

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/26/2012

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	50.17	46.58	42.80	44.06	42.98	50.26	57.90	66.22	65.54	68.62	69.03	62.51	57.17	55.88	55.33	55.99	67.65	96.02	75.37	69.89	62.25	56.65	53.72	48.39
24138	2.49	2.32	2.29	2.20	2.28	2.44	4.10	3.65	3.34	2.99	3.01	3.16	3.28	3.35	3.28	3.11	3.68	5.97	5.26	4.44	4.12	3.56	3.15	2.70
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.16	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.49	-15.13	-13.12
74TH STREET_GT_1	50.21	46.59	42.80	44.06	42.99	50.29	57.85	66.17	65.50	68.62	69.01	62.48	57.14	55.84	55.29	55.95	67.61	95.96	75.32	69.84	62.26	56.61	53.76	48.43
24260	2.52	2.32	2.29	2.20	2.28	2.48	4.05	3.61	3.30	2.99	2.98	3.12	3.24	3.31	3.24	3.08	3.64	5.91	5.21	4.39	4.12	3.52	3.19	2.74
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.54	-16.77	-19.42	-26.83	-31.52	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
74TH STREET_GT_2	50.21	46.59	42.80	44.06	42.99	50.29	57.85	66.17	65.50	68.62	69.01	62.48	57.14	55.84	55.29	55.95	67.61	95.96	75.32	69.84	62.26	56.61	53.76	48.43
24261	2.52	2.32	2.29	2.20	2.28	2.48	4.05	3.61	3.30	2.99	2.98	3.12	3.24	3.31	3.24	3.08	3.64	5.91	5.21	4.39	4.12	3.52	3.19	2.74
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.54	-16.77	-19.42	-26.83	-31.52	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
ADK HUDSON___FALLS	55.07	50.94	46.07	48.21	46.33	54.83	57.87	71.69	72.76	78.01	78.51	69.09	61.53	59.59	59.12	60.74	74.34	103.32	78.74	74.28	65.80	60.25	57.83	52.08
24011	1.71	1.62	1.57	1.59	1.54	1.90	3.43	2.85	2.62	2.21	2.13	1.80	1.75	1.73	1.66	1.61	1.71	3.10	3.67	3.10	3.07	2.81	2.37	2.15
	-21.09	-18.81	-14.80	-17.67	-15.18	-18.99	-2.52	-26.38	-32.65	-41.79	-42.52	-32.58	-24.16	-21.87	-22.18	-25.68	-35.49	-41.69	-20.30	-23.45	-18.86	-17.85	-20.01	-17.36
ADK RESOURCE___RCVRY	55.35	51.28	46.43	48.50	46.72	55.19	58.43	72.23	73.18	78.39	78.88	69.70	62.25	60.29	59.84	61.40	74.96	104.25	79.45	74.87	66.27	60.67	58.25	52.40
23798	2.20	2.14	2.08	2.05	2.07	2.44	4.00	3.52	3.22	2.82	2.74	2.60	2.60	2.56	2.51	2.41	2.53	4.27	4.49	3.82	3.64	3.33	2.91	2.57
	-20.88	-18.63	-14.66	-17.50	-15.04	-18.81	-2.50	-26.24	-32.47	-41.56	-42.28	-32.40	-24.02	-21.74	-22.06	-25.54	-35.29	-41.45	-20.19	-23.32	-18.75	-17.75	-19.90	-17.26
ADK S GLENS___FALLS	55.07	50.94	46.07	48.21	46.33	54.83	57.87	71.69	72.76	78.01	78.51	69.09	61.53	59.59	59.12	60.74	74.34	103.32	78.74	74.28	65.80	60.25	57.83	52.08
24028	1.71	1.62	1.57	1.59	1.54	1.90	3.43	2.85	2.62	2.21	2.13	1.80	1.75	1.73	1.66	1.61	1.71	3.10	3.67	3.10	3.07	2.81	2.37	2.15
	-21.09	-18.81	-14.80	-17.67	-15.18	-18.99	-2.52	-26.38	-32.65	-41.79	-42.52	-32.58	-24.16	-21.87	-22.18	-25.68	-35.49	-41.69	-20.30	-23.45	-18.86	-17.85	-20.01	-17.36
ADK_NYS___DAM	54.86	50.80	46.00	48.07	46.29	54.64	57.63	71.30	72.22	77.52	78.04	69.05	61.71	59.80	59.35	60.88	74.29	103.06	78.23	73.81	65.23	59.80	57.52	51.84
23527	1.97	1.89	1.84	1.85	1.84	2.14	3.22	2.76	2.47	2.21	2.17	2.15	2.21	2.20	2.15	2.04	2.08	3.33	3.40	2.91	2.72	2.57	2.30	2.12
	-20.61	-18.39	-14.47	-17.28	-14.84	-18.57	-2.48	-26.07	-32.26	-41.30	-42.02	-32.20	-23.87	-21.61	-21.92	-25.38	-35.07	-41.19	-20.06	-23.17	-18.63	-17.64	-19.77	-17.16
AIR_PRODUCTS___DRP	54.05	50.02	45.28	47.28	45.56	53.74	55.57	69.17	70.32	75.74	76.25	67.40	60.08	58.21	57.78	59.34	72.56	100.41	75.78	71.67	63.20	57.96	55.83	50.56
24190	1.55	1.46	1.40	1.39	1.39	1.60	1.20	0.93	0.90	0.85	0.81	0.83	0.82	0.83	0.81	0.77	0.70	1.11	1.15	1.00	0.88	0.91	0.82	1.01
	-20.22	-18.04	-14.19	-16.95	-14.56	-18.22	-2.44	-25.77	-31.93	-40.88	-41.59	-31.87	-23.62	-21.39	-21.69	-25.12	-34.71	-40.77	-19.86	-22.94	-18.44	-17.46	-19.57	-16.98
ALBANY___1	54.05	50.02	45.28	47.28	45.56	53.74	55.57	69.17	70.32	75.74	76.25	67.40	60.08	58.21	57.78	59.34	72.56	100.41	75.78	71.67	63.20	57.96	55.83	50.56
23571	1.55	1.46	1.40	1.39	1.39	1.60	1.20	0.93	0.90	0.85	0.81	0.83	0.82	0.83	0.81	0.77	0.70	1.11	1.15	1.00	0.88	0.91	0.82	1.01
	-20.22	-18.04	-14.19	-16.95	-14.56	-18.22	-2.44	-25.77	-31.93	-40.88	-41.59	-31.87	-23.62	-21.39	-21.69	-25.12	-34.71	-40.77	-19.86	-22.94	-18.44	-17.46	-19.57	-16.98
ALBANY___2	54.05	50.02	45.28	47.28	45.56	53.74	55.57	69.17	70.32	75.74	76.25	67.40	60.08	58.21	57.78	59.34	72.56	100.41	75.78	71.67	63.20	57.96	55.83	50.56
23572	1.55	1.46	1.40	1.39	1.39	1.60	1.20	0.93	0.90	0.85	0.81	0.83	0.82	0.83	0.81	0.77	0.70	1.11	1.15	1.00	0.88	0.91	0.82	1.01
	-20.22	-18.04	-14.19	-16.95	-14.56	-18.22	-2.44	-25.77	-31.93	-40.88	-41.59	-31.87	-23.62	-21.39	-21.69	-25.12	-34.71	-40.77	-19.86	-22.94	-18.44	-17.46	-19.57	-16.98
ALBANY___3	54.05	50.02	45.28	47.28	45.56	53.74	55.57	69.17	70.32	75.74	76.25	67.40	60.08	58.21	57.78	59.34	72.56	100.41	75.78	71.67	63.20	57.96	55.83	50.56
23573	1.55	1.46	1.40	1.39	1.39	1.60	1.20	0.93	0.90	0.85	0.81	0.83	0.82	0.83	0.81	0.77	0.70	1.11	1.15	1.00	0.88	0.91	0.82	1.01
	-20.22	-18.04	-14.19	-16.95	-14.56	-18.22	-2.44	-25.77	-31.93	-40.88	-41.59	-31.87	-23.62	-21.39	-21.69	-25.12	-34.71	-40.77	-19.86	-22.94	-18.44	-17.46	-19.57	-16.98
ALBANY___4	54.05	50.02	45.28	47.28	45.56	53.74	55.57	69.17	70.32	75.74	76.25	67.40	60.08	58.21	57.78	59.34	72.56	100.41	75.78	71.67	63.20	57.96	55.83	50.56
23574	1.55	1.46	1.40	1.39	1.39	1.60	1.20	0.93	0.90	0.85	0.81	0.83	0.82	0.83	0.81	0.77	0.70	1.11	1.15	1.00	0.88	0.91	0.82	1.01
	-20.22	-18.04	-14.19	-16.95	-14.56	-18.22	-2.44	-25.77	-31.93	-40.88	-41.59	-31.87	-23.62	-21.39	-21.69	-25.12	-34.71	-40.77	-19.86	-22.94	-18.44	-17.46	-19.57	-16.98



ALBANY___LFG	54.63	50.55	45.76	47.78	46.02	54.33	56.34	70.24	71.39	76.88	77.41	68.43	60.99	59.06	58.63	60.25	73.63	101.95	77.00	72.77	64.22	58.85	56.65	51.20
323615	1.74	1.65	1.60	1.56	1.57	1.83	1.92	1.61	1.50	1.39	1.36	1.39	1.39	1.37	1.34	1.30	1.26	2.05	2.08	1.77	1.62	1.54	1.35	1.40
	-20.61	-18.39	-14.47	-17.28	-14.84	-18.57	-2.49	-26.16	-32.40	-41.48	-42.20	-32.34	-23.97	-21.70	-22.01	-25.49	-35.22	-41.37	-20.15	-23.27	-18.72	-17.72	-19.86	-17.23
ALCOA_RYNLDS___DRP	31.14	29.36	28.54	27.67	28.34	32.91	51.05	41.49	36.59	33.02	33.04	33.90	34.85	35.27	34.54	32.72	36.40	57.42	53.40	46.77	43.00	38.84	34.81	32.08
24188	-1.13	-1.16	-1.16	-1.27	-1.27	-1.02	-0.88	-0.98	-0.90	-0.99	-0.81	-0.80	-0.78	-0.72	-0.74	-0.74	-0.74	-1.11	-1.37	-0.95	-0.88	-0.75	-0.64	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALLEGHENY___COGEN	35.41	33.25	31.88	31.62	31.93	36.77	52.12	47.00	42.65	40.26	40.10	39.45	39.20	39.20	38.52	37.15	41.92	64.42	58.34	51.33	46.84	42.46	38.34	35.20
23514	0.32	0.22	0.21	0.32	0.30	0.30	-0.16	0.89	0.68	0.64	0.54	0.38	0.50	0.43	0.42	0.43	0.26	0.59	0.99	0.62	0.57	0.59	0.35	0.42
	-2.82	-2.51	-1.98	-2.36	-2.03	-2.54	-0.34	-3.64	-4.49	-5.60	-5.70	-4.37	-3.07	-2.78	-2.82	-3.26	-4.51	-5.30	-2.58	-2.98	-2.40	-2.27	-2.55	-2.21
ALTONA_WT_PWR	31.47	29.70	28.83	27.96	28.63	33.39	51.98	41.83	36.92	33.23	33.21	34.11	35.03	35.45	34.71	32.86	36.66	57.95	53.84	47.20	43.30	39.08	34.95	32.14
323606	-0.81	-0.82	-0.86	-0.98	-0.98	-0.54	0.05	-0.64	-0.56	-0.78	-0.64	-0.59	-0.61	-0.54	-0.57	-0.60	-0.48	-0.59	-0.93	-0.52	-0.57	-0.52	-0.50	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AMERICAN_REF_FUEL	33.22	31.24	30.00	29.78	29.97	34.23	46.48	42.05	37.64	35.81	35.55	34.99	34.87	34.87	34.37	33.16	36.85	55.90	50.42	44.42	40.78	37.57	34.56	32.29
24010	-1.61	-1.56	-1.48	-1.30	-1.48	-2.00	-5.77	-3.74	-3.94	-3.30	-3.49	-3.68	-3.53	-3.63	-3.46	-3.24	-4.38	-7.43	-6.68	-6.02	-5.27	-4.08	-3.19	-2.28
	-2.55	-2.28	-1.79	-2.14	-1.84	-2.30	-0.31	-3.32	-4.09	-5.10	-5.18	-3.97	-2.77	-2.51	-2.54	-2.94	-4.09	-4.80	-2.34	-2.70	-2.17	-2.06	-2.31	-2.00
ARTHUR_KILL_GT_1	50.34	46.74	42.95	44.18	43.10	50.26	57.11	65.53	65.01	68.17	68.59	62.05	56.70	55.40	54.90	55.54	67.08	95.19	74.60	69.22	61.81	56.21	53.72	48.53
23520	2.65	2.47	2.44	2.32	2.40	2.44	3.33	2.97	2.81	2.55	2.57	2.71	2.81	2.88	2.86	2.68	3.12	5.15	4.49	3.77	3.69	3.13	3.15	2.83
	-15.42	-13.75	-10.82	-12.92	-11.10	-13.88	-1.85	-20.09	-24.71	-31.61	-32.16	-24.64	-18.26	-16.53	-16.76	-19.41	-26.82	-31.51	-15.34	-17.72	-14.25	-13.49	-15.13	-13.12
ARTHUR_KILL_2	50.34	46.74	42.95	44.18	43.10	50.26	57.11	65.53	65.01	68.17	68.59	62.05	56.70	55.40	54.90	55.54	67.08	95.19	74.60	69.22	61.81	56.21	53.72	48.53
23512	2.65	2.47	2.44	2.32	2.40	2.44	3.33	2.97	2.81	2.55	2.57	2.71	2.81	2.88	2.86	2.68	3.12	5.15	4.49	3.77	3.69	3.13	3.15	2.83
	-15.42	-13.75	-10.82	-12.92	-11.10	-13.88	-1.85	-20.09	-24.71	-31.61	-32.16	-24.64	-18.26	-16.53	-16.76	-19.41	-26.82	-31.51	-15.34	-17.72	-14.25	-13.49	-15.13	-13.12
ARTHUR_KILL_3	50.17	46.56	42.77	44.03	42.96	50.26	57.85	66.13	65.50	68.59	68.97	62.37	56.99	55.70	55.23	55.82	67.46	95.66	75.05	69.66	62.08	56.49	53.69	48.33
23513	2.49	2.29	2.26	2.17	2.25	2.44	4.05	3.57	3.30	2.96	2.94	3.02	3.10	3.17	3.18	2.95	3.49	5.62	4.93	4.20	3.95	3.41	3.12	2.64
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
ASHOKAN_____	50.95	47.23	43.16	44.66	43.43	51.06	57.63	67.55	67.20	70.74	71.09	63.99	58.18	56.70	56.17	57.01	69.38	98.36	76.67	71.20	63.20	57.42	54.54	49.06
23654	2.03	1.86	1.78	1.77	1.84	2.14	3.69	3.06	3.45	3.13	3.05	3.09	3.14	3.13	3.07	2.91	3.71	6.32	5.59	4.63	4.17	3.48	3.01	2.54
	-16.64	-14.85	-11.68	-13.95	-11.98	-14.99	-2.01	-22.03	-26.27	-33.61	-34.19	-26.20	-19.41	-17.58	-17.83	-20.64	-28.52	-33.50	-16.32	-18.85	-15.16	-14.35	-16.08	-13.95
ASTORIA_EAST_ENERGY_CC1	50.43	46.77	42.95	44.17	43.10	50.19	57.43	65.66	65.02	68.18	68.60	62.06	56.71	55.44	54.91	55.58	67.24	95.43	74.83	69.47	62.08	56.37	53.69	48.49
323581	2.74	2.50	2.44	2.32	2.40	2.37	3.63	3.10	2.81	2.55	2.57	2.71	2.81	2.91	2.86	2.71	3.27	5.38	4.71	4.01	3.95	3.28	3.12	2.80
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
ASTORIA_EAST_ENERGY_CC2	50.43	46.77	42.95	44.17	43.10	50.15	57.37	65.62	65.02	68.18	68.60	62.02	56.68	55.41	54.87	55.55	67.20	95.37	74.83	69.41	62.08	56.33	53.65	48.49
323582	2.74	2.50	2.44	2.32	2.40	2.34	3.58	3.06	2.81	2.55	2.57	2.67	2.78	2.88	2.82	2.68	3.23	5.33	4.71	3.96	3.95	3.25	3.08	2.80
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
ASTORIA_GT2_1	50.43	46.77	42.95	44.17	43.10	50.19	57.43	65.66	65.02	68.18	68.60	62.06	56.71	55.44	54.91	55.58	67.24	95.43	74.83	69.47	62.08	56.37	53.69	48.49
24094	2.74	2.50	2.44	2.32	2.40	2.37	3.63	3.10	2.81	2.55	2.57	2.71	2.81	2.91	2.86	2.71	3.27	5.38	4.71	4.01	3.95	3.28	3.12	2.80
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
ASTORIA_GT2_2	50.43	46.77	42.95	44.17	43.10	50.19	57.43	65.66	65.02	68.18	68.60	62.06	56.71	55.44	54.91	55.58	67.24	95.43	74.83	69.47	62.08	56.37	53.69	48.49
24095	2.74	2.50	2.44	2.32	2.40	2.37	3.63	3.10	2.81	2.55	2.57	2.71	2.81	2.91	2.86	2.71	3.27	5.38	4.71	4.01	3.95	3.28	3.12	2.80
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
ASTORIA_GT2_3	50.43	46.77	42.95	44.17	43.10	50.19	57.43	65.66	65.02	68.18	68.60	62.06	56.71	55.44	54.91	55.58	67.24	95.43	74.83	69.47	62.08	56.37	53.69	48.49
24096	2.74	2.50	2.44	2.32	2.40	2.37	3.63	3.10	2.81	2.55	2.57	2.71	2.81	2.91	2.86	2.71	3.27	5.38	4.71	4.01	3.95	3.28	3.12	2.80
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
ASTORIA_GT2_4	50.43	46.77	42.95	44.17	43.10	50.19	57.43	65.66	65.02	68.18	68.60	62.06	56.71	55.44	54.91	55.58	67.24	95.43	74.83	69.47	62.08	56.37	53.69	48.49
24097	2.74	2.50	2.44	2.32	2.40	2.37	3.63	3.10	2.81	2.55	2.57	2.71	2.81	2.91	2.86	2.71	3.27	5.38	4.71	4.01	3.95	3.28	3.12	2.80
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12
ASTORIA_GT3_1	50.43	46.77	42.95	44.17	43.10	50.19	57.43	65.66	65.02	68.18	68.60	62.06	56.71	55.44	54.91	55.58	67.24	95.43	74.83	69.47	62.08	56.37	53.69	48.49
24098	2.74	2.50	2.44	2.32	2.40	2.37	3.63	3.10	2.81	2.55	2.57	2.71	2.81	2.91	2.86	2.71	3.27	5.38	4.71	4.01	3.95	3.28	3.12	2.80
	-15.41	-13.75	-10.82	-12.92	-11.10	-13.88	-1.86	-20.10	-24.72	-31.62	-32.17	-24.65	-18.26	-16.53	-16.77	-19.42	-26.83	-31.51	-15.35	-17.73	-14.26	-13.50	-15.13	-13.12



ASTORIA_GT3_2 24099	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT3_3 24100	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT3_4 24101	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT4_1 24102	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT4_2 24103	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT4_3 24104	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT4_4 24105	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT_1 23523	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT_10 24110	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.64 3.84 -1.86	65.92 3.35 -20.10	65.31 3.11 -24.72	68.45 2.82 -31.62	68.83 2.81 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.54	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.67 5.62 -31.52	75.05 4.93 -15.35	69.56 4.11 -17.73	62.04 3.90 -14.26	56.45 3.36 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
ASTORIA_GT_11 24225	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.64 3.84 -1.86	65.92 3.35 -20.10	65.31 3.11 -24.72	68.45 2.82 -31.62	68.83 2.81 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.54	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.67 5.62 -31.52	75.05 4.93 -15.35	69.56 4.11 -17.73	62.04 3.90 -14.26	56.45 3.36 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
ASTORIA_GT_12 24226	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.64 3.84 -1.86	65.92 3.35 -20.10	65.31 3.11 -24.72	68.45 2.82 -31.62	68.83 2.81 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.54	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.67 5.62 -31.52	75.05 4.93 -15.35	69.56 4.11 -17.73	62.04 3.90 -14.26	56.45 3.36 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
ASTORIA_GT_13 24227	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.64 3.84 -1.86	65.92 3.35 -20.10	65.31 3.11 -24.72	68.45 2.82 -31.62	68.83 2.81 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.54	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.67 5.62 -31.52	75.05 4.93 -15.35	69.56 4.11 -17.73	62.04 3.90 -14.26	56.45 3.36 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
ASTORIA_GT_5 24106	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT_7 24107	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA_GT_8 24108	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA___2 24149	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12



ASTORIA___3 23516	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.64 3.84 -1.86	65.92 3.35 -20.10	65.31 3.11 -24.72	68.45 2.82 -31.62	68.83 2.81 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.54	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.67 5.62 -31.52	75.05 4.93 -15.35	69.56 4.11 -17.73	62.04 3.90 -14.26	56.45 3.36 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
ASTORIA___4 23517	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.88	57.43 3.63 -1.86	65.66 3.10 -20.10	65.02 2.81 -24.72	68.18 2.55 -31.62	68.60 2.57 -32.17	62.06 2.71 -24.65	56.71 2.81 -18.26	55.44 2.91 -16.53	54.91 2.86 -16.77	55.58 2.71 -19.42	67.24 3.27 -26.83	95.43 5.38 -31.51	74.83 4.71 -15.35	69.47 4.01 -17.73	62.08 3.95 -14.26	56.37 3.28 -13.50	53.69 3.12 -15.13	48.49 2.80 -13.12
ASTORIA___5 23518	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.64 3.84 -1.86	65.92 3.35 -20.10	65.31 3.11 -24.72	68.45 2.82 -31.62	68.83 2.81 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.54	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.67 5.62 -31.52	75.05 4.93 -15.35	69.56 4.11 -17.73	62.04 3.90 -14.26	56.45 3.36 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
AST_ENERGY_2_CC3 323677	50.14 2.45 -15.41	46.53 2.26 -13.75	42.74 2.23 -10.82	44.03 2.17 -12.92	42.93 2.22 -11.10	50.19 2.37 -13.88	57.69 3.90 -1.86	66.00 3.44 -20.10	65.35 3.15 -24.72	68.48 2.86 -31.62	68.87 2.84 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.53	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.72 5.68 -31.51	75.10 4.98 -15.35	69.66 4.20 -17.73	62.08 3.95 -14.26	56.49 3.41 -13.50	53.65 3.08 -15.13	48.33 2.64 -13.12
AST_ENERGY_2_CC4 323678	50.14 2.45 -15.41	46.53 2.26 -13.75	42.74 2.23 -10.82	44.03 2.17 -12.92	42.93 2.22 -11.10	50.19 2.37 -13.88	57.69 3.90 -1.86	66.00 3.44 -20.10	65.35 3.15 -24.72	68.48 2.86 -31.62	68.87 2.84 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.53	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.72 5.68 -31.51	75.10 4.98 -15.35	69.66 4.20 -17.73	62.08 3.95 -14.26	56.49 3.41 -13.50	53.65 3.08 -15.13	48.33 2.64 -13.12
ATHENS_STG_1 23668	51.11 1.58 -17.26	47.41 1.50 -15.39	43.26 1.45 -12.11	44.82 1.42 -14.46	43.51 1.48 -12.42	51.10 1.63 -15.54	56.56 2.54 -2.09	67.25 2.16 -22.62	67.31 1.95 -27.87	71.44 1.77 -35.67	71.90 1.76 -36.29	64.31 1.80 -27.81	58.09 1.85 -20.61	56.52 1.87 -18.66	56.04 1.83 -18.92	57.11 1.74 -21.91	69.42 2.00 -30.27	97.25 3.16 -35.56	74.99 2.90 -17.32	70.21 2.48 -20.00	62.24 2.28 -16.09	56.84 2.02 -15.23	54.32 1.81 -17.07	48.97 1.60 -14.81
ATHENS_STG_2 23670	51.11 1.58 -17.26	47.41 1.50 -15.39	43.26 1.45 -12.11	44.82 1.42 -14.46	43.51 1.48 -12.42	51.10 1.63 -15.54	56.56 2.54 -2.09	67.25 2.16 -22.62	67.31 1.95 -27.87	71.44 1.77 -35.67	71.90 1.76 -36.29	64.31 1.80 -27.81	58.09 1.85 -20.61	56.52 1.87 -18.66	56.04 1.83 -18.92	57.11 1.74 -21.91	69.42 2.00 -30.27	97.25 3.16 -35.56	74.99 2.90 -17.32	70.21 2.48 -20.00	62.24 2.28 -16.09	56.84 2.02 -15.23	54.32 1.81 -17.07	48.97 1.60 -14.81
ATHENS_STG_3 23677	51.11 1.58 -17.26	47.41 1.50 -15.39	43.26 1.45 -12.11	44.82 1.42 -14.46	43.51 1.48 -12.42	51.10 1.63 -15.54	56.56 2.54 -2.09	67.25 2.16 -22.62	67.31 1.95 -27.87	71.44 1.77 -35.67	71.90 1.76 -36.29	64.31 1.80 -27.81	58.09 1.85 -20.61	56.52 1.87 -18.66	56.04 1.83 -18.92	57.11 1.74 -21.91	69.42 2.00 -30.27	97.25 3.16 -35.56	74.99 2.90 -17.32	70.21 2.48 -20.00	62.24 2.28 -16.09	56.84 2.02 -15.23	54.32 1.81 -17.07	48.97 1.60 -14.81
BARRETT_IC_1 23704	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_10 23701	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_11 23702	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_12 23703	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_2 23705	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_3 23706	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_4 23707	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_5 23708	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15



BARRETT_IC_6 23709	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_7 23710	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_8 23711	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT_IC_9 23700	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT___1 23545	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BARRETT___2 23546	50.46 2.78 -15.42	46.65 2.38 -13.75	43.16 2.64 -10.82	44.23 2.37 -12.92	43.10 2.40 -11.10	50.19 2.37 -13.89	58.62 4.83 -1.86	66.39 3.82 -20.10	65.47 3.26 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.69 3.33 -24.65	57.43 3.53 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.16 3.28 -19.42	67.95 3.98 -26.83	99.80 6.73 -34.54	77.41 6.08 -16.57	70.66 5.16 -17.78	64.23 4.74 -15.61	60.46 4.16 -16.71	55.04 3.62 -15.98	48.98 3.26 -13.15
BAYONEEC___CTG1 323682	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.12 3.33 -1.86	65.37 2.80 -20.10	64.83 2.62 -24.72	67.97 2.34 -31.62	68.39 2.37 -32.17	61.81 2.46 -24.65	56.78 2.88 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	66.90 2.93 -26.83	94.85 4.80 -31.51	74.28 4.16 -15.35	68.94 3.48 -17.73	61.42 3.29 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
BAYONEEC___CTG2 323683	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.12 3.33 -1.86	65.37 2.80 -20.10	64.83 2.62 -24.72	67.97 2.34 -31.62	68.39 2.37 -32.17	61.81 2.46 -24.65	56.78 2.88 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	66.90 2.93 -26.83	94.85 4.80 -31.51	74.28 4.16 -15.35	68.94 3.48 -17.73	61.42 3.29 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
BAYONEEC___CTG3 323684	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.12 3.33 -1.86	65.37 2.80 -20.10	64.83 2.62 -24.72	67.97 2.34 -31.62	68.39 2.37 -32.17	61.81 2.46 -24.65	56.78 2.88 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	66.90 2.93 -26.83	94.85 4.80 -31.51	74.28 4.16 -15.35	68.94 3.48 -17.73	61.42 3.29 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
BAYONEEC___CTG4 323685	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.12 3.33 -1.86	65.37 2.80 -20.10	64.83 2.62 -24.72	67.97 2.34 -31.62	68.39 2.37 -32.17	61.81 2.46 -24.65	56.78 2.88 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	66.90 2.93 -26.83	94.85 4.80 -31.51	74.28 4.16 -15.35	68.94 3.48 -17.73	61.42 3.29 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
BAYONEEC___CTG5 323686	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.12 3.33 -1.86	65.37 2.80 -20.10	64.83 2.62 -24.72	67.97 2.34 -31.62	68.39 2.37 -32.17	61.81 2.46 -24.65	56.78 2.88 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	66.90 2.93 -26.83	94.85 4.80 -31.51	74.28 4.16 -15.35	68.94 3.48 -17.73	61.42 3.29 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
BAYONEEC___CTG6 323687	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.12 3.33 -1.86	65.37 2.80 -20.10	64.83 2.62 -24.72	67.97 2.34 -31.62	68.39 2.37 -32.17	61.81 2.46 -24.65	56.78 2.88 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	66.90 2.93 -26.83	94.85 4.80 -31.51	74.28 4.16 -15.35	68.94 3.48 -17.73	61.42 3.29 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
BAYONEEC___CTG7 323688	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.12 3.33 -1.86	65.37 2.80 -20.10	64.83 2.62 -24.72	67.97 2.34 -31.62	68.39 2.37 -32.17	61.81 2.46 -24.65	56.78 2.88 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	66.90 2.93 -26.83	94.85 4.80 -31.51	74.28 4.16 -15.35	68.94 3.48 -17.73	61.42 3.29 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
BAYONEEC___CTG8 323689	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.12 3.33 -1.86	65.37 2.80 -20.10	64.83 2.62 -24.72	67.97 2.34 -31.62	68.39 2.37 -32.17	61.81 2.46 -24.65	56.78 2.88 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	66.90 2.93 -26.83	94.85 4.80 -31.51	74.28 4.16 -15.35	68.94 3.48 -17.73	61.42 3.29 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
BEACON___LESR 323632	54.25 1.81 -20.17	50.19 1.68 -17.99	45.48 1.63 -14.16	47.47 1.62 -16.91	45.73 1.60 -14.52	54.00 1.90 -18.17	56.60 2.23 -2.44	69.95 1.78 -25.70	70.98 1.65 -31.85	76.30 1.53 -40.76	76.82 1.49 -41.47	67.97 1.49 -31.78	60.69 1.50 -23.56	58.83 1.51 -21.33	58.39 1.48 -21.63	59.94 1.44 -25.05	73.20 1.45 -34.61	101.53 2.34 -40.66	76.92 2.35 -19.80	72.60 2.00 -22.87	64.11 1.84 -18.39	58.70 1.70 -17.41	56.48 1.52 -19.52	51.03 1.53 -16.93
BEAVER RIVER___HYD 24048	33.03 0.42 -0.34	31.09 0.27 -0.30	30.20 0.27 -0.24	29.45 0.23 -0.28	30.12 0.27 -0.24	34.78 0.54 -0.31	53.22 1.24 -0.04	44.27 1.19 -0.62	39.26 1.01 -0.76	35.82 0.85 -0.96	35.82 0.98 -0.98	36.39 0.94 -0.75	37.14 1.03 -0.47	37.43 1.01 -0.43	36.66 0.95 -0.43	34.86 0.90 -0.50	38.89 1.04 -0.71	61.23 1.87 -0.83	56.98 1.80 -0.40	49.82 1.62 -0.47	45.70 1.45 -0.37	41.09 1.15 -0.35	36.87 1.03 -0.40	33.76 0.85 -0.34



BEEBEE_GT_13 23619	33.99 -0.32 -2.04	32.03 -0.31 -1.82	30.83 -0.30 -1.43	30.45 -0.20 -1.71	30.81 -0.27 -1.47	35.33 -0.44 -1.84	50.67 -1.51 -0.25	44.63 -0.47 -2.63	40.20 -0.52 -3.24	37.68 -0.34 -4.01	37.56 -0.37 -4.08	37.30 -0.52 -3.13	37.41 -0.36 -2.13	37.49 -0.43 -1.93	36.85 -0.39 -1.96	35.42 -0.30 -2.26	39.66 -0.67 -3.18	61.10 -1.17 -3.74	55.77 -0.82 -1.82	48.88 -0.95 -2.10	44.73 -0.83 -1.69	40.64 -0.55 -1.60	36.67 -0.57 -1.79	33.80 -0.33 -1.56
BETHLEHEM___GRP 23843	54.05 1.55 -20.22	50.02 1.46 -18.04	45.28 1.40 -14.19	47.28 1.39 -16.95	45.56 1.39 -14.56	53.74 1.60 -18.22	55.57 1.20 -2.44	69.17 0.93 -25.77	70.32 0.90 -31.93	75.74 0.85 -40.88	76.25 0.81 -41.59	67.40 0.83 -31.87	60.08 0.82 -23.62	58.21 0.83 -21.39	57.78 0.81 -21.69	59.34 0.77 -25.12	72.56 0.70 -34.71	100.41 1.11 -40.77	75.78 1.15 -19.86	71.67 1.00 -22.94	63.20 0.88 -18.44	57.96 0.91 -17.46	55.83 0.82 -19.57	50.56 1.01 -16.98
BETHLEHEM___GS1 323560	54.05 1.55 -20.22	50.02 1.46 -18.04	45.28 1.40 -14.19	47.28 1.39 -16.95	45.56 1.39 -14.56	53.74 1.60 -18.22	55.57 1.20 -2.44	69.17 0.93 -25.77	70.32 0.90 -31.93	75.74 0.85 -40.88	76.25 0.81 -41.59	67.40 0.83 -31.87	60.08 0.82 -23.62	58.21 0.83 -21.39	57.78 0.81 -21.69	59.34 0.77 -25.12	72.56 0.70 -34.71	100.41 1.11 -40.77	75.78 1.15 -19.86	71.67 1.00 -22.94	63.20 0.88 -18.44	57.96 0.91 -17.46	55.83 0.82 -19.57	50.56 1.01 -16.98
BETHLEHEM___GS2 323561	54.05 1.55 -20.22	50.02 1.46 -18.04	45.28 1.40 -14.19	47.28 1.39 -16.95	45.56 1.39 -14.56	53.74 1.60 -18.22	55.57 1.20 -2.44	69.17 0.93 -25.77	70.32 0.90 -31.93	75.74 0.85 -40.88	76.25 0.81 -41.59	67.40 0.83 -31.87	60.08 0.82 -23.62	58.21 0.83 -21.39	57.78 0.81 -21.69	59.34 0.77 -25.12	72.56 0.70 -34.71	100.41 1.11 -40.77	75.78 1.15 -19.86	71.67 1.00 -22.94	63.20 0.88 -18.44	57.96 0.91 -17.46	55.83 0.82 -19.57	50.56 1.01 -16.98
BETHLEHEM___GS3 323562	54.05 1.55 -20.22	50.02 1.46 -18.04	45.28 1.40 -14.19	47.28 1.39 -16.95	45.56 1.39 -14.56	53.74 1.60 -18.22	55.57 1.20 -2.44	69.17 0.93 -25.77	70.32 0.90 -31.93	75.74 0.85 -40.88	76.25 0.81 -41.59	67.40 0.83 -31.87	60.08 0.82 -23.62	58.21 0.83 -21.39	57.78 0.81 -21.69	59.34 0.77 -25.12	72.56 0.70 -34.71	100.41 1.11 -40.77	75.78 1.15 -19.86	71.67 1.00 -22.94	63.20 0.88 -18.44	57.96 0.91 -17.46	55.83 0.82 -19.57	50.56 1.01 -16.98
BETHLEHEM___STEEL 23779	33.84 -1.16 -2.72	31.82 -1.13 -2.43	30.48 -1.13 -1.91	30.27 -0.95 -2.28	30.51 -1.06 -1.96	34.89 -1.49 -2.45	48.16 -4.10 -0.33	43.62 -2.38 -3.53	39.36 -2.48 -4.35	37.36 -2.08 -5.43	37.15 -2.24 -5.53	36.50 -2.43 -4.23	36.28 -2.32 -2.97	36.27 -2.41 -2.69	35.71 -2.29 -2.72	34.47 -2.14 -3.15	38.51 -3.01 -4.37	58.63 -5.03 -5.14	52.89 -4.38 -2.50	46.51 -4.10 -2.89	42.69 -3.51 -2.32	39.06 -2.73 -2.20	35.71 -2.20 -2.47	33.15 -1.56 -2.14
BETHPAGE_CC_5 323564	50.50 2.81 -15.42	46.68 2.41 -13.75	43.10 2.58 -10.82	44.15 2.29 -12.92	43.05 2.34 -11.10	50.23 2.41 -13.89	58.78 4.99 -1.86	66.52 3.95 -20.10	65.54 3.34 -24.72	68.42 2.79 -31.62	68.77 2.74 -32.17	62.72 3.36 -24.65	57.46 3.56 -18.27	56.02 3.49 -16.54	55.47 3.42 -16.77	56.19 3.31 -19.42	67.99 4.01 -26.83	99.79 6.73 -34.53	77.41 6.08 -16.57	70.61 5.11 -17.78	64.27 4.78 -15.61	60.46 4.16 -16.71	55.07 3.65 -15.98	48.98 3.26 -13.15
BINGHAMTON___COGEN 23790	37.70 0.26 -5.17	35.38 0.24 -4.61	33.56 0.24 -3.63	33.57 0.29 -4.34	33.60 0.27 -3.72	38.83 0.24 -4.66	52.77 0.21 -0.63	49.68 0.55 -6.66	46.15 0.45 -8.21	44.64 0.34 -10.29	44.56 0.24 -10.47	42.97 0.24 -8.02	41.78 0.32 -5.82	41.55 0.29 -5.27	40.91 0.28 -5.35	39.92 0.27 -6.19	45.88 0.22 -8.51	68.94 0.41 -10.00	60.18 0.55 -4.87	53.69 0.34 -5.62	48.75 0.35 -4.52	44.23 0.36 -4.28	40.46 0.21 -4.80	36.99 0.26 -4.16
BLACK RIVER___HYD 24047	33.79 0.84 -0.68	31.80 0.67 -0.61	30.82 0.65 -0.48	30.12 0.61 -0.57	30.78 0.68 -0.49	35.56 1.02 -0.61	54.04 2.02 -0.08	45.37 1.91 -0.99	40.39 1.69 -1.22	37.06 1.49 -1.56	37.07 1.63 -1.59	37.51 1.60 -1.22	38.12 1.71 -0.78	38.39 1.69 -0.70	37.58 1.59 -0.71	35.82 1.54 -0.83	40.06 1.75 -1.17	63.00 3.10 -1.37	58.50 3.07 -0.67	51.22 2.72 -0.77	46.91 2.41 -0.62	41.96 1.78 -0.59	37.70 1.60 -0.57	34.44 1.30 -0.57
BLISS_WT_PWR 323608	35.06 0.00 -2.79	32.89 -0.12 -2.49	31.50 -0.15 -1.96	31.28 0.00 -2.34	31.56 -0.06 -2.01	36.34 -0.10 -2.51	50.92 -1.35 -0.34	46.44 0.34 -3.63	42.07 0.11 -4.47	39.73 0.14 -5.58	39.47 -0.07 -5.68	38.77 -0.28 -4.35	38.51 -0.18 -3.06	38.51 -0.25 -2.77	37.80 -0.28 -2.81	36.44 -0.27 -3.25	40.90 -0.74 -4.50	62.77 -1.05 -5.29	56.74 -0.60 -2.58	49.80 -0.91 -2.98	45.61 -0.66 -2.39	41.46 -0.40 -2.27	37.52 -0.46 -2.54	34.64 -0.13 -2.20
BLUE_CIRC_CHEM_DRP 24182	53.41 1.23 -19.91	49.43 1.16 -17.76	44.79 1.13 -13.97	46.72 1.10 -16.68	45.04 1.10 -14.33	53.08 1.22 -17.93	55.95 1.61 -2.41	69.21 1.27 -25.47	70.24 1.20 -31.55	75.49 1.09 -40.39	76.03 1.08 -41.09	67.30 1.11 -31.49	60.08 1.11 -23.34	58.24 1.12 -21.13	57.81 1.09 -21.43	59.31 1.04 -24.82	72.40 0.96 -34.29	100.33 1.52 -40.28	75.81 1.42 -19.62	71.63 1.24 -22.66	63.24 1.14 -18.22	58.07 1.23 -17.25	55.91 1.13 -19.34	50.42 1.07 -16.78
BOC_GAS_DRP 24189	53.60 1.19 -20.13	49.60 1.13 -17.95	44.92 1.10 -14.13	46.91 1.10 -16.87	45.20 1.10 -14.49	53.28 1.22 -18.13	55.87 1.51 -2.43	69.47 1.27 -25.73	70.54 1.16 -31.89	75.88 1.06 -40.82	76.43 1.05 -41.53	67.60 1.08 -31.82	60.29 1.07 -23.59	58.43 1.08 -21.36	58.00 1.06 -21.66	59.54 1.00 -25.08	72.84 1.04 -34.66	100.82 1.58 -40.71	76.13 1.53 -19.83	71.96 1.33 -22.90	63.52 1.23 -18.42	58.21 1.19 -17.43	56.05 1.06 -19.54	50.57 1.04 -16.96
BORALEX_4TH_BRANCH 23824	54.86 1.97 -20.61	50.80 1.89 -18.39	46.00 1.84 -14.47	48.07 1.85 -17.28	46.29 1.84 -14.84	54.64 2.14 -18.57	57.63 3.22 -2.48	71.30 2.76 -26.07	72.22 2.47 -32.26	77.52 2.21 -41.30	78.04 2.17 -42.02	69.05 2.15 -32.20	61.71 2.21 -23.87	59.80 2.20 -21.61	59.35 2.15 -21.92	60.88 2.04 -25.38	74.29 2.08 -35.07	103.06 3.33 -41.19	78.23 3.40 -20.06	73.81 2.91 -23.17	65.23 2.72 -18.63	59.80 2.57 -17.64	57.52 2.30 -19.77	51.84 2.12 -17.16
BOWLINE___1 23526	49.46 2.13 -15.06	45.93 1.98 -13.43	42.22 1.96 -10.57	43.47 1.91 -12.62	42.44 1.98 -10.84	49.64 2.14 -13.57	57.38 3.63 -1.82	65.36 3.19 -19.70	64.56 2.85 -24.23	67.55 2.55 -30.99	67.93 2.54 -31.53	61.53 2.67 -24.16	56.31 2.78 -17.90	55.01 2.81 -16.21	54.47 2.75 -16.44	55.10 2.61 -19.03	66.59 3.16 -26.29	94.62 5.21 -30.89	74.41 4.60 -15.04	68.92 3.82 -17.37	61.40 3.55 -13.97	55.82 3.01 -13.23	52.93 2.66 -14.83	47.71 2.28 -12.86
BOWLINE___2 23595	49.46 2.13 -15.06	45.97 2.01 -13.43	42.22 1.96 -10.57	43.47 1.91 -12.62	42.44 1.98 -10.84	49.64 2.14 -13.57	57.39 3.63 -1.82	65.40 3.23 -19.71	64.60 2.89 -24.23	67.59 2.58 -30.99	67.96 2.57 -31.53	61.57 2.71 -24.16	56.35 2.81 -17.90	55.04 2.84 -16.21	54.50 2.79 -16.44	55.13 2.64 -19.03	66.63 3.19 -26.30	94.69 5.27 -30.89	74.46 4.65 -15.04	68.97 3.86 -17.38	61.45 3.60 -13.97	55.91 3.09 -13.23	53.00 2.73 -14.83	47.74 2.31 -12.86
BROOKHAVEN___DRP 24191	51.18 3.49 -15.42	47.14 2.87 -13.75	43.66 3.15 -10.82	44.61 2.75 -12.92	43.49 2.78 -11.10	50.74 2.92 -13.89	60.44 6.65 -1.86	67.79 5.22 -20.10	66.55 4.35 -24.72	69.20 3.57 -31.62	69.35 3.32 -32.17	63.55 4.20 -24.65	58.24 4.35 -18.27	56.63 4.10 -16.54	56.07 4.02 -16.77	56.79 3.91 -19.42	68.91 4.94 -26.83	101.26 8.19 -34.53	78.94 7.61 -16.57	71.90 6.40 -17.78	65.58 6.10 -15.61	61.37 5.07 -16.71	55.85 4.43 -15.98	49.66 3.94 -13.15



BROOKLYN_NAVY_YARD 23515	50.07 2.39 -15.41	46.49 2.23 -13.75	42.71 2.20 -10.82	43.97 2.11 -12.92	42.90 2.19 -11.10	50.19 2.37 -13.88	57.74 3.94 -1.86	66.13 3.57 -20.10	65.50 3.30 -24.72	68.55 2.93 -31.62	68.94 2.91 -32.17	62.37 3.02 -24.65	57.03 3.14 -18.26	55.73 3.20 -16.53	55.23 3.18 -16.77	55.85 2.98 -19.42	67.54 3.57 -26.83	95.84 5.80 -31.51	75.21 5.09 -15.35	69.75 4.30 -17.73	62.12 3.99 -14.26	56.53 3.44 -13.50	53.62 3.05 -15.13	48.30 2.61 -13.12
BROOKLYN___ARMY_DRP 323595	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
BROOME___LFGE 323600	37.70 0.26 -5.17	35.38 0.24 -4.61	33.56 0.24 -3.63	33.57 0.29 -4.34	33.60 0.27 -3.72	38.83 0.24 -4.66	52.77 0.21 -0.63	49.68 0.55 -6.66	46.15 0.45 -8.21	44.64 0.34 -10.29	44.56 0.24 -10.47	42.97 0.24 -8.02	41.78 0.32 -5.82	41.55 0.29 -5.27	40.91 0.28 -5.35	39.92 0.27 -6.19	45.88 0.22 -8.51	68.94 0.41 -10.00	60.18 0.55 -4.87	53.69 0.34 -5.62	48.75 0.35 -4.52	44.23 0.36 -4.28	40.46 0.21 -4.80	36.99 0.26 -4.16
BURROWS___LYONSDAL 23803	32.73 0.45 0.00	30.85 0.34 0.00	30.02 0.33 0.00	29.26 0.32 0.00	29.97 0.36 0.00	34.47 0.54 0.00	53.02 1.09 0.00	44.05 1.10 -0.49	39.10 1.01 -0.60	35.59 0.85 -0.73	35.52 0.91 -0.75	36.14 0.87 -0.57	36.91 0.92 -0.36	37.22 0.90 -0.32	36.45 0.85 -0.33	34.64 0.80 -0.38	38.60 0.93 -0.53	60.79 1.64 -0.62	56.71 1.64 -0.30	49.56 1.48 -0.35	45.43 1.27 -0.28	40.81 0.95 -0.27	36.59 0.85 -0.30	33.51 0.69 -0.26
CAITHNESS_CC_1 323624	51.08 3.39 -15.42	47.08 2.81 -13.75	43.57 3.06 -10.82	44.55 2.69 -12.92	43.43 2.72 -11.10	50.67 2.85 -13.89	60.23 6.44 -1.86	67.66 5.09 -20.10	66.44 4.23 -24.72	69.10 3.47 -31.62	69.28 3.25 -32.17	63.45 4.09 -24.65	58.14 4.24 -18.27	56.56 4.03 -16.54	55.97 3.92 -16.77	56.72 3.85 -19.42	68.77 4.79 -26.83	101.02 7.96 -34.53	78.72 7.39 -16.57	71.75 6.25 -17.78	65.45 5.97 -15.61	61.25 4.95 -16.71	55.74 4.32 -15.98	49.59 3.87 -13.15
CALPINE BETH_PAGE_GT4 24209	50.43 2.74 -15.42	46.62 2.35 -13.75	43.04 2.52 -10.82	44.09 2.23 -12.92	43.02 2.31 -11.10	50.16 2.34 -13.89	58.52 4.73 -1.86	66.31 3.74 -20.10	65.39 3.18 -24.72	68.29 2.65 -31.62	68.64 2.61 -32.17	62.54 3.19 -24.65	57.32 3.42 -18.27	55.84 3.31 -16.54	55.30 3.24 -16.77	56.02 3.14 -19.42	67.80 3.83 -26.83	99.56 6.50 -34.53	77.14 5.80 -16.57	70.42 4.92 -17.78	64.05 4.56 -15.61	60.26 3.96 -16.71	54.89 3.48 -15.98	48.88 3.16 -13.15
CALPINE_BETH_PAGE_GT_4 323586	50.43 2.74 -15.42	46.62 2.35 -13.75	43.04 2.52 -10.82	44.09 2.23 -12.92	43.02 2.31 -11.10	50.16 2.34 -13.89	58.52 4.73 -1.86	66.31 3.74 -20.10	65.39 3.18 -24.72	68.29 2.65 -31.62	68.64 2.61 -32.17	62.54 3.19 -24.65	57.32 3.42 -18.27	55.84 3.31 -16.54	55.30 3.24 -16.77	56.02 3.14 -19.42	67.80 3.83 -26.83	99.56 6.50 -34.53	77.14 5.80 -16.57	70.42 4.92 -17.78	64.05 4.56 -15.61	60.26 3.96 -16.71	54.89 3.48 -15.98	48.88 3.16 -13.15
CALPINE_BP_GT1 23823	50.43 2.74 -15.42	46.62 2.35 -13.75	43.04 2.52 -10.82	44.09 2.23 -12.92	43.02 2.31 -11.10	50.16 2.34 -13.89	58.52 4.73 -1.86	66.31 3.74 -20.10	65.39 3.18 -24.72	68.29 2.65 -31.62	68.64 2.61 -32.17	62.54 3.19 -24.65	57.32 3.42 -18.27	55.84 3.31 -16.54	55.30 3.24 -16.77	56.02 3.14 -19.42	67.80 3.83 -26.83	99.56 6.50 -34.53	77.14 5.80 -16.57	70.42 4.92 -17.78	64.05 4.56 -15.61	60.26 3.96 -16.71	54.89 3.48 -15.98	48.88 3.16 -13.15
CALSPAN___DRP 24200	33.84 -1.16 -2.72	31.82 -1.13 -2.43	30.48 -1.13 -1.91	30.27 -0.95 -2.28	30.51 -1.06 -1.96	34.89 -1.49 -2.45	48.16 -4.10 -0.33	43.62 -2.38 -3.53	39.36 -2.48 -4.35	37.36 -2.08 -5.43	37.15 -2.24 -5.53	36.50 -2.43 -4.23	36.28 -2.32 -2.97	36.27 -2.41 -2.69	35.71 -2.29 -2.72	34.47 -2.14 -3.15	38.51 -3.01 -4.37	58.63 -5.03 -5.14	52.89 -4.38 -2.50	46.51 -4.10 -2.89	42.69 -3.51 -2.32	39.06 -2.73 -2.20	35.71 -2.20 -2.47	33.15 -1.56 -2.14
CANDIGU_WT_PWR 323617	35.57 -0.26 -3.55	33.41 -0.28 -3.17	31.92 -0.27 -2.49	31.80 -0.12 -2.98	31.96 -0.21 -2.56	36.76 -0.37 -3.20	51.01 -1.35 -0.43	46.73 -0.34 -4.60	42.71 -0.45 -5.67	40.70 -0.41 -7.10	40.50 -0.58 -7.22	39.57 -0.66 -5.53	39.01 -0.57 -3.95	38.92 -0.65 -3.57	38.30 -0.60 -3.62	37.09 -0.57 -4.20	41.99 -0.93 -5.77	63.85 -1.46 -6.78	57.03 -1.04 -3.30	50.35 -1.19 -3.82	45.98 -0.97 -3.07	41.78 -0.71 -2.90	38.06 -0.64 -3.26	35.04 -0.36 -2.82
CARR STREET_E_SYR 24060	33.50 -0.22 -1.45	31.57 -0.25 -1.30	30.48 -0.24 -1.02	29.96 -0.20 -1.22	30.45 -0.21 -1.05	34.97 -0.27 -1.31	51.59 -0.52 -0.18	44.50 0.00 -2.03	39.95 -0.04 -2.50	36.99 -0.03 -3.01	36.86 -0.07 -3.07	36.95 -0.10 -2.35	37.22 0.04 -1.56	37.40 0.00 -1.41	36.71 0.00 -1.43	35.15 0.03 -1.66	39.43 -0.04 -2.33	61.26 0.00 -2.73	56.21 0.11 -1.33	49.31 0.05 -1.54	45.11 0.00 -1.24	40.72 -0.04 -1.17	36.65 -0.11 -1.31	33.61 -0.10 -1.14
CARTHAGE___PAPER 23857	33.54 0.68 -0.59	31.56 0.52 -0.52	30.61 0.50 -0.41	29.89 0.46 -0.49	30.56 0.53 -0.42	35.31 0.85 -0.53	53.77 1.77 -0.07	44.96 1.61 -0.88	40.04 1.46 -1.09	36.66 1.26 -1.39	36.66 1.39 -1.42	37.14 1.35 -1.09	37.78 1.46 -0.69	38.06 1.44 -0.63	37.25 1.34 -0.63	35.50 1.30 -0.73	39.67 1.49 -1.04	62.39 2.64 -1.22	57.99 2.63 -0.59	50.75 2.34 -0.69	46.49 2.06 -0.55	41.66 1.54 -0.52	37.41 1.38 -0.58	34.22 1.14 -0.51
CE_DUNWOOD___DRP 24194	49.95 2.29 -15.39	46.38 2.14 -13.73	42.60 2.11 -10.80	43.86 2.03 -12.90	42.79 2.10 -11.08	50.07 2.27 -13.86	57.69 3.90 -1.86	65.98 3.44 -20.08	65.28 3.11 -24.69	68.41 2.82 -31.58	68.80 2.81 -32.13	62.27 2.95 -24.62	56.94 3.06 -18.24	55.60 3.10 -16.52	55.07 3.03 -16.75	55.73 2.88 -19.39	67.39 3.45 -26.80	95.63 5.62 -31.48	75.08 4.98 -15.33	69.64 4.20 -17.71	61.98 3.86 -14.24	56.40 3.33 -13.48	53.49 2.94 -15.11	48.22 2.54 -13.11
CE_MILLWOOD___DRP 24193	49.81 2.20 -15.34	46.28 2.08 -13.69	42.48 2.02 -10.77	43.77 1.97 -12.86	42.70 2.04 -11.05	49.96 2.20 -13.82	57.57 3.79 -1.85	65.81 3.31 -20.03	65.15 3.03 -24.63	68.24 2.72 -31.51	68.62 2.71 -32.05	62.11 2.85 -24.57	56.75 2.92 -18.20	55.46 2.99 -16.48	54.92 2.93 -16.71	55.58 2.78 -19.35	67.22 3.34 -26.73	95.38 5.44 -31.40	74.88 4.82 -15.29	69.45 4.05 -17.67	61.81 3.73 -14.21	56.24 3.21 -13.45	53.35 2.84 -15.07	48.09 2.44 -13.08
CE_NYC2_DRP 24202	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.29 2.48 -13.88	57.69 3.90 -1.86	65.96 3.40 -20.10	65.39 3.18 -24.72	68.49 2.86 -31.62	68.90 2.88 -32.17	62.37 3.02 -24.65	57.03 3.14 -18.26	55.77 3.24 -16.54	55.23 3.18 -16.77	55.85 2.98 -19.42	67.50 3.53 -26.83	95.79 5.74 -31.52	75.10 4.98 -15.35	69.66 4.20 -17.73	62.08 3.95 -14.26	56.49 3.41 -13.50	53.72 3.15 -15.13	48.46 2.77 -13.12
CE_NYC_DRP 24195	50.21 2.52 -15.41	46.58 2.32 -13.75	42.80 2.29 -10.82	44.06 2.20 -12.92	42.99 2.28 -11.10	50.26 2.44 -13.88	57.85 4.05 -1.86	66.17 3.61 -20.10	65.50 3.30 -24.72	68.62 2.99 -31.62	69.00 2.98 -32.17	62.48 3.12 -24.65	57.14 3.24 -18.26	55.84 3.31 -16.53	55.33 3.28 -16.77	55.95 3.08 -19.42	67.61 3.64 -26.83	95.95 5.91 -31.51	75.32 5.21 -15.35	69.84 4.39 -17.73	62.21 4.08 -14.26	56.61 3.52 -13.49	53.72 3.15 -15.13	48.39 2.70 -13.12



CHAFEE___LFGE 323603	34.35 -0.68 -2.76	32.24 -0.73 -2.46	30.89 -0.74 -1.93	30.67 -0.58 -2.31	30.91 -0.68 -1.98	35.50 -0.91 -2.48	49.36 -2.91 -0.33	44.90 -1.14 -3.58	40.62 -1.27 -4.41	38.46 -1.05 -5.50	38.21 -1.25 -5.60	37.54 -1.46 -4.29	37.29 -1.35 -3.01	37.24 -1.48 -2.73	36.63 -1.41 -2.76	35.35 -1.31 -3.20	39.61 -1.97 -4.44	60.64 -3.10 -5.21	54.73 -2.57 -2.54	48.13 -2.53 -2.93	44.13 -2.11 -2.36	40.24 -1.58 -2.23	36.53 -1.42 -2.50	33.76 -0.98 -2.17
CHATEAUG_WT_PWR 323614	31.40 -0.87 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.90 -1.04 0.00	28.57 -1.04 0.00	33.29 -0.65 0.00	51.72 -0.21 0.00	41.74 -0.72 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.15 -0.71 0.00	34.04 -0.66 0.00	34.95 -0.68 0.00	35.38 -0.61 0.00	34.65 -0.63 0.00	32.79 -0.67 0.00	36.59 -0.56 0.00	57.77 -0.76 0.00	53.73 -1.04 0.00	47.06 -0.67 0.00	43.22 -0.66 0.00	39.00 -0.59 0.00	34.91 -0.53 0.00	32.11 -0.46 0.00
CHAT_HIGH_FALL_HYD 323578	31.31 -0.97 0.00	29.51 -1.01 0.00	28.68 -1.01 0.00	27.81 -1.13 0.00	28.48 -1.13 0.00	33.22 -0.71 0.00	51.67 -0.26 0.00	41.74 -0.72 0.00	36.85 -0.64 0.00	33.19 -0.82 0.00	33.18 -0.68 0.00	34.04 -0.66 0.00	34.95 -0.68 0.00	35.38 -0.61 0.00	34.65 -0.63 0.00	32.79 -0.67 0.00	36.59 -0.56 0.00	57.83 -0.70 0.00	53.78 -0.98 0.00	47.16 -0.57 0.00	43.26 -0.61 0.00	39.00 -0.59 0.00	34.91 -0.53 0.00	32.11 -0.46 0.00
CHAUTAUQUA___LFGE 323629	34.24 -0.90 -2.87	32.20 -0.89 -2.56	30.82 -0.89 -2.02	30.65 -0.69 -2.41	30.88 -0.80 -2.07	35.37 -1.15 -2.59	49.27 -3.01 -0.35	45.02 -1.23 -3.78	40.95 -1.20 -4.66	38.67 -1.16 -5.82	38.42 -1.36 -5.92	37.78 -1.46 -4.54	37.44 -1.39 -3.20	37.41 -1.48 -2.89	36.77 -1.45 -2.93	35.48 -1.37 -3.40	39.88 -1.97 -4.70	61.01 -3.05 -5.52	55.05 -2.41 -2.69	48.26 -2.58 -3.11	44.27 -2.11 -2.50	40.30 -1.66 -2.37	36.54 -1.56 -2.65	33.76 -1.11 -2.30
CH_MIDHUDSON___DRP 24192	50.98 2.26 -16.45	47.33 2.14 -14.68	43.29 2.05 -11.55	44.75 2.03 -13.79	43.56 2.10 -11.85	51.06 2.31 -14.82	57.82 3.90 -1.99	67.33 3.40 -21.46	66.96 3.11 -26.36	70.53 2.79 -33.73	70.95 2.78 -34.31	63.88 2.88 -26.30	58.07 2.96 -19.49	56.62 2.99 -17.64	56.10 2.93 -17.89	56.95 2.78 -20.72	69.15 3.38 -28.63	97.72 5.56 -33.63	76.08 4.93 -16.38	70.75 4.11 -18.92	62.86 3.77 -15.21	57.24 3.25 -14.40	54.45 2.87 -16.14	49.05 2.47 -14.00
CH_MISC_IPPS 23765	50.49 2.42 -15.80	46.90 2.29 -14.09	42.95 2.17 -11.09	44.35 2.17 -13.24	43.23 2.25 -11.38	50.67 2.51 -14.23	58.10 4.26 -1.91	66.87 3.74 -20.67	66.36 3.41 -25.46	69.64 3.06 -32.57	70.04 3.05 -33.13	63.22 3.12 -25.39	57.69 3.24 -18.81	56.30 3.28 -17.03	55.77 3.21 -17.28	56.50 3.04 -20.00	68.57 3.79 -27.64	97.20 6.20 -32.47	76.06 5.48 -15.81	70.57 4.58 -18.26	62.73 4.17 -14.69	57.06 3.56 -13.90	54.18 3.15 -15.59	48.79 2.70 -13.52
CH_RES_BVR_FALLS 23983	31.11 -0.39 0.78	29.46 -0.36 0.70	28.76 -0.39 0.55	27.88 -0.41 0.65	28.63 -0.41 0.56	32.86 -0.37 0.70	51.37 -0.47 0.09	41.38 -0.47 0.62	36.32 -0.41 0.75	32.63 -0.41 0.98	32.53 -0.34 0.99	33.63 -0.31 0.76	34.77 -0.29 0.57	35.23 -0.25 0.52	34.47 -0.28 0.53	32.58 -0.27 0.61	36.00 -0.30 0.84	57.14 -0.41 0.99	53.85 -0.44 0.48	46.84 -0.33 0.56	43.08 -0.35 0.45	38.85 -0.32 0.42	34.65 -0.32 0.47	31.83 -0.33 0.41
CH_RES_NIAGARA 23895	33.22 -1.61 -2.55	31.24 -1.56 -2.28	30.00 -1.48 -1.79	29.78 -1.30 -2.14	29.97 -1.48 -1.84	34.23 -2.00 -2.30	46.48 -5.77 -0.31	42.05 -3.74 -3.32	37.64 -3.94 -4.09	35.81 -3.30 -5.10	35.55 -3.49 -5.18	34.99 -3.68 -3.97	34.87 -3.53 -2.77	34.87 -3.63 -2.51	34.37 -3.46 -2.54	33.16 -3.24 -2.94	36.85 -4.38 -4.09	55.90 -7.43 -4.80	50.42 -6.68 -2.34	44.42 -6.02 -2.70	40.78 -5.27 -2.17	37.57 -4.08 -2.06	34.56 -3.19 -2.31	32.29 -2.28 -2.00
CH_RES_SYRACUSE 23985	33.85 -0.10 -1.67	31.89 -0.12 -1.49	30.75 -0.12 -1.17	30.25 -0.09 -1.40	30.72 -0.09 -1.20	35.33 -0.10 -1.50	51.87 -0.26 -0.20	45.16 0.51 -2.18	40.55 0.37 -2.69	37.67 0.44 -3.22	37.51 0.37 -3.28	37.52 0.31 -2.51	37.76 0.46 -1.67	37.94 0.43 -1.51	37.24 0.42 -1.53	35.67 0.43 -1.77	39.82 0.07 -2.61	61.83 0.24 -3.06	56.59 0.33 -1.49	49.69 0.24 -1.72	45.44 0.18 -1.38	41.02 0.12 -1.31	36.91 0.00 -1.47	33.84 0.00 -1.28
CLINTON_WT_PWR 323605	31.40 -0.87 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.90 -1.04 0.00	28.57 -1.04 0.00	33.29 -0.65 0.00	51.72 -0.21 0.00	41.74 -0.72 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.15 -0.71 0.00	34.04 -0.66 0.00	34.95 -0.68 0.00	35.38 -0.61 0.00	34.65 -0.63 0.00	32.79 -0.67 0.00	36.59 -0.56 0.00	57.77 -0.76 0.00	53.73 -1.04 0.00	47.06 -0.67 0.00	43.22 -0.66 0.00	39.00 -0.59 0.00	34.91 -0.53 0.00	32.11 -0.46 0.00
CLINTON___LFGE 323618	31.37 -0.90 0.00	29.57 -0.95 0.00	28.68 -1.01 0.00	27.81 -1.13 0.00	28.48 -1.13 0.00	33.39 -0.54 0.00	52.19 0.26 0.00	41.96 -0.51 0.00	37.04 -0.45 0.00	33.29 -0.72 0.00	33.28 -0.58 0.00	34.14 -0.56 0.00	35.06 -0.57 0.00	35.45 -0.54 0.00	34.71 -0.57 0.00	32.86 -0.60 0.00	36.73 -0.41 0.00	58.18 -0.35 0.00	54.00 -0.77 0.00	47.40 -0.33 0.00	43.44 -0.44 0.00	39.16 -0.43 0.00	35.02 -0.42 0.00	32.18 -0.39 0.00
COLONIE_LFGE___ 323577	54.76 1.90 -20.59	50.68 1.80 -18.36	45.90 1.75 -14.45	47.93 1.74 -17.26	46.15 1.72 -14.82	54.48 2.00 -18.54	57.31 2.91 -2.47	70.89 2.42 -26.01	71.90 2.21 -32.20	77.20 1.97 -41.22	77.72 1.93 -41.93	68.71 1.87 -32.13	61.34 1.89 -23.82	59.43 1.87 -21.57	58.99 1.83 -21.87	60.56 1.77 -25.32	73.92 1.78 -35.00	102.63 2.98 -41.11	77.91 3.12 -20.02	73.53 2.67 -23.13	64.93 2.46 -18.60	59.53 2.34 -17.60	57.23 2.05 -19.73	51.61 1.92 -17.12
CORNELL_____ 23752	35.90 0.45 -3.17	33.72 0.37 -2.83	32.28 0.36 -2.23	31.97 0.38 -2.66	32.28 0.38 -2.28	37.26 0.47 -2.86	53.04 0.73 -0.38	47.62 0.93 -4.22	43.14 0.45 -5.20	40.90 0.10 -6.78	40.83 0.07 -6.90	40.02 0.03 -5.29	39.50 0.11 -3.76	39.51 0.11 -3.41	38.84 0.11 -3.46	37.56 0.10 -4.00	42.59 0.30 -5.15	65.17 0.59 -6.05	58.48 0.77 -2.95	51.71 0.57 -3.40	47.05 0.44 -2.74	42.46 0.28 -2.59	38.45 0.11 -2.91	35.12 0.03 -2.52
COXSACKIE___GT 23611	51.31 1.90 -17.13	47.57 1.77 -15.28	43.38 1.66 -12.02	44.98 1.68 -14.36	43.69 1.75 -12.33	51.43 2.07 -15.43	57.22 3.22 -2.07	67.71 2.72 -22.53	67.70 3.86 -26.35	71.20 3.47 -33.72	71.58 3.42 -34.30	64.42 3.44 -26.29	58.60 3.49 -19.48	57.12 3.49 -17.64	56.59 3.42 -17.89	57.41 3.24 -20.71	69.99 4.23 -28.62	99.28 7.14 -33.62	77.38 6.24 -16.37	71.84 5.20 -18.91	63.82 4.74 -15.21	57.94 3.96 -14.39	55.02 3.44 -16.14	49.50 2.93 -14.00
CRESCENT___HYD 24018	54.76 1.90 -20.59	50.68 1.80 -18.36	45.90 1.75 -14.45	47.93 1.74 -17.26	46.15 1.72 -14.82	54.48 2.00 -18.54	57.31 2.91 -2.47	70.89 2.42 -26.01	71.90 2.21 -32.20	77.20 1.97 -41.22	77.72 1.93 -41.93	68.71 1.87 -32.13	61.34 1.89 -23.82	59.43 1.87 -21.57	58.99 1.83 -21.87	60.56 1.77 -25.32	73.92 1.78 -35.00	102.63 2.98 -41.11	77.91 3.12 -20.02	73.53 2.67 -23.13	64.93 2.46 -18.60	59.53 2.34 -17.60	57.23 2.05 -19.73	51.61 1.92 -17.12
CRUCIBLE_METL_DRP 24180	33.85 -0.10 -1.67	31.89 -0.12 -1.49	30.75 -0.12 -1.17	30.25 -0.09 -1.40	30.72 -0.09 -1.20	35.33 -0.10 -1.50	51.87 -0.26 -0.20	45.16 0.51 -2.18	40.55 0.37 -2.69	37.67 0.44 -3.22	37.51 0.37 -3.28	37.52 0.31 -2.51	37.76 0.46 -1.67	37.94 0.43 -1.51	37.24 0.42 -1.53	35.67 0.43 -1.77	39.82 0.07 -2.61	61.83 0.24 -3.06	56.59 0.33 -1.49	49.69 0.24 -1.72	45.44 0.18 -1.38	41.02 0.12 -1.31	36.91 0.00 -1.47	33.84 0.00 -1.28



DANC___LFGE 323619	33.79 0.84 -0.68	31.80 0.67 -0.61	30.82 0.65 -0.48	30.12 0.61 -0.57	30.78 0.68 -0.49	35.56 1.02 -0.61	54.04 2.02 -0.08	45.37 1.91 -0.99	40.39 1.69 -1.22	37.06 1.49 -1.56	37.07 1.63 -1.59	37.51 1.60 -1.22	38.12 1.71 -0.78	38.39 1.69 -0.70	37.58 1.59 -0.71	35.82 1.54 -0.83	40.06 1.75 -1.17	63.00 3.10 -1.37	58.50 3.07 -0.67	51.22 2.72 -0.77	46.91 2.41 -0.62	41.96 1.78 -0.59	37.70 1.60 -0.66	34.44 1.30 -0.57
DANSKAMMER___1 23586	50.49 2.42 -15.80	46.90 2.29 -14.09	42.95 2.17 -11.09	44.35 2.17 -13.24	43.23 2.25 -11.38	50.67 2.51 -14.23	58.10 4.26 -1.91	66.87 3.74 -20.67	66.36 3.41 -25.46	69.64 3.06 -32.57	70.04 3.05 -33.13	63.22 3.12 -25.39	57.69 3.24 -18.81	56.30 3.28 -17.03	55.77 3.21 -17.28	56.50 3.04 -20.00	68.57 3.79 -27.64	97.20 6.20 -32.47	76.06 5.48 -15.81	70.57 4.58 -18.26	62.73 4.17 -14.69	57.06 3.56 -13.90	54.18 3.15 -15.59	48.79 2.70 -13.52
DANSKAMMER___2 23589	50.49 2.42 -15.80	46.90 2.29 -14.09	42.95 2.17 -11.09	44.35 2.17 -13.24	43.23 2.25 -11.38	50.67 2.51 -14.23	58.10 4.26 -1.91	66.87 3.74 -20.67	66.36 3.41 -25.46	69.64 3.06 -32.57	70.04 3.05 -33.13	63.22 3.12 -25.39	57.69 3.24 -18.81	56.30 3.28 -17.03	55.77 3.21 -17.28	56.50 3.04 -20.00	68.57 3.79 -27.64	97.20 6.20 -32.47	76.06 5.48 -15.81	70.57 4.58 -18.26	62.73 4.17 -14.69	57.06 3.56 -13.90	54.18 3.15 -15.59	48.79 2.70 -13.52
DANSKAMMER___3 23590	50.49 2.42 -15.80	46.90 2.29 -14.09	42.95 2.17 -11.09	44.35 2.17 -13.24	43.23 2.25 -11.38	50.67 2.51 -14.23	58.10 4.26 -1.91	66.87 3.74 -20.67	66.36 3.41 -25.46	69.64 3.06 -32.57	70.04 3.05 -33.13	63.22 3.12 -25.39	57.69 3.24 -18.81	56.30 3.28 -17.03	55.77 3.21 -17.28	56.50 3.04 -20.00	68.57 3.79 -27.64	97.20 6.20 -32.47	76.06 5.48 -15.81	70.57 4.58 -18.26	62.73 4.17 -14.69	57.06 3.56 -13.90	54.18 3.15 -15.59	48.79 2.70 -13.52
DANSKAMMER___4 23591	50.49 2.42 -15.80	46.90 2.29 -14.09	42.95 2.17 -11.09	44.35 2.17 -13.24	43.23 2.25 -11.38	50.67 2.51 -14.23	58.10 4.26 -1.91	66.87 3.74 -20.67	66.36 3.41 -25.46	69.64 3.06 -32.57	70.04 3.05 -33.13	63.22 3.12 -25.39	57.69 3.24 -18.81	56.30 3.28 -17.03	55.77 3.21 -17.28	56.50 3.04 -20.00	68.57 3.79 -27.64	97.20 6.20 -32.47	76.06 5.48 -15.81	70.57 4.58 -18.26	62.73 4.17 -14.69	57.06 3.56 -13.90	54.18 3.15 -15.59	48.79 2.70 -13.52
DANSKAMMER___DIESEL 23592	50.49 2.42 -15.80	46.90 2.29 -14.09	42.95 2.17 -11.09	44.35 2.17 -13.24	43.23 2.25 -11.38	50.67 2.51 -14.23	58.10 4.26 -1.91	66.87 3.74 -20.67	66.36 3.41 -25.46	69.64 3.06 -32.57	70.04 3.05 -33.13	63.22 3.12 -25.39	57.69 3.24 -18.81	56.30 3.28 -17.03	55.77 3.21 -17.28	56.50 3.04 -20.00	68.57 3.79 -27.64	97.20 6.20 -32.47	76.06 5.48 -15.81	70.57 4.58 -18.26	62.73 4.17 -14.69	57.06 3.56 -13.90	54.18 3.15 -15.59	48.79 2.70 -13.52
DASHVILLE___HYD 23610	49.98 1.77 -15.93	46.38 1.65 -14.21	42.51 1.63 -11.18	43.86 1.56 -13.36	42.71 1.63 -11.47	50.08 1.80 -14.35	57.02 3.17 -1.93	66.28 2.76 -21.05	65.57 2.44 -25.65	69.03 2.21 -32.81	69.41 2.17 -33.38	62.57 2.29 -25.58	56.94 2.35 -18.95	55.57 2.41 -17.16	55.05 2.36 -17.40	55.85 2.24 -20.15	67.63 2.64 -27.85	95.57 4.33 -32.71	74.59 3.89 -15.93	69.42 3.29 -18.40	61.70 3.03 -14.80	56.17 2.57 -14.01	53.38 2.23 -15.70	48.08 1.89 -13.62
DELAWARE___LFGE 323621	39.98 1.00 -6.70	37.41 0.91 -5.98	35.29 0.89 -4.70	35.46 0.90 -5.62	35.35 0.92 -4.83	41.02 1.05 -6.04	54.51 1.77 -0.81	52.42 1.57 -8.39	49.25 1.42 -10.34	48.36 1.22 -13.13	48.40 1.18 -13.36	46.15 1.21 -10.24	44.40 1.25 -7.53	44.03 1.22 -6.81	43.39 1.20 -6.91	42.60 1.14 -8.00	49.46 1.30 -11.02	73.52 2.05 -12.94	63.10 2.03 -6.30	56.72 1.72 -7.28	51.31 1.58 -5.85	46.48 1.35 -5.54	42.82 1.17 -6.21	38.97 1.01 -5.39
DOGLEVILLE___HYD 23807	34.67 2.74 0.34	32.78 2.56 0.31	31.95 2.49 0.24	31.11 2.46 0.29	31.88 2.52 0.25	36.47 2.85 0.31	56.25 4.36 0.04	46.12 3.65 0.00	40.71 3.22 0.00	36.90 2.89 0.00	36.67 2.81 0.00	37.51 2.81 0.00	38.45 2.81 0.00	38.84 2.84 0.00	38.14 2.86 0.00	36.23 2.78 0.00	40.41 3.27 0.00	63.68 5.15 0.00	59.64 4.87 0.00	51.93 4.20 0.00	47.78 3.90 0.00	43.11 3.52 0.00	38.60 3.15 0.00	35.47 2.90 0.00
DUNKIRK___1 23563	34.07 -1.06 -2.86	32.03 -1.04 -2.55	30.69 -1.01 -2.01	30.53 -0.81 -2.40	30.72 -0.95 -2.06	35.15 -1.36 -2.58	49.01 -3.27 -0.35	44.75 -1.49 -3.77	40.67 -1.46 -4.64	38.45 -1.36 -5.80	38.17 -1.59 -5.90	37.52 -1.70 -4.52	37.18 -1.64 -3.18	37.15 -1.73 -2.88	36.51 -1.69 -2.92	35.27 -1.57 -3.38	39.60 -2.23 -4.68	60.58 -3.45 -5.50	54.66 -2.79 -2.68	47.91 -2.91 -3.10	43.95 -2.41 -2.49	40.01 -1.94 -2.36	36.31 -1.77 -2.64	33.59 -1.27 -2.29
DUNKIRK___2 23564	34.07 -1.06 -2.86	32.03 -1.04 -2.55	30.69 -1.01 -2.01	30.53 -0.81 -2.40	30.72 -0.95 -2.06	35.15 -1.36 -2.58	49.01 -3.27 -0.35	44.75 -1.49 -3.77	40.67 -1.46 -4.64	38.45 -1.36 -5.80	38.17 -1.59 -5.90	37.52 -1.70 -4.52	37.18 -1.64 -3.18	37.15 -1.73 -2.88	36.51 -1.69 -2.92	35.27 -1.57 -3.38	39.60 -2.23 -4.68	60.58 -3.45 -5.50	54.66 -2.79 -2.68	47.91 -2.91 -3.10	43.95 -2.41 -2.49	40.01 -1.94 -2.36	36.31 -1.77 -2.64	33.59 -1.27 -2.29
DUNKIRK___3 23565	33.91 -1.23 -2.86	31.88 -1.19 -2.55	30.54 -1.16 -2.01	30.38 -0.95 -2.40	30.57 -1.09 -2.06	34.98 -1.53 -2.58	48.59 -3.69 -0.35	44.39 -1.87 -3.80	40.32 -1.84 -4.67	38.18 -1.67 -5.84	37.93 -1.86 -5.94	37.27 -1.98 -4.55	36.91 -1.92 -3.20	36.88 -2.01 -2.90	36.25 -1.97 -2.94	35.03 -1.84 -3.41	39.33 -2.53 -4.72	60.09 -3.98 -5.54	54.12 -3.34 -2.70	47.50 -3.34 -3.12	43.57 -2.81 -2.51	39.71 -2.26 -2.37	36.08 -2.02 -2.66	33.41 -1.46 -2.31
DUNKIRK___4 23566	33.91 -1.23 -2.86	31.88 -1.19 -2.55	30.54 -1.16 -2.01	30.38 -0.95 -2.40	30.57 -1.09 -2.06	34.98 -1.53 -2.58	48.59 -3.69 -0.35	44.39 -1.87 -3.80	40.32 -1.84 -4.67	38.18 -1.67 -5.84	37.93 -1.86 -5.94	37.27 -1.98 -4.55	36.91 -1.92 -3.20	36.88 -2.01 -2.90	36.25 -1.97 -2.94	35.03 -1.84 -3.41	39.33 -2.53 -4.72	60.09 -3.98 -5.54	54.12 -3.34 -2.70	47.50 -3.34 -3.12	43.57 -2.81 -2.51	39.71 -2.26 -2.37	36.08 -2.02 -2.66	33.41 -1.46 -2.31
EAST HAMPTON___GT 23717	54.79 7.10 -15.42	50.13 5.86 -13.75	46.66 6.15 -10.82	47.39 5.53 -12.92	46.31 5.60 -11.10	53.96 6.14 -13.89	67.19 13.40 -1.86	73.44 10.87 -20.10	71.28 9.07 -24.72	73.39 7.76 -31.62	73.55 7.52 -32.17	67.79 8.43 -24.65	62.56 8.66 -18.27	60.66 8.13 -16.54	59.99 7.94 -16.77	60.61 7.73 -19.42	74.15 10.18 -26.83	110.74 17.68 -34.53	87.38 16.05 -16.57	79.30 13.79 -17.78	71.82 12.33 -15.61	66.96 10.65 -16.71	60.25 8.83 -15.98	53.73 8.01 -13.15
EAST RIVER___6 23660	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.95 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.58 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.53	55.29 3.24 -16.77	55.92 3.04 -19.42	67.61 3.64 -26.83	95.95 5.91 -31.51	75.32 5.21 -15.35	69.80 4.34 -17.73	62.21 4.08 -14.26	56.57 3.48 -13.49	53.69 3.12 -15.13	48.36 2.67 -13.12
EAST RIVER___7 23524	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.95 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.58 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.53	55.29 3.24 -16.77	55.92 3.04 -19.42	67.61 3.64 -26.83	95.95 5.91 -31.51	75.32 5.21 -15.35	69.80 4.34 -17.73	62.21 4.08 -14.26	56.57 3.48 -13.49	53.69 3.12 -15.13	48.36 2.67 -13.12



EAST_HAMPTON___DIESEL 23722	54.79 7.10 -15.42	50.13 5.86 -13.75	46.66 6.15 -10.82	47.39 5.53 -12.92	46.31 5.60 -11.10	53.96 6.14 -13.89	67.19 13.40 -1.86	73.44 10.87 -20.10	71.28 9.07 -24.72	73.39 7.76 -31.62	73.55 7.52 -32.17	67.79 8.43 -24.65	62.56 8.66 -18.27	60.66 8.13 -16.54	59.99 7.94 -16.77	60.61 7.73 -19.42	74.15 10.18 -26.83	110.74 17.68 -34.53	87.38 16.05 -16.57	79.30 13.79 -17.78	71.82 12.33 -15.61	66.96 10.65 -16.71	60.25 8.83 -15.98	53.73 8.01 -13.15
EAST_RIVER___1 323558	50.21 2.52 -15.41	46.58 2.32 -13.75	42.80 2.29 -10.82	44.06 2.20 -12.92	42.99 2.28 -11.10	50.26 2.44 -13.88	57.85 4.05 -1.86	66.17 3.61 -20.10	65.50 3.30 -24.72	68.62 2.99 -31.62	69.00 2.98 -32.17	62.48 3.12 -24.65	57.14 3.24 -18.26	55.84 3.31 -16.53	55.33 3.28 -16.77	55.95 3.08 -19.42	67.61 3.64 -26.83	95.95 5.91 -31.51	75.32 5.21 -15.35	69.84 4.39 -17.73	62.21 4.08 -14.26	56.61 3.52 -13.49	53.72 3.15 -15.13	48.39 2.70 -13.12
EAST_RIVER___2 323559	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.95 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.58 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.53	55.29 3.24 -16.77	55.92 3.04 -19.42	67.61 3.64 -26.83	95.95 5.91 -31.51	75.32 5.21 -15.35	69.80 4.34 -17.73	62.21 4.08 -14.26	56.57 3.48 -13.49	53.69 3.12 -15.13	48.36 2.67 -13.12
EAST___DELAWARE_HYD 23607	46.48 0.81 -13.40	43.24 0.76 -11.95	39.75 0.65 -9.41	40.87 0.69 -11.23	40.03 0.77 -9.65	46.88 0.88 -12.07	55.32 1.77 -1.62	60.66 1.44 -16.75	59.27 1.24 -20.55	61.37 1.09 -26.28	61.70 1.12 -26.73	56.26 1.08 -20.49	51.91 1.11 -15.17	50.81 1.08 -13.73	50.23 1.02 -13.93	50.59 1.00 -16.13	60.87 1.45 -22.28	87.16 2.46 -26.18	69.65 2.13 -12.75	64.17 1.72 -14.72	57.21 1.49 -11.84	51.95 1.15 -11.21	48.97 0.96 -12.57	44.19 0.72 -10.90
ELEC_TRO_TEK 24086	50.30 2.61 -15.42	46.50 2.23 -13.75	42.89 2.38 -10.82	43.97 2.11 -12.92	42.90 2.19 -11.10	50.09 2.27 -13.89	58.47 4.68 -1.86	66.26 3.69 -20.10	65.39 3.18 -24.72	68.35 2.72 -31.62	68.74 2.71 -32.17	62.58 3.23 -24.65	57.32 3.42 -18.27	55.88 3.35 -16.54	55.33 3.28 -16.77	56.02 3.14 -19.42	67.80 3.83 -26.83	99.50 6.44 -34.53	77.08 5.75 -16.57	70.37 4.87 -17.78	64.01 4.52 -15.61	60.23 3.92 -16.71	54.86 3.44 -15.98	48.71 2.99 -13.15
ELLENBURG_WT_PWR 323604	31.40 -0.87 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.90 -1.04 0.00	28.57 -1.04 0.00	33.29 -0.65 0.00	51.72 -0.21 0.00	41.74 -0.72 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.15 -0.71 0.00	34.04 -0.66 0.00	34.95 -0.68 0.00	35.38 -0.61 0.00	34.65 -0.63 0.00	32.79 -0.67 0.00	36.59 -0.56 0.00	57.77 -0.76 0.00	53.73 -1.04 0.00	47.06 -0.67 0.00	43.22 -0.66 0.00	39.00 -0.59 0.00	34.91 -0.53 0.00	32.11 -0.46 0.00
EMPIRE_CC_1 323656	53.66 1.55 -19.84	49.68 1.46 -17.70	45.04 1.43 -13.92	46.99 1.42 -16.63	45.31 1.42 -14.28	53.43 1.63 -17.87	56.51 2.18 -2.40	69.79 1.87 -25.46	70.68 1.73 -31.47	75.85 1.57 -40.28	76.36 1.52 -40.97	67.63 1.53 -31.40	60.44 1.53 -23.28	58.61 1.55 -21.07	58.17 1.52 -21.37	59.64 1.44 -24.75	72.61 1.26 -34.20	100.63 1.93 -40.17	76.36 2.03 -19.56	72.04 1.72 -22.60	63.63 1.58 -18.17	58.38 1.59 -17.20	56.28 1.56 -19.28	50.77 1.47 -16.73
EMPIRE_CC_2 323658	53.66 1.55 -19.84	49.68 1.46 -17.70	45.04 1.43 -13.92	46.99 1.42 -16.63	45.31 1.42 -14.28	53.43 1.63 -17.87	56.51 2.18 -2.40	69.79 1.87 -25.46	70.68 1.73 -31.47	75.85 1.57 -40.28	76.36 1.52 -40.97	67.63 1.53 -31.40	60.44 1.53 -23.28	58.61 1.55 -21.07	58.17 1.52 -21.37	59.64 1.44 -24.75	72.61 1.26 -34.20	100.63 1.93 -40.17	76.36 2.03 -19.56	72.04 1.72 -22.60	63.63 1.58 -18.17	58.38 1.59 -17.20	56.28 1.56 -19.28	50.77 1.47 -16.73
ERIE_WT_PWR 323693	33.87 -1.13 -2.72	31.82 -1.13 -2.43	30.51 -1.10 -1.91	30.30 -0.93 -2.28	30.51 -1.06 -1.96	34.93 -1.46 -2.45	48.16 -4.10 -0.33	43.66 -2.34 -3.53	39.40 -2.44 -4.35	37.40 -2.04 -5.43	37.15 -2.24 -5.53	36.50 -2.43 -4.23	36.32 -2.28 -2.97	36.27 -2.41 -2.69	35.71 -2.29 -2.72	34.47 -2.14 -3.15	38.54 -2.97 -4.37	58.69 -4.98 -5.14	52.94 -4.33 -2.50	46.56 -4.06 -2.89	42.69 -3.51 -2.32	39.10 -2.69 -2.20	35.71 -2.20 -2.47	33.15 -1.56 -2.14
E_CANADA_CAP_HY 24051	57.64 -0.13 -25.50	53.05 -0.21 -22.74	47.35 -0.24 -17.90	50.11 -0.20 -21.37	47.73 -0.24 -18.36	56.87 -0.03 -22.97	55.75 0.73 -3.09	75.44 0.72 -32.25	78.10 0.75 -39.87	85.82 0.78 -51.03	86.48 0.71 -51.91	75.14 0.66 -39.78	65.40 0.28 -29.48	62.90 0.22 -26.69	62.53 0.18 -27.07	65.07 0.27 -31.34	80.83 0.37 -43.31	110.40 0.99 -50.88	80.81 1.26 -24.78	77.35 1.00 -28.62	67.90 1.01 -23.01	62.01 0.63 -21.79	60.15 0.28 -24.42	53.85 0.10 -21.19
E_CANADA_MHWK_HY 24050	34.67 2.74 0.34	32.78 2.56 0.31	31.95 2.49 0.24	31.11 2.46 0.29	31.88 2.52 0.25	36.47 2.85 0.31	56.25 4.36 0.04	46.12 3.65 0.00	40.71 3.22 0.00	36.90 2.89 0.00	36.67 2.81 0.00	37.51 2.81 0.00	38.45 2.81 0.00	38.84 2.84 0.00	38.14 2.86 0.00	36.23 2.78 0.00	40.41 3.27 0.00	63.68 5.15 0.00	59.64 4.87 0.00	51.93 4.20 0.00	47.78 3.90 0.00	43.11 3.52 0.00	38.60 3.15 0.00	35.47 2.90 0.00
E_FISHKILL___LBMP 23776	50.05 2.13 -15.65	46.46 1.98 -13.96	42.64 1.96 -10.99	43.97 1.91 -13.12	42.86 1.98 -11.27	50.17 2.14 -14.10	57.40 3.58 -1.89	66.01 3.23 -20.32	65.40 2.93 -24.99	68.60 2.62 -31.97	68.99 2.61 -32.52	62.37 2.74 -24.93	56.91 2.81 -18.47	55.59 2.88 -16.72	55.06 2.82 -16.96	55.77 2.68 -19.63	67.47 3.19 -27.13	95.60 5.21 -31.87	74.89 4.60 -15.52	69.57 3.91 -17.93	61.89 3.60 -14.42	56.33 3.09 -13.65	53.51 2.77 -15.30	48.19 2.35 -13.27
FAR ROCKAWAY___4 23548	51.14 3.45 -15.42	47.23 2.96 -13.75	43.63 3.12 -10.82	44.67 2.81 -12.92	43.58 2.87 -11.10	50.84 3.02 -13.89	59.97 6.18 -1.86	67.49 4.92 -20.10	66.40 4.20 -24.72	69.31 3.67 -31.62	69.69 3.66 -32.17	63.55 4.20 -24.65	58.32 4.42 -18.27	56.81 4.28 -16.54	56.28 4.23 -16.77	56.92 4.05 -19.42	68.99 5.01 -26.83	101.61 8.55 -34.54	79.06 7.72 -16.57	72.09 6.59 -17.78	65.50 6.01 -15.61	61.61 5.31 -16.71	55.96 4.54 -15.98	49.69 3.97 -13.15
FARRAGUT___LBMP 323566	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.41 3.05 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.51	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
FENNER___WINDPWR 24204	33.80 0.51 -1.01	31.84 0.43 -0.90	30.82 0.42 -0.71	30.22 0.43 -0.84	30.81 0.47 -0.73	35.42 0.58 -0.91	52.99 0.94 -0.12	45.44 1.23 -1.74	40.68 1.05 -2.15	37.52 0.88 -2.63	37.41 0.88 -2.67	37.58 0.83 -2.05	37.95 0.92 -1.39	38.19 0.93 -1.26	37.44 0.88 -1.28	35.78 0.84 -1.48	40.13 0.96 -2.02	62.61 1.70 -2.38	57.68 1.75 -1.16	50.50 1.43 -1.34	46.23 1.27 -1.08	41.60 0.99 -1.02	37.36 0.78 -1.14	34.21 0.65 -0.99
FIBERTEK___ENERGY 23856	33.85 -0.10 -1.67	31.89 -0.12 -1.49	30.75 -0.12 -1.17	30.25 -0.09 -1.40	30.72 -0.09 -1.20	35.33 -0.10 -1.50	51.87 -0.26 -0.20	45.16 0.51 -2.18	40.55 0.37 -2.69	37.67 0.44 -3.22	37.51 0.37 -3.28	37.52 0.31 -2.51	37.76 0.46 -1.67	37.94 0.43 -1.51	37.24 0.42 -1.53	35.67 0.43 -1.77	39.82 0.07 -2.61	61.83 0.24 -3.06	56.59 0.33 -1.49	49.69 0.24 -1.72	45.44 0.18 -1.38	41.02 0.12 -1.31	36.91 0.00 -1.47	33.84 0.00 -1.28



FITZPATRICK____ 23598	32.40 0.13 0.00	30.61 0.09 0.00	29.78 0.09 0.00	29.06 0.12 0.00	29.73 0.12 0.00	34.03 0.10 0.00	52.09 0.16 0.00	42.59 0.13 0.00	37.60 0.11 0.00	34.11 0.10 0.00	33.96 0.10 0.00	34.80 0.10 0.00	35.97 -0.75 -1.09	36.22 -0.76 -0.98	35.54 -0.74 -1.00	33.91 -0.70 -1.16	37.93 -0.82 -1.60	59.13 -1.29 -1.88	54.53 -1.15 -0.92	47.74 -1.05 -1.06	43.76 -0.97 -0.85	39.56 -0.83 -0.81	35.57 -0.78 -0.90	32.67 -0.69 -0.78
FORT ORANGE____ 23900	53.78 1.65 -19.86	49.79 1.56 -17.71	45.15 1.51 -13.94	47.06 1.48 -16.65	45.42 1.51 -14.30	53.55 1.73 -17.89	56.25 1.92 -2.40	69.39 1.57 -25.35	70.33 1.46 -31.39	75.51 1.33 -40.18	76.05 1.32 -40.87	67.34 1.32 -31.32	60.20 1.35 -23.22	58.35 1.33 -21.02	57.91 1.31 -21.32	59.41 1.27 -24.68	72.33 1.08 -34.11	100.35 1.75 -40.07	76.03 1.75 -19.51	71.75 1.48 -22.54	63.36 1.36 -18.13	58.22 1.47 -17.16	56.02 1.35 -19.23	50.59 1.34 -16.69
FORT_DRUM_COGEN 23780	33.74 0.81 -0.66	31.75 0.64 -0.59	30.78 0.62 -0.46	30.10 0.61 -0.55	30.73 0.65 -0.47	35.51 0.98 -0.59	53.98 1.97 -0.08	45.29 1.87 -0.96	40.36 1.69 -1.19	37.02 1.49 -1.52	36.99 1.59 -1.54	37.45 1.56 -1.18	38.06 1.68 -0.75	38.33 1.66 -0.68	37.52 1.55 -0.69	35.77 1.51 -0.80	39.98 1.71 -1.13	62.90 3.04 -1.33	58.43 3.01 -0.65	51.15 2.67 -0.75	46.85 2.37 -0.60	41.90 1.74 -0.57	37.64 1.56 -0.64	34.39 1.27 -0.55
FPL_FAR_ROCK_GT1 24212	51.14 3.45 -15.42	47.23 2.96 -13.75	43.63 3.12 -10.82	44.67 2.81 -12.92	43.58 2.87 -11.10	50.84 3.02 -13.89	59.97 6.18 -1.86	67.49 4.92 -20.10	66.40 4.20 -24.72	69.31 3.67 -31.62	69.69 3.66 -32.17	63.55 4.20 -24.65	58.32 4.42 -18.27	56.81 4.28 -16.54	56.28 4.23 -16.77	56.92 4.05 -19.42	68.99 5.01 -26.83	101.61 8.55 -34.54	79.06 7.72 -16.57	72.09 6.59 -17.78	65.50 6.01 -15.61	61.61 5.31 -16.71	55.96 4.54 -15.98	49.69 3.97 -13.15
FPL_FAR_ROCK_GT2 23815	51.14 3.45 -15.42	47.23 2.96 -13.75	43.63 3.12 -10.82	44.67 2.81 -12.92	43.58 2.87 -11.10	50.84 3.02 -13.89	59.97 6.18 -1.86	67.49 4.92 -20.10	66.40 4.20 -24.72	69.31 3.67 -31.62	69.69 3.66 -32.17	63.55 4.20 -24.65	58.32 4.42 -18.27	56.81 4.28 -16.54	56.28 4.23 -16.77	56.92 4.05 -19.42	68.99 5.01 -26.83	101.61 8.55 -34.54	79.06 7.72 -16.57	72.09 6.59 -17.78	65.50 6.01 -15.61	61.61 5.31 -16.71	55.96 4.54 -15.98	49.69 3.97 -13.15
FRANKLIN_FALL_HYD 24054	31.34 -0.94 0.00	29.51 -1.01 0.00	28.65 -1.04 0.00	27.75 -1.19 0.00	28.45 -1.16 0.00	33.29 -0.65 0.00	52.04 0.10 0.00	42.12 -0.34 0.00	37.15 -0.34 0.00	33.43 -0.58 0.00	33.49 -0.37 0.00	34.35 -0.35 0.00	35.28 -0.36 0.00	35.67 -0.32 0.00	34.93 -0.35 0.00	33.06 -0.40 0.00	36.92 -0.22 0.00	58.41 -0.12 0.00	54.22 -0.55 0.00	47.59 -0.14 0.00	43.66 -0.22 0.00	39.36 -0.24 0.00	35.20 -0.25 0.00	32.37 -0.19 0.00
FREEPORT_EQUS_GT1 23764	50.66 2.97 -15.42	46.83 2.56 -13.75	43.24 2.73 -10.82	44.29 2.43 -12.92	43.20 2.49 -11.10	50.39 2.58 -13.89	58.89 5.09 -1.86	66.60 4.04 -20.10	65.62 3.41 -24.72	68.52 2.89 -31.62	68.87 2.84 -32.17	62.76 3.40 -24.65	57.50 3.60 -18.27	56.06 3.53 -16.54	55.51 3.46 -16.77	56.22 3.35 -19.42	67.95 3.98 -26.83	99.91 6.84 -34.53	77.47 6.13 -16.57	70.71 5.20 -17.78	64.27 4.78 -15.61	60.58 4.28 -16.71	55.28 3.86 -15.98	49.17 3.45 -13.15
FREEPORT____CT2 23818	50.66 2.97 -15.42	46.83 2.56 -13.75	43.24 2.73 -10.82	44.29 2.43 -12.92	43.20 2.49 -11.10	50.39 2.58 -13.89	58.89 5.09 -1.86	66.60 4.04 -20.10	65.62 3.41 -24.72	68.52 2.89 -31.62	68.87 2.84 -32.17	62.76 3.40 -24.65	57.50 3.60 -18.27	56.06 3.53 -16.54	55.51 3.46 -16.77	56.22 3.35 -19.42	67.95 3.98 -26.83	99.91 6.84 -34.53	77.47 6.13 -16.57	70.71 5.20 -17.78	64.27 4.78 -15.61	60.58 4.28 -16.71	55.28 3.86 -15.98	49.17 3.45 -13.15
FULTON COGEN____ 23766	33.31 -0.32 -1.36	31.40 -0.34 -1.22	30.33 -0.33 -0.96	29.79 -0.29 -1.14	30.29 -0.30 -0.98	34.82 -0.34 -1.23	51.48 -0.62 -0.16	43.82 -0.34 -1.69	39.20 -0.37 -2.09	36.59 -0.17 -2.76	36.46 -0.20 -2.80	36.61 -0.24 -2.15	36.98 -0.04 -1.38	37.17 -0.07 -1.25	36.48 -0.07 -1.27	34.89 -0.03 -1.47	39.10 -0.11 -2.07	60.85 -0.12 -2.44	56.01 0.05 -1.19	49.10 0.00 -1.37	44.93 -0.04 -1.10	40.56 -0.08 -1.04	36.47 -0.14 -1.17	33.42 -0.16 -1.01
FULTON____LFGE 323630	59.11 2.61 -24.22	54.44 2.32 -21.60	48.89 2.20 -17.00	51.47 2.23 -20.30	49.21 2.16 -17.44	58.60 2.85 -21.82	60.43 5.56 -2.93	77.52 4.50 -30.55	79.35 4.09 -37.78	86.38 4.01 -48.36	86.92 3.86 -49.20	76.26 3.85 -37.71	67.21 3.64 -27.95	64.86 3.56 -25.30	64.36 3.42 -25.66	66.51 3.35 -29.71	82.06 3.86 -41.06	113.54 6.79 -48.23	84.99 6.73 -23.49	80.58 5.72 -27.13	70.87 5.17 -21.82	64.56 4.32 -20.65	62.03 3.44 -23.15	55.59 2.93 -20.08
G.F.CEMENT____DRP 24184	55.07 1.71 -21.09	50.94 1.62 -18.81	46.07 1.57 -14.80	48.21 1.59 -17.67	46.33 1.54 -15.18	54.83 1.90 -18.99	57.87 3.43 -2.52	71.69 2.85 -26.38	72.76 2.62 -32.65	78.01 2.21 -41.79	78.51 2.13 -42.52	69.09 1.80 -32.58	61.53 1.75 -24.16	59.59 1.73 -21.87	59.12 1.66 -22.18	60.74 1.61 -25.68	74.34 1.71 -35.49	103.32 3.10 -41.69	78.74 3.67 -20.30	74.28 3.10 -23.45	65.80 3.07 -18.86	60.25 2.81 -17.85	57.83 2.37 -20.01	52.08 2.15 -17.36
GARDENVILLE____LBMP 24039	33.77 -1.23 -2.72	31.76 -1.19 -2.43	30.45 -1.16 -1.91	30.24 -0.98 -2.28	30.44 -1.13 -1.96	34.82 -1.56 -2.45	48.00 -4.26 -0.33	43.52 -2.46 -3.52	39.24 -2.59 -4.34	37.24 -2.18 -5.41	37.03 -2.34 -5.51	36.39 -2.53 -4.22	36.16 -2.42 -2.96	36.15 -2.52 -2.68	35.59 -2.40 -2.71	34.36 -2.24 -3.14	38.38 -3.12 -4.36	58.44 -5.21 -5.12	52.71 -4.55 -2.49	46.36 -4.25 -2.88	42.51 -3.69 -2.32	38.93 -2.85 -2.19	35.60 -2.30 -2.46	33.04 -1.66 -2.13
GENERAL____MILLS 23808	33.84 -1.16 -2.72	31.82 -1.13 -2.43	30.48 -1.13 -1.91	30.27 -0.95 -2.28	30.51 -1.06 -1.96	34.89 -1.49 -2.45	48.16 -4.10 -0.33	43.62 -2.38 -3.53	39.36 -2.48 -4.35	37.36 -2.08 -5.43	37.15 -2.24 -5.53	36.50 -2.43 -4.23	36.28 -2.32 -2.97	36.27 -2.41 -2.69	35.71 -2.29 -2.72	34.47 -2.14 -3.15	38.51 -3.01 -4.37	58.63 -5.03 -5.14	52.89 -4.38 -2.50	46.51 -4.10 -2.89	42.69 -3.51 -2.32	39.06 -2.73 -2.20	35.71 -2.20 -2.47	33.15 -1.56 -2.14
GE_PLASTICS____DRP 24183	53.41 1.10 -20.04	49.43 1.04 -17.87	44.77 1.01 -14.06	46.75 1.01 -16.80	45.04 1.01 -14.43	53.14 1.15 -18.05	55.65 1.30 -2.42	69.14 1.06 -25.61	70.30 0.94 -31.88	75.66 0.85 -40.80	76.22 0.85 -41.51	67.38 0.87 -31.81	60.07 0.85 -23.58	58.21 0.86 -21.35	57.78 0.85 -21.65	59.33 0.80 -25.07	72.57 0.78 -34.65	100.40 1.17 -40.70	75.79 1.20 -19.82	71.67 1.05 -22.89	63.25 0.96 -18.41	57.97 0.95 -17.43	55.83 0.85 -19.54	50.36 0.85 -16.95
GILBOA____1 23756	48.81 1.23 -15.31	45.34 1.16 -13.66	41.57 1.13 -10.75	42.90 1.13 -12.84	41.79 1.15 -11.03	48.98 1.26 -13.80	55.70 1.92 -1.85	63.92 1.65 -19.80	63.40 1.50 -24.42	66.56 1.33 -31.22	66.94 1.32 -31.76	60.39 1.35 -24.34	55.05 1.39 -18.03	53.72 1.40 -16.32	53.21 1.37 -16.55	53.93 1.30 -19.17	65.00 1.38 -26.48	91.63 1.99 -31.11	71.83 1.92 -15.15	66.99 1.77 -17.50	59.57 1.62 -14.07	54.42 1.50 -13.32	51.72 1.35 -14.93	46.73 1.21 -12.96
GILBOA____2 23757	48.81 1.23 -15.31	45.34 1.16 -13.66	41.57 1.13 -10.75	42.90 1.13 -12.84	41.79 1.15 -11.03	48.98 1.26 -13.80	55.70 1.92 -1.85	63.92 1.65 -19.80	63.40 1.50 -24.42	66.56 1.33 -31.22	66.94 1.32 -31.76	60.39 1.35 -24.34	55.05 1.39 -18.03	53.72 1.40 -16.32	53.21 1.37 -16.55	53.93 1.30 -19.17	65.00 1.38 -26.48	91.63 1.99 -31.11	71.83 1.92 -15.15	66.99 1.77 -17.50	59.57 1.62 -14.07	54.42 1.50 -13.32	51.72 1.35 -14.93	46.73 1.21 -12.96



GILBOA___3 23758	48.81 1.23 -15.31	45.34 1.16 -13.66	41.57 1.13 -10.75	42.90 1.13 -12.84	41.79 1.15 -11.03	48.98 1.26 -13.80	55.70 1.92 -1.85	63.92 1.65 -19.80	63.40 1.50 -24.42	66.56 1.33 -31.22	66.94 1.32 -31.76	60.39 1.35 -24.34	55.05 1.39 -18.03	53.72 1.40 -16.32	53.21 1.37 -16.55	53.93 1.30 -19.17	65.00 1.38 -26.48	91.63 1.99 -31.11	71.83 1.92 -15.15	66.99 1.77 -17.50	59.57 1.62 -14.07	54.42 1.50 -13.32	51.72 1.35 -14.93	46.73 1.21 -12.96
GILBOA___4 23759	48.81 1.23 -15.31	45.34 1.16 -13.66	41.57 1.13 -10.75	42.90 1.13 -12.84	41.79 1.15 -11.03	48.98 1.26 -13.80	55.70 1.92 -1.85	63.92 1.65 -19.80	63.40 1.50 -24.42	66.56 1.33 -31.22	66.94 1.32 -31.76	60.39 1.35 -24.34	55.05 1.39 -18.03	53.72 1.40 -16.32	53.21 1.37 -16.55	53.93 1.30 -19.17	65.00 1.38 -26.48	91.63 1.99 -31.11	71.83 1.92 -15.15	66.99 1.77 -17.50	59.57 1.62 -14.07	54.42 1.50 -13.32	51.72 1.35 -14.93	46.73 1.21 -12.96
GILBOA___ 23599	48.81 1.23 -15.31	45.34 1.16 -13.66	41.57 1.13 -10.75	42.90 1.13 -12.84	41.79 1.15 -11.03	48.98 1.26 -13.80	55.70 1.92 -1.85	63.92 1.65 -19.80	63.40 1.50 -24.42	66.56 1.33 -31.22	66.94 1.32 -31.76	60.39 1.35 -24.34	55.05 1.39 -18.03	53.72 1.40 -16.32	53.21 1.37 -16.55	53.93 1.30 -19.17	65.00 1.38 -26.48	91.63 1.99 -31.11	71.83 1.92 -15.15	66.99 1.77 -17.50	59.57 1.62 -14.07	54.42 1.50 -13.32	51.72 1.35 -14.93	46.73 1.21 -12.96
GINNA___ 23603	31.97 -2.29 -1.98	30.12 -2.17 -1.77	28.98 -2.11 -1.39	28.63 -1.97 -1.66	28.99 -2.04 -1.43	33.24 -2.48 -1.79	47.76 -4.41 -0.24	41.97 -3.06 -2.56	37.83 -2.81 -3.15	35.43 -2.45 -3.87	35.29 -2.51 -3.94	35.05 -2.67 -3.02	35.12 -2.57 -2.05	35.19 -2.66 -1.86	34.59 -2.57 -1.88	33.23 -2.41 -2.18	37.26 -2.97 -3.09	57.48 -4.68 -3.63	52.37 -4.16 -1.77	46.00 -3.77 -2.04	42.10 -3.42 -1.64	38.18 -2.97 -1.56	34.46 -2.73 -1.74	31.74 -2.35 -1.51
GLEN PARK___ 23778	33.91 0.94 -0.70	31.87 0.73 -0.62	30.90 0.71 -0.49	30.22 0.69 -0.59	30.85 0.74 -0.50	35.68 1.12 -0.63	54.25 2.23 -0.08	45.55 2.08 -1.01	40.60 1.87 -1.24	37.27 1.67 -1.59	37.24 1.76 -1.62	37.67 1.73 -1.24	38.31 1.89 -0.79	38.55 1.83 -0.72	37.77 1.76 -0.73	35.97 1.67 -0.84	40.26 1.93 -1.19	63.32 3.39 -1.40	58.85 3.40 -0.68	51.52 3.01 -0.79	47.14 2.63 -0.63	42.13 1.94 -0.60	37.85 1.74 -0.67	34.55 1.40 -0.58
GLENWOOD_IC_1_G5 23712	50.40 2.71 -15.42	46.65 2.38 -13.75	42.98 2.46 -10.82	44.12 2.26 -12.92	43.05 2.34 -11.10	50.29 2.48 -13.89	58.21 4.41 -1.86	66.22 3.65 -20.10	65.43 3.22 -24.72	68.42 2.79 -31.62	68.84 2.81 -32.17	62.51 3.16 -24.65	57.21 3.31 -18.27	55.84 3.31 -16.54	55.30 3.24 -16.77	55.99 3.11 -19.42	67.72 3.75 -26.83	99.39 6.32 -34.53	76.92 5.59 -16.57	70.23 4.73 -17.78	63.83 4.34 -15.61	60.07 3.76 -16.71	54.96 3.54 -15.98	48.78 3.06 -13.15
GLENWOOD_IC_2_G1 23688	50.27 2.58 -15.42	46.59 2.32 -13.75	42.86 2.35 -10.82	44.06 2.20 -12.92	42.96 2.25 -11.10	50.23 2.41 -13.89	58.21 4.41 -1.86	66.31 3.74 -20.10	65.51 3.30 -24.72	68.52 2.89 -31.62	68.94 2.91 -32.17	62.54 3.19 -24.65	57.25 3.35 -18.27	55.88 3.35 -16.54	55.33 3.28 -16.77	56.02 3.14 -19.42	67.76 3.79 -26.83	99.33 6.27 -34.53	76.86 5.53 -16.57	70.18 4.68 -17.78	63.83 4.34 -15.61	60.07 3.76 -16.71	54.79 3.37 -15.98	48.62 2.90 -13.15
GLENWOOD_IC_3_G1 23689	50.27 2.58 -15.42	46.59 2.32 -13.75	42.86 2.35 -10.82	44.06 2.20 -12.92	42.96 2.25 -11.10	50.23 2.41 -13.89	58.21 4.41 -1.86	66.31 3.74 -20.10	65.51 3.30 -24.72	68.52 2.89 -31.62	68.94 2.91 -32.17	62.54 3.19 -24.65	57.25 3.35 -18.27	55.88 3.35 -16.54	55.33 3.28 -16.77	56.02 3.14 -19.42	67.76 3.79 -26.83	99.33 6.27 -34.53	76.86 5.53 -16.57	70.18 4.68 -17.78	63.83 4.34 -15.61	60.07 3.76 -16.71	54.79 3.37 -15.98	48.62 2.90 -13.15
GLENWOOD___4 23550	50.40 2.71 -15.42	46.65 2.38 -13.75	42.98 2.46 -10.82	44.12 2.26 -12.92	43.05 2.34 -11.10	50.29 2.48 -13.89	58.31 4.52 -1.86	66.31 3.74 -20.10	65.51 3.30 -24.72	68.49 2.86 -31.62	68.90 2.88 -32.17	62.58 3.23 -24.65	57.32 3.42 -18.27	55.91 3.38 -16.54	55.37 3.32 -16.77	56.06 3.18 -19.42	67.80 3.83 -26.83	99.50 6.44 -34.53	77.03 5.70 -16.57	70.32 4.82 -17.78	63.92 4.43 -15.61	60.15 3.84 -16.71	54.96 3.54 -15.98	48.78 3.06 -13.15
GLENWOOD___5 23614	50.40 2.71 -15.42	46.65 2.38 -13.75	42.98 2.46 -10.82	44.12 2.26 -12.92	43.05 2.34 -11.10	50.29 2.48 -13.89	58.31 4.52 -1.86	66.31 3.74 -20.10	65.51 3.30 -24.72	68.49 2.86 -31.62	68.90 2.88 -32.17	62.58 3.23 -24.65	57.32 3.42 -18.27	55.91 3.38 -16.54	55.37 3.32 -16.77	56.06 3.18 -19.42	67.80 3.83 -26.83	99.50 6.44 -34.53	77.03 5.70 -16.57	70.32 4.82 -17.78	63.92 4.43 -15.61	60.15 3.84 -16.71	54.96 3.54 -15.98	48.78 3.06 -13.15
GLOBAL GREEN_PORT_GT1 23814	54.95 7.26 -15.42	50.28 6.01 -13.75	46.81 6.29 -10.82	47.50 5.64 -12.92	46.45 5.75 -11.10	54.09 6.28 -13.89	67.35 13.56 -1.86	73.56 11.00 -20.10	71.39 9.18 -24.72	73.45 7.82 -31.62	73.58 7.55 -32.17	67.82 8.46 -24.65	62.63 8.73 -18.27	60.74 8.21 -16.54	60.02 7.97 -16.77	60.68 7.80 -19.42	74.23 10.25 -26.83	110.79 17.73 -34.53	87.49 16.16 -16.57	79.39 13.89 -17.78	71.95 12.46 -15.61	67.12 10.81 -16.71	60.42 9.01 -15.98	53.89 8.17 -13.15
GLOBE___DSASP 323697	33.18 -1.64 -2.55	31.21 -1.59 -2.27	29.94 -1.55 -1.79	29.72 -1.36 -2.14	29.94 -1.51 -1.84	34.16 -2.07 -2.30	46.32 -5.92 -0.31	41.91 -3.86 -3.31	37.48 -4.08 -4.08	35.66 -3.43 -5.09	35.41 -3.62 -5.17	34.85 -3.82 -3.97	34.76 -3.63 -2.76	34.75 -3.74 -2.50	34.26 -3.56 -2.54	33.05 -3.35 -2.94	36.73 -4.50 -4.08	55.66 -7.67 -4.79	50.20 -6.90 -2.34	44.22 -6.20 -2.70	40.60 -5.44 -2.17	37.41 -4.24 -2.05	34.48 -3.26 -2.30	32.19 -2.38 -2.00
GOETHSLN___LBMP 323567	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.59 2.96 -31.62	68.97 2.94 -32.17	62.37 3.02 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.53	55.23 3.18 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.72 5.68 -31.51	75.10 4.98 -15.35	69.66 4.20 -17.73	62.08 3.95 -14.26	56.49 3.41 -13.50	53.69 3.12 -15.13	48.33 2.64 -13.12
GOODYEAR_LAKE_HYD 323669	37.81 0.97 -4.57	35.44 0.85 -4.07	33.73 0.83 -3.20	33.61 0.84 -3.83	33.75 0.86 -3.29	39.10 1.05 -4.11	54.46 1.97 -0.55	49.74 1.74 -5.53	45.93 1.61 -6.84	44.09 1.43 -8.66	44.05 1.39 -8.81	42.84 1.39 -6.75	41.93 1.35 -4.95	41.80 1.33 -4.48	41.09 1.27 -4.54	39.96 1.24 -5.26	45.82 1.45 -7.23	69.43 2.40 -8.49	61.26 2.35 -4.14	54.56 2.05 -4.78	49.60 1.89 -3.84	44.69 1.47 -3.64	40.76 1.24 -4.08	37.15 1.04 -3.54
GOUDEY___7 23579	37.64 0.23 -5.14	35.29 0.18 -4.58	33.48 0.18 -3.61	33.51 0.26 -4.31	33.54 0.24 -3.70	38.73 0.17 -4.63	52.66 0.47 -0.62	49.55 0.47 -6.62	46.02 0.37 -8.16	44.50 0.27 -10.22	44.42 0.17 -10.40	42.84 0.17 -7.97	41.67 0.25 -5.78	41.45 0.22 -5.24	40.80 0.21 -5.31	39.81 0.20 -6.15	45.74 0.15 -8.45	68.75 0.29 -9.93	60.04 0.44 -4.83	53.55 0.24 -5.58	48.63 0.26 -4.49	44.08 0.24 -4.25	40.35 0.14 -4.77	36.90 0.20 -4.13
GOUDEY___8 23580	37.64 0.23 -5.14	35.29 0.18 -4.58	33.48 0.18 -3.61	33.51 0.26 -4.31	33.54 0.24 -3.70	38.73 0.17 -4.63	52.66 0.10 -0.62	49.55 0.47 -6.62	46.02 0.37 -8.16	44.50 0.27 -10.22	44.42 0.17 -10.40	42.84 0.17 -7.97	41.67 0.25 -5.78	41.45 0.22 -5.24	40.80 0.21 -5.31	39.81 0.20 -6.15	45.74 0.15 -8.45	68.75 0.29 -9.93	60.04 0.44 -4.83	53.55 0.24 -5.58	48.63 0.26 -4.49	44.08 0.24 -4.25	40.35 0.14 -4.77	36.90 0.20 -4.13



GOWANUS_GT1_1 24077	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT1_2 24078	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT1_3 24079	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT1_4 24080	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT1_5 24084	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT1_6 24111	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT1_7 24112	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT1_8 24113	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT2_1 24114	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT2_2 24115	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT2_3 24116	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT2_4 24117	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT2_5 24118	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT2_6 24119	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT2_7 24120	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT2_8 24121	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12



GOWANUS_GT3_1 24122	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT3_2 24123	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT3_3 24124	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT3_4 24125	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT3_5 24126	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT3_6 24127	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT3_7 24128	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT3_8 24129	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT4_1 24130	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT4_2 24131	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT4_3 24132	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT4_4 24133	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT4_5 24134	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT4_6 24135	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT4_7 24136	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
GOWANUS_GT4_8 24137	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12



GREENIDGE___3 23582	35.36 -0.03 -3.12	33.24 -0.06 -2.78	31.83 -0.06 -2.19	31.59 0.03 -2.62	31.86 0.00 -2.25	36.71 -0.03 -2.81	51.95 -0.36 -0.38	46.90 0.38 -4.06	42.67 0.19 -5.00	40.43 0.17 -6.25	40.29 0.07 -6.36	39.54 -0.03 -4.87	39.15 0.07 -3.45	39.12 0.00 -3.12	38.45 0.00 -3.17	37.16 0.03 -3.67	42.00 -0.18 -5.04	64.28 -0.18 -5.92	57.87 0.22 -2.89	51.01 -0.05 -3.33	46.51 -0.04 -2.68	42.09 -0.04 -2.54	38.11 -0.18 -2.84	34.97 -0.07 -2.47
GREENIDGE___4 23583	35.36 -0.03 -3.12	33.24 -0.06 -2.78	31.83 -0.06 -2.19	31.59 0.03 -2.62	31.86 0.00 -2.25	36.71 -0.03 -2.81	51.95 -0.36 -0.38	46.90 0.38 -4.06	42.67 0.19 -5.00	40.43 0.17 -6.25	40.29 0.07 -6.36	39.54 -0.03 -4.87	39.15 0.07 -3.45	39.12 0.00 -3.12	38.45 0.00 -3.17	37.16 0.03 -3.67	42.00 -0.18 -5.04	64.28 -0.18 -5.92	57.87 0.22 -2.89	51.01 -0.05 -3.33	46.51 -0.04 -2.68	42.09 -0.04 -2.54	38.11 -0.18 -2.84	34.97 -0.07 -2.47
GROVEVILLE___HYD 323602	50.59 2.49 -15.83	46.99 2.35 -14.12	43.04 2.23 -11.11	44.44 2.23 -13.27	43.32 2.31 -11.40	50.77 2.58 -14.26	58.26 4.41 -1.91	67.02 3.86 -20.69	66.49 3.52 -25.48	69.77 3.16 -32.60	70.13 3.11 -33.16	63.34 3.23 -25.41	57.78 3.31 -18.83	56.39 3.35 -17.05	55.85 3.28 -17.29	56.59 3.11 -20.02	68.71 3.90 -27.66	97.41 6.38 -32.50	76.18 5.59 -15.83	70.69 4.68 -18.28	62.88 4.30 -14.70	57.19 3.68 -13.92	54.27 3.22 -15.60	48.90 2.80 -13.53
HAMPSHIRE___PAPER_HYD 323593	32.18 -0.10 0.00	30.31 -0.21 0.00	29.46 -0.24 0.00	28.65 -0.29 0.00	29.34 -0.27 0.00	33.97 0.03 0.00	52.50 0.57 0.00	42.89 0.42 0.00	37.78 0.30 0.00	34.11 0.10 0.00	34.27 0.41 0.00	35.05 0.35 0.00	36.02 0.39 0.00	36.39 0.40 0.00	35.63 0.35 0.00	33.79 0.33 0.00	37.55 0.41 0.00	59.24 0.70 0.00	55.31 0.55 0.00	48.35 0.62 0.00	44.49 0.61 0.00	40.15 0.55 0.00	35.98 0.53 0.00	33.02 0.46 0.00
HARDSCRABBLE_WT_PWR 323673	34.03 2.10 0.34	32.17 1.95 0.31	31.36 1.90 0.24	30.53 1.88 0.29	31.26 1.90 0.25	35.83 2.20 0.31	55.26 3.37 0.04	45.31 2.85 0.00	40.00 2.51 0.00	36.25 2.24 0.00	36.03 2.17 0.00	36.85 2.15 0.00	37.73 2.10 0.00	38.15 2.16 0.00	37.47 2.19 0.00	35.63 2.17 0.00	39.74 2.60 0.00	62.69 4.16 0.00	58.66 3.89 0.00	51.07 3.34 0.00	46.99 3.12 0.00	42.40 2.81 0.00	37.96 2.52 0.00	34.88 2.31 0.00
HARZA MOOSE___RIVER 24016	32.73 0.45 0.00	30.85 0.34 0.00	30.02 0.33 0.00	29.26 0.32 0.00	29.97 0.36 0.00	34.47 0.54 0.00	53.02 1.09 0.00	44.05 1.10 -0.49	39.10 1.01 -0.60	35.59 0.85 -0.73	35.52 0.91 -0.75	36.14 0.87 -0.57	36.91 0.92 -0.36	37.22 0.90 -0.32	36.45 0.85 -0.33	34.64 0.80 -0.38	38.60 0.93 -0.53	60.79 1.64 -0.62	56.71 1.64 -0.30	49.56 1.48 -0.35	45.43 1.27 -0.28	40.81 0.95 -0.27	36.59 0.85 -0.30	33.51 0.69 -0.26
HEMPSTEAD___ 23647	50.37 2.68 -15.42	46.59 2.32 -13.75	42.95 2.44 -10.82	44.06 2.20 -12.92	42.96 2.25 -11.10	50.16 2.34 -13.89	58.47 4.68 -1.86	66.31 3.74 -20.10	65.43 3.22 -24.72	68.39 2.75 -31.62	68.77 2.74 -32.17	62.58 3.23 -24.65	57.32 3.42 -18.27	55.88 3.35 -16.54	55.33 3.28 -16.77	56.06 3.18 -19.42	67.80 3.83 -26.83	99.56 6.50 -34.53	77.14 5.80 -16.57	70.37 4.87 -17.78	64.01 4.52 -15.61	60.23 3.92 -16.71	54.93 3.51 -15.98	48.82 3.10 -13.15
HICKLING___1 23621	36.45 0.19 -3.98	34.22 0.15 -3.55	32.63 0.15 -2.79	32.53 0.26 -3.33	32.68 0.21 -2.86	37.65 0.14 -3.58	52.21 -0.21 -0.48	48.09 0.47 -5.15	44.21 0.37 -6.35	42.25 0.27 -7.97	42.07 0.10 -8.11	40.99 0.07 -6.22	40.24 0.14 -4.46	40.11 0.07 -4.04	39.45 0.07 -4.10	38.27 0.07 -4.74	43.53 -0.11 -6.50	66.10 -0.06 -7.63	58.76 0.28 -3.72	51.97 -0.05 -4.29	47.37 0.04 -3.45	42.98 0.12 -3.27	39.11 0.00 -3.66	35.91 0.16 -3.18
HICKLING___2 23622	36.45 0.19 -3.98	34.22 0.15 -3.55	32.63 0.15 -2.79	32.53 0.26 -3.33	32.68 0.21 -2.86	37.65 0.14 -3.58	52.21 -0.21 -0.48	48.09 0.47 -5.15	44.21 0.37 -6.35	42.25 0.27 -7.97	42.07 0.10 -8.11	40.99 0.07 -6.22	40.24 0.14 -4.46	40.11 0.07 -4.04	39.45 0.07 -4.10	38.27 0.07 -4.74	43.53 -0.11 -6.50	66.10 -0.06 -7.63	58.76 0.28 -3.72	51.97 -0.05 -4.29	47.37 0.04 -3.45	42.98 0.12 -3.27	39.11 0.00 -3.66	35.91 0.16 -3.18
HIGH FALLS___HY 23754	50.01 2.16 -15.57	46.45 2.05 -13.89	42.53 1.90 -10.93	43.90 1.91 -13.05	42.83 2.01 -11.21	50.27 2.31 -14.03	57.91 4.10 -1.88	66.35 3.44 -20.44	65.43 3.07 -24.87	68.55 2.72 -31.82	68.94 2.71 -32.37	62.25 2.74 -24.81	56.83 2.81 -18.38	55.37 2.73 -16.64	54.77 2.61 -16.88	55.54 2.54 -19.54	67.41 3.27 -27.00	95.63 5.38 -31.72	74.98 4.76 -15.45	69.58 4.01 -17.84	61.91 3.69 -14.35	56.22 3.05 -13.58	53.29 2.62 -15.22	47.96 2.18 -13.21
HILLBURN___GT 23639	49.32 2.26 -14.79	45.88 2.17 -13.19	42.18 2.11 -10.38	43.39 2.05 -12.40	42.39 2.13 -10.65	49.56 2.31 -13.32	57.66 3.94 -1.79	65.28 3.52 -19.29	64.39 3.15 -23.76	67.22 2.82 -30.39	67.58 2.81 -30.91	61.31 2.92 -23.69	56.21 3.03 -17.55	54.94 3.06 -15.89	54.39 3.00 -16.12	54.96 2.84 -18.66	66.48 3.49 -25.85	94.64 5.74 -30.37	74.59 5.04 -14.79	69.01 4.20 -17.08	61.47 3.86 -13.74	55.88 3.28 -13.00	52.93 2.91 -14.58	47.69 2.47 -12.65
HISHELDN_WT_PWR 323625	34.18 -1.00 -2.91	32.14 -0.98 -2.60	30.79 -0.95 -2.04	30.60 -0.78 -2.44	30.79 -0.92 -2.10	35.30 -1.25 -2.62	48.70 -3.58 -0.35	44.24 -2.00 -3.77	40.03 -2.10 -4.64	38.04 -1.77 -5.80	37.79 -1.96 -5.90	37.10 -2.12 -4.52	36.82 -1.99 -3.18	36.79 -2.09 -2.88	36.19 -2.01 -2.92	34.97 -1.87 -3.38	39.22 -2.60 -4.68	59.70 -4.33 -5.50	53.72 -3.73 -2.68	47.29 -3.53 -3.09	43.34 -3.03 -2.49	39.61 -2.34 -2.35	36.17 -1.91 -2.64	33.52 -1.34 -2.29
HOLTSVILLE_IC_1 23690	50.88 3.20 -15.42	46.92 2.65 -13.75	43.39 2.88 -10.82	44.41 2.55 -12.92	43.28 2.57 -11.10	50.50 2.68 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.18 3.97 -24.72	68.86 3.23 -31.62	69.11 3.08 -32.17	63.24 3.89 -24.65	57.92 4.03 -18.27	56.38 3.85 -16.54	55.83 3.78 -16.77	56.56 3.68 -19.42	68.54 4.57 -26.83	100.62 7.55 -34.53	78.29 6.96 -16.57	71.37 5.87 -17.78	65.10 5.62 -15.61	61.02 4.71 -16.71	55.53 4.11 -15.98	49.40 3.68 -13.15
HOLTSVILLE_IC_10 23699	51.56 3.87 -15.42	47.50 3.23 -13.75	43.99 3.47 -10.82	44.93 3.07 -12.92	43.82 3.11 -11.10	51.14 3.33 -13.89	61.17 7.37 -1.86	68.39 5.82 -20.10	67.04 4.84 -24.72	69.68 4.05 -31.62	69.89 3.86 -32.17	64.04 4.68 -24.65	58.71 4.81 -18.27	57.10 4.57 -16.54	56.50 4.45 -16.77	57.23 4.35 -19.42	69.36 5.38 -26.83	101.96 8.89 -34.53	79.60 8.27 -16.57	72.57 7.06 -17.78	66.20 6.71 -15.61	62.01 5.70 -16.71	56.31 4.89 -15.98	50.15 4.43 -13.15
HOLTSVILLE_IC_2 23691	50.88 3.20 -15.42	46.92 2.65 -13.75	43.39 2.88 -10.82	44.41 2.55 -12.92	43.28 2.57 -11.10	50.50 2.68 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.18 3.97 -24.72	68.86 3.23 -31.62	69.11 3.08 -32.17	63.24 3.89 -24.65	57.92 4.03 -18.27	56.38 3.85 -16.54	55.83 3.78 -16.77	56.56 3.68 -19.42	68.54 4.57 -26.83	100.62 7.55 -34.53	78.29 6.96 -16.57	71.37 5.87 -17.78	65.10 5.62 -15.61	61.02 4.71 -16.71	55.53 4.11 -15.98	49.40 3.68 -13.15
HOLTSVILLE_IC_3 23692	50.88 3.20 -15.42	46.92 2.65 -13.75	43.39 2.88 -10.82	44.41 2.55 -12.92	43.28 2.57 -11.10	50.50 2.68 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.18 3.97 -24.72	68.86 3.23 -31.62	69.11 3.08 -32.17	63.24 3.89 -24.65	57.92 4.03 -18.27	56.38 3.85 -16.54	55.83 3.78 -16.77	56.56 3.68 -19.42	68.54 4.57 -26.83	100.62 7.55 -34.53	78.29 6.96 -16.57	71.37 5.87 -17.78	65.10 5.62 -15.61	61.02 4.71 -16.71	55.53 4.11 -15.98	49.40 3.68 -13.15



HOLTSVILLE_IC_4 23693	50.88 3.20 -15.42	46.92 2.65 -13.75	43.39 2.88 -10.82	44.41 2.55 -12.92	43.28 2.57 -11.10	50.50 2.68 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.18 3.97 -24.72	68.86 3.23 -31.62	69.11 3.08 -32.17	63.24 3.89 -24.65	57.92 4.03 -18.27	56.38 3.85 -16.54	55.83 3.78 -16.77	56.56 3.68 -19.42	68.54 4.57 -26.83	100.62 7.55 -34.53	78.29 6.96 -16.57	71.37 5.87 -17.78	65.10 5.62 -15.61	61.02 4.71 -16.71	55.53 4.11 -15.98	49.40 3.68 -13.15
HOLTSVILLE_IC_5 23694	50.88 3.20 -15.42	46.92 2.65 -13.75	43.39 2.88 -10.82	44.41 2.55 -12.92	43.28 2.57 -11.10	50.50 2.68 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.18 3.97 -24.72	68.86 3.23 -31.62	69.11 3.08 -32.17	63.24 3.89 -24.65	57.92 4.03 -18.27	56.38 3.85 -16.54	55.83 3.78 -16.77	56.56 3.68 -19.42	68.54 4.57 -26.83	100.62 7.55 -34.53	78.29 6.96 -16.57	71.37 5.87 -17.78	65.10 5.62 -15.61	61.02 4.71 -16.71	55.53 4.11 -15.98	49.40 3.68 -13.15
HOLTSVILLE_IC_6 23695	51.56 3.87 -15.42	47.50 3.23 -13.75	43.99 3.47 -10.82	44.93 3.07 -12.92	43.82 3.11 -11.10	51.14 3.33 -13.89	61.17 7.37 -1.86	68.39 5.82 -20.10	67.04 4.84 -24.72	69.68 4.05 -31.62	69.89 3.86 -32.17	64.04 4.68 -24.65	58.71 4.81 -18.27	57.10 4.57 -16.54	56.50 4.45 -16.77	57.23 4.35 -19.42	69.36 5.38 -26.83	101.96 8.89 -34.53	79.60 8.27 -16.57	72.57 7.06 -17.78	66.20 6.71 -15.61	62.01 5.70 -16.71	56.31 4.89 -15.98	50.15 4.43 -13.15
HOLTSVILLE_IC_7 23696	51.56 3.87 -15.42	47.50 3.23 -13.75	43.99 3.47 -10.82	44.93 3.07 -12.92	43.82 3.11 -11.10	51.14 3.33 -13.89	61.17 7.37 -1.86	68.39 5.82 -20.10	67.04 4.84 -24.72	69.68 4.05 -31.62	69.89 3.86 -32.17	64.04 4.68 -24.65	58.71 4.81 -18.27	57.10 4.57 -16.54	56.50 4.45 -16.77	57.23 4.35 -19.42	69.36 5.38 -26.83	101.96 8.89 -34.53	79.60 8.27 -16.57	72.57 7.06 -17.78	66.20 6.71 -15.61	62.01 5.70 -16.71	56.31 4.89 -15.98	50.15 4.43 -13.15
HOLTSVILLE_IC_8 23697	51.56 3.87 -15.42	47.50 3.23 -13.75	43.99 3.47 -10.82	44.93 3.07 -12.92	43.82 3.11 -11.10	51.14 3.33 -13.89	61.17 7.37 -1.86	68.39 5.82 -20.10	67.04 4.84 -24.72	69.68 4.05 -31.62	69.89 3.86 -32.17	64.04 4.68 -24.65	58.71 4.81 -18.27	57.10 4.57 -16.54	56.50 4.45 -16.77	57.23 4.35 -19.42	69.36 5.38 -26.83	101.96 8.89 -34.53	79.60 8.27 -16.57	72.57 7.06 -17.78	66.20 6.71 -15.61	62.01 5.70 -16.71	56.31 4.89 -15.98	50.15 4.43 -13.15
HOLTSVILLE_IC_9 23698	51.56 3.87 -15.42	47.50 3.23 -13.75	43.99 3.47 -10.82	44.93 3.07 -12.92	43.82 3.11 -11.10	51.14 3.33 -13.89	61.17 7.37 -1.86	68.39 5.82 -20.10	67.04 4.84 -24.72	69.68 4.05 -31.62	69.89 3.86 -32.17	64.04 4.68 -24.65	58.71 4.81 -18.27	57.10 4.57 -16.54	56.50 4.45 -16.77	57.23 4.35 -19.42	69.36 5.38 -26.83	101.96 8.89 -34.53	79.60 8.27 -16.57	72.57 7.06 -17.78	66.20 6.71 -15.61	62.01 5.70 -16.71	56.31 4.89 -15.98	50.15 4.43 -13.15
HOWARD_WT_PWR 323690	35.60 -0.06 -3.39	33.42 -0.12 -3.02	31.92 -0.15 -2.38	31.81 0.03 -2.84	31.99 -0.06 -2.44	36.81 -0.17 -3.05	51.46 -0.88 -0.41	47.08 0.21 -4.40	42.90 0.00 -5.42	40.84 0.03 -6.80	40.64 -0.13 -6.92	39.76 -0.24 -5.30	39.23 -0.18 -3.77	39.19 -0.21 -3.41	38.57 -0.18 -3.46	37.34 -0.13 -4.01	42.23 -0.41 -5.49	64.40 -0.59 -6.45	57.80 -0.11 -3.14	50.97 -0.38 -3.63	46.49 -0.30 -2.92	42.20 -0.16 -2.76	38.33 -0.21 -3.10	35.22 -0.03 -2.69
HQ_GEN_CEDARS 23644	31.21 -1.06 0.00	29.42 -1.10 0.00	28.60 -1.10 0.00	27.73 -1.21 0.00	28.39 -1.22 0.00	32.88 -1.05 0.00	51.05 -0.88 0.00	41.49 -0.98 0.00	36.55 -0.94 0.00	32.99 -1.02 0.00	33.11 -0.75 0.00	33.94 -0.76 0.00	34.88 -0.75 0.00	35.27 -0.72 0.00	34.57 -0.71 0.00	32.75 -0.70 0.00	36.40 -0.74 0.00	57.36 -1.17 0.00	53.40 -1.37 0.00	46.77 -0.95 0.00	43.00 -0.88 0.00	38.84 -0.75 0.00	34.84 -0.60 0.00	32.18 -0.39 0.00
HQ_GEN_CEDARS_PROXY 323590	31.21 -1.06 0.00	29.42 -1.10 0.00	28.60 -1.10 0.00	27.73 -1.21 0.00	28.39 -1.22 0.00	32.88 -1.05 0.00	51.05 -0.88 0.00	41.49 -0.98 0.00	36.55 -0.94 0.00	32.99 -1.02 0.00	33.11 -0.75 0.00	33.94 -0.76 0.00	34.88 -0.75 0.00	35.27 -0.72 0.00	34.57 -0.71 0.00	32.75 -0.70 0.00	36.40 -0.74 0.00	57.36 -1.17 0.00	53.40 -1.37 0.00	46.77 -0.95 0.00	43.00 -0.88 0.00	38.84 -0.75 0.00	34.84 -0.60 0.00	32.18 -0.39 0.00
HQ_GEN_IMPORT 323601	31.59 -0.68 0.00	29.88 -0.64 0.00	29.07 -0.62 0.00	28.28 -0.66 0.00	28.96 -0.65 0.00	33.25 -0.68 0.00	43.85 -0.83 7.25	30.50 -0.81 11.15	30.67 -0.71 6.10	30.50 -0.68 2.82	30.50 -0.64 2.71	30.50 -0.62 3.57	30.50 -0.64 4.49	30.50 -0.61 4.88	30.50 -0.60 4.18	30.50 -0.60 2.35	36.51 -0.63 0.00	49.50 -1.00 8.04	34.25 -1.04 19.48	31.38 -0.81 15.54	30.50 -0.75 12.63	30.50 -0.67 8.41	34.87 -0.57 0.00	32.08 -0.49 0.00
HQ_GEN_WHEEL 23651	31.59 -0.68 0.00	29.88 -0.64 0.00	29.07 -0.62 0.00	28.28 -0.66 0.00	28.96 -0.65 0.00	33.25 -0.68 0.00	43.85 -0.83 7.25	30.50 -0.81 11.15	30.67 -0.71 6.10	30.50 -0.68 2.82	30.50 -0.64 2.71	30.50 -0.62 3.57	30.50 -0.64 4.49	30.50 -0.61 4.88	30.50 -0.60 4.18	30.50 -0.60 2.35	36.51 -0.63 0.00	49.50 -1.00 8.04	34.25 -1.04 19.48	31.38 -0.81 15.54	30.50 -0.75 12.63	30.50 -0.67 8.41	34.87 -0.57 0.00	32.08 -0.49 0.00
HUDSON_AVE_GT_3 23810	50.24 2.55 -15.41	46.62 2.35 -13.75	42.83 2.32 -10.82	44.09 2.23 -12.92	43.02 2.31 -11.10	50.33 2.51 -13.88	57.90 4.10 -1.86	66.22 3.65 -20.10	65.54 3.34 -24.72	68.65 3.03 -31.62	69.04 3.01 -32.17	62.51 3.16 -24.65	57.17 3.28 -18.26	55.88 3.35 -16.53	55.37 3.32 -16.77	55.99 3.11 -19.42	67.65 3.68 -26.83	96.02 5.97 -31.51	75.37 5.26 -15.35	69.90 4.44 -17.73	62.30 4.17 -14.26	56.69 3.60 -13.50	53.80 3.22 -15.13	48.46 2.77 -13.12
HUDSON_AVE_GT_4 23540	50.24 2.55 -15.41	46.62 2.35 -13.75	42.83 2.32 -10.82	44.09 2.23 -12.92	43.02 2.31 -11.10	50.33 2.51 -13.88	57.90 4.10 -1.86	66.22 3.65 -20.10	65.54 3.34 -24.72	68.65 3.03 -31.62	69.04 3.01 -32.17	62.51 3.16 -24.65	57.17 3.28 -18.26	55.88 3.35 -16.53	55.37 3.32 -16.77	55.99 3.11 -19.42	67.65 3.68 -26.83	96.02 5.97 -31.51	75.37 5.26 -15.35	69.90 4.44 -17.73	62.30 4.17 -14.26	56.69 3.60 -13.50	53.80 3.22 -15.13	48.46 2.77 -13.12
HUDSON_AVE_GT_5 23657	50.24 2.55 -15.41	46.62 2.35 -13.75	42.83 2.32 -10.82	44.09 2.23 -12.92	43.02 2.31 -11.10	50.33 2.51 -13.88	57.90 4.10 -1.86	66.22 3.65 -20.10	65.54 3.34 -24.72	68.65 3.03 -31.62	69.04 3.01 -32.17	62.51 3.16 -24.65	57.17 3.28 -18.26	55.88 3.35 -16.53	55.37 3.32 -16.77	55.99 3.11 -19.42	67.65 3.68 -26.83	96.02 5.97 -31.51	75.37 5.26 -15.35	69.90 4.44 -17.73	62.30 4.17 -14.26	56.69 3.60 -13.50	53.80 3.22 -15.13	48.46 2.77 -13.12
HUDSON_AVE_10 24168	50.07 2.39 -15.41	46.49 2.23 -13.75	42.71 2.20 -10.82	43.97 2.11 -12.92	42.90 2.19 -11.10	50.19 2.37 -13.88	57.74 3.94 -1.86	66.13 3.57 -20.10	65.50 3.30 -24.72	68.55 2.93 -31.62	68.94 2.91 -32.17	62.37 3.02 -24.65	57.03 3.14 -18.26	55.73 3.20 -16.53	55.23 3.18 -16.77	55.85 2.98 -19.42	67.54 3.57 -26.83	95.84 5.80 -31.51	75.21 5.09 -15.35	69.75 4.30 -17.73	62.12 3.99 -14.26	56.53 3.44 -13.50	53.62 3.05 -15.13	48.30 2.61 -13.12
HUNTER_MOUNT___DRP 323613	51.31 1.90 -17.13	47.57 1.77 -15.28	43.38 1.66 -12.02	44.98 1.68 -14.36	43.69 1.75 -12.33	51.43 2.07 -15.43	57.22 3.22 -2.07	67.71 2.72 -22.53	67.70 3.86 -26.35	71.20 3.47 -33.72	71.58 3.42 -34.30	64.42 3.44 -26.29	58.60 3.49 -19.48	57.12 3.49 -17.64	56.59 3.42 -17.89	57.41 3.24 -20.71	69.99 4.23 -28.62	99.28 7.14 -33.62	77.38 6.24 -16.37	71.84 5.20 -18.91	63.82 4.74 -15.21	57.94 3.96 -14.39	55.02 3.44 -16.14	49.50 2.93 -14.00



HUNTLEY___63 23557	33.76 -1.10 -2.58	31.72 -1.10 -2.30	30.44 -1.07 -1.81	30.21 -0.90 -2.16	30.40 -1.06 -1.86	34.80 -1.46 -2.33	47.62 -4.62 -0.31	43.10 -2.72 -3.36	38.74 -2.89 -4.14	36.75 -2.41 -5.16	36.53 -2.57 -5.25	35.94 -2.78 -4.02	35.84 -2.60 -2.80	35.80 -2.74 -2.54	35.28 -2.57 -2.58	34.03 -2.41 -2.98	37.87 -3.42 -4.14	57.60 -5.80 -4.87	51.99 -5.15 -2.37	45.74 -4.73 -2.74	42.00 -4.08 -2.20	38.59 -3.09 -2.08	35.40 -2.37 -2.34	32.90 -1.69 -2.03
HUNTLEY___64 23558	33.76 -1.10 -2.58	31.72 -1.10 -2.30	30.44 -1.07 -1.81	30.21 -0.90 -2.16	30.40 -1.06 -1.86	34.80 -1.46 -2.33	47.62 -4.62 -0.31	43.10 -2.72 -3.36	38.74 -2.89 -4.14	36.75 -2.41 -5.16	36.53 -2.57 -5.25	35.94 -2.78 -4.02	35.84 -2.60 -2.80	35.80 -2.74 -2.54	35.28 -2.57 -2.58	34.03 -2.41 -2.98	37.87 -3.42 -4.14	57.60 -5.80 -4.87	51.99 -5.15 -2.37	45.74 -4.73 -2.74	42.00 -4.08 -2.20	38.59 -3.09 -2.08	35.40 -2.37 -2.34	32.90 -1.69 -2.03
HUNTLEY___65 23559	33.76 -1.10 -2.58	31.72 -1.10 -2.30	30.44 -1.07 -1.81	30.21 -0.90 -2.16	30.40 -1.06 -1.86	34.80 -1.46 -2.33	47.62 -4.62 -0.31	43.10 -2.72 -3.36	38.74 -2.89 -4.14	36.75 -2.41 -5.16	36.53 -2.57 -5.25	35.94 -2.78 -4.02	35.84 -2.60 -2.80	35.80 -2.74 -2.54	35.28 -2.57 -2.58	34.03 -2.41 -2.98	37.87 -3.42 -4.14	57.60 -5.80 -4.87	51.99 -5.15 -2.37	45.74 -4.73 -2.74	42.00 -4.08 -2.20	38.59 -3.09 -2.08	35.40 -2.37 -2.34	32.90 -1.69 -2.03
HUNTLEY___66 23560	33.76 -1.10 -2.58	31.72 -1.10 -2.30	30.44 -1.07 -1.81	30.21 -0.90 -2.16	30.40 -1.06 -1.86	34.80 -1.46 -2.33	47.62 -4.62 -0.31	43.10 -2.72 -3.36	38.74 -2.89 -4.14	36.75 -2.41 -5.16	36.53 -2.57 -5.25	35.94 -2.78 -4.02	35.84 -2.60 -2.80	35.80 -2.74 -2.54	35.28 -2.57 -2.58	34.03 -2.41 -2.98	37.87 -3.42 -4.14	57.60 -5.80 -4.87	51.99 -5.15 -2.37	45.74 -4.73 -2.74	42.00 -4.08 -2.20	38.59 -3.09 -2.08	35.40 -2.37 -2.34	32.90 -1.69 -2.03
HUNTLEY___67 23561	33.40 -1.48 -2.61	31.41 -1.43 -2.33	30.13 -1.40 -1.83	29.91 -1.21 -2.19	30.12 -1.36 -1.88	34.45 -1.83 -2.35	47.36 -4.88 -0.32	42.78 -3.06 -3.38	38.50 -3.15 -4.16	36.54 -2.65 -5.19	36.29 -2.84 -5.28	35.69 -3.05 -4.04	35.53 -2.92 -2.82	35.53 -3.02 -2.56	34.98 -2.89 -2.59	33.75 -2.71 -3.00	37.63 -3.68 -4.17	57.16 -6.26 -4.89	51.62 -5.53 -2.38	45.38 -5.11 -2.75	41.70 -4.39 -2.21	38.24 -3.44 -2.10	35.03 -2.76 -2.35	32.62 -1.99 -2.04
HUNTLEY___68 23562	33.40 -1.48 -2.61	31.41 -1.43 -2.33	30.13 -1.40 -1.83	29.91 -1.21 -2.19	30.12 -1.36 -1.88	34.45 -1.83 -2.35	47.36 -4.88 -0.32	42.78 -3.06 -3.38	38.50 -3.15 -4.16	36.54 -2.65 -5.19	36.29 -2.84 -5.28	35.69 -3.05 -4.04	35.53 -2.92 -2.82	35.53 -3.02 -2.56	34.98 -2.89 -2.59	33.75 -2.71 -3.00	37.63 -3.68 -4.17	57.16 -6.26 -4.89	51.62 -5.53 -2.38	45.38 -5.11 -2.75	41.70 -4.39 -2.21	38.24 -3.44 -2.10	35.03 -2.76 -2.35	32.62 -1.99 -2.04
HYLAND___LFGE 323620	35.41 0.32 -2.82	33.25 0.22 -2.51	31.88 0.21 -1.98	31.62 0.32 -2.36	31.93 0.30 -2.03	36.77 0.30 -2.54	52.12 -0.16 -0.34	47.00 0.89 -3.64	42.65 0.68 -4.49	40.26 0.64 -5.60	40.10 0.54 -5.70	39.45 0.38 -4.37	39.20 0.50 -3.07	39.20 0.43 -2.78	38.52 0.42 -2.82	37.15 0.43 -3.26	41.92 0.26 -4.51	64.42 0.59 -5.30	58.34 0.99 -2.58	51.33 0.62 -2.98	46.84 0.57 -2.40	42.46 0.59 -2.27	38.34 0.35 -2.55	35.20 0.42 -2.21
INDECK___CORINTH 23802	54.46 1.00 -21.18	50.36 0.95 -18.90	45.48 0.92 -14.87	47.65 0.95 -17.76	45.78 0.92 -15.25	54.20 1.19 -19.08	56.85 2.39 -2.53	71.02 2.08 -26.48	72.20 1.95 -32.76	77.44 1.49 -41.94	77.91 1.39 -42.67	68.37 0.97 -32.70	60.73 0.85 -24.24	58.73 0.79 -21.95	58.31 0.78 -22.26	60.00 0.77 -25.77	73.57 0.82 -35.61	102.06 1.70 -41.83	77.66 2.52 -20.37	73.41 2.15 -23.53	65.04 2.24 -18.92	59.60 2.10 -17.91	57.23 1.70 -20.08	51.49 1.50 -17.42
INDECK___ILION 23567	33.29 1.36 0.34	31.49 1.28 0.31	30.70 1.25 0.24	29.87 1.22 0.29	30.61 1.24 0.25	35.05 1.42 0.31	54.07 2.18 0.04	44.25 1.78 0.00	39.06 1.57 0.00	35.44 1.43 0.00	35.25 1.39 0.00	36.09 1.39 0.00	36.99 1.35 0.00	37.36 1.37 0.00	36.65 1.37 0.00	34.80 1.34 0.00	38.70 1.56 0.00	61.05 2.52 0.00	57.12 2.35 0.00	49.73 2.00 0.00	45.76 1.89 0.00	41.25 1.66 0.00	36.93 1.49 0.00	33.90 1.34 0.00
INDECK___OLEAN 23982	35.29 0.16 -2.85	33.06 0.00 -2.55	31.70 0.00 -2.00	31.48 0.15 -2.39	31.75 0.09 -2.05	36.60 0.10 -2.57	51.60 -0.68 -0.35	47.17 0.98 -3.73	42.83 0.75 -4.59	40.38 0.64 -5.73	40.16 0.47 -5.83	39.44 0.28 -4.47	39.13 0.36 -3.14	39.09 0.25 -2.85	38.38 0.21 -2.89	36.97 0.17 -3.34	41.59 -0.18 -4.63	64.03 0.06 -5.44	57.85 0.44 -2.65	50.69 -0.10 -3.06	46.42 0.09 -2.46	42.12 0.20 -2.33	37.95 -0.11 -2.61	34.93 0.10 -2.26
INDECK___OSWEGO 23783	33.08 -0.52 -1.32	31.18 -0.52 -1.18	30.12 -0.50 -0.93	29.58 -0.46 -1.11	30.08 -0.47 -0.95	34.54 -0.58 -1.19	51.10 -0.99 -0.16	43.34 -0.72 -1.59	38.74 -0.71 -1.96	36.24 -0.44 -2.68	36.11 -0.47 -2.72	36.27 -0.52 -2.09	36.64 -0.32 -1.33	36.84 -0.36 -1.21	36.15 -0.35 -1.22	34.57 -0.30 -1.42	38.73 -0.41 -2.00	60.29 -0.59 -2.34	55.47 -0.44 -1.14	48.62 -0.43 -1.32	44.54 -0.40 -1.06	40.20 -0.40 -1.00	36.18 -0.39 -1.13	33.19 -0.36 -0.98
INDECK___YERKES 23781	33.76 -1.10 -2.58	31.72 -1.10 -2.30	30.44 -1.07 -1.81	30.21 -0.90 -2.16	30.40 -1.06 -1.86	34.80 -1.46 -2.33	47.62 -4.62 -0.31	43.10 -2.72 -3.36	38.74 -2.89 -4.14	36.75 -2.41 -5.16	36.53 -2.57 -5.25	35.94 -2.78 -4.02	35.84 -2.60 -2.80	35.80 -2.74 -2.54	35.28 -2.57 -2.58	34.03 -2.41 -2.98	37.87 -3.42 -4.14	57.60 -5.80 -4.87	51.99 -5.15 -2.37	45.74 -4.73 -2.74	42.00 -4.08 -2.20	38.59 -3.09 -2.08	35.40 -2.37 -2.34	32.90 -1.69 -2.03
INDIAN POINT_GT_1 24139	49.70 2.13 -15.29	46.17 2.01 -13.64	42.39 1.96 -10.73	43.67 1.91 -12.82	42.60 1.98 -11.01	49.85 2.14 -13.78	57.47 3.69 -1.85	65.71 3.27 -19.97	65.01 2.96 -24.56	68.08 2.65 -31.42	68.46 2.64 -31.96	61.97 2.78 -24.49	56.63 2.85 -18.15	55.34 2.91 -16.43	54.80 2.86 -16.66	55.46 2.71 -19.29	67.07 3.27 -26.66	95.22 5.38 -31.31	74.78 4.76 -15.25	69.30 3.96 -17.61	61.73 3.69 -14.16	56.13 3.13 -13.41	53.24 2.77 -15.03	47.95 2.35 -13.04
INDIAN POINT_GT_2 23659	49.70 2.13 -15.29	46.17 2.01 -13.64	42.39 1.96 -10.73	43.67 1.91 -12.82	42.60 1.98 -11.01	49.85 2.14 -13.78	57.47 3.69 -1.85	65.71 3.27 -19.97	65.01 2.96 -24.56	68.08 2.65 -31.42	68.46 2.64 -31.96	61.97 2.78 -24.49	56.63 2.85 -18.15	55.34 2.91 -16.43	54.80 2.86 -16.66	55.46 2.71 -19.29	67.07 3.27 -26.66	95.22 5.38 -31.31	74.78 4.76 -15.25	69.30 3.96 -17.61	61.73 3.69 -14.16	56.13 3.13 -13.41	53.24 2.77 -15.03	47.95 2.35 -13.04
INDIAN POINT_GT_3 24019	49.70 2.13 -15.29	46.17 2.01 -13.64	42.39 1.96 -10.73	43.67 1.91 -12.82	42.60 1.98 -11.01	49.85 2.14 -13.78	57.47 3.69 -1.85	65.71 3.27 -19.97	65.01 2.96 -24.56	68.08 2.65 -31.42	68.46 2.64 -31.96	61.97 2.78 -24.49	56.63 2.85 -18.15	55.34 2.91 -16.43	54.80 2.86 -16.66	55.46 2.71 -19.29	67.07 3.27 -26.66	95.22 5.38 -31.31	74.78 4.76 -15.25	69.30 3.96 -17.61	61.73 3.69 -14.16	56.13 3.13 -13.41	53.24 2.77 -15.03	47.95 2.35 -13.04
INDIAN POINT___2 23530	49.48 2.07 -15.14	45.98 1.95 -13.50	42.22 1.90 -10.62	43.48 1.85 -12.69	42.43 1.92 -10.90	49.64 2.07 -13.63	57.34 3.58 -1.83	65.40 3.14 -19.79	64.67 2.85 -24.34	67.69 2.55 -31.13	68.07 2.54 -31.67	61.64 2.67 -24.27	56.39 2.78 -17.98	55.08 2.81 -16.28	54.58 2.79 -16.51	55.18 2.61 -19.11	66.75 3.19 -26.41	94.76 5.21 -31.02	74.48 4.60 -15.11	69.04 3.86 -17.45	61.46 3.55 -14.03	55.92 3.05 -13.28	53.03 2.69 -14.89	47.77 2.28 -12.92



INDIAN POINT___3 23531	49.61 2.03 -15.30	46.09 1.92 -13.65	42.30 1.87 -10.74	43.59 1.82 -12.82	42.52 1.90 -11.01	49.75 2.04 -13.78	57.31 3.53 -1.85	65.54 3.10 -19.98	64.87 2.81 -24.57	67.95 2.52 -31.43	68.34 2.51 -31.97	61.84 2.64 -24.50	56.53 2.74 -18.15	55.20 2.77 -16.43	54.70 2.75 -16.67	55.33 2.58 -19.30	66.93 3.12 -26.67	95.01 5.15 -31.32	74.56 4.54 -15.25	69.12 3.77 -17.62	61.56 3.51 -14.17	56.01 3.01 -13.41	53.14 2.66 -15.04	47.86 2.25 -13.04
IP CORINTH___1 23988	54.59 1.13 -21.18	50.48 1.07 -18.90	45.60 1.04 -14.87	47.74 1.04 -17.76	45.87 1.01 -15.25	54.30 1.29 -19.08	57.00 2.54 -2.53	71.19 2.25 -26.48	72.35 2.10 -32.76	77.58 1.63 -41.94	78.01 1.49 -42.67	68.44 1.04 -32.70	60.80 0.92 -24.24	58.77 0.83 -21.95	58.35 0.81 -22.26	60.03 0.80 -25.77	73.61 0.85 -35.61	102.18 1.82 -41.83	77.82 2.68 -20.37	73.55 2.29 -23.53	65.21 2.41 -18.92	59.76 2.26 -17.91	57.40 1.88 -20.08	51.62 1.63 -17.42
IP___TICONDEROGA 23804	55.95 2.87 -20.80	51.85 2.78 -18.56	47.00 2.70 -14.60	49.04 2.66 -17.44	47.28 2.69 -14.98	55.86 3.19 -18.74	59.62 5.19 -2.49	73.24 4.59 -26.19	74.04 4.16 -32.39	79.18 3.71 -41.47	79.63 3.59 -42.18	70.53 3.50 -32.33	63.13 3.53 -23.97	61.15 3.46 -21.70	60.67 3.39 -22.01	62.18 3.24 -25.48	75.84 3.49 -35.21	105.69 5.80 -41.36	80.83 5.92 -20.14	76.00 5.01 -23.27	67.23 4.65 -18.71	61.50 4.19 -17.71	58.95 3.65 -19.85	53.02 3.23 -17.22
ISLIP_RES_REC 323679	52.17 4.48 -15.42	48.05 3.78 -13.75	44.55 4.04 -10.82	45.42 3.56 -12.92	44.32 3.61 -11.10	51.72 3.90 -13.89	62.26 8.47 -1.86	69.27 6.71 -20.10	67.83 5.62 -24.72	70.36 4.73 -31.62	70.57 4.54 -32.17	64.73 5.38 -24.65	59.42 5.52 -18.27	57.79 5.26 -16.54	57.17 5.11 -16.77	57.86 4.99 -19.42	70.21 6.24 -26.83	103.42 10.36 -34.53	80.91 9.58 -16.57	73.76 8.26 -17.78	67.25 7.77 -15.61	62.96 6.65 -16.71	57.09 5.67 -15.98	50.86 5.14 -13.15
JARVIS____ 23743	32.25 0.32 0.34	30.52 0.31 0.31	29.75 0.30 0.24	28.94 0.29 0.29	29.66 0.30 0.25	33.96 0.34 0.31	52.36 0.47 0.04	42.85 0.38 0.00	37.82 0.34 0.00	34.31 0.31 0.00	34.13 0.27 0.00	34.98 0.28 0.00	35.85 0.22 0.00	36.21 0.22 0.00	35.49 0.21 0.00	33.69 0.24 0.00	37.40 0.26 0.00	58.94 0.41 0.00	55.15 0.39 0.00	48.06 0.34 0.00	44.19 0.31 0.00	39.87 0.28 0.00	35.69 0.25 0.00	32.77 0.20 0.00
JENNISON___1 23625	39.23 1.55 -5.41	36.75 1.40 -4.83	34.86 1.37 -3.80	34.86 1.39 -4.54	34.96 1.45 -3.90	40.54 1.73 -4.87	55.54 2.96 -0.65	52.21 2.85 -6.90	48.46 2.47 -8.50	46.86 2.07 -10.78	46.82 2.00 -10.96	45.11 2.01 -8.40	43.82 2.07 -6.12	43.55 2.01 -5.54	42.88 1.97 -5.62	41.87 1.91 -6.51	48.18 2.15 -8.89	72.66 3.69 -10.44	63.58 3.73 -5.08	56.75 3.15 -5.87	51.45 2.85 -4.72	46.28 2.22 -4.47	42.37 1.91 -5.01	38.58 1.66 -4.35
JENNISON___2 23626	39.20 1.52 -5.41	36.72 1.37 -4.83	34.83 1.34 -3.80	34.81 1.33 -4.54	34.90 1.39 -3.90	40.50 1.70 -4.87	55.44 2.85 -0.65	52.12 2.76 -6.90	48.39 2.40 -8.50	46.79 2.01 -10.78	46.75 1.93 -10.96	45.04 1.94 -8.40	43.75 1.99 -6.12	43.52 1.98 -5.54	42.81 1.90 -5.62	41.81 1.84 -6.51	48.14 2.12 -8.89	72.54 3.57 -10.44	63.46 3.61 -5.08	56.66 3.06 -5.87	51.36 2.77 -4.72	46.20 2.14 -4.47	42.30 1.84 -5.01	38.51 1.60 -4.35
KEDC PORT_JEFF_GT2 24210	51.53 3.84 -15.42	47.47 3.20 -13.75	43.96 3.44 -10.82	44.87 3.01 -12.92	43.79 3.08 -11.10	51.08 3.26 -13.89	61.01 7.22 -1.86	68.26 5.69 -20.10	66.97 4.76 -24.72	69.57 3.94 -31.62	69.79 3.76 -32.17	63.93 4.58 -24.65	58.60 4.70 -18.27	56.99 4.46 -16.54	56.39 4.34 -16.77	57.13 4.25 -19.42	69.02 5.05 -26.83	101.26 8.19 -34.53	79.11 7.77 -16.57	72.14 6.63 -17.78	66.02 6.54 -15.61	61.89 5.58 -16.71	56.20 4.78 -15.98	50.02 4.30 -13.15
KEDC PORT_JEFF_GT3 24211	51.53 3.84 -15.42	47.47 3.20 -13.75	43.96 3.44 -10.82	44.87 3.01 -12.92	43.79 3.08 -11.10	51.08 3.26 -13.89	61.01 7.22 -1.86	68.26 5.69 -20.10	66.97 4.76 -24.72	69.57 3.94 -31.62	69.79 3.76 -32.17	63.93 4.58 -24.65	58.60 4.70 -18.27	56.99 4.46 -16.54	56.39 4.34 -16.77	57.13 4.25 -19.42	69.02 5.05 -26.83	101.26 8.19 -34.53	79.11 7.77 -16.57	72.14 6.63 -17.78	66.02 6.54 -15.61	61.89 5.58 -16.71	56.20 4.78 -15.98	50.02 4.30 -13.15
KEDC_GLWD_GT4 24219	50.40 2.71 -15.42	46.65 2.38 -13.75	42.98 2.46 -10.82	44.12 2.26 -12.92	43.05 2.34 -11.10	50.29 2.48 -13.89	58.21 4.41 -1.86	66.22 3.65 -20.10	65.43 3.22 -24.72	68.42 2.79 -31.62	68.84 2.81 -32.17	62.51 3.16 -24.65	57.21 3.31 -18.27	55.84 3.31 -16.54	55.30 3.24 -16.77	55.99 3.11 -19.42	67.72 3.75 -26.83	99.39 6.32 -34.53	76.92 5.59 -16.57	70.23 4.73 -17.78	63.83 4.34 -15.61	60.07 3.76 -16.71	54.96 3.54 -15.98	48.78 3.06 -13.15
KEDC_GLWD_GT5 24220	50.40 2.71 -15.42	46.65 2.38 -13.75	42.98 2.46 -10.82	44.12 2.26 -12.92	43.05 2.34 -11.10	50.29 2.48 -13.89	58.21 4.41 -1.86	66.22 3.65 -20.10	65.43 3.22 -24.72	68.42 2.79 -31.62	68.84 2.81 -32.17	62.51 3.16 -24.65	57.21 3.31 -18.27	55.84 3.31 -16.54	55.30 3.24 -16.77	55.99 3.11 -19.42	67.72 3.75 -26.83	99.39 6.32 -34.53	76.92 5.59 -16.57	70.23 4.73 -17.78	63.83 4.34 -15.61	60.07 3.76 -16.71	54.96 3.54 -15.98	48.78 3.06 -13.15
KENSICO____ 23655	49.95 2.29 -15.39	46.38 2.14 -13.73	42.60 2.11 -10.80	43.86 2.03 -12.90	42.79 2.10 -11.08	50.07 2.27 -13.86	57.69 3.90 -1.86	65.98 3.44 -20.08	65.28 3.11 -24.69	68.41 2.82 -31.58	68.80 2.81 -32.13	62.27 2.95 -24.62	56.94 3.06 -18.24	55.60 3.10 -16.52	55.07 3.03 -16.75	55.73 2.88 -19.39	67.39 3.45 -26.80	95.63 5.62 -31.48	75.08 4.98 -15.33	69.64 4.20 -17.71	61.98 3.86 -14.24	56.40 3.33 -13.48	53.49 2.94 -15.11	48.22 2.54 -13.11
KIAC_JFK_GT1 23816	49.69 2.00 -15.41	46.13 1.86 -13.75	42.32 1.81 -10.82	43.59 1.74 -12.92	42.51 1.81 -11.10	49.85 2.04 -13.88	57.33 3.53 -1.86	65.84 3.27 -20.10	65.31 3.11 -24.72	68.31 2.69 -31.62	68.60 2.57 -32.17	62.02 2.67 -24.65	56.68 2.78 -18.26	55.41 2.88 -16.53	54.87 2.82 -16.77	55.55 2.68 -19.42	67.20 3.23 -26.83	95.31 5.27 -31.51	74.72 4.60 -15.35	69.32 3.86 -17.73	61.77 3.64 -14.26	56.09 3.01 -13.50	53.19 2.62 -15.13	47.91 2.22 -13.12
KIAC_JFK_GT2 23817	49.69 2.00 -15.41	46.13 1.86 -13.75	42.32 1.81 -10.82	43.59 1.74 -12.92	42.51 1.81 -11.10	49.85 2.04 -13.88	57.33 3.53 -1.86	65.84 3.27 -20.10	65.31 3.11 -24.72	68.31 2.69 -31.62	68.60 2.57 -32.17	62.02 2.67 -24.65	56.68 2.78 -18.26	55.41 2.88 -16.53	54.87 2.82 -16.77	55.55 2.68 -19.42	67.20 3.23 -26.83	95.31 5.27 -31.51	74.72 4.60 -15.35	69.32 3.86 -17.73	61.77 3.64 -14.26	56.09 3.01 -13.50	53.19 2.62 -15.13	47.91 2.22 -13.12
KINTIGH____ 23543	32.48 -2.03 -2.24	30.78 -1.74 -2.00	29.58 -1.69 -1.57	29.28 -1.53 -1.88	29.57 -1.66 -1.61	33.57 -2.38 -2.02	47.01 -5.19 -0.27	41.89 -3.48 -2.90	37.61 -3.45 -3.57	35.57 -2.89 -4.45	35.34 -3.05 -4.53	34.98 -3.19 -3.47	34.96 -3.06 -2.39	34.99 -3.17 -2.16	34.41 -3.07 -2.19	33.16 -2.84 -2.54	36.90 -3.79 -3.54	56.43 -6.26 -4.16	51.21 -5.59 -2.03	45.01 -5.06 -2.34	41.28 -4.48 -1.88	37.73 -3.64 -1.78	34.39 -3.05 -2.00	31.93 -2.38 -1.73
LEDERLE____ 23769	49.64 2.42 -14.94	46.14 2.29 -13.33	42.41 2.23 -10.49	43.66 2.20 -12.52	42.65 2.28 -10.76	49.87 2.48 -13.46	57.94 4.20 -1.81	65.72 3.69 -19.57	64.85 3.30 -24.06	67.74 2.96 -30.78	68.11 2.94 -31.31	61.78 3.09 -24.00	56.62 3.21 -17.78	55.33 3.24 -16.09	54.78 3.18 -16.32	55.37 3.01 -18.90	66.91 3.68 -26.09	95.15 5.97 -30.65	75.00 5.31 -14.93	69.41 4.44 -17.24	61.82 4.08 -13.86	56.20 3.48 -13.12	53.24 3.08 -14.71	47.97 2.64 -12.76



LINDEN COGEN____ 23786	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.41 3.05 -24.65	57.07 3.17 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.84 5.80 -31.51	75.21 5.09 -15.35	69.75 4.30 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.33 2.64 -13.12
LIPA_MISC_IPP 23656	51.18 3.49 -15.42	47.14 2.87 -13.75	43.66 3.15 -10.82	44.61 2.75 -12.92	43.49 2.78 -11.10	50.74 2.92 -13.89	60.44 6.65 -1.86	67.79 5.22 -20.10	66.55 4.35 -24.72	69.20 3.57 -31.62	69.35 3.32 -32.17	63.55 4.20 -24.65	58.24 4.35 -18.27	56.63 4.10 -16.54	56.07 4.02 -16.77	56.79 3.91 -19.42	68.91 4.94 -26.83	101.26 8.19 -34.53	78.94 7.61 -16.57	71.90 6.40 -17.78	65.58 6.10 -15.61	61.37 5.07 -16.71	55.85 4.43 -15.98	49.66 3.94 -13.15
LISF____SOLAR 323691	51.27 3.58 -15.42	47.23 2.96 -13.75	43.75 3.24 -10.82	44.70 2.84 -12.92	43.58 2.87 -11.10	50.84 3.02 -13.89	60.65 6.85 -1.86	67.96 5.39 -20.10	66.70 4.50 -24.72	69.31 3.67 -31.62	69.45 3.42 -32.17	63.66 4.30 -24.65	58.35 4.45 -18.27	56.74 4.21 -16.54	56.14 4.09 -16.77	56.89 4.01 -19.42	69.02 5.05 -26.83	101.49 8.43 -34.53	79.16 7.83 -16.57	72.14 6.63 -17.78	65.76 6.27 -15.61	61.49 5.19 -16.71	55.96 4.54 -15.98	49.76 4.04 -13.15
LITTLE FALLS____HYD 24013	34.67 2.74 0.34	32.78 2.56 0.31	31.95 2.49 0.24	31.11 2.46 0.29	31.88 2.52 0.25	36.47 2.85 0.31	56.25 4.36 0.04	46.12 3.65 0.00	40.71 3.22 0.00	36.90 2.89 0.00	36.67 2.81 0.00	37.51 2.81 0.00	38.45 2.81 0.00	38.84 2.84 0.00	38.14 2.86 0.00	36.23 2.78 0.00	40.41 3.27 0.00	63.68 5.15 0.00	59.64 4.87 0.00	51.93 4.20 0.00	47.78 3.90 0.00	43.11 3.52 0.00	38.60 3.15 0.00	35.47 2.90 0.00
LI_NEWBRIDGE____DRP 323616	50.37 2.68 -15.42	46.56 2.29 -13.75	42.95 2.44 -10.82	44.03 2.17 -12.92	42.93 2.22 -11.10	50.13 2.31 -13.89	58.62 4.83 -1.86	66.35 3.78 -20.10	65.43 3.22 -24.72	68.35 2.72 -31.62	68.70 2.67 -32.17	62.61 3.26 -24.65	57.35 3.46 -18.27	55.91 3.38 -16.54	55.37 3.32 -16.77	56.09 3.21 -19.42	67.84 3.86 -26.83	99.56 6.50 -34.53	77.14 5.80 -16.57	70.42 4.92 -17.78	64.09 4.61 -15.61	60.30 4.00 -16.71	54.96 3.54 -15.98	48.85 3.13 -13.15
LONG_LAKE_PHOENIX 24014	33.31 -0.32 -1.36	31.40 -0.34 -1.22	30.33 -0.33 -0.96	29.79 -0.29 -1.14	30.29 -0.30 -0.98	34.82 -0.34 -1.23	51.48 -0.62 -0.16	43.82 -0.34 -1.69	39.20 -0.37 -2.09	36.59 -0.17 -2.76	36.46 -0.20 -2.80	36.61 -0.24 -2.15	36.98 -0.04 -1.38	37.17 -0.07 -1.25	36.48 -0.07 -1.27	34.89 -0.03 -1.47	39.10 -0.11 -2.07	60.85 -0.12 -2.44	56.01 0.05 -1.19	49.10 0.00 -1.37	44.93 -0.04 -1.10	40.56 -0.08 -1.04	36.47 -0.14 -1.17	33.42 -0.16 -1.01
LOVETT____3 23632	48.98 1.71 -14.99	45.51 1.62 -13.37	41.82 1.60 -10.52	43.04 1.53 -12.57	42.00 1.60 -10.80	49.13 1.70 -13.51	56.70 2.96 -1.81	64.72 2.63 -19.62	63.94 2.32 -24.13	66.95 2.07 -30.87	67.32 2.07 -31.40	60.95 2.19 -24.06	55.74 2.28 -17.83	54.47 2.34 -16.14	53.94 2.29 -16.37	54.56 2.14 -18.95	65.96 2.64 -26.18	93.62 4.33 -30.75	73.52 3.78 -14.98	68.23 3.20 -17.30	60.73 2.94 -13.91	55.30 2.54 -13.17	52.44 2.23 -14.76	47.23 1.86 -12.81
LOVETT____4 23642	49.41 2.13 -15.00	45.91 2.01 -13.38	42.18 1.96 -10.53	43.42 1.91 -12.57	42.39 1.98 -10.80	49.58 2.14 -13.51	57.38 3.63 -1.81	65.32 3.23 -19.63	64.51 2.89 -24.14	67.44 2.55 -30.88	67.84 2.57 -31.41	61.48 2.71 -24.07	56.25 2.78 -17.84	54.98 2.84 -16.15	54.44 2.79 -16.38	55.06 2.64 -18.96	66.53 3.19 -26.20	94.51 5.21 -30.77	74.35 4.60 -14.99	68.90 3.86 -17.31	61.35 3.55 -13.92	55.82 3.05 -13.18	52.91 2.69 -14.77	47.66 2.28 -12.81
LOVETT____5 23593	49.41 2.13 -15.00	45.91 2.01 -13.38	42.18 1.96 -10.53	43.42 1.91 -12.57	42.39 1.98 -10.80	49.58 2.14 -13.51	57.38 3.63 -1.81	65.32 3.23 -19.63	64.51 2.89 -24.14	67.44 2.55 -30.88	67.84 2.57 -31.41	61.48 2.71 -24.07	56.25 2.78 -17.84	54.98 2.84 -16.15	54.44 2.79 -16.38	55.06 2.64 -18.96	66.53 3.19 -26.20	94.51 5.21 -30.77	74.35 4.60 -14.99	68.90 3.86 -17.31	61.35 3.55 -13.92	55.82 3.05 -13.18	52.91 2.69 -14.77	47.66 2.28 -12.81
LOWER RAQUET____HYD 24057	31.47 -0.81 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.93 -1.01 0.00	28.60 -1.01 0.00	33.22 -0.71 0.00	51.72 -0.21 0.00	41.91 -0.55 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.55 -0.31 0.00	34.39 -0.31 0.00	35.31 -0.32 0.00	35.74 -0.25 0.00	35.00 -0.28 0.00	33.16 -0.30 0.00	36.81 -0.33 0.00	57.89 -0.64 0.00	53.84 -0.93 0.00	47.20 -0.52 0.00	43.52 -0.35 0.00	39.36 -0.24 0.00	35.27 -0.18 0.00	32.50 -0.07 0.00
LOWER____HUDSON 24059	54.76 1.90 -20.59	50.68 1.80 -18.36	45.90 1.75 -14.45	47.93 1.74 -17.26	46.15 1.72 -14.82	54.48 2.00 -18.54	57.31 2.91 -2.47	70.89 2.42 -26.01	71.90 2.21 -32.20	77.20 1.97 -41.22	77.72 1.93 -41.93	68.71 1.87 -32.13	61.34 1.89 -23.82	59.43 1.87 -21.57	58.99 1.83 -21.87	60.56 1.77 -25.32	73.92 1.78 -35.00	102.63 2.98 -41.11	77.91 3.12 -20.02	73.53 2.67 -23.13	64.93 2.46 -18.60	59.53 2.34 -17.60	57.23 2.05 -19.73	51.61 1.92 -17.12
LWR____OSWEGATCHIE_HYD 23850	32.18 -0.10 0.00	30.31 -0.21 0.00	29.46 -0.24 0.00	28.65 -0.29 0.00	29.34 -0.27 0.00	33.97 0.03 0.00	52.50 0.57 0.00	42.89 0.42 0.00	37.78 0.30 0.00	34.11 0.10 0.00	34.27 0.41 0.00	35.05 0.35 0.00	36.02 0.39 0.00	36.39 0.40 0.00	35.63 0.35 0.00	33.79 0.33 0.00	37.55 0.41 0.00	59.24 0.70 0.00	55.31 0.55 0.00	48.35 0.62 0.00	44.49 0.61 0.00	40.15 0.55 0.00	35.98 0.53 0.00	33.02 0.46 0.00
LYONS_FALL_HYD 23570	32.73 0.45 0.00	30.85 0.34 0.00	30.02 0.33 0.00	29.26 0.32 0.00	29.97 0.36 0.00	34.47 0.54 0.00	53.02 1.09 0.00	44.05 1.10 -0.49	39.10 1.01 -0.60	35.59 0.85 -0.73	35.52 0.91 -0.75	36.14 0.87 -0.57	36.91 0.92 -0.36	37.22 0.90 -0.32	36.45 0.85 -0.33	34.64 0.80 -0.38	38.60 0.93 -0.53	60.79 1.64 -0.62	56.71 1.64 -0.30	49.56 1.48 -0.35	45.43 1.27 -0.28	40.81 0.95 -0.27	36.59 0.85 -0.30	33.51 0.69 -0.26
MADISON____COUNTY_LFGE 323628	33.44 0.61 -0.56	31.53 0.52 -0.50	30.62 0.54 -0.39	29.93 0.52 -0.47	30.57 0.56 -0.40	35.11 0.68 -0.50	53.14 1.14 -0.07	45.14 1.44 -1.23	40.28 1.28 -1.52	36.94 1.09 -1.84	36.82 1.08 -1.88	37.21 1.08 -1.44	37.76 1.17 -0.95	38.01 1.15 -0.86	37.25 1.09 -0.88	35.54 1.07 -1.01	39.74 1.19 -1.41	62.23 2.05 -1.65	57.65 2.08 -0.80	50.42 1.77 -0.93	46.16 1.53 -0.75	41.49 1.19 -0.71	37.23 0.99 -0.79	34.07 0.81 -0.69
MAPLE RIDGE_WT_1 323574	31.10 -0.32 0.85	29.46 -0.31 0.76	28.80 -0.30 0.60	27.88 -0.35 0.71	28.64 -0.35 0.61	32.83 -0.34 0.76	51.41 -0.42 0.10	41.37 -0.42 0.68	36.29 -0.37 0.82	32.57 -0.37 1.07	32.47 -0.31 1.09	33.63 -0.24 0.83	34.76 -0.25 0.63	35.25 -0.18 0.57	34.50 -0.21 0.57	32.59 -0.20 0.66	36.00 -0.22 0.92	57.16 -0.29 1.08	53.92 -0.33 0.53	46.88 -0.24 0.61	43.13 -0.26 0.49	38.89 -0.24 0.46	34.64 -0.28 0.52	31.79 -0.33 0.45
MAPLE RIDGE_WT_2 323611	31.10 -0.32 0.85	29.46 -0.31 0.76	28.80 -0.30 0.60	27.88 -0.35 0.71	28.64 -0.35 0.61	32.83 -0.34 0.76	51.41 -0.42 0.10	41.37 -0.42 0.68	36.29 -0.37 0.82	32.57 -0.37 1.07	32.47 -0.31 1.09	33.63 -0.24 0.83	34.76 -0.25 0.63	35.25 -0.18 0.57	34.50 -0.21 0.57	32.59 -0.20 0.66	36.00 -0.22 0.92	57.16 -0.29 1.08	53.92 -0.33 0.53	46.88 -0.24 0.61	43.13 -0.26 0.49	38.89 -0.24 0.46	34.64 -0.28 0.52	31.79 -0.33 0.45



MARBLE_RIVER_WT_PWR 323696	31.40 -0.87 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.90 -1.04 0.00	28.57 -1.04 0.00	33.29 -0.65 0.00	51.72 -0.21 0.00	41.74 -0.72 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.15 -0.71 0.00	34.04 -0.66 0.00	34.95 -0.68 0.00	35.38 -0.61 0.00	34.65 -0.63 0.00	32.79 -0.67 0.00	36.59 -0.56 0.00	57.77 -0.76 0.00	53.73 -1.04 0.00	47.06 -0.67 0.00	43.22 -0.66 0.00	39.00 -0.59 0.00	34.91 -0.53 0.00	32.11 -0.46 0.00
MG INDUSTRY___DRP 24185	53.41 1.23 -19.91	49.43 1.16 -17.76	44.79 1.13 -13.97	46.72 1.10 -16.68	45.04 1.10 -14.33	53.08 1.22 -17.93	55.95 1.61 -2.41	69.21 1.27 -25.47	70.24 1.20 -31.55	75.49 1.09 -40.39	76.03 1.08 -41.09	67.30 1.11 -31.49	60.08 1.11 -23.34	58.24 1.12 -21.13	57.81 1.09 -21.43	59.31 1.04 -24.82	72.40 0.96 -34.29	100.33 1.52 -40.28	75.81 1.42 -19.62	71.63 1.24 -22.66	63.24 1.14 -18.22	58.07 1.23 -17.25	55.91 1.13 -19.34	50.42 1.07 -16.78
MID___OSWEGATCHIE_HYD 23849	32.18 -0.10 0.00	30.31 -0.21 0.00	29.46 -0.24 0.00	28.65 -0.29 0.00	29.34 -0.27 0.00	33.97 0.03 0.00	52.50 0.57 0.00	42.89 0.42 0.00	37.78 0.30 0.00	34.11 0.10 0.00	34.27 0.41 0.00	35.05 0.35 0.00	36.02 0.39 0.00	36.39 0.40 0.00	35.63 0.35 0.00	33.79 0.33 0.00	37.55 0.41 0.00	59.24 0.70 0.00	55.31 0.55 0.00	48.35 0.62 0.00	44.49 0.61 0.00	40.15 0.55 0.00	35.98 0.53 0.00	33.02 0.46 0.00
MID___RAQUETTE_HYD 23851	31.47 -0.81 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.93 -1.01 0.00	28.60 -1.01 0.00	33.22 -0.71 0.00	51.72 -0.21 0.00	41.91 -0.55 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.55 -0.31 0.00	34.39 -0.31 0.00	35.31 -0.32 0.00	35.74 -0.25 0.00	35.00 -0.28 0.00	33.16 -0.30 0.00	36.81 -0.33 0.00	57.89 -0.64 0.00	53.84 -0.93 0.00	47.20 -0.52 0.00	43.52 -0.35 0.00	39.36 -0.24 0.00	35.27 -0.18 0.00	32.50 -0.07 0.00
MILLIKEN___1 23584	35.67 0.48 -2.91	33.51 0.40 -2.59	32.12 0.39 -2.04	31.81 0.43 -2.44	32.12 0.41 -2.09	37.06 0.51 -2.62	53.06 0.78 -0.35	47.10 0.77 -3.87	42.21 -0.04 -4.76	40.19 -0.55 -6.73	40.13 -0.58 -6.85	39.32 -0.62 -5.25	38.83 -0.53 -3.73	38.80 -0.58 -3.38	38.14 -0.57 -3.43	36.89 -0.54 -3.97	41.58 -0.26 -4.70	63.82 -0.23 -5.52	57.46 0.00 -2.69	50.74 -0.10 -3.11	46.20 -0.17 -2.50	41.68 -0.28 -2.36	37.70 -0.39 -2.65	34.44 -0.42 -2.30
MILLIKEN___2 23585	35.67 0.48 -2.91	33.51 0.40 -2.59	32.12 0.39 -2.04	31.81 0.43 -2.44	32.12 0.41 -2.09	37.06 0.51 -2.62	53.06 0.78 -0.35	47.10 0.77 -3.87	42.21 -0.04 -4.76	40.19 -0.55 -6.73	40.13 -0.58 -6.85	39.32 -0.62 -5.25	38.83 -0.53 -3.73	38.80 -0.58 -3.38	38.14 -0.57 -3.43	36.89 -0.54 -3.97	41.58 -0.26 -4.70	63.82 -0.23 -5.52	57.46 0.00 -2.69	50.74 -0.10 -3.11	46.20 -0.17 -2.50	41.68 -0.28 -2.36	37.70 -0.39 -2.65	34.44 -0.42 -2.30
MILLIKEN___DIESEL 23629	35.67 0.48 -2.91	33.51 0.40 -2.59	32.12 0.39 -2.04	31.81 0.43 -2.44	32.12 0.41 -2.09	37.06 0.51 -2.62	53.06 0.78 -0.35	47.10 0.77 -3.87	42.21 -0.04 -4.76	40.19 -0.55 -6.73	40.13 -0.58 -6.85	39.32 -0.62 -5.25	38.83 -0.53 -3.73	38.80 -0.58 -3.38	38.14 -0.57 -3.43	36.89 -0.54 -3.97	41.58 -0.26 -4.70	63.82 -0.23 -5.52	57.46 0.00 -2.69	50.74 -0.10 -3.11	46.20 -0.17 -2.50	41.68 -0.28 -2.36	37.70 -0.39 -2.65	34.44 -0.42 -2.30
MILLSEAT___LFGE 323607	33.68 -1.00 -2.41	31.69 -0.98 -2.15	30.43 -0.95 -1.69	30.18 -0.78 -2.02	30.42 -0.92 -1.73	34.81 -1.29 -2.17	48.17 -4.05 -0.29	43.35 -2.25 -3.13	38.87 -2.48 -3.86	36.77 -2.04 -4.80	36.58 -2.17 -4.89	36.05 -2.39 -3.74	36.02 -2.21 -2.60	36.01 -2.34 -2.35	35.48 -2.19 -2.38	34.18 -2.04 -2.76	38.05 -2.93 -3.85	58.13 -4.92 -4.52	52.70 -4.27 -2.20	46.31 -3.96 -2.54	42.50 -3.42 -2.04	38.91 -2.61 -1.94	35.56 -2.06 -2.17	33.02 -1.43 -1.88
MODEL_CITY_ENERGY 24167	33.24 -1.55 -2.52	31.27 -1.49 -2.25	30.04 -1.42 -1.77	29.81 -1.24 -2.11	30.00 -1.42 -1.81	34.27 -1.93 -2.27	46.58 -5.66 -0.31	42.14 -3.61 -3.28	37.70 -3.82 -4.04	35.85 -3.20 -5.04	35.59 -3.39 -5.12	35.05 -3.57 -3.93	34.94 -3.42 -2.73	34.94 -3.53 -2.47	34.44 -3.35 -2.51	33.25 -3.11 -2.91	36.95 -4.24 -4.04	56.07 -7.20 -4.75	50.62 -6.46 -2.31	44.57 -5.82 -2.67	40.89 -5.13 -2.15	37.66 -3.96 -2.03	34.64 -3.08 -2.28	32.33 -2.22 -1.98
MODERN_LFGE___ 323580	33.24 -1.55 -2.52	31.27 -1.49 -2.25	30.04 -1.42 -1.77	29.81 -1.24 -2.11	30.00 -1.42 -1.81	34.27 -1.93 -2.27	46.58 -5.66 -0.31	42.14 -3.61 -3.28	37.70 -3.82 -4.04	35.85 -3.20 -5.04	35.59 -3.39 -5.12	35.05 -3.57 -3.93	34.94 -3.42 -2.73	34.94 -3.53 -2.47	34.44 -3.35 -2.51	33.25 -3.11 -2.91	36.95 -4.24 -4.04	56.07 -7.20 -4.75	50.62 -6.46 -2.31	44.57 -5.82 -2.67	40.89 -5.13 -2.15	37.66 -3.96 -2.03	34.64 -3.08 -2.28	32.33 -2.22 -1.98
MOHAWK_PAPER___DRP 24187	54.55 1.74 -20.54	50.49 1.65 -18.32	45.71 1.60 -14.42	47.75 1.59 -17.21	45.96 1.57 -14.79	54.26 1.83 -18.50	56.69 2.28 -2.48	70.46 1.91 -26.08	71.55 1.76 -32.30	76.99 1.63 -41.34	77.51 1.59 -42.06	68.53 1.60 -32.23	61.13 1.60 -23.89	59.25 1.62 -21.63	58.81 1.59 -21.94	60.37 1.51 -25.40	73.74 1.49 -35.11	102.23 2.46 -41.24	77.32 2.47 -20.08	73.02 2.10 -23.20	64.46 1.93 -18.65	59.03 1.78 -17.66	56.83 1.60 -19.80	51.31 1.56 -17.17
MONGAUP___HYD 23641	48.93 2.49 -14.17	45.57 2.41 -12.64	41.83 2.20 -9.94	43.10 2.29 -11.87	42.18 2.37 -10.20	49.41 2.72 -12.76	58.16 4.52 -1.71	64.78 3.90 -18.41	63.66 3.49 -22.69	66.15 3.13 -29.01	66.45 3.08 -29.51	60.44 3.12 -22.62	55.59 3.21 -16.75	54.40 3.24 -15.17	53.84 3.18 -15.38	54.32 3.04 -17.81	65.66 3.90 -24.62	93.89 6.44 -28.92	74.38 5.53 -14.09	68.58 4.58 -16.27	61.13 4.17 -13.08	55.46 3.48 -12.38	52.41 3.08 -13.88	47.28 2.67 -12.04
MONTAUK___DIESEL 23721	54.79 7.10 -15.42	50.13 5.86 -13.75	46.66 6.15 -10.82	47.39 5.53 -12.92	46.31 5.60 -11.10	53.96 6.14 -13.89	67.19 13.40 -1.86	73.44 10.87 -20.10	71.28 9.07 -24.72	73.39 7.76 -31.62	73.55 7.52 -32.17	67.79 8.43 -24.65	62.56 8.66 -18.27	60.66 8.13 -16.54	59.99 7.94 -16.77	60.61 7.73 -19.42	74.15 10.18 -26.83	110.74 17.68 -34.53	87.38 16.05 -16.57	79.30 13.79 -17.78	71.82 12.33 -15.61	66.96 10.65 -16.71	60.25 8.83 -15.98	53.73 8.01 -13.15
MUNSVILLE_WIND_PWR 323609	39.18 2.20 -4.71	36.67 1.95 -4.20	34.90 1.90 -3.30	34.79 1.91 -3.94	34.98 1.98 -3.39	40.58 2.41 -4.24	56.66 4.16 -0.57	52.43 3.90 -6.06	48.25 3.30 -7.47	46.29 2.75 -9.53	46.22 2.67 -9.69	44.80 2.67 -7.43	43.80 2.78 -5.38	43.60 2.73 -4.88	42.87 2.65 -4.94	41.72 2.54 -5.72	47.82 2.97 -7.71	72.68 5.09 -9.06	64.27 5.09 -4.41	57.17 4.34 -5.09	51.79 3.82 -4.10	46.40 2.93 -3.88	42.31 2.52 -4.35	38.46 2.12 -3.77
N SALMON___HYD 24042	31.34 -0.94 0.00	29.51 -1.01 0.00	28.65 -1.04 0.00	27.75 -1.19 0.00	28.45 -1.16 0.00	33.29 0.00 0.00	52.04 0.10 0.00	42.12 -0.34 0.00	37.15 -0.34 0.00	33.43 -0.58 0.00	33.49 -0.37 0.00	34.35 -0.35 0.00	35.28 -0.36 0.00	35.67 -0.32 0.00	34.93 -0.35 0.00	33.06 -0.40 0.00	36.92 -0.22 0.00	58.41 -0.12 0.00	54.22 -0.55 0.00	47.59 -0.14 0.00	43.66 -0.22 0.00	39.36 -0.24 0.00	35.20 -0.25 0.00	32.37 -0.19 0.00
N.E._GEN_SANDY PD 24062	54.26 1.74 -20.25	51.69 1.68 -19.49	51.82 1.63 -20.49	52.15 1.62 -21.59	53.12 1.63 -21.88	56.78 1.90 -20.95	68.98 2.75 -14.30	75.42 2.38 -30.58	75.92 2.17 -36.26	77.75 1.94 -41.80	77.75 1.93 -41.96	70.80 1.91 -34.20	65.00 1.92 -27.45	64.87 1.94 -26.93	62.18 1.90 -25.00	63.91 1.81 -28.65	87.93 1.86 -48.93	111.65 2.98 -50.14	99.53 2.96 -41.81	84.01 2.53 -33.76	77.61 2.37 -31.37	69.46 2.18 -27.69	62.94 1.98 -25.52	51.31 1.79 -16.95



NARROWS_GT1_1 24228	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT1_2 24229	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT1_3 24230	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT1_4 24231	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT1_5 24232	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT1_6 24233	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT1_7 24234	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT1_8 24235	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT2_1 24236	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT2_2 24237	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT2_3 24238	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT2_4 24239	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT2_5 24240	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT2_6 24241	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT2_7 24242	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NARROWS_GT2_8 24243	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12



NEG CAPITAL___MECHNVIL 23645	55.37 2.03 -21.06	51.20 1.89 -18.79	46.32 1.84 -14.79	48.42 1.82 -17.66	46.58 1.81 -15.17	55.08 2.17 -18.97	58.12 3.69 -2.50	71.72 3.02 -26.24	72.74 2.77 -32.48	78.07 2.48 -41.58	78.57 2.40 -42.30	69.37 2.25 -32.42	61.91 2.25 -24.03	59.98 2.23 -21.76	59.50 2.15 -22.07	61.12 2.11 -25.55	74.68 2.23 -35.31	103.87 3.86 -41.48	79.08 4.11 -20.20	74.54 3.48 -23.33	65.93 3.29 -18.76	60.36 3.01 -17.76	57.91 2.55 -19.91	52.19 2.35 -17.27
NEG CENTRAL_HIGH_ACRES 23767	32.70 -1.55 -1.98	30.82 -1.46 -1.76	29.66 -1.42 -1.39	29.30 -1.30 -1.66	29.64 -1.39 -1.42	33.98 -1.73 -1.78	48.84 -3.32 -0.24	42.90 -2.12 -2.55	38.61 -2.02 -3.14	36.13 -1.73 -3.85	35.98 -1.80 -3.92	35.80 -1.91 -3.00	35.85 -1.82 -2.04	35.97 -1.87 -1.85	35.35 -1.80 -1.87	33.95 -1.67 -2.17	38.03 -2.19 -3.08	58.70 -3.45 -3.62	53.52 -3.01 -1.76	47.00 -2.77 -2.04	43.02 -2.50 -1.64	39.00 -2.14 -1.55	35.23 -1.95 -1.74	32.45 -1.63 -1.51
NEG CENTRAL___DRP 24199	34.27 -0.13 -2.13	32.23 -0.18 -1.90	31.01 -0.18 -1.49	30.63 -0.09 -1.78	31.02 -0.12 -1.53	35.68 -0.17 -1.91	51.72 -0.47 -0.26	45.60 0.38 -2.76	41.11 0.23 -3.40	38.37 0.27 -4.09	38.22 0.20 -4.16	37.99 0.10 -3.19	38.03 0.22 -2.18	38.15 0.18 -1.97	37.46 0.18 -2.00	35.98 0.20 -2.32	40.31 -0.18 -3.35	62.30 -0.18 -3.94	56.74 0.05 -1.92	49.85 -0.10 -2.22	45.53 -0.13 -1.78	41.16 -0.12 -1.69	37.09 -0.25 -1.89	34.02 -0.19 -1.64
NEG CENTRAL___INDECK 23768	35.22 0.13 -2.82	33.10 0.06 -2.52	31.73 0.06 -1.98	31.48 0.17 -2.36	31.76 0.12 -2.03	36.54 0.07 -2.54	51.70 -0.57 -0.34	46.58 0.47 -3.65	42.28 0.30 -4.49	39.96 0.34 -5.61	39.80 0.24 -5.71	39.14 0.07 -4.37	38.92 0.22 -3.07	38.88 0.11 -2.78	38.24 0.14 -2.82	36.89 0.17 -3.27	41.59 -0.07 -4.52	63.84 0.00 -5.31	57.79 0.44 -2.59	50.81 0.10 -2.99	46.37 0.09 -2.40	42.06 0.20 -2.27	38.03 0.04 -2.55	34.98 0.20 -2.21
NEG CENTRAL___SENECA 23627	34.54 -0.10 -2.36	32.50 -0.12 -2.10	31.23 -0.12 -1.66	30.89 -0.03 -1.98	31.25 -0.06 -1.70	35.95 -0.10 -2.12	51.80 -0.42 -0.28	45.86 0.34 -3.06	41.44 0.19 -3.77	38.84 0.21 -4.63	38.67 0.10 -4.71	38.34 0.03 -3.61	38.24 0.11 -2.50	38.29 0.04 -2.26	37.64 0.07 -2.29	36.21 0.10 -2.65	40.70 -0.18 -3.74	62.75 -0.18 -4.40	57.07 0.16 -2.14	50.15 -0.05 -2.47	45.78 -0.09 -1.99	41.43 -0.04 -1.88	37.34 -0.21 -2.11	34.27 -0.13 -1.83
NEG CENTRAL___STATE_STREET 24147	35.09 0.71 -2.11	32.98 0.58 -1.88	31.77 0.59 -1.48	31.34 0.64 -1.77	31.75 0.62 -1.52	36.58 0.75 -1.90	53.28 1.09 -0.25	46.79 1.57 -2.75	42.00 1.12 -3.39	38.93 1.26 -3.66	38.74 1.15 -3.73	38.66 1.11 -2.86	38.81 1.25 -1.93	38.89 1.15 -1.75	38.25 1.20 -1.77	36.65 1.14 -2.05	41.18 0.70 -3.33	63.73 1.29 -3.91	58.20 1.53 -1.90	51.03 1.10 -2.20	46.52 0.88 -1.77	41.98 0.71 -1.67	37.78 0.46 -1.88	34.56 0.36 -1.63
NEG MILLWOOD___DRP 24198	50.59 2.52 -15.80	46.96 2.35 -14.10	43.04 2.26 -11.09	44.41 2.23 -13.24	43.36 2.37 -11.38	50.74 2.58 -14.23	58.41 4.57 -1.91	67.06 3.99 -20.60	66.40 3.56 -25.35	69.63 3.20 -32.43	69.99 3.15 -32.99	63.24 3.26 -25.28	57.71 3.35 -18.73	56.33 3.38 -16.96	55.83 3.35 -17.20	56.55 3.18 -19.91	68.59 3.94 -27.52	97.41 6.55 -32.32	76.31 5.80 -15.74	70.78 4.87 -18.18	62.93 4.43 -14.62	57.20 3.76 -13.84	54.22 3.26 -15.52	48.83 2.80 -13.46
NEG NORTH_FLCN_SEA 23793	31.56 -0.71 0.00	29.76 -0.76 0.00	28.89 -0.80 0.00	28.01 -0.93 0.00	28.69 -0.92 0.00	33.53 -0.41 0.00	52.24 0.31 0.00	41.91 -0.55 0.00	37.00 -0.49 0.00	33.29 -0.72 0.00	33.28 -0.58 0.00	34.14 -0.56 0.00	35.10 -0.53 0.00	35.49 -0.50 0.00	34.79 -0.49 0.00	32.89 -0.57 0.00	36.73 -0.41 0.00	58.12 -0.41 0.00	53.95 -0.82 0.00	47.34 -0.38 0.00	43.39 -0.48 0.00	39.16 -0.43 0.00	35.02 -0.42 0.00	32.21 -0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	31.31 -0.97 0.00	29.51 -1.01 0.00	28.68 -1.01 0.00	27.81 -1.13 0.00	28.48 -1.13 0.00	33.22 -0.71 0.00	51.67 -0.26 0.00	41.74 -0.72 0.00	36.85 -0.64 0.00	33.19 -0.82 0.00	33.18 -0.68 0.00	34.04 -0.66 0.00	34.95 -0.61 0.00	35.38 -0.61 0.00	34.65 -0.63 0.00	32.79 -0.67 0.00	36.59 -0.56 0.00	57.83 -0.70 0.00	53.78 -0.98 0.00	47.16 -0.57 0.00	43.26 -0.61 0.00	39.00 -0.59 0.00	34.91 -0.53 0.00	32.11 -0.46 0.00
NEG NORTH___ALICE_FALLS 23915	31.37 -0.90 0.00	29.57 -0.95 0.00	28.68 -1.01 0.00	27.81 -1.13 0.00	28.48 -1.13 0.00	33.39 -0.54 0.00	52.19 0.26 0.00	41.96 -0.51 0.00	37.04 -0.45 0.00	33.29 -0.72 0.00	33.28 -0.58 0.00	34.14 -0.56 0.00	35.06 -0.57 0.00	35.45 -0.54 0.00	34.71 -0.57 0.00	32.86 -0.60 0.00	36.73 -0.41 0.00	58.18 -0.35 0.00	54.00 -0.77 0.00	47.40 -0.33 0.00	43.44 -0.44 0.00	39.16 -0.43 0.00	35.02 -0.42 0.00	32.18 -0.39 0.00
NEG NORTH___LWR_SARANAC 23913	31.37 -0.90 0.00	29.57 -0.95 0.00	28.68 -1.01 0.00	27.81 -1.13 0.00	28.48 -1.13 0.00	33.39 -0.54 0.00	52.19 0.26 0.00	41.96 -0.51 0.00	37.04 -0.45 0.00	33.29 -0.72 0.00	33.28 -0.58 0.00	34.14 -0.56 0.00	35.06 -0.57 0.00	35.45 -0.54 0.00	34.71 -0.57 0.00	32.86 -0.60 0.00	36.73 -0.41 0.00	58.18 -0.35 0.00	54.00 -0.77 0.00	47.40 -0.33 0.00	43.44 -0.44 0.00	39.16 -0.43 0.00	35.02 -0.42 0.00	32.18 -0.39 0.00
NEG NORTH___PLATTSBURG 23628	31.37 -0.90 0.00	29.57 -0.95 0.00	28.68 -1.01 0.00	27.81 -1.13 0.00	28.48 -1.13 0.00	33.39 -0.54 0.00	52.19 0.26 0.00	41.96 -0.51 0.00	37.04 -0.45 0.00	33.29 -0.72 0.00	33.28 -0.58 0.00	34.14 -0.56 0.00	35.06 -0.57 0.00	35.45 -0.54 0.00	34.71 -0.57 0.00	32.86 -0.60 0.00	36.73 -0.41 0.00	58.18 -0.35 0.00	54.00 -0.77 0.00	47.40 -0.33 0.00	43.44 -0.44 0.00	39.16 -0.43 0.00	35.02 -0.42 0.00	32.18 -0.39 0.00
NEG WEST_LEA_LOCKPORT 23791	33.39 -1.39 -2.50	31.41 -1.34 -2.23	30.14 -1.31 -1.76	29.91 -1.13 -2.10	30.14 -1.27 -1.80	34.42 -1.77 -2.25	47.15 -5.09 -0.31	42.58 -3.14 -3.26	38.17 -3.34 -4.02	36.23 -2.79 -5.00	35.97 -2.98 -5.09	35.44 -3.16 -3.90	35.35 -2.99 -2.72	35.32 -3.13 -2.46	34.81 -2.96 -2.49	33.57 -2.78 -2.89	37.37 -3.79 -4.01	56.81 -6.44 -4.72	51.31 -5.75 -2.30	45.13 -5.25 -2.65	41.45 -4.56 -2.13	38.09 -3.52 -2.02	34.94 -2.76 -2.26	32.58 -1.95 -1.96
NEG WEST___LANCASTR 23811	33.69 -1.45 -2.87	31.67 -1.40 -2.56	30.34 -1.37 -2.01	30.18 -1.16 -2.40	30.37 -1.30 -2.06	34.75 -1.77 -2.58	48.12 -4.16 -0.35	43.77 -2.42 -3.72	39.67 -2.40 -4.59	37.66 -2.08 -5.72	37.41 -2.27 -5.82	36.73 -2.43 -4.46	36.42 -2.35 -3.14	36.39 -2.45 -2.84	35.80 -2.36 -2.88	34.59 -2.21 -3.34	38.79 -2.97 -4.62	59.16 -4.80 -5.43	53.30 -4.11 -2.64	46.82 -3.96 -3.05	42.95 -3.38 -2.46	39.18 -2.73 -2.32	35.71 -2.34 -2.61	33.07 -1.76 -2.26
NEG_PENN_ALLEGHNY 23528	37.86 0.42 -5.17	35.50 0.37 -4.61	33.68 0.36 -3.63	33.68 0.40 -4.33	33.75 0.41 -3.72	39.00 0.41 -4.66	53.08 0.52 -0.63	49.93 0.80 -6.66	46.37 0.68 -8.21	44.83 0.54 -10.28	44.76 0.44 -10.46	43.17 0.45 -8.02	41.95 0.50 -5.82	41.73 0.47 -5.27	41.08 0.46 -5.34	40.11 0.47 -6.19	46.10 0.45 -8.51	69.28 0.76 -9.99	60.56 0.93 -4.87	54.02 0.67 -5.62	49.06 0.66 -4.52	44.46 0.59 -4.28	40.67 0.43 -4.80	37.15 0.42 -4.16
NEG___GEN_MONROE 24207	33.86 -0.55 -2.13	31.90 -0.52 -1.90	30.68 -0.50 -1.50	30.35 -0.38 -1.79	30.70 -0.44 -1.53	35.21 -0.65 -1.92	50.01 -2.18 -0.26	44.28 -0.93 -2.75	39.79 -1.09 -3.39	37.36 -0.85 -4.20	37.18 -0.95 -4.27	36.86 -1.11 -3.27	36.91 -0.96 -2.24	36.98 -1.04 -2.03	36.39 -0.95 -2.06	34.97 -0.87 -2.38	39.11 -1.37 -3.35	60.18 -2.28 -3.93	54.87 -1.81 -1.91	48.17 -1.76 -2.21	44.12 -1.54 -1.78	40.12 -1.15 -1.68	36.30 -1.03 -1.89	33.52 -0.69 -1.64



NEPA__ENERGY 23901	33.61 -1.71 -3.05	31.68 -1.56 -2.72	30.32 -1.51 -2.14	30.22 -1.27 -2.56	30.38 -1.42 -2.20	34.71 -1.97 -2.75	48.41 -3.90 -0.37	44.18 -2.29 -4.01	40.29 -2.14 -4.94	38.17 -2.01 -6.16	37.89 -2.24 -6.27	37.18 -2.32 -4.81	36.75 -2.28 -3.40	36.69 -2.38 -3.08	36.07 -2.33 -3.12	34.90 -2.17 -3.61	39.28 -2.86 -4.99	59.95 -4.45 -5.87	53.85 -3.78 -2.86	47.26 -3.77 -3.30	43.33 -3.20 -2.65	39.45 -2.65 -2.51	35.81 -2.45 -2.82	33.16 -1.86 -2.44
NEVERSINK__HYD 23608	46.67 1.03 -13.36	43.41 0.98 -11.92	39.96 0.89 -9.38	41.07 0.93 -11.20	40.21 0.98 -9.62	47.09 1.12 -12.04	55.68 2.13 -1.61	60.85 1.70 -16.68	59.41 1.46 -20.47	61.47 1.29 -26.17	61.76 1.29 -26.62	56.39 1.28 -20.40	52.06 1.32 -15.11	50.97 1.29 -13.68	50.39 1.23 -13.87	50.69 1.17 -16.06	60.97 1.63 -22.19	87.35 2.75 -26.07	69.87 2.41 -12.70	64.30 1.91 -14.66	57.38 1.71 -11.79	52.10 1.35 -11.16	49.12 1.17 -12.51	44.34 0.91 -10.86
NEWTON__FALLS_HYD 23847	32.18 -0.10 0.00	30.31 -0.21 0.00	29.46 -0.24 0.00	28.65 -0.29 0.00	29.34 -0.27 0.00	33.97 0.03 0.00	52.50 0.57 0.00	42.89 0.42 0.00	37.78 0.30 0.00	34.11 0.10 0.00	34.27 0.41 0.00	35.05 0.35 0.00	36.02 0.39 0.00	36.39 0.40 0.00	35.63 0.35 0.00	33.79 0.33 0.00	37.55 0.41 0.00	59.24 0.70 0.00	55.31 0.55 0.00	48.35 0.62 0.00	44.49 0.61 0.00	40.15 0.55 0.00	35.98 0.53 0.00	33.02 0.46 0.00
NIAGARA____ 23760	33.02 -1.78 -2.52	31.08 -1.68 -2.24	29.83 -1.63 -1.77	29.60 -1.45 -2.11	29.82 -1.60 -1.81	34.03 -2.17 -2.27	46.73 -5.51 -0.31	42.12 -3.61 -3.26	37.83 -3.67 -4.02	35.89 -3.13 -5.01	35.64 -3.32 -5.10	35.10 -3.50 -3.91	35.00 -3.35 -2.72	35.00 -3.46 -2.46	34.46 -3.32 -2.50	33.24 -3.11 -2.89	37.00 -4.16 -4.02	56.28 -6.97 -4.72	50.82 -6.24 -2.30	44.70 -5.68 -2.65	41.05 -4.96 -2.13	37.69 -3.92 -2.02	34.55 -3.15 -2.27	32.22 -2.31 -1.97
NINE_MILE_1 23575	32.66 -0.84 -1.22	30.81 -0.79 -1.09	29.78 -0.77 -0.86	29.24 -0.72 -1.02	29.75 -0.74 -0.88	34.12 -0.91 -1.10	50.52 -1.56 -0.15	42.77 -1.14 -1.44	38.22 -1.05 -1.78	35.59 -0.88 -2.47	35.45 -0.91 -2.51	35.69 -0.94 -1.92	36.01 -0.75 -1.12	36.22 -0.79 -1.02	35.54 -0.78 -1.03	33.95 -0.70 -1.19	37.95 -0.85 -1.66	59.19 -1.29 -1.95	54.56 -1.15 -0.95	47.77 -1.05 -1.10	43.79 -0.97 -0.88	39.55 -0.87 -0.83	35.60 -0.78 -0.93	32.69 -0.69 -0.81
NINE_MILE_2 23744	32.65 -0.84 -1.22	30.81 -0.79 -1.09	29.81 -0.74 -0.86	29.24 -0.72 -1.02	29.75 -0.74 -0.88	34.11 -0.91 -1.10	50.52 -1.56 -0.15	42.76 -1.14 -1.43	38.20 -1.05 -1.77	35.59 -0.88 -2.46	35.48 -0.88 -2.50	35.68 -0.94 -1.92	36.00 -0.75 -1.12	36.21 -0.79 -1.01	35.56 -0.74 -1.02	33.94 -0.70 -1.19	37.97 -0.82 -1.65	59.18 -1.29 -1.93	54.56 -1.15 -0.94	47.77 -1.05 -1.09	43.79 -0.97 -0.87	39.55 -0.87 -0.83	35.59 -0.78 -0.93	32.69 -0.69 -0.81
NM_CAPITAL__DRP 24208	54.28 1.65 -20.36	50.23 1.56 -18.16	45.50 1.51 -14.29	47.51 1.50 -17.06	45.77 1.51 -14.66	54.00 1.73 -18.34	56.21 1.82 -2.46	69.85 1.49 -25.90	70.95 1.39 -32.08	76.36 1.29 -41.06	76.88 1.25 -41.77	68.00 1.28 -32.01	60.64 1.28 -23.73	58.74 1.26 -21.48	58.30 1.23 -21.79	59.89 1.20 -25.23	73.16 1.15 -34.87	101.30 1.82 -40.96	76.58 1.86 -19.95	72.34 1.57 -23.04	63.85 1.45 -18.53	58.51 1.38 -17.54	56.38 1.27 -19.66	50.96 1.34 -17.06
NM_CENTRAL__DRP 24181	33.45 -0.22 -1.40	31.52 -0.25 -1.25	30.47 -0.21 -0.98	29.94 -0.17 -1.18	30.44 -0.18 -1.01	34.96 -0.24 -1.26	51.63 -0.47 -0.17	44.47 0.04 -1.96	39.91 0.00 -2.42	36.94 0.00 -2.93	36.80 -0.03 -2.98	36.91 -0.07 -2.28	37.21 0.07 -1.51	37.40 0.04 -1.37	36.70 0.04 -1.39	35.13 0.07 -1.61	39.40 0.00 -2.26	61.24 0.06 -2.65	56.22 0.16 -1.29	49.32 0.10 -1.49	45.12 0.04 -1.20	40.73 0.00 -1.14	36.64 -0.07 -1.27	33.58 -0.10 -1.10
NM_FRONTIER__DRP 24179	33.18 -1.64 -2.55	31.21 -1.59 -2.27	29.94 -1.55 -1.79	29.72 -1.36 -2.14	29.94 -1.51 -1.84	34.16 -2.07 -2.30	46.32 -5.92 -0.31	41.91 -3.86 -3.31	37.48 -4.08 -4.08	35.66 -3.43 -5.09	35.41 -3.62 -5.17	34.85 -3.82 -3.97	34.76 -3.63 -2.76	34.75 -3.74 -2.50	34.26 -3.56 -2.54	33.05 -3.35 -2.94	36.73 -4.50 -4.08	55.66 -7.67 -4.79	50.20 -6.90 -2.34	44.22 -6.20 -2.70	40.60 -5.44 -2.17	37.41 -4.24 -2.05	34.48 -3.26 -2.30	32.19 -2.38 -2.00
NM_ST_REGIS__HYD 24053	31.40 -0.87 0.00	29.60 -0.91 0.00	28.74 -0.95 0.00	27.87 -1.07 0.00	28.54 -1.06 0.00	33.25 -0.68 0.00	51.83 -0.10 0.00	42.00 -0.47 0.00	36.92 -0.56 0.00	33.26 -0.75 0.00	33.55 -0.31 0.00	34.39 -0.31 0.00	35.35 -0.29 0.00	35.74 -0.25 0.00	35.00 -0.28 0.00	33.16 -0.30 0.00	36.84 -0.30 0.00	58.06 -0.47 0.00	53.95 -0.82 0.00	47.34 -0.38 0.00	43.61 -0.26 0.00	39.39 -0.20 0.00	35.27 -0.18 0.00	32.50 -0.07 0.00
NORTHPORT__1 23551	50.82 3.13 -15.42	46.96 2.69 -13.75	43.39 2.88 -10.82	44.41 2.55 -12.92	43.31 2.61 -11.10	50.56 2.75 -13.89	59.56 5.76 -1.86	67.11 4.55 -20.10	66.03 3.83 -24.72	68.80 3.16 -31.62	69.11 3.08 -32.17	63.14 3.78 -24.65	57.89 3.99 -18.27	56.38 3.85 -16.54	55.83 3.78 -16.77	56.56 3.68 -19.42	68.39 4.42 -26.83	100.32 7.26 -34.53	78.01 6.68 -16.57	71.18 5.68 -17.78	64.88 5.40 -15.61	60.94 4.63 -16.71	55.49 4.07 -15.98	49.30 3.58 -13.15
NORTHPORT__2 23552	50.82 3.13 -15.42	46.96 2.69 -13.75	43.39 2.88 -10.82	44.41 2.55 -12.92	43.31 2.61 -11.10	50.56 2.75 -13.89	59.56 5.76 -1.86	67.11 4.55 -20.10	66.03 3.83 -24.72	68.80 3.16 -31.62	69.11 3.08 -32.17	63.14 3.78 -24.65	57.89 3.99 -18.27	56.38 3.85 -16.54	55.83 3.78 -16.77	56.56 3.68 -19.42	68.39 4.42 -26.83	100.32 7.26 -34.53	78.01 6.68 -16.57	71.18 5.68 -17.78	64.88 5.40 -15.61	60.94 4.63 -16.71	55.49 4.07 -15.98	49.30 3.58 -13.15
NORTHPORT__3 23553	50.30 2.61 -15.42	46.47 2.20 -13.75	42.86 2.35 -10.82	43.92 2.05 -12.92	42.81 2.10 -11.10	49.99 2.17 -13.89	58.31 4.52 -1.86	65.71 3.14 -20.10	64.87 2.66 -24.72	67.67 2.04 -31.62	68.06 2.03 -32.17	62.20 2.85 -24.65	57.14 3.24 -18.27	55.77 3.24 -16.54	55.23 3.18 -16.77	55.95 3.08 -19.42	67.17 3.19 -26.83	98.56 5.50 -34.53	76.26 4.93 -16.56	69.65 4.15 -17.77	63.52 4.03 -15.61	59.91 3.60 -16.71	54.89 3.48 -15.98	48.78 3.06 -13.15
NORTHPORT__4 23650	50.30 2.61 -15.42	46.47 2.20 -13.75	42.86 2.35 -10.82	43.92 2.05 -12.92	42.81 2.10 -11.10	49.99 2.17 -13.89	58.31 4.52 -1.86	65.71 3.14 -20.10	64.87 2.66 -24.72	67.67 2.04 -31.62	68.06 2.03 -32.17	62.20 2.85 -24.65	57.14 3.24 -18.27	55.77 3.24 -16.54	55.23 3.18 -16.77	55.95 3.08 -19.42	67.17 3.19 -26.83	98.56 5.50 -34.53	76.26 4.93 -16.56	69.65 4.15 -17.77	63.52 4.03 -15.61	59.91 3.60 -16.71	54.89 3.48 -15.98	48.78 3.06 -13.15
NORTHPORT__IC 23718	50.82 3.13 -15.42	46.96 2.69 -13.75	43.39 2.88 -10.82	44.41 2.55 -12.92	43.31 2.61 -11.10	50.56 2.75 -13.89	59.56 5.76 -1.86	67.11 4.55 -20.10	66.03 3.83 -24.72	68.80 3.16 -31.62	69.11 3.08 -32.17	63.14 3.78 -24.65	57.89 3.99 -18.27	56.38 3.85 -16.54	55.83 3.78 -16.77	56.56 3.68 -19.42	68.39 4.42 -26.83	100.32 7.26 -34.53	78.01 6.68 -16.57	71.18 5.68 -17.78	64.88 5.40 -15.61	60.94 4.63 -16.71	55.49 4.07 -15.98	49.30 3.58 -13.15
NPX_GEN_1385_PROXY 323591	51.05 3.36 -15.42	47.38 3.11 -13.75	44.00 3.30 -11.01	44.84 2.98 -12.92	46.00 3.02 -13.37	51.04 3.23 -13.89	60.28 6.49 -1.86	67.70 5.14 -20.10	67.17 4.38 -25.31	69.27 3.64 -31.62	69.58 3.55 -32.17	65.63 4.30 -26.63	61.40 4.49 -21.28	58.00 4.39 -17.62	57.04 4.30 -17.46	58.73 4.15 -21.13	75.78 4.94 -33.70	101.14 8.08 -34.53	81.92 7.45 -19.71	71.85 6.35 -17.78	65.50 6.01 -15.61	61.49 5.19 -16.71	55.99 4.57 -15.98	49.56 3.84 -13.15



NPX_GEN_CSC 323557	51.18 3.49 -15.42	47.17 2.90 -13.75	43.66 3.15 -10.82	44.64 2.78 -12.92	43.52 2.81 -11.10	50.77 2.95 -13.89	60.50 6.70 -1.86	67.88 5.31 -20.10	66.63 4.42 -24.72	69.20 3.57 -31.62	69.31 3.28 -32.17	63.62 4.27 -24.65	58.28 4.38 -18.27	56.70 4.17 -16.54	56.11 4.06 -16.77	56.82 3.95 -19.42	68.95 4.98 -26.83	101.37 8.31 -34.53	79.06 7.72 -16.57	71.94 6.44 -17.78	65.71 6.23 -15.61	61.33 5.03 -16.71	55.88 4.47 -15.98	49.69 3.97 -13.15
NSINS_S_GLNS_FALLS 23858	55.04 1.65 -21.12	50.92 1.56 -18.84	46.03 1.51 -14.83	48.18 1.53 -17.71	46.30 1.48 -15.21	54.82 1.86 -19.03	57.83 3.37 -2.52	71.73 2.85 -26.42	72.80 2.62 -32.69	78.00 2.14 -41.85	78.50 2.07 -42.57	69.03 1.70 -32.63	61.46 1.64 -24.19	59.47 1.58 -21.90	59.04 1.55 -22.21	60.68 1.51 -25.71	74.28 1.60 -35.54	103.20 2.93 -41.74	78.71 3.61 -20.33	74.27 3.06 -23.48	65.78 3.03 -18.88	60.28 2.81 -17.88	57.86 2.37 -20.04	52.07 2.12 -17.38
NUCOR_STEEL___DRP 24197	34.86 0.48 -2.10	32.76 0.37 -1.87	31.55 0.39 -1.47	31.13 0.43 -1.76	31.53 0.41 -1.51	36.30 0.47 -1.89	52.86 0.67 -0.25	46.36 1.15 -2.75	41.54 0.68 -3.38	38.41 0.92 -3.48	38.21 0.81 -3.54	38.17 0.76 -2.71	38.34 0.89 -1.82	38.47 0.83 -1.65	37.80 0.85 -1.67	36.23 0.84 -1.94	40.72 0.26 -3.32	63.01 0.59 -3.90	57.49 0.82 -1.90	50.40 0.48 -2.19	45.99 0.35 -1.76	41.54 0.28 -1.67	37.39 0.07 -1.87	34.26 0.07 -1.62
NYISO_LBMP_REFERENCE 24008	32.27 0.00 0.00	30.52 0.00 0.00	29.69 0.00 0.00	28.94 0.00 0.00	29.61 0.00 0.00	33.93 0.00 0.00	51.93 0.00 0.00	42.47 0.00 0.00	37.49 0.00 0.00	34.01 0.00 0.00	33.86 0.00 0.00	34.70 0.00 0.00	35.63 0.00 0.00	35.99 0.00 0.00	35.28 0.00 0.00	33.46 0.00 0.00	37.14 0.00 0.00	58.53 0.00 0.00	54.77 0.00 0.00	47.73 0.00 0.00	43.88 0.00 0.00	39.59 0.00 0.00	35.44 0.00 0.00	32.57 0.00 0.00
NYPA_BRENTWD____GT 24164	51.11 3.42 -15.42	47.17 2.90 -13.75	43.60 3.09 -10.82	44.58 2.72 -12.92	43.49 2.78 -11.10	50.80 2.99 -13.89	59.92 6.12 -1.86	67.41 4.84 -20.10	66.26 4.05 -24.72	69.00 3.37 -31.62	69.28 3.25 -32.17	63.34 3.99 -24.65	58.06 4.17 -18.27	56.53 3.99 -16.54	55.97 3.92 -16.77	56.69 3.81 -19.42	68.69 4.72 -26.83	100.62 7.55 -34.53	78.29 6.96 -16.57	71.42 5.92 -17.78	65.23 5.75 -15.61	61.21 4.91 -16.71	55.63 4.22 -15.98	49.66 3.94 -13.15
NYPA_GOWANUS____GT5 24156	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.75 4.30 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NYPA_GOWANUS____GT6 24157	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.75 4.30 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12
NYPA_HARLEM_RVR_GT1 24160	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.15 2.34 -13.88	57.37 3.58 -1.86	65.58 3.02 -20.10	64.97 2.77 -24.71	68.11 2.48 -31.62	68.53 2.51 -32.16	61.98 2.64 -24.65	56.64 2.74 -18.26	55.37 2.84 -16.53	54.83 2.79 -16.77	55.51 2.64 -19.41	67.16 3.19 -26.83	95.31 5.27 -31.51	74.76 4.65 -15.34	69.37 3.91 -17.72	62.03 3.90 -14.25	56.29 3.21 -13.50	53.65 3.08 -15.13	48.49 2.80 -13.12
NYPA_HARLEM_RVR_GT2 24161	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.15 2.34 -13.88	57.37 3.58 -1.86	65.58 3.02 -20.10	64.97 2.77 -24.71	68.11 2.48 -31.62	68.53 2.51 -32.16	61.98 2.64 -24.65	56.64 2.74 -18.26	55.37 2.84 -16.53	54.83 2.79 -16.77	55.51 2.64 -19.41	67.16 3.19 -26.83	95.31 5.27 -31.51	74.76 4.65 -15.34	69.37 3.91 -17.72	62.03 3.90 -14.25	56.29 3.21 -13.50	53.65 3.08 -15.13	48.49 2.80 -13.12
NYPA_KENT____GT 24152	50.34 2.65 -15.42	46.77 2.50 -13.75	42.95 2.44 -10.82	44.20 2.34 -12.92	43.13 2.43 -11.10	50.36 2.55 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.52 2.89 -31.62	68.94 2.91 -32.17	62.41 3.05 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.54 3.57 -26.83	95.84 5.80 -31.52	75.21 5.09 -15.35	69.70 4.25 -17.73	62.21 4.08 -14.26	56.57 3.48 -13.50	53.83 3.26 -15.13	48.59 2.90 -13.12
NYPA_POUCH1____GT 24155	50.40 2.71 -15.42	46.83 2.56 -13.75	43.01 2.49 -10.82	44.23 2.37 -12.92	43.19 2.49 -11.10	50.36 2.55 -13.88	57.49 3.69 -1.87	65.84 3.27 -20.10	65.28 3.07 -24.72	68.42 2.79 -31.62	68.81 2.78 -32.17	62.30 2.95 -24.66	56.97 3.06 -18.27	55.66 3.13 -16.54	55.12 3.07 -16.78	55.79 2.91 -19.42	67.35 3.38 -26.83	95.61 5.56 -31.51	74.93 4.82 -15.34	69.51 4.05 -17.72	62.13 3.99 -14.26	56.50 3.41 -13.50	53.87 3.30 -15.13	48.63 2.93 -13.12
NYPA_VERNON____GT2 24162	50.24 2.55 -15.41	46.68 2.41 -13.75	42.89 2.38 -10.82	44.14 2.29 -12.92	43.08 2.37 -11.10	50.29 2.48 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.39 3.18 -24.72	68.52 2.89 -31.62	68.90 2.88 -32.17	62.37 3.02 -24.65	57.07 3.17 -18.26	55.77 3.24 -16.54	55.26 3.21 -16.77	55.85 2.98 -19.42	67.50 3.53 -26.83	95.79 5.74 -31.52	75.15 5.04 -15.35	69.66 4.20 -17.73	62.12 3.99 -14.26	56.49 3.41 -13.50	53.72 3.15 -15.13	48.49 2.80 -13.12
NYPA_VERNON____GT3 24163	50.24 2.55 -15.41	46.68 2.41 -13.75	42.89 2.38 -10.82	44.14 2.29 -12.92	43.08 2.37 -11.10	50.29 2.48 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.39 3.18 -24.72	68.52 2.89 -31.62	68.90 2.88 -32.17	62.37 3.02 -24.65	57.07 3.17 -18.26	55.77 3.24 -16.54	55.26 3.21 -16.77	55.85 2.98 -19.42	67.50 3.53 -26.83	95.79 5.74 -31.52	75.15 5.04 -15.35	69.66 4.20 -17.73	62.12 3.99 -14.26	56.49 3.41 -13.50	53.72 3.15 -15.13	48.49 2.80 -13.12
NYPA__ASTORIA_CC1 323568	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.64 3.84 -1.86	65.92 3.35 -20.10	65.31 3.11 -24.72	68.45 2.82 -31.62	68.83 2.81 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.54	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.67 5.62 -31.52	75.05 4.93 -15.35	69.56 4.11 -17.73	62.04 3.90 -14.26	56.45 3.36 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
NYPA__ASTORIA_CC2 323569	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.64 3.84 -1.86	65.92 3.35 -20.10	65.31 3.11 -24.72	68.45 2.82 -31.62	68.83 2.81 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.54	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.67 5.62 -31.52	75.05 4.93 -15.35	69.56 4.11 -17.73	62.04 3.90 -14.26	56.45 3.36 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
NYPA__HOLTSVILL 23794	50.85 3.16 -15.42	46.92 2.65 -13.75	43.39 2.88 -10.82	44.38 2.52 -12.92	43.28 2.57 -11.10	50.50 2.68 -13.89	59.82 6.02 -1.86	67.28 4.71 -20.10	66.14 3.93 -24.72	68.86 3.23 -31.62	69.11 3.08 -32.17	63.24 3.89 -24.65	57.92 4.03 -18.27	56.38 3.85 -16.54	55.79 3.74 -16.77	56.53 3.65 -19.42	68.50 4.53 -26.83	100.56 7.49 -34.53	78.29 6.96 -16.57	71.37 5.87 -17.78	65.10 5.62 -15.61	61.02 4.71 -16.71	55.53 4.11 -15.98	49.37 3.65 -13.15



NYPY____HELLGATE_GT1 24158	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.15 2.34 -13.88	57.37 3.58 -1.86	65.58 3.02 -20.10	64.97 2.77 -24.71	68.11 2.48 -31.62	68.53 2.51 -32.16	61.99 2.64 -24.65	56.64 2.74 -18.27	55.37 2.84 -16.53	54.84 2.79 -16.77	55.52 2.64 -19.42	67.16 3.19 -26.82	95.31 5.27 -31.51	74.76 4.65 -15.34	69.37 3.91 -17.72	62.04 3.90 -14.26	56.29 3.21 -13.50	53.65 3.08 -15.13	48.49 2.80 -13.12
NYPY____HELLGATE_GT2 24159	50.43 2.74 -15.41	46.77 2.50 -13.75	42.95 2.44 -10.82	44.17 2.32 -12.92	43.10 2.40 -11.10	50.15 2.34 -13.88	57.37 3.58 -1.86	65.58 3.02 -20.10	64.97 2.77 -24.71	68.11 2.48 -31.62	68.53 2.51 -32.16	61.99 2.64 -24.65	56.64 2.74 -18.27	55.37 2.84 -16.53	54.84 2.79 -16.77	55.52 2.64 -19.42	67.16 3.19 -26.82	95.31 5.27 -31.51	74.76 4.65 -15.34	69.37 3.91 -17.72	62.04 3.90 -14.26	56.29 3.21 -13.50	53.65 3.08 -15.13	48.49 2.80 -13.12
NYS_BARGE____HYD 23848	33.40 -1.35 -2.48	31.42 -1.31 -2.21	30.16 -1.28 -1.74	29.92 -1.10 -2.08	30.15 -1.24 -1.79	34.47 -1.70 -2.23	47.15 -5.09 -0.30	42.56 -3.14 -3.24	38.10 -3.37 -3.99	36.19 -2.79 -4.97	35.93 -2.98 -5.05	35.38 -3.19 -3.87	35.33 -2.99 -2.69	35.30 -3.13 -2.44	34.79 -2.96 -2.47	33.55 -2.78 -2.86	37.30 -3.82 -3.98	56.71 -6.50 -4.68	51.30 -5.75 -2.28	45.11 -5.25 -2.63	41.43 -4.56 -2.12	38.07 -3.52 -2.00	34.96 -2.73 -2.25	32.56 -1.95 -1.95
O.H_GEN_BRUCE 24063	33.22 -1.78 -2.72	31.30 -1.65 -2.43	30.00 -1.60 -1.91	29.81 -1.42 -2.28	30.00 -1.57 -1.96	34.28 -2.10 -2.45	47.28 -4.99 -0.33	42.77 -3.23 -3.54	38.61 -3.22 -4.35	36.65 -2.79 -5.43	36.40 -2.98 -5.52	35.81 -3.12 -4.23	35.60 -2.99 -2.97	35.55 -3.13 -2.69	35.00 -3.00 -2.72	33.80 -2.81 -3.15	37.80 -3.71 -4.37	57.52 -6.14 -5.14	51.79 -5.48 -2.50	45.56 -5.06 -2.89	41.81 -4.39 -2.32	38.27 -3.52 -2.20	35.00 -2.91 -2.47	32.56 -2.15 -2.14
OAK ORCHARD____HYD 24046	33.42 -0.90 -2.05	31.53 -0.82 -1.83	30.34 -0.80 -1.44	29.97 -0.69 -1.72	30.32 -0.77 -1.48	34.73 -1.05 -1.85	49.63 -2.54 -0.25	43.71 -1.40 -2.64	39.35 -1.39 -3.26	36.92 -1.12 -4.03	36.74 -1.22 -4.10	36.49 -1.35 -3.14	36.56 -1.21 -2.14	36.64 -1.29 -1.94	36.01 -1.24 -1.97	34.60 -1.14 -2.28	38.71 -1.63 -3.20	59.66 -2.63 -3.76	54.41 -2.19 -1.83	47.75 -2.10 -2.12	43.74 -1.84 -1.70	39.74 -1.46 -1.61	35.90 -1.35 -1.81	33.13 -1.01 -1.57
OCC_CHEM____DRP 24175	33.22 -1.61 -2.55	31.24 -1.56 -2.28	30.00 -1.48 -1.79	29.78 -1.30 -2.14	29.97 -1.48 -1.84	34.23 -2.00 -2.30	46.48 -5.77 -0.31	42.05 -3.74 -3.32	37.64 -3.94 -4.09	35.81 -3.30 -5.10	35.55 -3.49 -5.18	34.99 -3.68 -3.97	34.87 -3.53 -2.77	34.87 -3.63 -2.51	34.37 -3.46 -2.54	33.16 -3.24 -2.94	36.85 -4.38 -4.09	55.90 -7.43 -4.80	50.42 -6.68 -2.34	44.42 -6.02 -2.70	40.78 -5.27 -2.17	37.57 -4.08 -2.06	34.56 -3.19 -2.31	32.29 -2.28 -2.00
OLIN_CORP_DRP 24177	33.22 -1.61 -2.55	31.24 -1.56 -2.28	30.00 -1.48 -1.79	29.78 -1.30 -2.14	29.97 -1.48 -1.84	34.23 -2.00 -2.30	46.48 -5.77 -0.31	42.05 -3.74 -3.32	37.64 -3.94 -4.09	35.81 -3.30 -5.10	35.55 -3.49 -5.18	34.99 -3.68 -3.97	34.87 -3.53 -2.77	34.87 -3.63 -2.51	34.37 -3.46 -2.54	33.16 -3.24 -2.94	36.85 -4.38 -4.09	55.90 -7.43 -4.80	50.42 -6.68 -2.34	44.42 -6.02 -2.70	40.78 -5.27 -2.17	37.57 -4.08 -2.06	34.56 -3.19 -2.31	32.29 -2.28 -2.00
ONEIDA_HERK_LFGE 323681	32.92 0.65 0.00	31.07 0.55 0.00	30.23 0.54 0.00	29.46 0.52 0.00	30.17 0.56 0.00	34.68 0.75 0.00	53.28 1.35 0.00	44.19 1.32 -0.41	39.19 1.20 -0.51	35.64 1.02 -0.61	35.56 1.08 -0.62	36.22 1.04 -0.48	36.70 1.07 0.00	37.04 1.04 0.00	36.30 1.02 0.00	34.43 0.97 0.00	38.26 1.11 0.00	60.46 1.93 0.00	56.68 1.92 0.00	49.40 1.67 0.00	45.32 1.45 0.00	40.70 1.11 0.00	36.43 0.99 0.00	33.38 0.81 0.00
ONONDAGA_REF_OCCRA 23987	33.82 -0.10 -1.65	31.86 -0.12 -1.47	30.73 -0.12 -1.15	30.23 -0.09 -1.38	30.71 -0.09 -1.18	35.31 -0.10 -1.48	51.92 -0.21 -0.20	45.01 0.30 -2.24	40.48 0.23 -2.76	37.54 0.21 -3.33	37.38 0.14 -3.39	37.40 0.10 -2.60	37.62 0.25 -1.74	37.79 0.22 -1.57	37.09 0.21 -1.60	35.54 0.24 -1.85	39.91 0.15 -2.62	61.96 0.35 -3.07	56.70 0.44 -1.50	49.79 0.34 -1.73	45.53 0.26 -1.39	41.11 0.20 -1.32	36.99 0.07 -1.48	33.85 0.00 -1.28
ONONDAGA____COGEN 23986	33.85 -0.10 -1.67	31.89 -0.12 -1.49	30.75 -0.12 -1.17	30.25 -0.09 -1.40	30.72 -0.09 -1.20	35.33 -0.10 -1.50	51.87 -0.26 -0.20	45.16 0.51 -2.18	40.55 0.37 -2.69	37.67 0.44 -3.22	37.51 0.37 -3.28	37.52 0.31 -2.51	37.76 0.46 -1.67	37.94 0.43 -1.51	37.24 0.42 -1.53	35.67 0.43 -1.77	39.82 0.07 -2.61	61.83 0.24 -3.06	56.59 0.33 -1.49	49.69 0.24 -1.72	45.44 0.18 -1.38	41.02 0.12 -1.31	36.91 0.00 -1.47	33.84 0.00 -1.28
ONTARIO____LFGE 23819	34.54 -0.10 -2.36	32.50 -0.12 -2.10	31.23 -0.12 -1.66	30.89 -0.03 -1.98	31.25 -0.06 -1.70	35.95 -0.10 -2.12	51.80 -0.42 -0.28	45.86 0.34 -3.06	41.44 0.19 -3.77	38.84 0.21 -4.63	38.67 0.10 -4.71	38.34 0.03 -3.61	38.24 0.11 -2.50	38.29 0.04 -2.26	37.64 0.07 -2.29	36.21 0.10 -2.65	40.70 -0.18 -3.74	62.75 -0.18 -4.40	57.07 0.16 -2.14	50.15 -0.05 -2.47	45.78 -0.09 -1.99	41.43 -0.04 -1.88	37.34 -0.21 -2.11	34.27 -0.13 -1.83
OSWEGATCHIE____HYD 24044	32.18 -0.10 0.00	30.31 -0.21 0.00	29.46 -0.24 0.00	28.65 -0.29 0.00	29.34 -0.27 0.00	33.97 0.03 0.00	52.50 0.57 0.00	42.89 0.42 0.00	37.78 0.30 0.00	34.11 0.10 0.00	34.27 0.41 0.00	35.05 0.35 0.00	36.02 0.39 0.00	36.39 0.40 0.00	35.63 0.35 0.00	33.79 0.33 0.00	37.55 0.41 0.00	59.24 0.70 0.00	55.31 0.55 0.00	48.35 0.62 0.00	44.49 0.61 0.00	40.15 0.55 0.00	35.98 0.53 0.00	33.02 0.46 0.00
OSWEGO____5 23606	32.98 -0.61 -1.32	31.11 -0.58 -1.18	30.05 -0.57 -0.93	29.52 -0.52 -1.10	30.03 -0.53 -0.95	34.44 -0.68 -1.19	50.90 -1.19 -0.16	42.93 -0.93 -1.40	38.35 -0.86 -1.72	36.03 -0.65 -2.67	35.89 -0.68 -2.71	36.08 -0.69 -2.08	36.39 -0.53 -1.29	36.58 -0.58 -1.17	35.90 -0.57 -1.18	34.33 -0.50 -1.37	38.44 -0.60 -1.90	59.82 -0.94 -2.23	55.03 -0.82 -1.09	48.27 -0.71 -1.25	44.18 -0.70 -1.01	39.95 -0.59 -0.95	35.94 -0.57 -1.07	32.97 -0.52 -0.93
OSWEGO____6 23613	32.98 -0.61 -1.32	31.11 -0.58 -1.18	30.05 -0.57 -0.93	29.52 -0.52 -1.10	30.03 -0.53 -0.95	34.44 -0.68 -1.19	50.90 -1.19 -0.16	42.93 -0.93 -1.40	38.35 -0.86 -1.72	36.03 -0.65 -2.67	35.89 -0.68 -2.71	36.08 -0.69 -2.08	36.39 -0.53 -1.29	36.58 -0.58 -1.17	35.90 -0.57 -1.18	34.33 -0.50 -1.37	38.44 -0.60 -1.90	59.82 -0.94 -2.23	55.03 -0.82 -1.09	48.27 -0.71 -1.25	44.18 -0.70 -1.01	39.95 -0.59 -0.95	35.94 -0.57 -1.07	32.97 -0.52 -0.93
OUTOKUMPU-AB____DRP 24206	33.76 -1.10 -2.58	31.72 -1.10 -2.30	30.44 -1.07 -1.81	30.21 -0.90 -2.16	30.40 -1.06 -1.86	34.80 -1.46 -2.33	47.62 -4.62 -0.31	43.10 -2.72 -3.36	38.74 -2.89 -4.14	36.75 -2.41 -5.16	36.53 -2.57 -5.25	35.94 -2.78 -4.02	35.84 -2.60 -2.80	35.80 -2.74 -2.54	35.28 -2.57 -2.58	34.03 -2.41 -2.98	37.87 -3.42 -4.14	57.60 -5.80 -4.87	51.99 -5.15 -2.37	45.74 -4.73 -2.74	42.00 -4.08 -2.20	38.59 -3.09 -2.08	35.40 -2.37 -2.34	32.90 -1.69 -2.03
OXBOW____ 24026	33.55 -1.29 -2.57	31.53 -1.28 -2.29	30.25 -1.25 -1.80	30.02 -1.07 -2.15	30.24 -1.22 -1.85	34.58 -1.66 -2.31	47.16 -5.09 -0.31	42.71 -3.10 -3.34	38.30 -3.30 -4.11	36.38 -2.75 -5.13	36.16 -2.91 -5.22	35.57 -3.12 -4.00	35.46 -2.96 -2.79	35.42 -3.10 -2.52	34.91 -2.93 -2.56	33.71 -2.71 -2.96	37.47 -3.79 -4.12	56.99 -6.38 -4.84	51.43 -5.70 -2.35	45.25 -5.20 -2.72	41.55 -4.52 -2.19	38.18 -3.48 -2.07	35.07 -2.70 -2.32	32.66 -1.92 -2.01



OXY_CHEM_DSASP 323612	33.22 -1.61 -2.55	31.24 -1.56 -2.28	30.00 -1.48 -1.79	29.78 -1.30 -2.14	29.97 -1.48 -1.84	34.23 -2.00 -2.30	46.48 -5.77 -0.31	42.05 -3.74 -3.32	37.64 -3.94 -4.09	35.81 -3.30 -5.10	35.55 -3.49 -5.18	34.99 -3.68 -3.97	34.87 -3.53 -2.77	34.87 -3.63 -2.51	34.37 -3.46 -2.54	33.16 -3.24 -2.94	36.85 -4.38 -4.09	55.90 -7.43 -4.80	50.42 -6.68 -2.34	44.42 -6.02 -2.70	40.78 -5.27 -2.17	37.57 -4.08 -2.06	34.56 -3.19 -2.31	32.29 -2.28 -2.00
PEEKSKILL____ 23653	49.70 2.13 -15.29	46.17 2.01 -13.64	42.39 1.96 -10.73	43.67 1.91 -12.82	42.60 1.98 -11.01	49.85 2.14 -13.78	57.47 3.69 -1.85	65.71 3.27 -19.97	65.01 2.96 -24.56	68.08 2.65 -31.42	68.46 2.64 -31.96	61.97 2.78 -24.49	56.63 2.85 -18.15	55.34 2.91 -16.43	54.80 2.86 -16.66	55.46 2.71 -19.29	67.07 3.27 -26.66	95.22 5.38 -31.31	74.78 4.76 -15.25	69.30 3.96 -17.61	61.73 3.69 -14.16	56.13 3.13 -13.41	53.24 2.77 -15.03	47.95 2.35 -13.04
PGE MADISON____WINDPWR 24146	39.18 2.20 -4.71	36.67 1.95 -4.20	34.90 1.90 -3.30	34.79 1.91 -3.94	34.98 1.98 -3.39	40.58 2.41 -4.24	56.66 4.16 -0.57	52.43 3.90 -6.06	48.25 3.30 -7.47	46.29 2.75 -9.53	46.22 2.67 -9.69	44.80 2.67 -7.43	43.80 2.78 -5.38	43.60 2.73 -4.88	42.87 2.65 -4.94	41.72 2.54 -5.72	47.82 2.97 -7.71	72.68 5.09 -9.06	64.27 5.09 -4.41	57.17 4.34 -5.09	51.79 3.82 -4.10	46.40 2.93 -3.88	42.31 2.52 -4.35	38.46 2.12 -3.77
PIERCEFIELD____HYD 23852	31.47 -0.81 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.93 -1.01 0.00	28.60 -1.01 0.00	33.22 -0.71 0.00	51.72 -0.21 0.00	41.91 -0.55 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.55 -0.31 0.00	34.39 -0.31 0.00	35.31 -0.32 0.00	35.74 -0.25 0.00	35.00 -0.28 0.00	33.16 -0.30 0.00	36.81 -0.33 0.00	57.89 -0.64 0.00	53.84 -0.93 0.00	47.20 -0.52 0.00	43.52 -0.35 0.00	39.36 -0.24 0.00	35.27 -0.18 0.00	32.50 -0.07 0.00
PINELAWN_CC_1 323563	50.30 2.61 -15.42	46.50 2.23 -13.75	42.95 2.44 -10.82	43.97 2.11 -12.92	42.87 2.16 -11.10	50.02 2.20 -13.89	58.73 4.94 -1.86	66.43 3.86 -20.10	65.47 3.26 -24.72	68.32 2.69 -31.62	68.67 2.64 -32.17	62.65 3.30 -24.65	57.39 3.49 -18.27	55.88 3.35 -16.54	55.37 3.32 -16.77	56.09 3.21 -19.42	67.91 3.94 -26.83	99.73 6.67 -34.53	77.36 6.02 -16.57	70.61 5.11 -17.78	64.27 4.78 -15.61	60.42 4.12 -16.71	54.96 3.54 -15.98	48.85 3.13 -13.15
PJM_GEN_KEystone 24065	40.00 -0.22 -7.95	37.43 -0.18 -7.10	35.10 -0.18 -5.58	35.55 -0.06 -6.67	35.22 -0.12 -5.73	40.72 -0.37 -7.16	51.85 -1.04 -0.96	52.57 -0.30 -10.40	50.00 -0.30 -12.82	50.00 -0.31 -16.30	50.00 -0.44 -16.58	46.99 -0.41 -12.71	44.60 -0.36 -9.32	44.04 -0.40 -8.44	43.45 -0.39 -8.56	43.03 -0.33 -9.91	50.31 -0.52 -13.69	73.79 -0.82 -16.08	62.00 -0.60 -7.83	55.92 -0.86 -9.05	50.49 -0.66 -7.27	46.00 -0.47 -6.89	42.70 -0.46 -7.72	39.00 -0.26 -6.70
PJM_GEN_NEPTUNE_PROXY 323594	50.37 2.68 -15.42	46.53 2.26 -13.75	42.95 2.44 -10.82	44.00 2.14 -12.92	42.93 2.22 -11.10	50.13 2.31 -13.89	58.62 4.83 -1.86	66.35 3.78 -20.10	65.43 3.22 -24.72	68.32 2.69 -31.62	68.70 2.67 -32.17	62.61 3.26 -24.65	57.35 3.46 -18.27	55.91 3.38 -16.54	55.37 3.32 -16.77	56.09 3.21 -19.42	67.84 3.86 -26.83	99.50 6.44 -34.53	77.14 5.80 -16.57	70.42 4.92 -17.78	64.09 4.61 -15.61	60.30 4.00 -16.71	54.96 3.54 -15.98	48.82 3.10 -13.15
PJM_GEN_VFT_PROXY 323633	50.17 2.49 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.41 3.05 -24.65	57.07 3.17 -18.26	55.80 3.28 -16.53	55.26 3.21 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.84 5.80 -31.51	75.21 5.09 -15.35	69.75 4.30 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.33 2.64 -13.12
PLEASANTVLY____LBMP 24000	50.31 2.13 -15.91	46.69 1.98 -14.19	42.79 1.93 -11.17	44.16 1.88 -13.34	43.02 1.95 -11.46	50.40 2.14 -14.33	57.43 3.58 -1.92	66.37 3.19 -20.72	65.86 2.89 -25.49	69.20 2.58 -32.61	69.60 2.57 -33.17	62.83 2.71 -25.42	57.25 2.78 -18.84	55.89 2.84 -17.05	55.36 2.79 -17.30	56.13 2.64 -20.02	67.97 3.16 -27.67	96.19 5.15 -32.50	75.14 4.54 -15.83	69.83 3.82 -18.28	62.13 3.55 -14.70	56.56 3.05 -13.92	53.77 2.73 -15.60	48.45 2.35 -13.54
POLETTI____ 23519	50.14 2.45 -15.41	46.53 2.26 -13.75	42.74 2.23 -10.82	44.03 2.17 -12.92	42.93 2.22 -11.10	50.19 2.37 -13.88	57.69 3.90 -1.86	66.00 3.44 -20.10	65.35 3.15 -24.72	68.48 2.86 -31.62	68.87 2.84 -32.17	62.34 2.98 -24.65	56.99 3.10 -18.26	55.70 3.17 -16.53	55.19 3.14 -16.77	55.82 2.95 -19.42	67.46 3.49 -26.83	95.72 5.68 -31.51	75.10 4.98 -15.35	69.66 4.20 -17.73	62.08 3.95 -14.26	56.49 3.41 -13.50	53.65 3.08 -15.13	48.33 2.64 -13.12
PORT_JEFF_3 23555	51.33 3.65 -15.42	47.32 3.05 -13.75	43.81 3.30 -10.82	44.75 2.89 -12.92	43.64 2.93 -11.10	50.94 3.12 -13.89	60.70 6.91 -1.86	68.00 5.44 -20.10	66.74 4.53 -24.72	69.41 3.77 -31.62	69.62 3.59 -32.17	63.76 4.41 -24.65	58.39 4.49 -18.27	56.78 4.25 -16.54	56.21 4.16 -16.77	56.92 4.05 -19.42	68.95 4.98 -26.83	101.02 7.96 -34.53	78.94 7.61 -16.57	71.99 6.49 -17.78	65.76 6.27 -15.61	61.61 5.31 -16.71	55.99 4.57 -15.98	49.82 4.10 -13.15
PORT_JEFF_4 23616	51.33 3.65 -15.42	47.32 3.05 -13.75	43.81 3.30 -10.82	44.75 2.89 -12.92	43.64 2.93 -11.10	50.94 3.12 -13.89	60.70 6.91 -1.86	68.00 5.44 -20.10	66.74 4.53 -24.72	69.41 3.77 -31.62	69.62 3.59 -32.17	63.76 4.41 -24.65	58.39 4.49 -18.27	56.78 4.25 -16.54	56.21 4.16 -16.77	56.92 4.05 -19.42	68.95 4.98 -26.83	101.02 7.96 -34.53	78.94 7.61 -16.57	71.99 6.49 -17.78	65.76 6.27 -15.61	61.61 5.31 -16.71	55.99 4.57 -15.98	49.82 4.10 -13.15
PORT_JEFF_IC 23713	51.53 3.84 -15.42	47.47 3.20 -13.75	43.96 3.44 -10.82	44.87 3.01 -12.92	43.79 3.08 -11.10	51.08 3.26 -13.89	61.01 7.22 -1.86	68.26 5.69 -20.10	66.97 4.76 -24.72	69.57 3.94 -31.62	69.79 3.76 -32.17	63.93 4.58 -24.65	58.60 4.70 -18.27	56.99 4.46 -16.54	56.39 4.34 -16.77	57.13 4.25 -19.42	69.02 5.05 -26.83	101.26 8.19 -34.53	79.11 7.77 -16.57	72.14 6.63 -17.78	66.02 6.54 -15.61	61.89 5.58 -16.71	56.20 4.78 -15.98	50.02 4.30 -13.15
PPL PILGRIM_ST_GT1 24216	51.11 3.42 -15.42	47.17 2.90 -13.75	43.60 3.09 -10.82	44.58 2.72 -12.92	43.49 2.78 -11.10	50.80 2.99 -13.89	59.92 6.12 -1.86	67.41 4.84 -20.10	66.26 4.05 -24.72	69.00 3.37 -31.62	69.28 3.25 -32.17	63.34 3.99 -24.65	58.06 4.17 -18.27	56.53 3.99 -16.54	55.97 3.92 -16.77	56.69 3.81 -19.42	68.69 4.72 -26.83	100.62 7.55 -34.53	78.29 6.96 -16.57	71.42 5.92 -17.78	65.23 5.75 -15.61	61.21 4.91 -16.71	55.63 4.22 -15.98	49.66 3.94 -13.15
PPL PILGRIM_ST_GT2 24217	51.11 3.42 -15.42	47.17 2.90 -13.75	43.60 3.09 -10.82	44.58 2.72 -12.92	43.49 2.78 -11.10	50.80 2.99 -13.89	59.92 6.12 -1.86	67.41 4.84 -20.10	66.26 4.05 -24.72	69.00 3.37 -31.62	69.28 3.25 -32.17	63.34 3.99 -24.65	58.06 4.17 -18.27	56.53 3.99 -16.54	55.97 3.92 -16.77	56.69 3.81 -19.42	68.69 4.72 -26.83	100.62 7.55 -34.53	78.29 6.96 -16.57	71.42 5.92 -17.78	65.23 5.75 -15.61	61.21 4.91 -16.71	55.63 4.22 -15.98	49.66 3.94 -13.15
PPL_SHRM_GT3 24213	50.72 3.03 -15.42	46.80 2.53 -13.75	43.30 2.79 -10.82	44.29 2.43 -12.92	43.16 2.46 -11.10	50.39 2.58 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.14 3.93 -24.72	68.80 3.16 -31.62	68.94 2.91 -32.17	63.21 3.85 -24.65	57.89 3.99 -18.27	56.27 3.74 -16.54	55.69 3.63 -16.77	56.46 3.58 -19.42	68.47 4.49 -26.83	100.50 7.43 -34.53	78.40 7.07 -16.57	71.37 5.87 -17.78	65.15 5.66 -15.61	60.78 4.47 -16.71	55.42 4.00 -15.98	49.24 3.52 -13.15



PPL_SHRM_GT4 24214	50.72 3.03 -15.42	46.80 2.53 -13.75	43.30 2.79 -10.82	44.29 2.43 -12.92	43.16 2.46 -11.10	50.39 2.58 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.14 3.93 -24.72	68.80 3.16 -31.62	68.94 2.91 -32.17	63.21 3.85 -24.65	57.89 3.99 -18.27	56.27 3.74 -16.54	55.69 3.63 -16.77	56.46 3.58 -19.42	68.47 4.49 -26.83	100.50 7.43 -34.53	78.40 7.07 -16.57	71.37 5.87 -17.78	65.15 5.66 -15.61	60.78 4.47 -16.71	55.42 4.00 -15.98	49.24 3.52 -13.15
PROJECT__ORANGE 1 24174	33.51 -0.19 -1.43	31.58 -0.21 -1.27	30.49 -0.21 -1.00	29.96 -0.17 -1.20	30.46 -0.18 -1.03	34.98 -0.24 -1.29	51.64 -0.47 -0.17	44.51 0.04 -2.00	39.99 0.04 -2.46	36.98 0.00 -2.97	36.85 -0.03 -3.02	36.95 -0.07 -2.32	37.24 0.07 -1.53	37.45 0.07 -1.39	36.76 0.07 -1.41	35.16 0.07 -1.63	39.43 0.00 -2.29	61.28 0.06 -2.69	56.30 0.22 -1.31	49.34 0.10 -1.51	45.18 0.09 -1.22	40.78 0.04 -1.15	36.66 -0.07 -1.29	33.62 -0.07 -1.12
PROJECT__ORANGE 2 24166	33.51 -0.19 -1.43	31.58 -0.21 -1.27	30.49 -0.21 -1.00	29.96 -0.17 -1.20	30.46 -0.18 -1.03	34.98 -0.24 -1.29	51.64 -0.47 -0.17	44.51 0.04 -2.00	39.99 0.04 -2.46	36.98 0.00 -2.97	36.85 -0.03 -3.02	36.95 -0.07 -2.32	37.24 0.07 -1.53	37.45 0.07 -1.39	36.76 0.07 -1.41	35.16 0.07 -1.63	39.43 0.00 -2.29	61.28 0.06 -2.69	56.30 0.22 -1.31	49.34 0.10 -1.51	45.18 0.09 -1.22	40.78 0.04 -1.15	36.66 -0.07 -1.29	33.62 -0.07 -1.12
PYRITES__HYD 24023	31.53 -0.74 0.00	29.70 -0.82 0.00	28.83 -0.86 0.00	27.96 -0.98 0.00	28.66 -0.95 0.00	33.32 -0.61 0.00	51.98 0.05 0.00	42.21 -0.25 0.00	37.15 -0.34 0.00	33.46 -0.55 0.00	33.76 -0.10 0.00	34.60 -0.10 0.00	35.56 -0.07 0.00	35.99 0.00 0.00	35.21 -0.07 0.00	33.36 -0.10 0.00	37.07 -0.07 0.00	58.41 -0.12 0.00	54.33 -0.44 0.00	47.63 -0.10 0.00	43.88 0.00 0.00	39.59 0.00 0.00	35.44 0.00 0.00	32.63 0.07 0.00
RAMAPO__LBMP 323565	49.33 2.10 -14.96	45.85 1.98 -13.35	42.12 1.93 -10.50	43.36 1.88 -12.54	42.33 1.95 -10.77	49.51 2.10 -13.48	57.37 3.63 -1.81	65.29 3.23 -19.59	64.46 2.89 -24.09	67.41 2.58 -30.81	67.78 2.57 -31.35	61.43 2.71 -24.02	56.24 2.81 -17.80	54.95 2.84 -16.11	54.41 2.79 -16.34	55.02 2.64 -18.92	66.48 3.19 -26.14	94.45 5.21 -30.71	74.38 4.65 -14.96	68.87 3.86 -17.27	61.37 3.60 -13.89	55.79 3.05 -13.15	52.88 2.69 -14.74	47.67 2.31 -12.79
RANKINE____ 23646	33.84 -1.16 -2.72	31.82 -1.13 -2.43	30.48 -1.13 -1.91	30.27 -0.95 -2.28	30.51 -1.06 -1.96	34.89 -1.49 -2.45	48.16 -4.10 -0.33	43.62 -2.38 -3.53	39.36 -2.48 -4.35	37.36 -2.08 -5.43	37.15 -2.24 -5.53	36.50 -2.43 -4.23	36.28 -2.32 -2.97	36.27 -2.41 -2.69	35.71 -2.29 -2.72	34.47 -2.14 -3.15	38.51 -3.01 -4.37	58.63 -5.03 -5.14	52.89 -4.38 -2.50	46.51 -4.10 -2.89	42.69 -3.51 -2.32	39.06 -2.73 -2.20	35.71 -2.20 -2.47	33.15 -1.56 -2.14
RAVENSWOOD_GT2_1 24244	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.94 2.91 -32.17	62.41 3.05 -24.65	57.07 3.17 -18.26	55.77 3.24 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.40 2.70 -13.12
RAVENSWOOD_GT2_2 24245	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.94 2.91 -32.17	62.41 3.05 -24.65	57.07 3.17 -18.26	55.77 3.24 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.40 2.70 -13.12
RAVENSWOOD_GT2_3 24246	50.17 2.49 -15.41	46.59 2.32 -13.75	42.80 2.29 -10.82	44.06 2.20 -12.92	42.99 2.28 -11.10	50.26 2.44 -13.88	57.85 4.05 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.59 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.21 4.08 -14.26	56.61 3.52 -13.50	53.72 3.15 -15.13	48.40 2.70 -13.12
RAVENSWOOD_GT2_4 24247	50.17 2.49 -15.41	46.59 2.32 -13.75	42.80 2.29 -10.82	44.06 2.20 -12.92	42.99 2.28 -11.10	50.26 2.44 -13.88	57.85 4.05 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.59 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.21 4.08 -14.26	56.61 3.52 -13.50	53.72 3.15 -15.13	48.40 2.70 -13.12
RAVENSWOOD_GT3_1 24248	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.94 2.91 -32.17	62.41 3.05 -24.65	57.07 3.17 -18.26	55.77 3.24 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.40 2.70 -13.12
RAVENSWOOD_GT3_2 24249	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.94 2.91 -32.17	62.41 3.05 -24.65	57.07 3.17 -18.26	55.77 3.24 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.40 2.70 -13.12
RAVENSWOOD_GT3_3 24250	50.21 2.52 -15.41	46.59 2.32 -13.75	42.80 2.29 -10.82	44.06 2.20 -12.92	42.99 2.28 -11.10	50.29 2.48 -13.88	57.85 4.05 -1.86	66.17 3.61 -20.10	65.50 3.30 -24.72	68.59 2.96 -31.62	69.01 2.98 -32.17	62.48 3.12 -24.65	57.14 3.24 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.95 3.08 -19.42	67.61 3.64 -26.83	95.96 5.91 -31.52	75.32 5.21 -15.35	69.84 4.39 -17.73	62.21 4.08 -14.26	56.61 3.52 -13.50	53.76 3.19 -15.13	48.43 2.74 -13.12
RAVENSWOOD_GT3_4 24251	50.21 2.52 -15.41	46.59 2.32 -13.75	42.80 2.29 -10.82	44.06 2.20 -12.92	42.99 2.28 -11.10	50.29 2.48 -13.88	57.85 4.05 -1.86	66.17 3.61 -20.10	65.50 3.30 -24.72	68.59 2.96 -31.62	69.01 2.98 -32.17	62.48 3.12 -24.65	57.14 3.24 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.95 3.08 -19.42	67.61 3.64 -26.83	95.96 5.91 -31.52	75.32 5.21 -15.35	69.84 4.39 -17.73	62.21 4.08 -14.26	56.61 3.52 -13.50	53.76 3.19 -15.13	48.43 2.74 -13.12
RAVENSWOOD_GT_1 23729	50.24 2.55 -15.41	46.68 2.41 -13.75	42.89 2.38 -10.82	44.14 2.29 -12.92	43.08 2.37 -11.10	50.29 2.48 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.39 3.18 -24.72	68.52 2.89 -31.62	68.90 2.88 -32.17	62.37 3.02 -24.65	57.07 3.17 -18.26	55.77 3.24 -16.54	55.26 3.21 -16.77	55.85 2.98 -19.42	67.50 3.53 -26.83	95.79 5.74 -31.52	75.15 5.04 -15.35	69.66 4.20 -17.73	62.12 3.99 -14.26	56.49 3.41 -13.50	53.72 3.15 -15.13	48.49 2.80 -13.12
RAVENSWOOD_GT_10 24258	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.79 4.00 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.41 3.05 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12



RAVENSWOOD_GT_11 24259	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.79 4.00 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.41 3.05 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
RAVENSWOOD_GT_4 24252	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.85 4.05 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.59 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.92 3.04 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
RAVENSWOOD_GT_5 24254	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.85 4.05 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.59 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.92 3.04 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
RAVENSWOOD_GT_6 24253	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.85 4.05 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.59 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.92 3.04 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
RAVENSWOOD_GT_7 24255	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.85 4.05 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.59 2.96 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.92 3.04 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.79 4.00 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.41 3.05 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
RAVENSWOOD_GT_9 24257	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.22 2.41 -13.88	57.79 4.00 -1.86	66.13 3.57 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.41 3.05 -24.65	57.10 3.21 -18.26	55.80 3.28 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.36 2.67 -13.12
RAVENSWOOD___1 23533	50.24 2.55 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.29 2.48 -13.88	57.69 3.90 -1.86	66.00 3.44 -20.10	65.39 3.18 -24.72	68.49 2.86 -31.62	68.90 2.88 -32.17	62.37 3.02 -24.65	57.03 3.14 -18.26	55.77 3.24 -16.54	55.23 3.18 -16.77	55.85 2.98 -19.42	67.50 3.53 -26.83	95.79 5.74 -31.52	75.10 4.98 -15.35	69.66 4.20 -17.73	62.12 3.99 -14.26	56.49 3.41 -13.50	53.72 3.15 -15.13	48.46 2.77 -13.12
RAVENSWOOD___2 23534	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.29 2.48 -13.88	57.69 3.90 -1.86	65.96 3.40 -20.10	65.39 3.18 -24.72	68.49 2.86 -31.62	68.90 2.88 -32.17	62.37 3.02 -24.65	57.03 3.14 -18.26	55.73 3.20 -16.54	55.23 3.18 -16.77	55.85 2.98 -19.42	67.50 3.53 -26.83	95.79 5.74 -31.52	75.10 4.98 -15.35	69.66 4.20 -17.73	62.08 3.95 -14.26	56.49 3.41 -13.50	53.72 3.15 -15.13	48.46 2.77 -13.12
RAVENSWOOD___3 23535	50.14 2.45 -15.41	46.56 2.29 -13.75	42.77 2.26 -10.82	44.03 2.17 -12.92	42.96 2.25 -11.10	50.26 2.44 -13.88	57.79 4.00 -1.86	66.09 3.52 -20.10	65.46 3.26 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.41 3.05 -24.65	57.07 3.17 -18.26	55.77 3.24 -16.54	55.26 3.21 -16.77	55.89 3.01 -19.42	67.57 3.60 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.17 4.03 -14.26	56.57 3.48 -13.50	53.69 3.12 -15.13	48.40 2.70 -13.12
RAVENSWOOD___4 23820	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.69 3.90 -1.86	65.96 3.40 -20.10	65.39 3.18 -24.72	68.49 2.86 -31.62	68.90 2.88 -32.17	62.37 3.02 -24.65	57.03 3.14 -18.26	55.73 3.20 -16.54	55.23 3.18 -16.77	55.85 2.98 -19.42	67.50 3.53 -26.83	95.79 5.74 -31.52	75.10 4.98 -15.35	69.66 4.20 -17.73	62.08 3.95 -14.26	56.49 3.41 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
RCPL_TRUST___DRP 24196	50.17 2.49 -15.41	46.58 2.32 -13.75	42.80 2.29 -10.82	44.06 2.20 -12.92	42.98 2.28 -11.10	50.26 2.44 -13.88	57.90 4.10 -1.86	66.22 3.65 -20.10	65.54 3.34 -24.72	68.62 2.99 -31.62	69.03 3.01 -32.16	62.51 3.16 -24.65	57.17 3.28 -18.26	55.88 3.35 -16.53	55.33 3.28 -16.77	55.99 3.11 -19.42	67.65 3.68 -26.83	96.02 5.97 -31.51	75.37 5.26 -15.35	69.89 4.44 -17.73	62.25 4.12 -14.26	56.65 3.56 -13.49	53.72 3.15 -15.13	48.39 2.70 -13.12
RENSSELAER___COGEN 23796	53.96 1.52 -20.17	49.95 1.43 -17.99	45.25 1.40 -14.16	47.24 1.39 -16.91	45.52 1.39 -14.52	53.70 1.60 -18.17	55.98 1.61 -2.44	69.44 1.27 -25.70	70.53 1.20 -31.85	75.89 1.12 -40.76	76.41 1.08 -41.47	67.56 1.08 -31.78	60.30 1.11 -23.56	58.40 1.08 -21.33	57.97 1.06 -21.63	59.54 1.04 -25.05	72.72 0.96 -34.61	100.71 1.52 -40.66	76.10 1.53 -19.80	71.93 1.33 -22.87	63.50 1.23 -18.39	58.19 1.19 -17.41	56.06 1.10 -19.52	50.67 1.17 -16.93
REVERE_CPPR_DRP 24186	33.59 0.90 -0.42	31.68 0.79 -0.37	30.76 0.77 -0.29	30.07 0.78 -0.35	30.71 0.80 -0.30	35.32 1.02 -0.37	53.69 1.71 -0.05	45.31 1.87 -0.97	40.38 1.69 -1.20	36.93 1.46 -1.46	36.83 1.49 -1.48	37.29 1.46 -1.14	37.91 1.53 -0.75	38.22 1.55 -0.68	37.45 1.48 -0.69	35.66 1.40 -0.79	39.84 1.60 -1.10	62.52 2.69 -1.29	58.08 2.68 -0.63	50.75 2.29 -0.73	46.52 2.06 -0.59	41.73 1.59 -0.55	37.44 1.38 -0.62	34.25 1.14 -0.54
RIVERBAY____ 323610	50.43 2.74 -15.41	46.74 2.47 -13.75	42.89 2.38 -10.82	44.12 2.26 -12.92	43.08 2.37 -11.10	50.05 2.24 -13.88	57.17 3.37 -1.86	65.41 2.85 -20.10	64.82 2.62 -24.71	68.00 2.38 -31.62	68.42 2.40 -32.16	61.88 2.53 -24.65	56.53 2.64 -18.26	55.26 2.73 -16.53	54.73 2.68 -16.77	55.41 2.54 -19.41	67.12 3.16 -26.82	95.31 5.27 -31.51	74.76 4.65 -15.34	69.32 3.86 -17.72	62.03 3.90 -14.25	56.21 3.13 -13.50	53.62 3.05 -15.13	48.46 2.77 -13.12
ROCHESTER_9_IC 23652	33.99 -0.32 -2.04	32.03 -0.31 -1.82	30.83 -0.30 -1.43	30.45 -0.20 -1.71	30.81 -0.27 -1.47	35.33 -0.44 -1.84	50.67 -1.51 -0.25	44.63 -0.47 -2.63	40.20 -0.52 -3.24	37.68 -0.34 -4.01	37.56 -0.37 -4.08	37.30 -0.52 -3.13	37.41 -0.36 -2.13	37.49 -0.43 -1.93	36.85 -0.39 -1.96	35.42 -0.30 -2.26	39.66 -0.67 -3.18	61.10 -1.17 -3.74	55.77 -0.82 -1.82	48.88 -0.95 -2.10	44.73 -0.83 -1.69	40.64 -0.55 -1.60	36.67 -0.57 -1.79	33.80 -0.33 -1.56



ROSETON___1 23587	49.67 2.03 -15.36	46.15 1.92 -13.70	42.35 1.87 -10.78	43.64 1.82 -12.88	42.57 1.90 -11.06	49.84 2.07 -13.84	57.21 3.43 -1.86	65.44 3.14 -19.83	64.71 2.85 -24.38	67.74 2.55 -31.18	68.12 2.54 -31.72	61.68 2.67 -24.31	56.42 2.78 -18.01	55.11 2.81 -16.31	54.57 2.75 -16.54	55.22 2.61 -19.15	66.72 3.12 -26.46	94.70 5.09 -31.08	74.45 4.54 -15.14	69.03 3.82 -17.48	61.45 3.51 -14.06	55.95 3.05 -13.31	53.05 2.69 -14.92	47.82 2.31 -12.94
ROSETON___2 23588	49.67 2.03 -15.36	46.15 1.92 -13.70	42.35 1.87 -10.78	43.64 1.82 -12.88	42.57 1.90 -11.06	49.84 2.07 -13.84	57.21 3.43 -1.86	65.44 3.14 -19.83	64.71 2.85 -24.38	67.74 2.55 -31.18	68.12 2.54 -31.72	61.68 2.67 -24.31	56.42 2.78 -18.01	55.11 2.81 -16.31	54.57 2.75 -16.54	55.22 2.61 -19.15	66.72 3.12 -26.46	94.70 5.09 -31.08	74.45 4.54 -15.14	69.03 3.82 -17.48	61.45 3.51 -14.06	55.95 3.05 -13.31	53.05 2.69 -14.92	47.82 2.31 -12.94
RUSSELL___1 23602	34.60 0.29 -2.04	32.58 0.24 -1.82	31.36 0.24 -1.43	30.97 0.32 -1.71	31.34 0.27 -1.47	35.97 0.20 -1.84	51.71 -0.47 -0.25	45.56 0.47 -2.63	41.02 0.30 -3.24	38.43 0.41 -4.01	38.27 0.34 -4.08	38.03 0.21 -3.13	38.12 0.36 -2.13	38.21 0.29 -1.93	37.59 0.35 -1.96	36.09 0.37 -2.26	40.40 0.07 -3.18	62.39 0.12 -3.74	57.02 0.44 -1.82	50.02 0.19 -2.10	45.79 0.22 -1.69	41.51 0.32 -1.60	37.34 0.11 -1.79	34.38 0.26 -1.56
RUSSELL___2 23532	34.60 0.29 -2.04	32.58 0.24 -1.82	31.36 0.24 -1.43	30.97 0.32 -1.71	31.34 0.27 -1.47	35.97 0.20 -1.84	51.71 -0.47 -0.25	45.56 0.47 -2.63	41.02 0.30 -3.24	38.43 0.41 -4.01	38.27 0.34 -4.08	38.03 0.21 -3.13	38.12 0.36 -2.13	38.21 0.29 -1.93	37.59 0.35 -1.96	36.09 0.37 -2.26	40.40 0.07 -3.18	62.39 0.12 -3.74	57.02 0.44 -1.82	50.02 0.19 -2.10	45.79 0.22 -1.69	41.51 0.32 -1.60	37.34 0.11 -1.79	34.38 0.26 -1.56
RUSSELL___3 23549	33.89 -0.42 -2.04	31.94 -0.40 -1.82	30.74 -0.39 -1.43	30.36 -0.29 -1.71	30.72 -0.35 -1.47	35.23 -0.54 -1.84	50.51 -1.66 -0.25	44.46 -0.64 -2.63	40.05 -0.67 -3.24	37.51 -0.51 -4.01	37.36 -0.58 -4.08	37.09 -0.73 -3.13	37.19 -0.57 -2.13	37.28 -0.65 -1.93	36.64 -0.60 -1.96	35.22 -0.50 -2.26	39.40 -0.93 -3.18	60.81 -1.46 -3.74	55.49 -1.09 -1.82	48.69 -1.15 -2.10	44.60 -0.97 -1.69	40.48 -0.71 -1.60	36.53 -0.71 -1.79	33.67 -0.46 -1.56
RUSSELL___4 23556	34.57 0.26 -2.04	32.58 0.24 -1.82	31.36 0.24 -1.43	30.97 0.32 -1.71	31.34 0.27 -1.47	35.97 0.20 -1.84	51.71 -0.47 -0.25	45.56 0.47 -2.63	41.02 0.30 -3.24	38.39 0.37 -4.01	38.24 0.30 -4.08	38.00 0.17 -3.13	38.12 0.36 -2.13	38.21 0.29 -1.93	37.55 0.32 -1.96	36.09 0.37 -2.26	40.36 0.04 -3.18	62.39 0.12 -3.74	57.02 0.44 -1.82	50.02 0.19 -2.10	45.79 0.22 -1.69	41.51 0.32 -1.60	37.34 0.11 -1.79	34.38 0.26 -1.56
RUSSELL___STATION 23914	33.89 -0.42 -2.04	31.94 -0.40 -1.82	30.74 -0.39 -1.43	30.36 -0.29 -1.71	30.72 -0.35 -1.47	35.23 -0.54 -1.84	50.51 -1.66 -0.25	44.46 -0.64 -2.63	40.05 -0.67 -3.24	37.51 -0.51 -4.01	37.36 -0.58 -4.08	37.09 -0.73 -3.13	37.19 -0.57 -2.13	37.28 -0.65 -1.93	36.64 -0.60 -1.96	35.22 -0.50 -2.26	39.40 -0.93 -3.18	60.81 -1.46 -3.74	55.49 -1.09 -1.82	48.69 -1.15 -2.10	44.60 -0.97 -1.69	40.48 -0.71 -1.60	36.53 -0.71 -1.79	33.67 -0.46 -1.56
S SALMON___HYD 24043	33.46 0.03 -1.16	31.49 -0.06 -1.03	30.48 -0.03 -0.81	29.88 -0.03 -0.97	30.44 0.00 -0.83	35.04 0.07 -1.04	52.28 0.21 -0.14	44.27 0.30 -1.50	39.60 0.26 -1.85	36.71 0.31 -2.40	36.60 0.30 -2.44	36.84 0.28 -1.87	37.26 0.43 -1.20	37.48 0.40 -1.09	36.77 0.39 -1.11	35.11 0.37 -1.28	39.32 0.37 -1.81	61.42 0.76 -2.13	56.63 0.82 -1.04	49.64 0.72 -1.20	45.41 0.57 -0.96	40.94 0.44 -0.91	36.82 0.35 -1.02	33.71 0.26 -0.89
SELKIRK___I 23801	53.41 1.23 -19.91	49.43 1.16 -17.76	44.79 1.13 -13.97	46.72 1.10 -16.68	45.04 1.10 -14.33	53.08 1.22 -17.93	55.95 1.61 -2.41	69.21 1.27 -25.47	70.24 1.20 -31.55	75.49 1.09 -40.39	76.03 1.08 -41.09	67.30 1.11 -31.49	60.08 1.11 -23.34	58.24 1.12 -21.13	57.81 1.09 -21.43	59.31 1.04 -24.82	72.40 0.96 -34.29	100.33 1.52 -40.28	75.81 1.42 -19.62	71.63 1.24 -22.66	63.24 1.14 -18.22	58.07 1.23 -17.25	55.91 1.13 -19.34	50.42 1.07 -16.78
SELKIRK___II 23799	53.41 1.10 -20.04	49.43 1.04 -17.87	44.77 1.01 -14.06	46.75 1.01 -16.80	45.04 1.01 -14.43	53.14 1.15 -18.05	55.65 1.30 -2.42	69.14 1.06 -25.61	70.30 0.94 -31.88	75.66 0.85 -40.80	76.22 0.85 -41.51	67.38 0.87 -31.81	60.07 0.85 -23.58	58.21 0.86 -21.35	57.78 0.85 -21.65	59.33 0.80 -25.07	72.57 0.78 -34.65	100.40 1.17 -40.70	75.79 1.20 -19.82	71.67 1.05 -22.89	63.25 0.96 -18.41	57.97 0.95 -17.43	55.83 0.85 -19.54	50.36 0.85 -16.95
SENECA OSWGO___HYD 24041	33.31 -0.32 -1.36	31.40 -0.34 -1.22	30.33 -0.33 -0.96	29.79 -0.29 -1.14	30.29 -0.30 -0.98	34.82 -0.34 -1.23	51.48 -0.62 -0.16	43.82 -0.34 -1.69	39.20 -0.37 -2.09	36.59 -0.17 -2.76	36.46 -0.20 -2.80	36.61 -0.24 -2.15	36.98 -0.04 -1.38	37.17 -0.07 -1.25	36.48 -0.07 -1.27	34.89 -0.03 -1.47	39.10 -0.11 -2.07	60.85 -0.12 -2.44	56.01 0.05 -1.19	49.10 0.00 -1.37	44.93 -0.04 -1.10	40.56 -0.08 -1.04	36.47 -0.14 -1.17	33.42 -0.16 -1.01
SENECA___ENERGY 23797	34.17 -0.22 -2.12	32.13 -0.28 -1.89	30.91 -0.27 -1.49	30.54 -0.17 -1.77	30.93 -0.21 -1.52	35.53 -0.31 -1.91	51.46 -0.73 -0.26	45.39 0.17 -2.75	40.84 -0.04 -3.39	38.04 0.14 -3.90	37.86 0.03 -3.97	37.70 -0.03 -3.04	37.77 0.07 -2.07	37.90 0.04 -1.87	37.25 0.07 -1.90	35.76 0.10 -2.20	40.08 -0.41 -3.34	61.93 -0.53 -3.93	56.46 -0.22 -1.91	49.55 -0.38 -2.21	45.26 -0.40 -1.78	40.92 -0.36 -1.68	36.87 -0.46 -1.89	33.81 -0.39 -1.64
SHOEMAKER___GT 23640	48.41 1.97 -14.17	45.02 1.86 -12.64	41.39 1.75 -9.94	42.58 1.77 -11.87	41.65 1.84 -10.20	48.73 2.04 -12.76	57.07 3.43 -1.71	63.89 3.02 -18.41	62.87 2.70 -22.69	65.44 2.41 -29.01	65.78 2.40 -29.51	59.78 2.46 -22.62	54.95 2.57 -16.75	53.76 2.59 -15.17	53.21 2.54 -15.38	53.68 2.41 -17.81	64.74 2.97 -24.62	92.31 4.86 -28.92	73.13 4.27 -14.09	67.58 3.58 -16.27	60.25 3.29 -13.08	54.75 2.77 -12.38	51.77 2.44 -13.88	46.73 2.12 -12.04
SHOREHAM_IC_1 23715	50.72 3.03 -15.42	46.80 2.53 -13.75	43.30 2.79 -10.82	44.29 2.43 -12.92	43.16 2.46 -11.10	50.39 2.58 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.14 3.93 -24.72	68.80 3.16 -31.62	68.94 2.91 -32.17	63.21 3.85 -24.65	57.89 3.99 -18.27	56.27 3.74 -16.54	55.69 3.63 -16.77	56.46 3.58 -19.42	68.47 4.49 -26.83	100.50 7.43 -34.53	78.40 7.07 -16.57	71.37 5.87 -17.78	65.15 5.66 -15.61	60.78 4.47 -16.71	55.42 4.00 -15.98	49.24 3.52 -13.15
SHOREHAM_IC_2 23716	50.72 3.03 -15.42	46.80 2.53 -13.75	43.30 2.79 -10.82	44.29 2.43 -12.92	43.16 2.46 -11.10	50.39 2.58 -13.89	59.82 6.02 -1.86	67.32 4.76 -20.10	66.14 3.93 -24.72	68.80 3.16 -31.62	68.94 2.91 -32.17	63.21 3.85 -24.65	57.89 3.99 -18.27	56.27 3.74 -16.54	55.69 3.63 -16.77	56.46 3.58 -19.42	68.47 4.49 -26.83	100.50 7.43 -34.53	78.40 7.07 -16.57	71.37 5.87 -17.78	65.15 5.66 -15.61	60.78 4.47 -16.71	55.42 4.00 -15.98	49.24 3.52 -13.15
SISSONVILLE___ 23735	31.47 -0.81 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.93 -1.01 0.00	28.60 -1.01 0.00	33.22 -0.71 0.00	51.72 -0.21 0.00	41.91 -0.55 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.55 -0.31 0.00	34.39 -0.31 0.00	35.31 -0.32 0.00	35.74 -0.25 0.00	35.00 -0.28 0.00	33.16 -0.30 0.00	36.81 -0.33 0.00	57.89 -0.64 0.00	53.84 -0.93 0.00	47.20 -0.52 0.00	43.52 -0.35 0.00	39.36 -0.24 0.00	35.27 -0.18 0.00	32.50 -0.07 0.00



SITHE_IND_GS1 24169	32.66 -0.84 -1.22	30.82 -0.79 -1.09	29.81 -0.74 -0.86	29.27 -0.69 -1.03	29.75 -0.74 -0.88	34.15 -0.88 -1.10	50.52 -1.56 -0.15	42.78 -1.14 -1.46	38.23 -1.05 -1.79	35.59 -0.88 -2.47	35.49 -0.88 -2.51	35.69 -0.94 -1.93	36.01 -0.75 -1.13	36.23 -0.79 -1.03	35.54 -0.78 -1.04	33.96 -0.70 -1.20	37.96 -0.85 -1.67	59.15 -1.34 -1.96	54.57 -1.15 -0.96	47.78 -1.05 -1.10	43.80 -0.97 -0.89	39.56 -0.87 -0.84	35.57 -0.81 -0.94	32.67 -0.72 -0.82
SITHE_IND_GS2 24170	32.66 -0.84 -1.22	30.82 -0.79 -1.09	29.81 -0.74 -0.86	29.27 -0.69 -1.03	29.75 -0.74 -0.88	34.15 -0.88 -1.10	50.52 -1.56 -0.15	42.78 -1.14 -1.46	38.23 -1.05 -1.79	35.59 -0.88 -2.47	35.49 -0.88 -2.51	35.69 -0.94 -1.93	36.01 -0.75 -1.13	36.23 -0.79 -1.03	35.54 -0.78 -1.04	33.96 -0.70 -1.20	37.96 -0.85 -1.67	59.15 -1.34 -1.96	54.57 -1.15 -0.96	47.78 -1.05 -1.10	43.80 -0.97 -0.89	39.56 -0.87 -0.84	35.57 -0.81 -0.94	32.67 -0.72 -0.82
SITHE_IND_GS3 24171	32.66 -0.84 -1.22	30.82 -0.79 -1.09	29.81 -0.74 -0.86	29.27 -0.69 -1.03	29.75 -0.74 -0.88	34.15 -0.88 -1.10	50.52 -1.56 -0.15	42.78 -1.14 -1.46	38.23 -1.05 -1.79	35.59 -0.88 -2.47	35.49 -0.88 -2.51	35.69 -0.94 -1.93	36.01 -0.75 -1.13	36.23 -0.79 -1.03	35.54 -0.78 -1.04	33.96 -0.70 -1.20	37.96 -0.85 -1.67	59.15 -1.34 -1.96	54.57 -1.15 -0.96	47.78 -1.05 -1.10	43.80 -0.97 -0.89	39.56 -0.87 -0.84	35.57 -0.81 -0.94	32.67 -0.72 -0.82
SITHE_IND_GS4 24172	32.66 -0.84 -1.22	30.82 -0.79 -1.09	29.81 -0.74 -0.86	29.27 -0.69 -1.03	29.75 -0.74 -0.88	34.15 -0.88 -1.10	50.52 -1.56 -0.15	42.78 -1.14 -1.46	38.23 -1.05 -1.79	35.59 -0.88 -2.47	35.49 -0.88 -2.51	35.69 -0.94 -1.93	36.01 -0.75 -1.13	36.23 -0.79 -1.03	35.54 -0.78 -1.04	33.96 -0.70 -1.20	37.96 -0.85 -1.67	59.15 -1.34 -1.96	54.57 -1.15 -0.96	47.78 -1.05 -1.10	43.80 -0.97 -0.89	39.56 -0.87 -0.84	35.57 -0.81 -0.94	32.67 -0.72 -0.82
SITHE___BATAVIA 24024	33.81 -0.81 -2.35	31.82 -0.79 -2.09	30.57 -0.77 -1.65	30.27 -0.64 -1.97	30.56 -0.74 -1.69	34.99 -1.05 -2.11	48.68 -3.53 -0.29	43.65 -1.87 -3.05	39.18 -2.06 -3.76	37.02 -1.67 -4.67	36.78 -1.83 -4.75	36.33 -2.01 -3.64	36.30 -1.85 -2.52	36.33 -1.94 -2.28	35.76 -1.84 -2.31	34.43 -1.71 -2.68	38.39 -2.49 -3.74	58.71 -4.21 -4.39	53.35 -3.56 -2.14	46.86 -3.34 -2.47	42.97 -2.90 -1.99	39.29 -2.18 -1.88	35.81 -1.74 -2.11	33.19 -1.20 -1.83
SITHE___INDEPEND 23800	32.66 -0.84 -1.22	30.82 -0.79 -1.09	29.81 -0.74 -0.86	29.27 -0.69 -1.03	29.75 -0.74 -0.88	34.15 -0.88 -1.10	50.52 -1.56 -0.15	42.78 -1.14 -1.46	38.23 -1.05 -1.79	35.59 -0.88 -2.47	35.49 -0.88 -2.51	35.69 -0.94 -1.93	36.01 -0.75 -1.13	36.23 -0.79 -1.03	35.54 -0.78 -1.04	33.96 -0.70 -1.20	37.96 -0.85 -1.67	59.15 -1.34 -1.96	54.57 -1.15 -0.96	47.78 -1.05 -1.10	43.80 -0.97 -0.89	39.56 -0.87 -0.84	35.57 -0.81 -0.94	32.67 -0.72 -0.82
SITHE___MASSENA 23902	31.14 -1.13 0.00	29.36 -1.16 0.00	28.54 -1.16 0.00	27.67 -1.27 0.00	28.34 -1.27 0.00	32.88 -1.05 0.00	51.05 -0.88 0.00	41.49 -0.98 0.00	36.59 -0.90 0.00	32.99 -1.02 0.00	33.04 -0.81 0.00	33.90 -0.80 0.00	34.85 -0.78 0.00	35.27 -0.72 0.00	34.54 -0.74 0.00	32.69 -0.77 0.00	36.40 -0.74 0.00	57.42 -1.11 0.00	53.40 -1.37 0.00	46.77 -0.95 0.00	43.00 -0.88 0.00	38.80 -0.79 0.00	34.81 -0.64 0.00	32.08 -0.49 0.00
SITHE___OGDNSBRG 24021	31.43 -0.84 0.00	29.60 -0.91 0.00	28.77 -0.92 0.00	27.90 -1.04 0.00	28.57 -1.04 0.00	33.25 -0.68 0.00	51.83 -0.10 0.00	42.12 -0.34 0.00	37.15 -0.34 0.00	33.50 -0.51 0.00	33.62 -0.24 0.00	34.49 -0.21 0.00	35.45 -0.18 0.00	35.89 -0.11 0.00	35.10 -0.18 0.00	33.23 -0.23 0.00	37.03 -0.11 0.00	58.41 -0.12 0.00	54.39 -0.38 0.00	47.68 -0.05 0.00	43.79 -0.09 0.00	39.43 -0.16 0.00	35.37 -0.07 0.00	32.57 0.00 0.00
SITHE___STERLING 23777	33.44 0.61 -0.56	31.53 0.52 -0.50	30.62 0.54 -0.39	29.93 0.52 -0.47	30.57 0.56 -0.40	35.11 0.68 -0.50	53.14 1.14 -0.07	45.14 1.44 -1.23	40.28 1.28 -1.52	36.94 1.09 -1.84	36.82 1.08 -1.88	37.21 1.08 -1.44	37.76 1.17 -0.95	38.01 1.15 -0.86	37.25 1.09 -0.88	35.54 1.07 -1.01	39.74 1.19 -1.41	62.23 2.05 -1.65	57.65 2.08 -0.80	50.42 1.77 -0.93	46.16 1.53 -0.75	41.49 1.19 -0.71	37.23 0.99 -0.79	34.07 0.81 -0.69
SOUTH CAIRO___GT 23612	51.31 1.90 -17.13	47.57 1.77 -15.28	43.38 1.66 -12.02	44.98 1.68 -14.36	43.69 1.75 -12.33	51.43 2.07 -15.43	57.22 3.22 -2.07	67.71 2.72 -22.53	67.70 3.86 -26.35	71.20 3.47 -33.72	71.58 3.42 -34.30	64.42 3.44 -26.29	58.60 3.49 -19.48	57.12 3.49 -17.64	56.59 3.42 -17.89	57.41 3.24 -20.71	69.99 4.23 -28.62	99.28 7.14 -33.62	77.38 6.24 -16.37	71.84 5.20 -18.91	63.82 4.74 -15.21	57.94 3.96 -14.39	55.02 3.44 -16.14	49.50 2.93 -14.00
SOUTH HAMPTN___IC 23720	53.27 5.58 -15.42	48.88 4.61 -13.75	45.41 4.90 -10.82	46.23 4.37 -12.92	45.15 4.44 -11.10	52.63 4.82 -13.89	64.44 10.64 -1.86	71.15 8.58 -20.10	69.29 7.09 -24.72	71.58 5.95 -31.62	71.71 5.69 -32.17	65.95 6.59 -24.65	60.67 6.77 -18.27	58.90 6.37 -16.54	58.26 6.21 -16.77	58.90 6.02 -19.42	71.85 7.87 -26.83	106.59 13.52 -34.53	83.66 12.32 -16.57	76.05 10.55 -17.78	69.05 9.57 -15.61	64.46 8.16 -16.71	58.30 6.88 -15.98	51.91 6.19 -13.15
SOUTHOLD___IC 23719	54.95 7.26 -15.42	50.28 6.01 -13.75	46.81 6.29 -10.82	47.50 5.64 -12.92	46.45 5.75 -11.10	54.09 6.28 -13.89	67.35 13.56 -1.86	73.56 11.00 -20.10	71.39 9.18 -24.72	73.45 7.82 -31.62	73.58 7.55 -32.17	67.82 8.46 -24.65	62.63 8.73 -18.27	60.74 8.21 -16.54	60.02 7.97 -16.77	60.68 7.80 -19.42	74.23 10.25 -26.83	110.79 17.73 -34.53	87.49 16.16 -16.57	79.39 13.89 -17.78	71.95 12.46 -15.61	67.12 10.81 -16.71	60.42 9.01 -15.98	53.89 8.17 -13.15
ST LAWRENCE____ 23600	31.08 -1.19 0.00	29.33 -1.19 0.00	28.51 -1.19 0.00	27.70 -1.24 0.00	28.34 -1.27 0.00	32.78 -1.15 0.00	50.68 -1.25 0.00	41.19 -1.27 0.00	36.36 -1.12 0.00	32.85 -1.16 0.00	32.81 -1.05 0.00	33.69 -1.01 0.00	34.63 -1.00 0.00	35.06 -0.94 0.00	34.36 -0.92 0.00	32.49 -0.97 0.00	36.18 -0.97 0.00	57.01 -1.52 0.00	53.07 -1.70 0.00	46.44 -1.29 0.00	42.69 -1.18 0.00	38.56 -1.03 0.00	34.59 -0.85 0.00	31.85 -0.72 0.00
STATION 5_MISC_HYD 23604	33.99 -0.32 -2.04	32.03 -0.31 -1.82	30.83 -0.30 -1.43	30.45 -0.20 -1.71	30.81 -0.27 -1.47	35.33 -0.44 -1.84	50.67 -1.51 -0.25	44.63 -0.47 -2.63	40.20 -0.52 -3.24	37.68 -0.34 -4.01	37.56 -0.37 -4.08	37.30 -0.52 -3.13	37.41 -0.36 -2.13	37.49 -0.43 -1.93	36.85 -0.39 -1.96	35.42 -0.30 -2.26	39.66 -0.67 -3.18	61.10 -1.17 -3.74	55.77 -0.82 -1.82	48.88 -0.95 -2.10	44.73 -0.83 -1.69	40.64 -0.55 -1.60	36.67 -0.57 -1.79	33.80 -0.33 -1.56
STEEL___WIND 323596	33.87 -1.13 -2.72	31.82 -1.13 -2.43	30.51 -1.10 -1.91	30.30 -0.93 -2.28	30.51 -1.06 -1.96	34.93 -1.46 -2.45	48.16 -4.10 -0.33	43.66 -2.34 -3.53	39.40 -2.44 -4.35	37.40 -2.04 -5.43	37.15 -2.24 -5.53	36.50 -2.43 -4.23	36.32 -2.28 -2.97	36.27 -2.41 -2.69	35.71 -2.29 -2.72	34.47 -2.14 -3.15	38.54 -2.97 -4.37	58.69 -4.98 -5.14	52.94 -4.33 -2.50	46.56 -4.06 -2.89	42.69 -3.51 -2.32	39.10 -2.69 -2.20	35.71 -2.20 -2.47	33.15 -1.56 -2.14
STEBEN_REC_LFGE 323667	35.85 0.10 -3.48	33.62 0.00 -3.10	32.14 0.00 -2.44	32.00 0.15 -2.92	32.20 0.09 -2.50	37.10 0.03 -3.13	51.88 -0.47 -0.42	47.50 0.51 -4.52	43.35 0.30 -5.57	41.32 0.31 -7.00	41.12 0.14 -7.13	40.19 0.03 -5.46	39.63 0.11 -3.89	39.55 0.04 -3.52	38.96 0.11 -3.57	37.70 0.10 -4.14	42.68 -0.11 -5.65	65.11 -0.06 -6.64	58.39 0.39 -3.23	51.51 0.05 -3.73	46.97 0.09 -3.00	42.59 0.16 -2.84	38.63 0.00 -3.19	35.50 0.16 -2.76



STONY___BROOK 24151	51.53 3.84 -15.42	47.47 3.20 -13.75	43.96 3.44 -10.82	44.87 3.01 -12.92	43.79 3.08 -11.10	51.08 3.26 -13.89	61.01 7.22 -1.86	68.26 5.69 -20.10	66.97 4.76 -24.72	69.57 3.94 -31.62	69.79 3.76 -32.17	63.93 4.58 -24.65	58.60 4.70 -18.27	56.99 4.46 -16.54	56.39 4.34 -16.77	57.13 4.25 -19.42	69.02 5.05 -26.83	101.26 8.19 -34.53	79.11 7.77 -16.57	72.14 6.63 -17.78	66.02 6.54 -15.61	61.89 5.58 -16.71	56.20 4.78 -15.98	50.02 4.30 -13.15
STURGEON_POOL_HYD 23609	50.79 2.65 -15.87	47.21 2.53 -14.16	43.18 2.35 -11.14	44.65 2.40 -13.31	43.53 2.49 -11.43	51.08 2.85 -14.30	58.62 4.77 -1.92	67.37 3.95 -20.96	66.48 3.52 -25.47	69.69 3.09 -32.59	70.06 3.05 -33.15	63.19 3.09 -25.41	57.59 3.14 -18.82	56.13 3.10 -17.04	55.56 3.00 -17.29	56.35 2.88 -20.01	68.47 3.68 -27.65	96.99 5.97 -32.48	75.85 5.26 -15.82	70.39 4.39 -18.27	62.61 4.03 -14.70	56.91 3.41 -13.91	54.05 3.01 -15.59	48.73 2.64 -13.53
SYNERGY___BIOGAS 323694	33.81 -0.81 -2.35	31.82 -0.79 -2.09	30.57 -0.77 -1.65	30.27 -0.64 -1.97	30.56 -0.74 -1.69	34.99 -1.05 -2.11	48.68 -3.53 -0.29	43.65 -1.87 -3.05	39.18 -2.06 -3.76	37.02 -1.67 -4.67	36.78 -1.83 -4.75	36.33 -2.01 -3.64	36.30 -1.85 -2.52	36.33 -1.94 -2.28	35.76 -1.84 -2.31	34.43 -1.71 -2.68	38.39 -2.49 -3.74	58.71 -4.21 -4.39	53.35 -3.56 -2.14	46.86 -3.34 -2.47	42.97 -2.90 -1.99	39.29 -2.18 -1.88	35.81 -1.74 -2.11	33.19 -1.20 -1.83
SYRACUSE___ENERGY_ST1 323597	33.85 -0.10 -1.67	31.89 -0.12 -1.49	30.75 -0.12 -1.17	30.25 -0.09 -1.40	30.72 -0.09 -1.20	35.33 -0.10 -1.50	51.87 -0.26 -0.20	45.16 0.51 -2.18	40.55 0.37 -2.69	37.67 0.44 -3.22	37.51 0.37 -3.28	37.52 0.31 -2.51	37.76 0.46 -1.67	37.94 0.43 -1.51	37.24 0.42 -1.53	35.67 0.43 -1.77	39.82 0.07 -2.61	61.83 0.24 -3.06	56.59 0.33 -1.49	49.69 0.24 -1.72	45.44 0.18 -1.38	41.02 0.12 -1.31	36.91 0.00 -1.47	33.84 0.00 -1.28
SYRACUSE___ENERGY_ST2 323598	33.85 -0.10 -1.67	31.89 -0.12 -1.49	30.75 -0.12 -1.17	30.25 -0.09 -1.40	30.72 -0.09 -1.20	35.33 -0.10 -1.50	51.87 -0.26 -0.20	45.16 0.51 -2.18	40.55 0.37 -2.69	37.67 0.44 -3.22	37.51 0.37 -3.28	37.52 0.31 -2.51	37.76 0.46 -1.67	37.94 0.43 -1.51	37.24 0.42 -1.53	35.67 0.43 -1.77	39.82 0.07 -2.61	61.83 0.24 -3.06	56.59 0.33 -1.49	49.69 0.24 -1.72	45.44 0.18 -1.38	41.02 0.12 -1.31	36.91 0.00 -1.47	33.84 0.00 -1.28
SYRACUSE___POWER 24017	33.82 -0.10 -1.65	31.86 -0.12 -1.47	30.73 -0.12 -1.15	30.23 -0.09 -1.38	30.71 -0.09 -1.18	35.31 -0.10 -1.48	51.92 -0.21 -0.20	45.01 0.30 -2.24	40.48 0.23 -2.76	37.54 0.21 -3.33	37.38 0.14 -3.39	37.40 0.10 -2.60	37.62 0.25 -1.74	37.79 0.22 -1.57	37.09 0.21 -1.60	35.54 0.24 -1.85	39.91 0.15 -2.62	61.96 0.35 -3.07	56.70 0.44 -1.50	49.79 0.34 -1.73	45.53 0.26 -1.39	41.11 0.20 -1.32	36.99 0.07 -1.48	33.85 0.00 -1.28
TRIGEN___CC 323695	50.30 2.61 -15.42	46.50 2.23 -13.75	42.89 2.38 -10.82	43.97 2.11 -12.92	42.90 2.19 -11.10	50.09 2.27 -13.89	58.47 4.68 -1.86	66.26 3.69 -20.10	65.39 3.18 -24.72	68.35 2.72 -31.62	68.74 2.71 -32.17	62.58 3.23 -24.65	57.32 3.42 -18.27	55.88 3.35 -16.54	55.33 3.28 -16.77	56.02 3.14 -19.42	67.80 3.83 -26.83	99.50 6.44 -34.53	77.08 5.75 -16.57	70.37 4.87 -17.78	64.01 4.52 -15.61	60.23 3.92 -16.71	54.86 3.44 -15.98	48.71 2.99 -13.15
UNION___PROCESSING_DRP 323587	33.42 -0.90 -2.05	31.53 -0.82 -1.83	30.34 -0.80 -1.44	29.97 -0.69 -1.72	30.32 -0.77 -1.48	34.73 -1.05 -1.85	49.63 -2.54 -0.25	43.71 -1.40 -2.64	39.35 -1.39 -3.26	36.92 -1.12 -4.03	36.74 -1.22 -4.10	36.49 -1.35 -3.14	36.56 -1.21 -2.14	36.64 -1.29 -1.94	36.01 -1.24 -1.97	34.60 -1.14 -2.28	38.71 -1.63 -3.20	59.66 -2.63 -3.76	54.41 -2.19 -1.83	47.75 -2.10 -2.12	43.74 -1.84 -1.70	39.74 -1.46 -1.61	35.90 -1.35 -1.81	33.13 -1.01 -1.57
UPPER HUDSON___HYD 24058	54.72 1.26 -21.18	50.60 1.19 -18.90	45.72 1.16 -14.87	47.86 1.16 -17.76	45.99 1.12 -15.25	54.47 1.46 -19.08	57.26 2.80 -2.53	71.32 2.80 -26.48	72.46 2.21 -32.76	77.68 1.73 -41.94	78.18 1.66 -42.67	68.61 1.21 -32.70	61.01 1.14 -24.24	59.02 1.08 -21.95	58.56 1.02 -22.26	60.23 1.00 -25.77	73.83 1.08 -35.61	102.47 2.10 -41.83	78.10 2.96 -20.37	73.74 2.48 -23.53	65.39 2.59 -18.92	59.88 2.38 -17.91	57.51 1.98 -20.08	51.72 1.72 -17.42
UPPER RAQUET___HYD 24056	31.47 -0.81 0.00	29.63 -0.89 0.00	28.77 -0.92 0.00	27.93 -1.01 0.00	28.60 -1.01 0.00	33.22 -0.71 0.00	51.72 -0.21 0.00	41.91 -0.55 0.00	36.81 -0.67 0.00	33.19 -0.82 0.00	33.55 -0.31 0.00	34.39 -0.31 0.00	35.31 -0.32 0.00	35.74 -0.25 0.00	35.00 -0.28 0.00	33.16 -0.30 0.00	36.81 -0.33 0.00	57.89 -0.64 0.00	53.84 -0.93 0.00	47.20 -0.52 0.00	43.52 -0.35 0.00	39.36 -0.24 0.00	35.27 -0.18 0.00	32.50 -0.07 0.00
VISCHER___FERRY HYD 24020	54.76 1.90 -20.59	50.68 1.80 -18.36	45.90 1.75 -14.45	47.93 1.74 -17.26	46.15 1.72 -14.82	54.48 2.00 -18.54	57.31 2.91 -2.47	70.89 2.42 -26.01	71.90 2.21 -32.20	77.20 1.97 -41.22	77.72 1.93 -41.93	68.71 1.87 -32.13	61.34 1.89 -23.82	59.43 1.87 -21.57	58.99 1.83 -21.87	60.56 1.77 -25.32	73.92 1.78 -35.00	102.63 2.98 -41.11	77.91 3.12 -20.02	73.53 2.67 -23.13	64.93 2.46 -18.60	59.53 2.34 -17.60	57.23 2.05 -19.73	51.61 1.92 -17.12
WADING RIVER_IC_1 23522	51.21 3.52 -15.42	47.17 2.90 -13.75	43.69 3.18 -10.82	44.64 2.78 -12.92	43.52 2.81 -11.10	50.77 2.95 -13.89	60.54 6.75 -1.86	67.88 5.31 -20.10	66.63 4.42 -24.72	69.23 3.60 -31.62	69.31 3.28 -32.17	63.62 4.27 -24.65	58.32 4.42 -18.27	56.70 4.17 -16.54	56.11 4.06 -16.77	56.86 3.98 -19.42	68.99 5.01 -26.83	101.37 8.31 -34.53	79.11 7.77 -16.57	71.99 6.49 -17.78	65.71 6.23 -15.61	61.33 5.03 -16.71	55.92 4.50 -15.98	49.72 4.00 -13.15
WADING RIVER_IC_2 23547	51.21 3.52 -15.42	47.17 2.90 -13.75	43.69 3.18 -10.82	44.64 2.78 -12.92	43.52 2.81 -11.10	50.77 2.95 -13.89	60.54 6.75 -1.86	67.88 5.31 -20.10	66.63 4.42 -24.72	69.23 3.60 -31.62	69.31 3.28 -32.17	63.62 4.27 -24.65	58.32 4.42 -18.27	56.70 4.17 -16.54	56.11 4.06 -16.77	56.86 3.98 -19.42	68.99 5.01 -26.83	101.37 8.31 -34.53	79.11 7.77 -16.57	71.99 6.49 -17.78	65.71 6.23 -15.61	61.33 5.03 -16.71	55.92 4.50 -15.98	49.72 4.00 -13.15
WADING RIVER_IC_3 23601	51.21 3.52 -15.42	47.17 2.90 -13.75	43.69 3.18 -10.82	44.64 2.78 -12.92	43.52 2.81 -11.10	50.77 2.95 -13.89	60.54 6.75 -1.86	67.88 5.31 -20.10	66.63 4.42 -24.72	69.23 3.60 -31.62	69.31 3.28 -32.17	63.62 4.27 -24.65	58.32 4.42 -18.27	56.70 4.17 -16.54	56.11 4.06 -16.77	56.86 3.98 -19.42	68.99 5.01 -26.83	101.37 8.31 -34.53	79.11 7.77 -16.57	71.99 6.49 -17.78	65.71 6.23 -15.61	61.33 5.03 -16.71	55.92 4.50 -15.98	49.72 4.00 -13.15
WALDEN___HYDRO 24148	49.51 2.13 -15.10	45.97 1.98 -13.47	42.20 1.90 -10.60	43.48 1.88 -12.66	42.47 1.98 -10.87	49.74 2.20 -13.60	57.60 3.84 -1.83	65.75 3.44 -19.85	65.25 3.18 -24.58	68.31 2.86 -31.44	68.65 2.81 -31.99	62.13 2.92 -24.51	56.79 2.99 -18.16	55.46 3.02 -16.44	54.92 2.96 -16.68	55.58 2.81 -19.31	67.32 3.49 -26.68	95.67 5.80 -31.34	75.07 5.04 -15.26	69.61 4.25 -17.63	61.96 3.90 -14.18	56.34 3.33 -13.42	53.40 2.91 -15.05	48.10 2.47 -13.05
WARRENSBURG____ 23737	54.59 1.13 -21.18	50.48 1.07 -18.90	45.60 1.04 -14.87	47.74 1.04 -17.76	45.87 1.01 -15.25	54.30 1.29 -19.08	57.00 2.54 -2.53	71.19 2.25 -26.48	72.35 2.10 -32.76	77.58 1.63 -41.94	78.01 1.49 -42.67	68.44 1.04 -32.70	60.80 0.92 -24.24	58.77 0.83 -21.95	58.35 0.81 -22.26	60.03 0.80 -25.77	73.61 0.85 -35.61	102.18 1.82 -41.83	77.82 2.68 -20.37	73.55 2.29 -23.53	65.21 2.41 -18.92	59.76 2.26 -17.91	57.40 1.88 -20.08	51.62 1.63 -17.42



WATERSIDE___6 8 9 23538	50.21 2.52 -15.41	46.65 2.38 -13.75	42.86 2.35 -10.82	44.12 2.26 -12.92	43.04 2.34 -11.10	50.26 2.44 -13.88	57.69 3.90 -1.86	65.96 3.40 -20.10	65.39 3.18 -24.72	68.49 2.86 -31.62	68.90 2.88 -32.17	62.37 3.02 -24.65	57.03 3.14 -18.26	55.73 3.20 -16.54	55.23 3.18 -16.77	55.85 2.98 -19.42	67.50 3.53 -26.83	95.79 5.74 -31.52	75.10 4.98 -15.35	69.66 4.20 -17.73	62.08 3.95 -14.26	56.49 3.41 -13.50	53.69 3.12 -15.13	48.46 2.77 -13.12
WDELAWARE___HYD 323627	46.48 0.81 -13.39	43.23 0.76 -11.95	39.78 0.68 -9.40	40.89 0.72 -11.23	40.02 0.77 -9.64	46.88 0.88 -12.07	55.37 1.82 -1.62	60.65 1.44 -16.74	59.30 1.28 -20.54	61.39 1.12 -26.26	61.68 1.12 -26.71	56.28 1.11 -20.47	51.90 1.11 -15.16	50.84 1.12 -13.72	50.26 1.06 -13.92	50.58 1.00 -16.12	60.90 1.49 -22.27	87.15 2.46 -26.16	69.64 2.13 -12.74	64.16 1.72 -14.71	57.24 1.53 -11.83	51.94 1.15 -11.20	48.96 0.96 -12.56	44.18 0.72 -10.89
WEST BABYLON___IC 23714	50.98 3.29 -15.42	47.05 2.78 -13.75	43.48 2.97 -10.82	44.47 2.61 -12.92	43.40 2.69 -11.10	50.67 2.85 -13.89	59.87 6.07 -1.86	67.36 4.80 -20.10	66.26 4.05 -24.72	69.00 3.37 -31.62	69.31 3.28 -32.17	63.31 3.95 -24.65	58.06 4.17 -18.27	56.53 3.99 -16.54	56.00 3.95 -16.77	56.69 3.81 -19.42	68.69 4.72 -26.83	101.02 7.96 -34.53	78.62 7.28 -16.57	71.75 6.25 -17.78	65.32 5.84 -15.61	61.33 5.03 -16.71	55.71 4.29 -15.98	49.56 3.84 -13.15
WEST CANADA___HYD 24049	32.25 0.32 0.34	30.52 0.31 0.31	29.75 0.30 0.24	28.94 0.29 0.29	29.66 0.30 0.25	33.96 0.34 0.31	52.36 0.47 0.04	42.85 0.38 0.00	37.82 0.34 0.00	34.31 0.31 0.00	34.13 0.27 0.00	34.98 0.28 0.00	35.85 0.22 0.00	36.21 0.22 0.00	35.49 0.21 0.00	33.69 0.24 0.00	37.40 0.26 0.00	58.94 0.41 0.00	55.15 0.39 0.00	48.06 0.34 0.00	44.19 0.31 0.00	39.87 0.28 0.00	35.69 0.25 0.00	32.77 0.20 0.00
WESTERN_NY_WIND 24143	33.81 -0.84 -2.37	31.81 -0.82 -2.12	30.56 -0.80 -1.67	30.29 -0.64 -1.99	30.55 -0.77 -1.71	34.98 -1.09 -2.14	48.64 -3.58 -0.29	43.65 -1.91 -3.09	39.19 -2.10 -3.81	37.01 -1.73 -4.74	36.81 -1.86 -4.82	36.34 -2.05 -3.69	36.30 -1.89 -2.56	36.29 -2.01 -2.32	35.76 -1.87 -2.35	34.44 -1.74 -2.72	38.41 -2.53 -3.79	58.71 -4.27 -4.45	53.27 -3.67 -2.17	46.80 -3.44 -2.51	42.91 -2.99 -2.01	39.24 -2.26 -1.91	35.77 -1.81 -2.14	33.22 -1.20 -1.85
WESTOVER___LESR 323668	37.64 0.23 -5.14	35.29 0.18 -4.58	33.48 0.18 -3.61	33.51 0.26 -4.31	33.54 0.24 -3.70	38.73 0.17 -4.63	52.66 0.10 -0.62	49.55 0.47 -6.62	46.02 0.37 -8.16	44.50 0.27 -10.22	44.42 0.17 -10.40	42.84 0.17 -7.97	41.67 0.25 -5.78	41.45 0.22 -5.24	40.80 0.21 -5.31	39.81 0.20 -6.15	45.74 0.15 -8.45	68.75 0.29 -9.93	60.04 0.44 -4.83	53.55 0.24 -5.58	48.63 0.26 -4.49	44.08 0.24 -4.25	40.35 0.14 -4.77	36.90 0.20 -4.13
WETHRSFD_WT_PWR 323626	34.49 -0.81 -3.02	32.42 -0.79 -2.70	31.01 -0.80 -2.12	30.84 -0.64 -2.53	31.05 -0.74 -2.18	35.60 -1.05 -2.72	49.23 -3.06 -0.37	44.77 -1.61 -3.91	40.58 -1.72 -4.82	38.57 -1.46 -6.02	38.36 -1.62 -6.13	37.63 -1.77 -4.70	37.27 -1.67 -3.32	37.23 -1.76 -3.00	36.63 -1.69 -3.04	35.41 -1.57 -3.52	39.78 -2.23 -4.87	60.57 -3.69 -5.72	54.43 -3.12 -2.79	47.94 -3.01 -3.22	43.92 -2.55 -2.59	40.06 -1.98 -2.45	36.56 -1.63 -2.75	33.84 -1.11 -2.38
YORK___WARBASSE 23770	50.43 2.74 -15.42	46.83 2.56 -13.75	43.03 2.52 -10.82	44.26 2.40 -12.92	43.19 2.49 -11.10	50.43 2.61 -13.88	57.74 3.94 -1.86	66.00 3.44 -20.10	65.43 3.22 -24.72	68.55 2.93 -31.62	68.97 2.94 -32.17	62.44 3.09 -24.65	57.10 3.21 -18.26	55.84 3.31 -16.54	55.29 3.24 -16.77	55.92 3.04 -19.42	67.54 3.57 -26.83	95.90 5.85 -31.52	75.26 5.15 -15.35	69.80 4.34 -17.73	62.30 4.17 -14.26	56.65 3.56 -13.50	53.94 3.37 -15.13	48.69 2.99 -13.12