	24.77 0.69 -2.36	24.32 0.58 -2.98	25.27 0.68 -3.39	26.56 0.76 -3.47	27.14 0.57 -4.46	27.96 0.55 -5.41	29.86 0.67 -6.77	48.11 0.46 -24.81	48.87 0.55 -25.35	47.35 0.59 -23.86	37.67 0.66 -14.95	28.39 0.58 -6.52	24.56 0.52 -7.37	26.43 0.72 -4.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.54 0.52 -20.90	23.65 0.98 -10.81	22.35 1.21 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
GRISSOM___SOLAR 323813	34.11 0.48 -27.49	27.39 0.89 -14.65	25.62 1.13 -9.21	23.40 1.66 -2.90	25.90 1.64 -6.04	26.85 1.86 -4.56	34.08 2.45 -8.52	41.29 1.96 -16.80	38.42 1.88 -13.83	36.54 1.69 -12.37	41.51 1.63 -18.16	45.43 1.66 -23.01	48.99 1.65 -26.13	50.71 1.65 -26.72	58.10 1.64 -34.36	65.50 1.78 -41.72	70.60 2.06 -46.12	77.90 2.19 -52.87	76.78 2.34 -51.47	72.43 2.52 -47.02	68.65 2.56 -44.03	44.46 2.34 -20.83	42.36 1.97 -23.73	30.57 2.25 -7.06
GROVEVILLE___HYD 323602	27.53 0.44 -20.96	23.58 0.88 -10.85	22.23 1.05 -5.90	22.02 1.32 -1.86	23.24 1.15 -3.87	24.76 1.41 -2.92	31.50 1.62 -6.77	35.29 1.55 -11.21	34.24 1.61 -9.92	32.37 1.62 -8.26	34.70 1.56 -11.42	36.65 1.43 -14.47	39.12 1.48 -16.43	40.82 1.68 -16.80	45.50 1.79 -21.61	50.01 1.78 -26.23	52.95 1.88 -28.64	63.50 1.87 -38.78	63.31 1.81 -38.53	60.14 1.72 -35.53	54.92 1.61 -31.25	37.34 1.49 -14.56	34.40 1.17 -16.56	28.63 1.53 -5.84
HAMPSHIRE___PAPER_HYD 323593	9.79 -0.16 -3.82	13.25 -0.33 -1.73	15.02 -0.44 -0.19	18.32 -0.58 -0.06	17.83 -0.51 -0.12	19.97 -0.55 -0.09	24.03 -0.53 -1.45	22.82 -0.65 -0.94	23.40 -0.73 -1.42	22.52 -0.72 -0.76	21.31 -0.76 -0.36	20.50 -0.71 -0.45	20.97 -0.74 -0.51	22.06 -0.80 -0.52	22.09 -0.69 -0.67	22.13 -0.68 -0.82	22.97 -0.65 -1.20	62.58 -0.57 -40.30	65.03 -0.55 -42.61	63.48 -0.55 -41.14	46.75 -0.51 -25.19	31.33 -0.41 -10.44	28.10 -0.32 -11.75	30.46 -0.30 -9.50
HARDSCRABBLE_WT_PWR 323673	16.60 -0.12 -10.59	16.34 -0.19 -4.67	15.20 -0.20 -0.12	18.64 -0.25 -0.04	18.10 -0.20 -0.08	20.33 -0.16 -0.06	27.15 -0.09 -4.13	24.43 -0.23 -2.12	26.26 -0.23 -3.78	23.90 -0.18 -1.59	21.74 -0.20 -0.22	20.83 -0.21 -0.28	21.34 -0.19 -0.32	22.46 -0.20 -0.33	22.35 -0.18 -0.42	22.31 -0.20 -0.52	23.65 -0.18 -1.41	40.55 -0.18 -17.89	41.63 -0.23 -18.89	40.90 -0.23 -18.23	33.09 -0.20 -11.23	25.79 -0.17 -4.67	21.84 -0.08 -5.25	25.30 -0.15 -4.19
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.09 0.42 -20.54	23.29 0.83 -10.61	21.98 1.02 -5.67	21.91 1.28 -1.79	23.07 1.13 -3.72	24.61 1.37 -2.81	31.30 1.52 -6.66	34.85 1.46 -10.86	33.90 1.52 -9.68	32.06 1.57 -8.01	34.20 1.50 -10.99	36.05 1.37 -13.93	38.44 1.42 -15.82	40.09 1.59 -16.17	44.58 1.68 -20.79	48.87 1.63 -25.25	51.78 1.77 -27.59	62.52 1.74 -37.94	62.41 1.70 -37.74	59.33 1.60 -34.83	54.04 1.52 -30.46	36.87 1.41 -14.17	33.91 1.12 -16.12	28.49 1.47 -5.77
HARZA MOOSE___RIVER 24016	15.18 0.06 -8.99	15.98 0.12 -4.01	15.66 0.14 -0.24	19.13 0.21 -0.08	18.58 0.20 -0.16	20.84 0.29 -0.12	27.02 0.44 -3.47	24.80 0.29 -1.98	26.20 0.23 -3.27	24.15 0.18 -1.49	22.29 0.11 -0.47	21.43 0.08 -0.59	21.96 0.09 -0.67	23.14 0.11 -0.69	23.17 0.18 -0.88	23.25 0.18 -1.07	24.55 0.25 -1.88	47.08 0.25 -23.99	48.57 0.30 -25.30	47.56 0.28 -24.39	37.56 0.33 -15.17	27.96 0.34 -6.33	24.11 0.32 -7.13	27.23 0.40 -5.57
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.51 0.48 -20.90	23.62 0.95 -10.82	22.33 1.18 -5.87	22.14 1.45 -1.85	23.38 1.31 -3.85	24.85 1.51 -2.90	31.62 1.76 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.80 1.49 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.70 1.61 -5.83
HEMPSTEAD____ 23647	27.62 0.59 -20.90	23.76 1.09 -10.82	22.48 1.33 -5.86	22.27 1.58 -1.85	23.56 1.49 -3.84	25.18 1.84 -2.90	31.53 1.66 -6.76	35.19 1.51 -11.15	33.78 1.36 -9.71	32.37 1.66 -8.23	32.97 1.46 -9.80	33.89 1.31 -11.83	35.94 1.34 -13.40	40.52 1.47 -16.71	45.09 1.50 -21.48	46.46 1.41 -23.06	52.57 1.66 -28.49	63.12 1.62 -38.65	62.89 1.52 -38.41	59.67 1.35 -35.43	54.70 1.50 -31.13	37.50 1.70 -14.50	34.15 0.98 -16.49	28.45 1.36 -5.83



HICKLING___1 23621	18.98 0.15 -12.70	18.16 0.31 -6.00	17.29 0.47 -1.53	19.91 0.58 -0.48	19.72 0.49 -1.00	21.91 0.71 -0.76	28.48 0.76 -4.60	27.57 0.77 -4.28	28.62 0.77 -5.14	26.43 0.76 -3.18	25.35 0.65 -2.98	25.07 0.54 -3.78	26.15 0.66 -4.29	27.48 0.76 -4.38	28.27 0.53 -5.64	29.37 0.53 -6.84	31.42 0.65 -8.35	45.28 0.39 -22.05	46.22 0.50 -22.74	45.03 0.53 -21.61	38.82 0.66 -16.09	28.95 0.58 -7.08	25.20 0.52 -8.02	26.50 0.70 -4.54
HICKLING___2 23622	18.98 0.15 -12.70	18.16 0.31 -6.00	17.29 0.47 -1.53	19.91 0.58 -0.48	19.72 0.49 -1.00	21.91 0.71 -0.76	28.48 0.76 -4.60	27.57 0.77 -4.28	28.62 0.77 -5.14	26.43 0.76 -3.18	25.35 0.65 -2.98	25.07 0.54 -3.78	26.15 0.66 -4.29	27.48 0.76 -4.38	28.27 0.53 -5.64	29.37 0.53 -6.84	31.42 0.65 -8.35	45.28 0.39 -22.05	46.22 0.50 -22.74	45.03 0.53 -21.61	38.82 0.66 -16.09	28.95 0.58 -7.08	25.20 0.52 -8.02	26.50 0.70 -4.54
HIGH FALLS___HY 23754	27.60 0.45 -21.02	23.63 0.89 -10.88	22.26 1.05 -5.92	22.08 1.37 -1.86	23.27 1.17 -3.88	24.84 1.47 -2.93	31.61 1.71 -6.79	35.26 1.49 -11.24	34.24 1.59 -9.94	32.41 1.64 -8.29	34.72 1.54 -11.46	36.64 1.37 -14.52	39.01 1.32 -16.49	40.74 1.54 -16.86	45.42 1.64 -21.68	49.93 1.60 -26.32	53.33 1.77 -29.14	63.80 1.76 -39.20	63.60 1.70 -38.93	60.36 1.58 -35.89	55.32 1.61 -31.64	37.52 1.47 -14.75	34.74 1.28 -16.79	28.83 1.70 -5.88
HILLBURN___GT 23639	27.18 0.42 -20.64	23.33 0.82 -10.66	22.03 1.02 -5.73	21.95 1.30 -1.80	23.16 1.18 -3.75	24.68 1.41 -2.84	31.35 1.55 -6.69	34.91 1.44 -10.94	33.98 1.54 -9.73	32.17 1.62 -8.06	34.35 1.54 -11.09	36.17 1.37 -14.05	38.62 1.46 -15.96	40.21 1.56 -16.32	44.74 1.66 -20.98	49.05 1.58 -25.47	51.91 1.70 -27.79	62.61 1.67 -38.10	62.46 1.61 -37.89	59.37 1.51 -34.96	54.15 1.48 -30.61	36.88 1.34 -14.24	33.97 1.10 -16.20	28.48 1.45 -5.78
HISHELDN_WT_PWR 323625	18.01 -0.06 -11.94	17.31 -0.10 -5.55	16.44 0.03 -1.13	19.26 0.06 -0.36	18.93 -0.04 -0.74	21.09 0.10 -0.56	27.45 -0.07 -4.41	25.99 -0.18 -3.64	27.31 -0.09 -4.70	25.10 -0.09 -2.71	23.70 -0.22 -2.20	23.23 -0.31 -2.79	24.18 -0.19 -3.16	25.44 -0.13 -3.24	25.76 -0.51 -4.16	26.52 -0.53 -5.05	28.33 -0.47 -6.38	39.94 -0.80 -17.90	40.99 -0.83 -18.85	40.36 -0.73 -18.20	36.27 -0.33 -14.54	27.23 -0.38 -6.32	23.68 -0.13 -7.14	25.60 -0.06 -4.40
HOLTSVILLE_IC_1 23690	27.66 0.63 -20.90	23.81 1.14 -10.82	22.51 1.36 -5.86	22.29 1.60 -1.85	23.58 1.51 -3.84	25.28 1.94 -2.90	31.32 1.46 -6.76	34.99 1.31 -11.15	33.30 0.95 -9.64	32.15 1.44 -8.23	31.32 1.13 -8.47	31.39 1.00 -9.64	33.14 1.04 -10.90	40.24 1.21 -16.70	44.82 1.24 -21.48	44.99 1.10 -21.89	52.37 1.46 -28.49	62.98 1.48 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.61 1.41 -31.13	37.60 1.81 -14.50	33.96 0.80 -16.49	28.21 1.13 -5.83
HOLTSVILLE_IC_10 23699	27.70 0.67 -20.90	23.86 1.20 -10.82	22.60 1.45 -5.86	22.35 1.66 -1.85	23.65 1.58 -3.84	25.36 2.02 -2.90	31.39 1.52 -6.76	35.10 1.42 -11.15	33.44 1.09 -9.64	32.28 1.57 -8.23	31.47 1.26 -8.50	31.55 1.12 -9.68	33.33 1.19 -10.94	40.38 1.34 -16.70	44.98 1.39 -21.48	45.16 1.25 -21.91	52.52 1.62 -28.49	63.17 1.67 -38.65	62.92 1.54 -38.41	59.67 1.35 -35.43	54.78 1.59 -31.13	37.78 1.98 -14.50	34.03 0.87 -16.49	28.30 1.21 -5.83
HOLTSVILLE_IC_2 23691	27.66 0.63 -20.90	23.81 1.14 -10.82	22.51 1.36 -5.86	22.29 1.60 -1.85	23.58 1.51 -3.84	25.28 1.94 -2.90	31.32 1.46 -6.76	34.99 1.31 -11.15	33.30 0.95 -9.64	32.15 1.44 -8.23	31.32 1.13 -8.47	31.39 1.00 -9.64	33.14 1.04 -10.90	40.24 1.21 -16.70	44.82 1.24 -21.48	44.99 1.10 -21.89	52.37 1.46 -28.49	62.98 1.48 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.61 1.41 -31.13	37.60 1.81 -14.50	33.96 0.80 -16.49	28.21 1.13 -5.83
HOLTSVILLE_IC_3 23692	27.66 0.63 -20.90	23.81 1.14 -10.82	22.51 1.36 -5.86	22.29 1.60 -1.85	23.58 1.51 -3.84	25.28 1.94 -2.90	31.32 1.46 -6.76	34.99 1.31 -11.15	33.30 0.95 -9.64	32.15 1.44 -8.23	31.32 1.13 -8.47	31.39 1.00 -9.64	33.14 1.04 -10.90	40.24 1.21 -16.70	44.82 1.24 -21.48	44.99 1.10 -21.89	52.37 1.46 -28.49	62.98 1.48 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.61 1.41 -31.13	37.60 1.81 -14.50	33.96 0.80 -16.49	28.21 1.13 -5.83
HOLTSVILLE_IC_4 23693	27.66 0.63 -20.90	23.81 1.14 -10.82	22.51 1.36 -5.86	22.29 1.60 -1.85	23.58 1.51 -3.84	25.28 1.94 -2.90	31.32 1.46 -6.76	34.99 1.31 -11.15	33.30 0.95 -9.64	32.15 1.44 -8.23	31.32 1.13 -8.47	31.39 1.00 -9.64	33.14 1.04 -10.90	40.24 1.21 -16.70	44.82 1.24 -21.48	44.99 1.10 -21.89	52.37 1.46 -28.49	62.98 1.48 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.61 1.41 -31.13	37.60 1.81 -14.50	33.96 0.80 -16.49	28.21 1.13 -5.83
HOLTSVILLE_IC_5 23694	27.66 0.63 -20.90	23.81 1.14 -10.82	22.51 1.36 -5.86	22.29 1.60 -1.85	23.58 1.51 -3.84	25.28 1.94 -2.90	31.32 1.46 -6.76	34.99 1.31 -11.15	33.30 0.95 -9.64	32.15 1.44 -8.23	31.32 1.13 -8.47	31.39 1.00 -9.64	33.14 1.04 -10.90	40.24 1.21 -16.70	44.82 1.24 -21.48	44.99 1.10 -21.89	52.37 1.46 -28.49	62.98 1.48 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.61 1.41 -31.13	37.60 1.81 -14.50	33.96 0.80 -16.49	28.21 1.13 -5.83
HOLTSVILLE_IC_6 23695	27.70 0.67 -20.90	23.86 1.20 -10.82	22.60 1.45 -5.86	22.35 1.66 -1.85	23.65 1.58 -3.84	25.36 2.02 -2.90	31.39 1.52 -6.76	35.10 1.42 -11.15	33.44 1.09 -9.64	32.28 1.57 -8.23	31.47 1.26 -8.50	31.55 1.12 -9.68	33.33 1.19 -10.94	40.38 1.34 -16.70	44.98 1.39 -21.48	45.16 1.25 -21.91	52.52 1.62 -28.49	63.17 1.67 -38.65	62.92 1.54 -38.41	59.67 1.35 -35.43	54.78 1.59 -31.13	37.78 1.98 -14.50	34.03 0.87 -16.49	28.30 1.21 -5.83
HOLTSVILLE_IC_7 23696	27.70 0.67 -20.90	23.86 1.20 -10.82	22.60 1.45 -5.86	22.35 1.66 -1.85	23.65 1.58 -3.84	25.36 2.02 -2.90	31.39 1.52 -6.76	35.10 1.42 -11.15	33.44 1.09 -9.64	32.28 1.57 -8.23	31.47 1.26 -8.50	31.55 1.12 -9.68	33.33 1.19 -10.94	40.38 1.34 -16.70	44.98 1.39 -21.48	45.16 1.25 -21.91	52.52 1.62 -28.49	63.17 1.67 -38.65	62.92 1.54 -38.41	59.67 1.35 -35.43	54.78 1.59 -31.13	37.78 1.98 -14.50	34.03 0.87 -16.49	28.30 1.21 -5.83
HOLTSVILLE_IC_8 23697	27.70 0.67 -20.90	23.86 1.20 -10.82	22.60 1.45 -5.86	22.35 1.66 -1.85	23.65 1.58 -3.84	25.36 2.02 -2.90	31.39 1.52 -6.76	35.10 1.42 -11.15	33.44 1.09 -9.64	32.28 1.57 -8.23	31.47 1.26 -8.50	31.55 1.12 -9.68	33.33 1.19 -10.94	40.38 1.34 -16.70	44.98 1.39 -21.48	45.16 1.25 -21.91	52.52 1.62 -28.49	63.17 1.67 -38.65	62.92 1.54 -38.41	59.67 1.35 -35.43	54.78 1.59 -31.13	37.78 1.98 -14.50	34.03 0.87 -16.49	28.30 1.21 -5.83
HOLTSVILLE_IC_9 23698	27.70 0.67 -20.90	23.86 1.20 -10.82	22.60 1.45 -5.86	22.35 1.66 -1.85	23.65 1.58 -3.84	25.36 2.02 -2.90	31.39 1.52 -6.76	35.10 1.42 -11.15	33.44 1.09 -9.64	32.28 1.57 -8.23	31.47 1.26 -8.50	31.55 1.12 -9.68	33.33 1.19 -10.94	40.38 1.34 -16.70	44.98 1.39 -21.48	45.16 1.25 -21.91	52.52 1.62 -28.49	63.17 1.67 -38.65	62.92 1.54 -38.41	59.67 1.35 -35.43	54.78 1.59 -31.13	37.78 1.98 -14.50	34.03 0.87 -16.49	28.30 1.21 -5.83



HOWARD_WT_PWR 323690	18.50 0.12 -12.24	17.84 0.26 -5.73	17.02 0.44 -1.29	19.84 0.58 -0.41	19.56 0.49 -0.85	21.83 0.76 -0.64	28.43 0.83 -4.49	27.17 0.74 -3.90	28.35 0.77 -4.88	26.17 0.79 -2.90	24.86 0.63 -2.52	24.42 0.48 -3.19	25.44 0.62 -3.62	26.75 0.71 -3.70	27.29 0.42 -4.76	28.17 0.40 -5.78	30.14 0.54 -7.18	52.34 0.25 -29.25	52.86 0.35 -29.54	50.82 0.41 -27.51	37.86 0.60 -15.20	28.43 0.49 -6.64	24.68 0.50 -7.51	26.44 0.72 -4.46
HQ_GEN_CEDARS 23644	5.05 -0.13 0.94	11.16 -0.28 0.41	14.92 -0.37 0.00	18.39 -0.45 0.00	17.88 -0.35 0.00	19.98 -0.45 0.00	22.21 -0.53 0.37	21.77 -0.59 0.18	21.76 -0.61 0.33	21.73 -0.63 0.12	21.13 -0.59 0.00	20.25 -0.50 0.00	20.65 -0.55 0.00	21.71 -0.63 0.00	21.57 -0.53 0.00	21.45 -0.55 0.00	21.79 -0.56 0.07	15.67 -0.46 6.72	15.40 -0.46 7.11	15.58 -0.44 6.88	17.42 -0.49 4.16	19.13 -0.45 1.72	14.41 -0.33 1.93	19.25 -0.40 1.60
HQ_GEN_CEDARS_PROXY 323590	5.05 -0.13 0.94	11.16 -0.28 0.41	14.92 -0.37 0.00	18.39 -0.45 0.00	17.88 -0.35 0.00	20.34 -0.45 -0.35	21.85 -0.53 0.72	21.77 -0.59 0.18	21.76 -0.61 0.33	21.73 -0.63 0.12	21.13 -0.59 0.00	20.25 -0.50 0.00	20.65 -0.55 0.00	21.71 -0.63 0.00	21.57 -0.53 0.00	21.45 -0.55 0.00	21.79 -0.56 0.07	15.67 -0.46 6.72	15.40 -0.46 7.11	15.58 -0.44 6.88	17.42 -0.49 4.16	19.13 -0.45 1.72	14.41 -0.33 1.93	19.25 -0.40 1.60
HQ_GEN_IMPORT 323601	5.00 -0.10 1.03	11.20 -0.20 0.45	15.02 -0.26 0.00	18.52 -0.32 0.00	17.95 -0.27 0.00	20.42 -0.37 -0.35	21.91 -0.44 0.76	21.91 -0.43 0.19	21.91 -0.43 0.36	21.91 -0.43 0.14	21.33 -0.39 0.00	20.42 -0.33 0.00	20.82 -0.38 0.00	21.91 -0.43 0.00	21.68 -0.42 0.00	21.58 -0.42 0.00	21.91 -0.43 0.08	20.42 -0.34 2.08	20.42 -0.34 2.21	20.42 -0.34 2.13	20.42 -0.35 1.29	20.42 -0.34 0.53	15.82 -0.25 0.60	20.42 -0.34 0.50
HQ_GEN_WHEEL 23651	5.00 -0.10 1.03	11.20 -0.20 0.45	15.02 -0.26 0.00	18.52 -0.32 0.00	17.95 -0.27 0.00	20.42 -0.37 -0.35	21.91 -0.44 0.76	21.91 -0.43 0.19	21.91 -0.43 0.36	21.91 -0.43 0.14	21.33 -0.39 0.00	20.42 -0.33 0.00	20.82 -0.38 0.00	21.91 -0.43 0.00	21.68 -0.42 0.00	21.58 -0.42 0.00	21.91 -0.43 0.08	20.42 -0.34 2.08	20.42 -0.34 2.21	20.42 -0.34 2.13	20.42 -0.35 1.29	20.42 -0.34 0.53	15.82 -0.25 0.60	20.42 -0.34 0.50
HUDSON_AVE_GT_3 23810	27.51 0.48 -20.90	23.62 0.95 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.89 1.55 -2.90	31.65 1.78 -6.76	35.40 1.71 -11.16	34.43 1.84 -9.88	32.60 1.89 -8.23	34.87 1.80 -11.36	36.72 1.58 -14.39	39.24 1.70 -16.34	40.83 1.79 -16.71	45.45 1.86 -21.48	49.82 1.74 -26.08	52.79 1.88 -28.49	63.39 1.90 -38.65	63.14 1.77 -38.41	59.99 1.67 -35.42	54.85 1.66 -31.13	37.26 1.47 -14.50	34.40 1.23 -16.50	28.70 1.61 -5.83
HUDSON_AVE_GT_4 23540	27.51 0.48 -20.90	23.62 0.95 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.89 1.55 -2.90	31.65 1.78 -6.76	35.40 1.71 -11.16	34.43 1.84 -9.88	32.60 1.89 -8.23	34.87 1.80 -11.36	36.72 1.58 -14.39	39.24 1.70 -16.34	40.83 1.79 -16.71	45.45 1.86 -21.48	49.82 1.74 -26.08	52.79 1.88 -28.49	63.39 1.90 -38.65	63.14 1.77 -38.41	59.99 1.67 -35.42	54.85 1.66 -31.13	37.26 1.47 -14.50	34.40 1.23 -16.50	28.70 1.61 -5.83
HUDSON_AVE_GT_5 23657	27.51 0.48 -20.90	23.62 0.95 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.89 1.55 -2.90	31.65 1.78 -6.76	35.40 1.71 -11.16	34.43 1.84 -9.88	32.60 1.89 -8.23	34.87 1.80 -11.36	36.72 1.58 -14.39	39.24 1.70 -16.34	40.83 1.79 -16.71	45.45 1.86 -21.48	49.82 1.74 -26.08	52.79 1.88 -28.49	63.39 1.90 -38.65	63.14 1.77 -38.41	59.99 1.67 -35.42	54.85 1.66 -31.13	37.26 1.47 -14.50	34.40 1.23 -16.50	28.70 1.61 -5.83
HUDSON_AVE_10 24168	27.49 0.47 -20.90	23.58 0.91 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.38 1.69 -11.16	34.40 1.82 -9.88	32.57 1.87 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.76 1.72 -16.71	45.38 1.79 -21.48	49.75 1.67 -26.08	52.72 1.82 -28.49	63.32 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.20 1.41 -14.50	34.38 1.22 -16.50	28.64 1.55 -5.83
HUNTER_MOUNT___DRP 323613	29.30 0.10 -23.07	24.13 0.20 -12.08	22.52 0.26 -6.97	21.32 0.28 -2.19	23.09 0.29 -4.57	24.21 0.33 -3.45	30.88 0.44 -7.34	35.94 0.50 -12.91	34.27 0.45 -11.11	32.33 0.34 -9.51	35.52 0.33 -13.48	38.25 0.41 -17.08	41.00 0.40 -19.40	42.64 0.47 -19.83	48.20 0.60 -25.50	53.64 0.68 -30.96	57.39 0.78 -34.19	66.98 0.82 -43.32	66.75 0.94 -42.84	63.28 1.03 -39.35	58.50 0.90 -35.53	38.81 0.85 -16.66	36.10 0.47 -18.97	28.11 0.62 -6.24
HUNTINGTON_RES_REC 323705	27.64 0.61 -20.90	23.76 1.09 -10.82	22.46 1.31 -5.86	22.20 1.51 -1.85	23.51 1.44 -3.84	25.18 1.84 -2.90	31.25 1.39 -6.76	34.92 1.24 -11.15	33.30 0.95 -9.64	32.10 1.39 -8.23	31.33 1.11 -8.51	31.42 0.98 -9.70	33.18 1.02 -10.96	40.20 1.16 -16.70	44.82 1.24 -21.48	45.04 1.12 -21.92	52.39 1.48 -28.49	62.98 1.48 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.59 1.39 -31.13	37.48 1.68 -14.50	33.89 0.73 -16.49	28.13 1.04 -5.83
HUNTLEY___63 23557	17.69 -0.13 -11.69	17.02 -0.24 -5.40	16.16 -0.12 -1.00	19.02 -0.13 -0.31	18.64 -0.24 -0.65	20.74 -0.18 -0.49	27.01 -0.44 -4.34	25.35 -0.61 -3.43	26.76 -0.50 -4.55	24.52 -0.52 -2.56	23.03 -0.63 -1.95	22.50 -0.73 -2.47	23.42 -0.59 -2.81	24.62 -0.58 -2.87	24.80 -0.99 -3.69	25.47 -1.01 -4.48	27.20 -0.99 -5.76	41.05 -1.35 -19.55	42.04 -1.45 -20.51	41.16 -1.30 -19.56	35.34 -0.77 -14.05	26.56 -0.81 -6.08	23.12 -0.42 -6.87	25.21 -0.40 -4.35
HUNTLEY___64 23558	17.69 -0.13 -11.69	17.02 -0.24 -5.40	16.16 -0.12 -1.00	19.02 -0.13 -0.31	18.64 -0.24 -0.65	20.74 -0.18 -0.49	27.01 -0.44 -4.34	25.35 -0.61 -3.43	26.76 -0.50 -4.55	24.52 -0.52 -2.56	23.03 -0.63 -1.95	22.50 -0.73 -2.47	23.42 -0.59 -2.81	24.62 -0.58 -2.87	24.80 -0.99 -3.69	25.47 -1.01 -4.48	27.20 -0.99 -5.76	41.05 -1.35 -19.55	42.04 -1.45 -20.51	41.16 -1.30 -19.56	35.34 -0.77 -14.05	26.56 -0.81 -6.08	23.12 -0.42 -6.87	25.21 -0.40 -4.35
HUNTLEY___65 23559	17.69 -0.13 -11.69	17.02 -0.24 -5.40	16.16 -0.12 -1.00	19.02 -0.13 -0.31	18.64 -0.24 -0.65	20.74 -0.18 -0.49	27.01 -0.44 -4.34	25.35 -0.61 -3.43	26.76 -0.50 -4.55	24.52 -0.52 -2.56	23.03 -0.63 -1.95	22.50 -0.73 -2.47	23.42 -0.59 -2.81	24.62 -0.58 -2.87	24.80 -0.99 -3.69	25.47 -1.01 -4.48	27.20 -0.99 -5.76	41.05 -1.35 -19.55	42.04 -1.45 -20.51	41.16 -1.30 -19.56	35.34 -0.77 -14.05	26.56 -0.81 -6.08	23.12 -0.42 -6.87	25.21 -0.40 -4.35
HUNTLEY___66 23560	17.69 -0.13 -11.69	17.02 -0.24 -5.40	16.16 -0.12 -1.00	19.02 -0.13 -0.31	18.64 -0.24 -0.65	20.74 -0.18 -0.49	27.01 -0.44 -4.34	25.35 -0.61 -3.43	26.76 -0.50 -4.55	24.52 -0.52 -2.56	23.03 -0.63 -1.95	22.50 -0.73 -2.47	23.42 -0.59 -2.81	24.62 -0.58 -2.87	24.80 -0.99 -3.69	25.47 -1.01 -4.48	27.20 -0.99 -5.76	41.05 -1.35 -19.55	42.04 -1.45 -20.51	41.16 -1.30 -19.56	35.34 -0.77 -14.05	26.56 -0.81 -6.08	23.12 -0.42 -6.87	25.21 -0.40 -4.35



HUNTLEY___67 23561	17.76 -0.11 -11.74	17.10 -0.19 -5.44	16.24 -0.08 -1.03	19.09 -0.08 -0.32	18.71 -0.18 -0.67	20.82 -0.12 -0.51	27.12 -0.35 -4.36	25.49 -0.52 -3.47	26.84 -0.45 -4.59	24.64 -0.43 -2.59	23.15 -0.56 -2.00	22.65 -0.64 -2.54	23.57 -0.51 -2.88	24.79 -0.49 -2.94	25.01 -0.88 -3.79	25.67 -0.92 -4.60	27.42 -0.87 -5.88	41.01 -1.23 -19.40	41.91 -1.33 -20.28	41.14 -1.19 -19.44	35.51 -0.68 -14.13	26.71 -0.70 -6.12	23.23 -0.35 -6.91	25.31 -0.32 -4.37
HUNTLEY___68 23562	17.76 -0.11 -11.74	17.10 -0.19 -5.44	16.24 -0.08 -1.03	19.09 -0.08 -0.32	18.71 -0.18 -0.67	20.82 -0.12 -0.51	27.12 -0.35 -4.36	25.49 -0.52 -3.47	26.84 -0.45 -4.59	24.64 -0.43 -2.59	23.15 -0.56 -2.00	22.65 -0.64 -2.54	23.57 -0.51 -2.88	24.79 -0.49 -2.94	25.01 -0.88 -3.79	25.67 -0.92 -4.60	27.42 -0.87 -5.88	41.01 -1.23 -19.40	41.91 -1.33 -20.28	41.14 -1.19 -19.44	35.51 -0.68 -14.13	26.71 -0.70 -6.12	23.23 -0.35 -6.91	25.31 -0.32 -4.37
HYLAND___LFG 323620	18.29 0.34 -11.82	18.00 0.66 -5.48	17.30 0.95 -1.07	20.25 1.07 -0.34	19.89 0.97 -0.70	22.23 1.27 -0.53	29.01 1.52 -4.38	27.52 1.44 -3.54	28.72 1.39 -4.63	26.36 1.24 -2.64	24.82 1.02 -2.08	24.23 0.83 -2.64	25.07 0.87 -3.00	26.34 0.94 -3.07	26.76 0.71 -3.94	27.64 0.86 -4.79	29.58 1.08 -6.09	53.58 0.98 -29.75	54.23 1.22 -30.04	52.07 1.24 -27.94	37.92 1.43 -14.42	28.85 1.30 -6.26	24.66 0.92 -7.08	26.99 1.34 -4.39
INDECK___CORINTH 23802	32.00 0.06 -25.82	25.63 0.11 -13.67	23.78 0.15 -8.35	21.60 0.13 -2.63	23.86 0.16 -5.47	24.69 0.12 -4.13	31.49 0.30 -8.08	38.34 0.43 -15.38	35.98 0.43 -12.84	34.12 0.31 -11.33	38.51 0.35 -16.44	41.96 0.37 -20.84	45.25 0.38 -23.67	46.87 0.34 -24.20	53.64 0.42 -31.11	60.26 0.48 -37.78	64.69 0.52 -41.75	72.76 0.57 -49.34	71.84 0.71 -48.16	67.82 0.85 -44.08	63.67 0.84 -40.76	41.27 0.74 -19.23	38.92 0.35 -21.90	28.28 0.28 -6.75
INDECK___ILION 23567	16.69 -0.03 -10.59	16.48 -0.05 -4.67	15.35 -0.05 -0.12	18.84 -0.04 -0.04	18.28 -0.02 -0.08	20.49 0.00 -0.06	27.28 0.05 -4.13	24.61 -0.04 -2.12	26.44 -0.05 -3.78	24.05 -0.02 -1.59	21.90 -0.04 -0.22	20.98 -0.06 -0.28	21.48 -0.04 -0.32	22.62 -0.04 -0.33	22.51 -0.02 -0.42	22.49 -0.02 -0.52	23.81 -0.02 -1.41	40.71 -0.02 -17.89	41.82 -0.05 -18.89	41.08 -0.05 -18.23	33.27 -0.02 -11.23	25.94 -0.02 -4.67	21.96 0.03 -5.25	25.47 0.02 -4.19
INDECK___OLEAN 23982	18.08 -0.12 -12.07	17.27 -0.21 -5.63	16.33 -0.15 -1.20	19.05 -0.17 -0.38	18.75 -0.26 -0.79	20.88 -0.14 -0.59	27.20 -0.35 -4.44	26.03 -0.25 -3.75	27.30 -0.18 -4.77	25.16 -0.11 -2.79	23.77 -0.28 -2.34	23.30 -0.41 -2.96	24.25 -0.32 -3.36	25.48 -0.29 -3.44	25.93 -0.60 -4.42	26.72 -0.64 -5.36	28.60 -0.54 -6.72	43.54 -0.91 -21.61	44.70 -0.62 -22.34	43.40 -0.73 -21.24	36.39 -0.42 -14.74	27.16 -0.55 -6.42	23.63 -0.30 -7.26	25.34 -0.34 -4.42
INDECK___OSWEGO 23783	16.55 -0.03 -10.45	16.51 -0.06 -4.72	15.72 -0.06 -0.50	18.91 -0.09 -0.16	18.44 -0.11 -0.33	20.60 -0.08 -0.25	27.06 -0.02 -3.98	25.05 -0.04 -2.56	26.53 -0.07 -3.89	24.32 -0.09 -1.93	22.59 -0.09 -0.96	21.84 -0.12 -1.21	22.48 -0.11 -1.38	23.66 -0.09 -1.41	23.81 -0.11 -1.81	24.09 -0.11 -2.20	25.51 -0.11 -3.20	42.63 -0.18 -19.96	43.71 -0.18 -20.93	42.80 -0.18 -20.08	34.91 -0.15 -13.00	26.66 -0.15 -5.51	22.78 -0.10 -6.21	25.59 -0.13 -4.46
INDECK___YERKES 23781	17.69 -0.13 -11.69	17.03 -0.23 -5.40	16.17 -0.11 -1.00	19.04 -0.11 -0.31	18.66 -0.22 -0.65	20.76 -0.16 -0.49	27.03 -0.42 -4.34	25.37 -0.59 -3.43	26.78 -0.48 -4.55	24.57 -0.47 -2.56	23.06 -0.61 -1.95	22.52 -0.71 -2.47	23.44 -0.57 -2.81	24.65 -0.56 -2.87	24.85 -0.95 -3.69	25.49 -0.99 -4.48	27.22 -0.96 -5.76	41.07 -1.33 -19.55	42.06 -1.42 -20.51	41.18 -1.28 -19.56	35.37 -0.75 -14.05	26.58 -0.79 -6.08	23.14 -0.40 -6.87	25.23 -0.38 -4.35
INDIAN POINT_GT_1 24139	27.39 0.42 -20.83	23.46 0.83 -10.78	22.14 1.02 -5.83	21.96 1.28 -1.83	23.19 1.15 -3.82	24.69 1.37 -2.89	31.38 1.52 -6.74	35.10 1.46 -11.10	34.12 1.57 -9.85	32.29 1.62 -8.19	34.57 1.56 -11.29	36.43 1.37 -14.31	38.94 1.48 -16.25	40.53 1.59 -16.61	45.15 1.68 -21.36	49.54 1.60 -25.94	52.45 1.73 -28.30	63.04 1.69 -38.51	62.85 1.61 -38.27	59.73 1.53 -35.30	54.56 1.50 -30.99	37.09 1.36 -14.43	34.16 1.07 -16.42	28.45 1.38 -5.81
INDIAN POINT_GT_2 23659	27.39 0.42 -20.83	23.46 0.83 -10.78	22.14 1.02 -5.83	21.96 1.28 -1.83	23.19 1.15 -3.82	24.69 1.37 -2.89	31.38 1.52 -6.74	35.10 1.46 -11.10	34.12 1.57 -9.85	32.29 1.62 -8.19	34.57 1.56 -11.29	36.43 1.37 -14.31	38.94 1.48 -16.25	40.53 1.59 -16.61	45.15 1.68 -21.36	49.54 1.60 -25.94	52.45 1.73 -28.30	63.04 1.69 -38.51	62.85 1.61 -38.27	59.73 1.53 -35.30	54.56 1.50 -30.99	37.09 1.36 -14.43	34.16 1.07 -16.42	28.45 1.38 -5.81
INDIAN POINT_GT_3 24019	27.39 0.42 -20.83	23.46 0.83 -10.78	22.14 1.02 -5.83	21.96 1.28 -1.83	23.19 1.15 -3.82	24.69 1.37 -2.89	31.38 1.52 -6.74	35.10 1.46 -11.10	34.12 1.57 -9.85	32.29 1.62 -8.19	34.57 1.56 -11.29	36.43 1.37 -14.31	38.94 1.48 -16.25	40.53 1.59 -16.61	45.15 1.68 -21.36	49.54 1.60 -25.94	52.45 1.73 -28.30	63.04 1.69 -38.51	62.85 1.61 -38.27	59.73 1.53 -35.30	54.56 1.50 -30.99	37.09 1.36 -14.43	34.16 1.07 -16.42	28.45 1.38 -5.81
INDIAN POINT___2 23530	27.34 0.43 -20.78	23.43 0.83 -10.74	22.11 1.02 -5.80	21.95 1.28 -1.82	23.19 1.17 -3.80	24.67 1.37 -2.87	31.36 1.52 -6.73	35.05 1.46 -11.05	34.08 1.57 -9.81	32.27 1.64 -8.15	34.51 1.56 -11.23	36.38 1.39 -14.23	38.85 1.48 -16.16	40.45 1.59 -16.53	45.04 1.68 -21.25	49.38 1.58 -25.80	52.29 1.73 -28.14	62.91 1.69 -38.38	62.73 1.61 -38.15	59.63 1.53 -35.20	54.43 1.50 -30.87	37.03 1.36 -14.37	34.09 1.07 -16.35	28.46 1.40 -5.80
INDIAN POINT___3 23531	27.40 0.42 -20.85	23.46 0.82 -10.79	22.14 1.02 -5.84	21.94 1.26 -1.84	23.20 1.15 -3.83	24.69 1.37 -2.89	31.36 1.50 -6.74	35.11 1.46 -11.11	34.10 1.54 -9.85	32.30 1.62 -8.19	34.56 1.54 -11.30	36.45 1.37 -14.32	38.93 1.46 -16.27	40.53 1.56 -16.63	45.15 1.66 -21.39	49.55 1.58 -25.97	52.46 1.70 -28.34	63.05 1.67 -38.54	62.88 1.61 -38.30	59.74 1.51 -35.33	54.56 1.48 -31.02	37.08 1.34 -14.45	34.16 1.05 -16.44	28.46 1.38 -5.82
IP CORINTH___1 23988	32.03 0.09 -25.82	25.69 0.17 -13.67	23.87 0.24 -8.35	21.70 0.23 -2.63	23.95 0.25 -5.47	24.81 0.25 -4.13	31.62 0.44 -8.08	38.47 0.56 -15.38	36.09 0.54 -12.84	34.26 0.45 -11.33	38.62 0.46 -16.44	42.09 0.50 -20.84	45.38 0.51 -23.67	47.00 0.47 -24.20	53.75 0.53 -31.11	60.39 0.62 -37.78	64.82 0.65 -41.75	72.89 0.71 -49.34	71.95 0.83 -48.16	67.94 0.96 -44.08	63.80 0.97 -40.76	41.39 0.87 -19.23	39.02 0.45 -21.90	28.41 0.40 -6.75
IP___TICONDEROGA 23804	32.21 0.29 -25.78	26.04 0.53 -13.65	24.33 0.72 -8.33	22.29 0.83 -2.62	24.54 0.86 -5.46	25.44 0.88 -4.12	32.54 1.36 -8.07	39.41 1.53 -15.34	36.98 1.45 -12.82	35.04 1.26 -11.30	39.33 1.22 -16.40	42.85 1.31 -20.78	46.15 1.34 -23.61	47.70 1.23 -24.14	54.49 1.35 -31.04	61.17 1.50 -37.68	65.63 1.57 -41.64	73.77 1.67 -49.26	72.97 1.91 -48.09	69.05 2.13 -44.02	64.90 2.14 -40.70	42.43 1.94 -19.20	39.75 1.22 -21.86	29.28 1.28 -6.74



ISLIP_RES_REC 323679	27.73 0.70 -20.90	23.92 1.26 -10.82	22.66 1.51 -5.86	22.42 1.73 -1.85	23.73 1.66 -3.84	25.44 2.11 -2.90	31.48 1.62 -6.76	35.23 1.55 -11.15	33.55 1.20 -9.64	32.40 1.69 -8.23	31.60 1.37 -8.51	31.71 1.25 -9.71	33.49 1.32 -10.97	40.51 1.47 -16.70	45.11 1.52 -21.48	45.28 1.36 -21.92	52.68 1.77 -28.49	63.30 1.80 -38.65	63.05 1.68 -38.41	59.81 1.49 -35.43	54.92 1.72 -31.13	37.90 2.11 -14.50	34.11 0.95 -16.49	28.38 1.30 -5.83
JANIS__SOLAR 323808	19.32 0.32 -12.86	18.59 0.64 -6.09	17.72 0.81 -1.62	20.39 1.04 -0.51	20.25 0.97 -1.07	22.46 1.23 -0.80	29.33 1.57 -4.65	28.44 1.49 -4.43	29.31 1.36 -5.24	27.10 1.33 -3.29	26.03 1.15 -3.16	25.80 1.04 -4.01	26.88 1.12 -4.55	28.19 1.21 -4.65	29.31 1.21 -5.99	30.52 1.25 -7.27	32.65 1.41 -8.82	47.47 1.28 -23.35	48.34 1.40 -23.97	46.97 1.40 -22.68	39.99 1.43 -16.49	29.91 1.34 -7.28	25.99 1.08 -8.24	27.22 1.38 -4.58
JARVIS____ 23743	16.73 0.01 -10.59	16.55 0.02 -4.67	15.44 0.05 -0.12	18.94 0.06 -0.04	18.35 0.05 -0.08	20.57 0.08 -0.06	27.33 0.09 -4.13	24.72 0.07 -2.12	26.56 0.07 -3.78	24.17 0.09 -1.59	22.01 0.07 -0.22	21.08 0.04 -0.28	21.59 0.06 -0.32	22.73 0.07 -0.33	22.62 0.09 -0.42	22.60 0.09 -0.52	23.92 0.09 -1.41	40.80 0.07 -17.89	41.93 0.07 -18.89	41.19 0.07 -18.23	33.38 0.09 -11.23	26.04 0.09 -4.67	22.01 0.08 -5.25	25.53 0.09 -4.19
JENNISON____1 23625	20.18 0.34 -13.71	19.11 0.66 -6.59	18.19 0.84 -2.07	20.59 1.09 -0.65	20.58 1.00 -1.36	22.72 1.27 -1.03	29.55 1.57 -4.87	29.11 1.44 -5.13	29.84 1.41 -5.73	27.66 1.37 -3.81	26.94 1.19 -4.03	26.91 1.06 -5.10	28.14 1.14 -5.79	29.51 1.25 -5.92	30.98 1.26 -7.62	32.52 1.28 -9.25	34.86 1.44 -11.01	49.12 1.32 -24.95	49.84 1.40 -25.47	48.27 1.37 -24.00	41.55 1.43 -18.05	30.73 1.38 -8.05	26.91 1.12 -9.13	27.40 1.45 -4.69
JENNISON____2 23626	20.18 0.34 -13.71	19.11 0.66 -6.59	18.19 0.84 -2.07	20.59 1.09 -0.65	20.58 1.00 -1.36	22.72 1.27 -1.03	29.55 1.57 -4.87	29.11 1.44 -5.13	29.84 1.41 -5.73	27.66 1.37 -3.81	26.94 1.19 -4.03	26.91 1.06 -5.10	28.14 1.14 -5.79	29.51 1.25 -5.92	30.98 1.26 -7.62	32.52 1.28 -9.25	34.86 1.44 -11.01	49.12 1.32 -24.95	49.84 1.40 -25.47	48.27 1.37 -24.00	41.55 1.43 -18.05	30.73 1.38 -8.05	26.91 1.12 -9.13	27.40 1.45 -4.69
JERICHO_RISE_WT_PWR 323719	4.64 -0.28 1.22	10.82 -0.50 0.53	14.73 -0.55 0.00	18.17 -0.68 0.00	17.80 -0.42 0.00	20.09 -0.35 0.00	22.33 -0.30 0.48	22.17 -0.13 0.23	22.19 -0.09 0.43	22.21 -0.11 0.17	21.63 -0.09 0.00	20.73 -0.02 0.00	21.16 -0.04 0.00	22.25 -0.09 0.00	22.11 0.00 0.00	21.95 -0.04 0.00	22.26 -0.07 0.09	17.26 0.07 5.66	17.00 0.02 5.99	17.11 0.00 5.79	18.36 -0.20 3.50	19.53 -0.32 1.44	14.66 -0.38 1.62	19.38 -0.53 1.35
KCE_NY_1 323755	32.07 0.21 -25.74	25.88 0.40 -13.63	24.14 0.55 -8.31	22.10 0.64 -2.61	24.32 0.66 -5.45	25.22 0.67 -4.11	32.02 0.86 -8.06	38.77 0.95 -15.29	36.42 0.93 -12.78	34.60 0.85 -11.27	38.88 0.82 -16.34	42.29 0.83 -20.71	45.57 0.85 -23.52	47.23 0.85 -24.05	53.94 0.91 -30.92	60.49 0.95 -37.55	64.92 1.01 -41.49	73.03 1.03 -49.15	72.10 1.13 -48.00	68.05 1.21 -43.94	63.89 1.21 -40.61	41.55 1.11 -19.15	39.18 0.70 -21.81	28.78 0.79 -6.73
KCE_NY_6_ESR 323823	17.87 -0.07 -11.81	17.22 -0.11 -5.47	16.38 0.03 -1.06	19.23 0.06 -0.33	18.86 -0.05 -0.70	21.00 0.04 -0.53	27.32 -0.16 -4.37	25.79 -0.27 -3.53	27.15 -0.18 -4.62	24.96 -0.16 -2.63	23.48 -0.30 -2.07	22.96 -0.41 -2.62	23.90 -0.28 -2.98	25.13 -0.25 -3.04	25.40 -0.62 -3.91	26.09 -0.66 -4.75	27.87 -0.60 -6.05	41.42 -0.98 -19.56	42.41 -1.01 -20.45	41.56 -0.92 -19.58	35.90 -0.44 -14.28	26.97 -0.51 -6.19	23.47 -0.20 -7.00	25.49 -0.15 -4.38
KEDC_PORT_JEFF_GT2 24210	27.69 0.66 -20.90	23.84 1.17 -10.82	22.55 1.41 -5.86	22.33 1.64 -1.85	23.62 1.55 -3.84	25.32 1.98 -2.90	31.37 1.50 -6.76	35.06 1.37 -11.15	33.39 1.05 -9.64	32.22 1.51 -8.23	31.42 1.22 -8.49	31.48 1.06 -9.67	33.25 1.12 -10.93	40.33 1.29 -16.70	44.91 1.33 -21.48	45.11 1.21 -21.90	52.48 1.57 -28.49	63.10 1.60 -38.65	62.87 1.49 -38.41	59.60 1.28 -35.43	54.72 1.52 -31.13	37.71 1.92 -14.50	34.01 0.85 -16.49	28.25 1.17 -5.83
KEDC_PORT_JEFF_GT3 24211	27.69 0.66 -20.90	23.84 1.17 -10.82	22.55 1.41 -5.86	22.33 1.64 -1.85	23.62 1.55 -3.84	25.32 1.98 -2.90	31.37 1.50 -6.76	35.06 1.37 -11.15	33.39 1.05 -9.64	32.22 1.51 -8.23	31.42 1.22 -8.49	31.48 1.06 -9.67	33.25 1.12 -10.93	40.33 1.29 -16.70	44.91 1.33 -21.48	45.11 1.21 -21.90	52.48 1.57 -28.49	63.10 1.60 -38.65	62.87 1.49 -38.41	59.60 1.28 -35.43	54.72 1.52 -31.13	37.71 1.92 -14.50	34.01 0.85 -16.49	28.25 1.17 -5.83
KEDC_GLWD_GT4 24219	27.59 0.56 -20.90	23.71 1.04 -10.82	22.43 1.28 -5.86	22.24 1.55 -1.85	23.51 1.44 -3.84	25.09 1.76 -2.90	31.58 1.71 -6.76	35.29 1.60 -11.15	34.01 1.54 -9.76	32.48 1.78 -8.23	33.70 1.63 -10.36	34.95 1.45 -12.75	37.19 1.53 -14.46	40.72 1.68 -16.71	45.32 1.73 -21.49	47.62 1.65 -23.97	52.77 1.86 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.90 1.58 -35.43	54.87 1.68 -31.13	37.50 1.70 -14.50	34.27 1.10 -16.50	28.55 1.47 -5.83
KEDC_GLWD_GT5 24220	27.59 0.56 -20.90	23.71 1.04 -10.82	22.43 1.28 -5.86	22.24 1.55 -1.85	23.51 1.44 -3.84	25.09 1.76 -2.90	31.58 1.71 -6.76	35.29 1.60 -11.15	34.01 1.54 -9.76	32.48 1.78 -8.23	33.70 1.63 -10.36	34.95 1.45 -12.75	37.19 1.53 -14.46	40.72 1.68 -16.71	45.32 1.73 -21.49	47.62 1.65 -23.97	52.77 1.86 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.90 1.58 -35.43	54.87 1.68 -31.13	37.50 1.70 -14.50	34.27 1.10 -16.50	28.55 1.47 -5.83
KENSICO____ 23655	27.45 0.44 -20.88	23.51 0.85 -10.81	22.21 1.07 -5.86	22.01 1.32 -1.84	23.26 1.20 -3.84	24.76 1.43 -2.90	31.46 1.59 -6.75	35.21 1.53 -11.14	34.21 1.64 -9.87	32.39 1.69 -8.22	34.69 1.63 -11.34	36.55 1.43 -14.37	39.07 1.55 -16.32	40.67 1.65 -16.69	45.29 1.73 -21.46	49.70 1.65 -26.05	52.63 1.77 -28.44	63.22 1.76 -38.62	63.02 1.68 -38.37	59.87 1.58 -35.40	54.73 1.57 -31.10	37.21 1.43 -14.49	34.25 1.10 -16.48	28.53 1.45 -5.82
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.09 0.43 -20.53	23.31 0.85 -10.60	21.97 1.02 -5.67	21.93 1.30 -1.78	23.05 1.11 -3.72	24.65 1.41 -2.81	31.39 1.62 -6.66	34.84 1.46 -10.84	33.92 1.54 -9.67	32.05 1.57 -7.99	34.16 1.48 -10.97	35.98 1.33 -13.90	38.22 1.23 -15.79	39.93 1.45 -16.14	44.41 1.55 -20.76	48.71 1.52 -25.20	52.23 1.70 -28.11	62.90 1.69 -38.37	62.74 1.63 -38.14	59.62 1.53 -35.19	54.53 1.61 -30.86	37.13 1.47 -14.37	34.23 1.22 -16.34	28.68 1.61 -5.81
KIAC_JFK_GT1 23816	27.50 0.47 -20.90	23.58 0.91 -10.81	22.26 1.12 -5.86	22.06 1.37 -1.84	23.31 1.24 -3.84	24.85 1.51 -2.90	31.69 1.83 -6.76	35.49 1.80 -11.16	34.56 1.97 -9.88	32.71 2.00 -8.23	34.85 1.78 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.79 1.74 -16.71	45.42 1.83 -21.48	49.78 1.69 -26.08	52.77 1.86 -28.49	63.39 1.90 -38.65	63.14 1.77 -38.41	59.99 1.67 -35.42	54.82 1.63 -31.13	37.20 1.41 -14.50	34.42 1.25 -16.50	28.68 1.60 -5.83



KIAC_JFK_GT2 23817	27.50 0.47 -20.90	23.58 0.91 -10.81	22.26 1.12 -5.86	22.06 1.37 -1.84	23.31 1.24 -3.84	24.85 1.51 -2.90	31.69 1.83 -6.76	35.49 1.80 -11.16	34.56 1.97 -9.88	32.71 2.00 -8.23	34.85 1.78 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.79 1.74 -16.71	45.42 1.83 -21.48	49.78 1.69 -26.08	52.77 1.86 -28.49	63.39 1.90 -38.65	63.14 1.77 -38.41	59.99 1.67 -35.42	54.82 1.63 -31.13	37.20 1.41 -14.50	34.42 1.25 -16.50	28.68 1.60 -5.83
KIAC_JFK____ 323774	27.50 0.47 -20.90	23.58 0.91 -10.81	22.26 1.12 -5.86	22.06 1.37 -1.84	23.31 1.24 -3.84	24.85 1.51 -2.90	31.69 1.83 -6.76	35.49 1.80 -11.16	34.56 1.97 -9.88	32.71 2.00 -8.23	34.85 1.78 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.79 1.74 -16.71	45.42 1.83 -21.48	49.78 1.69 -26.08	52.77 1.86 -28.49	63.39 1.90 -38.65	63.14 1.77 -38.41	59.99 1.67 -35.42	54.82 1.63 -31.13	37.20 1.41 -14.50	34.42 1.25 -16.50	28.68 1.60 -5.83
KINTIGH____ 23543	17.61 -0.06 -11.54	17.09 -0.08 -5.31	16.25 0.05 -0.92	19.21 0.08 -0.29	18.81 -0.02 -0.60	20.95 0.06 -0.46	27.30 -0.11 -4.30	25.51 -0.32 -3.30	26.88 -0.30 -4.47	24.65 -0.29 -2.46	23.13 -0.37 -1.79	22.56 -0.46 -2.27	23.46 -0.32 -2.57	24.65 -0.31 -2.63	24.83 -0.66 -3.38	25.42 -0.68 -4.11	27.10 -0.65 -5.34	42.49 -0.94 -20.59	43.21 -1.13 -21.36	42.34 -0.94 -20.38	35.31 -0.42 -13.66	26.78 -0.41 -5.89	23.15 -0.17 -6.65	25.50 -0.08 -4.33
LACHUTE____HYDRO 323717	32.21 0.29 -25.78	26.04 0.53 -13.65	24.33 0.72 -8.33	22.29 0.83 -2.62	24.54 0.86 -5.46	25.44 0.88 -4.12	32.54 1.36 -8.07	39.41 1.53 -15.34	36.98 1.45 -12.82	35.04 1.26 -11.30	39.33 1.22 -16.40	42.85 1.31 -20.78	46.15 1.34 -23.61	47.70 1.23 -24.14	54.49 1.35 -31.04	61.17 1.50 -37.68	65.63 1.57 -41.64	73.77 1.67 -49.26	72.97 1.91 -48.09	69.05 2.13 -44.02	64.90 2.14 -40.70	42.43 1.94 -19.20	39.75 1.22 -21.86	29.28 1.28 -6.74
LEDERLE____ 23769	27.27 0.44 -20.70	23.42 0.86 -10.70	22.11 1.07 -5.76	21.99 1.34 -1.81	23.20 1.20 -3.78	24.73 1.45 -2.85	31.41 1.59 -6.71	35.05 1.53 -10.99	34.11 1.64 -9.77	32.29 1.71 -8.10	34.50 1.63 -11.15	36.34 1.45 -14.13	38.80 1.55 -16.05	40.42 1.68 -16.41	44.97 1.77 -21.10	49.31 1.69 -25.62	52.19 1.84 -27.93	62.86 1.80 -38.21	62.71 1.74 -37.99	59.60 1.65 -35.06	54.37 1.59 -30.71	37.04 1.45 -14.30	34.07 1.13 -16.26	28.53 1.49 -5.79
LINDEN COGEN____ 23786	27.49 0.46 -20.90	23.57 0.90 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	24.81 1.47 -2.90	31.55 1.69 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.34 1.75 -21.48	49.71 1.63 -26.08	52.68 1.77 -28.49	63.26 1.76 -38.65	63.01 1.63 -38.41	59.85 1.53 -35.42	54.71 1.52 -31.13	37.18 1.38 -14.50	34.35 1.18 -16.50	28.62 1.53 -5.83
LIPA_MISC_IPP 23656	27.64 0.61 -20.90	23.76 1.09 -10.82	22.45 1.30 -5.86	22.24 1.55 -1.85	23.53 1.46 -3.84	25.22 1.88 -2.90	31.18 1.32 -6.76	34.83 1.15 -11.15	33.14 0.79 -9.64	32.01 1.30 -8.23	31.19 1.00 -8.48	31.27 0.87 -9.65	33.04 0.93 -10.90	40.13 1.09 -16.70	44.71 1.13 -21.48	44.88 0.99 -21.90	52.28 1.37 -28.49	62.92 1.42 -38.65	62.69 1.31 -38.41	59.42 1.10 -35.43	54.54 1.35 -31.13	37.58 1.79 -14.50	33.89 0.73 -16.49	28.13 1.04 -5.83
LISF____SOLAR 323691	27.65 0.62 -20.90	23.77 1.10 -10.82	22.46 1.31 -5.86	22.25 1.56 -1.85	23.56 1.49 -3.84	25.26 1.92 -2.90	31.21 1.34 -6.76	34.85 1.17 -11.15	33.14 0.79 -9.64	32.01 1.30 -8.23	31.22 1.02 -8.48	31.28 0.87 -9.65	33.05 0.93 -10.91	40.13 1.09 -16.70	44.73 1.15 -21.48	44.91 1.01 -21.90	52.30 1.39 -28.49	62.94 1.44 -38.65	62.71 1.33 -38.41	59.44 1.12 -35.43	54.59 1.39 -31.13	37.60 1.81 -14.50	33.93 0.77 -16.49	28.15 1.06 -5.83
LITTLE FALLS____HYD 24013	16.59 -0.13 -10.59	16.32 -0.20 -4.67	15.17 -0.23 -0.12	18.60 -0.28 -0.04	18.04 -0.26 -0.08	20.25 -0.24 -0.06	27.05 -0.19 -4.13	24.34 -0.32 -2.12	26.15 -0.34 -3.78	23.76 -0.31 -1.59	21.64 -0.30 -0.22	20.73 -0.31 -0.28	21.23 -0.30 -0.32	22.33 -0.33 -0.33	22.24 -0.29 -0.42	22.20 -0.31 -0.52	23.54 -0.29 -1.41	40.44 -0.30 -17.89	41.52 -0.34 -18.89	40.78 -0.34 -18.23	32.98 -0.31 -11.23	25.68 -0.28 -4.67	21.75 -0.17 -5.25	25.19 -0.25 -4.19
LI_NEWBRDGE____DRP 323616	27.58 0.55 -20.90	23.68 1.01 -10.82	22.37 1.22 -5.86	22.16 1.47 -1.85	23.43 1.37 -3.84	25.07 1.74 -2.90	31.30 1.43 -6.76	34.92 1.24 -11.15	33.41 1.07 -9.63	32.13 1.42 -8.23	31.18 1.19 -8.27	31.10 1.04 -9.31	32.79 1.06 -10.52	40.22 1.18 -16.70	44.80 1.21 -21.48	44.86 1.12 -21.74	52.30 1.39 -28.49	62.85 1.35 -38.65	62.62 1.24 -38.41	59.40 1.08 -35.43	54.45 1.26 -31.13	37.31 1.51 -14.50	33.94 0.78 -16.49	28.21 1.13 -5.83
LOCKPORT____CC1 323769	17.64 -0.12 -11.63	17.01 -0.21 -5.37	16.16 -0.09 -0.97	19.04 -0.11 -0.30	18.64 -0.22 -0.63	20.77 -0.14 -0.48	27.04 -0.39 -4.32	25.32 -0.59 -3.37	26.70 -0.52 -4.52	24.48 -0.52 -2.52	22.97 -0.63 -1.88	22.41 -0.73 -2.38	23.32 -0.59 -2.71	24.52 -0.58 -2.77	24.69 -0.97 -3.56	25.33 -0.99 -4.32	27.03 -0.96 -5.58	41.12 -1.33 -19.60	42.01 -1.45 -20.48	41.21 -1.28 -19.60	35.24 -0.77 -13.94	26.53 -0.79 -6.03	23.06 -0.42 -6.81	25.25 -0.36 -4.35
LOCKPORT____CC2 323770	17.64 -0.12 -11.63	17.01 -0.21 -5.37	16.16 -0.09 -0.97	19.04 -0.11 -0.30	18.64 -0.22 -0.63	20.77 -0.14 -0.48	27.04 -0.39 -4.32	25.32 -0.59 -3.37	26.70 -0.52 -4.52	24.48 -0.52 -2.52	22.97 -0.63 -1.88	22.41 -0.73 -2.38	23.32 -0.59 -2.71	24.52 -0.58 -2.77	24.69 -0.97 -3.56	25.33 -0.99 -4.32	27.03 -0.96 -5.58	41.12 -1.33 -19.60	42.01 -1.45 -20.48	41.21 -1.28 -19.60	35.24 -0.77 -13.94	26.53 -0.79 -6.03	23.06 -0.42 -6.81	25.25 -0.36 -4.35
LOCKPORT____CC3 323771	17.64 -0.12 -11.63	17.01 -0.21 -5.37	16.16 -0.09 -0.97	19.04 -0.11 -0.30	18.64 -0.22 -0.63	20.77 -0.14 -0.48	27.04 -0.39 -4.32	25.32 -0.59 -3.37	26.70 -0.52 -4.52	24.48 -0.52 -2.52	22.97 -0.63 -1.88	22.41 -0.73 -2.38	23.32 -0.59 -2.71	24.52 -0.58 -2.77	24.69 -0.97 -3.56	25.33 -0.99 -4.32	27.03 -0.96 -5.58	41.12 -1.33 -19.60	42.01 -1.45 -20.48	41.21 -1.28 -19.60	35.24 -0.77 -13.94	26.53 -0.79 -6.03	23.06 -0.42 -6.81	25.25 -0.36 -4.35
LONG_LAKE_PHOENIX 24014	16.72 -0.01 -10.60	16.63 -0.01 -4.79	15.80 0.00 -0.51	18.99 -0.02 -0.16	18.50 -0.05 -0.34	20.71 0.02 -0.25	27.21 0.07 -4.03	25.21 0.07 -2.61	26.70 0.05 -3.95	24.46 0.02 -1.96	22.70 0.00 -0.99	21.98 -0.02 -1.25	22.62 0.00 -1.42	23.83 0.04 -1.45	23.97 0.00 -1.87	24.28 0.02 -2.26	25.73 0.02 -3.28	42.43 -0.07 -19.66	43.53 -0.05 -20.60	42.62 -0.05 -19.77	34.88 -0.02 -12.84	26.70 -0.04 -5.45	22.80 -0.02 -6.14	25.64 0.00 -4.38
LOVETT____3 23632	27.28 0.42 -20.72	23.38 0.82 -10.71	22.08 1.02 -5.77	21.94 1.28 -1.82	23.16 1.15 -3.78	24.66 1.37 -2.86	31.32 1.50 -6.71	34.98 1.44 -11.01	34.03 1.54 -9.78	32.22 1.62 -8.12	34.43 1.54 -11.18	36.28 1.37 -14.16	38.75 1.46 -16.08	40.37 1.59 -16.45	44.91 1.66 -21.15	49.26 1.58 -25.68	52.12 1.70 -27.99	62.77 1.67 -38.26	62.62 1.61 -38.04	59.51 1.51 -35.10	54.30 1.48 -30.76	36.96 1.34 -14.32	34.03 1.07 -16.29	28.43 1.38 -5.79



LOVETT___4 23642	27.28 0.42 -20.72	23.38 0.82 -10.71	22.08 1.02 -5.77	21.94 1.28 -1.82	23.16 1.15 -3.78	24.66 1.37 -2.86	31.32 1.50 -6.71	34.98 1.44 -11.01	34.03 1.54 -9.78	32.22 1.62 -8.12	34.43 1.54 -11.18	36.28 1.37 -14.16	38.75 1.46 -16.08	40.37 1.59 -16.45	44.91 1.66 -21.15	49.26 1.58 -25.68	52.12 1.70 -27.99	62.77 1.67 -38.26	62.62 1.61 -38.04	59.51 1.51 -35.10	54.30 1.48 -30.76	36.96 1.34 -14.32	34.03 1.07 -16.29	28.43 1.38 -5.79
LOVETT___5 23593	27.28 0.42 -20.72	23.38 0.82 -10.71	22.08 1.02 -5.77	21.94 1.28 -1.82	23.16 1.15 -3.78	24.66 1.37 -2.86	31.32 1.50 -6.71	34.98 1.44 -11.01	34.03 1.54 -9.78	32.22 1.62 -8.12	34.43 1.54 -11.18	36.28 1.37 -14.16	38.75 1.46 -16.08	40.37 1.59 -16.45	44.91 1.66 -21.15	49.26 1.58 -25.68	52.12 1.70 -27.99	62.77 1.67 -38.26	62.62 1.61 -38.04	59.51 1.51 -35.10	54.30 1.48 -30.76	36.96 1.34 -14.32	34.03 1.07 -16.29	28.43 1.38 -5.79
LOWER RAQUET___HYD 24057	6.50 -0.26 -0.63	11.61 -0.52 -0.28	14.60 -0.69 0.00	18.00 -0.85 0.00	17.51 -0.71 0.00	19.61 -0.82 0.00	22.45 -0.90 -0.25	21.59 -1.06 -0.12	21.82 -1.11 -0.22	21.45 -1.15 -0.11	20.61 -1.11 0.00	19.76 -1.00 0.00	20.12 -1.08 0.00	21.15 -1.18 0.00	21.07 -1.04 0.00	20.94 -1.06 0.00	21.43 -1.05 -0.07	9.15 -0.94 12.76	8.51 -0.94 13.51	8.89 -0.94 13.07	13.21 -0.95 7.90	17.25 -0.79 3.26	12.37 -0.63 3.67	17.60 -0.62 3.04
LOWER___HUDSON 24059	31.48 0.17 -25.19	25.48 0.32 -13.31	23.77 0.46 -8.03	21.97 0.60 -2.53	24.11 0.62 -5.27	25.04 0.63 -3.98	31.71 0.69 -7.91	38.01 0.74 -14.74	35.87 0.77 -12.39	34.08 0.74 -10.86	38.11 0.72 -15.68	41.28 0.66 -19.86	44.46 0.70 -22.56	46.14 0.74 -23.07	52.56 0.79 -29.66	58.82 0.81 -36.01	63.03 0.83 -39.78	71.55 0.82 -47.88	70.75 0.85 -46.93	66.78 0.89 -42.99	62.51 0.88 -39.56	40.74 0.81 -18.64	38.43 0.53 -21.22	28.48 0.59 -6.63
LWR___OSWEGATCHIE_HYD 23850	9.79 -0.16 -3.82	13.25 -0.33 -1.73	15.02 -0.44 -0.19	18.32 -0.58 -0.06	17.83 -0.51 -0.12	19.97 -0.55 -0.09	24.03 -0.53 -1.45	22.82 -0.65 -0.94	23.40 -0.73 -1.42	22.52 -0.72 -0.76	21.31 -0.76 -0.36	20.50 -0.71 -0.45	20.97 -0.74 -0.51	22.06 -0.80 -0.52	22.09 -0.69 -0.67	22.13 -0.68 -0.82	22.97 -0.65 -1.20	62.58 -0.57 -40.30	65.03 -0.55 -42.61	63.48 -0.55 -41.14	46.75 -0.51 -25.19	31.33 -0.41 -10.44	28.10 -0.32 -11.75	30.46 -0.30 -9.50
LYONS_FALL_HYD 23570	15.18 0.06 -8.99	15.98 0.12 -4.01	15.66 0.14 -0.24	19.13 0.21 -0.08	18.58 0.20 -0.16	20.84 0.29 -0.12	27.02 0.44 -3.47	24.80 0.29 -1.98	26.20 0.23 -3.27	24.15 0.18 -1.49	22.29 0.11 -0.47	21.43 0.08 -0.59	21.96 0.09 -0.67	23.14 0.11 -0.69	23.17 0.18 -0.88	23.25 0.18 -1.07	24.55 0.25 -1.88	47.08 0.25 -23.99	48.57 0.30 -25.30	47.56 0.28 -24.39	37.56 0.33 -15.17	27.96 0.34 -6.33	24.11 0.32 -7.13	27.23 0.40 -5.57
MADISON___COUNTY_LFGE 323628	16.83 0.16 -10.54	16.90 0.32 -4.73	16.09 0.41 -0.39	19.53 0.56 -0.12	19.01 0.53 -0.26	21.30 0.67 -0.19	28.03 0.88 -4.04	25.72 0.74 -2.45	27.26 0.68 -3.88	24.93 0.63 -1.82	23.01 0.54 -0.75	22.16 0.46 -0.95	22.81 0.53 -1.08	24.02 0.58 -1.10	24.12 0.60 -1.42	24.33 0.62 -1.72	25.81 0.70 -2.69	43.56 0.64 -20.07	44.75 0.69 -21.10	43.84 0.66 -20.28	35.69 0.68 -12.94	27.38 0.64 -5.45	23.38 0.57 -6.15	26.53 0.72 -4.55
MAPLE_RIDGE_WT_1 323574	-5.32 -0.28 11.18	6.46 -0.50 4.90	14.72 -0.57 0.00	18.32 -0.53 0.00	17.86 -0.36 0.00	20.04 -0.39 0.00	30.05 -0.44 -7.38	25.60 -0.45 -3.51	28.93 -0.41 -6.63	24.82 -0.34 -2.68	21.41 -0.30 0.00	20.48 -0.27 0.00	20.93 -0.28 0.00	22.02 -0.31 0.00	21.82 -0.29 0.00	21.71 -0.29 0.00	23.67 -0.29 -1.54	18.83 -0.46 3.56	18.72 -0.48 3.77	18.75 -0.50 3.64	19.33 -0.53 2.20	19.87 -0.51 0.91	15.25 -0.40 1.02	19.88 -0.53 0.85
MAPLE_RIDGE_WT_2 323611	-5.32 -0.28 11.18	6.46 -0.50 4.90	14.72 -0.57 0.00	18.32 -0.53 0.00	17.86 -0.36 0.00	20.04 -0.39 0.00	30.05 -0.44 -7.38	25.60 -0.45 -3.51	28.93 -0.41 -6.63	24.82 -0.34 -2.68	21.41 -0.30 0.00	20.48 -0.27 0.00	20.93 -0.28 0.00	22.02 -0.31 0.00	21.82 -0.29 0.00	21.71 -0.29 0.00	23.67 -0.29 -1.54	18.83 -0.46 3.56	18.72 -0.48 3.77	18.75 -0.50 3.64	19.33 -0.53 2.20	19.87 -0.51 0.91	15.25 -0.40 1.02	19.88 -0.53 0.85
MARBLE_RIVER_WT_PWR 323696	4.44 -0.27 1.42	10.75 -0.49 0.62	14.75 -0.54 0.00	18.18 -0.66 0.00	17.82 -0.40 0.00	20.13 -0.31 0.00	22.32 -0.23 0.56	22.20 -0.07 0.26	22.18 -0.02 0.50	22.24 -0.04 0.20	21.72 0.00 0.00	20.79 0.04 0.00	21.23 0.02 0.00	22.31 -0.02 0.00	22.17 0.07 0.00	22.04 0.04 0.00	22.33 0.02 0.11	18.12 0.16 4.89	17.88 0.09 5.18	17.96 0.07 5.01	18.93 -0.11 3.03	19.79 -0.25 1.25	14.93 -0.33 1.40	19.60 -0.49 1.17
MARSH_HILL_WT_PWR 323713	18.46 0.12 -12.21	17.81 0.25 -5.71	16.99 0.43 -1.28	19.83 0.58 -0.40	19.53 0.47 -0.84	21.80 0.73 -0.63	28.40 0.81 -4.48	27.10 0.70 -3.87	28.31 0.75 -4.86	26.10 0.74 -2.88	24.79 0.59 -2.49	24.36 0.46 -3.15	25.37 0.59 -3.58	26.66 0.67 -3.66	27.18 0.38 -4.70	28.06 0.35 -5.71	30.01 0.49 -7.10	53.01 0.21 -29.95	53.50 0.32 -30.21	51.35 0.37 -28.09	37.77 0.57 -15.13	28.35 0.45 -6.61	24.63 0.48 -7.48	26.41 0.70 -4.46
MG INDUSTRY___DRP 24185	29.79 0.15 -23.51	24.49 0.30 -12.34	22.88 0.38 -7.21	21.62 0.51 -2.27	23.42 0.47 -4.73	24.56 0.55 -3.57	31.16 0.60 -7.45	36.33 0.56 -13.24	34.65 0.61 -11.33	32.86 0.63 -9.75	36.18 0.59 -13.88	38.86 0.52 -17.59	41.75 0.57 -19.97	43.38 0.62 -20.42	49.05 0.69 -26.26	54.54 0.66 -31.88	58.52 0.67 -35.42	67.77 0.66 -44.26	67.46 0.64 -43.85	63.78 0.64 -40.24	59.23 0.62 -36.55	39.08 0.62 -17.17	36.66 0.45 -19.54	28.16 0.57 -6.33
MID___OSWEGATCHIE_HYD 23849	9.79 -0.16 -3.82	13.25 -0.33 -1.73	15.02 -0.44 -0.19	18.32 -0.58 -0.06	17.83 -0.51 -0.12	19.97 -0.55 -0.09	24.03 -0.53 -1.45	22.82 -0.65 -0.94	23.40 -0.73 -1.42	22.52 -0.72 -0.76	21.31 -0.76 -0.36	20.50 -0.71 -0.45	20.97 -0.74 -0.51	22.06 -0.80 -0.52	22.09 -0.69 -0.67	22.13 -0.68 -0.82	22.97 -0.65 -1.20	62.58 -0.57 -40.30	65.03 -0.55 -42.61	63.48 -0.55 -41.14	46.75 -0.51 -25.19	31.33 -0.41 -10.44	28.10 -0.32 -11.75	30.46 -0.30 -9.50
MID___RAQUETTE_HYD 23851	6.50 -0.26 -0.63	11.61 -0.52 -0.28	14.60 -0.69 0.00	18.00 -0.85 0.00	17.51 -0.71 0.00	19.61 -0.82 0.00	22.45 -0.90 -0.25	21.59 -1.06 -0.12	21.82 -1.11 -0.22	21.45 -1.15 -0.11	20.61 -1.11 0.00	19.76 -1.00 0.00	20.12 -1.08 0.00	21.15 -1.18 0.00	21.07 -1.04 0.00	20.94 -1.06 0.00	21.43 -1.05 -0.07	9.15 -0.94 12.76	8.51 -0.94 13.51	8.89 -0.94 13.07	13.21 -0.95 7.90	17.25 -0.79 3.26	12.37 -0.63 3.67	17.60 -0.62 3.04
MILLIKEN___1 23584	18.43 0.20 -12.10	17.89 0.39 -5.65	17.03 0.52 -1.23	19.91 0.68 -0.39	19.63 0.60 -0.80	21.84 0.80 -0.61	28.55 0.99 -4.45	27.27 0.95 -3.79	28.42 0.91 -4.80	26.16 0.85 -2.82	24.89 0.78 -2.40	24.50 0.71 -3.04	25.44 0.79 -3.45	26.71 0.85 -3.53	27.43 0.79 -4.53	28.32 0.81 -5.51	30.21 0.92 -6.87	45.79 0.78 -22.17	46.66 0.85 -22.84	45.43 0.85 -21.69	38.01 0.86 -15.08	28.66 0.79 -6.58	24.76 0.65 -7.44	26.58 0.85 -4.47



MILLIKEN___2 23585	18.43 0.20 -12.10	17.89 0.39 -5.65	17.03 0.52 -1.23	19.91 0.68 -0.39	19.63 0.60 -0.80	21.84 0.80 -0.61	28.55 0.99 -4.45	27.27 0.95 -3.79	28.42 0.91 -4.80	26.16 0.85 -2.82	24.89 0.78 -2.40	24.50 0.71 -3.04	25.44 0.79 -3.45	26.71 0.85 -3.53	27.43 0.79 -4.53	28.32 0.81 -5.51	30.21 0.92 -6.87	45.79 0.78 -22.17	46.66 0.85 -22.84	45.43 0.85 -21.69	38.01 0.86 -15.08	28.66 0.79 -6.58	24.76 0.65 -7.44	26.58 0.85 -4.47
MILLIKEN___DIESEL 23629	18.43 0.20 -12.10	17.89 0.39 -5.65	17.03 0.52 -1.23	19.91 0.68 -0.39	19.63 0.60 -0.80	21.84 0.80 -0.61	28.55 0.99 -4.45	27.27 0.95 -3.79	28.42 0.91 -4.80	26.16 0.85 -2.82	24.89 0.78 -2.40	24.50 0.71 -3.04	25.44 0.79 -3.45	26.71 0.85 -3.53	27.43 0.79 -4.53	28.32 0.81 -5.51	30.21 0.92 -6.87	45.79 0.78 -22.17	46.66 0.85 -22.84	45.43 0.85 -21.69	38.01 0.86 -15.08	28.66 0.79 -6.58	24.76 0.65 -7.44	26.58 0.85 -4.47
MILLSEAT___LFGE 323607	17.67 -0.01 -11.55	17.17 0.00 -5.32	16.34 0.14 -0.92	19.32 0.19 -0.29	18.90 0.07 -0.61	21.09 0.20 -0.46	27.51 0.09 -4.30	25.73 -0.11 -3.31	27.09 -0.09 -4.47	24.84 -0.11 -2.47	23.30 -0.22 -1.80	22.70 -0.33 -2.28	23.58 -0.21 -2.59	24.83 -0.16 -2.65	24.98 -0.53 -3.41	25.63 -0.51 -4.14	27.34 -0.45 -5.37	41.90 -0.75 -19.81	42.79 -0.85 -20.67	41.95 -0.71 -19.76	35.58 -0.31 -13.82	26.92 -0.34 -5.97	23.29 -0.12 -6.74	25.64 0.04 -4.34
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.43 0.43 -20.87	23.48 0.83 -10.80	22.17 1.04 -5.85	21.97 1.28 -1.84	23.22 1.17 -3.83	24.72 1.39 -2.90	31.41 1.55 -6.75	35.15 1.49 -11.13	34.16 1.59 -9.87	32.33 1.64 -8.21	34.61 1.56 -11.33	36.50 1.39 -14.35	38.99 1.48 -16.30	40.61 1.61 -16.67	45.22 1.68 -21.43	49.62 1.60 -26.02	52.56 1.73 -28.41	63.13 1.69 -38.59	62.95 1.63 -38.35	59.80 1.53 -35.37	54.66 1.52 -31.07	37.15 1.38 -14.47	34.20 1.07 -16.46	28.48 1.40 -5.82
MODEL_CITY_ENERGY 24167	17.60 -0.18 -11.65	16.90 -0.33 -5.38	16.00 -0.26 -0.98	18.85 -0.30 -0.31	18.46 -0.40 -0.64	20.55 -0.37 -0.48	26.79 -0.65 -4.33	25.07 -0.86 -3.40	26.44 -0.80 -4.53	24.23 -0.79 -2.53	22.73 -0.89 -1.91	22.22 -0.95 -2.42	23.12 -0.83 -2.75	24.32 -0.83 -2.81	24.48 -1.24 -3.61	25.13 -1.25 -4.38	26.81 -1.26 -5.64	40.85 -1.60 -19.61	41.71 -1.75 -20.49	40.94 -1.56 -19.60	34.99 -1.06 -13.98	26.29 -1.04 -6.04	22.90 -0.60 -6.83	25.02 -0.60 -4.35
MODERN_LFGE___ 323580	17.60 -0.18 -11.65	16.90 -0.33 -5.38	16.00 -0.26 -0.98	18.85 -0.30 -0.31	18.46 -0.40 -0.64	20.55 -0.37 -0.48	26.79 -0.65 -4.33	25.07 -0.86 -3.40	26.44 -0.80 -4.53	24.23 -0.79 -2.53	22.73 -0.89 -1.91	22.22 -0.95 -2.42	23.12 -0.83 -2.75	24.32 -0.83 -2.81	24.48 -1.24 -3.61	25.13 -1.25 -4.38	26.81 -1.26 -5.64	40.85 -1.60 -19.61	41.71 -1.75 -20.49	40.94 -1.56 -19.60	34.99 -1.06 -13.98	26.29 -1.04 -6.04	22.90 -0.60 -6.83	25.02 -0.60 -4.35
MOHAWK_PAPER___DRP 24187	31.14 0.21 -24.80	25.33 0.39 -13.08	23.68 0.55 -7.84	22.03 0.72 -2.47	24.09 0.73 -5.14	25.07 0.76 -3.88	31.77 0.86 -7.80	37.53 0.95 -14.05	35.61 1.00 -11.91	33.77 0.94 -10.35	37.47 0.91 -14.85	40.44 0.87 -18.81	43.48 0.91 -21.36	45.14 0.96 -21.84	51.26 1.06 -28.09	57.18 1.08 -34.10	61.23 1.14 -37.67	70.91 1.00 -47.06	70.22 1.06 -46.19	66.32 1.10 -42.33	61.98 1.08 -38.83	40.58 1.00 -18.28	38.14 0.65 -20.82	28.58 0.76 -6.56
MONGAUP___HYD 23641	26.86 0.40 -20.34	23.12 0.78 -10.48	21.81 0.96 -5.57	21.78 1.19 -1.75	22.91 1.04 -3.65	24.48 1.29 -2.76	31.20 1.48 -6.61	34.63 1.42 -10.68	33.72 1.45 -9.56	31.82 1.46 -7.88	33.89 1.39 -10.78	35.68 1.27 -13.66	37.90 1.19 -15.51	39.56 1.36 -15.86	43.92 1.42 -20.40	48.15 1.39 -24.76	51.13 1.50 -27.21	61.97 1.48 -37.64	61.87 1.45 -37.45	58.87 1.40 -34.58	53.53 1.30 -30.17	36.75 1.43 -14.03	33.76 1.13 -15.96	28.49 1.49 -5.74
MONTAUK___DIESEL 23721	27.85 0.82 -20.90	24.15 1.48 -10.82	22.95 1.80 -5.86	22.80 2.11 -1.85	24.07 2.00 -3.84	25.87 2.53 -2.90	31.88 2.01 -6.76	35.60 1.91 -11.15	33.87 1.52 -9.64	32.75 2.05 -8.23	31.97 1.78 -8.48	31.98 1.58 -9.65	33.76 1.65 -10.91	40.92 1.88 -16.70	45.53 1.95 -21.48	45.70 1.80 -21.90	53.15 2.24 -28.49	63.88 2.38 -38.65	63.68 2.30 -38.41	60.38 2.06 -35.43	55.51 2.32 -31.13	38.48 2.68 -14.50	34.51 1.35 -16.49	28.83 1.74 -5.83
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.49 0.47 -20.90	23.58 0.91 -10.82	22.28 1.13 -5.86	22.08 1.39 -1.84	23.34 1.28 -3.84	24.83 1.49 -2.90	31.55 1.69 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.51 1.80 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.16 1.61 -16.34	40.76 1.72 -16.71	45.38 1.79 -21.49	49.75 1.67 -26.09	52.72 1.82 -28.49	63.30 1.80 -38.65	63.10 1.72 -38.41	59.95 1.63 -35.43	54.78 1.59 -31.13	37.24 1.45 -14.50	34.35 1.18 -16.50	28.62 1.53 -5.83
MUNSVILLE_WIND_PWR 323609	19.87 0.45 -13.29	19.11 0.91 -6.34	18.26 1.13 -1.85	20.91 1.49 -0.58	20.84 1.40 -1.21	23.11 1.76 -0.92	30.11 2.24 -4.76	29.38 2.07 -4.78	30.17 1.97 -5.49	27.94 1.91 -3.55	26.96 1.65 -3.60	26.78 1.47 -4.56	27.95 1.57 -5.18	29.35 1.72 -5.29	30.68 1.77 -6.80	32.08 1.82 -8.26	34.40 2.06 -9.92	48.96 1.96 -24.15	49.78 2.09 -24.72	48.30 2.06 -23.34	41.43 2.10 -17.27	30.96 2.00 -7.67	26.96 1.60 -8.68	27.94 2.04 -4.64
N SALMON___HYD 24042	5.16 -0.21 0.75	11.12 -0.40 0.33	14.84 -0.44 0.00	18.28 -0.56 0.00	17.91 -0.31 0.00	20.19 -0.24 0.00	22.63 -0.19 0.30	22.28 -0.11 0.14	22.33 -0.11 0.27	22.23 -0.16 0.10	21.59 -0.13 0.00	20.69 -0.06 0.00	21.12 -0.08 0.00	22.20 -0.13 0.00	22.11 0.00 0.00	21.95 -0.04 0.00	22.30 -0.07 0.05	15.50 0.09 7.44	15.14 0.05 7.88	15.32 0.05 7.62	17.33 -0.13 4.61	19.18 -0.21 1.90	14.25 -0.28 2.14	19.10 -0.38 1.77
N.E_GEN_SANDY PD 24062	27.26 0.25 -20.88	24.33 0.47 -12.00	22.85 0.67 -6.90	21.90 0.89 -2.17	23.60 0.86 -4.52	25.10 0.90 -3.77	31.00 0.95 -6.95	33.15 0.92 -9.69	30.25 1.00 -6.55	23.30 1.01 0.20	23.50 0.95 -0.83	24.20 0.85 -2.60	24.50 0.91 -2.39	25.10 0.98 -1.78	25.00 1.06 -1.83	27.68 1.03 -4.65	32.35 1.10 -8.83	36.80 1.07 -12.88	45.30 1.06 -21.27	46.10 1.01 -22.20	43.50 0.99 -20.44	36.60 0.91 -14.39	30.45 0.67 -13.11	27.67 0.81 -5.61
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.27 0.43 -20.71	23.39 0.83 -10.71	22.07 1.02 -5.77	21.96 1.30 -1.81	23.17 1.17 -3.78	24.68 1.39 -2.86	31.37 1.55 -6.71	34.99 1.46 -11.00	34.05 1.57 -9.77	32.23 1.64 -8.11	34.45 1.56 -11.17	36.29 1.39 -14.15	38.76 1.48 -16.07	40.37 1.61 -16.43	44.93 1.70 -21.13	49.27 1.63 -25.65	52.16 1.77 -27.97	62.82 1.74 -38.24	62.64 1.65 -38.02	59.56 1.58 -35.08	54.32 1.52 -30.74	36.99 1.38 -14.31	34.03 1.08 -16.28	28.47 1.42 -5.79
NARROWS_GT1_I 24228	27.54 0.52 -20.90	23.65 0.98 -10.81	22.35 1.21 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83



NARROWS_GT1_2 24229	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT1_3 24230	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT1_4 24231	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT1_5 24232	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT1_6 24233	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT1_7 24234	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT1_8 24235	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT2_1 24236	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT2_2 24237	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT2_3 24238	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT2_4 24239	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT2_5 24240	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT2_6 24241	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT2_7 24242	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83
NARROWS_GT2_8 24243	27.54	23.65	22.35	22.20	23.43	24.87	31.65	35.26	34.34	32.53	34.79	36.66	39.22	40.79	45.40	49.68	52.68	63.16	62.95	59.78	54.73	37.14	34.40	28.79
	0.52	0.98	1.21	1.51	1.37	1.53	1.78	1.58	1.75	1.82	1.72	1.51	1.67	1.74	1.81	1.60	1.77	1.67	1.58	1.47	1.54	1.34	1.23	1.70
	-20.90	-10.81	-5.86	-1.84	-3.84	-2.90	-6.76	-11.16	-9.88	-8.23	-11.36	-14.39	-16.34	-16.71	-21.49	-26.08	-28.49	-38.64	-38.40	-35.42	-31.12	-14.50	-16.50	-5.83



NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.30 0.10 -23.07	24.13 0.20 -12.08	22.52 0.26 -6.97	21.32 0.28 -2.19	23.09 0.29 -4.57	24.21 0.33 -3.45	30.88 0.44 -7.34	35.94 0.50 -12.91	34.27 0.45 -11.11	32.33 0.34 -9.51	35.52 0.33 -13.48	38.25 0.41 -17.08	41.00 0.40 -19.40	42.64 0.47 -19.83	48.20 0.60 -25.50	53.64 0.68 -30.96	57.39 0.78 -34.19	66.98 0.82 -43.32	66.75 0.94 -42.84	63.28 1.03 -39.35	58.50 0.90 -35.53	38.81 0.85 -16.66	36.10 0.47 -18.97	28.11 0.62 -6.24
NEG CAPITAL___MECHNVIL 23645	31.92 0.21 -25.58	25.79 0.40 -13.54	24.08 0.57 -8.23	22.11 0.68 -2.59	24.31 0.69 -5.40	25.22 0.71 -4.08	32.03 0.90 -8.02	38.61 0.95 -15.14	36.36 0.98 -12.67	34.53 0.90 -11.15	38.74 0.87 -16.16	42.08 0.85 -20.47	45.32 0.87 -23.25	47.00 0.89 -23.77	53.62 0.95 -30.57	60.10 0.99 -37.11	64.46 1.03 -41.01	72.72 1.07 -48.80	71.83 1.15 -47.71	67.81 1.24 -43.68	63.62 1.23 -40.32	41.43 1.13 -19.01	39.05 0.73 -21.65	28.77 0.81 -6.71
NEG CENTRAL_HIGH_ACRES 23767	17.46 0.14 -11.19	17.24 0.27 -5.11	16.44 0.41 -0.74	19.61 0.53 -0.23	19.17 0.46 -0.49	21.43 0.63 -0.37	28.08 0.76 -4.21	26.21 0.65 -3.03	27.62 0.63 -4.28	25.33 0.58 -2.26	23.72 0.54 -1.46	23.04 0.44 -1.85	23.84 0.53 -2.10	25.09 0.60 -2.15	25.31 0.44 -2.77	25.82 0.46 -3.36	27.46 0.54 -4.51	43.59 0.36 -20.38	44.47 0.35 -21.16	43.50 0.41 -20.19	35.80 0.42 -13.32	27.37 0.36 -5.72	23.47 0.35 -6.45	26.10 0.53 -4.31
NEG CENTRAL___DRP 24199	17.57 0.13 -11.31	17.30 0.26 -5.18	16.48 0.38 -0.81	19.59 0.49 -0.26	19.17 0.42 -0.53	21.45 0.61 -0.40	28.13 0.79 -4.24	26.40 0.72 -3.15	27.74 0.68 -4.35	25.46 0.63 -2.35	23.93 0.61 -1.61	23.29 0.50 -2.04	24.09 0.57 -2.32	25.35 0.65 -2.37	25.68 0.53 -3.04	26.22 0.53 -3.70	27.90 0.61 -4.88	44.51 0.43 -21.23	45.38 0.48 -21.93	44.27 0.50 -20.87	36.18 0.53 -13.59	27.61 0.47 -5.85	23.67 0.40 -6.60	26.13 0.53 -4.34
NEG CENTRAL___INDECK 23768	18.21 0.26 -11.82	17.85 0.51 -5.48	17.10 0.75 -1.07	20.12 0.94 -0.34	19.76 0.84 -0.70	22.09 1.12 -0.53	28.80 1.32 -4.38	27.22 1.15 -3.54	28.45 1.11 -4.63	26.18 1.06 -2.64	24.69 0.89 -2.09	24.12 0.73 -2.64	25.01 0.81 -3.00	26.32 0.92 -3.07	26.72 0.66 -3.95	27.52 0.72 -4.79	29.41 0.90 -6.09	53.35 0.71 -29.80	53.90 0.85 -30.08	51.76 0.89 -27.97	37.53 1.04 -14.43	28.47 0.91 -6.26	24.50 0.75 -7.08	26.76 1.10 -4.39
NEG CENTRAL___SENECA 23627	17.78 0.17 -11.48	17.46 0.32 -5.28	16.65 0.47 -0.90	19.75 0.62 -0.28	19.36 0.55 -0.59	21.65 0.78 -0.44	28.34 0.95 -4.28	26.64 0.83 -3.27	27.97 0.82 -4.44	25.69 0.76 -2.44	24.19 0.72 -1.76	23.59 0.60 -2.23	24.44 0.70 -2.53	25.71 0.78 -2.59	26.08 0.64 -3.33	26.65 0.62 -4.04	28.40 0.72 -5.26	45.31 0.53 -21.94	46.17 0.57 -22.62	45.01 0.64 -21.48	36.59 0.66 -13.86	27.85 0.58 -5.98	23.95 0.52 -6.76	26.34 0.72 -4.36
NEG CENTRAL___STATE_STREET 24147	17.57 0.18 -11.26	17.35 0.34 -5.16	16.53 0.46 -0.79	19.55 0.45 -0.25	19.14 0.40 -0.52	21.38 0.55 -0.39	28.07 0.74 -4.22	26.53 0.88 -3.12	27.93 0.88 -4.34	25.60 0.79 -2.33	24.08 0.78 -1.58	23.47 0.71 -2.01	24.24 0.76 -2.28	25.51 0.85 -2.33	25.87 0.77 -3.00	26.42 0.79 -3.64	28.08 0.85 -4.81	44.24 0.68 -20.71	45.10 0.71 -21.42	44.04 0.71 -20.44	36.33 0.71 -13.56	27.76 0.64 -5.82	23.65 0.40 -6.58	26.12 0.51 -4.35
NEG MILLWOOD___DRP 24198	27.57 0.45 -20.99	23.60 0.88 -10.87	22.28 1.09 -5.91	22.06 1.36 -1.86	23.32 1.22 -3.88	24.81 1.45 -2.93	31.60 1.71 -6.78	35.34 1.58 -11.23	34.30 1.66 -9.94	32.43 1.66 -8.28	34.84 1.67 -11.45	36.76 1.50 -14.51	39.29 1.61 -16.48	40.93 1.74 -16.85	45.63 1.86 -21.66	50.15 1.85 -26.30	53.09 1.95 -28.72	63.60 1.92 -38.84	63.39 1.84 -38.58	60.24 1.76 -35.58	55.07 1.70 -31.31	37.44 1.55 -14.59	34.47 1.20 -16.60	28.63 1.53 -5.84
NEG NORTH_FLCN_SEA 23793	4.52 -0.21 1.39	10.85 -0.39 0.61	14.89 -0.40 0.00	18.32 -0.53 0.00	17.97 -0.26 0.00	20.29 -0.14 0.00	22.52 -0.05 0.55	22.43 0.16 0.26	22.40 0.18 0.49	22.45 0.16 0.19	21.89 0.17 0.00	20.98 0.23 0.00	21.42 0.21 0.00	22.51 0.18 0.00	22.39 0.29 0.00	22.24 0.24 0.00	22.53 0.22 0.11	18.23 0.36 4.98	18.01 0.32 5.28	18.09 0.30 5.10	19.09 0.11 3.09	19.96 -0.06 1.27	15.04 -0.20 1.43	19.73 -0.34 1.19
NEG NORTH_KES_CHATEGAY 23792	4.65 -0.26 1.22	10.86 -0.46 0.54	14.78 -0.50 0.00	18.20 -0.64 0.00	17.86 -0.36 0.00	20.15 -0.29 0.00	22.40 -0.23 0.48	22.24 -0.07 0.23	22.23 -0.05 0.43	22.25 -0.07 0.17	21.69 -0.02 0.00	20.77 0.02 0.00	21.20 0.00 0.00	22.29 -0.04 0.00	22.15 0.04 0.00	22.02 0.02 0.00	22.32 0.00 0.10	17.34 0.14 5.64	17.09 0.09 5.97	17.19 0.07 5.78	18.46 -0.11 3.49	19.60 -0.25 1.44	14.72 -0.33 1.62	19.43 -0.49 1.34
NEG NORTH___ALICE_FALLS 23915	4.56 -0.21 1.36	10.86 -0.39 0.60	14.89 -0.40 0.00	18.32 -0.53 0.00	17.99 -0.24 0.00	20.33 -0.10 0.00	22.55 -0.02 0.54	22.44 0.16 0.25	22.41 0.18 0.48	22.45 0.16 0.19	21.89 0.17 0.00	20.98 0.23 0.00	21.42 0.21 0.00	22.51 0.18 0.00	22.41 0.31 0.00	22.26 0.26 0.00	22.56 0.25 0.11	18.17 0.41 5.09	17.93 0.35 5.39	18.03 0.34 5.21	19.05 0.13 3.15	19.95 -0.04 1.30	15.03 -0.18 1.46	19.73 -0.32 1.21
NEG NORTH___LWR_SARANAC 23913	4.56 -0.21 1.36	10.86 -0.39 0.60	14.89 -0.40 0.00	18.32 -0.53 0.00	17.99 -0.24 0.00	20.33 -0.10 0.00	22.55 -0.02 0.54	22.44 0.16 0.25	22.41 0.18 0.48	22.45 0.16 0.19	21.89 0.17 0.00	20.98 0.23 0.00	21.42 0.21 0.00	22.51 0.18 0.00	22.41 0.31 0.00	22.26 0.26 0.00	22.56 0.25 0.11	18.17 0.41 5.09	17.93 0.35 5.39	18.03 0.34 5.21	19.05 0.13 3.15	19.95 -0.04 1.30	15.03 -0.18 1.46	19.73 -0.32 1.21
NEG NORTH___PLATTSBURG 23628	4.56 -0.21 1.36	10.86 -0.39 0.60	14.89 -0.40 0.00	18.32 -0.53 0.00	17.99 -0.24 0.00	20.33 -0.10 0.00	22.55 -0.02 0.54	22.44 0.16 0.25	22.41 0.18 0.48	22.45 0.16 0.19	21.89 0.17 0.00	20.98 0.23 0.00	21.42 0.21 0.00	22.51 0.18 0.00	22.41 0.31 0.00	22.26 0.26 0.00	22.56 0.25 0.11	18.17 0.41 5.09	17.93 0.35 5.39	18.03 0.34 5.21	19.05 0.13 3.15	19.95 -0.04 1.30	15.03 -0.18 1.46	19.73 -0.32 1.21
NEG WEST_LEA_LOCKPORT 23791	17.64 -0.12 -11.63	17.01 -0.21 -5.37	16.16 -0.09 -0.97	19.04 -0.11 -0.30	18.64 -0.22 -0.63	20.77 -0.14 -0.48	27.04 -0.39 -4.32	25.32 -0.59 -3.37	26.70 -0.52 -4.52	24.48 -0.52 -2.52	22.97 -0.63 -1.88	22.41 -0.73 -2.38	23.32 -0.59 -2.71	24.52 -0.58 -2.77	24.69 -0.97 -3.56	25.33 -0.99 -4.32	27.03 -0.96 -5.58	41.12 -1.33 -19.60	42.01 -1.45 -20.48	41.21 -1.28 -19.60	35.24 -0.77 -13.94	26.53 -0.79 -6.03	23.06 -0.42 -6.81	25.25 -0.36 -4.35
NEG WEST___LANCASTER 23811	17.84 -0.23 -11.94	16.98 -0.43 -5.55	16.00 -0.41 -1.13	18.71 -0.49 -0.36	18.40 -0.57 -0.74	20.48 -0.51 -0.56	26.73 -0.79 -4.41	25.40 -0.77 -3.64	26.70 -0.70 -4.70	24.54 -0.65 -2.71	23.11 -0.80 -2.20	22.65 -0.89 -2.79	23.61 -0.76 -3.17	24.81 -0.76 -3.24	25.19 -1.08 -4.16	25.95 -1.10 -5.06	27.75 -1.05 -6.38	41.58 -1.42 -20.15	42.79 -1.15 -20.97	41.67 -1.26 -20.03	35.68 -0.91 -14.52	26.60 -1.00 -6.31	23.19 -0.62 -7.13	24.93 -0.72 -4.40



NEG_PENN_ALLEGHNY 23528	19.70 0.12 -13.45	18.53 0.24 -6.44	17.56 0.35 -1.93	19.89 0.43 -0.61	19.85 0.36 -1.26	21.90 0.51 -0.96	28.51 0.60 -4.80	28.00 0.56 -4.91	28.85 0.57 -5.57	26.69 0.56 -3.64	25.96 0.50 -3.75	25.89 0.39 -4.75	27.06 0.47 -5.39	28.40 0.56 -5.51	29.66 0.46 -7.09	31.04 0.44 -8.60	33.25 0.54 -10.30	47.19 0.39 -23.95	47.94 0.44 -24.54	46.51 0.43 -23.18	40.10 0.48 -17.55	29.54 0.45 -7.80	25.91 0.40 -8.84	26.45 0.53 -4.66
NEG__GEN_MONROE 24207	17.54 0.15 -11.26	17.30 0.30 -5.15	16.55 0.49 -0.77	19.71 0.62 -0.24	19.28 0.55 -0.51	21.55 0.73 -0.38	28.22 0.88 -4.23	26.21 0.61 -3.07	27.58 0.57 -4.31	25.29 0.52 -2.29	23.68 0.46 -1.51	22.98 0.31 -1.91	23.78 0.40 -2.17	24.96 0.40 -2.22	25.14 0.18 -2.86	25.66 0.20 -3.47	27.25 0.20 -4.63	43.30 0.02 -20.43	44.17 -0.02 -21.22	43.19 0.05 -20.25	35.63 0.18 -13.40	27.22 0.17 -5.75	23.32 0.15 -6.50	25.88 0.32 -4.31
NEPA__ENERGY 23901	18.15 0.06 -11.96	17.56 0.14 -5.56	16.76 0.34 -1.14	19.60 0.40 -0.36	19.26 0.29 -0.75	21.43 0.43 -0.57	27.82 0.30 -4.41	26.53 0.34 -3.66	27.85 0.43 -4.71	25.68 0.47 -2.72	24.22 0.28 -2.22	23.69 0.13 -2.82	24.68 0.27 -3.20	25.94 0.34 -3.27	26.31 0.00 -4.21	26.97 -0.13 -5.11	28.83 -0.04 -6.46	42.50 -0.43 -20.09	43.54 -0.34 -20.92	42.57 -0.32 -19.99	36.71 0.07 -14.58	27.57 -0.06 -6.34	23.90 0.07 -7.17	25.83 0.17 -4.40
NEVERSINK__HYD 23608	26.70 0.45 -20.12	23.12 0.91 -10.36	21.80 1.07 -5.45	21.90 1.34 -1.71	22.87 1.07 -3.57	24.54 1.41 -2.70	31.31 1.64 -6.55	34.56 1.53 -10.49	33.70 1.57 -9.43	31.77 1.55 -7.74	33.74 1.48 -10.55	35.46 1.35 -13.36	37.14 0.76 -15.18	38.68 0.83 -15.52	42.99 0.93 -19.95	47.15 0.92 -24.23	50.88 1.14 -27.32	61.70 1.12 -37.74	61.60 1.08 -37.55	58.55 0.98 -34.67	53.81 1.48 -30.26	36.71 1.34 -14.07	33.81 1.13 -16.01	28.52 1.51 -5.75
NEWTON__FALLS_HYD 23847	9.79 -0.16 -3.82	13.25 -0.33 -1.73	15.02 -0.44 -0.19	18.32 -0.58 -0.06	17.83 -0.51 -0.12	19.97 -0.55 -0.09	24.03 -0.53 -1.45	22.82 -0.65 -0.94	23.40 -0.73 -1.42	22.52 -0.72 -0.76	21.31 -0.76 -0.36	20.50 -0.71 -0.45	20.97 -0.74 -0.51	22.06 -0.80 -0.52	22.09 -0.69 -0.67	22.13 -0.68 -0.82	22.97 -0.65 -1.20	62.58 -0.57 -40.30	65.03 -0.55 -42.61	63.48 -0.55 -41.14	46.75 -0.51 -25.19	31.33 -0.41 -10.44	28.10 -0.32 -11.75	30.46 -0.30 -9.50
NGRID_A1_DSASP 323792	17.44 -0.34 -11.65	16.61 -0.62 -5.37	15.64 -0.61 -0.97	18.38 -0.75 -0.29	18.01 -0.84 -0.63	20.02 -0.88 -0.47	26.15 -1.27 -4.32	24.43 -1.49 -3.39	25.82 -1.41 -4.52	23.59 -1.42 -2.52	22.12 -1.50 -1.90	21.65 -1.51 -2.41	22.55 -1.40 -2.74	23.71 -1.43 -2.80	23.86 -1.86 -3.61	24.52 -1.87 -4.39	26.25 -1.86 -5.69	40.04 -2.22 -19.41	40.86 -2.39 -20.28	40.14 -2.20 -19.44	34.37 -1.63 -13.93	25.75 -1.55 -6.01	22.46 -1.00 -6.79	24.46 -1.13 -4.33
NGRID_A2_DSASP 323793	17.44 -0.34 -11.65	16.61 -0.62 -5.37	15.64 -0.61 -0.97	18.38 -0.75 -0.29	18.01 -0.84 -0.63	20.02 -0.88 -0.47	26.15 -1.27 -4.32	24.43 -1.49 -3.39	25.82 -1.41 -4.52	23.59 -1.42 -2.52	22.12 -1.50 -1.90	21.65 -1.51 -2.41	22.55 -1.40 -2.74	23.71 -1.43 -2.80	23.86 -1.86 -3.61	24.52 -1.87 -4.39	26.25 -1.86 -5.69	40.04 -2.22 -19.41	40.86 -2.39 -20.28	40.14 -2.20 -19.44	34.37 -1.63 -13.93	25.75 -1.55 -6.01	22.46 -1.00 -6.79	24.46 -1.13 -4.33
NGRID_A4_DSASP 323807	17.44 -0.34 -11.65	16.61 -0.62 -5.37	15.64 -0.61 -0.97	18.38 -0.75 -0.29	18.01 -0.84 -0.63	20.02 -0.88 -0.47	26.15 -1.27 -4.32	24.43 -1.49 -3.39	25.82 -1.41 -4.52	23.59 -1.42 -2.52	22.12 -1.50 -1.90	21.65 -1.51 -2.41	22.55 -1.40 -2.74	23.71 -1.43 -2.80	23.86 -1.86 -3.61	24.52 -1.87 -4.39	26.25 -1.86 -5.69	40.04 -2.22 -19.41	40.86 -2.39 -20.28	40.14 -2.20 -19.44	34.37 -1.63 -13.93	25.75 -1.55 -6.01	22.46 -1.00 -6.79	24.46 -1.13 -4.33
NIAGARA_115E_LBMP 323715	17.58 -0.22 -11.67	16.84 -0.40 -5.39	15.94 -0.34 -0.99	18.76 -0.40 -0.31	18.36 -0.51 -0.65	20.43 -0.49 -0.49	26.66 -0.79 -4.34	24.95 -0.99 -3.41	26.32 -0.93 -4.54	24.11 -0.92 -2.55	22.62 -1.02 -1.93	22.12 -1.08 -2.44	23.03 -0.95 -2.78	24.21 -0.96 -2.84	24.38 -1.37 -3.65	25.02 -1.41 -4.43	26.70 -1.41 -5.70	40.66 -1.76 -19.58	41.52 -1.91 -20.45	40.76 -1.72 -19.58	34.88 -1.19 -14.01	26.18 -1.17 -6.06	22.82 -0.70 -6.85	24.91 -0.70 -4.36
NIAGARA_115W_LBMP 323714	17.41 -0.36 -11.65	16.56 -0.66 -5.37	15.58 -0.67 -0.97	18.31 -0.83 -0.29	17.92 -0.93 -0.63	19.92 -0.98 -0.47	26.06 -1.36 -4.32	24.32 -1.60 -3.39	25.68 -1.54 -4.52	23.47 -1.53 -2.52	22.01 -1.61 -1.90	21.55 -1.62 -2.41	22.44 -1.50 -2.74	23.60 -1.54 -2.80	23.75 -1.97 -3.61	24.41 -1.98 -4.39	26.14 -1.97 -5.69	39.93 -2.33 -19.41	40.75 -2.50 -20.28	40.03 -2.31 -19.44	34.25 -1.74 -13.93	25.64 -1.66 -6.01	22.38 -1.08 -6.79	24.36 -1.23 -4.33
NIAGARA_230_LBMP 323716	17.65 -0.15 -11.67	16.98 -0.26 -5.39	16.10 -0.17 -0.99	18.97 -0.19 -0.31	18.58 -0.29 -0.65	20.68 -0.24 -0.49	26.91 -0.53 -4.34	25.20 -0.74 -3.41	26.57 -0.68 -4.54	24.35 -0.67 -2.54	22.85 -0.78 -1.92	22.33 -0.85 -2.43	23.24 -0.72 -2.76	24.44 -0.72 -2.82	24.61 -1.13 -3.63	25.26 -1.14 -4.41	26.97 -1.12 -5.67	40.82 -1.46 -19.43	41.66 -1.61 -20.30	40.94 -1.42 -19.46	35.11 -0.91 -13.95	26.43 -0.89 -6.03	23.00 -0.48 -6.81	25.14 -0.47 -4.35
NIAGARA____ 23760	17.52 -0.28 -11.66	16.73 -0.51 -5.38	15.77 -0.49 -0.98	18.58 -0.56 -0.30	18.19 -0.67 -0.64	20.24 -0.67 -0.48	26.51 -0.93 -4.33	24.88 -1.06 -3.40	26.27 -0.98 -4.54	24.05 -0.97 -2.54	22.55 -1.09 -1.92	22.04 -1.14 -2.43	22.95 -1.02 -2.76	24.13 -1.03 -2.82	24.30 -1.44 -3.63	24.93 -1.47 -4.41	26.67 -1.44 -5.68	40.53 -1.78 -19.47	41.38 -1.93 -20.34	40.63 -1.76 -19.49	34.82 -1.21 -13.97	26.16 -1.17 -6.03	22.74 -0.75 -6.82	24.73 -0.87 -4.35
NINE_MILE_1 23575	16.63 -0.07 -10.57	16.46 -0.13 -4.74	15.53 -0.15 -0.40	18.78 -0.19 -0.13	18.28 -0.20 -0.26	20.45 -0.18 -0.20	27.00 -0.16 -4.05	24.80 -0.20 -2.47	26.40 -0.20 -3.90	24.11 -0.22 -1.85	22.27 -0.22 -0.77	21.50 -0.23 -0.98	22.10 -0.21 -1.11	23.27 -0.20 -1.14	23.33 -0.24 -1.46	23.55 -0.22 -1.78	24.93 -0.25 -2.76	41.01 -0.32 -18.49	42.04 -0.32 -19.39	41.21 -0.32 -18.63	33.71 -0.31 -11.96	26.04 -0.30 -5.05	22.16 -0.20 -5.69	25.17 -0.25 -4.17
NINE_MILE_2 23744	16.63 -0.07 -10.57	16.46 -0.13 -4.74	15.53 -0.15 -0.40	18.78 -0.19 -0.13	18.28 -0.20 -0.26	20.45 -0.18 -0.20	27.00 -0.16 -4.05	24.80 -0.20 -2.47	26.40 -0.20 -3.90	24.11 -0.22 -1.85	22.27 -0.22 -0.77	21.50 -0.23 -0.98	22.10 -0.21 -1.11	23.27 -0.20 -1.14	23.33 -0.24 -1.46	23.55 -0.22 -1.78	24.93 -0.25 -2.76	41.01 -0.32 -18.49	42.04 -0.32 -19.39	41.21 -0.32 -18.63	33.71 -0.31 -11.96	26.04 -0.30 -5.05	22.16 -0.20 -5.69	25.17 -0.25 -4.17
NM_CAPITAL__DRP 24208	30.77 0.13 -24.51	25.02 0.25 -12.92	23.35 0.37 -7.70	21.74 0.47 -2.42	23.76 0.49 -5.05	24.78 0.53 -3.81	31.39 0.55 -7.72	37.20 0.54 -14.13	35.26 0.59 -11.96	33.47 0.58 -10.41	37.22 0.56 -14.95	40.21 0.52 -18.94	43.28 0.57 -21.51	44.93 0.60 -21.99	51.07 0.69 -28.28	57.01 0.68 -34.33	61.07 0.72 -37.94	69.94 0.68 -46.41	69.30 0.69 -45.64	65.45 0.71 -41.84	61.07 0.71 -38.30	39.95 0.64 -18.02	37.59 0.40 -20.52	28.25 0.49 -6.50



NM_CENTRAL___DRP 24181	17.00 0.06 -10.81	16.87 0.12 -4.89	16.02 0.17 -0.57	19.25 0.23 -0.18	18.78 0.18 -0.37	20.98 0.26 -0.28	27.60 0.39 -4.10	25.58 0.34 -2.71	27.07 0.32 -4.04	24.82 0.31 -2.03	23.08 0.28 -1.08	22.35 0.23 -1.37	23.04 0.27 -1.56	24.27 0.34 -1.59	24.42 0.27 -2.05	24.75 0.26 -2.49	26.25 0.29 -3.54	42.76 0.21 -19.71	43.82 0.18 -20.66	42.91 0.21 -19.81	35.22 0.20 -12.96	27.00 0.19 -5.51	23.06 0.17 -6.22	25.86 0.23 -4.37
NM_FRONTIER___DRP 24179	17.41 -0.36 -11.65	16.56 -0.66 -5.37	15.58 -0.67 -0.97	18.31 -0.83 -0.29	17.92 -0.93 -0.63	19.92 -0.98 -0.47	26.06 -1.36 -4.32	24.32 -1.60 -3.39	25.68 -1.54 -4.52	23.47 -1.53 -2.52	22.01 -1.61 -1.90	21.55 -1.62 -2.41	22.44 -1.50 -2.74	23.60 -1.54 -2.80	23.75 -1.97 -3.61	24.41 -1.98 -4.39	26.14 -1.97 -5.69	39.93 -2.33 -19.41	40.75 -2.50 -20.28	40.03 -2.31 -19.44	34.25 -1.74 -13.93	25.64 -1.66 -6.01	22.38 -1.08 -6.79	24.36 -1.23 -4.33
NM_ST_REGIS___HYD 24053	6.22 -0.26 -0.34	11.49 -0.51 -0.15	14.63 -0.66 0.00	18.03 -0.81 0.00	17.58 -0.64 0.00	19.74 -0.69 0.00	22.48 -0.76 -0.14	21.74 -0.86 -0.06	21.94 -0.89 -0.12	21.65 -0.90 -0.07	20.85 -0.87 0.00	19.96 -0.79 0.00	20.36 -0.85 0.00	21.40 -0.94 0.00	21.31 -0.79 0.00	21.18 -0.81 0.00	21.63 -0.83 -0.04	10.50 -0.68 11.67	9.90 -0.71 12.35	10.24 -0.71 11.94	14.07 -0.77 7.22	17.65 -0.66 2.98	12.75 -0.57 3.35	17.88 -0.60 2.78
NORTHPORT___1 23551	27.62 0.59 -20.90	23.75 1.08 -10.82	22.45 1.30 -5.86	22.24 1.55 -1.85	23.54 1.48 -3.84	25.22 1.88 -2.90	31.28 1.41 -6.76	34.83 1.15 -11.15	33.19 0.84 -9.64	32.01 1.30 -8.23	31.08 0.93 -8.43	31.11 0.79 -9.57	32.84 0.83 -10.81	39.98 0.94 -16.70	44.56 0.97 -21.48	44.72 0.86 -21.87	52.05 1.14 -28.49	62.64 1.14 -38.65	62.41 1.03 -38.41	59.17 0.85 -35.43	54.28 1.08 -31.13	37.31 1.51 -14.50	33.78 0.62 -16.49	28.08 1.00 -5.83
NORTHPORT___2 23552	27.62 0.59 -20.90	23.75 1.08 -10.82	22.45 1.30 -5.86	22.24 1.55 -1.85	23.54 1.48 -3.84	25.22 1.88 -2.90	31.28 1.41 -6.76	34.83 1.15 -11.15	33.19 0.84 -9.64	32.01 1.30 -8.23	31.08 0.93 -8.43	31.11 0.79 -9.57	32.84 0.83 -10.81	39.98 0.94 -16.70	44.56 0.97 -21.48	44.72 0.86 -21.87	52.05 1.14 -28.49	62.64 1.14 -38.65	62.41 1.03 -38.41	59.17 0.85 -35.43	54.28 1.08 -31.13	37.31 1.51 -14.50	33.78 0.62 -16.49	28.08 1.00 -5.83
NORTHPORT___3 23553	27.57 0.54 -20.90	23.65 0.98 -10.82	22.32 1.18 -5.86	22.10 1.41 -1.85	23.38 1.31 -3.84	25.01 1.68 -2.90	31.14 1.27 -6.76	34.66 0.99 -11.14	33.13 0.79 -9.63	31.90 1.19 -8.23	31.09 0.93 -8.44	31.15 0.81 -9.59	32.87 0.83 -10.84	39.97 0.94 -16.70	44.57 1.00 -21.47	44.79 0.90 -21.89	52.09 1.19 -28.48	62.66 1.16 -38.65	62.41 1.03 -38.40	59.18 0.87 -35.42	54.25 1.06 -31.12	37.13 1.34 -14.49	33.75 0.60 -16.48	27.96 0.87 -5.83
NORTHPORT___4 23650	27.57 0.54 -20.90	23.65 0.98 -10.82	22.32 1.18 -5.86	22.10 1.41 -1.85	23.38 1.31 -3.84	25.01 1.68 -2.90	31.14 1.27 -6.76	34.66 0.99 -11.14	33.13 0.79 -9.63	31.90 1.19 -8.23	31.09 0.93 -8.44	31.15 0.81 -9.59	32.87 0.83 -10.84	39.97 0.94 -16.70	44.57 1.00 -21.47	44.79 0.90 -21.89	52.09 1.19 -28.48	62.66 1.16 -38.65	62.41 1.03 -38.40	59.18 0.87 -35.42	54.25 1.06 -31.12	37.13 1.34 -14.49	33.75 0.60 -16.48	27.96 0.87 -5.83
NORTHPORT___IC 23718	27.62 0.59 -20.90	23.75 1.08 -10.82	22.45 1.30 -5.86	22.24 1.55 -1.85	23.54 1.48 -3.84	25.22 1.88 -2.90	31.28 1.41 -6.76	34.83 1.15 -11.15	33.19 0.84 -9.64	32.01 1.30 -8.23	31.08 0.93 -8.43	31.11 0.79 -9.57	32.84 0.83 -10.81	39.98 0.94 -16.70	44.56 0.97 -21.48	44.72 0.86 -21.87	52.05 1.14 -28.49	62.64 1.14 -38.65	62.41 1.03 -38.41	59.17 0.85 -35.43	54.28 1.08 -31.13	37.31 1.51 -14.50	33.78 0.62 -16.49	28.08 1.00 -5.83
NORTH___COUNTRY_ESR 323785	4.64 -0.28 1.22	10.82 -0.50 0.53	14.73 -0.55 0.00	18.17 -0.68 0.00	17.80 -0.42 0.00	20.09 -0.35 0.00	22.33 -0.30 0.48	22.17 -0.13 0.23	22.19 -0.09 0.43	22.21 -0.11 0.17	21.63 -0.09 0.00	20.73 -0.02 0.00	21.16 -0.04 0.00	22.25 -0.09 0.00	22.11 0.00 0.00	21.95 -0.04 0.00	22.26 -0.07 0.09	17.26 0.07 5.66	17.00 0.02 5.99	17.11 0.00 5.79	18.36 -0.20 3.50	19.53 -0.32 1.44	14.66 -0.38 1.62	19.38 -0.53 1.35
NPX_GEN_1385_PROXY 323591	27.52 0.49 -20.90	23.58 0.91 -10.82	22.20 1.05 -5.86	22.16 1.47 -1.85	23.54 1.48 -3.84	25.57 1.88 -3.26	30.92 1.41 -6.40	34.90 1.22 -11.15	32.84 0.50 -9.64	28.17 0.81 -4.88	27.63 0.46 -5.46	27.59 0.35 -6.48	27.94 0.36 -6.38	28.82 0.47 -6.02	29.65 0.51 -7.04	32.68 0.37 -10.31	44.02 0.67 -20.93	47.21 0.68 -23.68	52.70 0.55 -29.18	53.30 0.37 -30.04	48.70 0.60 -26.04	37.35 1.55 -14.50	32.96 0.37 -15.92	27.96 0.87 -5.83
NPX_GEN_CSC 323557	27.62 0.59 -20.90	23.71 1.04 -10.82	22.37 1.22 -5.86	22.16 1.47 -1.85	23.47 1.40 -3.84	25.51 1.82 -3.26	30.69 1.18 -6.40	34.67 0.99 -11.15	32.96 0.61 -9.64	31.86 1.15 -8.23	31.06 0.87 -8.48	31.13 0.73 -9.65	32.91 0.81 -10.90	40.00 0.96 -16.70	44.60 1.02 -21.48	44.77 0.88 -21.90	52.16 1.25 -28.49	62.80 1.30 -38.65	62.57 1.19 -38.41	59.33 1.01 -35.43	54.45 1.26 -31.13	37.50 1.70 -14.50	33.81 0.65 -16.49	28.00 0.91 -5.83
NSINS_S___GLNS_FALLS 23858	32.05 0.13 -25.78	25.77 0.26 -13.65	23.96 0.35 -8.33	21.84 0.38 -2.62	24.08 0.40 -5.46	24.97 0.41 -4.13	31.82 0.65 -8.07	38.62 0.74 -15.34	36.25 0.73 -12.82	34.41 0.63 -11.30	38.75 0.63 -16.40	42.18 0.64 -20.79	45.49 0.68 -23.61	47.10 0.62 -24.14	53.85 0.71 -31.04	60.45 0.77 -37.68	64.89 0.83 -41.64	72.98 0.87 -49.26	72.07 1.01 -48.10	68.06 1.14 -44.02	63.91 1.15 -40.70	41.53 1.04 -19.20	39.12 0.58 -21.86	28.57 0.57 -6.74
NUCOR_STEEL___DRP 24197	17.49 0.17 -11.20	17.27 0.30 -5.12	16.46 0.41 -0.76	19.61 0.53 -0.24	19.18 0.46 -0.50	21.42 0.61 -0.38	28.10 0.79 -4.21	26.37 0.77 -3.08	27.76 0.75 -4.30	25.46 0.67 -2.30	23.89 0.65 -1.53	23.29 0.60 -1.94	24.02 0.62 -2.20	25.30 0.71 -2.25	25.64 0.64 -2.89	26.14 0.64 -3.51	27.80 0.72 -4.67	43.90 0.55 -20.51	44.55 0.57 -21.00	43.54 0.57 -20.07	36.09 0.57 -13.45	27.60 0.53 -5.77	23.62 0.43 -6.52	26.15 0.55 -4.34
NUMBER_THREE_WT_PWR 323818	13.41 0.01 -7.27	15.12 0.01 -3.26	15.52 -0.02 -0.26	18.89 -0.04 -0.08	18.37 -0.02 -0.17	20.60 0.04 -0.13	26.08 0.18 -2.79	24.25 0.05 -1.67	25.33 -0.05 -2.67	23.84 0.00 -1.36	22.12 -0.09 -0.49	21.28 -0.10 -0.63	21.81 -0.11 -0.71	22.95 -0.11 -0.73	23.02 -0.02 -0.93	23.13 0.00 -1.13	24.32 0.07 -1.83	50.56 0.11 -27.60	52.23 0.14 -29.12	51.12 0.14 -28.08	39.68 0.20 -17.42	28.78 0.23 -7.26	25.06 0.22 -8.17	28.00 0.32 -6.43
NYISO_LBMP_REFERENCE 24008	6.13 0.00 0.00	11.85 0.00 0.00	15.28 0.00 0.00	18.84 0.00 0.00	18.22 0.00 0.00	20.43 0.00 0.00	23.11 0.00 0.00	22.53 0.00 0.00	22.71 0.00 0.00	22.48 0.00 0.00	21.72 0.00 0.00	20.75 0.00 0.00	21.20 0.00 0.00	22.34 0.00 0.00	22.11 0.00 0.00	22.00 0.00 0.00	22.42 0.00 0.00	22.85 0.00 0.00	22.97 0.00 0.00	22.90 0.00 0.00	22.06 0.00 0.00	21.29 0.00 0.00	16.67 0.00 0.00	21.26 0.00 0.00



NYPA_BRENTWD____GT 24164	27.69 0.66 -20.90	23.86 1.20 -10.82	22.60 1.45 -5.86	22.40 1.71 -1.85	23.71 1.64 -3.84	25.40 2.06 -2.90	31.51 1.64 -6.76	35.15 1.46 -11.15	33.48 1.13 -9.64	32.31 1.60 -8.23	31.53 1.28 -8.53	31.62 1.12 -9.74	33.38 1.17 -11.01	40.33 1.29 -16.70	44.76 1.17 -21.48	44.92 0.99 -21.93	52.23 1.32 -28.49	62.82 1.32 -38.65	62.60 1.22 -38.41	59.35 1.03 -35.43	54.45 1.26 -31.13	37.69 1.89 -14.50	34.03 0.87 -16.49	28.36 1.28 -5.83
NYPA_GOWANUS____GT5 24156	27.54 0.52 -20.90	23.65 0.98 -10.81	22.35 1.21 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
NYPA_GOWANUS____GT6 24157	27.54 0.52 -20.90	23.65 0.98 -10.81	22.35 1.21 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83
NYPA_HARLEM__RVR__GT1 24160	27.56 0.52 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.26 1.56 -1.85	23.50 1.42 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.26 1.58 -11.16	34.26 1.68 -9.87	32.43 1.73 -8.22	34.71 1.65 -11.35	36.59 1.45 -14.38	39.08 1.55 -16.33	40.67 1.63 -16.70	45.26 1.68 -21.48	49.57 1.50 -26.08	52.56 1.66 -28.48	63.13 1.65 -38.64	62.93 1.56 -38.40	59.78 1.47 -35.42	54.60 1.41 -31.12	37.00 1.21 -14.49	34.45 1.28 -16.50	28.84 1.74 -5.84
NYPA_HARLEM__RVR__GT2 24161	27.56 0.52 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.26 1.56 -1.85	23.50 1.42 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.26 1.58 -11.16	34.26 1.68 -9.87	32.43 1.73 -8.22	34.71 1.65 -11.35	36.59 1.45 -14.38	39.08 1.55 -16.33	40.67 1.63 -16.70	45.26 1.68 -21.48	49.57 1.50 -26.08	52.56 1.66 -28.48	63.13 1.65 -38.64	62.93 1.56 -38.40	59.78 1.47 -35.42	54.60 1.41 -31.12	37.00 1.21 -14.49	34.45 1.28 -16.50	28.84 1.74 -5.84
NYPA_KENT____GT 24152	27.53 0.50 -20.90	23.64 0.97 -10.81	22.34 1.19 -5.86	22.18 1.49 -1.84	23.42 1.35 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.29 1.60 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.20 1.65 -16.34	40.76 1.72 -16.71	45.38 1.79 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.20 1.71 -38.65	62.98 1.61 -38.40	59.80 1.49 -35.42	54.71 1.52 -31.12	37.14 1.34 -14.50	34.38 1.22 -16.50	28.74 1.66 -5.83
NYPA_POUCH1____GT 24155	27.57 0.55 -20.90	23.71 1.04 -10.81	22.43 1.28 -5.86	22.27 1.58 -1.84	23.51 1.44 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.03 1.35 -11.15	34.10 1.52 -9.87	32.37 1.66 -8.23	34.56 1.50 -11.35	36.46 1.33 -14.38	39.02 1.48 -16.33	40.58 1.54 -16.70	45.18 1.59 -21.48	49.46 1.39 -26.08	52.44 1.55 -28.48	62.97 1.48 -38.64	62.75 1.38 -38.40	59.57 1.26 -35.42	54.51 1.32 -31.12	36.94 1.15 -14.50	34.28 1.12 -16.50	28.85 1.76 -5.83
NYPA_VERNON____GT2 24162	27.52 0.49 -20.90	23.62 0.95 -10.81	22.32 1.18 -5.86	22.16 1.47 -1.84	23.40 1.33 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.76 1.72 -16.71	45.36 1.77 -21.49	49.68 1.60 -26.08	52.66 1.75 -28.49	63.23 1.74 -38.65	63.00 1.63 -38.40	59.82 1.51 -35.42	54.69 1.50 -31.12	37.14 1.34 -14.50	34.38 1.22 -16.50	28.70 1.61 -5.83
NYPA_VERNON____GT3 24163	27.52 0.49 -20.90	23.62 0.95 -10.81	22.32 1.18 -5.86	22.16 1.47 -1.84	23.40 1.33 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.76 1.72 -16.71	45.36 1.77 -21.49	49.68 1.60 -26.08	52.66 1.75 -28.49	63.23 1.74 -38.65	63.00 1.63 -38.40	59.82 1.51 -35.42	54.69 1.50 -31.12	37.14 1.34 -14.50	34.38 1.22 -16.50	28.70 1.61 -5.83
NYPA__ASTORIA_CC1 323568	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
NYPA__ASTORIA_CC2 323569	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.29 1.70 -9.88	32.46 1.75 -8.23	34.74 1.67 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.61 1.70 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.64 1.46 -31.12	37.09 1.30 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
NYPA__HOLTSVILL 23794	27.66 0.63 -20.90	23.81 1.14 -10.82	22.51 1.36 -5.86	22.29 1.60 -1.85	23.58 1.51 -3.84	25.28 1.94 -2.90	31.32 1.46 -6.76	34.99 1.31 -11.15	33.30 0.95 -9.64	32.15 1.44 -8.23	31.32 1.13 -8.47	31.39 1.00 -9.64	33.14 1.04 -10.90	40.24 1.21 -16.70	44.82 1.24 -21.48	44.99 1.10 -21.89	52.37 1.46 -28.49	62.96 1.46 -38.65	62.73 1.35 -38.41	59.49 1.17 -35.43	54.61 1.41 -31.13	37.60 1.81 -14.50	33.96 0.80 -16.49	28.21 1.13 -5.83
NYPA__HELLGATE_GT1 24158	27.56 0.52 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.26 1.56 -1.85	23.50 1.42 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.26 1.58 -11.16	34.26 1.68 -9.87	32.43 1.73 -8.22	34.71 1.65 -11.35	36.56 1.43 -14.38	39.08 1.55 -16.33	40.67 1.63 -16.70	45.26 1.68 -21.48	49.57 1.50 -26.08	52.56 1.66 -28.48	63.13 1.65 -38.64	62.93 1.56 -38.40	59.78 1.47 -35.42	54.60 1.41 -31.12	37.00 1.21 -14.49	34.45 1.28 -16.50	28.84 1.74 -5.84
NYPA__HELLGATE_GT2 24159	27.56 0.52 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.26 1.56 -1.85	23.50 1.42 -3.85	24.93 1.59 -2.90	31.72 1.85 -6.76	35.26 1.58 -11.16	34.26 1.68 -9.87	32.43 1.73 -8.22	34.71 1.65 -11.35	36.56 1.43 -14.38	39.08 1.55 -16.33	40.67 1.63 -16.70	45.26 1.68 -21.48	49.57 1.50 -26.08	52.56 1.66 -28.48	63.13 1.65 -38.64	62.93 1.56 -38.40	59.78 1.47 -35.42	54.60 1.41 -31.12	37.00 1.21 -14.49	34.45 1.28 -16.50	28.84 1.74 -5.84
NYS_BARGE__HYD 23848	17.62 -0.12 -11.61	17.00 -0.21 -5.36	16.13 -0.11 -0.96	19.03 -0.11 -0.30	18.63 -0.22 -0.63	20.74 -0.16 -0.47	27.04 -0.39 -4.32	25.31 -0.59 -3.36	26.67 -0.55 -4.51	24.45 -0.54 -2.51	22.93 -0.65 -1.86	22.39 -0.73 -2.36	23.29 -0.59 -2.68	24.50 -0.58 -2.74	24.64 -0.99 -3.53	25.27 -1.01 -4.28	26.97 -0.99 -5.53	41.19 -1.33 -19.67	42.07 -1.45 -20.55	41.27 -1.28 -19.65	35.19 -0.79 -13.92	26.50 -0.81 -6.01	23.05 -0.42 -6.79	25.24 -0.36 -4.35



OAK ORCHARD___HYD 24046	17.52 0.15 -11.24	17.28 0.28 -5.14	16.49 0.44 -0.76	19.63 0.55 -0.24	19.18 0.46 -0.50	21.42 0.61 -0.38	28.05 0.72 -4.22	26.17 0.58 -3.06	27.57 0.57 -4.30	25.28 0.52 -2.28	23.68 0.48 -1.49	23.02 0.37 -1.89	23.82 0.47 -2.15	25.07 0.54 -2.20	25.28 0.35 -2.82	25.80 0.37 -3.43	27.43 0.42 -4.58	43.56 0.25 -20.47	44.41 0.18 -21.26	43.43 0.25 -20.28	35.74 0.31 -13.37	27.31 0.28 -5.74	23.42 0.27 -6.48	26.03 0.47 -4.30
OCC_CHEM___DRP 24175	17.44 -0.34 -11.65	16.61 -0.62 -5.37	15.64 -0.61 -0.97	18.38 -0.75 -0.29	18.01 -0.84 -0.63	20.02 -0.88 -0.47	26.15 -1.27 -4.32	24.43 -1.49 -3.39	25.82 -1.41 -4.52	23.59 -1.42 -2.52	22.12 -1.50 -1.90	21.65 -1.51 -2.41	22.55 -1.40 -2.74	23.71 -1.43 -2.80	23.86 -1.86 -3.61	24.52 -1.87 -4.39	26.25 -1.86 -5.69	40.04 -2.22 -19.41	40.86 -2.39 -20.28	40.14 -2.20 -19.44	34.37 -1.63 -13.93	25.75 -1.55 -6.01	22.46 -1.00 -6.79	24.46 -1.13 -4.33
OH_GEN_PROXY 24063	17.66 -0.14 -11.67	17.00 -0.25 -5.40	16.12 -0.15 -0.99	18.99 -0.17 -0.31	18.60 -0.27 -0.65	21.05 -0.22 -0.85	26.61 -0.49 -3.98	25.25 -0.70 -3.41	26.62 -0.64 -4.55	24.40 -0.63 -2.55	22.91 -0.74 -1.93	22.39 -0.81 -2.44	23.30 -0.68 -2.78	24.50 -0.67 -2.84	24.69 -1.06 -3.65	25.35 -1.08 -4.43	27.06 -1.05 -5.69	40.95 -1.39 -19.50	41.79 -1.54 -20.36	41.06 -1.35 -19.51	35.17 -0.86 -13.97	26.50 -0.83 -6.04	23.04 -0.45 -6.82	25.16 -0.45 -4.35
OLIN_CORP_DRP 24177	17.61 -0.21 -11.69	16.89 -0.37 -5.40	15.98 -0.31 -1.00	18.80 -0.36 -0.31	18.42 -0.45 -0.65	20.48 -0.45 -0.49	26.71 -0.74 -4.34	25.01 -0.95 -3.43	26.37 -0.89 -4.55	24.16 -0.88 -2.55	22.68 -0.98 -1.94	22.18 -1.04 -2.46	23.09 -0.91 -2.80	24.28 -0.92 -2.86	24.46 -1.33 -3.68	25.10 -1.36 -4.46	26.81 -1.34 -5.73	40.73 -1.69 -19.57	41.58 -1.84 -20.45	40.80 -1.67 -19.58	34.95 -1.15 -14.04	26.23 -1.13 -6.07	22.86 -0.67 -6.86	24.96 -0.66 -4.36
OLIN_CORP_DSASP 323712	17.44 -0.34 -11.65	16.61 -0.62 -5.37	15.64 -0.61 -0.97	18.38 -0.75 -0.29	18.01 -0.84 -0.63	20.02 -0.88 -0.47	26.15 -1.27 -4.32	24.43 -1.49 -3.39	25.82 -1.41 -4.52	23.59 -1.42 -2.52	22.12 -1.50 -1.90	21.65 -1.51 -2.41	22.55 -1.40 -2.74	23.71 -1.43 -2.80	23.86 -1.86 -3.61	24.52 -1.87 -4.39	26.25 -1.86 -5.69	40.04 -2.22 -19.41	40.86 -2.39 -20.28	40.14 -2.20 -19.44	34.37 -1.63 -13.93	25.75 -1.55 -6.01	22.46 -1.00 -6.79	24.46 -1.13 -4.33
ONEIDA_HERK_LFGE 323681	16.01 0.09 -9.79	16.38 0.18 -4.35	15.73 0.21 -0.23	19.24 0.32 -0.07	18.68 0.31 -0.15	20.95 0.41 -0.11	27.45 0.55 -3.79	25.05 0.41 -2.11	26.61 0.36 -3.55	24.33 0.29 -1.55	22.37 0.22 -0.44	21.48 0.17 -0.56	22.03 0.19 -0.64	23.21 0.22 -0.65	23.21 0.27 -0.84	23.30 0.29 -1.01	24.63 0.34 -1.87	45.33 0.34 -22.14	46.68 0.37 -23.35	45.76 0.37 -22.50	36.47 0.40 -14.01	27.52 0.38 -5.85	23.62 0.37 -6.58	26.86 0.47 -5.14
ONONDAGA_REF_OCCRA 23987	17.25 0.07 -11.05	17.03 0.14 -5.04	16.17 0.20 -0.69	19.33 0.26 -0.22	18.90 0.22 -0.45	21.10 0.33 -0.34	27.71 0.44 -4.17	25.86 0.41 -2.92	27.28 0.39 -4.19	25.02 0.36 -2.18	23.40 0.35 -1.34	22.74 0.29 -1.70	23.47 0.34 -1.93	24.69 0.38 -1.97	24.95 0.31 -2.54	25.41 0.33 -3.08	26.97 0.36 -4.19	43.20 0.28 -20.08	44.20 0.28 -20.96	43.22 0.28 -20.05	35.67 0.29 -13.32	27.25 0.26 -5.70	23.32 0.22 -6.43	25.92 0.30 -4.37
ONONDAGA___COGEN 23986	17.16 0.09 -10.95	17.00 0.17 -4.98	16.16 0.23 -0.64	19.35 0.30 -0.20	18.90 0.25 -0.42	21.10 0.35 -0.32	27.71 0.46 -4.14	25.83 0.43 -2.87	27.27 0.41 -4.15	25.01 0.38 -2.15	23.36 0.37 -1.28	22.69 0.31 -1.62	23.38 0.34 -1.84	24.62 0.40 -1.88	24.88 0.35 -2.42	25.29 0.35 -2.94	26.84 0.38 -4.04	43.01 0.28 -19.89	43.98 0.30 -20.71	43.02 0.30 -19.82	35.45 0.29 -13.10	27.16 0.28 -5.59	23.23 0.25 -6.31	25.91 0.32 -4.34
ONTARIO___LFGE 23819	17.78 0.17 -11.48	17.46 0.32 -5.28	16.65 0.47 -0.90	19.75 0.62 -0.28	19.36 0.55 -0.59	21.65 0.78 -0.44	28.34 0.95 -4.28	26.64 0.83 -3.27	27.97 0.82 -4.44	25.69 0.76 -2.44	24.19 0.72 -1.76	23.59 0.60 -2.23	24.44 0.70 -2.53	25.71 0.78 -2.59	26.08 0.64 -3.33	26.65 0.62 -4.04	28.40 0.72 -5.26	45.31 0.53 -21.94	46.17 0.57 -22.62	45.01 0.64 -21.48	36.59 0.66 -13.86	27.85 0.58 -5.98	23.95 0.52 -6.76	26.34 0.72 -4.36
ORANGEVILLE_WT_PWR 323706	18.08 -0.05 -12.00	17.37 -0.07 -5.59	16.51 0.06 -1.16	19.31 0.09 -0.37	18.98 0.00 -0.76	21.17 0.16 -0.58	27.55 0.02 -4.42	26.13 -0.09 -3.69	27.42 -0.02 -4.73	25.23 0.00 -2.75	23.85 -0.13 -2.26	23.39 -0.23 -2.87	24.37 -0.08 -3.25	25.62 -0.04 -3.33	25.99 -0.40 -4.28	26.77 -0.42 -5.20	28.60 -0.36 -6.54	39.51 -0.68 -17.35	40.61 -0.69 -18.32	40.04 -0.60 -17.74	36.51 -0.22 -14.67	27.40 -0.28 -6.38	23.82 -0.07 -7.21	25.67 0.00 -4.41
ORANGEVILLE___ESR 323794	18.08 -0.05 -12.00	17.37 -0.07 -5.59	16.51 0.06 -1.16	19.31 0.09 -0.37	18.98 0.00 -0.76	21.17 0.16 -0.58	27.55 0.02 -4.42	26.13 -0.09 -3.69	27.42 -0.02 -4.73	25.23 0.00 -2.75	23.85 -0.13 -2.26	23.39 -0.23 -2.87	24.37 -0.08 -3.25	25.62 -0.04 -3.33	25.99 -0.40 -4.28	26.77 -0.42 -5.20	28.60 -0.36 -6.54	39.51 -0.68 -17.35	40.61 -0.69 -18.32	40.04 -0.60 -17.74	36.51 -0.22 -14.67	27.40 -0.28 -6.38	23.82 -0.07 -7.21	25.67 0.00 -4.41
OSWEGATCHIE___HYD 24044	9.79 -0.16 -3.82	13.25 -0.33 -1.73	15.02 -0.44 -0.19	18.32 -0.58 -0.06	17.83 -0.51 -0.12	19.97 -0.55 -0.09	24.03 -0.53 -1.45	22.82 -0.65 -0.94	23.40 -0.73 -1.42	22.52 -0.72 -0.76	21.31 -0.76 -0.36	20.50 -0.71 -0.45	20.97 -0.74 -0.51	22.06 -0.80 -0.52	22.09 -0.69 -0.67	22.13 -0.68 -0.82	22.97 -0.65 -1.20	62.58 -0.57 -40.30	65.03 -0.55 -42.61	63.48 -0.55 -41.14	46.75 -0.51 -25.19	31.33 -0.41 -10.44	28.10 -0.32 -11.75	30.46 -0.30 -9.50
OSWEGO___5 23606	16.76 -0.03 -10.66	16.60 -0.05 -4.80	15.68 -0.06 -0.46	18.93 -0.06 -0.14	18.45 -0.07 -0.30	20.62 -0.04 -0.23	27.16 -0.02 -4.07	25.05 -0.04 -2.56	26.62 -0.05 -3.95	24.34 -0.07 -1.92	22.54 -0.06 -0.89	21.78 -0.10 -1.13	22.42 -0.06 -1.28	23.60 -0.04 -1.31	23.70 -0.09 -1.69	23.96 -0.09 -2.05	25.39 -0.09 -3.06	41.50 -0.16 -18.81	42.52 -0.16 -19.71	41.66 -0.16 -18.92	34.15 -0.15 -12.24	26.33 -0.15 -5.18	22.43 -0.08 -5.84	25.36 -0.11 -4.21
OSWEGO___6 23613	16.76 -0.03 -10.66	16.60 -0.05 -4.80	15.68 -0.06 -0.46	18.93 -0.06 -0.14	18.45 -0.07 -0.30	20.62 -0.04 -0.23	27.16 -0.02 -4.07	25.05 -0.04 -2.56	26.62 -0.05 -3.95	24.34 -0.07 -1.92	22.54 -0.06 -0.89	21.78 -0.10 -1.13	22.42 -0.06 -1.28	23.60 -0.04 -1.31	23.70 -0.09 -1.69	23.96 -0.09 -2.05	25.39 -0.09 -3.06	41.50 -0.16 -18.81	42.52 -0.16 -19.71	41.66 -0.16 -18.92	34.15 -0.15 -12.24	26.33 -0.15 -5.18	22.43 -0.08 -5.84	25.36 -0.11 -4.21
OUTOKUMPU-AB___DRP 24206	17.69 -0.13 -11.69	17.02 -0.24 -5.40	16.16 -0.12 -1.00	19.02 -0.13 -0.31	18.64 -0.24 -0.65	20.74 -0.18 -0.49	27.01 -0.44 -4.34	25.35 -0.61 -3.43	26.76 -0.50 -4.55	24.52 -0.52 -2.56	23.03 -0.63 -1.95	22.50 -0.73 -2.47	23.42 -0.59 -2.81	24.62 -0.58 -2.87	24.80 -0.99 -3.69	25.47 -1.01 -4.48	27.20 -0.99 -5.76	41.05 -1.35 -19.55	42.04 -1.45 -20.51	41.16 -1.30 -19.56	35.34 -0.77 -14.05	26.56 -0.81 -6.08	23.12 -0.42 -6.87	25.21 -0.40 -4.35



OXBOW____ 24026	17.57 -0.23 -11.67	16.84 -0.40 -5.39	15.93 -0.34 -0.98	18.75 -0.40 -0.30	18.35 -0.51 -0.64	20.42 -0.49 -0.48	26.65 -0.79 -4.33	24.95 -0.99 -3.41	26.33 -0.91 -4.54	24.12 -0.90 -2.54	22.62 -1.02 -1.92	22.11 -1.08 -2.44	23.05 -0.93 -2.77	24.21 -0.96 -2.84	24.39 -1.37 -3.65	25.05 -1.39 -4.44	26.78 -1.37 -5.73	40.59 -1.74 -19.48	41.59 -1.86 -20.48	40.71 -1.69 -19.50	34.91 -1.15 -13.99	26.21 -1.13 -6.04	22.83 -0.67 -6.83	24.88 -0.72 -4.34
OXY_CHEM_DSASP 323612	17.44 -0.34 -11.65	16.61 -0.62 -5.37	15.64 -0.61 -0.97	18.38 -0.75 -0.29	18.01 -0.84 -0.63	20.02 -0.88 -0.47	26.15 -1.27 -4.32	24.43 -1.49 -3.39	25.82 -1.41 -4.52	23.59 -1.42 -2.52	22.12 -1.50 -1.90	21.65 -1.51 -2.41	22.55 -1.40 -2.74	23.71 -1.43 -2.80	23.86 -1.86 -3.61	24.52 -1.87 -4.39	26.25 -1.86 -5.69	40.04 -2.22 -19.41	40.86 -2.39 -20.28	40.14 -2.20 -19.44	34.37 -1.63 -13.93	25.75 -1.55 -6.01	22.46 -1.00 -6.79	24.46 -1.13 -4.33
OZONE_PARK_ESR 323760	27.55 0.53 -20.90	23.67 1.01 -10.81	22.40 1.25 -5.86	22.23 1.55 -1.84	23.47 1.40 -3.84	24.99 1.65 -2.90	31.78 1.92 -6.76	35.53 1.85 -11.16	34.56 1.97 -9.88	32.73 2.02 -8.23	34.98 1.91 -11.36	36.84 1.70 -14.39	39.37 1.82 -16.34	40.96 1.92 -16.71	45.60 2.01 -21.48	49.95 1.87 -26.08	52.95 2.04 -28.49	63.55 2.06 -38.65	63.31 1.93 -38.41	60.15 1.83 -35.42	54.98 1.79 -31.13	37.39 1.60 -14.50	34.50 1.33 -16.50	28.83 1.74 -5.83
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.44 -0.34 -11.65	16.61 -0.62 -5.37	15.64 -0.61 -0.97	18.38 -0.75 -0.29	18.01 -0.84 -0.63	20.02 -0.88 -0.47	26.15 -1.27 -4.32	24.43 -1.49 -3.39	25.82 -1.41 -4.52	23.59 -1.42 -2.52	22.12 -1.50 -1.90	21.65 -1.51 -2.41	22.55 -1.40 -2.74	23.71 -1.43 -2.80	23.86 -1.86 -3.61	24.52 -1.87 -4.39	26.25 -1.86 -5.69	40.04 -2.22 -19.41	40.86 -2.39 -20.28	40.14 -2.20 -19.44	34.37 -1.63 -13.93	25.75 -1.55 -6.01	22.46 -1.00 -6.79	24.46 -1.13 -4.33
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.54 0.51 -20.91	23.66 0.98 -10.82	22.38 1.22 -5.87	22.22 1.53 -1.85	23.46 1.38 -3.85	24.87 1.53 -2.90	31.65 1.78 -6.76	35.20 1.51 -11.16	34.17 1.59 -9.87	32.34 1.64 -8.22	34.63 1.56 -11.35	36.50 1.37 -14.38	39.02 1.48 -16.33	40.60 1.56 -16.70	45.20 1.61 -21.48	49.53 1.45 -26.08	52.49 1.59 -28.48	63.06 1.58 -38.64	62.86 1.49 -38.40	59.71 1.40 -35.42	54.53 1.35 -31.12	36.98 1.19 -14.49	34.42 1.25 -16.50	28.77 1.68 -5.84
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.37 1.68 -1.85	23.61 1.53 -3.85	25.03 1.69 -2.90	31.83 1.96 -6.76	35.24 1.55 -11.16	34.24 1.66 -9.87	32.39 1.69 -8.22	34.65 1.58 -11.35	36.65 1.51 -14.38	39.04 1.51 -16.33	40.60 1.56 -16.70	45.22 1.64 -21.48	49.53 1.45 -26.08	52.49 1.59 -28.48	63.06 1.58 -38.64	62.88 1.52 -38.40	59.71 1.40 -35.42	54.55 1.37 -31.12	37.00 1.21 -14.49	34.50 1.33 -16.50	28.90 1.81 -5.84
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.84 -0.16 -11.87	17.08 -0.28 -5.51	16.16 -0.21 -1.09	18.94 -0.25 -0.34	18.59 -0.35 -0.72	20.71 -0.27 -0.54	26.99 -0.51 -4.39	25.57 -0.54 -3.58	26.91 -0.45 -4.66	24.74 -0.40 -2.66	23.28 -0.56 -2.13	22.78 -0.66 -2.69	23.73 -0.53 -3.06	24.95 -0.51 -3.13	25.27 -0.86 -4.02	26.00 -0.88 -4.88	27.79 -0.83 -6.20	41.51 -1.21 -19.88	42.64 -1.06 -20.73	41.64 -1.08 -19.82	35.76 -0.68 -14.38	26.77 -0.77 -6.24	23.31 -0.42 -7.06	25.18 -0.47 -4.39
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.57 0.45 -20.99	23.60 0.88 -10.87	22.28 1.09 -5.91	22.06 1.36 -1.86	23.32 1.22 -3.88	24.81 1.45 -2.93	31.60 1.71 -6.78	35.34 1.58 -11.23	34.30 1.66 -9.94	32.43 1.66 -8.28	34.84 1.67 -11.45	36.76 1.50 -14.51	39.29 1.61 -16.48	40.93 1.74 -16.85	45.63 1.86 -21.66	50.15 1.85 -26.30	53.09 1.95 -28.72	63.60 1.92 -38.84	63.39 1.84 -38.58	60.24 1.76 -35.58	55.07 1.70 -31.31	37.44 1.55 -14.59	34.47 1.20 -16.60	28.63 1.53 -5.84
PEEKSKILL____ 23653	27.39 0.42 -20.83	23.46 0.83 -10.78	22.14 1.02 -5.83	21.96 1.28 -1.83	23.19 1.15 -3.82	24.69 1.37 -2.89	31.38 1.52 -6.74	35.10 1.46 -11.10	34.12 1.57 -9.85	32.29 1.62 -8.19	34.57 1.56 -11.29	36.43 1.37 -14.31	38.94 1.48 -16.25	40.53 1.59 -16.61	45.15 1.68 -21.36	49.54 1.60 -25.94	52.45 1.73 -28.30	63.04 1.69 -38.51	62.85 1.61 -38.27	59.73 1.53 -35.30	54.56 1.50 -30.99	37.09 1.36 -14.43	34.16 1.07 -16.42	28.45 1.38 -5.81
PGE MADISON__WINDPWR 24146	19.87 0.45 -13.29	19.11 0.91 -6.34	18.26 1.13 -1.85	20.91 1.49 -0.58	20.84 1.40 -1.21	23.11 1.76 -0.92	30.11 2.24 -4.76	29.38 2.07 -4.78	30.17 1.97 -5.49	27.94 1.91 -3.55	26.96 1.65 -3.60	26.78 1.47 -4.56	27.95 1.57 -5.18	29.35 1.72 -5.29	30.68 1.77 -6.80	32.08 1.82 -8.26	34.40 2.06 -9.92	48.96 1.96 -24.15	49.78 2.09 -24.72	48.30 2.06 -23.34	41.43 2.10 -17.27	30.96 2.00 -7.67	26.96 1.60 -8.68	27.94 2.04 -4.64
PIERCEFIELD__HYD 23852	6.50 -0.26 -0.63	11.61 -0.52 -0.28	14.60 -0.69 0.00	18.00 -0.85 0.00	17.51 -0.71 0.00	19.61 -0.82 0.00	22.45 -0.90 -0.25	21.59 -1.06 -0.12	21.82 -1.11 -0.22	21.45 -1.15 -0.11	20.61 -1.11 0.00	19.76 -1.00 0.00	20.12 -1.08 0.00	21.15 -1.18 0.00	21.07 -1.04 0.00	20.94 -1.06 0.00	21.43 -1.05 -0.07	9.15 -0.94 12.76	8.51 -0.94 13.51	8.89 -0.94 13.07	13.21 -0.95 7.90	17.25 -0.79 3.26	12.37 -0.63 3.67	17.60 -0.62 3.04
PINELAWN_CC_1 323563	27.66 0.63 -20.90	23.81 1.14 -10.82	22.54 1.39 -5.86	22.31 1.62 -1.85	23.60 1.53 -3.84	25.28 1.94 -2.90	31.46 1.59 -6.76	35.10 1.42 -11.15	33.50 1.13 -9.65	32.26 1.55 -8.23	31.74 1.28 -8.74	31.80 0.96 -10.09	33.57 0.96 -11.41	40.02 0.98 -16.70	44.67 1.08 -21.48	45.02 0.90 -22.12	52.12 1.21 -28.49	62.71 1.21 -38.65	62.48 1.10 -38.41	59.24 0.92 -35.43	54.32 1.12 -31.13	37.37 1.58 -14.50	33.86 0.70 -16.49	28.30 1.21 -5.83
PJM_GEN_HTP_PROXY 323702	27.50 0.47 -20.90	23.58 0.91 -10.81	22.28 1.13 -5.86	22.10 1.41 -1.84	23.34 1.28 -3.84	25.20 1.51 -3.26	31.25 1.73 -6.40	35.33 1.64 -11.15	34.36 1.77 -9.88	32.55 1.84 -8.23	34.81 1.74 -11.35	36.68 1.54 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.48	49.77 1.69 -26.08	52.76 1.86 -28.48	63.35 1.85 -38.65	63.12 1.74 -38.40	59.94 1.63 -35.42	54.80 1.61 -31.13	37.24 1.45 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
PJM_GEN_KEystone 24065	23.21 0.17 -16.91	20.65 0.34 -8.45	19.47 0.49 -3.70	20.63 0.62 -1.16	21.16 0.51 -2.43	23.27 0.65 -2.19	29.10 0.62 -5.37	30.83 0.56 -7.74	30.89 0.63 -7.55	28.90 0.70 -5.72	29.49 0.61 -7.17	30.30 0.46 -9.09	32.10 0.57 -10.32	33.54 0.65 -10.55	36.23 0.55 -13.57	38.98 0.51 -16.47	41.40 0.61 -18.37	53.81 0.43 -30.53	54.17 0.41 -30.78	52.02 0.39 -28.73	46.34 0.53 -23.75	32.56 0.43 -10.84	29.40 0.42 -12.31	27.11 0.59 -5.26
PJM_GEN_NEPTUNE_PROXY 323594	27.58 0.55 -20.90	23.68 1.01 -10.82	22.35 1.21 -5.86	22.14 1.45 -1.85	23.43 1.37 -3.84	25.41 1.72 -3.26	30.95 1.43 -6.40	34.92 1.24 -11.15	33.38 1.05 -9.63	32.10 1.39 -8.23	31.16 1.17 -8.27	31.08 1.02 -9.31	32.76 1.04 -10.52	40.20 1.16 -16.70	44.78 1.19 -21.48	44.84 1.10 -21.74	52.28 1.37 -28.49	62.82 1.32 -38.65	62.60 1.22 -38.41	59.38 1.05 -35.43	54.45 1.26 -31.13	37.29 1.49 -14.50	33.93 0.77 -16.49	28.19 1.10 -5.83



PJM_GEN_VFT_PROXY 323633	27.49 0.46 -20.90	23.57 0.90 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	25.16 1.47 -3.26	31.20 1.69 -6.40	35.31 1.62 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.62 1.47 -14.39	39.14 1.59 -16.34	40.72 1.68 -16.71	45.34 1.75 -21.48	49.71 1.63 -26.08	52.68 1.77 -28.49	63.26 1.76 -38.65	63.01 1.63 -38.41	59.85 1.53 -35.42	54.71 1.52 -31.13	37.18 1.38 -14.50	34.35 1.18 -16.50	28.62 1.53 -5.83
PLEASANTVLY___LBMP 24000	27.62 0.38 -21.11	23.53 0.74 -10.94	22.19 0.93 -5.97	21.89 1.17 -1.88	23.20 1.06 -3.92	24.64 1.25 -2.96	31.29 1.36 -6.81	35.17 1.31 -11.33	34.12 1.41 -10.00	32.30 1.46 -8.35	34.68 1.39 -11.57	36.64 1.22 -14.66	39.17 1.32 -16.65	40.77 1.41 -17.02	45.50 1.50 -21.89	50.00 1.43 -26.58	53.04 1.53 -29.09	63.48 1.51 -39.13	63.28 1.45 -38.86	60.07 1.35 -35.82	54.99 1.35 -31.58	37.23 1.21 -14.72	34.36 0.93 -16.75	28.36 1.23 -5.87
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	27.50 0.44 -20.94	23.54 0.85 -10.84	22.22 1.05 -5.88	22.01 1.32 -1.85	23.28 1.20 -3.86	24.76 1.41 -2.91	31.45 1.57 -6.77	35.25 1.53 -11.19	34.22 1.61 -9.90	32.42 1.69 -8.25	34.72 1.61 -11.39	36.62 1.43 -14.44	39.15 1.55 -16.40	40.75 1.65 -16.77	45.39 1.73 -21.56	49.82 1.65 -26.18	52.79 1.77 -28.60	63.34 1.76 -38.74	63.13 1.68 -38.49	59.99 1.60 -35.50	54.84 1.57 -31.21	37.26 1.43 -14.54	34.33 1.12 -16.54	28.52 1.42 -5.83
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.68 0.39 -21.15	23.59 0.77 -10.96	22.24 0.96 -5.99	21.96 1.22 -1.89	23.23 1.07 -3.93	24.69 1.29 -2.97	31.39 1.46 -6.83	35.27 1.37 -11.37	34.19 1.45 -10.03	32.35 1.48 -8.38	34.76 1.43 -11.61	36.73 1.27 -14.72	39.27 1.36 -16.71	40.92 1.50 -17.09	45.67 1.59 -21.97	50.21 1.54 -26.68	53.26 1.68 -29.16	63.71 1.67 -39.20	63.50 1.61 -38.92	60.28 1.51 -35.88	55.16 1.46 -31.64	37.37 1.32 -14.75	34.49 1.03 -16.78	28.49 1.36 -5.87
POLETTI____ 23519	27.49 0.47 -20.90	23.58 0.91 -10.81	22.26 1.12 -5.86	22.08 1.39 -1.84	23.34 1.28 -3.84	24.83 1.49 -2.90	31.58 1.71 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.51 1.80 -8.23	34.77 1.69 -11.36	36.62 1.47 -14.39	39.16 1.61 -16.34	40.74 1.70 -16.71	45.36 1.77 -21.48	49.73 1.65 -26.08	52.70 1.79 -28.49	63.30 1.80 -38.65	63.05 1.68 -38.41	59.90 1.58 -35.42	54.74 1.54 -31.13	37.18 1.38 -14.50	34.35 1.18 -16.50	28.64 1.55 -5.83
PORT_JEFF_3 23555	27.68 0.65 -20.90	23.83 1.16 -10.82	22.54 1.39 -5.86	22.33 1.64 -1.85	23.62 1.55 -3.84	25.32 1.98 -2.90	31.37 1.50 -6.76	35.03 1.35 -11.15	33.37 1.02 -9.64	32.22 1.51 -8.23	31.38 1.19 -8.48	31.44 1.04 -9.65	33.21 1.10 -10.90	40.29 1.25 -16.70	44.89 1.30 -21.48	45.06 1.17 -21.90	52.43 1.53 -28.49	63.05 1.55 -38.65	62.83 1.45 -38.41	59.56 1.24 -35.43	54.67 1.48 -31.13	37.67 1.87 -14.50	33.99 0.83 -16.49	28.25 1.17 -5.83
PORT_JEFF_4 23616	27.68 0.65 -20.90	23.83 1.16 -10.82	22.54 1.39 -5.86	22.33 1.64 -1.85	23.62 1.55 -3.84	25.32 1.98 -2.90	31.37 1.50 -6.76	35.03 1.35 -11.15	33.37 1.02 -9.64	32.22 1.51 -8.23	31.38 1.19 -8.48	31.44 1.04 -9.65	33.21 1.10 -10.90	40.29 1.25 -16.70	44.89 1.30 -21.48	45.06 1.17 -21.90	52.43 1.53 -28.49	63.05 1.55 -38.65	62.83 1.45 -38.41	59.56 1.24 -35.43	54.67 1.48 -31.13	37.67 1.87 -14.50	33.99 0.83 -16.49	28.25 1.17 -5.83
PORT_JEFF_IC 23713	27.69 0.66 -20.90	23.84 1.17 -10.82	22.55 1.41 -5.86	22.33 1.64 -1.85	23.62 1.55 -3.84	25.32 1.98 -2.90	31.37 1.50 -6.76	35.06 1.37 -11.15	33.39 1.05 -9.64	32.22 1.51 -8.23	31.42 1.22 -8.49	31.48 1.06 -9.67	33.25 1.12 -10.93	40.33 1.29 -16.70	44.91 1.33 -21.48	45.11 1.21 -21.90	52.48 1.57 -28.49	63.10 1.60 -38.65	62.87 1.49 -38.41	59.60 1.28 -35.43	54.72 1.52 -31.13	37.71 1.92 -14.50	34.01 0.85 -16.49	28.25 1.17 -5.83
PPL PILGRIM_ST_GT1 24216	27.69 0.66 -20.90	23.86 1.20 -10.82	22.60 1.45 -5.86	22.40 1.71 -1.85	23.71 1.64 -3.84	25.40 2.06 -2.90	31.51 1.64 -6.76	35.15 1.46 -11.15	33.48 1.13 -9.64	32.31 1.60 -8.23	31.53 1.28 -8.53	31.62 1.12 -9.74	33.38 1.17 -11.01	40.33 1.29 -16.70	44.76 1.17 -21.48	44.92 0.99 -21.93	52.23 1.32 -28.49	62.82 1.32 -38.65	62.60 1.22 -38.41	59.35 1.03 -35.43	54.45 1.26 -31.13	37.69 1.89 -14.50	34.03 0.87 -16.49	28.36 1.28 -5.83
PPL PILGRIM_ST_GT2 24217	27.69 0.66 -20.90	23.86 1.20 -10.82	22.60 1.45 -5.86	22.40 1.71 -1.85	23.71 1.64 -3.84	25.40 2.06 -2.90	31.51 1.64 -6.76	35.15 1.46 -11.15	33.48 1.13 -9.64	32.31 1.60 -8.23	31.53 1.28 -8.53	31.62 1.12 -9.74	33.38 1.17 -11.01	40.33 1.29 -16.70	44.76 1.17 -21.48	44.92 0.99 -21.93	52.23 1.32 -28.49	62.82 1.32 -38.65	62.60 1.22 -38.41	59.35 1.03 -35.43	54.45 1.26 -31.13	37.69 1.89 -14.50	34.03 0.87 -16.49	28.36 1.28 -5.83
PPL_SHRM_GT3 24213	27.62 0.59 -20.90	23.71 1.04 -10.82	22.38 1.24 -5.86	22.18 1.49 -1.85	23.49 1.42 -3.84	25.18 1.84 -2.90	31.07 1.20 -6.76	34.67 0.99 -11.15	32.76 0.41 -9.64	31.88 1.17 -8.23	31.07 0.87 -8.48	31.13 0.73 -9.66	32.92 0.81 -10.91	40.00 0.96 -16.70	44.60 1.02 -21.48	44.80 0.90 -21.90	52.19 1.28 -28.49	62.82 1.32 -38.65	62.62 1.24 -38.41	59.35 1.03 -35.43	54.47 1.28 -31.13	37.52 1.72 -14.50	33.84 0.68 -16.49	28.04 0.96 -5.83
PPL_SHRM_GT4 24214	27.62 0.59 -20.90	23.71 1.04 -10.82	22.38 1.24 -5.86	22.18 1.49 -1.85	23.49 1.42 -3.84	25.18 1.84 -2.90	31.07 1.20 -6.76	34.67 0.99 -11.15	32.76 0.41 -9.64	31.88 1.17 -8.23	31.07 0.87 -8.48	31.13 0.73 -9.66	32.92 0.81 -10.91	40.00 0.96 -16.70	44.60 1.02 -21.48	44.80 0.90 -21.90	52.19 1.28 -28.49	62.82 1.32 -38.65	62.62 1.24 -38.41	59.35 1.03 -35.43	54.47 1.28 -31.13	37.52 1.72 -14.50	33.84 0.68 -16.49	28.04 0.96 -5.83
PROJECT___ORANGE 1 24174	17.01 0.06 -10.82	16.89 0.13 -4.90	16.04 0.18 -0.58	19.25 0.23 -0.18	18.78 0.18 -0.38	21.00 0.29 -0.29	27.61 0.39 -4.10	25.61 0.36 -2.72	27.10 0.34 -4.05	24.86 0.34 -2.04	23.12 0.30 -1.10	22.40 0.25 -1.39	23.08 0.30 -1.58	24.31 0.36 -1.62	24.47 0.29 -2.08	24.81 0.29 -2.53	26.34 0.34 -3.58	42.79 0.23 -19.72	43.84 0.21 -20.66	42.93 0.23 -19.80	35.25 0.22 -12.97	27.03 0.21 -5.52	23.08 0.18 -6.23	25.87 0.26 -4.36
PROJECT___ORANGE 2 24166	17.01 0.06 -10.82	16.89 0.13 -4.90	16.04 0.18 -0.58	19.25 0.23 -0.18	18.78 0.18 -0.38	21.00 0.29 -0.29	27.61 0.39 -4.10	25.61 0.36 -2.72	27.10 0.34 -4.05	24.86 0.34 -2.04	23.12 0.30 -1.10	22.40 0.25 -1.39	23.08 0.30 -1.58	24.31 0.36 -1.62	24.47 0.29 -2.08	24.81 0.29 -2.53	26.34 0.34 -3.58	42.79 0.23 -19.72	43.84 0.21 -20.66	42.93 0.23 -19.80	35.25 0.22 -12.97	27.03 0.21 -5.52	23.08 0.18 -6.23	25.87 0.26 -4.36
PUCKETT___SOLAR 323809	19.86 0.20 -13.53	18.74 0.40 -6.49	17.81 0.55 -1.97	20.16 0.70 -0.62	20.15 0.64 -1.29	22.23 0.82 -0.98	28.93 0.99 -4.82	28.44 0.92 -4.98	29.21 0.88 -5.62	27.08 0.90 -3.69	26.33 0.78 -3.84	26.28 0.66 -4.86	27.47 0.74 -5.52	28.81 0.83 -5.64	30.14 0.77 -7.26	31.58 0.77 -8.81	33.82 0.87 -10.53	47.79 0.75 -24.19	48.54 0.80 -24.76	47.08 0.80 -23.38	40.63 0.86 -17.71	29.99 0.81 -7.88	26.27 0.67 -8.93	26.80 0.87 -4.67



PYRITES___HYD 24023	6.37 -0.15 -0.39	11.70 -0.32 -0.17	14.84 -0.44 0.00	18.34 -0.51 0.00	17.84 -0.38 0.00	19.98 -0.45 0.00	22.78 -0.49 -0.15	21.93 -0.68 -0.07	22.10 -0.75 -0.14	21.80 -0.76 -0.08	20.93 -0.78 0.00	20.07 -0.68 0.00	20.44 -0.76 0.00	21.49 -0.85 0.00	21.42 -0.69 0.00	21.27 -0.73 0.00	21.79 -0.67 -0.04	10.45 -0.55 11.85	9.90 -0.53 12.55	10.24 -0.53 12.13	14.18 -0.55 7.34	17.82 -0.45 3.03	12.93 -0.33 3.40	18.12 -0.32 2.82
RAMAPO___LBMP 323565	27.25 0.42 -20.70	23.36 0.81 -10.70	22.05 1.01 -5.76	21.90 1.24 -1.81	23.13 1.13 -3.78	24.63 1.35 -2.85	31.30 1.48 -6.71	34.94 1.42 -10.99	34.00 1.52 -9.77	32.16 1.57 -8.11	34.39 1.52 -11.16	36.22 1.33 -14.14	38.68 1.42 -16.05	40.29 1.54 -16.41	44.85 1.64 -21.11	49.18 1.56 -25.63	52.03 1.68 -27.92	62.70 1.65 -38.21	62.54 1.58 -37.99	59.44 1.49 -35.05	54.23 1.46 -30.71	36.91 1.32 -14.29	33.96 1.03 -16.26	28.41 1.36 -5.79
RANKINE____ 23646	17.87 -0.07 -11.81	17.21 -0.12 -5.47	16.36 0.02 -1.06	19.22 0.04 -0.33	18.85 -0.07 -0.70	20.98 0.02 -0.53	27.30 -0.19 -4.37	25.77 -0.29 -3.53	27.12 -0.20 -4.62	24.93 -0.18 -2.63	23.46 -0.33 -2.07	22.94 -0.44 -2.62	23.88 -0.30 -2.98	25.13 -0.25 -3.04	25.38 -0.64 -3.91	26.07 -0.68 -4.75	27.84 -0.63 -6.05	41.42 -0.98 -19.56	42.39 -1.03 -20.45	41.56 -0.92 -19.58	35.88 -0.46 -14.28	26.97 -0.51 -6.19	23.45 -0.22 -7.00	25.46 -0.17 -4.38
RAVENSWOOD_GT2_1 24244	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.10 1.41 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.53 1.82 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.75 1.67 -26.09	52.74 1.84 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT2_2 24245	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.10 1.41 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.53 1.82 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.75 1.67 -26.09	52.74 1.84 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT2_3 24246	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.55 1.84 -8.23	34.81 1.74 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.78 1.69 -26.09	52.74 1.84 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.95 1.63 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT2_4 24247	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.55 1.84 -8.23	34.81 1.74 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.78 1.69 -26.09	52.74 1.84 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.95 1.63 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.38 1.22 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT3_1 24248	27.50 0.47 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.53 1.82 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.75 1.67 -26.09	52.74 1.84 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT3_2 24249	27.50 0.47 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.53 1.82 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.75 1.67 -26.09	52.74 1.84 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT3_3 24250	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.87 1.53 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.41 1.82 -9.88	32.57 1.87 -8.23	34.83 1.76 -11.36	36.70 1.56 -14.39	39.22 1.67 -16.34	40.81 1.76 -16.71	45.42 1.83 -21.49	49.80 1.72 -26.09	52.77 1.86 -28.49	63.35 1.85 -38.65	63.12 1.74 -38.41	59.97 1.65 -35.42	54.80 1.61 -31.13	37.24 1.45 -14.50	34.38 1.22 -16.50	28.68 1.60 -5.83
RAVENSWOOD_GT3_4 24251	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.87 1.53 -2.90	31.62 1.76 -6.76	35.35 1.67 -11.16	34.41 1.82 -9.88	32.57 1.87 -8.23	34.83 1.76 -11.36	36.70 1.56 -14.39	39.22 1.67 -16.34	40.81 1.76 -16.71	45.42 1.83 -21.49	49.80 1.72 -26.09	52.77 1.86 -28.49	63.35 1.85 -38.65	63.12 1.74 -38.41	59.97 1.65 -35.42	54.80 1.61 -31.13	37.24 1.45 -14.50	34.38 1.22 -16.50	28.68 1.60 -5.83
RAVENSWOOD_GT_1 23729	27.52 0.49 -20.90	23.62 0.95 -10.81	22.32 1.18 -5.86	22.16 1.47 -1.84	23.40 1.33 -3.84	24.85 1.51 -2.90	31.62 1.76 -6.76	35.31 1.62 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.76 1.72 -16.71	45.36 1.77 -21.49	49.68 1.60 -26.08	52.66 1.75 -28.49	63.23 1.74 -38.65	63.00 1.63 -38.40	59.82 1.51 -35.42	54.69 1.50 -31.12	37.14 1.34 -14.50	34.38 1.22 -16.50	28.70 1.61 -5.83
RAVENSWOOD_GT_10 24258	27.50 0.47 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.10 1.41 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.55 1.84 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.78 1.69 -26.09	52.74 1.84 -28.49	63.32 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT_11 24259	27.50 0.47 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.10 1.41 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.55 1.84 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.78 1.69 -26.09	52.74 1.84 -28.49	63.32 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT_4 24252	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.55 1.84 -8.23	34.83 1.76 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.81 1.76 -16.71	45.42 1.83 -21.49	49.79 1.72 -26.08	52.77 1.86 -28.49	63.34 1.85 -38.65	63.12 1.74 -38.40	59.96 1.65 -35.42	54.82 1.63 -31.12	37.24 1.45 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83



RAVENSWOOD_GT_5 24254	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.55 1.84 -8.23	34.83 1.76 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.81 1.76 -16.71	45.42 1.83 -21.49	49.79 1.72 -26.08	52.77 1.86 -28.49	63.34 1.85 -38.65	63.12 1.74 -38.40	59.96 1.65 -35.42	54.82 1.63 -31.12	37.24 1.45 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT_6 24253	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.55 1.84 -8.23	34.83 1.76 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.81 1.76 -16.71	45.42 1.83 -21.49	49.79 1.72 -26.08	52.77 1.86 -28.49	63.34 1.85 -38.65	63.12 1.74 -38.40	59.96 1.65 -35.42	54.82 1.63 -31.12	37.24 1.45 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT_7 24255	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.35 1.67 -11.16	34.38 1.79 -9.88	32.55 1.84 -8.23	34.83 1.76 -11.36	36.68 1.54 -14.39	39.20 1.65 -16.34	40.81 1.76 -16.71	45.42 1.83 -21.49	49.79 1.72 -26.08	52.77 1.86 -28.49	63.34 1.85 -38.65	63.12 1.74 -38.40	59.96 1.65 -35.42	54.82 1.63 -31.12	37.24 1.45 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.50 0.47 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.10 1.41 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.55 1.84 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.78 1.69 -26.09	52.74 1.84 -28.49	63.32 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD_GT_9 24257	27.50 0.47 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.10 1.41 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.55 1.84 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.78 1.69 -26.09	52.74 1.84 -28.49	63.32 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD___1 23533	27.51 0.48 -20.90	23.60 0.94 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.83 1.49 -2.90	31.62 1.76 -6.76	35.29 1.60 -11.16	34.31 1.72 -9.88	32.51 1.80 -8.23	34.79 1.72 -11.36	36.64 1.50 -14.39	39.18 1.63 -16.34	40.74 1.70 -16.71	45.34 1.75 -21.49	49.66 1.58 -26.08	52.63 1.73 -28.49	63.20 1.71 -38.64	62.98 1.61 -38.40	59.82 1.51 -35.42	54.66 1.48 -31.12	37.12 1.32 -14.50	34.37 1.20 -16.50	28.68 1.60 -5.83
RAVENSWOOD___2 23534	27.50 0.47 -20.90	23.58 0.91 -10.81	22.28 1.13 -5.86	22.08 1.39 -1.84	23.32 1.26 -3.84	24.79 1.45 -2.90	31.55 1.69 -6.76	35.24 1.55 -11.16	34.27 1.68 -9.88	32.44 1.73 -8.23	34.72 1.65 -11.36	36.57 1.43 -14.39	39.11 1.57 -16.34	40.63 1.59 -16.71	45.18 1.59 -21.49	49.46 1.39 -26.08	52.43 1.53 -28.49	63.00 1.51 -38.64	62.77 1.40 -38.40	59.62 1.30 -35.42	54.51 1.32 -31.12	37.07 1.28 -14.50	34.33 1.17 -16.50	28.64 1.55 -5.83
RAVENSWOOD___3 23535	27.51 0.48 -20.90	23.59 0.93 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.85 1.51 -2.90	31.60 1.73 -6.76	35.33 1.64 -11.16	34.36 1.77 -9.88	32.55 1.84 -8.23	34.81 1.74 -11.36	36.66 1.51 -14.39	39.18 1.63 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.75 1.67 -26.09	52.74 1.84 -28.49	63.33 1.83 -38.65	63.10 1.72 -38.41	59.92 1.60 -35.42	54.78 1.59 -31.13	37.22 1.43 -14.50	34.37 1.20 -16.50	28.66 1.57 -5.83
RAVENSWOOD___4 23820	27.51 0.48 -20.90	23.60 0.94 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.31 1.72 -9.88	32.48 1.78 -8.23	34.77 1.69 -11.36	36.62 1.47 -14.39	39.16 1.61 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.63 1.73 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.80 1.49 -35.41	54.66 1.48 -31.12	37.12 1.32 -14.50	34.35 1.18 -16.50	28.66 1.57 -5.83
RCPL_TRUST___DRP 24196	27.51 0.48 -20.90	23.62 0.95 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.89 1.55 -2.90	31.65 1.78 -6.76	35.40 1.71 -11.15	34.43 1.84 -9.88	32.60 1.89 -8.23	34.87 1.80 -11.35	36.74 1.60 -14.39	39.26 1.72 -16.34	40.85 1.81 -16.71	45.47 1.88 -21.48	49.84 1.76 -26.08	52.81 1.90 -28.48	63.39 1.90 -38.65	63.17 1.79 -38.40	59.99 1.67 -35.42	54.85 1.66 -31.13	37.28 1.49 -14.50	34.40 1.23 -16.50	28.70 1.61 -5.83
RED___ROCHESTER 323720	17.54 0.18 -11.23	17.35 0.36 -5.14	16.56 0.52 -0.76	19.70 0.62 -0.24	19.27 0.55 -0.50	21.52 0.71 -0.38	28.16 0.83 -4.22	26.30 0.72 -3.05	27.68 0.68 -4.29	25.41 0.65 -2.28	23.80 0.61 -1.48	23.13 0.50 -1.88	23.93 0.59 -2.13	25.18 0.67 -2.18	25.39 0.49 -2.80	25.93 0.53 -3.40	27.56 0.58 -4.56	43.69 0.41 -20.43	44.56 0.37 -21.23	43.56 0.41 -20.25	35.88 0.46 -13.35	27.43 0.40 -5.73	23.50 0.35 -6.47	26.15 0.59 -4.30
REGAN___SOLAR 323812	34.11 0.48 -27.49	27.39 0.89 -14.65	25.62 1.13 -9.21	23.40 1.66 -2.90	25.90 1.64 -6.04	26.85 1.86 -4.56	34.08 2.45 -8.52	41.29 1.96 -16.80	38.42 1.88 -13.83	36.54 1.69 -12.37	41.51 1.63 -18.16	45.43 1.66 -23.01	48.99 1.65 -26.13	50.71 1.65 -26.72	58.10 1.64 -34.36	65.50 1.78 -41.72	70.60 2.06 -46.12	77.90 2.19 -52.87	76.78 2.34 -51.47	72.43 2.52 -47.02	68.65 2.56 -44.03	44.46 2.34 -20.83	42.36 1.97 -23.73	30.57 2.25 -7.06
RENSSELAER___COGEN 23796	30.43 0.10 -24.20	24.79 0.20 -12.74	23.12 0.29 -7.55	21.62 0.40 -2.38	23.59 0.42 -4.95	24.62 0.45 -3.74	31.21 0.46 -7.64	36.82 0.45 -13.84	34.94 0.48 -11.76	33.15 0.47 -10.20	36.77 0.46 -14.60	39.67 0.41 -18.50	42.68 0.47 -21.01	44.31 0.49 -21.48	50.30 0.57 -27.62	56.11 0.57 -33.54	60.09 0.61 -37.06	69.12 0.57 -45.70	68.59 0.57 -45.04	64.80 0.59 -41.31	60.35 0.57 -37.71	39.56 0.53 -17.73	37.19 0.33 -20.19	28.13 0.42 -6.44
REVERE_CPPR_DRP 24186	16.59 0.19 -10.27	16.82 0.37 -4.60	16.08 0.46 -0.34	19.61 0.66 -0.11	19.07 0.62 -0.22	21.38 0.78 -0.17	28.05 0.99 -3.95	25.70 0.83 -2.33	27.24 0.77 -3.76	24.91 0.70 -1.73	22.98 0.61 -0.65	22.08 0.50 -0.83	22.72 0.57 -0.94	23.94 0.65 -0.96	24.03 0.69 -1.23	24.20 0.70 -1.50	25.64 0.78 -2.43	44.45 0.75 -20.85	45.71 0.80 -21.94	44.78 0.78 -21.11	36.24 0.82 -13.35	27.65 0.74 -5.61	23.64 0.65 -6.32	26.85 0.83 -4.77
RIVERBAY____ 323610	27.56 0.53 -20.91	23.70 1.02 -10.82	22.42 1.27 -5.87	22.37 1.68 -1.85	23.61 1.53 -3.85	25.03 1.69 -2.90	31.83 1.96 -6.76	35.24 1.55 -11.16	34.24 1.66 -9.87	32.39 1.69 -8.22	34.65 1.58 -11.35	36.65 1.51 -14.38	39.04 1.51 -16.33	40.60 1.56 -16.70	45.22 1.64 -21.48	49.53 1.45 -26.08	52.49 1.59 -28.48	63.06 1.58 -38.64	62.88 1.52 -38.40	59.71 1.40 -35.42	54.55 1.37 -31.12	37.00 1.21 -14.49	34.50 1.33 -16.50	28.90 1.81 -5.84



ROARING___BROOK_WT_PWR 323790	-5.32 -0.28 11.18	6.46 -0.50 4.90	14.72 -0.57 0.00	18.32 -0.53 0.00	17.86 -0.36 0.00	20.04 -0.39 0.00	30.05 -0.44 -7.38	25.60 -0.45 -3.51	28.93 -0.41 -6.63	24.82 -0.34 -2.68	21.41 -0.30 0.00	20.48 -0.27 0.00	20.93 -0.28 0.00	22.02 -0.31 0.00	21.82 -0.29 0.00	21.71 -0.29 0.00	23.67 -0.29 -1.54	18.83 -0.46 3.56	18.72 -0.48 3.77	18.75 -0.50 3.64	19.33 -0.53 2.20	19.87 -0.51 0.91	15.25 -0.40 1.02	19.88 -0.53 0.85
ROCHESTER_9_IC 23652	17.52 0.15 -11.23	17.29 0.30 -5.14	16.50 0.46 -0.76	19.63 0.55 -0.24	19.19 0.47 -0.50	21.44 0.63 -0.38	28.07 0.74 -4.22	26.19 0.61 -3.05	27.57 0.57 -4.29	25.30 0.54 -2.28	23.70 0.50 -1.48	23.02 0.39 -1.88	23.82 0.49 -2.13	25.07 0.56 -2.18	25.28 0.38 -2.80	25.80 0.40 -3.40	27.42 0.45 -4.56	43.55 0.28 -20.43	44.43 0.23 -21.23	43.44 0.30 -20.25	35.77 0.35 -13.35	27.33 0.30 -5.73	23.43 0.28 -6.47	26.05 0.49 -4.30
ROSETON___1 23587	27.41 0.37 -20.91	23.40 0.72 -10.83	22.06 0.90 -5.87	21.82 1.13 -1.85	23.09 1.02 -3.85	24.55 1.21 -2.91	31.21 1.34 -6.76	34.96 1.26 -11.17	33.96 1.36 -9.89	32.14 1.42 -8.24	34.44 1.35 -11.37	36.35 1.18 -14.41	38.84 1.27 -16.37	40.43 1.36 -16.74	45.06 1.44 -21.52	49.51 1.39 -26.13	52.44 1.48 -28.54	63.00 1.46 -38.69	62.82 1.40 -38.44	59.66 1.30 -35.46	54.53 1.30 -31.17	37.01 1.19 -14.52	34.12 0.93 -16.52	28.32 1.23 -5.83
ROSETON___2 23588	27.41 0.37 -20.91	23.40 0.72 -10.83	22.06 0.90 -5.87	21.82 1.13 -1.85	23.09 1.02 -3.85	24.55 1.21 -2.91	31.21 1.34 -6.76	34.96 1.26 -11.17	33.96 1.36 -9.89	32.14 1.42 -8.24	34.44 1.35 -11.37	36.35 1.18 -14.41	38.84 1.27 -16.37	40.43 1.36 -16.74	45.06 1.44 -21.52	49.51 1.39 -26.13	52.44 1.48 -28.54	63.00 1.46 -38.69	62.82 1.40 -38.44	59.66 1.30 -35.46	54.53 1.30 -31.17	37.01 1.19 -14.52	34.12 0.93 -16.52	28.32 1.23 -5.83
RUSSELL___1 23602	17.54 0.18 -11.23	17.35 0.36 -5.14	16.56 0.52 -0.76	19.70 0.62 -0.24	19.27 0.55 -0.50	21.52 0.71 -0.38	28.16 0.83 -4.22	26.30 0.72 -3.05	27.68 0.68 -4.29	25.41 0.65 -2.28	23.80 0.61 -1.48	23.13 0.50 -1.88	23.93 0.59 -2.13	25.18 0.67 -2.18	25.39 0.49 -2.80	25.93 0.53 -3.40	27.56 0.58 -4.56	43.69 0.41 -20.43	44.56 0.37 -21.23	43.56 0.41 -20.25	35.88 0.46 -13.35	27.43 0.40 -5.73	23.50 0.35 -6.47	26.15 0.59 -4.30
RUSSELL___2 23532	17.54 0.18 -11.23	17.35 0.36 -5.14	16.56 0.52 -0.76	19.70 0.62 -0.24	19.27 0.55 -0.50	21.52 0.71 -0.38	28.16 0.83 -4.22	26.30 0.72 -3.05	27.68 0.68 -4.29	25.41 0.65 -2.28	23.80 0.61 -1.48	23.13 0.50 -1.88	23.93 0.59 -2.13	25.18 0.67 -2.18	25.39 0.49 -2.80	25.93 0.53 -3.40	27.56 0.58 -4.56	43.69 0.41 -20.43	44.56 0.37 -21.23	43.56 0.41 -20.25	35.88 0.46 -13.35	27.43 0.40 -5.73	23.50 0.35 -6.47	26.15 0.59 -4.30
RUSSELL___3 23549	17.54 0.18 -11.23	17.35 0.36 -5.14	16.56 0.52 -0.76	19.70 0.62 -0.24	19.27 0.55 -0.50	21.52 0.71 -0.38	28.16 0.83 -4.22	26.30 0.72 -3.05	27.68 0.68 -4.29	25.41 0.65 -2.28	23.80 0.61 -1.48	23.13 0.50 -1.88	23.93 0.59 -2.13	25.18 0.67 -2.18	25.39 0.49 -2.80	25.93 0.53 -3.40	27.56 0.58 -4.56	43.69 0.41 -20.43	44.56 0.37 -21.23	43.56 0.41 -20.25	35.88 0.46 -13.35	27.43 0.40 -5.73	23.50 0.35 -6.47	26.15 0.59 -4.30
RUSSELL___4 23556	17.54 0.18 -11.23	17.35 0.36 -5.14	16.56 0.52 -0.76	19.70 0.62 -0.24	19.27 0.55 -0.50	21.52 0.71 -0.38	28.16 0.83 -4.22	26.30 0.72 -3.05	27.68 0.68 -4.29	25.41 0.65 -2.28	23.80 0.61 -1.48	23.13 0.50 -1.88	23.93 0.59 -2.13	25.18 0.67 -2.18	25.39 0.49 -2.80	25.93 0.53 -3.40	27.56 0.58 -4.56	43.69 0.41 -20.43	44.56 0.37 -21.23	43.56 0.41 -20.25	35.88 0.46 -13.35	27.43 0.40 -5.73	23.50 0.35 -6.47	26.15 0.59 -4.30
RUSSELL___STATION 23914	17.54 0.18 -11.23	17.35 0.36 -5.14	16.56 0.52 -0.76	19.70 0.62 -0.24	19.27 0.55 -0.50	21.52 0.71 -0.38	28.16 0.83 -4.22	26.30 0.72 -3.05	27.68 0.68 -4.29	25.41 0.65 -2.28	23.80 0.61 -1.48	23.13 0.50 -1.88	23.93 0.59 -2.13	25.18 0.67 -2.18	25.39 0.49 -2.80	25.93 0.53 -3.40	27.56 0.58 -4.56	43.69 0.41 -20.43	44.56 0.37 -21.23	43.56 0.41 -20.25	35.88 0.46 -13.35	27.43 0.40 -5.73	23.50 0.35 -6.47	26.15 0.59 -4.30
S SALMON___HYD 24043	15.87 -0.02 -9.76	16.22 -0.04 -4.41	15.69 -0.06 -0.46	18.88 -0.11 -0.15	18.38 -0.15 -0.30	20.58 -0.08 -0.23	26.83 0.00 -3.72	24.90 -0.02 -2.39	26.27 -0.07 -3.63	24.20 -0.09 -1.81	22.47 -0.13 -0.89	21.71 -0.17 -1.13	22.33 -0.15 -1.28	23.51 -0.13 -1.31	23.63 -0.15 -1.68	23.93 -0.11 -2.04	25.33 -0.07 -2.98	44.68 -0.11 -21.95	45.94 -0.09 -23.06	44.96 -0.09 -22.15	36.22 -0.04 -14.20	27.24 -0.04 -5.99	23.38 -0.05 -6.76	26.17 -0.04 -4.96
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.78 -0.10 -11.74	17.13 -0.15 -5.44	16.28 -0.03 -1.03	19.13 -0.04 -0.32	18.75 -0.15 -0.67	20.88 -0.06 -0.51	27.16 -0.30 -4.36	25.55 -0.45 -3.47	26.91 -0.39 -4.59	24.71 -0.36 -2.59	23.22 -0.50 -2.00	22.71 -0.58 -2.53	23.64 -0.45 -2.88	24.85 -0.43 -2.94	25.07 -0.82 -3.78	25.73 -0.86 -4.60	27.49 -0.81 -5.88	41.08 -1.16 -19.40	41.98 -1.26 -20.28	41.21 -1.12 -19.44	35.58 -0.62 -14.13	26.77 -0.64 -6.12	23.28 -0.30 -6.91	25.37 -0.25 -4.37
SELKIRK___I 23801	29.79 0.15 -23.51	24.49 0.30 -12.34	22.88 0.38 -7.21	21.62 0.51 -2.27	23.42 0.47 -4.73	24.56 0.55 -3.57	31.16 0.60 -7.45	36.33 0.56 -13.24	34.65 0.61 -11.33	32.86 0.63 -9.75	36.18 0.59 -13.88	38.86 0.52 -17.59	41.75 0.57 -19.97	43.38 0.62 -20.42	49.05 0.69 -26.26	54.54 0.66 -31.88	58.52 0.67 -35.42	67.77 0.66 -44.26	67.46 0.64 -43.85	63.78 0.64 -40.24	59.23 0.62 -36.55	39.08 0.62 -17.17	36.66 0.45 -19.54	28.16 0.57 -6.33
SELKIRK___II 23799	30.01 0.14 -23.74	24.60 0.27 -12.47	22.97 0.37 -7.32	21.62 0.47 -2.30	23.48 0.46 -4.80	24.59 0.53 -3.63	31.18 0.55 -7.51	36.51 0.54 -13.44	34.75 0.57 -11.47	32.97 0.58 -9.90	36.38 0.54 -14.12	39.14 0.50 -17.89	42.08 0.55 -20.32	43.69 0.58 -20.78	49.47 0.64 -26.72	55.07 0.64 -32.44	58.93 0.65 -35.85	68.13 0.64 -44.64	67.77 0.64 -44.16	64.04 0.62 -40.52	59.53 0.62 -36.85	39.20 0.60 -17.31	36.80 0.42 -19.71	28.15 0.53 -6.36
SENECA OSWGO___HYD 24041	16.72 -0.01 -10.60	16.63 -0.01 -4.79	15.80 0.00 -0.51	18.99 -0.02 -0.16	18.50 -0.05 -0.34	20.71 0.02 -0.25	27.21 0.07 -4.03	25.21 0.07 -2.61	26.70 0.05 -3.95	24.46 0.02 -1.96	22.70 0.00 -0.99	21.98 -0.02 -1.25	22.62 0.00 -1.42	23.83 0.04 -1.45	23.97 0.00 -1.87	24.28 0.02 -2.26	25.73 0.02 -3.28	42.43 -0.07 -19.66	43.53 -0.05 -20.60	42.62 -0.05 -19.77	34.88 -0.02 -12.84	26.70 -0.04 -5.45	22.80 -0.02 -6.14	25.64 0.00 -4.38
SENECA___ENERGY 23797	17.52 0.10 -11.28	17.23 0.20 -5.17	16.38 0.29 -0.80	19.47 0.38 -0.25	19.08 0.33 -0.53	21.32 0.49 -0.40	27.99 0.65 -4.23	26.25 0.58 -3.14	27.62 0.57 -4.35	25.34 0.52 -2.34	23.79 0.48 -1.60	23.17 0.39 -2.02	23.95 0.45 -2.30	25.20 0.51 -2.35	25.53 0.40 -3.02	26.06 0.40 -3.67	27.69 0.42 -4.85	44.12 0.28 -21.00	44.97 0.30 -21.70	43.92 0.34 -20.68	35.99 0.35 -13.58	27.45 0.32 -5.84	23.53 0.27 -6.59	25.97 0.36 -4.35



SHOEMAKER___GT 23640	26.85 0.38 -20.34	23.08 0.75 -10.48	21.77 0.92 -5.57	21.69 1.09 -1.75	22.86 0.98 -3.65	24.37 1.18 -2.76	31.04 1.32 -6.61	34.52 1.31 -10.68	33.62 1.36 -9.56	31.76 1.39 -7.88	33.82 1.32 -10.78	35.59 1.18 -13.66	37.95 1.23 -15.51	39.56 1.36 -15.86	43.94 1.44 -20.40	48.17 1.41 -24.76	51.17 1.55 -27.21	61.99 1.51 -37.64	61.89 1.47 -37.45	58.87 1.40 -34.58	53.58 1.35 -30.17	36.58 1.26 -14.03	33.59 0.97 -15.96	28.27 1.28 -5.74
SHOREHAM_IC_1 23715	27.62 0.59 -20.90	23.71 1.04 -10.82	22.38 1.24 -5.86	22.18 1.49 -1.85	23.49 1.42 -3.84	25.18 1.84 -2.90	31.07 1.20 -6.76	34.67 0.99 -11.15	32.76 0.41 -9.64	31.88 1.17 -8.23	31.07 0.87 -8.48	31.13 0.73 -9.66	32.92 0.81 -10.91	40.00 0.96 -16.70	44.60 1.02 -21.48	44.80 0.90 -21.90	52.19 1.28 -28.49	62.82 1.32 -38.65	62.62 1.24 -38.41	59.35 1.03 -35.43	54.47 1.28 -31.13	37.52 1.72 -14.50	33.84 0.68 -16.49	28.04 0.96 -5.83
SHOREHAM_IC_2 23716	27.62 0.59 -20.90	23.71 1.04 -10.82	22.38 1.24 -5.86	22.18 1.49 -1.85	23.49 1.42 -3.84	25.18 1.84 -2.90	31.07 1.20 -6.76	34.67 0.99 -11.15	32.76 0.41 -9.64	31.88 1.17 -8.23	31.07 0.87 -8.48	31.13 0.73 -9.66	32.92 0.81 -10.91	40.00 0.96 -16.70	44.60 1.02 -21.48	44.80 0.90 -21.90	52.19 1.28 -28.49	62.82 1.32 -38.65	62.62 1.24 -38.41	59.35 1.03 -35.43	54.47 1.28 -31.13	37.52 1.72 -14.50	33.84 0.68 -16.49	28.04 0.96 -5.83
SISSONVILLE____ 23735	6.50 -0.26 -0.63	11.61 -0.52 -0.28	14.60 -0.69 0.00	18.00 -0.85 0.00	17.51 -0.71 0.00	19.61 -0.82 0.00	22.45 -0.90 -0.25	21.59 -1.06 -0.12	21.82 -1.11 -0.22	21.45 -1.15 -0.11	20.61 -1.11 0.00	19.76 -1.00 0.00	20.12 -1.08 0.00	21.15 -1.18 0.00	21.07 -1.04 0.00	20.94 -1.06 0.00	21.43 -1.05 -0.07	9.15 -0.94 12.76	8.51 -0.94 13.51	8.89 -0.94 13.07	13.21 -0.95 7.90	17.25 -0.79 3.26	12.37 -0.63 3.67	17.60 -0.62 3.04
SITHE_IND_GS1 24169	16.65 -0.06 -10.58	16.48 -0.12 -4.75	15.55 -0.14 -0.40	18.80 -0.17 -0.13	18.30 -0.18 -0.26	20.47 -0.16 -0.20	27.02 -0.14 -4.05	24.83 -0.18 -2.48	26.43 -0.18 -3.90	24.16 -0.18 -1.86	22.30 -0.20 -0.78	21.54 -0.21 -0.99	22.14 -0.19 -1.13	23.31 -0.18 -1.15	23.37 -0.22 -1.48	23.60 -0.20 -1.80	24.96 -0.25 -2.79	41.04 -0.32 -18.51	42.07 -0.32 -19.42	41.25 -0.30 -18.65	33.76 -0.29 -11.98	26.08 -0.28 -5.06	22.19 -0.18 -5.71	25.19 -0.23 -4.17
SITHE_IND_GS2 24170	16.65 -0.06 -10.58	16.48 -0.12 -4.75	15.55 -0.14 -0.40	18.80 -0.17 -0.13	18.30 -0.18 -0.26	20.47 -0.16 -0.20	27.02 -0.14 -4.05	24.83 -0.18 -2.48	26.43 -0.18 -3.90	24.16 -0.18 -1.86	22.30 -0.20 -0.78	21.54 -0.21 -0.99	22.14 -0.19 -1.13	23.31 -0.18 -1.15	23.37 -0.22 -1.48	23.60 -0.20 -1.80	24.96 -0.25 -2.79	41.04 -0.32 -18.51	42.07 -0.32 -19.42	41.25 -0.30 -18.65	33.76 -0.29 -11.98	26.08 -0.28 -5.06	22.19 -0.18 -5.71	25.19 -0.23 -4.17
SITHE_IND_GS3 24171	16.65 -0.06 -10.58	16.48 -0.12 -4.75	15.55 -0.14 -0.40	18.80 -0.17 -0.13	18.30 -0.18 -0.26	20.47 -0.16 -0.20	27.02 -0.14 -4.05	24.83 -0.18 -2.48	26.43 -0.18 -3.90	24.16 -0.18 -1.86	22.30 -0.20 -0.78	21.54 -0.21 -0.99	22.14 -0.19 -1.13	23.31 -0.18 -1.15	23.37 -0.22 -1.48	23.60 -0.20 -1.80	24.96 -0.25 -2.79	41.04 -0.32 -18.51	42.07 -0.32 -19.42	41.25 -0.30 -18.65	33.76 -0.29 -11.98	26.08 -0.28 -5.06	22.19 -0.18 -5.71	25.19 -0.23 -4.17
SITHE_IND_GS4 24172	16.65 -0.06 -10.58	16.48 -0.12 -4.75	15.55 -0.14 -0.40	18.80 -0.17 -0.13	18.30 -0.18 -0.26	20.47 -0.16 -0.20	27.02 -0.14 -4.05	24.83 -0.18 -2.48	26.43 -0.18 -3.90	24.16 -0.18 -1.86	22.30 -0.20 -0.78	21.54 -0.21 -0.99	22.14 -0.19 -1.13	23.31 -0.18 -1.15	23.37 -0.22 -1.48	23.60 -0.20 -1.80	24.96 -0.25 -2.79	41.04 -0.32 -18.51	42.07 -0.32 -19.42	41.25 -0.30 -18.65	33.76 -0.29 -11.98	26.08 -0.28 -5.06	22.19 -0.18 -5.71	25.19 -0.23 -4.17
SITHE___BATAVIA 24024	17.69 0.06 -11.50	17.27 0.13 -5.29	16.49 0.31 -0.90	19.52 0.40 -0.28	19.10 0.29 -0.59	21.31 0.43 -0.44	27.82 0.42 -4.29	25.98 0.18 -3.27	27.35 0.20 -4.44	25.10 0.18 -2.44	23.53 0.07 -1.75	22.91 -0.06 -2.22	23.79 0.06 -2.52	25.02 0.11 -2.57	25.19 -0.22 -3.31	25.82 -0.20 -4.02	27.53 -0.13 -5.24	42.37 -0.39 -19.92	43.26 -0.48 -20.77	42.37 -0.37 -19.85	35.81 0.00 -13.75	27.16 -0.06 -5.93	23.45 0.08 -6.70	25.89 0.30 -4.33
SITHE___INDEPEND 23800	16.65 -0.06 -10.58	16.48 -0.12 -4.75	15.55 -0.14 -0.40	18.80 -0.17 -0.13	18.30 -0.18 -0.26	20.47 -0.16 -0.20	27.02 -0.14 -4.05	24.83 -0.18 -2.48	26.43 -0.18 -3.90	24.16 -0.18 -1.86	22.30 -0.20 -0.78	21.54 -0.21 -0.99	22.14 -0.19 -1.13	23.31 -0.18 -1.15	23.37 -0.22 -1.48	23.60 -0.20 -1.80	24.96 -0.25 -2.79	41.04 -0.32 -18.51	42.07 -0.32 -19.42	41.25 -0.30 -18.65	33.76 -0.29 -11.98	26.08 -0.28 -5.06	22.19 -0.18 -5.71	25.19 -0.23 -4.17
SITHE___MASSENA 23902	4.84 -0.12 1.17	11.09 -0.25 0.51	14.95 -0.34 0.00	18.45 -0.40 0.00	17.91 -0.31 0.00	20.04 -0.39 0.00	22.17 -0.49 0.46	21.80 -0.52 0.22	21.75 -0.55 0.41	21.76 -0.56 0.16	21.19 -0.52 0.00	20.32 -0.44 0.00	20.72 -0.49 0.00	21.78 -0.56 0.00	21.64 -0.47 0.00	21.51 -0.48 0.00	21.84 -0.49 0.09	16.61 -0.39 5.85	16.38 -0.39 6.20	16.54 -0.37 5.99	18.02 -0.42 3.62	19.42 -0.38 1.49	14.69 -0.30 1.68	19.50 -0.36 1.39
SITHE___OGDNSBRG 24021	6.01 -0.12 0.00	11.60 -0.25 0.00	14.93 -0.35 0.00	18.41 -0.43 0.00	17.91 -0.31 0.00	20.04 -0.39 0.00	22.69 -0.42 0.00	22.01 -0.52 0.00	22.09 -0.61 0.00	21.85 -0.63 0.00	21.09 -0.63 0.00	20.23 -0.52 0.00	20.59 -0.62 0.00	21.64 -0.69 0.00	21.60 -0.51 0.00	21.42 -0.57 0.00	21.91 -0.51 0.00	12.38 -0.39 10.08	11.93 -0.37 10.67	12.21 -0.37 10.32	15.43 -0.40 6.24	18.38 -0.34 2.57	13.49 -0.28 2.89	18.58 -0.28 2.40
SITHE___STERLING 23777	16.83 0.16 -10.54	16.90 0.32 -4.73	16.09 0.41 -0.39	19.53 0.56 -0.12	19.01 0.53 -0.26	21.30 0.67 -0.19	28.03 0.88 -4.04	25.72 0.74 -2.45	27.26 0.68 -3.88	24.93 0.63 -1.82	23.01 0.54 -0.75	22.16 0.46 -0.95	22.81 0.53 -1.08	24.02 0.58 -1.10	24.12 0.60 -1.42	24.33 0.62 -1.72	25.81 0.70 -2.69	43.56 0.64 -20.07	44.75 0.69 -21.10	43.84 0.66 -20.28	35.69 0.68 -12.94	27.38 0.64 -5.45	23.38 0.57 -6.15	26.53 0.72 -4.55
SOUTH CAIRO___GT 23612	29.34 0.14 -23.07	24.23 0.30 -12.08	22.61 0.35 -6.97	21.42 0.38 -2.19	23.14 0.35 -4.57	24.34 0.45 -3.45	31.05 0.60 -7.34	36.12 0.68 -12.91	34.43 0.61 -11.11	32.47 0.47 -9.51	35.63 0.43 -13.48	38.37 0.54 -17.08	41.11 0.51 -19.40	42.79 0.62 -19.83	48.38 0.77 -25.50	53.84 0.88 -30.96	57.64 1.03 -34.19	67.24 1.07 -43.32	67.02 1.22 -42.84	63.53 1.28 -39.35	58.72 1.12 -35.53	39.02 1.06 -16.66	36.24 0.60 -18.97	28.30 0.81 -6.24
SOUTH HAMPTN___IC 23720	27.73 0.70 -20.90	23.92 1.26 -10.82	22.66 1.51 -5.86	22.46 1.77 -1.85	23.76 1.69 -3.84	25.50 2.16 -2.90	31.44 1.57 -6.76	35.14 1.46 -11.15	33.41 1.07 -9.64	32.33 1.62 -8.23	31.54 1.35 -8.48	31.56 1.16 -9.65	33.36 1.25 -10.91	40.49 1.45 -16.70	45.09 1.50 -21.48	45.26 1.36 -21.90	52.68 1.77 -28.49	63.35 1.85 -38.65	63.15 1.77 -38.41	59.86 1.53 -35.43	55.00 1.81 -31.13	37.99 2.19 -14.50	34.16 1.00 -16.49	28.40 1.32 -5.83



SOUTHOLD___IC 23719	27.83 0.80 -20.90	24.11 1.45 -10.82	22.90 1.76 -5.86	22.76 2.07 -1.85	24.04 1.97 -3.84	25.83 2.49 -2.90	31.83 1.96 -6.76	35.55 1.87 -11.15	33.80 1.45 -9.64	32.71 2.00 -8.23	31.93 1.74 -8.48	31.94 1.54 -9.65	33.72 1.61 -10.91	40.89 1.85 -16.70	45.49 1.90 -21.48	45.65 1.76 -21.90	53.13 2.22 -28.49	63.83 2.33 -38.65	63.65 2.27 -38.41	60.36 2.04 -35.43	55.47 2.27 -31.13	38.44 2.64 -14.50	34.48 1.32 -16.49	28.79 1.70 -5.83
ST LAWRENCE___ 23600	4.43 -0.16 1.54	10.87 -0.31 0.67	14.87 -0.41 0.00	18.35 -0.49 0.00	17.80 -0.42 0.00	19.92 -0.51 0.00	21.88 -0.62 0.60	21.64 -0.61 0.29	21.53 -0.64 0.54	21.64 -0.63 0.21	21.13 -0.59 0.00	20.25 -0.50 0.00	20.65 -0.55 0.00	21.71 -0.63 0.00	21.53 -0.57 0.00	21.42 -0.57 0.00	21.69 -0.60 0.12	17.92 -0.50 4.42	17.78 -0.51 4.68	17.87 -0.50 4.53	18.80 -0.53 2.74	19.65 -0.51 1.13	15.00 -0.40 1.27	19.69 -0.51 1.05
STATION 5_MISC_HYD 23604	17.52 0.15 -11.23	17.29 0.30 -5.14	16.50 0.46 -0.76	19.63 0.55 -0.24	19.19 0.47 -0.50	21.44 0.63 -0.38	28.07 0.74 -4.22	26.19 0.61 -3.05	27.57 0.57 -4.29	25.30 0.54 -2.28	23.70 0.50 -1.48	23.02 0.39 -1.88	23.82 0.49 -2.13	25.07 0.56 -2.18	25.28 0.38 -2.80	25.80 0.40 -3.40	27.42 0.45 -4.56	43.55 0.28 -20.43	44.43 0.23 -21.23	43.44 0.30 -20.25	35.77 0.35 -13.35	27.33 0.30 -5.73	23.43 0.28 -6.47	26.05 0.49 -4.30
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.54 0.18 -11.23	17.33 0.34 -5.13	16.55 0.50 -0.76	19.70 0.62 -0.24	19.29 0.57 -0.50	21.57 0.76 -0.38	28.25 0.93 -4.22	26.40 0.81 -3.06	27.77 0.77 -4.30	25.49 0.72 -2.28	23.90 0.69 -1.49	23.21 0.56 -1.89	24.01 0.66 -2.15	25.27 0.74 -2.20	25.53 0.60 -2.83	26.04 0.62 -3.43	27.70 0.70 -4.59	43.99 0.53 -20.62	44.88 0.53 -21.38	43.86 0.57 -20.39	36.04 0.60 -13.38	27.55 0.51 -5.74	23.61 0.45 -6.49	26.23 0.66 -4.31
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.50 0.15 -11.22	17.27 0.28 -5.13	16.46 0.43 -0.75	19.61 0.53 -0.24	19.17 0.46 -0.49	21.42 0.61 -0.37	28.05 0.72 -4.22	26.15 0.58 -3.04	27.58 0.59 -4.29	25.29 0.54 -2.27	23.69 0.50 -1.47	23.01 0.39 -1.86	23.83 0.51 -2.12	25.06 0.56 -2.16	25.26 0.38 -2.78	25.79 0.42 -3.38	27.42 0.47 -4.53	43.56 0.30 -20.42	44.44 0.25 -21.22	43.46 0.32 -20.24	35.75 0.35 -13.33	27.31 0.30 -5.72	23.42 0.28 -6.46	26.02 0.47 -4.30
STEEL___WIND 323596	17.87 -0.07 -11.81	17.22 -0.11 -5.47	16.38 0.03 -1.06	19.23 0.06 -0.33	18.86 -0.05 -0.70	21.00 0.04 -0.53	27.32 -0.16 -4.37	25.79 -0.27 -3.53	27.15 -0.18 -4.62	24.96 -0.16 -2.63	23.48 -0.30 -2.07	22.96 -0.41 -2.62	23.90 -0.28 -2.98	25.13 -0.25 -3.04	25.40 -0.62 -3.91	26.09 -0.66 -4.75	27.87 -0.60 -6.05	41.42 -0.98 -19.56	42.41 -1.01 -20.45	41.56 -0.92 -19.58	35.90 -0.44 -14.28	26.97 -0.51 -6.19	23.47 -0.20 -7.00	25.49 -0.15 -4.38
STEBEN_REC_LFGE 323667	18.62 0.15 -12.33	17.94 0.31 -5.78	17.13 0.50 -1.34	19.94 0.68 -0.42	19.67 0.57 -0.88	21.95 0.86 -0.66	28.57 0.95 -4.51	27.38 0.88 -3.97	28.52 0.88 -4.93	26.31 0.88 -2.96	25.04 0.72 -2.61	24.64 0.58 -3.31	25.68 0.72 -3.76	27.00 0.83 -3.84	27.57 0.53 -4.94	28.48 0.48 -6.00	30.49 0.65 -7.42	50.33 0.36 -27.12	50.99 0.48 -27.53	49.21 0.55 -25.77	38.18 0.73 -15.39	28.63 0.60 -6.74	24.89 0.60 -7.62	26.57 0.83 -4.48
STONY___BROOK 24151	27.69 0.66 -20.90	23.85 1.19 -10.82	22.58 1.44 -5.86	22.33 1.64 -1.85	23.62 1.55 -3.84	25.32 1.98 -2.90	31.37 1.50 -6.76	35.10 1.42 -11.15	33.44 1.09 -9.64	32.28 1.57 -8.23	31.47 1.26 -8.49	31.55 1.12 -9.67	33.32 1.19 -10.93	40.38 1.34 -16.70	44.98 1.39 -21.48	45.18 1.28 -21.91	52.57 1.66 -28.49	63.19 1.69 -38.65	62.94 1.56 -38.41	59.67 1.35 -35.43	54.78 1.59 -31.13	37.75 1.96 -14.50	34.01 0.85 -16.49	28.27 1.19 -5.83
STURGEON_POOL_HYD 23609	27.82 0.37 -21.32	23.65 0.74 -11.06	22.25 0.89 -6.08	21.93 1.17 -1.91	23.19 0.98 -3.99	24.69 1.25 -3.01	31.39 1.41 -6.87	35.26 1.24 -11.49	34.19 1.36 -10.12	32.37 1.42 -8.47	34.83 1.35 -11.76	36.84 1.18 -14.91	39.38 1.25 -16.93	41.05 1.41 -17.31	45.89 1.52 -22.26	50.47 1.45 -27.02	53.75 1.55 -29.78	64.06 1.51 -39.71	63.81 1.42 -39.42	60.54 1.33 -36.32	55.45 1.26 -32.13	37.44 1.15 -14.99	34.70 0.97 -17.06	28.50 1.32 -5.92
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.03 0.40 -20.50	23.20 0.77 -10.58	21.90 0.96 -5.65	21.81 1.19 -1.78	23.00 1.07 -3.71	24.52 1.29 -2.80	31.20 1.43 -6.65	34.70 1.35 -10.82	33.79 1.43 -9.65	31.95 1.48 -7.98	34.07 1.41 -10.95	35.89 1.27 -13.87	38.30 1.34 -15.76	39.90 1.45 -16.11	44.37 1.55 -20.71	48.64 1.50 -25.15	51.54 1.62 -27.51	62.30 1.58 -37.88	62.16 1.52 -37.67	59.12 1.44 -34.78	53.85 1.39 -30.39	36.71 1.28 -14.14	33.77 1.02 -16.08	28.36 1.34 -5.76
SYNERGY___BIOGAS 323694	17.69 0.06 -11.50	17.27 0.13 -5.29	16.49 0.31 -0.90	19.52 0.40 -0.28	19.10 0.29 -0.59	21.31 0.43 -0.44	27.82 0.42 -4.29	25.98 0.18 -3.27	27.35 0.20 -4.44	25.10 0.18 -2.44	23.53 0.07 -1.75	22.91 -0.06 -2.22	23.79 0.06 -2.52	25.02 0.11 -2.57	25.19 -0.22 -3.31	25.82 -0.20 -4.02	27.53 -0.13 -5.24	42.37 -0.39 -19.92	43.26 -0.48 -20.77	42.37 -0.37 -19.85	35.81 0.00 -13.75	27.16 -0.06 -5.93	23.45 0.08 -6.70	25.89 0.30 -4.33
SYRACUSE___ENERGY_ST1 323597	17.16 0.09 -10.95	17.00 0.17 -4.98	16.16 0.23 -0.64	19.35 0.30 -0.20	18.90 0.25 -0.42	21.10 0.35 -0.32	27.71 0.46 -4.14	25.83 0.43 -2.87	27.27 0.41 -4.15	25.01 0.38 -2.15	23.36 0.37 -1.28	22.69 0.31 -1.62	23.38 0.34 -1.84	24.62 0.40 -1.88	24.88 0.35 -2.42	25.29 0.35 -2.94	26.84 0.38 -4.04	43.01 0.28 -19.89	43.98 0.30 -20.71	43.02 0.30 -19.82	35.45 0.29 -13.10	27.16 0.28 -5.59	23.23 0.25 -6.31	25.91 0.32 -4.34
SYRACUSE___ENERGY_ST2 323598	17.16 0.09 -10.95	17.00 0.17 -4.98	16.16 0.23 -0.64	19.35 0.30 -0.20	18.90 0.25 -0.42	21.10 0.35 -0.32	27.71 0.46 -4.14	25.83 0.43 -2.87	27.27 0.41 -4.15	25.01 0.38 -2.15	23.36 0.37 -1.28	22.69 0.31 -1.62	23.38 0.34 -1.84	24.62 0.40 -1.88	24.88 0.35 -2.42	25.29 0.35 -2.94	26.84 0.38 -4.04	43.01 0.28 -19.89	43.98 0.30 -20.71	43.02 0.30 -19.82	35.45 0.29 -13.10	27.16 0.28 -5.59	23.23 0.25 -6.31	25.91 0.32 -4.34
SYRACUSE___POWER 24017	17.21 0.07 -11.01	17.01 0.14 -5.01	16.15 0.20 -0.67	19.30 0.24 -0.21	18.86 0.20 -0.44	21.07 0.31 -0.33	27.68 0.42 -4.16	25.80 0.38 -2.89	27.24 0.36 -4.17	25.00 0.36 -2.16	23.34 0.33 -1.30	22.67 0.27 -1.65	23.40 0.32 -1.87	24.63 0.38 -1.92	24.88 0.31 -2.46	25.29 0.31 -2.99	26.87 0.36 -4.09	43.10 0.25 -20.01	44.13 0.28 -20.89	43.16 0.28 -19.99	35.58 0.27 -13.25	27.19 0.23 -5.66	23.28 0.22 -6.39	25.90 0.28 -4.36
TRIGEN___CC 323695	27.60 0.57 -20.90	23.72 1.05 -10.82	22.43 1.28 -5.86	22.22 1.53 -1.85	23.49 1.42 -3.84	25.11 1.78 -2.90	31.44 1.57 -6.76	35.11 1.42 -11.16	33.65 1.25 -9.69	32.28 1.57 -8.23	33.93 1.37 -10.84	35.50 1.20 -13.55	37.81 1.23 -15.38	40.41 1.36 -16.71	44.99 1.39 -21.49	46.06 1.32 -22.75	52.48 1.57 -28.49	63.03 1.53 -38.65	62.80 1.42 -38.41	59.58 1.26 -35.43	54.63 1.43 -31.13	37.41 1.62 -14.50	34.07 0.90 -16.50	28.34 1.25 -5.83



UNION___PROCESSING_DRP 323587	17.52 0.15 -11.24	17.28 0.28 -5.14	16.49 0.44 -0.76	19.63 0.55 -0.24	19.18 0.46 -0.50	21.42 0.61 -0.38	28.05 0.72 -4.22	26.17 0.58 -3.06	27.57 0.57 -4.30	25.28 0.52 -2.28	23.68 0.48 -1.49	23.02 0.37 -1.89	23.82 0.47 -2.15	25.07 0.54 -2.20	25.28 0.35 -2.82	25.80 0.37 -3.43	27.43 0.42 -4.58	43.56 0.25 -20.47	44.41 0.18 -21.26	43.43 0.25 -20.28	35.74 0.31 -13.37	27.31 0.28 -5.74	23.42 0.27 -6.48	26.03 0.47 -4.30
UPPER HUDSON___HYD 24058	32.03 0.09 -25.82	25.69 0.17 -13.67	23.87 0.24 -8.35	21.70 0.23 -2.63	23.95 0.25 -5.47	24.81 0.25 -4.13	31.62 0.44 -8.08	38.47 0.56 -15.38	36.09 0.54 -12.84	34.26 0.45 -11.33	38.62 0.46 -16.44	42.09 0.50 -20.84	45.38 0.51 -23.67	47.00 0.47 -24.20	53.75 0.53 -31.11	60.39 0.62 -37.78	64.82 0.65 -41.75	72.89 0.71 -49.34	71.95 0.83 -48.16	67.94 0.96 -44.08	63.80 0.97 -40.76	41.39 0.87 -19.23	39.02 0.45 -21.90	28.41 0.40 -6.75
UPPER RAQUET___HYD 24056	6.50 -0.26 -0.63	11.61 -0.52 -0.28	14.60 -0.69 0.00	18.00 -0.85 0.00	17.51 -0.71 0.00	19.61 -0.82 0.00	22.45 -0.90 -0.25	21.59 -1.06 -0.12	21.82 -1.11 -0.22	21.45 -1.15 -0.11	20.61 -1.11 0.00	19.76 -1.00 0.00	20.12 -1.08 0.00	21.15 -1.18 0.00	21.07 -1.04 0.00	20.94 -1.06 0.00	21.43 -1.05 -0.07	9.15 -0.94 12.76	8.51 -0.94 13.51	8.89 -0.94 13.07	13.21 -0.95 7.90	17.25 -0.79 3.26	12.37 -0.63 3.67	17.60 -0.62 3.04
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.04 0.31 -14.60	19.58 0.62 -7.11	18.60 0.78 -2.54	20.53 0.89 -0.80	20.69 0.80 -1.67	22.67 0.98 -1.26	29.37 1.15 -5.10	29.61 1.19 -5.89	30.16 1.20 -6.25	28.06 1.21 -4.36	27.73 1.06 -4.95	27.98 0.96 -6.27	29.36 1.04 -7.12	30.73 1.12 -7.28	32.63 1.17 -9.36	34.52 1.17 -11.36	37.01 1.25 -13.34	50.71 1.21 -26.65	51.24 1.22 -27.05	49.47 1.19 -25.38	43.01 1.23 -19.71	31.38 1.21 -8.88	27.60 0.87 -10.07	27.20 1.13 -4.82
VISCHER___FERRY HYD 24020	31.48 0.17 -25.19	25.48 0.32 -13.31	23.77 0.46 -8.03	21.97 0.60 -2.53	24.11 0.62 -5.27	25.04 0.63 -3.98	31.71 0.69 -7.91	38.01 0.74 -14.74	35.87 0.77 -12.39	34.08 0.74 -10.86	38.11 0.72 -15.68	41.28 0.66 -19.86	44.46 0.70 -22.56	46.14 0.74 -23.07	52.56 0.79 -29.66	58.82 0.81 -36.01	63.03 0.83 -39.78	71.55 0.82 -47.88	70.75 0.85 -46.93	66.78 0.89 -42.99	62.51 0.88 -39.56	40.74 0.81 -18.64	38.43 0.53 -21.22	28.48 0.59 -6.63
V_A_10_SYNC_DSASP 323832	17.61 -0.06 -11.54	17.09 -0.08 -5.31	16.25 0.05 -0.92	19.21 0.08 -0.29	18.81 -0.02 -0.60	20.95 0.06 -0.46	27.30 -0.11 -4.30	25.51 -0.32 -3.30	26.88 -0.30 -4.47	24.65 -0.29 -2.46	23.13 -0.37 -1.79	22.56 -0.46 -2.27	23.46 -0.32 -2.57	24.65 -0.31 -2.63	24.83 -0.66 -3.38	25.42 -0.68 -4.11	27.10 -0.65 -5.34	42.49 -0.94 -20.59	43.21 -1.13 -21.36	42.34 -0.94 -20.38	35.31 -0.42 -13.66	26.78 -0.41 -5.89	23.15 -0.17 -6.65	25.50 -0.08 -4.33
V_CMM_10_SYNC_DSASP 323787	4.46 -0.13 1.54	10.91 -0.27 0.67	14.93 -0.35 0.00	18.41 -0.43 0.00	17.88 -0.35 0.00	19.98 -0.45 0.00	21.98 -0.53 0.60	21.70 -0.54 0.29	21.62 -0.55 0.54	21.71 -0.56 0.21	21.19 -0.52 0.00	20.32 -0.44 0.00	20.72 -0.49 0.00	21.78 -0.56 0.00	21.62 -0.49 0.00	21.49 -0.51 0.00	21.78 -0.51 0.12	18.01 -0.41 4.42	17.88 -0.41 4.68	17.96 -0.41 4.53	18.89 -0.44 2.74	19.72 -0.45 1.13	15.07 -0.33 1.27	19.76 -0.45 1.05
V_CMP_10_SYNC_DSASP 323788	4.52 -0.21 1.39	10.85 -0.39 0.61	14.87 -0.41 0.00	18.30 -0.55 0.00	17.97 -0.26 0.00	20.29 -0.14 0.00	22.49 -0.07 0.55	22.41 0.14 0.26	22.40 0.18 0.49	22.45 0.16 0.19	21.89 0.17 0.00	20.96 0.21 0.00	21.39 0.19 0.00	22.51 0.18 0.00	22.39 0.29 0.00	22.24 0.24 0.00	22.53 0.22 0.11	18.23 0.36 4.98	17.99 0.30 5.28	18.07 0.28 5.10	19.07 0.09 3.09	19.96 -0.06 1.27	15.02 -0.22 1.43	19.73 -0.34 1.19
V_E_10_SYNC_DSASP 323830	19.87 0.45 -13.29	19.11 0.91 -6.34	18.26 1.13 -1.85	20.91 1.49 -0.58	20.84 1.40 -1.21	23.11 1.76 -0.92	30.11 2.24 -4.76	29.38 2.07 -4.78	30.17 1.97 -5.49	27.94 1.91 -3.55	26.96 1.65 -3.60	26.78 1.47 -4.56	27.95 1.57 -5.18	29.35 1.72 -5.29	30.68 1.77 -6.80	32.08 1.82 -8.26	34.40 2.06 -9.92	48.96 1.96 -24.15	49.78 2.09 -24.72	48.30 2.06 -23.34	41.43 2.10 -17.27	30.96 2.00 -7.67	26.96 1.60 -8.68	27.94 2.04 -4.64
V_F_30_NSUNC___DSASP 323816	32.07 0.21 -25.74	25.87 0.39 -13.63	24.14 0.55 -8.31	22.10 0.64 -2.61	24.32 0.66 -5.45	25.22 0.67 -4.11	32.02 0.86 -8.06	38.75 0.92 -15.29	36.42 0.93 -12.78	34.60 0.85 -11.27	38.88 0.82 -16.34	42.27 0.81 -20.71	45.57 0.85 -23.52	47.23 0.85 -24.05	53.94 0.91 -30.92	60.49 0.95 -37.55	64.90 0.99 -41.49	73.03 1.03 -49.15	72.08 1.10 -48.00	68.03 1.19 -43.94	63.87 1.19 -40.61	41.53 1.09 -19.15	39.18 0.70 -21.81	28.76 0.76 -6.73
V_F_30_SYNC_DSASP 323786	30.96 0.12 -24.71	25.12 0.24 -13.03	23.42 0.34 -7.80	21.73 0.43 -2.45	23.81 0.47 -5.11	24.81 0.51 -3.86	31.44 0.55 -7.78	37.38 0.52 -14.33	35.38 0.57 -12.10	33.60 0.56 -10.56	37.45 0.54 -15.19	40.52 0.52 -19.25	43.61 0.55 -21.86	45.26 0.58 -22.35	51.50 0.66 -28.74	57.55 0.66 -34.89	61.67 0.70 -38.56	70.39 0.68 -46.86	69.69 0.69 -46.03	65.79 0.71 -42.18	61.45 0.71 -38.68	40.14 0.64 -18.21	37.82 0.42 -20.73	28.31 0.51 -6.54
V_XM_10_SYNC_DSASP 323789	4.52 -0.21 1.39	10.85 -0.39 0.61	14.87 -0.41 0.00	18.30 -0.55 0.00	17.97 -0.26 0.00	20.29 -0.14 0.00	22.49 -0.07 0.55	22.41 0.14 0.26	22.40 0.18 0.49	22.45 0.16 0.19	21.89 0.17 0.00	20.96 0.21 0.00	21.39 0.19 0.00	22.51 0.18 0.00	22.39 0.29 0.00	22.24 0.24 0.00	22.53 0.22 0.11	18.23 0.36 4.98	17.99 0.30 5.28	18.07 0.28 5.10	19.07 0.09 3.09	19.96 -0.06 1.27	15.02 -0.22 1.43	19.73 -0.34 1.19
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.29 0.44 -20.71	23.41 0.85 -10.71	22.10 1.05 -5.77	21.98 1.32 -1.81	23.19 1.18 -3.78	24.72 1.43 -2.86	31.39 1.57 -6.71	35.04 1.51 -11.00	34.09 1.61 -9.78	32.28 1.69 -8.11	34.49 1.61 -11.17	36.33 1.43 -14.15	38.80 1.53 -16.07	40.42 1.65 -16.43	44.98 1.75 -21.13	49.32 1.67 -25.65	52.21 1.82 -27.97	62.87 1.78 -38.24	62.69 1.70 -38.02	59.61 1.63 -35.08	54.37 1.57 -30.74	37.03 1.43 -14.31	34.07 1.12 -16.28	28.52 1.47 -5.79
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.51 0.48 -20.90	23.62 0.95 -10.81	22.31 1.16 -5.86	22.14 1.45 -1.84	23.38 1.31 -3.84	24.89 1.55 -2.90	31.65 1.78 -6.76	35.40 1.71 -11.15	34.43 1.84 -9.88	32.60 1.89 -8.23	34.87 1.80 -11.35	36.74 1.60 -14.39	39.26 1.72 -16.34	40.85 1.81 -16.71	45.47 1.88 -21.48	49.84 1.76 -26.08	52.81 1.90 -28.48	63.39 1.90 -38.65	63.17 1.79 -38.40	59.99 1.67 -35.42	54.85 1.66 -31.13	37.28 1.49 -14.50	34.40 1.23 -16.50	28.70 1.61 -5.83
WADING RIVER_IC_1 23522	27.62 0.59 -20.90	23.70 1.03 -10.82	22.37 1.22 -5.86	22.16 1.47 -1.85	23.45 1.38 -3.84	25.15 1.82 -2.90	31.02 1.15 -6.76	34.65 0.97 -11.15	32.94 0.59 -9.64	31.86 1.15 -8.23	31.06 0.87 -8.48	31.13 0.73 -9.65	32.89 0.79 -10.90	39.98 0.94 -16.70	44.58 1.00 -21.48	44.75 0.86 -21.90	52.16 1.25 -28.49	62.80 1.30 -38.65	62.57 1.19 -38.41	59.31 0.98 -35.43	54.43 1.23 -31.13	37.48 1.68 -14.50	33.81 0.65 -16.49	28.00 0.91 -5.83



WADING RIVER_IC_2 23547	27.62 0.59 -20.90	23.70 1.03 -10.82	22.37 1.22 -5.86	22.16 1.47 -1.85	23.45 1.38 -3.84	25.15 1.82 -2.90	31.02 1.15 -6.76	34.65 0.97 -11.15	32.94 0.59 -9.64	31.86 1.15 -8.23	31.06 0.87 -8.48	31.13 0.73 -9.65	32.89 0.79 -10.90	39.98 0.94 -16.70	44.58 1.00 -21.48	44.75 0.86 -21.90	52.16 1.25 -28.49	62.80 1.30 -38.65	62.57 1.19 -38.41	59.31 0.98 -35.43	54.43 1.23 -31.13	37.48 1.68 -14.50	33.81 0.65 -16.49	28.00 0.91 -5.83
WADING RIVER_IC_3 23601	27.62 0.59 -20.90	23.70 1.03 -10.82	22.37 1.22 -5.86	22.16 1.47 -1.85	23.45 1.38 -3.84	25.15 1.82 -2.90	31.02 1.15 -6.76	34.65 0.97 -11.15	32.94 0.59 -9.64	31.86 1.15 -8.23	31.06 0.87 -8.48	31.13 0.73 -9.65	32.89 0.79 -10.90	39.98 0.94 -16.70	44.58 1.00 -21.48	44.75 0.86 -21.90	52.16 1.25 -28.49	62.80 1.30 -38.65	62.57 1.19 -38.41	59.31 0.98 -35.43	54.43 1.23 -31.13	37.48 1.68 -14.50	33.81 0.65 -16.49	28.00 0.91 -5.83
WALDEN___HYDRO 24148	27.40 0.44 -20.84	23.50 0.86 -10.78	22.15 1.04 -5.83	21.98 1.30 -1.83	23.18 1.13 -3.82	24.71 1.39 -2.89	31.42 1.57 -6.74	35.14 1.51 -11.10	34.12 1.57 -9.84	32.26 1.60 -8.19	34.52 1.52 -11.29	36.43 1.37 -14.30	38.87 1.42 -16.24	40.57 1.63 -16.61	45.19 1.73 -21.36	49.64 1.72 -25.93	52.41 1.82 -28.18	63.04 1.78 -38.41	62.89 1.74 -38.18	59.79 1.67 -35.22	54.55 1.59 -30.90	37.13 1.45 -14.39	34.17 1.13 -16.37	28.55 1.49 -5.81
WARRENSBURG____ 23737	32.03 0.09 -25.82	25.69 0.17 -13.67	23.87 0.24 -8.35	21.70 0.23 -2.63	23.95 0.25 -5.47	24.81 0.25 -4.13	31.62 0.44 -8.08	38.47 0.56 -15.38	36.09 0.54 -12.84	34.26 0.45 -11.33	38.62 0.46 -16.44	42.09 0.50 -20.84	45.38 0.51 -23.67	47.00 0.47 -24.20	53.75 0.53 -31.11	60.39 0.62 -37.78	64.82 0.65 -41.75	72.89 0.71 -49.34	71.95 0.83 -48.16	67.94 0.96 -44.08	63.80 0.97 -40.76	41.39 0.87 -19.23	39.02 0.45 -21.90	28.41 0.40 -6.75
WATERSIDE___6 8 9 23538	27.51 0.48 -20.90	23.60 0.94 -10.81	22.29 1.15 -5.86	22.12 1.43 -1.84	23.36 1.29 -3.84	24.83 1.49 -2.90	31.60 1.73 -6.76	35.26 1.58 -11.16	34.31 1.72 -9.88	32.48 1.78 -8.23	34.77 1.69 -11.36	36.62 1.47 -14.39	39.16 1.61 -16.34	40.72 1.68 -16.71	45.32 1.73 -21.49	49.64 1.56 -26.08	52.63 1.73 -28.49	63.18 1.69 -38.64	62.95 1.58 -38.40	59.80 1.49 -35.41	54.66 1.48 -31.12	37.12 1.32 -14.50	34.35 1.18 -16.50	28.66 1.57 -5.83
WDELAWARE___HYD 323627	26.71 0.43 -20.15	23.11 0.88 -10.38	21.77 1.02 -5.47	21.79 1.22 -1.72	22.79 0.98 -3.58	24.43 1.29 -2.71	31.17 1.50 -6.56	34.52 1.46 -10.52	33.65 1.50 -9.45	31.73 1.48 -7.76	33.71 1.41 -10.58	35.45 1.29 -13.41	37.17 0.74 -15.23	38.75 0.85 -15.57	43.08 0.95 -20.02	47.25 0.95 -24.31	50.95 1.14 -27.39	61.76 1.12 -37.79	61.65 1.08 -37.60	58.59 0.98 -34.71	53.81 1.43 -30.31	36.69 1.30 -14.10	33.76 1.05 -16.04	28.42 1.40 -5.76
WEST BABYLON___IC 23714	27.71 0.68 -20.90	23.90 1.23 -10.82	22.65 1.50 -5.86	22.46 1.77 -1.85	23.76 1.69 -3.84	25.46 2.12 -2.90	31.62 1.76 -6.76	35.26 1.58 -11.15	33.63 1.27 -9.65	32.42 1.71 -8.23	31.87 1.41 -8.75	32.07 1.22 -10.09	33.87 1.25 -11.42	40.40 1.36 -16.70	44.96 1.37 -21.48	45.35 1.23 -22.12	52.48 1.57 -28.49	63.07 1.58 -38.65	62.85 1.47 -38.41	59.60 1.28 -35.43	54.72 1.52 -31.13	37.73 1.94 -14.50	34.11 0.95 -16.49	28.47 1.38 -5.83
WEST CANADA___HYD 24049	16.73 0.01 -10.59	16.55 0.02 -4.67	15.44 0.05 -0.12	18.94 0.06 -0.04	18.35 0.05 -0.08	20.57 0.08 -0.06	27.33 0.09 -4.13	24.72 0.07 -2.12	26.56 0.07 -3.78	24.17 0.09 -1.59	22.01 0.07 -0.22	21.08 0.04 -0.28	21.59 0.06 -0.32	22.73 0.07 -0.33	22.62 0.09 -0.42	22.60 0.09 -0.52	23.92 0.09 -1.41	40.80 0.07 -17.89	41.93 0.07 -18.89	41.19 0.07 -18.23	33.38 0.09 -11.23	26.04 0.09 -4.67	22.01 0.08 -5.25	25.53 0.09 -4.19
WESTERN_NY_WIND 24143	17.69 0.04 -11.52	17.26 0.11 -5.30	16.47 0.28 -0.91	19.49 0.36 -0.29	19.07 0.25 -0.60	21.27 0.39 -0.45	27.77 0.37 -4.30	25.95 0.14 -3.29	27.30 0.14 -4.46	25.05 0.11 -2.45	23.51 0.02 -1.77	22.90 -0.10 -2.25	23.76 0.00 -2.55	24.99 0.04 -2.61	25.17 -0.29 -3.36	25.83 -0.24 -4.08	27.54 -0.18 -5.30	42.25 -0.46 -19.86	43.14 -0.55 -20.72	42.26 -0.44 -19.80	35.78 -0.07 -13.79	27.13 -0.11 -5.95	23.44 0.05 -6.72	25.85 0.26 -4.34
WESTOVER___LESR 323668	19.69 0.13 -13.43	18.54 0.26 -6.43	17.57 0.37 -1.92	19.92 0.47 -0.60	19.88 0.40 -1.26	21.94 0.55 -0.95	28.53 0.62 -4.80	27.99 0.56 -4.89	28.84 0.57 -5.56	26.70 0.58 -3.63	25.94 0.50 -3.73	25.89 0.41 -4.72	27.06 0.49 -5.36	28.38 0.56 -5.48	29.62 0.46 -7.05	31.02 0.46 -8.56	33.21 0.54 -10.25	47.14 0.39 -23.91	47.90 0.44 -24.50	46.48 0.43 -23.15	40.08 0.51 -17.51	29.53 0.45 -7.79	25.91 0.42 -8.82	26.46 0.55 -4.66
WETHRSFD_WT_PWR 323626	18.10 -0.04 -12.01	17.39 -0.06 -5.59	16.53 0.08 -1.17	19.33 0.11 -0.37	19.01 0.02 -0.77	21.18 0.16 -0.58	27.58 0.05 -4.43	26.16 -0.07 -3.70	27.45 0.00 -4.74	25.26 0.02 -2.76	23.89 -0.11 -2.28	23.43 -0.21 -2.89	24.42 -0.06 -3.28	25.67 -0.02 -3.35	26.06 -0.35 -4.31	26.83 -0.40 -5.23	28.69 -0.31 -6.58	39.41 -0.64 -17.20	40.51 -0.64 -18.19	39.95 -0.57 -17.62	36.56 -0.20 -14.70	27.44 -0.25 -6.40	23.85 -0.05 -7.23	25.69 0.02 -4.42
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.27 0.42 -20.72	23.38 0.82 -10.71	22.06 1.01 -5.77	21.94 1.28 -1.82	23.15 1.15 -3.78	24.66 1.37 -2.86	31.32 1.50 -6.71	34.98 1.44 -11.01	34.03 1.54 -9.78	32.20 1.60 -8.12	34.43 1.54 -11.17	36.28 1.37 -14.16	38.75 1.46 -16.08	40.36 1.59 -16.44	44.91 1.66 -21.14	49.25 1.58 -25.67	52.11 1.70 -27.99	62.77 1.67 -38.26	62.61 1.61 -38.03	59.50 1.51 -35.10	54.30 1.48 -30.76	36.95 1.34 -14.32	34.02 1.07 -16.29	28.43 1.38 -5.79
YORK___WARBASSE 23770	27.54 0.52 -20.90	23.65 0.98 -10.81	22.35 1.21 -5.86	22.20 1.51 -1.84	23.43 1.37 -3.84	24.87 1.53 -2.90	31.65 1.78 -6.76	35.26 1.58 -11.16	34.34 1.75 -9.88	32.53 1.82 -8.23	34.79 1.72 -11.36	36.66 1.51 -14.39	39.22 1.67 -16.34	40.79 1.74 -16.71	45.40 1.81 -21.49	49.68 1.60 -26.08	52.68 1.77 -28.49	63.16 1.67 -38.64	62.95 1.58 -38.40	59.78 1.47 -35.42	54.73 1.54 -31.12	37.14 1.34 -14.50	34.40 1.23 -16.50	28.79 1.70 -5.83