

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/29/2021

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	50.27	48.69	45.85	43.89	47.74	53.97	59.40	65.77	61.75	60.61	59.51	66.22	55.26	51.69	49.48	50.19	54.21	120.80	76.59	52.27	53.43	47.12	45.37	46.84
24138	2.95	2.66	1.49	1.12	2.37	2.69	3.50	3.22	1.58	1.36	2.77	6.22	5.26	4.77	3.64	3.01	2.44	6.50	1.73	2.20	3.60	2.46	1.60	1.19
	-13.21	-14.21	-26.38	-28.90	-16.30	-19.04	-14.60	-27.62	-44.43	-45.78	-30.32	-1.85	-1.10	-2.90	-12.64	-18.94	-27.64	-49.03	-57.58	-26.80	-9.96	-16.77	-25.64	-32.41
74TH STREET_GT_1	50.40	48.80	45.94	43.97	47.85	54.10	59.54	65.90	61.85	60.71	59.64	66.40	55.43	51.85	49.59	50.30	54.31	121.03	76.70	52.36	53.56	47.22	45.46	46.92
24260	3.07	2.76	1.54	1.17	2.45	2.80	3.62	3.32	1.62	1.41	2.87	6.40	5.42	4.93	3.74	3.09	2.52	6.67	1.77	2.26	3.71	2.53	1.65	1.23
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
74TH STREET_GT_2	50.40	48.80	45.94	43.97	47.85	54.10	59.54	65.90	61.85	60.71	59.64	66.40	55.43	51.85	49.59	50.30	54.31	121.03	76.70	52.36	53.56	47.22	45.46	46.92
24261	3.07	2.76	1.54	1.17	2.45	2.80	3.62	3.32	1.62	1.41	2.87	6.40	5.42	4.93	3.74	3.09	2.52	6.67	1.77	2.26	3.71	2.53	1.65	1.23
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
ADK HUDSON___FALLS	55.56	54.61	57.79	57.12	54.73	61.97	65.18	77.73	80.73	78.85	68.28	59.36	52.86	48.91	53.62	56.46	66.29	141.98	102.72	63.32	56.82	53.59	55.97	60.52
24011	2.06	1.94	1.09	0.84	1.73	1.78	2.45	2.27	1.02	0.84	1.52	3.12	2.70	2.33	1.84	1.67	1.60	4.75	1.23	1.57	2.64	1.62	1.02	0.74
	-19.39	-20.86	-38.71	-42.41	-23.93	-27.95	-21.43	-40.52	-63.96	-64.55	-40.36	1.92	-1.25	-2.56	-18.58	-26.54	-40.56	-71.96	-84.21	-38.48	-14.31	-24.09	-36.81	-46.53
ADK RESOURCE___RCVRY	55.72	54.78	57.91	57.22	54.86	62.09	65.37	77.93	80.88	78.98	68.40	59.52	52.98	49.00	53.73	56.60	66.48	142.56	102.92	63.48	57.00	53.72	56.07	60.62
23798	2.20	2.09	1.17	0.90	1.83	1.87	2.62	2.43	1.09	0.88	1.57	3.27	2.82	2.42	1.92	1.77	1.76	5.26	1.33	1.69	2.81	1.72	1.09	0.80
	-19.41	-20.88	-38.75	-42.45	-23.95	-27.98	-21.45	-40.57	-64.03	-64.63	-40.41	1.90	-1.25	-2.56	-18.60	-26.57	-40.60	-72.04	-84.30	-38.52	-14.32	-24.11	-36.85	-46.58
ADK S GLENS___FALLS	55.56	54.61	57.79	57.12	54.73	61.97	65.18	77.73	80.73	78.85	68.28	59.36	52.86	48.91	53.62	56.46	66.29	141.98	102.72	63.32	56.82	53.59	55.97	60.52
24028	2.06	1.94	1.09	0.84	1.73	1.78	2.45	2.27	1.02	0.84	1.52	3.12	2.70	2.33	1.84	1.67	1.60	4.75	1.23	1.57	2.64	1.62	1.02	0.74
	-19.39	-20.86	-38.71	-42.41	-23.93	-27.95	-21.43	-40.52	-63.96	-64.55	-40.36	1.92	-1.25	-2.56	-18.58	-26.54	-40.56	-71.96	-84.21	-38.48	-14.31	-24.09	-36.81	-46.53
ADK_NYS___DAM	54.81	53.79	55.81	54.85	53.80	60.86	64.18	75.43	76.63	74.36	64.98	58.91	53.18	48.88	52.65	54.96	64.09	137.84	97.76	61.18	56.08	52.36	53.95	57.91
23527	2.47	2.37	1.42	1.09	2.22	2.33	2.73	2.38	1.07	0.93	1.80	3.89	3.20	2.94	2.37	2.11	1.83	4.90	1.27	1.71	2.75	1.81	1.18	0.89
	-18.24	-19.62	-36.41	-39.88	-22.50	-26.29	-20.15	-38.11	-59.81	-59.96	-36.76	3.13	-1.07	-1.92	-17.07	-24.60	-38.14	-67.68	-79.21	-36.21	-13.46	-22.66	-34.64	-43.78
AIR_PRODUCTS___DRP	53.28	52.24	54.44	53.61	52.24	59.28	62.60	73.71	75.63	73.91	64.98	58.74	51.95	48.17	50.80	54.01	62.66	134.45	96.00	59.80	54.66	51.20	52.85	56.80
24190	1.20	1.11	0.58	0.45	1.00	1.15	1.44	1.22	0.54	0.48	0.95	2.11	1.87	1.69	1.28	1.10	0.93	2.48	0.66	0.90	1.54	1.00	0.62	0.46
	-17.97	-19.33	-35.87	-39.30	-22.17	-25.90	-19.85	-37.55	-59.34	-59.96	-37.62	1.52	-1.17	-2.46	-16.32	-24.67	-37.60	-66.71	-78.06	-35.64	-13.25	-22.31	-34.10	-43.10
ALBANY___1	53.28	52.24	54.44	53.61	52.24	59.28	62.60	73.71	75.63	73.91	64.98	58.74	51.95	48.17	50.80	54.01	62.66	134.45	96.00	59.80	54.66	51.20	52.85	56.80
23571	1.20	1.11	0.58	0.45	1.00	1.15	1.44	1.22	0.54	0.48	0.95	2.11	1.87	1.69	1.28	1.10	0.93	2.48	0.66	0.90	1.54	1.00	0.62	0.46
	-17.97	-19.33	-35.87	-39.30	-22.17	-25.90	-19.85	-37.55	-59.34	-59.96	-37.62	1.52	-1.17	-2.46	-16.32	-24.67	-37.60	-66.71	-78.06	-35.64	-13.25	-22.31	-34.10	-43.10
ALBANY___2	53.28	52.24	54.44	53.61	52.24	59.28	62.60	73.71	75.63	73.91	64.98	58.74	51.95	48.17	50.80	54.01	62.66	134.45	96.00	59.80	54.66	51.20	52.85	56.80
23572	1.20	1.11	0.58	0.45	1.00	1.15	1.44	1.22	0.54	0.48	0.95	2.11	1.87	1.69	1.28	1.10	0.93	2.48	0.66	0.90	1.54	1.00	0.62	0.46
	-17.97	-19.33	-35.87	-39.30	-22.17	-25.90	-19.85	-37.55	-59.34	-59.96	-37.62	1.52	-1.17	-2.46	-16.32	-24.67	-37.60	-66.71	-78.06	-35.64	-13.25	-22.31	-34.10	-43.10
ALBANY___3	53.28	52.24	54.44	53.61	52.24	59.28	62.60	73.71	75.63	73.91	64.98	58.74	51.95	48.17	50.80	54.01	62.66	134.45	96.00	59.80	54.66	51.20	52.85	56.80
23573	1.20	1.11	0.58	0.45	1.00	1.15	1.44	1.22	0.54	0.48	0.95	2.11	1.87	1.69	1.28	1.10	0.93	2.48	0.66	0.90	1.54	1.00	0.62	0.46
	-17.97	-19.33	-35.87	-39.30	-22.17	-25.90	-19.85	-37.55	-59.34	-59.96	-37.62	1.52	-1.17	-2.46	-16.32	-24.67	-37.60	-66.71	-78.06	-35.64	-13.25	-22.31	-34.10	-43.10
ALBANY___4	53.28	52.24	54.44	53.61	52.24	59.28	62.60	73.71	75.63	73.91	64.98	58.74	51.95	48.17	50.80	54.01	62.66	134.45	96.00	59.80	54.66	51.20	52.85	56.80
23574	1.20	1.11	0.58	0.45	1.00	1.15	1.44	1.22	0.54	0.48	0.95	2.11	1.87	1.69	1.28	1.10	0.93	2.48	0.66	0.90	1.54	1.00	0.62	0.46
	-17.97	-19.33	-35.87	-39.30	-22.17	-25.90	-19.85	-37.55	-59.34	-59.96	-37.62	1.52	-1.17	-2.46	-16.32	-24.67	-37.60	-66.71	-78.06	-35.64	-13.25	-22.31	-34.10	-43.10



ALBANY___LFGE 323615	54.10 1.60 -18.38	53.06 1.48 -19.77	55.49 0.80 -36.70	54.69 0.61 -40.20	53.10 1.34 -22.68	60.26 1.53 -26.50	63.57 1.95 -20.31	75.03 1.68 -38.42	77.19 0.76 -60.67	75.40 0.66 -61.27	66.09 1.31 -38.37	59.31 2.85 1.69	52.56 2.46 -1.19	48.72 2.23 -2.47	51.57 1.70 -16.67	54.89 1.44 -25.20	63.81 1.23 -38.45	136.80 3.32 -68.22	97.99 0.88 -79.83	60.91 1.18 -36.46	55.43 2.01 -13.55	52.02 1.32 -22.82	53.83 0.82 -34.88	57.93 0.61 -44.08
ALCOA_RYNLDS___DRP 24188	33.17 -0.94 0.00	31.16 -0.66 0.00	17.61 -0.38 0.00	13.57 -0.30 0.00	28.46 -0.61 0.00	31.29 -0.94 0.00	40.42 -0.88 0.00	33.78 -1.15 0.00	15.12 -0.64 0.00	12.93 -0.54 0.00	25.34 -1.07 0.00	56.13 -2.03 0.00	46.88 -2.02 0.00	42.26 -1.76 0.00	2.37 -1.52 29.32	27.23 -1.02 0.00	23.21 -0.92 0.00	63.54 -1.72 0.00	16.75 -0.52 0.00	22.68 -0.59 0.00	38.89 -0.98 0.00	27.32 -0.57 0.00	17.73 -0.40 0.00	12.86 -0.38 0.00
ALCOA___DSASP 323711	33.17 -0.94 0.00	31.16 -0.66 0.00	17.61 -0.38 0.00	13.57 -0.30 0.00	28.46 -0.61 0.00	31.29 -0.94 0.00	40.42 -0.88 0.00	33.78 -1.15 0.00	15.12 -0.64 0.00	12.93 -0.54 0.00	25.34 -1.07 0.00	56.13 -2.03 0.00	46.88 -2.02 0.00	42.26 -1.76 0.00	2.37 -1.52 29.32	27.23 -1.02 0.00	23.21 -0.92 0.00	63.54 -1.72 0.00	16.75 -0.52 0.00	22.68 -0.59 0.00	38.89 -0.98 0.00	27.32 -0.57 0.00	17.73 -0.40 0.00	12.86 -0.38 0.00
ALLEGHENY___COGEN 23514	37.83 1.41 -2.31	35.51 1.21 -2.49	23.32 0.73 -4.62	19.53 0.60 -5.05	33.10 1.17 -2.85	36.99 1.42 -3.33	45.54 1.69 -2.55	41.54 1.76 -4.85	24.46 0.98 -7.73	22.13 0.79 -7.87	32.98 1.54 -5.02	61.50 3.20 -0.15	51.62 2.53 -0.19	46.34 1.93 -0.39	37.12 1.77 -2.14	32.82 1.35 -3.22	30.18 1.22 -4.83	80.40 3.29 -11.85	28.22 0.90 -10.04	28.85 0.98 -4.60	42.95 1.37 -1.71	31.57 0.80 -2.88	23.15 0.61 -4.40	19.42 0.61 -5.56
ALTONA_WT_PWR 323606	33.70 -0.41 0.00	31.54 -0.27 0.00	17.78 -0.20 0.00	13.59 -0.28 0.00	28.61 -0.46 0.00	31.90 -0.33 0.00	41.00 -0.30 0.00	34.56 -0.38 0.00	15.60 -0.15 0.00	13.35 -0.11 0.00	26.12 -0.29 0.00	57.51 -0.64 0.00	48.00 -0.90 0.00	42.97 -1.05 0.00	1.91 -0.92 30.37	27.48 -0.77 0.00	23.56 -0.56 0.00	64.47 -0.79 0.00	16.97 -0.30 0.00	22.89 -0.38 0.00	39.07 -0.80 0.00	27.32 -0.57 0.00	17.65 -0.48 0.00	12.73 -0.52 0.00
AMERICAN_REF_FUEL 24010	35.05 -1.13 -2.07	32.98 -1.06 -2.23	21.58 -0.54 -4.14	18.05 -0.36 -4.53	30.56 -1.07 -2.56	33.98 -1.24 -2.99	40.94 -2.65 -2.29	37.06 -2.21 -4.34	21.88 -0.79 -6.92	19.77 -0.74 -7.04	29.41 -1.50 -4.50	51.94 -3.55 2.66	46.08 -3.00 -0.18	41.38 -2.98 -0.34	33.12 -2.00 -1.92	29.20 -1.94 -2.89	26.89 -1.57 -4.33	62.96 -5.15 -2.85	24.96 -1.32 -9.00	25.53 -1.86 -4.13	37.86 -3.54 -1.53	27.93 -2.55 -2.58	20.80 -1.29 -3.95	17.66 -0.57 -4.99
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.49 0.11 -2.27	34.21 -0.04 -2.44	22.54 0.03 -4.53	18.99 0.15 -4.96	31.95 0.08 -2.80	35.47 -0.03 -3.27	43.11 -0.71 -2.51	39.34 -0.36 -4.76	20.03 -0.07 -4.35	7.48 -0.01 5.97	31.26 -0.08 -4.93	60.24 -0.19 -2.28	49.21 0.05 -0.25	44.19 -0.21 -0.39	35.48 0.17 -2.10	31.14 -0.28 -3.17	28.84 -0.03 -4.75	85.63 -1.55 -21.91	26.64 -0.51 -9.87	27.00 -0.79 -4.52	39.97 -1.58 -1.68	29.54 -1.18 -2.83	22.09 -0.37 -4.33	18.73 0.02 -5.47
ARTHUR_KILL_GT_1 23520	50.34 3.00 -13.23	48.80 2.76 -14.23	45.95 1.56 -26.41	43.98 1.18 -28.93	47.85 2.45 -16.32	54.11 2.81 -19.07	59.55 3.63 -14.61	65.87 3.28 -27.65	61.83 1.60 -44.48	60.67 1.36 -45.84	59.54 2.77 -30.36	66.18 6.17 -1.85	55.15 5.14 -1.10	51.56 4.64 -2.90	49.36 3.50 -12.66	50.14 2.94 -18.96	54.18 2.39 -27.67	120.66 6.30 -49.09	91.22 1.70 -72.24	52.23 2.12 -26.85	53.31 3.46 -9.98	47.06 2.38 -16.80	45.35 1.54 -25.67	46.84 1.15 -32.45
ARTHUR_KILL_2 23512	50.26 2.92 -13.23	48.71 2.68 -14.23	45.90 1.51 -26.41	43.94 1.14 -28.93	47.77 2.37 -16.32	54.01 2.71 -19.07	59.43 3.51 -14.61	65.77 3.18 -27.65	61.78 1.55 -44.48	60.63 1.33 -45.84	59.46 2.69 -30.36	66.01 6.00 -1.85	55.00 5.00 -1.10	51.44 4.52 -2.90	49.27 3.41 -12.66	50.06 2.85 -18.96	54.11 2.32 -27.67	120.47 6.11 -49.09	91.17 1.65 -72.24	52.15 2.04 -26.85	53.19 3.34 -9.98	46.98 2.30 -16.80	45.29 1.49 -25.67	46.81 1.11 -32.45
ARTHUR_KILL_3 23513	50.04 2.71 -13.22	48.47 2.45 -14.22	45.75 1.38 -26.39	43.82 1.03 -28.91	47.55 2.17 -16.31	53.76 2.47 -19.05	59.10 3.19 -14.60	65.51 2.94 -27.63	61.65 1.45 -44.45	60.52 1.25 -45.80	59.29 2.54 -30.34	65.67 5.67 -1.85	54.82 4.81 -1.10	51.30 4.39 -2.90	49.19 3.34 -12.65	49.96 2.76 -18.95	54.01 2.24 -27.65	120.25 5.93 -49.06	84.91 1.59 -66.04	52.12 2.04 -26.82	53.16 3.32 -9.97	46.94 2.27 -16.78	45.27 1.48 -25.65	46.78 1.11 -32.42
ARTHUR_KILL_COGEN 323718	50.34 3.00 -13.23	48.80 2.76 -14.23	45.95 1.56 -26.41	43.98 1.18 -28.93	47.85 2.45 -16.32	54.11 2.81 -19.07	59.55 3.63 -14.61	65.87 3.28 -27.65	61.83 1.60 -44.48	60.67 1.36 -45.84	59.54 2.77 -30.36	66.18 6.17 -1.85	55.15 5.14 -1.10	51.56 4.64 -2.90	49.36 3.50 -12.66	50.14 2.94 -18.96	54.18 2.39 -27.67	120.66 6.30 -49.09	91.22 1.70 -72.24	52.23 2.12 -26.85	53.31 3.46 -9.98	47.06 2.38 -16.80	45.35 1.54 -25.67	46.84 1.15 -32.45
ASHOKAN____ 23654	49.85 1.97 -13.77	48.38 1.76 -14.81	46.45 0.97 -27.50	44.73 0.73 -30.12	47.60 1.53 -17.00	53.91 1.82 -19.85	59.00 2.48 -15.22	66.13 2.41 -28.79	62.97 1.16 -46.06	61.66 1.02 -47.18	59.12 1.96 -30.75	63.43 4.32 -0.96	53.84 3.87 -1.07	49.98 3.30 -2.66	48.57 2.40 -12.97	49.68 1.95 -19.48	54.61 1.67 -28.81	121.24 4.85 -51.12	78.73 1.29 -60.17	53.02 1.43 -28.32	52.75 2.35 -10.53	47.16 1.55 -17.73	46.19 0.96 -27.09	48.18 0.68 -34.24
ASTORIA_EAST_ENERGY_CC1 323581	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.04 -18.96	54.08 2.29 -27.67	120.15 5.79 -49.09	76.50 1.57 -57.65	52.14 2.04 -26.83	53.43 3.59 -9.98	47.01 2.32 -16.80	45.44 1.63 -25.67	46.90 1.20 -32.45
ASTORIA_EAST_ENERGY_CC2 323582	50.36 3.03 -13.23	48.76 2.72 -14.23	45.91 1.53 -26.41	43.97 1.17 -28.93	47.82 2.42 -16.32	54.04 2.74 -19.07	59.55 3.64 -14.61	65.87 3.28 -27.65	61.82 1.60 -44.48	60.68 1.38 -45.84	59.58 2.81 -30.36	66.26 6.26 -1.85	55.37 5.37 -1.10	51.83 4.91 -2.90	49.54 3.68 -12.66	50.23 3.02 -18.96	54.08 2.29 -27.67	120.15 5.79 -49.09	76.50 1.57 -57.65	52.14 2.04 -26.83	53.43 3.59 -9.98	47.01 2.32 -16.80	45.44 1.63 -25.67	46.90 1.20 -32.45
ASTORIA_GT2_I 24094	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45



ASTORIA_GT2_2 24095	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT2_3 24096	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT2_4 24097	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT3_1 24098	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT3_2 24099	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT3_3 24100	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT3_4 24101	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT4_1 24102	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT4_2 24103	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT4_3 24104	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT4_4 24105	50.38 3.04 -13.23	48.78 2.74 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.06 2.76 -19.07	59.58 3.66 -14.61	65.88 3.30 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.30 6.30 -1.85	55.39 5.38 -1.10	51.85 4.93 -2.90	49.56 3.70 -12.66	50.25 3.05 -18.96	54.09 2.30 -27.67	120.20 5.85 -49.09	76.51 1.58 -57.65	52.16 2.05 -26.83	53.45 3.60 -9.98	47.02 2.34 -16.80	45.44 1.64 -25.67	46.90 1.21 -32.45
ASTORIA_GT_1 23523	50.43 3.10 -13.23	48.82 2.79 -14.23	45.95 1.56 -26.41	43.99 1.19 -28.93	47.88 2.48 -16.32	54.10 2.80 -19.07	59.64 3.72 -14.61	65.94 3.36 -27.65	61.86 1.63 -44.48	60.72 1.42 -45.84	59.63 2.87 -30.36	66.42 6.41 -1.85	55.49 5.48 -1.10	51.94 5.02 -2.90	49.62 3.77 -12.66	50.31 3.10 -18.96	54.14 2.34 -27.67	120.27 5.91 -49.09	76.54 1.61 -57.65	52.18 2.08 -26.83	53.52 3.67 -9.98	47.07 2.38 -16.80	45.47 1.67 -25.67	46.93 1.23 -32.45
ASTORIA_GT_10 24110	50.31 2.98 -13.23	48.73 2.69 -14.23	45.90 1.52 -26.41	43.95 1.15 -28.93	47.79 2.40 -16.32	54.00 2.70 -19.07	59.37 3.45 -14.61	65.73 3.14 -27.65	61.77 1.55 -44.48	60.65 1.35 -45.84	59.52 2.75 -30.36	66.10 6.10 -1.85	55.22 5.22 -1.10	51.65 4.73 -2.90	49.44 3.58 -12.66	50.18 2.97 -18.96	54.17 2.37 -27.67	120.53 6.18 -49.09	76.59 1.66 -57.65	52.21 2.11 -26.83	53.36 3.51 -9.98	47.06 2.38 -16.80	45.38 1.57 -25.67	46.87 1.18 -32.45
ASTORIA_GT_11 24225	50.31 2.98 -13.23	48.73 2.69 -14.23	45.90 1.52 -26.41	43.95 1.15 -28.93	47.79 2.40 -16.32	54.00 2.70 -19.07	59.37 3.45 -14.61	65.73 3.14 -27.65	61.77 1.55 -44.48	60.65 1.35 -45.84	59.52 2.75 -30.36	66.10 6.10 -1.85	55.22 5.22 -1.10	51.65 4.73 -2.90	49.44 3.58 -12.66	50.18 2.97 -18.96	54.17 2.37 -27.67	120.53 6.18 -49.09	76.59 1.66 -57.65	52.21 2.11 -26.83	53.36 3.51 -9.98	47.06 2.38 -16.80	45.38 1.57 -25.67	46.87 1.18 -32.45
ASTORIA_GT_12 24226	50.31 2.98 -13.23	48.73 2.69 -14.23	45.90 1.52 -26.41	43.95 1.15 -28.93	47.79 2.40 -16.32	54.00 2.70 -19.07	59.37 3.45 -14.61	65.73 3.14 -27.65	61.77 1.55 -44.48	60.65 1.35 -45.84	59.52 2.75 -30.36	66.10 6.10 -1.85	55.22 5.22 -1.10	51.65 4.73 -2.90	49.44 3.58 -12.66	50.18 2.97 -18.96	54.17 2.37 -27.67	120.53 6.18 -49.09	76.59 1.66 -57.65	52.21 2.11 -26.83	53.36 3.51 -9.98	47.06 2.38 -16.80	45.38 1.57 -25.67	46.87 1.18 -32.45



ASTORIA_GT_13 24227	50.31	48.73	45.90	43.95	47.79	54.00	59.37	65.73	61.77	60.65	59.52	66.10	55.22	51.65	49.44	50.18	54.17	120.53	76.59	52.21	53.36	47.06	45.38	46.87
	2.98	2.69	1.52	1.15	2.40	2.70	3.45	3.14	1.55	1.35	2.75	6.10	5.22	4.73	3.58	2.97	2.37	6.18	1.66	2.11	3.51	2.38	1.57	1.18
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
ASTORIA_GT_5 24106	50.43	48.82	45.95	43.99	47.88	54.10	59.64	65.94	61.86	60.72	59.63	66.42	55.49	51.94	49.62	50.31	54.14	120.27	76.54	52.18	53.52	47.07	45.47	46.93
	3.10	2.79	1.56	1.19	2.48	2.80	3.72	3.36	1.63	1.42	2.87	6.41	5.48	5.02	3.77	3.10	2.34	5.91	1.61	2.08	3.67	2.38	1.67	1.23
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
ASTORIA_GT_7 24107	50.43	48.82	45.95	43.99	47.88	54.10	59.64	65.94	61.86	60.72	59.63	66.42	55.49	51.94	49.62	50.31	54.14	120.27	76.54	52.18	53.52	47.07	45.47	46.93
	3.10	2.79	1.56	1.19	2.48	2.80	3.72	3.36	1.63	1.42	2.87	6.41	5.48	5.02	3.77	3.10	2.34	5.91	1.61	2.08	3.67	2.38	1.67	1.23
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
ASTORIA_GT_8 24108	50.43	48.82	45.95	43.99	47.88	54.10	59.64	65.94	61.86	60.72	59.63	66.42	55.49	51.94	49.62	50.31	54.14	120.27	76.54	52.18	53.52	47.07	45.47	46.93
	3.10	2.79	1.56	1.19	2.48	2.80	3.72	3.36	1.63	1.42	2.87	6.41	5.48	5.02	3.77	3.10	2.34	5.91	1.61	2.08	3.67	2.38	1.67	1.23
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
ASTORIA___2 24149	50.38	48.78	45.93	43.97	47.84	54.06	59.58	65.88	61.83	60.69	59.58	66.30	55.39	51.85	49.56	50.25	54.09	120.20	76.51	52.16	53.45	47.02	45.44	46.90
	3.04	2.74	1.54	1.17	2.44	2.76	3.66	3.30	1.60	1.39	2.81	6.30	5.38	4.93	3.70	3.05	2.30	5.85	1.58	2.05	3.60	2.34	1.64	1.21
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
ASTORIA___3 23516	50.31	48.73	45.90	43.95	47.79	54.00	59.37	65.73	61.77	60.65	59.52	66.10	55.22	51.65	49.44	50.18	54.17	120.53	76.59	52.21	53.36	47.06	45.38	46.87
	2.98	2.69	1.52	1.15	2.40	2.70	3.45	3.14	1.55	1.35	2.75	6.10	5.22	4.73	3.58	2.97	2.37	6.18	1.66	2.11	3.51	2.38	1.57	1.18
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
ASTORIA___4 23517	50.31	48.73	45.90	43.95	47.79	54.00	59.37	65.73	61.77	60.65	59.52	66.10	55.22	51.65	49.44	50.18	54.17	120.53	76.59	52.21	53.36	47.06	45.38	46.87
	2.98	2.69	1.52	1.15	2.40	2.70	3.45	3.14	1.55	1.35	2.75	6.10	5.22	4.73	3.58	2.97	2.37	6.18	1.66	2.11	3.51	2.38	1.57	1.18
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
ASTORIA___5 23518	50.31	48.73	45.90	43.95	47.79	54.00	59.37	65.73	61.77	60.65	59.52	66.10	55.22	51.65	49.44	50.18	54.17	120.53	76.59	52.21	53.36	47.06	45.38	46.87
	2.98	2.69	1.52	1.15	2.40	2.70	3.45	3.14	1.55	1.35	2.75	6.10	5.22	4.73	3.58	2.97	2.37	6.18	1.66	2.11	3.51	2.38	1.57	1.18
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-57.65	-26.83	-9.98	-16.80	-25.67	-32.45
AST_ENERGY_2_CC3 323677	50.14	48.57	45.79	43.85	47.63	53.84	59.21	65.59	61.69	60.56	59.37	65.88	54.99	51.46	49.30	50.04	54.07	120.39	76.51	52.14	53.24	46.98	45.30	46.80
	2.82	2.53	1.42	1.07	2.24	2.56	3.30	3.03	1.49	1.29	2.62	5.87	4.98	4.54	3.45	2.84	2.30	6.07	1.62	2.06	3.40	2.31	1.52	1.13
	-13.22	-14.22	-26.39	-28.91	-16.31	-19.05	-14.60	-27.63	-44.45	-45.80	-30.34	-1.85	-1.10	-2.90	-12.65	-18.95	-27.65	-49.06	-57.61	-26.82	-9.97	-16.78	-25.65	-32.42
AST_ENERGY_2_CC4 323678	50.14	48.57	45.79	43.85	47.63	53.84	59.21	65.59	61.69	60.56	59.37	65.88	54.99	51.46	49.30	50.04	54.07	120.39	76.51	52.14	53.24	46.98	45.30	46.80
	2.82	2.53	1.42	1.07	2.24	2.56	3.30	3.03	1.49	1.29	2.62	5.87	4.98	4.54	3.45	2.84	2.30	6.07	1.62	2.06	3.40	2.31	1.52	1.13
	-13.22	-14.22	-26.39	-28.91	-16.31	-19.05	-14.60	-27.63	-44.45	-45.80	-30.34	-1.85	-1.10	-2.90	-12.65	-18.95	-27.65	-49.06	-57.61	-26.82	-9.97	-16.78	-25.65	-32.42
ATHENS_STG_1 23668	50.78	49.50	48.92	47.48	48.99	55.44	59.82	68.14	66.80	65.45	60.91	61.65	52.67	49.09	49.07	50.90	56.88	124.30	83.51	54.05	52.91	47.81	47.37	49.73
	1.59	1.47	0.83	0.63	1.31	1.47	1.85	1.69	0.78	0.68	1.38	3.06	2.65	2.38	1.80	1.49	1.21	3.07	0.84	1.17	2.03	1.39	0.90	0.67
	-15.08	-16.22	-30.11	-32.98	-18.61	-21.74	-16.66	-31.52	-50.26	-51.31	-33.11	-0.44	-1.12	-2.69	-14.07	-21.16	-31.54	-55.97	-65.39	-29.62	-11.01	-18.54	-28.33	-35.81
ATHENS_STG_2 23670	50.78	49.50	48.92	47.48	48.99	55.44	59.82	68.14	66.80	65.45	60.91	61.65	52.67	49.09	49.07	50.90	56.88	124.30	83.51	54.05	52.91	47.81	47.37	49.73
	1.59	1.47	0.83	0.63	1.31	1.47	1.85	1.69	0.78	0.68	1.38	3.06	2.65	2.38	1.80	1.49	1.21	3.07	0.84	1.17	2.03	1.39	0.90	0.67
	-15.08	-16.22	-30.11	-32.98	-18.61	-21.74	-16.66	-31.52	-50.26	-51.31	-33.11	-0.44	-1.12	-2.69	-14.07	-21.16	-31.54	-55.97	-65.39	-29.62	-11.01	-18.54	-28.33	-35.81
ATHENS_STG_3 23677	50.78	49.50	48.92	47.48	48.99	55.44	59.82	68.14	66.80	65.45	60.91	61.65	52.67	49.09	49.07	50.90	56.88	124.30	83.51	54.05	52.91	47.81	47.37	49.73
	1.59	1.47	0.83	0.63	1.31	1.47	1.85	1.69	0.78	0.68	1.38	3.06	2.65	2.38	1.80	1.49	1.21	3.07	0.84	1.17	2.03	1.39	0.90	0.67
	-15.08	-16.22	-30.11	-32.98	-18.61	-21.74	-16.66	-31.52	-50.26	-51.31	-33.11	-0.44	-1.12	-2.69	-14.07	-21.16	-31.54	-55.97	-65.39	-29.62	-11.01	-18.54	-28.33	-35.81
AUBURN___LFGE 323710	36.43	34.20	21.62	17.80	31.56	35.18	43.86	39.40	21.82	19.54	30.69	59.42	49.98	45.15	35.53	31.22	28.26	73.06	25.04	27.06	41.87	30.35	21.67	17.58
	0.61	0.55	0.22	0.19	0.37	0.49	0.67	0.90	0.41	0.31	0.58	1.27	0.96	0.85	0.74	0.59	0.56	1.45	0.33	0.38	0.74	0.33	0.28	0.22
	-1.71	-1.84	-3.41	-3.74	-2.11	-2.46	-1.89	-3.56	-5.66	-5.76	-3.70	0.00	-0.12	-0.29	-1.58	-2.39	-3.57	-6.34	-7.43	-3.41	-1.27	-2.13	-3.26	-4.12
BABYLON_RES_REC 323704	51.12	49.22	46.25	44.27	48.24	54.59	60.19	66.40	62.14	60.95	63.95	67.47	56.42	52.60	50.05	50.71	54.58	121.60	77.01	52.72	53.92	47.72	45.76	47.22
	3.76	3.16	1.82	1.43	2.83	3.27	4.25	3.78	1.85	1.59	3.43	7.46	6.41	5.68	4.17	3.48	2.75	7.18	2.00	2.58	4.06	3.01	1.92	1.48
	-13.24	-14.25	-26.44	-28.97	-16.34	-19.09	-14.63	-27.69	-44.53	-45.90	-34.11	-1.86	-1.11	-2.90	-12.68	-18.99	-27.71	-49.15	-57.73	-26.88	-9.99	-16.82	-25.71	-32.50



BARRETT_IC_1 23704	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_10 23701	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_11 23702	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_12 23703	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_2 23705	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_3 23706	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_4 23707	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_5 23708	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_6 23709	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_7 23710	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_8 23711	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT_IC_9 23700	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT__1 23545	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BARRETT__2 23546	50.62 3.27 -13.24	48.85 2.79 -14.25	46.02 1.59 -26.44	44.08 1.24 -28.97	47.90 2.48 -16.34	54.21 2.88 -19.09	59.70 3.76 -14.63	65.91 3.30 -27.69	61.88 1.59 -44.53	60.76 1.40 -45.90	63.77 3.04 -34.31	66.62 6.60 -1.86	55.68 5.67 -1.11	51.97 5.05 -2.90	49.67 3.79 -12.68	50.36 3.13 -18.99	54.28 2.45 -27.71	120.59 6.18 -49.15	76.74 1.73 -57.73	52.38 2.23 -26.88	53.44 3.57 -9.99	47.37 2.66 -16.82	45.55 1.70 -25.71	47.04 1.29 -32.50
BAYONEEC__CTG1 323682	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -19.01	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42



BAYONEEC___CTG10 323750	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BAYONEEC___CTG2 323683	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BAYONEEC___CTG3 323684	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BAYONEEC___CTG4 323685	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BAYONEEC___CTG5 323686	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BAYONEEC___CTG6 323687	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BAYONEEC___CTG7 323688	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BAYONEEC___CTG8 323689	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BAYONEEC___CTG9 323749	50.13 2.80 -13.22	48.56 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.85 2.56 -19.05	59.20 3.29 -14.60	65.59 3.02 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	54.98 4.97 -1.10	51.44 4.52 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.08 2.31 -27.65	120.43 6.11 -49.06	76.52 1.63 -57.61	52.16 2.08 -26.82	53.25 3.41 -9.97	47.00 2.33 -16.78	45.31 1.52 -25.65	46.80 1.13 -32.42
BEACON___LESR 323632	54.05 1.96 -17.98	52.87 1.72 -19.34	54.83 0.95 -35.90	53.96 0.76 -39.32	52.84 1.58 -22.19	59.96 1.81 -25.92	63.54 2.37 -19.87	74.63 2.12 -37.58	76.08 0.96 -59.36	74.26 0.83 -59.96	65.61 1.62 -37.58	60.15 3.60 1.60	53.24 3.17 -1.17	49.23 2.77 -2.44	51.63 2.11 -16.31	54.69 1.79 -24.66	63.34 1.60 -37.62	136.23 4.22 -66.74	96.49 1.12 -78.10	60.40 1.47 -35.66	55.72 2.59 -13.26	51.84 1.63 -22.32	53.33 1.08 -34.12	57.15 0.78 -43.12
BEAVER RIVER___HYD 24048	33.46 -0.65 0.00	31.25 -0.56 0.00	17.62 -0.36 0.00	13.64 -0.23 0.00	28.62 -0.46 0.00	31.82 -0.42 0.00	41.31 0.00 0.00	34.99 0.05 0.00	15.68 -0.07 0.00	13.24 -0.22 0.00	25.86 -0.55 0.00	56.66 -1.49 0.00	47.70 -1.20 0.00	43.22 -0.80 0.00	24.06 -0.73 8.41	27.81 -0.44 0.00	23.87 -0.25 0.00	65.06 -0.21 0.00	17.14 -0.13 0.00	23.24 -0.03 0.00	39.81 -0.06 0.00	27.81 -0.08 0.00	17.96 -0.18 0.00	13.11 -0.13 0.00
BEEBEE_GT_13 23619	35.93 0.26 -1.56	33.69 0.19 -1.68	21.26 0.16 -3.12	17.44 0.15 -3.42	31.22 0.22 -1.93	34.77 0.29 -2.25	43.05 0.02 -1.73	38.35 0.15 -3.26	21.14 0.19 -5.20	18.89 0.12 -5.30	30.04 0.23 -3.40	58.53 0.37 0.00	49.27 0.25 -0.11	44.24 -0.05 -0.26	34.82 0.17 -1.45	30.48 0.06 -2.18	27.49 0.11 -3.26	70.15 -0.04 -4.92	24.09 0.03 -6.78	26.34 -0.03 -3.11	40.78 -0.25 -1.16	29.56 -0.27 -1.95	21.05 -0.06 -2.97	17.10 0.10 -3.76
BETHLEHEM___GRP 23843	53.28 1.20 -17.97	52.24 1.11 -19.33	54.44 0.58 -35.87	53.61 0.45 -39.30	52.24 1.00 -22.17	59.28 1.15 -25.90	62.60 1.44 -19.85	73.71 1.22 -37.55	75.63 0.54 -59.34	73.91 0.48 -59.96	64.98 0.95 -37.62	58.74 2.11 1.52	51.95 1.87 -1.17	48.17 1.69 -2.46	50.80 1.28 -16.32	54.01 1.10 -24.67	62.66 0.93 -37.60	134.45 2.48 -66.71	96.00 0.66 -78.06	59.80 0.90 -35.64	54.66 1.54 -13.25	51.20 1.00 -22.31	52.85 0.62 -34.10	56.80 0.46 -43.10
BETHLEHEM___GS1 323560	53.28 1.20 -17.97	52.24 1.11 -19.33	54.44 0.58 -35.87	53.61 0.45 -39.30	52.24 1.00 -22.17	59.28 1.15 -25.90	62.60 1.44 -19.85	73.71 1.22 -37.55	75.63 0.54 -59.34	73.91 0.48 -59.96	64.98 0.95 -37.62	58.74 2.11 1.52	51.95 1.87 -1.17	48.17 1.69 -2.46	50.80 1.28 -16.32	54.01 1.10 -24.67	62.66 0.93 -37.60	134.45 2.48 -66.71	96.00 0.66 -78.06	59.80 0.90 -35.64	54.66 1.54 -13.25	51.20 1.00 -22.31	52.85 0.62 -34.10	56.80 0.46 -43.10
BETHLEHEM___GS2 323561	53.28 1.20 -17.97	52.24 1.11 -19.33	54.44 0.58 -35.87	53.61 0.45 -39.30	52.24 1.00 -22.17	59.28 1.15 -25.90	62.60 1.44 -19.85	73.71 1.22 -37.55	75.63 0.54 -59.34	73.91 0.48 -59.96	64.98 0.95 -37.62	58.74 2.11 1.52	51.95 1.87 -1.17	48.17 1.69 -2.46	50.80 1.28 -16.32	54.01 1.10 -24.67	62.66 0.93 -37.60	134.45 2.48 -66.71	96.00 0.66 -78.06	59.80 0.90 -35.64	54.66 1.54 -13.25	51.20 1.00 -22.31	52.85 0.62 -34.10	56.80 0.46 -43.10



BETHLEHEM___GS3 323562	53.28 1.20 -17.97	52.24 1.11 -19.33	54.44 0.58 -35.87	53.61 0.45 -39.30	52.24 1.00 -22.17	59.28 1.15 -25.90	62.60 1.44 -19.85	73.71 1.22 -37.55	75.63 0.54 -59.34	73.91 0.48 -59.96	64.98 0.95 -37.62	58.74 2.11 1.52	51.95 1.87 -1.17	48.17 1.69 -2.46	50.80 1.28 -16.32	54.01 1.10 -24.67	62.66 0.93 -37.60	134.45 2.48 -66.71	96.00 0.66 -78.06	59.80 0.90 -35.64	54.66 1.54 -13.25	51.20 1.00 -22.31	52.85 0.62 -34.10	56.80 0.46 -43.10
BETHLEHEM___STEEL 23779	36.25 -0.05 -2.19	34.09 -0.08 -2.36	22.41 0.06 -4.37	18.76 0.10 -4.79	31.73 -0.05 -2.70	35.28 -0.11 -3.16	42.69 -1.04 -2.42	38.85 -0.68 -4.60	22.80 -0.12 -7.16	20.08 -0.14 -6.76	30.85 -0.33 -4.76	59.92 -0.86 -2.63	48.43 -0.74 -0.27	43.42 -0.98 -0.37	34.78 -0.45 -2.03	30.59 -0.71 -3.06	28.18 -0.53 -4.58	85.60 -2.12 -22.45	26.25 -0.55 -9.52	26.75 -0.88 -4.36	39.70 -1.79 -1.62	29.29 -1.33 -2.73	21.78 -0.53 -4.17	18.48 -0.04 -5.28
BETHPAGE_CC_5 323564	50.98 3.63 -13.24	49.13 3.07 -14.25	46.18 1.76 -26.44	44.22 1.38 -28.97	48.16 2.75 -16.34	54.43 3.10 -19.09	59.95 4.02 -14.63	66.16 3.54 -27.69	62.00 1.72 -44.53	60.85 1.49 -45.90	63.62 3.18 -34.03	66.96 6.95 -1.86	56.00 5.99 -1.11	52.23 5.30 -2.90	49.81 3.94 -12.68	50.49 3.26 -18.99	54.37 2.54 -27.71	120.97 6.55 -49.15	76.82 1.82 -57.73	52.49 2.35 -26.88	53.57 3.70 -9.99	47.52 2.81 -16.82	45.65 1.80 -25.71	47.17 1.43 -32.50
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.52 0.20 -2.21	34.32 0.13 -2.38	22.56 0.17 -4.41	18.89 0.18 -4.83	31.94 0.14 -2.72	35.53 0.11 -3.18	43.05 -0.69 -2.44	39.22 -0.34 -4.63	23.17 0.04 -7.38	20.97 -0.01 -7.52	31.16 -0.05 -4.80	60.79 -0.22 -2.86	48.98 -0.19 -0.26	43.91 -0.49 -0.38	35.16 -0.09 -2.05	30.92 -0.41 -3.08	28.47 -0.27 -4.62	86.43 -1.39 -22.55	26.51 -0.36 -9.60	27.04 -0.63 -4.40	40.13 -1.37 -1.64	29.60 -1.04 -2.75	21.98 -0.36 -4.21	18.64 0.08 -5.32
BINGHAMTON___COGEN 23790	39.15 0.66 -4.38	37.11 0.58 -4.71	27.06 0.33 -8.75	23.73 0.27 -9.58	35.00 0.52 -5.41	39.19 0.64 -6.32	46.97 0.82 -4.84	45.04 0.90 -9.21	30.89 0.45 -14.69	28.80 0.38 -14.95	36.70 0.77 -9.52	59.80 1.65 0.00	50.60 1.38 -0.32	45.82 1.06 -0.74	38.14 0.87 -4.06	35.03 0.66 -6.12	33.89 0.60 -9.17	84.41 1.58 -17.57	36.76 0.43 -19.04	32.52 0.52 -8.73	43.96 0.85 -3.25	33.86 0.50 -5.47	26.85 0.36 -8.35	24.12 0.31 -10.56
BLACK RIVER___HYD 24047	33.70 -0.97 -0.56	31.56 -0.85 -0.60	18.53 -0.56 -1.11	14.75 -0.35 -1.22	29.05 -0.71 -0.69	32.42 -0.61 -0.80	41.75 -0.16 -0.61	36.09 0.02 -1.14	17.43 -0.13 -1.81	14.95 -0.35 -1.84	26.78 -0.83 -1.20	55.85 -2.30 0.00	47.32 -1.63 -0.04	43.19 -0.93 -0.09	27.07 -0.85 5.28	28.50 -0.52 -0.77	25.06 -0.22 -1.16	66.92 -0.41 -2.07	19.43 -0.27 -2.42	24.24 -0.14 -1.11	40.13 -0.16 -0.41	28.42 -0.16 -0.69	18.88 -0.32 -1.06	14.40 -0.18 -1.34
BLISS_WT_PWR 323608	36.21 -0.20 -2.30	33.92 -0.36 -2.47	22.47 -0.10 -4.59	18.92 0.02 -5.02	31.78 -0.12 -2.84	35.48 -0.07 -3.31	43.16 -0.68 -2.54	39.80 0.05 -4.82	24.06 0.14 -8.16	23.38 0.07 -9.85	31.30 -0.11 -4.99	60.38 -0.19 -2.42	48.78 -0.38 -0.25	44.21 -0.20 -0.39	35.72 0.39 -2.13	31.13 -0.32 -3.21	28.33 -0.60 -4.80	85.54 -0.52 -20.79	26.85 -0.42 -9.98	26.71 -1.13 -4.58	39.56 -2.01 -1.70	29.31 -1.44 -2.86	21.88 -0.63 -4.38	18.81 0.03 -5.53
BLUE_CIRC_CHEM_DRP 24182	51.80 1.57 -16.13	50.64 1.49 -17.34	51.00 0.83 -32.19	49.78 0.64 -35.27	50.33 1.36 -19.90	56.99 1.51 -23.24	60.99 1.87 -17.82	70.21 1.57 -33.71	70.04 0.67 -53.62	68.64 0.58 -54.59	62.54 1.14 -34.99	60.60 2.45 0.00	52.25 2.18 -1.16	48.70 1.97 -2.71	49.63 1.48 -14.94	52.05 1.29 -22.51	58.99 1.14 -33.73	128.07 2.95 -59.85	88.19 0.79 -70.13	56.59 1.10 -32.23	53.75 1.90 -11.98	49.35 1.29 -20.17	49.81 0.84 -30.83	52.85 0.63 -38.97
BOC_GAS_DRP 24189	53.14 1.44 -17.59	52.06 1.34 -18.92	53.84 0.74 -35.12	52.91 0.57 -38.47	51.98 1.20 -21.71	58.93 1.34 -25.36	62.41 1.68 -19.43	73.19 1.50 -36.76	74.63 0.68 -58.20	72.99 0.59 -58.94	64.80 1.19 -37.20	59.67 2.60 1.07	52.35 2.26 -1.18	48.62 2.04 -2.56	50.83 1.56 -16.07	53.81 1.30 -24.26	62.01 1.09 -36.80	133.40 2.84 -65.29	94.43 0.76 -76.39	59.16 1.04 -34.86	54.62 1.79 -12.96	50.91 1.20 -21.82	52.25 0.77 -33.35	55.97 0.58 -42.15
BORALEX_4TH_BRANCH 23824	54.81 2.47 -18.24	53.79 2.37 -19.62	55.81 1.42 -36.41	54.85 1.09 -39.88	53.80 2.22 -22.50	60.86 2.33 -26.29	64.18 2.73 -20.15	75.43 2.38 -38.11	76.63 1.07 -59.81	74.36 0.93 -59.96	64.98 1.80 -36.76	58.91 3.89 3.13	53.18 3.20 -1.07	48.88 2.94 -1.92	52.65 2.37 -17.07	54.96 2.11 -24.60	64.09 1.83 -38.14	137.84 4.90 -67.68	97.76 1.27 -79.21	61.18 1.71 -36.21	56.08 2.75 -13.46	52.36 1.81 -22.66	53.95 1.18 -34.64	57.91 0.89 -43.78
BOWLINE___1 23526	48.64 2.35 -12.18	47.02 2.12 -13.10	43.49 1.19 -24.32	41.43 0.91 -26.64	46.01 1.91 -15.03	51.99 2.20 -17.56	57.64 2.88 -13.46	63.03 2.64 -25.46	57.93 1.25 -40.93	56.68 1.06 -42.15	56.43 2.16 -27.86	64.54 4.80 -1.59	53.92 4.01 -1.01	50.33 3.68 -2.63	47.66 2.83 -11.63	48.03 2.36 -17.43	51.54 1.94 -25.48	115.72 5.25 -45.21	71.82 1.40 -53.14	49.86 1.75 -24.84	51.92 2.82 -9.23	45.33 1.90 -15.55	43.13 1.23 -23.76	44.22 0.94 -30.04
BOWLINE___2 23595	48.63 2.34 -12.18	47.02 2.11 -13.10	43.49 1.18 -24.32	41.42 0.91 -26.64	46.01 1.90 -15.03	51.98 2.18 -17.56	57.62 2.86 -13.46	63.02 2.62 -25.47	57.93 1.24 -40.94	56.68 1.06 -42.15	56.42 2.15 -27.86	64.51 4.77 -1.59	53.90 3.99 -1.01	50.32 3.67 -2.63	47.65 2.82 -11.63	48.03 2.35 -17.43	51.53 1.93 -25.48	115.68 5.20 -45.21	71.82 1.39 -53.14	49.85 1.74 -24.84	51.91 2.81 -9.24	45.32 1.88 -15.55	43.13 1.22 -23.77	44.22 0.93 -30.04
BROOKHAVEN___DRP 24191	51.34 3.99 -13.24	49.40 3.35 -14.25	46.36 1.94 -26.44	44.38 1.54 -28.97	48.40 2.99 -16.34	54.80 3.48 -19.09	60.47 4.53 -14.63	66.64 4.02 -27.69	62.24 1.95 -44.53	61.03 1.66 -45.90	64.31 3.67 -34.22	67.95 7.94 -1.86	56.86 6.86 -1.11	52.85 5.92 -2.90	50.06 4.19 -12.68	50.79 3.55 -18.99	54.61 2.79 -27.71	121.96 7.54 -49.15	77.11 2.11 -57.73	52.87 2.72 -26.88	54.12 4.26 -9.99	47.91 3.20 -16.82	45.89 2.04 -25.71	47.31 1.56 -32.50
BROOKLYN_NAVY_YARD 23515	50.10 2.77 -13.22	48.53 2.50 -14.22	45.77 1.40 -26.39	43.84 1.06 -28.91	47.61 2.22 -16.31	53.82 2.53 -19.05	59.19 3.28 -14.60	65.59 3.02 -27.63	61.68 1.49 -44.45	60.56 1.29 -45.80	59.34 2.59 -30.34	65.80 5.79 -1.85	54.93 4.93 -1.10	51.41 4.49 -2.90	49.26 3.41 -12.65	49.99 2.80 -18.95	54.02 2.26 -27.64	120.29 5.98 -49.05	76.48 1.60 -57.61	52.10 2.03 -26.81	53.20 3.36 -9.97	46.94 2.27 -16.78	45.29 1.50 -25.65	46.78 1.12 -32.42
BROOKLYN___ARMY_DRP 323595	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45



BROOME_2_LFGE 323671	39.15 0.66 -4.38	37.11 0.58 -4.71	27.06 0.33 -8.75	23.73 0.27 -9.58	35.00 0.52 -5.41	39.19 0.64 -6.32	46.97 0.82 -4.84	45.04 0.90 -9.21	30.89 0.45 -14.69	28.80 0.38 -14.95	36.70 0.77 -9.52	59.80 1.65 0.00	50.60 1.38 -0.32	45.82 1.06 -0.74	38.14 0.87 -4.06	35.03 0.66 -6.12	33.89 0.60 -9.17	84.41 1.58 -17.57	36.76 0.43 -19.04	32.52 0.52 -8.73	43.96 0.85 -3.25	33.86 0.50 -5.47	26.85 0.36 -8.35	24.12 0.31 -10.56
BROOME___LFGE 323600	39.15 0.66 -4.38	37.11 0.58 -4.71	27.06 0.33 -8.75	23.73 0.27 -9.58	35.00 0.52 -5.41	39.19 0.64 -6.32	46.97 0.82 -4.84	45.04 0.90 -9.21	30.89 0.45 -14.69	28.80 0.38 -14.95	36.70 0.77 -9.52	59.80 1.65 0.00	50.60 1.38 -0.32	45.82 1.06 -0.74	38.14 0.87 -4.06	35.03 0.66 -6.12	33.89 0.60 -9.17	84.41 1.58 -17.57	36.76 0.43 -19.04	32.52 0.52 -8.73	43.96 0.85 -3.25	33.86 0.50 -5.47	26.85 0.36 -8.35	24.12 0.31 -10.56
BURROWS___LYONSDAL 23803	34.21 0.10 0.00	31.91 0.10 0.00	18.02 0.03 0.00	13.92 0.05 0.00	29.20 0.13 0.00	32.48 0.24 0.00	41.98 0.67 0.00	35.60 0.67 0.00	16.02 0.27 0.00	13.60 0.13 0.00	26.60 0.19 0.00	58.33 0.18 0.00	49.06 0.16 0.00	44.33 0.31 0.00	29.90 0.13 3.44	28.43 0.19 0.00	24.37 0.24 0.00	66.25 0.99 0.00	17.49 0.22 0.00	23.62 0.36 0.00	40.43 0.55 0.00	28.23 0.34 0.00	18.29 0.15 0.00	13.36 0.11 0.00
CAITHNESS_CC_1 323624	51.25 3.89 -13.24	49.32 3.27 -14.25	46.32 1.90 -26.44	44.34 1.50 -28.97	48.33 2.91 -16.34	54.71 3.39 -19.09	60.35 4.41 -14.63	66.53 3.91 -27.69	62.19 1.90 -44.53	60.99 1.63 -45.90	64.22 3.59 -34.22	67.75 7.73 -1.86	56.71 6.70 -1.11	52.73 5.81 -2.90	50.01 4.13 -12.68	50.73 3.49 -18.99	54.56 2.73 -27.71	121.73 7.31 -49.15	77.05 2.04 -57.73	52.78 2.64 -26.88	53.99 4.13 -9.99	47.82 3.11 -16.82	45.83 1.99 -25.71	47.27 1.53 -32.50
CALPINE BETH_PAGE_GT4 24209	50.93 3.58 -13.24	49.09 3.03 -14.25	46.16 1.74 -26.44	44.20 1.36 -28.97	48.13 2.71 -16.34	54.42 3.10 -19.09	59.92 3.98 -14.63	66.14 3.52 -27.69	61.99 1.71 -44.53	60.84 1.48 -45.90	63.51 3.15 -33.94	66.91 6.90 -1.86	55.94 5.94 -1.11	52.20 5.28 -2.90	49.79 3.92 -12.68	50.48 3.24 -18.99	54.32 2.49 -27.71	120.87 6.45 -49.15	76.80 1.79 -57.73	52.45 2.30 -26.88	53.51 3.64 -9.99	47.51 2.80 -16.82	45.66 1.81 -25.71	47.15 1.41 -32.50
CALPINE_BETH_PAGE_GT_4 323586	50.93 3.58 -13.24	49.09 3.03 -14.25	46.16 1.74 -26.44	44.20 1.36 -28.97	48.13 2.71 -16.34	54.42 3.10 -19.09	59.92 3.98 -14.63	66.14 3.52 -27.69	61.99 1.71 -44.53	60.84 1.48 -45.90	63.51 3.15 -33.94	66.91 6.90 -1.86	55.94 5.94 -1.11	52.20 5.28 -2.90	49.79 3.92 -12.68	50.48 3.24 -18.99	54.32 2.49 -27.71	120.87 6.45 -49.15	76.80 1.79 -57.73	52.45 2.30 -26.88	53.51 3.64 -9.99	47.51 2.80 -16.82	45.66 1.81 -25.71	47.15 1.41 -32.50
CALPINE_BP_GT1 23823	50.93 3.58 -13.24	49.09 3.03 -14.25	46.16 1.74 -26.44	44.20 1.36 -28.97	48.13 2.71 -16.34	54.42 3.10 -19.09	59.92 3.98 -14.63	66.14 3.52 -27.69	61.99 1.71 -44.53	60.84 1.48 -45.90	63.51 3.15 -33.94	66.91 6.90 -1.86	55.94 5.94 -1.11	52.20 5.28 -2.90	49.79 3.92 -12.68	50.48 3.24 -18.99	54.32 2.49 -27.71	120.87 6.45 -49.15	76.80 1.79 -57.73	52.45 2.30 -26.88	53.51 3.64 -9.99	47.51 2.80 -16.82	45.66 1.81 -25.71	47.15 1.41 -32.50
CALSPAN___DRP 24200	36.25 -0.05 -2.19	34.09 -0.08 -2.36	22.41 0.06 -4.37	18.76 0.10 -4.79	31.73 -0.05 -2.70	35.28 -0.11 -3.16	42.69 -1.04 -2.42	38.85 -0.68 -4.60	22.80 -0.12 -7.16	20.08 -0.14 -6.76	30.85 -0.33 -4.76	59.92 -0.86 -2.63	48.43 -0.74 -0.27	43.42 -0.98 -0.37	34.78 -0.45 -2.03	30.59 -0.71 -3.06	28.18 -0.53 -4.58	85.60 -2.12 -22.45	26.25 -0.55 -9.52	26.75 -0.88 -4.36	39.70 -1.79 -1.62	29.29 -1.33 -2.73	21.78 -0.53 -4.17	18.48 -0.04 -5.28
CANDIGU_WT_PWR 323617	37.29 0.14 -3.04	35.13 0.06 -3.27	24.11 0.06 -6.06	20.62 0.10 -6.64	32.92 0.09 -3.75	36.75 0.14 -4.38	44.53 -0.13 -3.36	41.54 0.22 -6.38	26.13 0.20 -10.18	23.97 0.14 -10.36	33.27 0.26 -6.60	59.38 0.47 -0.76	49.47 0.31 -0.25	44.57 0.04 -0.51	36.40 0.39 -2.82	32.57 0.08 -4.24	30.56 0.08 -6.35	83.64 0.00 -18.37	30.54 0.06 -13.19	29.16 -0.16 -6.05	41.58 -0.54 -2.25	31.20 -0.48 -3.79	23.76 -0.16 -5.79	20.63 0.07 -7.31
CARR STREET_E_SYR 24060	35.30 -0.03 -1.22	33.06 -0.06 -1.31	20.39 -0.03 -2.43	16.53 -0.01 -2.67	30.53 -0.05 -1.50	34.00 0.01 -1.76	42.69 0.04 -1.35	37.57 0.15 -2.48	19.72 0.10 -3.87	17.48 0.07 -3.94	29.16 0.12 -2.63	58.37 0.22 0.00	49.22 0.23 -0.09	44.36 0.13 -0.20	34.47 0.14 -1.13	30.04 0.09 -1.70	26.77 0.09 -2.55	69.98 0.19 -4.52	22.63 0.06 -5.30	25.73 0.04 -2.43	40.79 0.01 -0.90	29.36 -0.05 -1.52	20.44 -0.02 -2.32	16.20 0.02 -2.94
CARTHAGE___PAPER 23857	33.84 -0.73 -0.45	31.67 -0.63 -0.49	18.47 -0.42 -0.90	14.60 -0.26 -0.99	29.12 -0.51 -0.56	32.45 -0.44 -0.65	41.87 0.06 -0.50	36.02 0.16 -0.93	17.18 -0.05 -1.47	14.72 -0.25 -1.50	26.74 -0.65 -0.98	56.34 -1.81 0.00	47.54 -1.40 -0.03	43.23 -0.87 -0.07	26.01 -0.80 6.39	28.42 -0.45 -0.63	24.86 -0.21 -0.95	66.81 -0.14 -1.68	19.10 -0.15 -1.97	24.16 -0.01 -0.90	40.23 0.02 -0.34	28.43 -0.03 -0.57	18.81 -0.19 -0.86	14.21 -0.13 -1.09
CASSADAGA_WT_PWR 323784	36.62 0.23 -2.28	34.30 0.03 -2.46	22.64 0.10 -4.55	19.06 0.20 -4.99	32.08 0.19 -2.82	35.64 0.12 -3.29	43.41 -0.41 -2.52	39.71 -0.01 -4.79	19.49 0.03 -3.71	4.75 0.08 8.80	31.59 0.22 -4.96	60.89 0.47 -2.27	49.73 0.57 -0.25	44.72 0.31 -0.39	35.87 0.56 -2.11	31.50 0.07 -3.18	29.17 0.28 -4.77	86.17 -0.79 -21.70	26.88 -0.31 -9.92	27.27 -0.54 -4.54	40.36 -1.20 -1.69	29.83 -0.91 -2.84	22.30 -0.18 -4.35	18.89 0.15 -5.49
CE_DUNWOOD___DRP 24194	49.90 2.60 -13.18	48.34 2.35 -14.18	45.63 1.32 -26.32	43.71 1.01 -28.83	47.44 2.10 -16.27	53.63 2.39 -19.00	58.97 3.10 -14.57	65.34 2.85 -27.56	61.46 1.38 -44.33	60.34 1.19 -45.69	59.08 2.42 -30.26	65.41 5.41 -1.85	54.59 4.58 -1.10	51.08 4.17 -2.89	49.00 3.18 -12.62	49.77 2.63 -18.90	53.85 2.15 -27.58	119.92 5.73 -48.93	76.27 1.53 -57.46	51.94 1.94 -26.73	53.00 3.19 -9.94	46.79 2.16 -16.73	45.12 1.41 -25.57	46.62 1.05 -32.33
CE_MILLWOOD___DRP 24193	49.79 2.56 -13.12	48.22 2.30 -14.11	45.47 1.30 -26.20	43.55 0.99 -28.69	47.32 2.05 -16.19	53.49 2.34 -18.91	58.84 3.04 -14.50	65.17 2.81 -27.43	61.22 1.35 -44.11	60.09 1.16 -45.46	58.88 2.36 -30.11	65.26 5.28 -1.83	54.46 4.46 -1.09	50.95 4.06 -2.87	48.85 3.10 -12.55	49.62 2.57 -18.81	53.67 2.10 -27.45	119.55 5.60 -48.70	75.96 1.50 -57.19	51.77 1.90 -26.61	52.87 3.11 -9.89	46.65 2.11 -16.65	44.96 1.38 -25.45	46.45 1.03 -32.17
CE_NYC2_DRP 24202	50.31 2.97 -13.23	48.73 2.69 -14.23	45.90 1.51 -26.41	43.95 1.14 -28.93	47.79 2.39 -16.32	54.00 2.70 -19.07	59.39 3.47 -14.61	65.75 3.17 -27.65	61.78 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.24 5.23 -1.10	51.66 4.74 -2.90	49.46 3.60 -12.66	50.19 2.98 -18.96	54.18 2.39 -27.67	120.59 6.24 -49.09	76.60 1.67 -57.65	52.23 2.13 -26.83	53.38 3.53 -9.98	47.08 2.39 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45



CE_NYC_DRP 24195	50.15 2.83 -13.22	48.58 2.56 -14.22	45.79 1.43 -26.39	43.85 1.07 -28.91	47.64 2.26 -16.31	53.86 2.57 -19.05	59.23 3.33 -14.60	65.63 3.06 -27.63	61.70 1.51 -44.44	60.57 1.31 -45.80	59.40 2.65 -30.33	65.95 5.95 -1.85	55.05 5.04 -1.10	51.50 4.59 -2.90	49.34 3.49 -12.65	50.07 2.88 -18.95	54.10 2.33 -27.65	120.50 6.18 -49.05	76.53 1.65 -57.61	52.18 2.10 -26.81	53.28 3.44 -9.97	47.01 2.34 -16.78	45.31 1.53 -25.65	46.80 1.14 -32.42
CHAFFEE___LFGE 323603	36.47 0.12 -2.24	34.28 0.05 -2.41	22.59 0.13 -4.48	18.94 0.16 -4.90	31.93 0.09 -2.77	35.53 0.07 -3.23	43.05 -0.73 -2.48	39.29 -0.36 -4.71	23.43 0.03 -7.65	21.70 -0.02 -8.26	31.18 -0.11 -4.87	60.35 -0.33 -2.53	48.82 -0.34 -0.26	43.85 -0.55 -0.38	35.17 -0.10 -2.08	30.92 -0.46 -3.13	28.46 -0.36 -4.69	85.49 -1.41 -21.64	26.62 -0.40 -9.75	26.99 -0.75 -4.47	40.01 -1.52 -1.66	29.54 -1.15 -2.80	21.98 -0.43 -4.27	18.70 0.05 -5.40
CHATEAUG_WT_PWR 323614	33.51 -0.60 0.00	31.37 -0.45 0.00	17.68 -0.30 0.00	13.52 -0.36 0.00	28.50 -0.58 0.00	31.77 -0.46 0.00	40.83 -0.48 0.00	34.41 -0.52 0.00	15.50 -0.25 0.00	13.27 -0.20 0.00	25.96 -0.45 0.00	57.17 -0.98 0.00	47.74 -1.17 0.00	42.72 -1.30 0.00	1.66 -1.16 30.39	27.29 -0.96 0.00	23.38 -0.74 0.00	63.96 -1.31 0.00	16.85 -0.43 0.00	22.73 -0.53 0.00	38.83 -1.04 0.00	27.19 -0.69 0.00	17.56 -0.58 0.00	12.67 -0.57 0.00
CHAT_HIGH_FALL_HYD 323578	33.55 -0.56 0.00	31.39 -0.42 0.00	17.69 -0.29 0.00	13.53 -0.34 0.00	28.52 -0.55 0.00	31.76 -0.47 0.00	40.82 -0.48 0.00	34.39 -0.54 0.00	15.49 -0.27 0.00	13.25 -0.21 0.00	25.94 -0.47 0.00	57.12 -1.03 0.00	47.70 -1.21 0.00	42.72 -1.30 0.00	2.25 -1.16 29.80	27.28 -0.97 0.00	23.38 -0.75 0.00	63.93 -1.33 0.00	16.84 -0.43 0.00	22.74 -0.53 0.00	38.88 -0.99 0.00	27.22 -0.67 0.00	17.57 -0.57 0.00	12.68 -0.56 0.00
CHAUTAUQUA___LFGE 323629	36.63 0.27 -2.25	34.37 0.15 -2.42	22.63 0.16 -4.49	19.01 0.22 -4.91	32.06 0.21 -2.77	35.62 0.15 -3.24	43.30 -0.49 -2.48	39.50 -0.15 -4.71	21.65 0.09 -5.81	14.00 0.09 -0.44	31.42 0.12 -4.88	60.75 0.30 -2.30	49.53 0.37 -0.25	44.37 -0.03 -0.38	35.61 0.33 -2.08	31.24 -0.14 -3.13	28.86 0.04 -4.70	86.71 -0.94 -22.39	26.72 -0.32 -9.76	27.20 -0.55 -4.48	40.40 -1.13 -1.66	29.80 -0.89 -2.80	22.19 -0.23 -4.28	18.78 0.13 -5.41
CH_MIDHUDSON___DRP 24192	50.07 2.50 -13.46	48.55 2.26 -14.48	46.13 1.27 -26.88	44.28 0.97 -29.44	47.70 2.01 -16.61	53.93 2.29 -19.40	59.16 2.98 -14.87	65.81 2.74 -28.14	62.20 1.31 -45.14	60.97 1.13 -46.38	59.16 2.28 -30.47	64.62 5.06 -1.41	54.30 4.31 -1.08	50.70 3.90 -2.77	48.94 2.95 -12.78	49.86 2.44 -19.17	54.32 2.03 -28.16	120.69 5.46 -49.96	77.47 1.46 -58.73	52.56 1.84 -27.45	53.11 3.04 -10.20	47.13 2.06 -17.18	45.73 1.33 -26.26	47.42 0.99 -33.19
CH_MISC_IPPS 23765	49.83 2.63 -13.09	48.26 2.37 -14.08	45.45 1.33 -26.13	43.52 1.02 -28.63	47.34 2.11 -16.15	53.54 2.43 -18.87	58.96 3.19 -14.46	65.22 2.92 -27.36	61.08 1.39 -43.94	59.84 1.19 -45.18	58.58 2.41 -29.76	65.01 5.34 -1.51	54.49 4.52 -1.07	50.88 4.11 -2.75	48.80 3.14 -12.46	49.53 2.60 -18.68	53.67 2.16 -27.39	119.69 5.84 -48.59	75.96 1.56 -57.12	51.97 1.96 -26.74	53.02 3.21 -9.94	46.80 2.17 -16.74	45.12 1.40 -25.58	46.62 1.04 -32.34
CH_RES_BVR_FALLS 23983	32.54 -0.71 0.86	30.18 -0.70 0.93	15.87 -0.39 1.72	11.70 -0.29 1.89	27.46 -0.55 1.07	30.32 -0.67 1.24	39.53 -0.82 0.95	32.37 -0.77 1.80	12.55 -0.34 2.86	10.25 -0.30 2.92	23.92 -0.62 1.87	56.89 -1.26 0.00	48.02 -0.82 0.06	43.35 -0.52 0.14	48.09 -0.42 -15.30	26.66 -0.38 1.21	22.03 -0.29 1.81	60.97 -1.09 3.20	13.20 -0.32 3.75	21.09 -0.46 1.73	38.69 -0.54 0.64	26.44 -0.37 1.08	16.23 -0.26 1.65	11.02 -0.14 2.09
CH_RES_NIAGARA 23895	35.04 -1.13 -2.05	33.01 -1.01 -2.21	21.66 -0.42 -4.10	18.07 -0.29 -4.49	30.66 -0.95 -2.53	34.01 -1.19 -2.96	40.90 -2.67 -2.27	36.94 -2.26 -4.27	21.69 -0.86 -6.80	19.60 -0.78 -6.92	29.30 -1.57 -4.45	51.30 -3.65 3.21	45.60 -3.09 0.21	41.32 -3.04 -0.34	33.02 -2.09 -1.90	29.10 -2.01 -2.87	26.80 -1.63 -4.31	67.17 -5.33 -7.24	24.87 -1.37 -8.96	25.43 -1.93 -4.10	37.87 -3.52 -1.52	27.95 -2.50 -2.57	20.79 -1.26 -3.91	17.67 -0.52 -4.94
CH_RES_SYRACUSE 23985	35.61 0.13 -1.37	33.38 0.09 -1.48	20.76 0.03 -2.74	16.92 0.04 -3.00	30.83 0.07 -1.69	34.36 0.14 -1.98	43.05 0.23 -1.52	38.08 0.33 -2.81	20.32 0.17 -4.40	18.07 0.13 -4.48	29.60 0.23 -2.96	58.64 0.49 0.00	49.44 0.43 -0.10	44.59 0.34 -0.23	34.77 0.30 -1.27	30.39 0.23 -1.92	27.22 0.23 -2.87	70.90 0.53 -5.10	23.40 0.15 -5.97	26.16 0.16 -2.74	41.14 0.25 -1.02	29.69 0.09 -1.71	20.83 0.07 -2.62	16.64 0.08 -3.31
CLINTON_WT_PWR 323605	33.51 -0.60 0.00	31.37 -0.45 0.00	17.68 -0.30 0.00	13.52 -0.36 0.00	28.50 -0.58 0.00	31.77 -0.46 0.00	40.83 -0.48 0.00	34.41 -0.52 0.00	15.50 -0.25 0.00	13.27 -0.20 0.00	25.96 -0.45 0.00	57.17 -0.98 0.00	47.74 -1.17 0.00	42.72 -1.30 0.00	1.66 -1.16 30.39	27.29 -0.96 0.00	23.38 -0.74 0.00	63.96 -1.31 0.00	16.85 -0.43 0.00	22.73 -0.53 0.00	38.83 -1.04 0.00	27.19 -0.69 0.00	17.56 -0.58 0.00	12.67 -0.57 0.00
CLINTON___LFGE 323618	34.20 0.09 0.00	31.96 0.15 0.00	18.03 0.05 0.00	13.79 -0.08 0.00	29.04 -0.03 0.00	32.40 0.16 0.00	41.74 0.44 0.00	35.29 0.36 0.00	15.92 0.17 0.00	13.60 0.13 0.00	26.55 0.14 0.00	58.14 -0.01 0.00	48.32 -0.59 0.00	43.26 -0.75 0.00	2.26 -0.71 30.24	27.67 -0.57 0.00	23.74 -0.38 0.00	65.05 -0.21 0.00	17.14 -0.13 0.00	23.12 -0.15 0.00	39.47 -0.40 0.00	27.60 -0.29 0.00	17.83 -0.31 0.00	12.87 -0.38 0.00
COLONIE_LFGE___ 323577	54.89 1.99 -18.79	53.91 1.89 -20.21	56.58 1.08 -37.52	55.79 0.82 -41.10	53.98 1.71 -23.19	61.18 1.86 -27.09	64.38 2.32 -20.76	76.27 2.06 -39.27	78.58 0.93 -61.89	76.62 0.80 -62.36	66.75 1.55 -38.79	59.23 3.30 2.21	52.88 2.79 -1.18	48.91 2.54 -2.34	53.05 1.97 -17.87	55.59 1.72 -25.63	64.93 1.50 -39.30	139.14 4.15 -69.73	99.97 1.09 -81.61	62.00 1.44 -37.29	56.12 2.38 -13.86	52.79 1.57 -23.34	54.81 1.00 -35.67	59.07 0.74 -45.08
COPENHAGEN_WT_PWR 323753	33.39 -1.32 -0.61	31.30 -1.16 -0.65	18.44 -0.76 -1.21	14.73 -0.47 -1.33	28.84 -0.99 -0.75	32.19 -0.92 -0.88	41.41 -0.56 -0.67	35.88 -0.30 -1.25	17.43 -0.29 -1.97	15.00 -0.47 -2.00	26.70 -1.02 -1.31	55.41 -2.74 0.00	47.08 -1.87 -0.04	43.12 -1.00 -0.10	27.53 -0.94 4.73	28.53 -0.56 -0.84	25.12 -0.28 -1.27	66.73 -0.79 -2.25	19.48 -0.43 -2.64	24.19 -0.29 -1.21	39.99 -0.33 -0.45	28.35 -0.29 -0.76	18.85 -0.44 -1.16	14.48 -0.23 -1.46
CORNELL_____ 23752	38.10 0.97 -3.02	35.92 0.86 -3.25	24.48 0.46 -6.04	20.86 0.37 -6.62	33.57 0.76 -3.73	37.53 0.94 -4.36	45.97 1.32 -3.34	42.78 1.38 -6.46	26.82 0.67 -10.40	24.60 0.54 -10.59	34.05 1.04 -6.60	60.10 1.95 0.00	50.76 1.63 -0.22	45.87 1.34 -0.51	37.01 1.01 -2.81	33.38 0.92 -4.22	31.30 0.85 -6.33	79.99 2.35 -12.37	31.08 0.66 -13.15	30.09 0.79 -6.03	43.39 1.28 -2.24	32.42 0.76 -3.77	24.42 0.52 -5.77	20.95 0.42 -7.29



COXSACKIE___GT 23611	50.57 2.19 -14.27	49.16 2.00 -15.35	47.58 1.11 -28.48	45.92 0.85 -31.20	48.46 1.79 -17.60	54.87 2.07 -20.56	59.79 2.72 -15.76	67.27 2.51 -29.82	64.56 1.17 -47.64	63.20 1.01 -48.72	59.96 1.93 -31.62	63.06 4.16 -0.75	53.72 3.73 -1.09	49.93 3.24 -2.67	48.97 2.39 -13.38	50.32 1.96 -20.11	55.67 1.70 -29.85	123.12 4.90 -52.95	80.85 1.30 -62.27	54.06 1.59 -29.20	53.38 2.65 -10.85	47.93 1.77 -18.28	47.18 1.11 -27.93	49.36 0.81 -35.31
CPV_VALLEY___CC1 323721	47.08 1.82 -11.16	45.44 1.63 -12.00	41.17 0.91 -22.28	38.98 0.70 -24.40	44.31 1.47 -13.77	50.00 1.68 -16.08	55.84 2.21 -12.33	60.30 2.04 -23.32	54.20 0.98 -37.47	52.86 0.84 -38.56	53.54 1.70 -25.43	63.27 3.76 -1.36	52.97 3.16 -0.91	49.29 2.89 -2.37	46.07 2.23 -10.63	46.04 1.86 -15.94	48.99 1.52 -23.34	110.70 4.03 -41.41	67.04 1.08 -48.68	47.39 1.35 -22.77	50.51 2.17 -8.47	43.62 1.48 -14.25	40.88 0.96 -21.79	41.51 0.72 -27.54
CPV_VALLEY___CC2 323722	47.08 1.82 -11.16	45.44 1.63 -12.00	41.17 0.91 -22.28	38.98 0.70 -24.40	44.31 1.47 -13.77	50.00 1.68 -16.08	55.84 2.21 -12.33	60.30 2.04 -23.32	54.20 0.98 -37.47	52.86 0.84 -38.56	53.54 1.70 -25.43	63.27 3.76 -1.36	52.97 3.16 -0.91	49.29 2.89 -2.37	46.07 2.23 -10.63	46.04 1.86 -15.94	48.99 1.52 -23.34	110.70 4.03 -41.41	67.04 1.08 -48.68	47.39 1.35 -22.77	50.51 2.17 -8.47	43.62 1.48 -14.25	40.88 0.96 -21.79	41.51 0.72 -27.54
CRESCENT___HYD 24018	54.89 1.99 -18.79	53.91 1.89 -20.21	56.58 1.08 -37.52	55.79 0.82 -41.10	53.98 1.71 -23.19	61.18 1.86 -27.09	64.38 2.32 -20.76	76.27 2.06 -39.27	78.58 0.93 -61.89	76.62 0.80 -62.36	66.75 1.55 -38.79	59.23 3.30 2.21	52.88 2.79 -1.18	48.91 2.54 -2.34	53.05 1.97 -17.87	55.59 1.72 -25.63	64.93 1.50 -39.30	139.14 4.15 -69.73	99.97 1.09 -81.61	62.00 1.44 -37.29	56.12 2.38 -13.86	52.79 1.57 -23.34	54.81 1.00 -35.67	59.07 0.74 -45.08
CRICKET___VALLEY_CC1 323756	50.06 1.99 -13.95	48.63 1.82 -15.00	46.86 1.03 -27.85	45.16 0.78 -30.51	47.88 1.59 -17.21	54.14 1.80 -20.11	58.99 2.27 -15.41	66.19 2.10 -29.16	59.02 1.01 -42.26	52.69 0.88 -38.35	44.40 1.78 -16.22	46.43 3.98 15.69	52.03 3.38 0.25	43.70 3.08 3.40	45.07 2.34 -9.53	45.41 1.94 -15.22	54.93 1.63 -29.18	121.42 4.38 -51.77	79.19 1.18 -60.74	52.85 1.48 -28.11	52.71 2.39 -10.45	47.10 1.62 -17.59	46.08 1.05 -26.89	48.01 0.78 -33.98
CRICKET___VALLEY_CC2 323757	50.06 1.99 -13.95	48.63 1.82 -15.00	46.86 1.03 -27.85	45.16 0.78 -30.51	47.88 1.59 -17.21	54.14 1.80 -20.11	58.99 2.27 -15.41	66.19 2.10 -29.16	59.02 1.01 -42.26	52.69 0.88 -38.35	44.40 1.78 -16.22	46.43 3.98 15.69	52.03 3.38 0.25	43.70 3.08 3.40	45.07 2.34 -9.53	45.41 1.94 -15.22	54.93 1.63 -29.18	121.42 4.38 -51.77	79.19 1.18 -60.74	52.85 1.48 -28.11	52.71 2.39 -10.45	47.10 1.62 -17.59	46.08 1.05 -26.89	48.01 0.78 -33.98
CRICKET___VALLEY_CC3 323758	50.06 1.99 -13.95	48.63 1.82 -15.00	46.86 1.03 -27.85	45.16 0.78 -30.51	47.88 1.59 -17.21	54.14 1.80 -20.11	58.99 2.27 -15.41	66.19 2.10 -29.16	59.02 1.01 -42.26	52.69 0.88 -38.35	44.40 1.78 -16.22	46.43 3.98 15.69	52.03 3.38 0.25	43.70 3.08 3.40	45.07 2.34 -9.53	45.41 1.94 -15.22	54.93 1.63 -29.18	121.42 4.38 -51.77	79.19 1.18 -60.74	52.85 1.48 -28.11	52.71 2.39 -10.45	47.10 1.62 -17.59	46.08 1.05 -26.89	48.01 0.78 -33.98
CRUCIBLE_METL_DRP 24180	35.61 0.13 -1.37	33.38 0.09 -1.48	20.76 0.03 -2.74	16.92 0.04 -3.00	30.83 0.07 -1.69	34.36 0.14 -1.98	43.05 0.23 -1.52	38.08 0.33 -2.81	20.32 0.17 -4.40	18.07 0.13 -4.48	29.60 0.23 -2.96	58.64 0.49 0.00	49.44 0.43 -0.10	44.59 0.34 -0.23	34.77 0.30 -1.27	30.39 0.23 -1.92	27.22 0.23 -2.87	70.90 0.53 -5.10	23.40 0.15 -5.97	26.16 0.16 -2.74	41.14 0.25 -1.02	29.69 0.09 -1.71	20.83 0.07 -2.62	16.64 0.08 -3.31
DAHOWA___HYDRO 323763	55.58 2.19 -19.28	54.62 2.07 -20.74	57.65 1.17 -38.50	56.95 0.91 -42.17	54.74 1.88 -23.80	62.03 2.00 -27.79	65.25 2.64 -21.31	77.64 2.40 -40.30	80.42 1.08 -63.58	78.51 0.90 -64.14	68.14 1.67 -40.06	59.64 3.48 1.99	53.08 2.94 -1.23	49.12 2.59 -2.51	53.67 2.02 -18.45	56.45 1.83 -26.37	66.13 1.67 -40.33	141.67 4.85 -71.56	102.29 1.27 -83.74	63.19 1.66 -38.27	56.86 2.76 -14.22	53.59 1.75 -23.95	55.85 1.11 -36.61	60.32 0.81 -46.27
DANC___LFGE 323619	33.87 -1.03 -0.79	31.72 -0.93 -0.84	18.97 -0.58 -1.57	15.21 -0.38 -1.71	29.25 -0.79 -0.97	32.62 -0.75 -1.13	41.60 -0.57 -0.86	36.21 -0.33 -1.61	18.06 -0.24 -2.54	15.70 -0.35 -2.59	27.34 -0.76 -1.69	56.14 -2.01 0.00	47.54 -1.42 -0.06	43.26 -0.89 -0.13	29.60 -0.77 2.83	28.83 -0.51 -1.09	25.46 -0.30 -1.64	67.33 -0.84 -2.91	20.34 -0.34 -3.41	24.53 -0.31 -1.56	40.00 -0.45 -0.58	28.50 -0.37 -0.98	19.24 -0.39 -1.50	14.91 -0.22 -1.89
DANSKAMMER___1 23586	49.83 2.63 -13.09	48.26 2.37 -14.08	45.45 1.33 -26.13	43.52 1.02 -28.63	47.34 2.11 -16.15	53.54 2.43 -18.87	58.96 3.19 -14.46	65.22 2.92 -27.36	61.08 1.39 -43.94	59.84 1.19 -45.18	58.58 2.41 -29.76	65.01 5.34 -1.51	54.49 4.52 -1.07	50.88 4.11 -2.75	48.80 3.14 -12.46	49.53 2.60 -18.68	53.67 2.16 -27.39	119.69 5.84 -48.59	75.96 1.56 -57.12	51.97 1.96 -26.74	53.02 3.21 -9.94	46.80 2.17 -16.74	45.12 1.40 -25.58	46.62 1.04 -32.34
DANSKAMMER___2 23589	49.83 2.63 -13.09	48.26 2.37 -14.08	45.45 1.33 -26.13	43.52 1.02 -28.63	47.34 2.11 -16.15	53.54 2.43 -18.87	58.96 3.19 -14.46	65.22 2.92 -27.36	61.08 1.39 -43.94	59.84 1.19 -45.18	58.58 2.41 -29.76	65.01 5.34 -1.51	54.49 4.52 -1.07	50.88 4.11 -2.75	48.80 3.14 -12.46	49.53 2.60 -18.68	53.67 2.16 -27.39	119.69 5.84 -48.59	75.96 1.56 -57.12	51.97 1.96 -26.74	53.02 3.21 -9.94	46.80 2.17 -16.74	45.12 1.40 -25.58	46.62 1.04 -32.34
DANSKAMMER___3 23590	49.83 2.63 -13.09	48.26 2.37 -14.08	45.45 1.33 -26.13	43.52 1.02 -28.63	47.34 2.11 -16.15	53.54 2.43 -18.87	58.96 3.19 -14.46	65.22 2.92 -27.36	61.08 1.39 -43.94	59.84 1.19 -45.18	58.58 2.41 -29.76	65.01 5.34 -1.51	54.49 4.52 -1.07	50.88 4.11 -2.75	48.80 3.14 -12.46	49.53 2.60 -18.68	53.67 2.16 -27.39	119.69 5.84 -48.59	75.96 1.56 -57.12	51.97 1.96 -26.74	53.02 3.21 -9.94	46.80 2.17 -16.74	45.12 1.40 -25.58	46.62 1.04 -32.34
DANSKAMMER___4 23591	49.83 2.63 -13.09	48.26 2.37 -14.08	45.45 1.33 -26.13	43.52 1.02 -28.63	47.34 2.11 -16.15	53.54 2.43 -18.87	58.96 3.19 -14.46	65.22 2.92 -27.36	61.08 1.39 -43.94	59.84 1.19 -45.18	58.58 2.41 -29.76	65.01 5.34 -1.51	54.49 4.52 -1.07	50.88 4.11 -2.75	48.80 3.14 -12.46	49.53 2.60 -18.68	53.67 2.16 -27.39	119.69 5.84 -48.59	75.96 1.56 -57.12	51.97 1.96 -26.74	53.02 3.21 -9.94	46.80 2.17 -16.74	45.12 1.40 -25.58	46.62 1.04 -32.34
DANSKAMMER___DIESEL 23592	49.83 2.63 -13.09	48.26 2.37 -14.08	45.45 1.33 -26.13	43.52 1.02 -28.63	47.34 2.11 -16.15	53.54 2.43 -18.87	58.96 3.19 -14.46	65.22 2.92 -27.36	61.08 1.39 -43.94	59.84 1.19 -45.18	58.58 2.41 -29.76	65.01 5.34 -1.51	54.49 4.52 -1.07	50.88 4.11 -2.75	48.80 3.14 -12.46	49.53 2.60 -18.68	53.67 2.16 -27.39	119.69 5.84 -48.59	75.96 1.56 -57.12	51.97 1.96 -26.74	53.02 3.21 -9.94	46.80 2.17 -16.74	45.12 1.40 -25.58	46.62 1.04 -32.34



DASHVILLE___HYD 23610	49.51 2.32 -13.09	47.96 2.07 -14.08	45.27 1.16 -26.13	43.38 0.88 -28.63	47.07 1.84 -16.15	53.22 2.12 -18.87	58.56 2.79 -14.46	64.90 2.60 -27.36	60.87 1.26 -43.86	59.59 1.09 -45.03	58.16 2.21 -29.53	64.38 4.96 -1.27	54.14 4.19 -1.05	50.50 3.82 -2.66	48.51 2.91 -12.40	49.25 2.40 -18.61	53.46 1.96 -27.38	119.09 5.25 -48.58	75.88 1.36 -57.24	51.87 1.50 -27.11	52.43 2.48 -10.08	46.54 1.68 -16.96	45.15 1.09 -25.93	46.82 0.81 -32.77
DELAWARE___LFGE 323621	40.69 1.31 -5.27	38.68 1.20 -5.67	29.17 0.67 -10.52	25.91 0.51 -11.53	36.64 1.06 -6.50	41.08 1.25 -7.60	48.81 1.69 -5.82	47.56 1.58 -11.04	34.08 0.73 -17.60	32.00 0.62 -17.92	39.10 1.24 -11.44	60.83 2.69 0.00	51.55 2.26 -0.38	46.90 1.99 -0.88	39.59 1.50 -4.88	36.84 1.24 -7.36	36.19 1.05 -11.02	88.24 2.75 -20.23	40.93 0.75 -22.90	34.74 0.97 -10.50	45.40 1.62 -3.90	35.54 1.08 -6.57	28.89 0.71 -10.04	26.49 0.55 -12.69
DOGLEVILLE___HYD 23807	33.87 0.09 0.33	31.50 0.04 0.36	17.40 0.08 0.66	13.18 0.03 0.72	28.80 0.13 0.41	31.99 0.23 0.48	41.34 0.41 0.36	34.69 0.44 0.69	14.85 0.19 1.09	12.55 0.20 1.11	25.99 0.29 0.72	58.40 0.25 0.00	49.10 0.22 0.02	44.27 0.30 0.05	34.53 0.25 -1.08	28.04 0.26 0.46	23.72 0.28 0.69	64.92 0.88 1.22	16.08 0.24 1.44	22.94 0.33 0.66	40.06 0.44 0.24	27.61 0.13 0.41	17.55 0.05 0.63	12.49 0.04 0.80
DUNKIRK___1 23563	36.62 0.27 -2.24	34.37 0.15 -2.41	22.62 0.16 -4.48	19.00 0.22 -4.91	32.05 0.21 -2.77	35.62 0.15 -3.23	43.28 -0.50 -2.48	39.49 -0.15 -4.71	21.85 0.09 -6.01	14.89 0.09 -1.34	31.41 0.12 -4.88	60.76 0.31 -2.30	49.51 0.36 -0.25	44.34 -0.06 -0.38	35.59 0.31 -2.08	31.21 -0.16 -3.13	28.85 0.03 -4.69	86.80 -0.91 -22.45	26.72 -0.31 -9.75	27.21 -0.53 -4.47	40.43 -1.10 -1.66	29.81 -0.87 -2.80	22.19 -0.23 -4.27	18.78 0.13 -5.40
DUNKIRK___2 23564	36.62 0.27 -2.24	34.37 0.15 -2.41	22.62 0.16 -4.48	19.00 0.22 -4.91	32.05 0.21 -2.77	35.62 0.15 -3.23	43.28 -0.50 -2.48	39.49 -0.15 -4.71	21.85 0.09 -6.01	14.89 0.09 -1.34	31.41 0.12 -4.88	60.76 0.31 -2.30	49.51 0.36 -0.25	44.34 -0.06 -0.38	35.59 0.31 -2.08	31.21 -0.16 -3.13	28.85 0.03 -4.69	86.80 -0.91 -22.45	26.72 -0.31 -9.75	27.21 -0.53 -4.47	40.43 -1.10 -1.66	29.81 -0.87 -2.80	22.19 -0.23 -4.27	18.78 0.13 -5.40
DUNKIRK___3 23565	36.43 0.09 -2.23	34.23 0.02 -2.40	22.53 0.10 -4.45	18.90 0.15 -4.88	31.88 0.06 -2.75	35.45 0.00 -3.21	43.02 -0.75 -2.46	39.23 -0.38 -4.68	22.58 0.01 -6.82	18.37 0.00 -4.91	31.21 -0.05 -4.84	60.20 -0.11 -2.16	49.09 -0.06 -0.24	43.95 -0.45 -0.38	35.24 -0.03 -2.06	30.95 -0.41 -3.11	28.56 -0.22 -4.66	87.19 -1.33 -23.25	26.58 -0.38 -9.69	27.06 -0.65 -4.44	40.21 -1.31 -1.65	29.65 -1.02 -2.78	22.04 -0.34 -4.25	18.67 0.06 -5.37
DUNKIRK___4 23566	36.43 0.09 -2.23	34.23 0.02 -2.40	22.53 0.10 -4.45	18.90 0.15 -4.88	31.88 0.06 -2.75	35.45 0.00 -3.21	43.02 -0.75 -2.46	39.23 -0.38 -4.68	22.58 0.01 -6.82	18.37 0.00 -4.91	31.21 -0.05 -4.84	60.20 -0.11 -2.16	49.09 -0.06 -0.24	43.95 -0.45 -0.38	35.24 -0.03 -2.06	30.95 -0.41 -3.11	28.56 -0.22 -4.66	87.19 -1.33 -23.25	26.58 -0.38 -9.69	27.06 -0.65 -4.44	40.21 -1.31 -1.65	29.65 -1.02 -2.78	22.04 -0.34 -4.25	18.67 0.06 -5.37
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.11 2.78 -13.22	48.54 2.50 -14.22	45.79 1.41 -26.40	43.86 1.07 -28.92	47.63 2.24 -16.32	53.84 2.55 -19.06	59.20 3.29 -14.61	65.56 2.99 -27.64	61.66 1.45 -44.46	60.54 1.26 -45.82	59.32 2.57 -30.35	65.71 5.71 -1.85	54.84 4.84 -1.10	51.32 4.40 -2.90	49.20 3.34 -12.65	49.96 2.76 -18.96	54.03 2.25 -27.66	120.29 5.96 -49.08	76.50 1.59 -57.63	52.12 2.03 -26.83	53.19 3.34 -9.97	46.95 2.27 -16.79	45.28 1.48 -25.66	46.79 1.10 -32.44
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.02 2.34 -12.57	47.44 2.10 -13.52	44.27 1.18 -25.10	42.28 0.91 -27.50	46.47 1.88 -15.52	52.53 2.17 -18.12	58.04 2.85 -13.89	63.84 2.62 -26.28	59.20 1.24 -42.21	57.95 1.06 -43.42	57.19 2.16 -28.62	64.41 4.77 -1.50	53.93 4.00 -1.03	50.35 3.67 -2.66	47.99 2.82 -11.98	48.54 2.34 -17.95	52.36 1.94 -26.30	117.13 5.20 -46.67	73.56 1.39 -54.89	50.74 1.73 -25.75	52.25 2.81 -9.57	45.90 1.90 -16.11	43.99 1.23 -24.63	45.29 0.92 -31.13
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.34 3.00 -13.23	48.74 2.70 -14.23	45.91 1.52 -26.41	43.96 1.16 -28.93	47.81 2.41 -16.32	54.03 2.73 -19.07	59.49 3.58 -14.61	65.79 3.21 -27.65	61.79 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.12 6.12 -1.85	55.26 5.26 -1.10	51.73 4.81 -2.90	49.48 3.62 -12.66	50.20 3.00 -18.96	54.14 2.34 -27.67	120.39 6.03 -49.09	76.56 1.63 -57.65	52.19 2.09 -26.83	53.40 3.55 -9.98	47.05 2.37 -16.80	45.40 1.60 -25.67	46.87 1.18 -32.45
EAST HAMPTON___GT 23717	52.30 4.95 -13.24	50.29 4.23 -14.25	46.87 2.45 -26.44	44.76 1.92 -28.97	49.21 3.80 -16.34	55.76 4.43 -19.09	61.75 5.81 -14.63	67.77 5.15 -27.69	62.78 2.50 -44.53	61.49 2.12 -45.90	65.21 4.58 -34.22	69.58 9.56 -1.86	58.29 8.28 -1.11	54.06 7.14 -2.90	51.13 5.25 -12.68	51.68 4.45 -18.99	55.44 3.61 -27.71	124.36 9.94 -49.15	77.77 2.77 -57.73	53.75 3.60 -26.88	55.55 5.68 -9.99	48.84 4.13 -16.82	46.48 2.63 -25.71	47.72 1.97 -32.50
EAST RIVER___6 23660	50.01 2.68 -13.22	48.43 2.40 -14.22	45.68 1.31 -26.39	43.76 0.98 -28.91	47.44 2.06 -16.31	53.67 2.38 -19.05	59.06 3.15 -14.60	65.51 2.95 -27.63	61.66 1.46 -44.44	60.54 1.27 -45.80	59.32 2.58 -30.33	65.76 5.76 -1.85	55.00 4.99 -1.10	51.45 4.53 -2.90	49.30 3.45 -12.65	50.04 2.85 -18.95	54.04 2.27 -27.65	120.20 5.88 -49.05	76.47 1.59 -57.61	52.10 2.02 -26.81	53.11 3.27 -9.97	46.90 2.23 -16.78	45.23 1.44 -25.65	46.73 1.06 -32.42
EAST RIVER___7 23524	50.01 2.68 -13.22	48.43 2.40 -14.22	45.68 1.31 -26.39	43.76 0.98 -28.91	47.44 2.06 -16.31	53.67 2.38 -19.05	59.06 3.15 -14.60	65.51 2.95 -27.63	61.66 1.46 -44.44	60.54 1.27 -45.80	59.32 2.58 -30.33	65.76 5.76 -1.85	55.00 4.99 -1.10	51.45 4.53 -2.90	49.30 3.45 -12.65	50.04 2.85 -18.95	54.04 2.27 -27.65	120.20 5.88 -49.05	76.47 1.59 -57.61	52.10 2.02 -26.81	53.11 3.27 -9.97	46.90 2.23 -16.78	45.23 1.44 -25.65	46.73 1.06 -32.42
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.90 2.60 -13.18	48.34 2.35 -14.18	45.63 1.32 -26.32	43.71 1.01 -28.83	47.44 2.10 -16.27	53.63 2.39 -19.00	58.97 3.10 -14.57	65.34 2.85 -27.56	61.46 1.38 -44.33	60.34 1.19 -45.69	59.08 2.42 -30.26	65.41 5.41 -1.85	54.59 4.58 -1.10	51.08 4.17 -2.89	49.00 3.18 -12.62	49.77 2.63 -18.90	53.85 2.15 -27.58	119.92 5.73 -48.93	76.27 1.53 -57.46	51.94 1.94 -26.73	53.00 3.19 -9.94	46.79 2.16 -16.73	45.12 1.41 -25.57	46.62 1.05 -32.33
EAST_HAMPTON___DIESEL 23722	52.30 4.95 -13.24	50.29 4.23 -14.25	46.87 2.45 -26.44	44.76 1.92 -28.97	49.21 3.80 -16.34	55.76 4.44 -19.09	61.75 5.81 -14.63	67.77 5.15 -27.69	62.78 2.50 -44.53	61.49 2.12 -45.90	65.21 4.58 -34.22	69.60 9.58 -1.86	58.31 8.30 -1.11	54.09 7.16 -2.90	51.13 5.25 -12.68	51.68 4.45 -18.99	55.44 3.61 -27.71	124.36 9.94 -49.15	77.77 2.77 -57.73	53.75 3.61 -26.88	55.55 5.68 -9.99	48.84 4.13 -16.82	46.48 2.63 -25.71	47.72 1.98 -32.50



EAST_RIVER___1 323558	50.15 2.83 -13.22	48.58 2.56 -14.22	45.79 1.43 -26.39	43.85 1.07 -28.91	47.64 2.26 -16.31	53.86 2.57 -19.05	59.23 3.33 -14.60	65.63 3.06 -27.63	61.70 1.51 -44.44	60.57 1.31 -45.80	59.40 2.65 -30.33	65.95 5.95 -1.85	55.05 5.04 -1.10	51.50 4.59 -2.90	49.34 3.49 -12.65	50.07 2.88 -18.95	54.10 2.33 -27.65	120.50 6.18 -49.05	76.53 1.65 -57.61	52.18 2.10 -26.81	53.28 3.44 -9.97	47.01 2.34 -16.78	45.31 1.53 -25.65	46.80 1.14 -32.42
EAST_RIVER___2 323559	50.01 2.68 -13.22	48.43 2.40 -14.22	45.68 1.31 -26.39	43.76 0.98 -28.91	47.44 2.06 -16.31	53.67 2.38 -19.05	59.06 3.15 -14.60	65.51 2.95 -27.63	61.66 1.46 -44.44	60.54 1.27 -45.80	59.32 2.58 -30.33	65.76 5.76 -1.85	55.00 4.99 -1.10	51.45 4.53 -2.90	49.30 3.45 -12.65	50.04 2.85 -18.95	54.04 2.27 -27.65	120.20 5.88 -49.05	76.47 1.59 -57.61	52.10 2.02 -26.81	53.11 3.27 -9.97	46.90 2.23 -16.78	45.23 1.44 -25.65	46.73 1.06 -32.42
EAST___DELAWARE_HYD 23607	49.48 4.09 -11.28	47.67 3.73 -12.13	42.61 2.11 -22.52	40.17 1.63 -24.67	46.41 3.42 -13.92	52.44 3.94 -16.26	58.98 5.21 -12.46	63.06 4.55 -23.58	55.64 2.06 -37.83	54.09 1.75 -38.87	55.46 3.51 -25.54	66.99 7.65 -1.19	56.15 6.34 -0.91	52.14 5.79 -2.33	48.42 4.51 -10.71	48.06 3.76 -16.06	50.94 3.23 -23.59	115.95 8.82 -41.86	68.89 2.36 -49.25	49.38 2.97 -23.14	53.42 4.95 -8.60	45.77 3.39 -14.48	42.44 2.17 -22.14	42.84 1.61 -27.98
ELEC_TRO_TEK 24086	50.55 3.20 -13.24	48.82 2.77 -14.25	46.01 1.58 -26.44	44.07 1.23 -28.97	47.89 2.47 -16.34	54.18 2.86 -19.09	59.67 3.73 -14.63	65.93 3.32 -27.69	61.90 1.62 -44.53	60.77 1.41 -45.90	63.05 3.01 -33.63	66.61 6.59 -1.86	55.66 5.65 -1.11	51.97 5.05 -2.90	49.65 3.78 -12.68	50.36 3.13 -18.99	54.30 2.48 -27.71	120.86 6.44 -49.15	76.78 1.77 -57.73	52.42 2.28 -26.88	53.49 3.62 -9.99	47.35 2.63 -16.82	45.52 1.67 -25.71	47.02 1.27 -32.50
ELLENBURG_WT_PWR 323604	33.51 -0.60 0.00	31.37 -0.45 0.00	17.68 -0.30 0.00	13.52 -0.36 0.00	28.50 -0.58 0.00	31.77 -0.46 0.00	40.83 -0.48 0.00	34.41 -0.52 0.00	15.50 -0.25 0.00	13.27 -0.20 0.00	25.96 -0.45 0.00	57.17 -0.98 0.00	47.74 -1.17 0.00	42.72 -1.30 0.00	1.66 -1.16 30.39	27.29 -0.96 0.00	23.38 -0.74 0.00	63.96 -1.31 0.00	16.85 -0.43 0.00	22.73 -0.53 0.00	38.83 -1.04 0.00	27.19 -0.69 0.00	17.56 -0.58 0.00	12.67 -0.57 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.91 -0.34 -2.14	33.79 -0.33 -2.31	22.18 -0.08 -4.28	18.55 -0.01 -4.69	31.43 -0.29 -2.65	34.93 -0.39 -3.09	42.22 -1.46 -2.37	38.34 -1.10 -4.50	22.43 -0.30 -6.98	19.68 -0.30 -6.52	30.42 -0.65 -4.66	58.78 -1.59 -2.22	47.81 -1.34 -0.25	42.87 -1.52 -0.37	34.31 -0.87 -1.99	30.19 -1.04 -2.99	27.81 -0.80 -4.49	90.36 -2.96 -28.05	25.84 -0.76 -9.32	26.40 -1.14 -4.27	39.22 -1.24 -1.59	28.93 -1.64 -2.67	21.50 -0.72 -4.09	18.24 -0.17 -5.16
EMPIRE_CC_1 323656	52.78 1.75 -16.92	51.68 1.67 -18.20	52.71 0.95 -33.78	51.60 0.72 -37.01	51.46 1.51 -20.88	58.27 1.64 -24.39	61.99 1.99 -18.69	72.07 1.77 -35.37	72.13 0.80 -55.57	69.97 0.70 -55.80	62.18 1.40 -34.37	58.60 3.06 2.62	52.52 2.60 -1.01	48.27 2.37 -1.88	50.15 1.84 -15.11	52.71 1.56 -22.91	60.84 1.33 -35.39	131.60 3.54 -62.79	91.68 0.93 -73.47	58.04 1.25 -33.53	54.40 2.06 -12.46	50.25 1.38 -20.98	51.10 0.89 -32.08	54.45 0.67 -40.54
EMPIRE_CC_2 323658	52.78 1.75 -16.92	51.68 1.67 -18.20	52.71 0.95 -33.78	51.60 0.72 -37.01	51.46 1.51 -20.88	58.27 1.64 -24.39	61.99 1.99 -18.69	72.07 1.77 -35.37	72.13 0.80 -55.57	69.97 0.70 -55.80	62.18 1.40 -34.37	58.60 3.06 2.62	52.52 2.60 -1.01	48.27 2.37 -1.88	50.15 1.84 -15.11	52.71 1.56 -22.91	60.84 1.33 -35.39	131.60 3.54 -62.79	91.68 0.93 -73.47	58.04 1.25 -33.53	54.40 2.06 -12.46	50.25 1.38 -20.98	51.10 0.89 -32.08	54.45 0.67 -40.54
ERIE_WT_PWR 323693	36.27 -0.03 -2.19	34.11 -0.06 -2.36	22.43 0.07 -4.37	18.77 0.10 -4.79	31.74 -0.03 -2.70	35.31 -0.09 -3.16	42.72 -1.00 -2.42	38.87 -0.66 -4.60	22.81 -0.11 -7.16	20.10 -0.13 -6.76	30.87 -0.30 -4.76	59.95 -0.82 -2.63	48.47 -0.70 -0.27	43.45 -0.94 -0.37	34.80 -0.43 -2.03	30.60 -0.70 -3.06	28.19 -0.52 -4.58	85.61 -2.11 -22.45	26.25 -0.55 -9.52	26.75 -0.88 -4.36	39.70 -1.79 -1.62	29.30 -1.32 -2.73	21.78 -0.53 -4.17	18.49 -0.03 -5.28
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.03 0.91 -3.01	35.86 0.82 -3.24	24.42 0.43 -6.00	20.80 0.36 -6.58	33.51 0.72 -3.71	37.46 0.89 -4.33	45.87 1.24 -3.33	42.68 1.31 -6.43	26.75 0.63 -10.37	24.53 0.51 -10.55	33.96 0.98 -6.57	60.01 1.86 0.00	50.69 1.57 -0.22	45.79 1.26 -0.51	36.94 0.95 -2.79	33.31 0.86 -4.20	31.22 0.81 -6.29	79.66 2.22 -12.18	30.96 0.61 -13.07	30.01 0.75 -5.99	43.30 1.20 -2.23	32.35 0.71 -3.75	24.36 0.49 -5.73	20.89 0.39 -7.25
E_CANADA_CAP_HY 24051	59.75 1.62 -24.01	59.18 1.54 -25.83	66.75 0.82 -47.94	67.02 0.63 -52.52	60.06 1.35 -29.64	68.43 1.58 -34.61	70.18 2.34 -26.53	87.21 2.09 -50.19	96.16 0.89 -79.52	94.80 0.74 -80.59	78.67 1.26 -51.00	59.38 2.46 1.23	52.49 1.95 -1.64	49.61 2.01 -3.58	57.28 1.23 -22.85	62.44 1.01 -33.18	75.39 1.03 -50.23	157.52 3.13 -89.12	122.45 0.86 -104.31	72.07 1.09 -47.70	59.41 1.80 -17.73	59.01 1.26 -29.86	64.56 0.79 -45.64	71.55 0.63 -57.68
E_CANADA_MHWK_HY 24050	33.87 0.09 0.33	31.50 0.04 0.36	17.40 0.08 0.66	13.18 0.03 0.72	28.80 0.13 0.41	31.99 0.23 0.48	41.34 0.41 0.36	34.69 0.44 0.69	14.85 0.19 1.09	12.55 0.20 1.11	25.99 0.29 0.72	58.40 0.25 0.00	49.10 0.22 0.02	44.27 0.30 0.05	34.53 0.25 -1.08	28.04 0.26 0.46	23.72 0.28 0.69	64.92 0.88 1.22	16.08 0.24 1.44	22.94 0.33 0.66	40.06 0.44 0.24	27.61 0.13 0.41	17.55 0.05 0.63	12.49 0.04 0.80
E_FISHKILL___LBMP 23776	49.84 2.36 -13.37	48.33 2.14 -14.38	45.87 1.20 -26.69	44.02 0.92 -29.23	47.47 1.91 -16.50	53.67 2.17 -19.27	58.86 2.79 -14.77	65.44 2.56 -27.94	61.93 1.23 -44.95	60.86 1.06 -46.32	59.27 2.17 -30.69	64.86 4.83 -1.88	54.12 4.10 -1.12	50.68 3.72 -2.93	48.84 2.84 -12.79	49.76 2.35 -19.16	54.01 1.93 -27.96	120.00 5.13 -49.61	76.93 1.37 -58.28	52.16 1.72 -27.17	52.81 2.84 -10.10	46.83 1.93 -17.01	45.38 1.25 -25.99	47.03 0.94 -32.85
FALCON___SEABRD_CC1 323796	33.91 -0.20 0.00	31.71 -0.10 0.00	17.90 -0.09 0.00	13.69 -0.19 0.00	28.80 -0.27 0.00	32.11 -0.12 0.00	41.29 -0.01 0.00	34.84 -0.09 0.00	15.73 -0.02 0.00	13.46 -0.01 0.00	26.30 -0.11 0.00	57.87 -0.28 0.00	48.30 -0.60 0.00	43.24 -0.78 0.00	2.19 -0.70 30.32	27.68 -0.57 0.00	23.73 -0.39 0.00	64.93 -0.33 0.00	17.10 -0.18 0.00	23.04 -0.23 0.00	39.34 -0.53 0.00	27.51 -0.38 0.00	17.78 -0.35 0.00	12.84 -0.41 0.00
FALCON___SEABRD_CC2 323797	33.91 -0.20 0.00	31.71 -0.10 0.00	17.90 -0.09 0.00	13.69 -0.19 0.00	28.80 -0.27 0.00	32.11 -0.12 0.00	41.29 -0.01 0.00	34.84 -0.09 0.00	15.73 -0.02 0.00	13.46 -0.01 0.00	26.30 -0.11 0.00	57.87 -0.28 0.00	48.30 -0.60 0.00	43.24 -0.78 0.00	2.19 -0.70 30.32	27.68 -0.57 0.00	23.73 -0.39 0.00	64.93 -0.33 0.00	17.10 -0.18 0.00	23.04 -0.23 0.00	39.34 -0.53 0.00	27.51 -0.38 0.00	17.78 -0.35 0.00	12.84 -0.41 0.00



FAR ROCKAWAY___4 23548	50.97 3.62 -13.24	49.17 3.11 -14.25	46.19 1.77 -26.44	44.21 1.37 -28.97	48.19 2.77 -16.34	54.55 3.22 -19.09	60.17 4.24 -14.63	66.37 3.75 -27.69	62.09 1.81 -44.53	60.95 1.59 -45.90	63.61 3.39 -33.82	67.40 7.39 -1.86	56.32 6.31 -1.11	52.55 5.63 -2.90	50.11 4.24 -12.68	50.76 3.52 -18.99	54.65 2.83 -27.71	121.77 7.35 -49.15	77.04 2.03 -57.73	52.75 2.61 -26.88	54.04 4.18 -9.99	47.73 3.02 -16.82	45.76 1.91 -25.71	47.18 1.44 -32.50
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.19 2.87 -13.22	48.62 2.59 -14.22	45.82 1.45 -26.39	43.88 1.09 -28.91	47.68 2.30 -16.31	53.90 2.61 -19.05	59.29 3.39 -14.60	65.68 3.11 -27.63	61.73 1.53 -44.45	60.60 1.33 -45.80	59.44 2.69 -30.34	66.00 6.00 -1.85	55.10 5.09 -1.10	51.55 4.63 -2.90	49.38 3.53 -12.65	50.10 2.91 -18.95	54.14 2.36 -27.65	120.57 6.25 -49.06	76.56 1.67 -57.61	52.21 2.13 -26.82	53.34 3.49 -9.97	47.05 2.37 -16.78	45.34 1.55 -25.65	46.82 1.16 -32.42
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.21 2.88 -13.22	48.63 2.60 -14.22	45.83 1.45 -26.39	43.88 1.10 -28.91	47.69 2.31 -16.31	53.91 2.62 -19.05	59.30 3.39 -14.60	65.68 3.12 -27.63	61.73 1.53 -44.45	60.60 1.33 -45.80	59.44 2.69 -30.34	66.02 6.02 -1.85	55.10 5.10 -1.10	51.56 4.64 -2.90	49.39 3.54 -12.65	50.12 2.92 -18.95	54.14 2.37 -27.65	120.58 6.26 -49.06	76.56 1.67 -57.61	52.21 2.13 -26.82	53.35 3.51 -9.97	47.06 2.39 -16.78	45.35 1.56 -25.65	46.83 1.16 -32.42
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.18 2.85 -13.22	48.60 2.57 -14.22	45.81 1.44 -26.39	43.87 1.09 -28.91	47.67 2.28 -16.31	53.88 2.59 -19.05	59.26 3.35 -14.60	65.65 3.08 -27.63	61.71 1.52 -44.45	60.59 1.31 -45.80	59.41 2.66 -30.34	65.96 5.96 -1.85	55.06 5.05 -1.10	51.51 4.60 -2.90	49.35 3.50 -12.65	50.09 2.90 -18.95	54.12 2.34 -27.65	120.52 6.20 -49.06	76.54 1.65 -57.61	52.19 2.11 -26.82	53.30 3.46 -9.97	47.04 2.36 -16.78	45.33 1.54 -25.65	46.82 1.15 -32.42
FARRAGUT___LBMP 323566	50.15 2.83 -13.22	48.58 2.55 -14.22	45.80 1.43 -26.39	43.86 1.08 -28.91	47.64 2.26 -16.31	53.87 2.58 -19.05	59.23 3.32 -14.60	65.61 3.05 -27.63	61.70 1.50 -44.45	60.57 1.30 -45.80	59.39 2.64 -30.34	65.91 5.91 -1.85	55.01 5.00 -1.10	51.47 4.55 -2.90	49.32 3.47 -12.65	50.06 2.87 -18.95	54.09 2.32 -27.65	120.45 6.13 -49.06	76.53 1.64 -57.61	52.17 2.08 -26.82	53.27 3.43 -9.97	47.01 2.33 -16.78	45.31 1.52 -25.65	46.81 1.14 -32.42
FENNER___WINDPWR 24204	36.09 0.48 -1.50	33.85 0.43 -1.61	21.20 0.22 -2.99	17.37 0.21 -3.28	31.38 0.46 -1.85	35.02 0.63 -2.16	43.99 1.03 -1.65	39.42 1.07 -3.42	21.98 0.50 -5.72	19.67 0.38 -5.83	30.49 0.75 -3.33	59.45 1.30 0.00	50.12 1.10 -0.11	45.21 0.94 -0.25	35.22 0.63 -1.39	30.93 0.59 -2.09	27.80 0.54 -3.14	72.30 1.47 -5.56	24.16 0.37 -6.51	26.74 0.49 -2.99	41.64 0.65 -1.11	30.15 0.39 -1.87	21.25 0.26 -2.86	17.13 0.27 -3.61
FIBERTEK___ENERGY 23856	35.61 0.13 -1.37	33.38 0.09 -1.48	20.76 0.03 -2.74	16.92 0.04 -3.00	30.83 0.07 -1.69	34.36 0.14 -1.98	43.05 0.23 -1.52	38.08 0.33 -2.81	20.32 0.17 -4.40	18.07 0.13 -4.48	29.60 0.23 -2.96	58.64 0.49 0.00	49.44 0.43 -0.10	44.59 0.34 -0.23	34.77 0.30 -1.27	30.39 0.23 -1.92	27.22 0.23 -2.87	70.90 0.53 -5.10	23.40 0.15 -5.97	26.16 0.16 -2.74	41.14 0.25 -1.02	29.69 0.09 -1.71	20.83 0.07 -2.62	16.64 0.08 -3.31
FITZPATRICK___ 23598	34.29 -0.69 -0.86	32.08 -0.66 -0.92	19.34 -0.37 -1.72	15.48 -0.27 -1.88	29.54 -0.59 -1.06	32.85 -0.62 -1.24	41.45 -0.80 -0.95	36.13 -0.60 -1.79	18.34 -0.25 -2.84	16.13 -0.23 -2.89	27.82 -0.45 -1.87	57.10 -1.06 0.00	48.10 -0.87 -0.06	43.33 -0.84 -0.14	33.41 -0.59 -0.80	28.92 -0.53 -1.20	25.50 -0.43 -1.80	67.24 -1.22 -3.20	20.70 -0.32 -3.74	24.54 -0.45 -1.72	39.71 -0.80 -0.64	28.37 -0.60 -1.07	19.41 -0.37 -1.64	15.07 -0.25 -2.08
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.95 2.69 -13.15	48.38 2.43 -14.14	45.60 1.37 -26.25	43.67 1.04 -28.75	47.46 2.17 -16.22	53.68 2.49 -18.95	59.10 3.27 -14.52	65.40 2.98 -27.48	61.31 1.43 -44.12	60.08 1.23 -45.39	58.78 2.47 -29.90	65.15 5.46 -1.54	54.59 4.62 -1.07	51.00 4.21 -2.77	48.93 3.21 -12.51	49.67 2.66 -18.76	53.84 2.21 -27.50	120.02 5.97 -48.79	76.23 1.60 -57.36	52.12 2.01 -26.84	53.16 3.31 -9.98	46.92 2.23 -16.80	45.25 1.44 -25.67	46.76 1.06 -32.45
FORT ORANGE___ 23900	53.48 1.39 -17.98	52.44 1.29 -19.34	54.57 0.69 -35.90	53.73 0.53 -39.32	52.42 1.15 -22.19	59.46 1.31 -25.92	62.83 1.66 -19.87	73.94 1.42 -37.58	75.75 0.64 -59.36	73.99 0.56 -59.96	65.10 1.11 -37.58	58.98 2.43 1.60	52.21 2.13 -1.17	48.39 1.93 -2.44	50.99 1.47 -16.31	54.15 1.25 -24.66	62.80 1.06 -37.62	134.81 2.80 -66.74	96.13 0.75 -78.10	59.95 1.02 -35.66	54.86 1.73 -13.26	51.35 1.14 -22.32	52.96 0.71 -34.12	56.90 0.53 -43.12
FORT_DRUM_COGEN 23780	33.70 -0.94 -0.54	31.56 -0.83 -0.58	18.51 -0.54 -1.07	14.71 -0.34 -1.17	29.05 -0.69 -0.66	32.41 -0.60 -0.77	41.74 -0.16 -0.59	36.06 0.02 -1.11	17.37 -0.12 -1.74	14.90 -0.34 -1.78	26.76 -0.81 -1.16	55.91 -2.24 0.00	47.34 -1.60 -0.04	43.19 -0.92 -0.09	26.86 -0.85 5.49	28.48 -0.51 -0.75	25.02 -0.23 -1.12	66.87 -0.39 -2.00	19.35 -0.26 -2.34	24.21 -0.13 -1.07	40.12 -0.15 -0.40	28.41 -0.15 -0.67	18.85 -0.31 -1.02	14.36 -0.18 -1.29
FPL FAR_ROCK_GT1 24212	50.97 3.62 -13.24	49.17 3.11 -14.25	46.19 1.77 -26.44	44.21 1.37 -28.97	48.19 2.77 -16.34	54.55 3.22 -19.09	60.17 4.24 -14.63	66.37 3.75 -27.69	62.09 1.81 -44.53	60.95 1.59 -45.90	63.61 3.39 -33.82	67.40 7.39 -1.86	56.32 6.31 -1.11	52.55 5.63 -2.90	50.11 4.24 -12.68	50.76 3.52 -18.99	54.65 2.83 -27.71	121.77 7.35 -49.15	77.04 2.03 -57.73	52.75 2.61 -26.88	54.04 4.18 -9.99	47.73 3.02 -16.82	45.76 1.91 -25.71	47.18 1.44 -32.50
FPL FAR_ROCK_GT2 23815	50.97 3.62 -13.24	49.17 3.11 -14.25	46.19 1.77 -26.44	44.21 1.37 -28.97	48.19 2.77 -16.34	54.55 3.22 -19.09	60.17 4.24 -14.63	66.37 3.75 -27.69	62.09 1.81 -44.53	60.95 1.59 -45.90	63.61 3.39 -33.82	67.40 7.39 -1.86	56.32 6.31 -1.11	52.55 5.63 -2.90	50.11 4.24 -12.68	50.76 3.52 -18.99	54.65 2.83 -27.71	121.77 7.35 -49.15	77.04 2.03 -57.73	52.75 2.61 -26.88	54.04 4.18 -9.99	47.73 3.02 -16.82	45.76 1.91 -25.71	47.18 1.44 -32.50
FRANKLIN_FALL_HYD 24054	33.66 -0.45 0.00	31.51 -0.30 0.00	17.78 -0.20 0.00	13.62 -0.25 0.00	28.68 -0.39 0.00	31.88 -0.36 0.00	41.05 -0.25 0.00	34.61 -0.32 0.00	15.55 -0.20 0.00	13.31 -0.15 0.00	26.02 -0.39 0.00	57.32 -0.83 0.00	47.82 -1.08 0.00	42.91 -1.11 0.00	3.81 -1.02 28.37	27.47 -0.78 0.00	23.52 -0.61 0.00	64.38 -0.89 0.00	16.98 -0.30 0.00	22.95 -0.32 0.00	39.26 -0.61 0.00	27.48 -0.41 0.00	17.74 -0.39 0.00	12.81 -0.44 0.00
FREEPORT_EQUS_GT1 23764	50.87 3.52 -13.24	49.05 3.00 -14.25	46.14 1.72 -26.44	44.17 1.33 -28.97	48.09 2.67 -16.34	54.40 3.08 -19.09	59.97 4.03 -14.63	66.19 3.57 -27.69	62.02 1.74 -44.53	60.86 1.50 -45.90	63.39 3.13 -33.85	66.87 6.85 -1.86	55.89 5.87 -1.11	52.18 5.25 -2.90	49.78 3.91 -12.68	50.48 3.24 -18.99	54.39 2.56 -27.71	121.12 6.70 -49.15	76.86 1.85 -57.73	52.53 2.38 -26.88	53.65 3.78 -9.99	47.58 2.87 -16.82	45.68 1.83 -25.71	47.14 1.40 -32.50



FREEPORT___CT2 23818	50.87	49.05	46.14	44.17	48.09	54.40	59.97	66.19	62.02	60.86	63.39	66.87	55.89	52.18	49.78	50.48	54.39	121.12	76.86	52.53	53.65	47.58	45.68	47.14
	3.52	3.00	1.72	1.33	2.67	3.08	4.03	3.57	1.74	1.50	3.13	6.85	5.87	5.25	3.91	3.24	2.56	6.70	1.85	2.38	3.78	2.87	1.83	1.40
	-13.24	-14.25	-26.44	-28.97	-16.34	-19.09	-14.63	-27.69	-44.53	-45.90	-33.85	-1.86	-1.11	-2.90	-12.68	-18.99	-27.71	-49.15	-57.73	-26.88	-9.99	-16.82	-25.71	-32.50
FULTON COGEN____ 23766	34.92	32.69	19.99	16.14	30.17	33.59	42.26	37.08	19.24	17.02	28.66	57.89	48.82	44.01	34.10	29.64	26.33	69.04	21.94	25.32	40.44	29.02	20.07	15.79
	-0.27	-0.29	-0.16	-0.10	-0.24	-0.21	-0.24	-0.09	-0.03	-0.03	-0.09	-0.26	-0.16	-0.19	-0.11	-0.11	-0.07	-0.26	-0.06	-0.11	-0.23	-0.22	-0.14	-0.07
	-1.09	-1.17	-2.17	-2.37	-1.34	-1.56	-1.20	-2.23	-3.52	-3.58	-2.34	0.00	-0.08	-0.18	-1.01	-1.51	-2.27	-4.03	-4.72	-2.16	-0.81	-1.35	-2.07	-2.62
FULTON___LFGE 323630	60.38	59.54	64.95	64.71	60.15	68.58	71.59	86.89	92.48	90.66	76.75	61.76	54.28	51.63	57.31	61.66	73.77	157.18	117.50	70.96	61.34	59.20	63.02	68.89
	3.71	3.47	1.92	1.50	3.24	3.83	5.36	4.80	2.09	1.61	2.63	5.00	3.86	4.33	2.57	2.30	2.46	8.19	2.23	2.89	4.82	3.26	2.02	1.47
	-22.56	-24.27	-45.04	-49.34	-27.84	-32.52	-24.93	-47.15	-74.65	-75.59	-47.71	1.38	-1.52	-3.28	-21.54	-31.11	-47.19	-83.73	-98.00	-44.80	-16.66	-28.04	-42.86	-54.17
G.F.CEMENT___DRP 24184	55.56	54.61	57.79	57.12	54.73	61.97	65.18	77.73	80.73	78.85	68.28	59.36	52.86	48.91	53.62	56.46	66.29	141.98	102.72	63.32	56.82	53.59	55.97	60.52
	2.06	1.94	1.09	0.84	1.73	1.78	2.45	2.27	1.02	0.84	1.52	3.12	2.70	2.33	1.84	1.67	1.60	4.75	1.23	1.57	2.64	1.62	1.02	0.74
	-19.39	-20.86	-38.71	-42.41	-23.93	-27.95	-21.43	-40.52	-63.96	-64.55	-40.36	1.92	-1.25	-2.56	-18.58	-26.54	-40.56	-71.96	-84.21	-38.48	-14.31	-24.09	-36.81	-46.53
GARDENVILLE___LBMP 24039	36.16	34.00	22.36	18.73	31.65	35.18	42.58	38.76	22.71	19.85	30.77	59.33	48.28	43.29	34.69	30.52	28.12	87.74	26.21	26.68	39.59	29.22	21.73	18.44
	-0.14	-0.17	0.00	0.06	-0.13	-0.22	-1.15	-0.78	-0.16	-0.18	-0.41	-1.03	-0.88	-1.10	-0.54	-0.79	-0.59	-2.30	-0.60	-0.96	-1.90	-1.40	-0.59	-0.08
	-2.19	-2.36	-4.38	-4.80	-2.71	-3.16	-2.43	-4.60	-7.12	-6.57	-4.77	-2.21	-0.25	-0.37	-2.03	-3.06	-4.59	-24.77	-9.53	-4.37	-1.62	-2.74	-4.18	-5.28
GENERAL___MILLS 23808	36.25	34.09	22.41	18.76	31.73	35.28	42.69	38.85	22.80	20.08	30.85	59.92	48.43	43.42	34.78	30.59	28.18	85.60	26.25	26.75	39.70	29.29	21.78	18.48
	-0.05	-0.08	0.06	0.10	-0.05	-0.11	-1.04	-0.68	-0.12	-0.14	-0.33	-0.86	-0.74	-0.98	-0.45	-0.71	-0.53	-2.12	-0.55	-0.88	-1.79	-1.33	-0.53	-0.04
	-2.19	-2.36	-4.37	-4.79	-2.70	-3.16	-2.42	-4.60	-7.16	-6.76	-4.76	-2.63	-0.27	-0.37	-2.03	-3.06	-4.58	-22.45	-9.52	-4.36	-1.62	-2.73	-4.17	-5.28
GE_PLASTICS___DRP 24183	53.13	52.06	53.81	52.88	51.97	58.93	62.43	73.17	74.55	72.88	64.67	59.56	52.34	48.59	50.79	53.76	62.00	133.42	94.40	59.20	54.65	50.92	52.26	55.99
	1.45	1.35	0.74	0.57	1.21	1.37	1.71	1.50	0.68	0.59	1.19	2.59	2.26	2.05	1.56	1.31	1.11	2.93	0.78	1.06	1.81	1.20	0.76	0.57
	-17.57	-18.90	-35.08	-38.43	-21.68	-25.33	-19.42	-36.73	-58.12	-58.82	-37.08	1.17	-1.17	-2.52	-16.03	-24.21	-36.76	-65.23	-76.34	-34.88	-12.97	-21.83	-33.37	-42.17
GILBOA___1 23756	48.67	47.28	45.09	43.33	46.50	52.55	57.49	64.03	60.39	58.82	56.27	60.67	52.08	48.23	46.98	47.97	52.80	116.82	75.35	50.31	51.24	45.37	43.86	45.38
	1.33	1.24	0.70	0.53	1.11	1.25	1.57	1.44	0.65	0.57	1.16	2.52	2.22	1.99	1.52	1.26	1.01	2.46	0.67	0.93	1.67	1.13	0.74	0.56
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-43.99	-44.79	-28.70	0.00	-0.96	-2.22	-12.26	-18.46	-27.67	-49.09	-57.40	-26.11	-9.71	-16.35	-24.98	-31.57
GILBOA___2 23757	48.67	47.28	45.09	43.33	46.50	52.55	57.49	64.03	60.39	58.82	56.27	60.67	52.08	48.23	46.98	47.97	52.80	116.82	75.35	50.31	51.24	45.37	43.86	45.38
	1.33	1.24	0.70	0.53	1.11	1.25	1.57	1.44	0.65	0.57	1.16	2.52	2.22	1.99	1.52	1.26	1.01	2.46	0.67	0.93	1.67	1.13	0.74	0.56
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-43.99	-44.79	-28.70	0.00	-0.96	-2.22	-12.26	-18.46	-27.67	-49.09	-57.40	-26.11	-9.71	-16.35	-24.98	-31.57
GILBOA___3 23758	48.67	47.28	45.09	43.33	46.50	52.55	57.49	64.03	60.39	58.82	56.27	60.67	52.08	48.23	46.98	47.97	52.80	116.82	75.35	50.31	51.24	45.37	43.86	45.38
	1.33	1.24	0.70	0.53	1.11	1.25	1.57	1.44	0.65	0.57	1.16	2.52	2.22	1.99	1.52	1.26	1.01	2.46	0.67	0.93	1.67	1.13	0.74	0.56
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-43.99	-44.79	-28.70	0.00	-0.96	-2.22	-12.26	-18.46	-27.67	-49.09	-57.40	-26.11	-9.71	-16.35	-24.98	-31.57
GILBOA___4 23759	48.67	47.28	45.09	43.33	46.50	52.55	57.49	64.03	60.39	58.82	56.27	60.67	52.08	48.23	46.98	47.97	52.80	116.82	75.35	50.31	51.24	45.37	43.86	45.38
	1.33	1.24	0.70	0.53	1.11	1.25	1.57	1.44	0.65	0.57	1.16	2.52	2.22	1.99	1.52	1.26	1.01	2.46	0.67	0.93	1.67	1.13	0.74	0.56
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-43.99	-44.79	-28.70	0.00	-0.96	-2.22	-12.26	-18.46	-27.67	-49.09	-57.40	-26.11	-9.71	-16.35	-24.98	-31.57
GILBOA____ 23599	48.67	47.28	45.09	43.33	46.50	52.55	57.49	64.03	60.39	58.82	56.27	60.67	52.08	48.23	46.98	47.97	52.80	116.82	75.35	50.31	51.24	45.37	43.86	45.38
	1.33	1.24	0.70	0.53	1.11	1.25	1.57	1.44	0.65	0.57	1.16	2.52	2.22	1.99	1.52	1.26	1.01	2.46	0.67	0.93	1.67	1.13	0.74	0.56
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-43.99	-44.79	-28.70	0.00	-0.96	-2.22	-12.26	-18.46	-27.67	-49.09	-57.40	-26.11	-9.71	-16.35	-24.98	-31.57
GINNA____ 23603	35.21	32.98	20.81	17.08	30.61	34.11	42.32	37.71	20.72	18.51	29.47	57.45	48.36	43.48	34.14	29.90	26.97	68.91	23.64	25.89	40.08	28.99	20.59	16.69
	-0.43	-0.48	-0.22	-0.14	-0.35	-0.33	-0.67	-0.41	-0.11	-0.12	-0.25	-0.70	-0.66	-0.80	-0.48	-0.48	-0.35	-1.18	-0.27	-0.43	-0.93	-0.81	-0.46	-0.23
	-1.53	-1.64	-3.05	-3.34	-1.89	-2.20	-1.69	-3.19	-5.07	-5.17	-3.32	0.00	-0.11	-0.26	-1.42	-2.13	-3.19	-4.83	-6.64	-3.04	-1.13	-1.90	-2.91	-3.68
GLEN PARK____ 23778	33.85	31.69	18.63	14.83	29.18	32.58	41.96	36.29	17.56	15.03	26.84	55.90	47.34	43.21	27.23	28.51	25.12	67.14	19.53	24.31	40.20	28.48	18.93	14.44
	-0.83	-0.73	-0.49	-0.29	-0.59	-0.47	0.03	0.19	-0.04	-0.32	-0.79	-2.25	-1.61	-0.90	-0.84	-0.53	-0.19	-0.24	-0.22	-0.09	-0.09	-0.11	-0.29	-0.17
	-0.57	-0.61	-1.14	-1.25	-0.70	-0.82	-0.63	-1.17	-1.85	-1.89	-1.23	0.00	-0.04	-0.09	5.13	-0.79	-1.19	-2.12	-2.48	-1.14	-0.42	-0.71	-1.09	-1.37
GLENWOOD_IC_1_G5 23712	50.54	48.85	46.01	44.05	47.91	54.18	59.64	65.95	61.92	60.78	62.60	66.59	55.65	51.97	49.67	50.38	54.36	121.06	76.82	52.46	53.59	47.35	45.53	47.01
	3.18	2.79	1.58	1.22	2.49	2.85	3.70	3.34	1.63	1.42	2.98	6.58	5.63	5.05	3.80	3.15	2.53	6.64	1.81	2.31	3.73	2.64	1.68	1.26
	-13.24	-14.25	-26.44	-28.97	-16.34	-19.09	-14.63	-27.69	-44.53	-45.90	-33.20	-1.86	-1.11	-2.90	-12.68	-18.99	-27.71	-49.15	-57.73	-26.88	-9.99	-16.82	-25.71	-32.50



GLENWOOD_IC_2_G1 23688	50.53 3.18 -13.24	48.76 2.71 -14.25	45.97 1.54 -26.44	44.04 1.21 -28.97	47.83 2.41 -16.34	54.12 2.79 -19.09	59.59 3.65 -14.63	65.87 3.25 -27.69	61.87 1.58 -44.53	60.75 1.38 -45.90	63.73 2.96 -34.35	66.50 6.48 -1.86	55.56 5.55 -1.11	51.87 4.95 -2.90	49.58 3.70 -12.68	50.30 3.07 -18.99	54.26 2.43 -27.71	120.71 6.29 -49.15	76.75 1.74 -57.73	52.37 2.22 -26.88	53.41 3.54 -9.99	47.19 2.48 -16.82	45.43 1.58 -25.71	46.93 1.19 -32.50
GLENWOOD_IC_3_G1 23689	50.53 3.18 -13.24	48.76 2.71 -14.25	45.97 1.54 -26.44	44.04 1.21 -28.97	47.83 2.41 -16.34	54.12 2.79 -19.09	59.59 3.65 -14.63	65.87 3.25 -27.69	61.87 1.58 -44.53	60.75 1.38 -45.90	63.73 2.96 -34.35	66.50 6.48 -1.86	55.56 5.55 -1.11	51.87 4.95 -2.90	49.58 3.70 -12.68	50.30 3.07 -18.99	54.26 2.43 -27.71	120.71 6.29 -49.15	76.75 1.74 -57.73	52.37 2.22 -26.88	53.41 3.54 -9.99	47.19 2.48 -16.82	45.43 1.58 -25.71	46.93 1.19 -32.50
GLENWOOD___4 23550	50.54 3.18 -13.24	48.85 2.79 -14.25	46.01 1.58 -26.44	44.05 1.22 -28.97	47.91 2.49 -16.34	54.18 2.85 -19.09	59.64 3.70 -14.63	65.95 3.34 -27.69	61.92 1.63 -44.53	60.78 1.42 -45.90	62.60 2.98 -33.20	66.59 6.58 -1.86	55.65 5.63 -1.11	51.97 5.05 -2.90	49.67 3.80 -12.68	50.38 3.15 -18.99	54.36 2.53 -27.71	121.06 6.64 -49.15	76.82 1.81 -57.73	52.46 2.31 -26.88	53.59 3.73 -9.99	47.35 2.64 -16.82	45.53 1.68 -25.71	47.01 1.26 -32.50
GLENWOOD___5 23614	50.54 3.18 -13.24	48.85 2.79 -14.25	46.01 1.58 -26.44	44.05 1.22 -28.97	47.91 2.49 -16.34	54.18 2.85 -19.09	59.64 3.70 -14.63	65.95 3.34 -27.69	61.92 1.63 -44.53	60.78 1.42 -45.90	62.60 2.98 -33.20	66.59 6.58 -1.86	55.65 5.63 -1.11	51.97 5.05 -2.90	49.67 3.80 -12.68	50.38 3.15 -18.99	54.36 2.53 -27.71	121.06 6.64 -49.15	76.82 1.81 -57.73	52.46 2.31 -26.88	53.59 3.73 -9.99	47.35 2.64 -16.82	45.53 1.68 -25.71	47.01 1.26 -32.50
GLOBAL GREEN_PORT_GT1 23814	52.25 4.89 -13.24	50.23 4.18 -14.25	46.84 2.41 -26.44	44.74 1.90 -28.97	49.16 3.74 -16.34	55.70 4.38 -19.09	61.68 5.74 -14.63	67.72 5.10 -27.69	62.76 2.48 -44.53	61.46 2.10 -45.90	65.19 4.56 -34.22	69.59 9.58 -1.86	58.29 8.28 -1.11	54.06 7.13 -2.90	51.09 5.21 -12.68	51.64 4.41 -18.99	55.40 3.57 -27.71	124.25 9.83 -49.15	77.75 2.74 -57.73	53.71 3.57 -26.88	55.49 5.63 -9.99	48.81 4.09 -16.82	46.45 2.60 -25.71	47.69 1.95 -32.50
GLOBE___DSASP 323697	34.89 -1.26 -2.05	32.87 -1.15 -2.20	21.57 -0.50 -4.09	18.01 -0.35 -4.48	30.51 -1.09 -2.53	33.84 -1.34 -2.94	40.72 -2.84 -2.25	36.79 -2.41 -4.26	21.59 -0.94 -6.78	19.52 -0.85 -6.90	29.14 -1.70 -4.42	51.38 -3.90 2.87	45.43 -3.31 0.17	41.12 -3.23 -0.34	32.85 -2.24 -1.89	28.94 -2.15 -2.85	26.63 -1.76 -4.26	58.11 -5.67 1.48	24.65 -1.46 -8.83	25.28 -2.05 -4.06	37.68 -3.71 -1.52	27.80 -2.63 -2.55	20.68 -1.35 -3.90	17.59 -0.58 -4.93
GOETHSLN___LBMP 323567	50.03 2.70 -13.22	48.47 2.44 -14.22	45.74 1.37 -26.39	43.81 1.03 -28.91	47.54 2.16 -16.31	53.75 2.46 -19.05	59.08 3.17 -14.60	65.49 2.92 -27.63	61.64 1.44 -44.45	60.51 1.24 -45.80	59.28 2.53 -30.34	65.66 5.66 -1.85	54.80 4.79 -1.10	51.29 4.37 -2.90	49.18 3.33 -12.65	49.95 2.76 -18.95	54.01 2.23 -27.65	120.24 5.92 -49.06	76.48 1.59 -57.61	52.11 2.02 -26.82	53.15 3.31 -9.97	46.93 2.26 -16.78	45.26 1.47 -25.65	46.77 1.10 -32.42
GOODYEAR_LAKE_HYD 323669	38.15 1.49 -2.55	35.91 1.36 -2.74	23.82 0.74 -5.09	20.02 0.57 -5.58	33.41 1.19 -3.15	37.33 1.42 -3.68	46.14 2.02 -2.82	42.18 1.88 -5.36	25.16 0.86 -8.55	22.90 0.72 -8.71	33.22 1.42 -5.39	60.96 3.01 0.20	51.58 2.51 -0.17	46.58 2.20 -0.35	37.14 1.61 -2.32	33.10 1.33 -3.53	30.63 1.16 -5.34	77.87 3.14 -9.47	29.22 0.86 -11.08	29.45 1.11 -5.07	43.58 1.82 -1.88	32.28 1.21 -3.17	23.78 0.79 -4.85	20.00 0.62 -6.13
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.18 0.71 -4.36	37.14 0.63 -4.69	27.05 0.36 -8.71	23.71 0.30 -9.54	35.02 0.57 -5.38	39.20 0.68 -6.29	47.00 0.88 -4.82	45.04 0.95 -9.16	30.84 0.47 -14.61	28.75 0.41 -14.88	36.69 0.80 -9.48	59.89 1.74 0.00	50.67 1.45 -0.31	45.87 1.12 -0.73	38.16 0.91 -4.04	35.03 0.70 -6.09	33.87 0.63 -9.12	84.44 1.65 -17.52	36.68 0.45 -18.95	32.50 0.55 -8.69	43.99 0.89 -3.23	33.86 0.53 -5.44	26.83 0.38 -8.31	24.09 0.33 -10.51
GOUDEY___7 23579	39.21 0.74 -4.36	37.16 0.66 -4.69	27.06 0.37 -8.71	23.72 0.31 -9.54	35.04 0.59 -5.38	39.23 0.71 -6.29	47.03 0.91 -4.82	45.08 0.98 -9.16	30.85 0.49 -14.61	28.77 0.42 -14.88	36.72 0.83 -9.48	59.95 1.80 0.00	50.72 1.50 -0.31	45.91 1.16 -0.73	38.19 0.95 -4.04	35.06 0.73 -6.09	33.90 0.65 -9.12	84.50 1.72 -17.52	36.70 0.47 -18.95	32.53 0.57 -8.69	44.03 0.93 -3.23	33.88 0.56 -5.44	26.85 0.40 -8.31	24.10 0.35 -10.51
GOUDEY___8 23580	39.18 0.71 -4.36	37.14 0.63 -4.69	27.05 0.36 -8.71	23.71 0.30 -9.54	35.02 0.57 -5.38	39.20 0.68 -6.29	47.00 0.88 -4.82	45.04 0.95 -9.16	30.84 0.47 -14.61	28.75 0.41 -14.88	36.69 0.80 -9.48	59.89 1.74 0.00	50.67 1.45 -0.31	45.87 1.12 -0.73	38.16 0.91 -4.04	35.03 0.70 -6.09	33.87 0.63 -9.12	84.44 1.65 -17.52	36.68 0.45 -18.95	32.50 0.55 -8.69	43.99 0.89 -3.23	33.86 0.53 -5.44	26.83 0.38 -8.31	24.09 0.33 -10.51
GOWANUS_GT1_1 24077	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT1_2 24078	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT1_3 24079	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT1_4 24080	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45



GOWANUS_GT1_5 24084	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT1_6 24111	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT1_7 24112	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT1_8 24113	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT2_1 24114	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT2_2 24115	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT2_3 24116	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT2_4 24117	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT2_5 24118	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT2_6 24119	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT2_7 24120	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT2_8 24121	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT3_1 24122	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT3_2 24123	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45
GOWANUS_GT3_3 24124	50.45	48.85	45.97	43.99	47.89	54.14	59.60	65.94	61.87	60.72	59.65	66.43	55.42	51.82	49.56	50.30	54.29	120.97	91.29	52.35	53.54	47.19	45.44	46.91
	3.11	2.81	1.58	1.19	2.49	2.84	3.68	3.36	1.64	1.42	2.88	6.43	5.41	4.90	3.70	3.09	2.50	6.61	1.76	2.24	3.69	2.51	1.64	1.22
	-13.23	-14.23	-26.41	-28.93	-16.32	-19.07	-14.61	-27.65	-44.48	-45.84	-30.36	-1.85	-1.10	-2.90	-12.66	-18.96	-27.67	-49.09	-72.24	-26.85	-9.98	-16.80	-25.67	-32.45



GOWANUS_GT3_4 24125	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT3_5 24126	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT3_6 24127	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT3_7 24128	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT3_8 24129	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT4_1 24130	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT4_2 24131	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT4_3 24132	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT4_4 24133	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT4_5 24134	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT4_6 24135	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT4_7 24136	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GOWANUS_GT4_8 24137	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GREENIDGE___3 23582	37.48 0.69 -2.68	35.27 0.57 -2.88	23.67 0.34 -5.35	20.04 0.30 -5.87	32.95 0.57 -3.31	36.81 0.71 -3.87	45.16 0.89 -2.97	41.68 1.10 -5.64	25.32 0.57 -9.00	23.10 0.46 -9.17	33.12 0.88 -5.83	59.81 1.66 0.00	50.51 1.41 -0.19	45.43 0.96 -0.45	36.59 0.91 -2.49	32.64 0.65 -3.74	30.37 0.63 -5.61	78.89 1.46 -12.17	29.44 0.50 -11.66	29.15 0.53 -5.34	42.59 0.73 -1.99	31.63 0.40 -3.35	23.57 0.32 -5.11	20.02 0.31 -6.46
GREENIDGE___4 23583	37.48 0.69 -2.68	35.27 0.57 -2.88	23.67 0.34 -5.35	20.04 0.30 -5.87	32.95 0.57 -3.31	36.81 0.71 -3.87	45.16 0.89 -2.97	41.68 1.10 -5.64	25.32 0.57 -9.00	23.10 0.46 -9.17	33.12 0.88 -5.83	59.81 1.66 0.00	50.51 1.41 -0.19	45.43 0.96 -0.45	36.59 0.91 -2.49	32.64 0.65 -3.74	30.37 0.63 -5.61	78.89 1.46 -12.17	29.44 0.50 -11.66	29.15 0.53 -5.34	42.59 0.73 -1.99	31.63 0.40 -3.35	23.57 0.32 -5.11	20.02 0.31 -6.46



GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
GROVEVILLE__HYD 323602	49.95 2.69 -13.15	48.38 2.43 -14.14	45.60 1.37 -26.25	43.67 1.04 -28.75	47.46 2.17 -16.22	53.68 2.49 -18.95	59.10 3.27 -14.52	65.40 2.98 -27.48	61.31 1.43 -44.12	60.08 1.23 -45.39	58.78 2.47 -29.90	65.15 5.46 -1.54	54.59 4.62 -1.07	51.00 4.21 -2.77	48.93 3.21 -12.51	49.67 2.66 -18.76	53.84 2.21 -27.50	120.02 5.97 -48.79	76.23 1.60 -57.36	52.12 2.01 -26.84	53.16 3.31 -9.98	46.92 2.23 -16.80	45.25 1.44 -25.67	46.76 1.06 -32.45
HAMPSHIRE__PAPER_HYD 323593	32.81 -1.30 0.00	30.74 -1.07 0.00	17.35 -0.64 0.00	13.40 -0.48 0.00	28.12 -0.95 0.00	31.11 -1.12 0.00	40.41 -0.90 0.00	34.03 -0.90 0.00	15.23 -0.53 0.00	12.92 -0.55 0.00	25.25 -1.16 0.00	55.58 -2.57 0.00	46.60 -2.31 0.00	42.14 -1.88 0.00	15.59 -1.59 16.03	27.13 -1.11 0.00	23.23 -0.89 0.00	63.58 -1.68 0.00	16.75 -0.53 0.00	22.70 -0.56 0.00	38.90 -0.97 0.00	27.23 -0.66 0.00	17.61 -0.53 0.00	12.81 -0.43 0.00
HARDSCRABBLE_WT_PWR 323673	33.53 -0.25 0.33	31.20 -0.26 0.36	17.23 -0.09 0.66	13.04 -0.11 0.72	28.51 -0.16 0.41	31.64 -0.12 0.48	40.92 -0.02 0.36	34.24 -0.01 0.69	14.63 -0.03 1.09	12.41 0.05 1.11	25.67 -0.02 0.72	57.66 -0.49 0.00	48.49 -0.38 0.02	43.76 -0.21 0.05	34.13 -0.15 -1.08	27.69 -0.09 0.46	23.39 -0.05 0.69	63.95 -0.09 1.22	15.82 -0.03 1.44	22.57 -0.03 0.66	39.46 -0.17 0.24	27.21 -0.27 0.41	17.29 -0.21 0.63	12.32 -0.13 0.80
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.47 2.42 -11.94	46.82 2.16 -12.84	43.04 1.22 -23.84	40.92 0.94 -26.11	45.76 1.95 -14.74	51.70 2.25 -17.21	57.47 2.97 -13.19	62.62 2.72 -24.96	57.16 1.29 -40.12	55.87 1.10 -41.31	55.93 2.24 -27.29	64.63 4.94 -1.54	54.02 4.13 -0.98	50.39 3.80 -2.57	47.52 2.92 -11.40	47.76 2.44 -17.08	51.12 2.02 -24.98	115.04 5.46 -44.32	70.84 1.47 -52.09	49.47 1.84 -24.36	51.90 2.97 -9.06	45.14 2.00 -15.25	42.73 1.29 -23.31	43.67 0.96 -29.46
HARZA MOOSE__RIVER 24016	34.21 0.10 0.00	31.91 0.10 0.00	18.02 0.03 0.00	13.92 0.05 0.00	29.20 0.13 0.00	32.48 0.24 0.00	41.98 0.67 0.00	35.60 0.67 0.00	16.02 0.27 0.00	13.60 0.13 0.00	26.60 0.19 0.00	58.33 0.18 0.00	49.06 0.16 0.00	44.33 0.31 0.00	29.90 0.13 3.44	28.43 0.19 0.00	24.37 0.24 0.00	66.25 0.99 0.00	17.49 0.22 0.00	23.62 0.36 0.00	40.43 0.55 0.00	28.23 0.34 0.00	18.29 0.15 0.00	13.36 0.11 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.33 3.00 -13.23	48.74 2.70 -14.23	45.91 1.52 -26.41	43.95 1.15 -28.93	47.80 2.41 -16.32	54.01 2.71 -19.07	59.40 3.48 -14.61	65.75 3.17 -27.65	61.78 1.55 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.25 5.25 -1.10	51.68 4.76 -2.90	49.46 3.60 -12.66	50.20 2.99 -18.96	54.17 2.38 -27.67	120.56 6.20 -49.09	76.59 1.66 -57.65	52.22 2.12 -26.83	53.38 3.53 -9.98	47.07 2.38 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
HEMPSTEAD____ 23647	50.58 3.23 -13.24	48.81 2.75 -14.25	45.99 1.57 -26.44	44.05 1.22 -28.97	47.87 2.46 -16.34	54.16 2.83 -19.09	59.63 3.69 -14.63	65.92 3.30 -27.69	61.89 1.61 -44.53	60.76 1.40 -45.90	63.01 2.97 -33.63	66.53 6.52 -1.86	55.60 5.59 -1.11	51.93 5.00 -2.90	49.61 3.74 -12.68	50.33 3.09 -18.99	54.28 2.45 -27.71	120.79 6.38 -49.15	76.76 1.75 -57.73	52.39 2.25 -26.88	53.43 3.57 -9.99	47.33 2.62 -16.82	45.51 1.67 -25.71	47.01 1.27 -32.50
HICKLING__1 23621	38.44 0.84 -3.50	36.30 0.73 -3.76	25.40 0.43 -6.98	21.91 0.39 -7.65	34.09 0.70 -4.32	38.12 0.84 -5.04	46.18 1.02 -3.87	43.45 1.16 -7.36	28.10 0.60 -11.74	25.94 0.52 -11.96	35.03 1.02 -7.60	60.65 2.16 -0.34	50.94 1.79 -0.25	45.87 1.26 -0.59	37.64 1.20 -3.24	33.95 0.83 -4.88	32.18 0.75 -7.31	83.73 1.88 -16.59	33.03 0.56 -15.20	30.81 0.58 -6.97	43.29 0.83 -2.59	32.70 0.45 -4.36	25.19 0.39 -6.67	22.07 0.40 -8.43
HICKLING__2 23622	38.44 0.84 -3.50	36.30 0.73 -3.76	25.40 0.43 -6.98	21.91 0.39 -7.65	34.09 0.70 -4.32	38.12 0.84 -5.04	46.18 1.02 -3.87	43.45 1.16 -7.36	28.10 0.60 -11.74	25.94 0.52 -11.96	35.03 1.02 -7.60	60.65 2.16 -0.34	50.94 1.79 -0.25	45.87 1.26 -0.59	37.64 1.20 -3.24	33.95 0.83 -4.88	32.18 0.75 -7.31	83.73 1.88 -16.59	33.03 0.56 -15.20	30.81 0.58 -6.97	43.29 0.83 -2.59	32.70 0.45 -4.36	25.19 0.39 -6.67	22.07 0.40 -8.43
HIGH FALLS__HY 23754	49.72 2.91 -12.69	48.07 2.60 -13.65	44.79 1.47 -25.34	42.76 1.13 -27.76	47.09 2.35 -15.66	53.25 2.72 -18.30	58.98 3.64 -14.03	64.77 3.30 -26.53	59.85 1.54 -42.55	58.48 1.31 -43.71	57.73 2.63 -28.69	65.25 5.82 -1.28	54.65 4.73 -1.02	50.93 4.31 -2.60	48.65 3.41 -12.04	49.12 2.82 -18.06	53.05 2.38 -26.55	118.86 6.48 -47.11	74.51 1.74 -55.49	51.63 2.12 -26.24	53.11 3.49 -9.75	46.68 2.37 -16.42	44.76 1.52 -25.10	46.10 1.13 -31.73
HILLBURN__GT 23639	48.65 2.47 -12.07	47.02 2.22 -12.99	43.34 1.25 -24.11	41.24 0.96 -26.41	45.98 2.00 -14.90	51.95 2.30 -17.41	57.68 3.03 -13.34	62.96 2.78 -25.24	57.65 1.32 -40.58	56.37 1.12 -41.78	56.29 2.27 -27.61	64.76 5.03 -1.57	54.12 4.22 -1.00	50.49 3.86 -2.60	47.70 2.97 -11.53	48.00 2.48 -17.28	51.43 2.04 -25.26	115.61 5.52 -44.82	71.44 1.48 -52.68	49.75 1.85 -24.63	52.01 2.98 -9.16	45.31 2.00 -15.42	43.00 1.30 -23.56	44.02 0.98 -29.78
HISHELDN_WT_PWR 323625	36.14 -0.37 -2.40	33.98 -0.41 -2.58	22.62 -0.15 -4.79	19.08 -0.04 -5.24	31.73 -0.31 -2.96	35.33 -0.37 -3.46	42.75 -1.21 -2.65	39.22 -0.75 -5.03	23.44 -0.22 -7.91	20.87 -0.27 -7.66	31.04 -0.58 -5.21	58.00 -1.44 -1.30	47.86 -1.28 -0.23	43.06 -1.37 -0.41	34.83 -0.59 -2.22	30.76 -0.83 -3.35	28.43 -0.71 -5.02	85.88 -2.33 -22.95	27.02 -0.68 -10.42	26.91 -1.14 -4.78	39.46 -2.19 -1.78	29.26 -1.62 -2.99	21.93 -0.77 -4.57	18.79 -0.23 -5.78
HOLTSVILLE_IC_1 23690	51.19 3.84 -13.24	49.27 3.22 -14.25	46.28 1.86 -26.44	44.31 1.47 -28.97	48.29 2.87 -16.34	54.64 3.32 -19.09	60.24 4.30 -14.63	66.43 3.81 -27.69	62.15 1.86 -44.53	60.96 1.60 -45.90	64.14 3.51 -34.23	67.61 7.59 -1.86	56.56 6.55 -1.11	52.63 5.71 -2.90	49.98 4.10 -12.68	50.69 3.46 -18.99	54.53 2.70 -27.71	121.60 7.18 -49.15	77.01 2.00 -57.73	52.73 2.58 -26.88	53.90 4.04 -9.99	47.75 3.04 -16.82	45.79 1.94 -25.71	47.24 1.50 -32.50
HOLTSVILLE_IC_10 23699	51.44 4.09 -13.24	49.51 3.45 -14.25	46.42 2.00 -26.44	44.41 1.57 -28.97	48.49 3.08 -16.34	54.90 3.58 -19.09	60.61 4.67 -14.63	66.75 4.13 -27.69	62.30 2.01 -44.53	61.08 1.72 -45.90	64.37 3.75 -34.21	68.14 8.13 -1.86	57.04 7.03 -1.11	53.05 6.12 -2.90	50.28 4.41 -12.68	50.93 3.70 -18.99	54.73 2.90 -27.71	122.08 7.66 -49.15	77.15 2.14 -57.73	52.91 2.77 -26.88	54.21 4.34 -9.99	47.96 3.24 -16.82	45.93 2.08 -25.71	47.34 1.60 -32.50



HOLTSVILLE_IC_2 23691	51.19 3.84 -13.24	49.27 3.22 -14.25	46.28 1.86 -26.44	44.31 1.47 -28.97	48.29 2.87 -16.34	54.64 3.32 -19.09	60.24 4.30 -14.63	66.43 3.81 -27.69	62.15 1.86 -44.53	60.96 1.60 -45.90	64.14 3.51 -34.23	67.61 7.59 -1.86	56.56 6.55 -1.11	52.63 5.71 -2.90	49.98 4.10 -12.68	50.69 3.46 -18.99	54.53 2.70 -27.71	121.60 7.18 -49.15	77.01 2.00 -57.73	52.73 2.58 -26.88	53.90 4.04 -9.99	47.75 3.04 -16.82	45.79 1.94 -25.71	47.24 1.50 -32.50
HOLTSVILLE_IC_3 23692	51.19 3.84 -13.24	49.27 3.22 -14.25	46.28 1.86 -26.44	44.31 1.47 -28.97	48.29 2.87 -16.34	54.64 3.32 -19.09	60.24 4.30 -14.63	66.43 3.81 -27.69	62.15 1.86 -44.53	60.96 1.60 -45.90	64.14 3.51 -34.23	67.61 7.59 -1.86	56.56 6.55 -1.11	52.63 5.71 -2.90	49.98 4.10 -12.68	50.69 3.46 -18.99	54.53 2.70 -27.71	121.60 7.18 -49.15	77.01 2.00 -57.73	52.73 2.58 -26.88	53.90 4.04 -9.99	47.75 3.04 -16.82	45.79 1.94 -25.71	47.24 1.50 -32.50
HOLTSVILLE_IC_4 23693	51.19 3.84 -13.24	49.27 3.22 -14.25	46.28 1.86 -26.44	44.31 1.47 -28.97	48.29 2.87 -16.34	54.64 3.32 -19.09	60.24 4.30 -14.63	66.43 3.81 -27.69	62.15 1.86 -44.53	60.96 1.60 -45.90	64.14 3.51 -34.23	67.61 7.59 -1.86	56.56 6.55 -1.11	52.63 5.71 -2.90	49.98 4.10 -12.68	50.69 3.46 -18.99	54.53 2.70 -27.71	121.60 7.18 -49.15	77.01 2.00 -57.73	52.73 2.58 -26.88	53.90 4.04 -9.99	47.75 3.04 -16.82	45.79 1.94 -25.71	47.24 1.50 -32.50
HOLTSVILLE_IC_5 23694	51.19 3.84 -13.24	49.27 3.22 -14.25	46.28 1.86 -26.44	44.31 1.47 -28.97	48.29 2.87 -16.34	54.64 3.32 -19.09	60.24 4.30 -14.63	66.43 3.81 -27.69	62.15 1.86 -44.53	60.96 1.60 -45.90	64.14 3.51 -34.23	67.61 7.59 -1.86	56.56 6.55 -1.11	52.63 5.71 -2.90	49.98 4.10 -12.68	50.69 3.46 -18.99	54.53 2.70 -27.71	121.60 7.18 -49.15	77.01 2.00 -57.73	52.73 2.58 -26.88	53.90 4.04 -9.99	47.75 3.04 -16.82	45.79 1.94 -25.71	47.24 1.50 -32.50
HOLTSVILLE_IC_6 23695	51.44 4.09 -13.24	49.51 3.45 -14.25	46.42 2.00 -26.44	44.41 1.57 -28.97	48.49 3.08 -16.34	54.90 3.58 -19.09	60.61 4.67 -14.63	66.75 4.13 -27.69	62.30 2.01 -44.53	61.08 1.72 -45.90	64.37 3.75 -34.21	68.14 8.13 -1.86	57.04 7.03 -1.11	53.05 6.12 -2.90	50.28 4.41 -12.68	50.93 3.70 -18.99	54.73 2.90 -27.71	122.08 7.66 -49.15	77.15 2.14 -57.73	52.91 2.77 -26.88	54.21 4.34 -9.99	47.96 3.24 -16.82	45.93 2.08 -25.71	47.34 1.60 -32.50
HOLTSVILLE_IC_7 23696	51.44 4.09 -13.24	49.51 3.45 -14.25	46.42 2.00 -26.44	44.41 1.57 -28.97	48.49 3.08 -16.34	54.90 3.58 -19.09	60.61 4.67 -14.63	66.75 4.13 -27.69	62.30 2.01 -44.53	61.08 1.72 -45.90	64.37 3.75 -34.21	68.14 8.13 -1.86	57.04 7.03 -1.11	53.05 6.12 -2.90	50.28 4.41 -12.68	50.93 3.70 -18.99	54.73 2.90 -27.71	122.08 7.66 -49.15	77.15 2.14 -57.73	52.91 2.77 -26.88	54.21 4.34 -9.99	47.96 3.24 -16.82	45.93 2.08 -25.71	47.34 1.60 -32.50
HOLTSVILLE_IC_8 23697	51.44 4.09 -13.24	49.51 3.45 -14.25	46.42 2.00 -26.44	44.41 1.57 -28.97	48.49 3.08 -16.34	54.90 3.58 -19.09	60.61 4.67 -14.63	66.75 4.13 -27.69	62.30 2.01 -44.53	61.08 1.72 -45.90	64.37 3.75 -34.21	68.14 8.13 -1.86	57.04 7.03 -1.11	53.05 6.12 -2.90	50.28 4.41 -12.68	50.93 3.70 -18.99	54.73 2.90 -27.71	122.08 7.66 -49.15	77.15 2.14 -57.73	52.91 2.77 -26.88	54.21 4.34 -9.99	47.96 3.24 -16.82	45.93 2.08 -25.71	47.34 1.60 -32.50
HOLTSVILLE_IC_9 23698	51.44 4.09 -13.24	49.51 3.45 -14.25	46.42 2.00 -26.44	44.41 1.57 -28.97	48.49 3.08 -16.34	54.90 3.58 -19.09	60.61 4.67 -14.63	66.75 4.13 -27.69	62.30 2.01 -44.53	61.08 1.72 -45.90	64.37 3.75 -34.21	68.14 8.13 -1.86	57.04 7.03 -1.11	53.05 6.12 -2.90	50.28 4.41 -12.68	50.93 3.70 -18.99	54.73 2.90 -27.71	122.08 7.66 -49.15	77.15 2.14 -57.73	52.91 2.77 -26.88	54.21 4.34 -9.99	47.96 3.24 -16.82	45.93 2.08 -25.71	47.34 1.60 -32.50
HOWARD_WT_PWR 323690	37.28 0.34 -2.83	35.11 0.25 -3.04	23.79 0.16 -5.64	20.23 0.18 -6.18	32.91 0.35 -3.49	36.75 0.44 -4.08	44.66 0.23 -3.13	41.45 0.57 -5.95	25.90 0.40 -9.75	24.50 0.28 -10.76	33.11 0.55 -6.15	59.94 0.94 -0.85	49.77 0.63 -0.23	44.95 0.45 -0.48	36.50 0.68 -2.62	32.46 0.27 -3.95	30.30 0.27 -5.91	82.88 1.12 -16.49	29.91 0.35 -12.29	28.83 -0.07 -5.63	41.53 -0.44 -2.09	31.04 -0.38 -3.53	23.39 -0.13 -5.39	20.16 0.10 -6.81
HQ_GEN_CEDARS 23644	32.97 -1.14 0.00	31.06 -0.75 0.00	17.55 -0.43 0.00	13.52 -0.35 0.00	28.37 -0.70 0.00	31.09 -1.15 0.00	40.32 -0.98 0.00	33.60 -1.33 0.00	15.00 -0.75 0.00	12.82 -0.64 0.00	25.14 -1.28 0.00	55.75 -2.40 0.00	46.47 -2.43 0.00	41.91 -2.11 0.00	2.76 -1.84 28.60	27.06 -1.18 0.00	23.03 -1.09 0.00	63.35 -1.91 0.00	16.68 -0.59 0.00	22.62 -0.65 0.00	38.79 -1.08 0.00	27.25 -0.64 0.00	17.68 -0.45 0.00	12.82 -0.42 0.00
HQ_GEN_CEDARS_PROXY 323590	32.97 -1.14 0.00	31.06 -0.75 0.00	17.55 -0.43 0.00	13.52 -0.35 0.00	28.37 -0.70 0.00	31.09 -1.15 0.00	42.80 -0.98 -2.48	33.60 -1.33 0.00	15.00 -0.75 0.00	12.82 -0.64 0.00	25.14 -1.28 0.00	55.75 -2.40 0.00	46.47 -2.43 0.00	41.91 -2.11 0.00	2.76 -1.84 28.60	27.06 -1.18 0.00	23.03 -1.09 0.00	63.35 -1.91 0.00	16.68 -0.59 0.00	22.62 -0.65 0.00	38.79 -1.08 0.00	27.25 -0.64 0.00	17.68 -0.45 0.00	12.82 -0.42 0.00
HQ_GEN_IMPORT 323601	33.46 -0.65 0.00	31.25 -0.56 0.00	17.66 -0.32 0.00	13.62 -0.26 0.00	28.56 -0.51 0.00	31.60 -0.63 0.00	40.51 -0.80 0.00	34.09 -0.85 0.00	15.34 -0.42 0.00	13.12 -0.35 0.00	25.71 -0.69 0.00	56.70 -1.45 0.00	47.61 -1.30 0.00	42.86 -1.16 0.00	24.34 -0.93 7.94	27.51 -0.73 0.00	23.49 -0.63 0.00	63.75 -1.52 0.00	16.86 -0.42 0.00	22.75 -0.52 0.00	36.54 -0.86 2.47	27.37 -0.52 0.00	17.78 -0.35 0.00	12.94 -0.31 0.00
HQ_GEN_WHEEL 23651	33.46 -0.65 0.00	31.25 -0.56 0.00	17.66 -0.32 0.00	13.62 -0.26 0.00	28.56 -0.51 0.00	31.60 -0.63 0.00	40.51 -0.80 0.00	34.09 -0.85 0.00	15.34 -0.42 0.00	13.12 -0.35 0.00	25.71 -0.69 0.00	56.70 -1.45 0.00	47.61 -1.30 0.00	42.86 -1.16 0.00	24.34 -0.93 7.94	27.51 -0.73 0.00	23.49 -0.63 0.00	63.75 -1.52 0.00	16.86 -0.42 0.00	22.75 -0.52 0.00	36.54 -0.86 2.47	27.37 -0.52 0.00	17.78 -0.35 0.00	12.94 -0.31 0.00
HUDSON_AVE_GT_3 23810	50.22 2.89 -13.22	48.64 2.61 -14.22	45.83 1.46 -26.39	43.88 1.10 -28.91	47.70 2.31 -16.31	53.92 2.64 -19.05	59.31 3.41 -14.60	65.69 3.13 -27.63	61.74 1.54 -44.45	60.60 1.34 -45.80	59.46 2.71 -30.34	66.06 6.06 -1.85	55.15 5.14 -1.10	51.59 4.68 -2.90	49.41 3.56 -12.65	50.13 2.94 -18.95	54.16 2.39 -27.65	120.63 6.31 -49.06	76.58 1.69 -57.61	52.24 2.15 -26.82	53.37 3.53 -9.97	47.08 2.41 -16.78	45.36 1.57 -25.65	46.84 1.17 -32.42
HUDSON_AVE_GT_4 23540	50.22 2.89 -13.22	48.64 2.61 -14.22	45.83 1.46 -26.39	43.88 1.10 -28.91	47.70 2.31 -16.31	53.92 2.64 -19.05	59.31 3.41 -14.60	65.69 3.13 -27.63	61.74 1.54 -44.45	60.60 1.34 -45.80	59.46 2.71 -30.34	66.06 6.06 -1.85	55.15 5.14 -1.10	51.59 4.68 -2.90	49.41 3.56 -12.65	50.13 2.94 -18.95	54.16 2.39 -27.65	120.63 6.31 -49.06	76.58 1.69 -57.61	52.24 2.15 -26.82	53.37 3.53 -9.97	47.08 2.41 -16.78	45.36 1.57 -25.65	46.84 1.17 -32.42



HUDSON AVE_GT_5 23657	50.22 2.89 -13.22	48.64 2.61 -14.22	45.83 1.46 -26.39	43.88 1.10 -28.91	47.70 2.31 -16.31	53.92 2.64 -19.05	59.31 3.41 -14.60	65.69 3.13 -27.63	61.74 1.54 -44.45	60.60 1.34 -45.80	59.46 2.71 -30.34	66.06 6.06 -1.85	55.15 5.14 -1.10	51.59 4.68 -2.90	49.41 3.56 -12.65	50.13 2.94 -18.95	54.16 2.39 -27.65	120.63 6.31 -49.06	76.58 1.69 -57.61	52.24 2.15 -26.82	53.37 3.53 -9.97	47.08 2.41 -16.78	45.36 1.57 -25.65	46.84 1.17 -32.42
HUDSON AVE_10 24168	50.10 2.77 -13.22	48.53 2.50 -14.22	45.77 1.40 -26.39	43.84 1.06 -28.91	47.61 2.22 -16.31	53.82 2.53 -19.05	59.19 3.28 -14.60	65.59 3.02 -27.63	61.68 1.49 -44.45	60.56 1.29 -45.80	59.34 2.59 -30.34	65.80 5.79 -1.85	54.93 4.93 -1.10	51.41 4.49 -2.90	49.26 3.41 -12.65	49.99 2.80 -18.95	54.02 2.26 -27.64	120.29 5.98 -49.05	76.48 1.60 -57.61	52.10 2.03 -26.81	53.20 3.36 -9.97	46.94 2.27 -16.78	45.29 1.50 -25.65	46.78 1.12 -32.42
HUNTER MOUNT___DRP 323613	50.57 2.19 -14.27	49.16 2.00 -15.35	47.58 1.11 -28.48	45.92 0.85 -31.20	48.46 1.79 -17.60	54.87 2.07 -20.56	59.79 2.72 -15.76	67.27 2.51 -29.82	64.56 1.17 -47.64	63.20 1.01 -48.72	59.96 1.93 -31.62	63.06 4.16 -0.75	53.72 3.73 -1.09	49.93 3.24 -2.67	48.97 2.39 -13.38	50.32 1.96 -20.11	55.67 1.70 -29.85	123.12 4.90 -52.95	80.85 1.30 -62.27	54.06 1.59 -29.20	53.38 2.65 -10.85	47.93 1.77 -18.28	47.18 1.11 -27.93	49.36 0.81 -35.31
HUNTINGTON_RES_REC 323705	50.94 3.59 -13.24	49.06 3.01 -14.25	46.16 1.74 -26.44	44.21 1.37 -28.97	48.10 2.68 -16.34	54.43 3.11 -19.09	60.00 4.06 -14.63	66.22 3.60 -27.69	62.05 1.77 -44.53	60.88 1.52 -45.90	63.93 3.31 -34.21	67.23 7.22 -1.86	56.25 6.24 -1.11	52.42 5.49 -2.90	49.85 3.98 -12.68	50.56 3.33 -18.99	54.46 2.63 -27.71	121.29 6.88 -49.15	76.93 1.92 -57.73	52.63 2.48 -26.88	53.69 3.83 -9.99	47.57 2.86 -16.82	45.67 1.82 -25.71	47.15 1.40 -32.50
HUNTLEY___63 23557	35.86 -0.33 -2.08	33.74 -0.30 -2.24	22.07 -0.06 -4.15	18.42 0.00 -4.55	31.33 -0.31 -2.57	34.84 -0.40 -3.00	42.25 -1.36 -2.31	38.38 -0.94 -4.39	22.39 -0.23 -6.87	19.80 -0.25 -6.58	30.40 -0.55 -4.54	60.09 -1.37 -3.31	48.27 -1.16 -0.53	42.99 -1.39 -0.36	34.12 -1.01 -1.93	30.01 -1.13 -2.90	27.60 -0.88 -4.35	74.51 -3.17 -12.42	25.53 -0.80 -9.05	26.20 -1.22 -4.15	39.06 -2.35 -1.54	28.76 -1.72 -2.60	21.33 -0.77 -3.96	18.05 -0.20 -5.01
HUNTLEY___64 23558	35.86 -0.33 -2.08	33.74 -0.30 -2.24	22.07 -0.06 -4.15	18.42 0.00 -4.55	31.33 -0.31 -2.57	34.84 -0.40 -3.00	42.25 -1.36 -2.31	38.38 -0.94 -4.39	22.39 -0.23 -6.87	19.80 -0.25 -6.58	30.40 -0.55 -4.54	60.09 -1.37 -3.31	48.27 -1.16 -0.53	42.99 -1.39 -0.36	34.12 -1.01 -1.93	30.01 -1.13 -2.90	27.60 -0.88 -4.35	74.51 -3.17 -12.42	25.53 -0.80 -9.05	26.20 -1.22 -4.15	39.06 -2.35 -1.54	28.76 -1.72 -2.60	21.33 -0.77 -3.96	18.05 -0.20 -5.01
HUNTLEY___65 23559	35.86 -0.33 -2.08	33.74 -0.30 -2.24	22.07 -0.06 -4.15	18.42 0.00 -4.55	31.33 -0.31 -2.57	34.84 -0.40 -3.00	42.25 -1.36 -2.31	38.38 -0.94 -4.39	22.39 -0.23 -6.87	19.80 -0.25 -6.58	30.40 -0.55 -4.54	60.09 -1.37 -3.31	48.27 -1.16 -0.53	42.99 -1.39 -0.36	34.12 -1.01 -1.93	30.01 -1.13 -2.90	27.60 -0.88 -4.35	74.51 -3.17 -12.42	25.53 -0.80 -9.05	26.20 -1.22 -4.15	39.06 -2.35 -1.54	28.76 -1.72 -2.60	21.33 -0.77 -3.96	18.05 -0.20 -5.01
HUNTLEY___66 23560	35.86 -0.33 -2.08	33.74 -0.30 -2.24	22.07 -0.06 -4.15	18.42 0.00 -4.55	31.33 -0.31 -2.57	34.84 -0.40 -3.00	42.25 -1.36 -2.31	38.38 -0.94 -4.39	22.39 -0.23 -6.87	19.80 -0.25 -6.58	30.40 -0.55 -4.54	60.09 -1.37 -3.31	48.27 -1.16 -0.53	42.99 -1.39 -0.36	34.12 -1.01 -1.93	30.01 -1.13 -2.90	27.60 -0.88 -4.35	74.51 -3.17 -12.42	25.53 -0.80 -9.05	26.20 -1.22 -4.15	39.06 -2.35 -1.54	28.76 -1.72 -2.60	21.33 -0.77 -3.96	18.05 -0.20 -5.01
HUNTLEY___67 23561	35.70 -0.54 -2.12	33.58 -0.51 -2.28	22.05 -0.17 -4.23	18.43 -0.08 -4.64	31.24 -0.45 -2.62	34.71 -0.58 -3.06	41.89 -1.76 -2.34	38.00 -1.39 -4.45	22.24 -0.43 -6.92	19.56 -0.42 -6.51	30.15 -0.87 -4.61	58.26 -2.10 -2.21	47.37 -1.77 -0.24	42.48 -1.90 -0.36	34.00 -1.17 -1.96	29.93 -1.27 -2.96	27.55 -1.01 -4.44	91.53 -3.51 -29.77	25.59 -0.90 -9.22	26.17 -1.32 -4.22	38.89 -2.55 -1.57	28.71 -1.83 -2.65	21.34 -0.84 -4.04	18.10 -0.25 -5.11
HUNTLEY___68 23562	35.70 -0.54 -2.12	33.58 -0.51 -2.28	22.05 -0.17 -4.23	18.43 -0.08 -4.64	31.24 -0.45 -2.62	34.71 -0.58 -3.06	41.89 -1.76 -2.34	38.00 -1.39 -4.45	22.24 -0.43 -6.92	19.56 -0.42 -6.51	30.15 -0.87 -4.61	58.26 -2.10 -2.21	47.37 -1.77 -0.24	42.48 -1.90 -0.36	34.00 -1.17 -1.96	29.93 -1.27 -2.96	27.55 -1.01 -4.44	91.53 -3.51 -29.77	25.59 -0.90 -9.22	26.17 -1.32 -4.22	38.89 -2.55 -1.57	28.71 -1.83 -2.65	21.34 -0.84 -4.04	18.10 -0.25 -5.11
HYLAND___LFGE 323620	37.94 1.52 -2.31	35.61 1.31 -2.49	23.38 0.79 -4.62	19.58 0.65 -5.05	33.18 1.26 -2.85	37.09 1.53 -3.33	45.70 1.84 -2.55	41.71 1.92 -4.85	24.54 1.05 -7.73	22.20 0.86 -7.87	33.12 1.69 -5.02	61.80 3.50 -0.15	51.86 2.77 -0.19	46.54 2.13 -0.39	37.28 1.94 -2.14	32.96 1.49 -3.22	30.31 1.35 -4.83	80.79 3.68 -11.85	28.32 1.01 -10.04	28.99 1.12 -4.60	43.17 1.59 -1.71	31.71 0.93 -2.88	23.24 0.70 -4.40	19.48 0.67 -5.56
INDECK___CORINTH 23802	55.08 1.52 -19.45	54.17 1.44 -20.92	57.61 0.80 -38.83	57.02 0.61 -42.53	54.34 1.27 -24.00	61.52 1.25 -28.03	64.58 1.79 -21.49	77.28 1.70 -40.64	80.67 0.76 -64.16	78.84 0.61 -64.76	68.01 1.09 -40.51	58.45 2.18 1.88	52.12 1.96 -1.25	48.24 1.64 -2.58	53.14 1.30 -18.65	56.09 1.21 -26.63	66.00 1.20 -40.68	141.04 3.60 -72.17	102.67 0.93 -84.46	63.05 1.19 -38.59	56.24 2.03 -14.35	53.22 1.18 -24.16	55.78 0.73 -36.92	60.43 0.52 -46.66
INDECK___ILION 23567	33.90 0.12 0.33	31.54 0.08 0.36	17.40 0.07 0.66	13.20 0.04 0.72	28.79 0.12 0.41	31.95 0.19 0.48	41.24 0.30 0.36	34.57 0.32 0.69	14.81 0.15 1.09	12.49 0.14 1.11	25.92 0.23 0.72	58.46 0.31 0.00	49.14 0.26 0.02	44.28 0.31 0.05	34.52 0.23 -1.08	27.99 0.20 0.46	23.64 0.20 0.69	64.66 0.62 1.22	16.01 0.17 1.44	22.82 0.21 0.66	39.94 0.31 0.24	27.61 0.14 0.41	17.58 0.07 0.63	12.51 0.06 0.80
INDECK___OLEAN 23982	37.61 1.11 -2.38	35.31 0.94 -2.56	23.33 0.59 -4.76	19.59 0.50 -5.21	32.90 0.88 -2.94	36.66 0.99 -3.44	44.65 0.71 -2.63	41.03 1.09 -5.00	25.73 0.70 -9.28	27.69 0.57 -13.65	32.78 1.19 -5.18	63.08 2.72 -2.21	51.47 2.33 -0.24	46.23 1.80 -0.41	37.03 1.62 -2.21	32.50 0.93 -3.33	29.98 0.87 -4.99	86.88 1.96 -19.67	28.11 0.47 -10.36	28.46 0.44 -4.75	42.12 0.49 -1.77	31.08 0.22 -2.97	23.08 0.41 -4.54	19.57 0.58 -5.74
INDECK___OSWEGO 23783	34.63 -0.53 -1.05	32.42 -0.52 -1.13	19.78 -0.30 -2.09	15.95 -0.21 -2.29	29.91 -0.46 -1.29	33.29 -0.45 -1.51	41.91 -0.55 -1.16	36.74 -0.35 -2.16	19.01 -0.15 -3.41	16.78 -0.32 -3.47	28.35 -0.79 -2.26	57.36 -0.61 0.00	48.37 -0.57 -0.07	43.62 -0.40 -0.18	33.77 -0.40 -0.97	29.34 -0.36 -1.46	26.04 -0.27 -2.19	68.37 -0.78 -3.89	21.62 -0.21 -4.55	25.06 -0.30 -2.09	40.12 -0.53 -0.78	28.78 -0.42 -1.31	19.85 -0.28 -2.00	15.60 -0.17 -2.52



INDECK___YERKES 23781	35.90 -0.29 -2.08	33.78 -0.27 -2.24	22.09 -0.04 -4.15	18.44 0.01 -4.55	31.37 -0.27 -2.57	34.88 -0.35 -3.00	42.30 -1.31 -2.31	38.41 -0.91 -4.39	22.41 -0.21 -6.87	19.82 -0.22 -6.58	30.43 -0.52 -4.54	60.15 -1.31 -3.31	48.34 -1.09 -0.53	43.04 -1.33 -0.36	34.17 -0.96 -1.93	30.04 -1.10 -2.90	27.62 -0.86 -4.35	74.58 -3.10 -12.42	25.55 -0.78 -9.05	26.22 -1.19 -4.15	39.11 -2.30 -1.54	28.79 -1.69 -2.60	21.35 -0.75 -3.96	18.06 -0.19 -5.01
INDIAN POINT_GT_1 24139	49.63 2.53 -12.99	48.07 2.28 -13.97	45.20 1.28 -25.94	43.26 0.98 -28.41	47.15 2.04 -16.03	53.29 2.33 -18.72	58.69 3.03 -14.35	64.87 2.78 -27.15	60.77 1.34 -43.68	59.62 1.15 -45.01	58.55 2.34 -29.80	65.17 5.22 -1.80	54.39 4.40 -1.08	50.88 4.01 -2.84	48.69 3.06 -12.43	49.40 2.54 -18.62	53.38 2.08 -27.18	119.07 5.59 -48.21	75.40 1.49 -56.62	51.52 1.88 -26.37	52.75 3.08 -9.80	46.47 2.08 -16.50	44.71 1.36 -25.22	46.14 1.02 -31.88
INDIAN POINT_GT_2 23659	49.63 2.53 -12.99	48.07 2.28 -13.97	45.20 1.28 -25.94	43.26 0.98 -28.41	47.15 2.04 -16.03	53.29 2.33 -18.72	58.69 3.03 -14.35	64.87 2.78 -27.15	60.77 1.34 -43.68	59.62 1.15 -45.01	58.55 2.34 -29.80	65.17 5.22 -1.80	54.39 4.40 -1.08	50.88 4.01 -2.84	48.69 3.06 -12.43	49.40 2.54 -18.62	53.38 2.08 -27.18	119.07 5.59 -48.21	75.40 1.49 -56.62	51.52 1.88 -26.37	52.75 3.08 -9.80	46.47 2.08 -16.50	44.71 1.36 -25.22	46.14 1.02 -31.88
INDIAN POINT_GT_3 24019	49.63 2.53 -12.99	48.07 2.28 -13.97	45.20 1.28 -25.94	43.26 0.98 -28.41	47.15 2.04 -16.03	53.29 2.33 -18.72	58.69 3.03 -14.35	64.87 2.78 -27.15	60.77 1.34 -43.68	59.62 1.15 -45.01	58.55 2.34 -29.80	65.17 5.22 -1.80	54.39 4.40 -1.08	50.88 4.01 -2.84	48.69 3.06 -12.43	49.40 2.54 -18.62	53.38 2.08 -27.18	119.07 5.59 -48.21	75.40 1.49 -56.62	51.52 1.88 -26.37	52.75 3.08 -9.80	46.47 2.08 -16.50	44.71 1.36 -25.22	46.14 1.02 -31.88
INDIAN POINT___2 23530	49.14 2.45 -12.59	47.55 2.21 -13.54	44.35 1.24 -25.13	42.35 0.95 -27.52	46.59 1.98 -15.53	52.64 2.27 -18.14	58.17 2.96 -13.90	63.96 2.72 -26.31	59.36 1.30 -42.30	58.15 1.11 -43.58	57.50 2.26 -28.83	64.89 5.05 -1.70	54.19 4.24 -1.04	50.64 3.88 -2.73	48.20 2.97 -12.03	48.73 2.46 -18.02	52.47 2.02 -26.33	117.39 5.42 -46.71	73.61 1.45 -54.88	50.70 1.82 -25.61	52.35 2.97 -9.52	45.92 2.00 -16.03	43.93 1.30 -24.50	45.19 0.98 -30.96
INDIAN POINT___3 23531	48.63 2.34 -12.18	47.02 2.11 -13.10	43.49 1.18 -24.32	41.42 0.91 -26.64	46.01 1.90 -15.03	51.98 2.18 -17.56	57.62 2.86 -13.46	63.02 2.62 -25.47	57.93 1.24 -40.94	56.68 1.06 -42.15	56.42 2.15 -27.86	64.51 4.77 -1.59	53.90 3.99 -1.01	50.32 3.67 -2.63	47.65 2.82 -11.63	49.20 2.52 -18.44	54.04 2.10 -27.82	120.21 5.59 -49.35	76.72 1.49 -57.95	52.10 1.89 -26.94	52.99 3.11 -10.02	46.86 2.11 -16.86	45.29 1.38 -25.77	46.85 1.03 -32.58
IP CORINTH___1 23988	55.27 1.71 -19.45	54.35 1.62 -20.92	57.71 0.90 -38.83	57.10 0.69 -42.53	54.51 1.44 -24.00	61.71 1.44 -28.03	64.81 2.02 -21.49	77.48 1.90 -40.64	80.76 0.85 -64.16	78.92 0.69 -64.76	68.17 1.25 -40.51	58.79 2.52 1.88	52.40 2.24 -1.25	48.49 1.89 -2.58	53.34 1.49 -18.65	56.25 1.37 -26.63	66.13 1.33 -40.68	141.43 4.00 -72.17	102.77 1.03 -84.46	63.18 1.32 -38.59	56.46 2.24 -14.35	53.38 1.33 -24.16	55.88 0.82 -36.92	60.51 0.60 -46.66
IP___TICONDEROGA 23804	56.89 3.37 -19.41	55.95 3.26 -20.88	58.54 1.81 -38.75	57.71 1.39 -42.45	55.82 2.79 -23.95	63.16 2.94 -27.98	66.85 4.10 -21.45	79.20 3.70 -40.57	81.45 1.66 -64.03	79.40 1.30 -64.63	69.16 2.33 -40.41	61.11 4.87 1.90	54.29 4.14 -1.25	50.17 3.59 -2.56	54.77 2.96 -18.60	57.55 2.73 -26.57	67.48 2.75 -40.60	145.62 8.32 -72.04	103.66 2.08 -84.30	64.35 2.56 -38.52	58.43 4.24 -14.32	54.64 2.64 -24.11	56.69 1.70 -36.85	61.09 1.27 -46.58
ISLIP_RES_REC 323679	51.64 4.28 -13.24	49.69 3.63 -14.25	46.52 2.09 -26.44	44.49 1.65 -28.97	48.65 3.23 -16.34	55.09 3.76 -19.09	60.87 4.93 -14.63	66.99 4.37 -27.69	62.42 2.13 -44.53	61.17 1.81 -45.90	64.56 3.94 -34.21	68.55 8.54 -1.86	57.39 7.39 -1.11	53.37 6.44 -2.90	50.51 4.64 -12.68	51.12 3.89 -18.99	54.90 3.07 -27.71	122.51 8.09 -49.15	77.25 2.25 -57.73	53.05 2.91 -26.88	54.44 4.57 -9.99	48.11 3.40 -16.82	46.02 2.17 -25.71	47.40 1.66 -32.50
JARVIS____ 23743	33.78 0.00 0.33	31.44 -0.01 0.36	17.32 0.00 0.66	13.15 0.00 0.72	28.67 0.00 0.41	31.77 0.01 0.48	40.97 0.04 0.36	34.32 0.07 0.69	14.71 0.04 1.09	12.38 0.03 1.11	25.75 0.05 0.72	58.24 0.09 0.00	48.99 0.11 0.02	44.08 0.11 0.05	34.38 0.10 -1.08	27.84 0.06 0.46	23.50 0.07 0.69	64.16 0.13 1.22	15.88 0.03 1.44	22.63 0.02 0.66	39.69 0.06 0.24	27.50 0.02 0.41	17.51 0.01 0.63	12.47 0.03 0.80
JENNISON___1 23625	40.43 1.84 -4.49	38.31 1.68 -4.83	27.85 0.91 -8.96	24.40 0.71 -9.82	36.13 1.51 -5.54	40.55 1.84 -6.47	48.83 2.57 -4.96	46.80 2.42 -9.44	31.94 1.12 -15.07	29.73 0.92 -15.34	37.95 1.78 -9.76	61.98 3.83 0.00	52.43 3.20 -0.32	47.27 2.50 -0.76	39.28 1.92 -4.16	36.14 1.63 -6.26	34.98 1.47 -9.39	87.08 4.17 -17.65	37.93 1.14 -19.51	33.65 1.44 -8.94	45.50 2.30 -3.33	34.95 1.46 -5.60	27.69 0.99 -8.56	24.84 0.78 -10.81
JENNISON___2 23626	40.43 1.84 -4.49	38.31 1.68 -4.83	27.85 0.91 -8.96	24.40 0.71 -9.82	36.13 1.51 -5.54	40.55 1.84 -6.47	48.83 2.57 -4.96	46.80 2.42 -9.44	31.94 1.12 -15.07	29.73 0.92 -15.34	37.95 1.78 -9.76	61.98 3.83 0.00	52.43 3.20 -0.32	47.27 2.50 -0.76	39.28 1.92 -4.16	36.14 1.63 -6.26	34.98 1.47 -9.39	87.08 4.17 -17.65	37.93 1.14 -19.51	33.65 1.44 -8.94	45.50 2.30 -3.33	34.95 1.46 -5.60	27.69 0.99 -8.56	24.84 0.78 -10.81
JERICHO_RISE_WT_PWR 323719	33.45 -0.66 0.00	31.30 -0.51 0.00	17.64 -0.34 0.00	13.49 -0.38 0.00	28.43 -0.64 0.00	31.68 -0.56 0.00	40.70 -0.61 0.00	34.27 -0.66 0.00	15.43 -0.32 0.00	13.21 -0.25 0.00	25.86 -0.55 0.00	56.96 -1.19 0.00	47.56 -1.35 0.00	42.59 -1.43 0.00	2.16 -1.25 29.79	27.20 -1.05 0.00	23.30 -0.82 0.00	63.68 -1.58 0.00	16.78 -0.50 0.00	22.66 -0.61 0.00	38.74 -1.14 0.00	27.12 -0.77 0.00	17.51 -0.63 0.00	12.64 -0.60 0.00
KCE_NY_1 323755	55.75 2.28 -19.36	54.80 2.16 -20.83	57.85 1.21 -38.66	57.15 0.93 -42.35	54.91 1.94 -23.90	62.27 2.13 -27.91	65.47 2.78 -21.40	77.90 2.49 -40.47	80.74 1.12 -63.87	78.86 0.94 -64.45	68.47 1.78 -40.28	59.92 3.70 1.93	53.30 3.15 -1.24	49.41 2.84 -2.54	53.93 2.18 -18.55	56.67 1.93 -26.50	66.37 1.74 -40.50	142.05 4.92 -71.86	102.68 1.30 -84.10	63.40 1.70 -38.43	57.02 2.86 -14.29	53.79 1.84 -24.05	56.07 1.17 -36.76	60.57 0.86 -46.46
KEDC PORT_JEFF_GT2 24210	51.33 3.98 -13.24	49.40 3.35 -14.25	46.37 1.95 -26.44	44.37 1.53 -28.97	48.39 2.98 -16.34	54.79 3.47 -19.09	60.46 4.52 -14.63	66.59 3.97 -27.69	62.23 1.94 -44.53	61.02 1.65 -45.90	64.27 3.65 -34.21	67.93 7.92 -1.86	56.86 6.85 -1.11	52.91 5.98 -2.90	50.18 4.31 -12.68	50.84 3.61 -18.99	54.62 2.79 -27.71	121.75 7.33 -49.15	77.06 2.05 -57.73	52.79 2.65 -26.88	54.00 4.14 -9.99	47.84 3.13 -16.82	45.86 2.01 -25.71	47.30 1.56 -32.50



KEDC PORT_JEFF_GT3 24211	51.33 3.98 -13.24	49.40 3.35 -14.25	46.37 1.95 -26.44	44.37 1.53 -28.97	48.39 2.98 -16.34	54.79 3.47 -19.09	60.46 4.52 -14.63	66.59 3.97 -27.69	62.23 1.94 -44.53	61.02 1.65 -45.90	64.27 3.65 -34.21	67.93 7.92 -1.86	56.86 6.85 -1.11	52.91 5.98 -2.90	50.18 4.31 -12.68	50.84 3.61 -18.99	54.62 2.79 -27.71	121.75 7.33 -49.15	77.06 2.05 -57.73	52.79 2.65 -26.88	54.00 4.14 -9.99	47.84 3.13 -16.82	45.86 2.01 -25.71	47.30 1.56 -32.50
KEDC_GLWD_GT4 24219	50.54 3.18 -13.24	48.85 2.79 -14.25	46.01 1.58 -26.44	44.05 1.22 -28.97	47.91 2.49 -16.34	54.18 2.85 -19.09	59.64 3.70 -14.63	65.95 3.34 -27.69	61.92 1.63 -44.53	60.78 1.42 -45.90	62.60 2.98 -33.20	66.59 6.58 -1.86	55.65 5.63 -1.11	51.97 5.05 -2.90	49.67 3.80 -12.68	50.38 3.15 -18.99	54.36 2.53 -27.71	121.06 6.64 -49.15	76.82 1.81 -57.73	52.46 2.31 -26.88	53.59 3.73 -9.99	47.35 2.64 -16.82	45.53 1.68 -25.71	47.01 1.26 -32.50
KEDC_GLWD_GT5 24220	50.54 3.18 -13.24	48.85 2.79 -14.25	46.01 1.58 -26.44	44.05 1.22 -28.97	47.91 2.49 -16.34	54.18 2.85 -19.09	59.64 3.70 -14.63	65.95 3.34 -27.69	61.92 1.63 -44.53	60.78 1.42 -45.90	62.60 2.98 -33.20	66.59 6.58 -1.86	55.65 5.63 -1.11	51.97 5.05 -2.90	49.67 3.80 -12.68	50.38 3.15 -18.99	54.36 2.53 -27.71	121.06 6.64 -49.15	76.82 1.81 -57.73	52.46 2.31 -26.88	53.59 3.73 -9.99	47.35 2.64 -16.82	45.53 1.68 -25.71	47.01 1.26 -32.50
KENSICO____ 23655	49.90 2.60 -13.18	48.34 2.35 -14.18	45.63 1.32 -26.32	43.71 1.01 -28.83	47.44 2.10 -16.27	53.63 2.39 -19.00	58.97 3.10 -14.57	65.34 2.85 -27.56	61.46 1.38 -44.33	60.34 1.19 -45.69	59.08 2.42 -30.26	65.41 5.41 -1.85	54.59 4.58 -1.10	51.08 4.17 -2.89	49.00 3.18 -12.62	49.77 2.63 -18.90	53.85 2.15 -27.58	119.92 5.73 -48.93	76.27 1.53 -57.46	51.94 1.94 -26.73	53.00 3.19 -9.94	46.79 2.16 -16.73	45.12 1.41 -25.57	46.62 1.05 -32.33
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.28 3.05 -12.12	47.58 2.73 -13.04	43.73 1.54 -24.20	41.57 1.19 -26.51	46.51 2.48 -14.96	52.56 2.86 -17.47	58.50 3.81 -13.39	63.71 3.43 -25.34	58.00 1.60 -40.65	56.58 1.36 -41.77	56.56 2.72 -27.44	65.42 6.00 -1.27	54.76 4.88 -0.98	50.99 4.47 -2.50	48.22 3.51 -11.51	48.41 2.91 -17.26	51.95 2.47 -25.35	116.99 6.74 -44.99	72.04 1.81 -52.96	50.46 2.23 -24.96	52.83 3.68 -9.28	46.01 2.50 -15.62	43.62 1.61 -23.88	44.61 1.19 -30.18
KIAC_JFK_GT1 23816	50.21 2.89 -13.22	48.65 2.61 -14.22	45.84 1.46 -26.39	43.89 1.11 -28.91	47.72 2.34 -16.31	53.94 2.65 -19.05	59.37 3.47 -14.60	65.73 3.17 -27.63	61.75 1.55 -44.45	60.61 1.34 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	55.01 5.00 -1.10	51.52 4.60 -2.90	49.33 3.47 -12.65	50.02 2.82 -18.95	54.02 2.25 -27.64	120.29 5.98 -49.05	76.47 1.59 -57.61	52.09 2.02 -26.81	53.28 3.44 -9.97	46.93 2.26 -16.78	45.35 1.56 -25.65	46.82 1.15 -32.42
KIAC_JFK_GT2 23817	50.21 2.89 -13.22	48.65 2.61 -14.22	45.84 1.46 -26.39	43.89 1.11 -28.91	47.72 2.34 -16.31	53.94 2.65 -19.05	59.37 3.47 -14.60	65.73 3.17 -27.63	61.75 1.55 -44.45	60.61 1.34 -45.80	59.37 2.62 -30.34	65.87 5.87 -1.85	55.01 5.00 -1.10	51.52 4.60 -2.90	49.33 3.47 -12.65	50.02 2.82 -18.95	54.02 2.25 -27.64	120.29 5.98 -49.05	76.47 1.59 -57.61	52.09 2.02 -26.81	53.28 3.44 -9.97	46.93 2.26 -16.78	45.35 1.56 -25.65	46.82 1.15 -32.42
KINTIGH____ 23543	35.50 -0.11 -1.50	33.30 -0.13 -1.61	20.95 -0.02 -2.99	17.16 0.00 -3.28	30.84 -0.08 -1.85	34.32 -0.08 -2.16	42.49 -0.47 -1.66	37.78 -0.28 -3.13	20.70 -0.03 -4.98	18.47 -0.06 -5.07	29.53 -0.13 -3.25	57.73 -0.42 0.00	48.63 -0.38 -0.11	43.73 -0.54 -0.25	34.34 -0.25 -1.39	30.03 -0.31 -2.09	27.05 -0.21 -3.14	68.27 -0.90 -3.91	23.58 -0.21 -6.51	25.91 -0.34 -2.99	40.23 -0.75 -1.11	29.14 -0.61 -1.87	20.72 -0.28 -2.86	16.80 -0.05 -3.61
LACHUTE____HYDRO 323717	56.89 3.37 -19.41	55.95 3.26 -20.88	58.54 1.81 -38.75	57.71 1.39 -42.45	55.82 2.79 -23.95	63.16 2.94 -27.98	66.85 4.10 -21.45	79.20 3.70 -40.57	81.45 1.66 -64.03	79.40 1.30 -64.63	69.16 2.33 -40.41	61.11 4.87 1.90	54.29 4.14 -1.25	50.17 3.59 -2.56	54.77 2.96 -18.60	57.55 2.73 -26.57	67.48 2.75 -40.60	145.62 8.32 -72.04	103.66 2.08 -84.30	64.35 2.56 -38.52	58.43 4.24 -14.32	54.64 2.64 -24.11	56.69 1.70 -36.85	61.09 1.27 -46.58
LEDERLE____ 23769	48.83 2.58 -12.14	47.19 2.32 -13.06	43.52 1.30 -24.23	41.42 1.00 -26.55	46.15 2.10 -14.98	52.14 2.41 -17.50	57.89 3.18 -13.41	63.21 2.90 -25.38	57.92 1.37 -40.79	56.64 1.17 -42.00	56.54 2.37 -27.76	65.00 5.27 -1.58	54.31 4.40 -1.00	50.67 4.03 -2.62	47.90 3.10 -11.59	48.20 2.59 -17.37	51.66 2.14 -25.39	116.13 5.81 -45.05	71.78 1.55 -52.95	49.97 1.95 -24.76	52.21 3.14 -9.20	45.49 2.11 -15.49	43.18 1.37 -23.68	44.21 1.03 -29.93
LINDEN COGEN____ 23786	50.02 2.69 -13.22	48.46 2.43 -14.22	45.73 1.36 -26.39	43.80 1.02 -28.91	47.53 2.15 -16.31	53.74 2.45 -19.05	59.05 3.15 -14.60	65.48 2.91 -27.63	61.63 1.44 -44.45	60.51 1.24 -45.80	59.27 2.52 -30.34	65.63 5.63 -1.85	54.77 4.77 -1.10	51.26 4.35 -2.90	49.16 3.31 -12.65	49.94 2.75 -18.95	53.99 2.22 -27.65	120.19 5.86 -49.06	76.47 1.58 -57.61	52.10 2.02 -26.82	53.13 3.29 -9.97	46.92 2.25 -16.78	45.25 1.46 -25.65	46.77 1.09 -32.42
LIPA_MISC_IPP 23656	51.34 3.99 -13.24	49.40 3.35 -14.25	46.36 1.94 -26.44	44.38 1.54 -28.97	48.40 2.99 -16.34	54.80 3.48 -19.09	60.47 4.53 -14.63	66.64 4.02 -27.69	62.24 1.95 -44.53	61.03 1.66 -45.90	64.31 3.67 -34.22	67.95 7.94 -1.86	56.86 6.86 -1.11	52.85 5.92 -2.90	50.06 4.19 -12.68	50.79 3.55 -18.99	54.61 2.79 -27.71	121.96 7.54 -49.15	77.11 2.11 -57.73	52.87 2.72 -26.88	54.12 4.26 -9.99	47.91 3.20 -16.82	45.89 2.04 -25.71	47.31 1.56 -32.50
LISF__SOLAR 323691	51.40 4.04 -13.24	49.46 3.40 -14.25	46.39 1.97 -26.44	44.40 1.56 -28.97	48.45 3.03 -16.34	54.86 3.53 -19.09	60.56 4.62 -14.63	66.72 4.09 -27.69	62.27 1.98 -44.53	61.05 1.69 -45.90	64.36 3.73 -34.22	68.06 8.05 -1.86	56.97 6.96 -1.11	52.93 6.01 -2.90	50.12 4.25 -12.68	50.84 3.60 -18.99	54.66 2.83 -27.71	122.11 7.69 -49.15	77.15 2.14 -57.73	52.92 2.78 -26.88	54.21 4.34 -9.99	47.97 3.25 -16.82	45.93 2.08 -25.71	47.33 1.59 -32.50
LITTLE FALLS____HYD 24013	33.87 0.09 0.33	31.50 0.04 0.36	17.40 0.08 0.66	13.18 0.03 0.72	28.80 0.13 0.41	31.99 0.23 0.48	41.34 0.41 0.36	34.69 0.44 0.69	14.85 0.19 1.09	12.55 0.20 1.11	25.99 0.29 0.72	58.40 0.25 0.00	49.10 0.22 0.02	44.27 0.30 0.05	34.53 0.25 -1.08	28.04 0.26 0.46	23.72 0.28 0.69	64.92 0.88 1.22	16.08 0.24 1.44	22.94 0.33 0.66	40.06 0.44 0.24	27.61 0.13 0.41	17.55 0.05 0.63	12.49 0.04 0.80
LI_NEWBRDGE____DRP 323616	50.58 3.23 -13.24	48.78 2.73 -14.25	45.99 1.57 -26.44	44.06 1.22 -28.97	47.85 2.44 -16.34	54.14 2.81 -19.09	59.62 3.68 -14.63	65.88 3.26 -27.69	61.88 1.60 -44.53	60.75 1.39 -45.90	63.72 2.99 -34.32	66.55 6.53 -1.86	55.63 5.62 -1.11	51.92 4.99 -2.90	49.59 3.71 -12.68	50.32 3.09 -18.99	54.25 2.42 -27.71	120.71 6.29 -49.15	76.75 1.75 -57.73	52.39 2.24 -26.88	53.38 3.51 -9.99	47.30 2.59 -16.82	45.50 1.65 -25.71	47.01 1.26 -32.50



LOCKPORT___CC1 323769	35.41 -0.72 -2.02	33.30 -0.67 -2.17	21.70 -0.31 -4.03	18.10 -0.18 -4.41	30.87 -0.69 -2.49	34.34 -0.80 -2.91	41.52 -2.02 -2.23	37.55 -1.61 -4.23	21.97 -0.52 -6.74	19.82 -0.51 -6.86	29.74 -1.06 -4.39	55.64 -2.55 -0.04	46.97 -2.16 -0.23	42.11 -2.25 -0.34	33.61 -1.46 -1.87	29.57 -1.49 -2.81	27.15 -1.19 -4.22	74.45 -4.03 -13.22	25.02 -1.02 -8.76	25.80 -1.49 -4.02	38.47 -2.90 -1.49	28.30 -2.11 -2.52	20.97 -1.01 -3.84	17.72 -0.38 -4.86
LOCKPORT___CC2 323770	35.41 -0.72 -2.02	33.30 -0.67 -2.17	21.70 -0.31 -4.03	18.10 -0.18 -4.41	30.87 -0.69 -2.49	34.34 -0.80 -2.91	41.52 -2.02 -2.23	37.55 -1.61 -4.23	21.97 -0.52 -6.74	19.82 -0.51 -6.86	29.74 -1.06 -4.39	55.64 -2.55 -0.04	46.97 -2.16 -0.23	42.11 -2.25 -0.34	33.61 -1.46 -1.87	29.57 -1.49 -2.81	27.15 -1.19 -4.22	74.45 -4.03 -13.22	25.02 -1.02 -8.76	25.80 -1.49 -4.02	38.47 -2.90 -1.49	28.30 -2.11 -2.52	20.97 -1.01 -3.84	17.72 -0.38 -4.86
LOCKPORT___CC3 323771	35.41 -0.72 -2.02	33.30 -0.67 -2.17	21.70 -0.31 -4.03	18.10 -0.18 -4.41	30.87 -0.69 -2.49	34.34 -0.80 -2.91	41.52 -2.02 -2.23	37.55 -1.61 -4.23	21.97 -0.52 -6.74	19.82 -0.51 -6.86	29.74 -1.06 -4.39	55.64 -2.55 -0.04	46.97 -2.16 -0.23	42.11 -2.25 -0.34	33.61 -1.46 -1.87	29.57 -1.49 -2.81	27.15 -1.19 -4.22	74.45 -4.03 -13.22	25.02 -1.02 -8.76	25.80 -1.49 -4.02	38.47 -2.90 -1.49	28.30 -2.11 -2.52	20.97 -1.01 -3.84	17.72 -0.38 -4.86
LONG_LAKE_PHOENIX 24014	34.92 -0.27 -1.09	32.69 -0.29 -1.17	19.99 -0.16 -2.17	16.14 -0.10 -2.37	30.17 -0.24 -1.34	33.59 -0.21 -1.56	42.26 -0.24 -1.20	37.08 -0.09 -2.23	19.24 -0.03 -3.52	17.02 -0.03 -3.58	28.66 -0.09 -2.34	57.89 -0.26 0.00	48.82 -0.16 -0.08	44.01 -0.19 -0.18	34.10 -0.11 -1.01	29.64 -0.11 -1.51	26.33 -0.07 -2.27	69.04 -0.26 -4.03	21.94 -0.06 -4.72	25.32 -0.11 -2.16	40.44 -0.23 -0.81	29.02 -0.22 -1.35	20.07 -0.14 -2.07	15.79 -0.07 -2.62
LOVETT___3 23632	48.71 2.44 -12.15	47.08 2.20 -13.07	43.48 1.24 -24.27	41.40 0.95 -26.58	46.06 1.98 -15.00	52.03 2.27 -17.52	57.72 2.99 -13.43	63.09 2.74 -25.41	57.89 1.30 -40.84	56.63 1.11 -42.06	56.45 2.24 -27.79	64.72 4.98 -1.59	54.08 4.17 -1.00	50.47 3.83 -2.62	47.75 2.94 -11.61	48.09 2.45 -17.39	51.56 2.02 -25.42	115.83 5.46 -45.11	71.76 1.46 -53.02	49.89 1.83 -24.79	52.03 2.94 -9.21	45.39 1.98 -15.52	43.14 1.29 -23.71	44.19 0.98 -29.97
LOVETT___4 23642	48.71 2.44 -12.15	47.08 2.20 -13.07	43.48 1.24 -24.27	41.40 0.95 -26.58	46.06 1.98 -15.00	52.03 2.27 -17.52	57.72 2.99 -13.43	63.09 2.74 -25.41	57.89 1.30 -40.84	56.63 1.11 -42.06	56.45 2.24 -27.79	64.72 4.98 -1.59	54.08 4.17 -1.00	50.47 3.83 -2.62	47.75 2.94 -11.61	48.09 2.45 -17.39	51.56 2.02 -25.42	115.83 5.46 -45.11	71.76 1.46 -53.02	49.89 1.83 -24.79	52.03 2.94 -9.21	45.39 1.98 -15.52	43.14 1.29 -23.71	44.19 0.98 -29.97
LOVETT___5 23593	48.71 2.44 -12.15	47.08 2.20 -13.07	43.48 1.24 -24.27	41.40 0.95 -26.58	46.06 1.98 -15.00	52.03 2.27 -17.52	57.72 2.99 -13.43	63.09 2.74 -25.41	57.89 1.30 -40.84	56.63 1.11 -42.06	56.45 2.24 -27.79	64.72 4.98 -1.59	54.08 4.17 -1.00	50.47 3.83 -2.62	47.75 2.94 -11.61	48.09 2.45 -17.39	51.56 2.02 -25.42	115.83 5.46 -45.11	71.76 1.46 -53.02	49.89 1.83 -24.79	52.03 2.94 -9.21	45.39 1.98 -15.52	43.14 1.29 -23.71	44.19 0.98 -29.97
LOWER RAQUET___HYD 24057	32.34 -1.78 0.00	30.43 -1.38 0.00	17.19 -0.79 0.00	13.24 -0.63 0.00	27.80 -1.27 0.00	30.56 -1.68 0.00	39.71 -1.60 0.00	33.17 -1.76 0.00	14.81 -0.94 0.00	12.64 -0.83 0.00	24.74 -1.67 0.00	54.76 -3.39 0.00	45.66 -3.25 0.00	41.18 -2.84 0.00	6.65 -2.39 24.16	26.57 -1.68 0.00	22.65 -1.47 0.00	62.37 -2.90 0.00	16.41 -0.86 0.00	22.27 -1.00 0.00	38.18 -1.69 0.00	26.80 -1.09 0.00	17.35 -0.79 0.00	12.56 -0.68 0.00
LOWER___HUDSON 24059	54.89 1.99 -18.79	53.91 1.89 -20.21	56.58 1.08 -37.52	55.79 0.82 -41.10	53.98 1.71 -23.19	61.18 1.86 -27.09	64.38 2.32 -20.76	76.27 2.06 -39.27	78.58 0.93 -61.89	76.62 0.80 -62.36	66.75 1.55 -38.79	59.23 3.30 2.21	52.88 2.79 -1.18	48.91 2.54 -2.34	53.05 1.97 -17.87	55.59 1.72 -25.63	64.93 1.50 -39.30	139.14 4.15 -69.73	99.97 1.09 -81.61	62.00 1.44 -37.29	56.12 2.38 -13.86	52.79 1.57 -23.34	54.81 1.00 -35.67	59.07 0.74 -45.08
LWR___OSWEGATCHIE_HYD 23850	32.81 -1.30 0.00	30.74 -1.07 0.00	17.35 -0.64 0.00	13.40 -0.48 0.00	28.12 -0.95 0.00	31.11 -1.12 0.00	40.41 -0.90 0.00	34.03 -0.90 0.00	15.23 -0.53 0.00	12.92 -0.55 0.00	25.25 -1.16 0.00	55.58 -2.57 0.00	46.60 -2.31 0.00	42.14 -1.88 0.00	15.59 -1.59 16.03	27.13 -1.11 0.00	23.23 -0.89 0.00	63.58 -1.68 0.00	16.75 -0.53 0.00	22.70 -0.56 0.00	38.90 -0.97 0.00	27.23 -0.66 0.00	17.61 -0.53 0.00	12.81 -0.43 0.00
LYONS_FALL_HYD 23570	34.21 0.10 0.00	31.91 0.10 0.00	18.02 0.03 0.00	13.92 0.05 0.00	29.20 0.13 0.00	32.48 0.24 0.00	41.98 0.67 0.00	35.60 0.67 0.00	16.02 0.27 0.00	13.60 0.13 0.00	26.60 0.19 0.00	58.33 0.18 0.00	49.06 0.16 0.00	44.33 0.31 0.00	29.90 0.13 3.44	28.43 0.19 0.00	24.37 0.24 0.00	66.25 0.99 0.00	17.49 0.22 0.00	23.62 0.36 0.00	40.43 0.55 0.00	28.23 0.34 0.00	18.29 0.15 0.00	13.36 0.11 0.00
MADISON___COUNTY_LFGE 323628	35.37 0.71 -0.55	33.03 0.63 -0.60	19.44 0.35 -1.10	15.38 0.30 -1.21	30.39 0.64 -0.68	33.86 0.82 -0.80	43.27 1.36 -0.60	37.44 1.34 -1.16	18.26 0.63 -1.88	15.84 0.46 -1.91	28.48 0.89 -1.19	59.81 1.65 0.00	50.38 1.44 -0.04	45.42 1.31 -0.09	34.57 0.87 -0.50	29.79 0.79 -0.76	25.99 0.72 -1.15	69.40 2.09 -2.05	20.20 0.52 -2.40	25.05 0.68 -1.10	41.30 1.02 -0.41	29.22 0.64 -0.69	19.60 0.41 -1.05	14.91 0.33 -1.33
MAPLE RIDGE_WT_1 323574	32.38 -0.82 0.91	30.01 -0.82 0.98	15.71 -0.45 1.82	11.55 -0.33 2.00	27.32 -0.63 1.13	30.17 -0.75 1.32	39.36 -0.94 1.01	32.17 -0.86 1.91	12.34 -0.38 3.03	10.04 -0.34 3.09	23.74 -0.69 1.98	56.74 -1.41 0.00	48.00 -0.84 0.07	43.39 -0.48 0.15	45.60 -0.37 -12.77	26.60 -0.37 1.28	21.94 -0.27 1.91	60.73 -1.14 3.39	12.95 -0.35 3.97	20.93 -0.51 1.82	38.65 -0.55 0.68	26.37 -0.38 1.14	16.12 -0.27 1.75	10.92 -0.12 2.21
MAPLE RIDGE_WT_2 323611	32.38 -0.82 0.91	30.01 -0.82 0.98	15.71 -0.45 1.82	11.55 -0.33 2.00	27.32 -0.63 1.13	30.17 -0.75 1.32	39.36 -0.94 1.01	32.17 -0.86 1.91	12.34 -0.38 3.03	10.04 -0.34 3.09	23.74 -0.69 1.98	56.74 -1.41 0.00	48.00 -0.84 0.07	43.39 -0.48 0.15	45.60 -0.37 -12.77	26.60 -0.37 1.28	21.94 -0.27 1.91	60.73 -1.14 3.39	12.95 -0.35 3.97	20.93 -0.51 1.82	38.65 -0.55 0.68	26.37 -0.38 1.14	16.12 -0.27 1.75	10.92 -0.12 2.21
MARBLE_RIVER_WT_PWR 323696	33.49 -0.62 0.00	31.35 -0.46 0.00	17.68 -0.30 0.00	13.50 -0.37 0.00	28.43 -0.65 0.00	31.72 -0.51 0.00	40.79 -0.52 0.00	34.37 -0.57 0.00	15.49 -0.26 0.00	13.26 -0.20 0.00	25.96 -0.45 0.00	57.17 -0.98 0.00	47.71 -1.19 0.00	42.71 -1.31 0.00	1.68 -1.13 30.39	27.28 -0.96 0.00	23.39 -0.73 0.00	64.02 -1.24 0.00	16.85 -0.42 0.00	22.74 -0.53 0.00	38.84 -1.03 0.00	27.16 -0.73 0.00	17.54 -0.59 0.00	12.65 -0.60 0.00



MARSH_HILL_WT_PWR 323713	37.23 0.35 -2.78	35.05 0.25 -2.99	23.70 0.17 -5.55	20.13 0.18 -6.08	32.84 0.33 -3.43	36.67 0.43 -4.00	44.59 0.21 -3.07	41.32 0.55 -5.84	25.74 0.38 -9.61	24.43 0.27 -10.69	32.98 0.52 -6.05	59.97 0.91 -0.91	49.75 0.61 -0.23	44.90 0.41 -0.47	36.43 0.65 -2.58	32.39 0.26 -3.88	30.18 0.25 -5.81	82.94 0.97 -16.70	29.66 0.31 -12.08	28.74 -0.07 -5.54	41.49 -0.44 -2.06	30.98 -0.37 -3.47	23.31 -0.12 -5.30	20.05 0.11 -6.70
MG INDUSTRY___DRP 24185	51.80 1.57 -16.13	50.64 1.49 -17.34	51.00 0.83 -32.19	49.78 0.64 -35.27	50.33 1.36 -19.90	56.99 1.51 -23.24	60.99 1.87 -17.82	70.21 1.57 -33.71	70.04 0.67 -53.62	68.64 0.58 -54.59	62.54 1.14 -34.99	60.60 2.45 0.00	52.25 2.18 -1.16	48.70 1.97 -2.71	49.63 1.48 -14.94	52.05 1.29 -22.51	58.99 1.14 -33.73	128.07 2.95 -59.85	88.19 0.79 -70.13	56.59 1.10 -32.23	53.75 1.90 -11.98	49.35 1.29 -20.17	49.81 0.84 -30.83	52.85 0.63 -38.97
MID___OSWEGATCHIE_HYD 23849	32.81 -1.30 0.00	30.74 -1.07 0.00	17.35 -0.64 0.00	13.40 -0.48 0.00	28.12 -0.95 0.00	31.11 -1.12 0.00	40.41 -0.90 0.00	34.03 -0.90 0.00	15.23 -0.53 0.00	12.92 -0.55 0.00	25.25 -1.16 0.00	55.58 -2.57 0.00	46.60 -2.31 0.00	42.14 -1.88 0.00	15.59 -1.59 16.03	27.13 -1.11 0.00	23.23 -0.89 0.00	63.58 -1.68 0.00	16.75 -0.53 0.00	22.70 -0.56 0.00	38.90 -0.97 0.00	27.23 -0.66 0.00	17.61 -0.53 0.00	12.81 -0.43 0.00
MID___RAQUETTE_HYD 23851	32.34 -1.78 0.00	30.43 -1.38 0.00	17.19 -0.79 0.00	13.24 -0.63 0.00	27.80 -1.27 0.00	30.56 -1.68 0.00	39.71 -1.60 0.00	33.17 -1.76 0.00	14.81 -0.94 0.00	12.64 -0.83 0.00	24.74 -1.67 0.00	54.76 -3.39 0.00	45.66 -3.25 0.00	41.18 -2.84 0.00	6.65 -2.39 24.16	26.57 -1.68 0.00	22.65 -1.47 0.00	62.37 -2.90 0.00	16.41 -0.86 0.00	22.27 -1.00 0.00	38.18 -1.69 0.00	26.80 -1.09 0.00	17.35 -0.79 0.00	12.56 -0.68 0.00
MILLIKEN___1 23584	37.77 0.94 -2.71	35.58 0.85 -2.92	23.83 0.44 -5.42	20.17 0.36 -5.94	33.15 0.73 -3.35	37.05 0.90 -3.91	45.56 1.26 -3.00	42.06 1.34 -5.78	25.69 0.63 -9.30	23.44 0.51 -9.47	33.31 0.98 -5.92	60.01 1.86 0.00	50.68 1.58 -0.20	45.78 1.30 -0.46	36.71 0.99 -2.52	32.91 0.88 -3.79	30.63 0.82 -5.68	78.42 2.29 -10.87	29.68 0.61 -11.79	29.42 0.75 -5.41	43.11 1.23 -2.01	31.99 0.71 -3.38	23.81 0.50 -5.17	20.18 0.39 -6.54
MILLIKEN___2 23585	37.77 0.94 -2.71	35.58 0.85 -2.92	23.83 0.44 -5.42	20.17 0.36 -5.94	33.15 0.73 -3.35	37.05 0.90 -3.91	45.56 1.26 -3.00	42.06 1.34 -5.78	25.69 0.63 -9.30	23.44 0.51 -9.47	33.31 0.98 -5.92	60.01 1.86 0.00	50.68 1.58 -0.20	45.78 1.30 -0.46	36.71 0.99 -2.52	32.91 0.88 -3.79	30.63 0.82 -5.68	78.42 2.29 -10.87	29.68 0.61 -11.79	29.42 0.75 -5.41	43.11 1.23 -2.01	31.99 0.71 -3.38	23.81 0.50 -5.17	20.18 0.39 -6.54
MILLIKEN___DIESEL 23629	37.77 0.94 -2.71	35.58 0.85 -2.92	23.83 0.44 -5.42	20.17 0.36 -5.94	33.15 0.73 -3.35	37.05 0.90 -3.91	45.56 1.26 -3.00	42.06 1.34 -5.78	25.69 0.63 -9.30	23.44 0.51 -9.47	33.31 0.98 -5.92	60.01 1.86 0.00	50.68 1.58 -0.20	45.78 1.30 -0.46	36.71 0.99 -2.52	32.91 0.88 -3.79	30.63 0.82 -5.68	78.42 2.29 -10.87	29.68 0.61 -11.79	29.42 0.75 -5.41	43.11 1.23 -2.01	31.99 0.71 -3.38	23.81 0.50 -5.17	20.18 0.39 -6.54
MILLSEAT___LFGE 323607	35.97 -0.05 -1.91	33.79 -0.08 -2.05	21.81 0.01 -3.81	18.12 0.06 -4.18	31.31 -0.12 -2.36	34.88 -0.11 -2.76	42.50 -0.91 -2.11	38.36 -0.59 -4.01	22.07 -0.06 -6.38	19.84 -0.13 -6.50	30.27 -0.29 -4.16	57.33 -0.85 -0.02	48.34 -0.78 -0.22	43.31 -1.03 -0.32	34.46 -0.51 -1.77	30.25 -0.66 -2.67	27.65 -0.47 -4.00	72.51 -1.97 -9.21	25.10 -0.47 -8.30	26.31 -0.76 -3.80	39.63 -1.66 -1.41	28.99 -1.28 -2.38	21.24 -0.54 -3.64	17.75 -0.09 -4.60
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.79 2.56 -13.12	48.22 2.30 -14.11	45.47 1.30 -26.20	43.55 0.99 -28.69	47.32 2.05 -16.19	53.49 2.34 -18.91	58.84 3.04 -14.50	65.17 2.81 -27.43	61.22 1.35 -44.11	60.09 1.16 -45.46	58.88 2.36 -30.11	65.26 5.28 -1.83	54.46 4.46 -1.09	50.95 4.06 -2.87	48.85 3.10 -12.55	49.62 2.57 -18.81	53.67 2.10 -27.45	119.55 5.60 -48.70	75.96 1.50 -57.19	51.77 1.90 -26.61	52.87 3.11 -9.89	46.65 2.11 -16.65	44.96 1.38 -25.45	46.45 1.03 -32.17
MODEL_CITY_ENERGY 24167	35.02 -1.12 -2.03	32.94 -1.06 -2.19	21.48 -0.56 -4.06	17.95 -0.37 -4.45	30.46 -1.12 -2.51	33.92 -1.25 -2.93	40.95 -2.61 -2.25	37.06 -2.14 -4.26	21.79 -0.76 -6.79	19.67 -0.71 -6.92	29.38 -1.45 -4.42	53.89 -3.44 0.83	46.20 -2.91 -0.21	41.46 -2.90 -0.34	33.13 -1.95 -1.88	29.18 -1.90 -2.84	26.84 -1.53 -4.25	67.24 -5.02 -6.99	24.83 -1.28 -8.83	25.50 -1.82 -4.05	37.87 -3.51 -1.50	27.88 -2.54 -2.54	20.72 -1.29 -3.87	17.55 -0.58 -4.89
MODERN_LFGE___ 323580	35.02 -1.12 -2.03	32.94 -1.06 -2.19	21.48 -0.56 -4.06	17.95 -0.37 -4.45	30.46 -1.12 -2.51	33.92 -1.25 -2.93	40.95 -2.61 -2.25	37.06 -2.14 -4.26	21.79 -0.76 -6.79	19.67 -0.71 -6.92	29.38 -1.45 -4.42	53.89 -3.44 0.83	46.20 -2.91 -0.21	41.46 -2.90 -0.34	33.13 -1.95 -1.88	29.18 -1.90 -2.84	26.84 -1.53 -4.25	67.24 -5.02 -6.99	24.83 -1.28 -8.83	25.50 -1.82 -4.05	37.87 -3.51 -1.50	27.88 -2.54 -2.54	20.72 -1.29 -3.87	17.55 -0.58 -4.89
MOHAWK_PAPER___DRP 24187	54.33 1.85 -18.37	53.30 1.73 -19.76	55.62 0.96 -36.67	54.79 0.74 -40.18	53.31 1.57 -22.67	60.47 1.75 -26.48	63.82 2.22 -20.30	75.29 1.96 -38.39	77.24 0.89 -60.60	75.40 0.77 -61.17	66.16 1.50 -38.25	59.59 3.24 1.80	52.82 2.74 -1.18	48.97 2.52 -2.43	51.75 1.91 -16.63	55.01 1.62 -25.15	63.92 1.39 -38.42	137.22 3.80 -68.16	98.04 1.01 -79.76	61.05 1.35 -36.42	55.68 2.27 -13.54	52.19 1.51 -22.80	53.93 0.95 -34.85	57.99 0.70 -44.04
MONGAUP___HYD 23641	47.39 1.62 -11.66	45.77 1.42 -12.54	42.05 0.79 -23.28	39.98 0.60 -25.50	44.72 1.26 -14.39	50.54 1.50 -16.81	56.27 2.09 -12.88	61.29 1.98 -24.38	55.85 0.93 -39.17	54.56 0.78 -40.32	54.56 1.53 -26.62	62.77 3.14 -1.48	52.03 2.16 -0.96	48.95 2.43 -2.50	46.35 2.02 -11.12	46.64 1.73 -16.67	49.99 1.48 -24.39	112.60 4.06 -43.27	69.19 1.04 -50.87	48.33 1.26 -23.80	50.76 2.04 -8.85	44.13 1.34 -14.89	41.74 0.84 -22.76	42.64 0.63 -28.77
MONTAUK___DIESEL 23721	52.30 4.95 -13.24	50.29 4.23 -14.25	46.87 2.45 -26.44	44.76 1.92 -28.97	49.21 3.80 -16.34	55.76 4.43 -19.09	61.75 5.81 -14.63	67.77 5.15 -27.69	62.78 2.50 -44.53	61.49 2.12 -45.90	65.21 4.58 -34.22	69.58 9.56 -1.86	58.29 8.28 -1.11	54.06 7.14 -2.90	51.13 5.25 -12.68	51.68 4.45 -18.99	55.44 3.61 -27.71	124.36 9.94 -49.15	77.77 2.77 -57.73	53.75 3.60 -26.88	55.55 5.68 -9.99	48.84 4.13 -16.82	46.48 2.63 -25.71	47.72 1.97 -32.50
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.19 2.85 -13.23	48.61 2.57 -14.23	45.84 1.44 -26.42	43.90 1.09 -28.94	47.69 2.28 -16.33	53.91 2.60 -19.07	59.28 3.35 -14.62	65.66 3.07 -27.66	61.74 1.50 -44.49	60.62 1.31 -45.85	59.43 2.65 -30.37	65.92 5.92 -1.86	55.02 5.02 -1.10	51.47 4.55 -2.90	49.32 3.46 -12.66	50.08 2.87 -18.97	54.12 2.32 -27.68	120.49 6.12 -49.11	76.59 1.64 -57.67	52.20 2.08 -26.85	53.29 3.43 -9.98	47.03 2.34 -16.80	45.34 1.52 -25.68	46.84 1.14 -32.46



MUNSVILLE_WIND_PWR 323609	40.64 2.50 -4.03	38.43 2.29 -4.34	27.21 1.18 -8.05	23.61 0.93 -8.82	36.10 2.05 -4.97	40.61 2.56 -5.81	49.38 3.62 -4.45	46.80 3.36 -8.51	30.91 1.55 -13.62	28.57 1.24 -13.86	37.44 2.25 -8.77	63.01 4.86 0.00	53.34 4.15 -0.29	47.72 3.02 -0.68	39.23 2.30 -3.74	35.97 2.10 -5.63	34.41 1.86 -8.43	86.72 5.49 -15.96	36.30 1.50 -17.52	33.15 1.85 -8.03	45.73 2.88 -2.99	34.65 1.74 -5.03	27.09 1.27 -7.68	23.99 1.04 -9.71
N SALMON___HYD 24042	33.66 -0.45 0.00	31.51 -0.30 0.00	17.78 -0.20 0.00	13.62 -0.25 0.00	28.68 -0.39 0.00	31.88 -0.36 0.00	41.05 -0.25 0.00	34.61 -0.32 0.00	15.55 -0.20 0.00	13.31 -0.15 0.00	26.02 -0.39 0.00	57.32 -0.83 0.00	47.82 -1.08 0.00	42.91 -1.11 0.00	3.81 -1.02 28.37	27.47 -0.78 0.00	23.52 -0.61 0.00	64.38 -0.89 0.00	16.98 -0.30 0.00	22.95 -0.32 0.00	39.26 -0.61 0.00	27.48 -0.41 0.00	17.74 -0.39 0.00	12.81 -0.44 0.00
N.E_GEN_SANDY PD 24062	51.48 1.98 -15.39	50.83 1.87 -17.15	50.36 1.07 -31.31	48.98 0.81 -34.30	50.09 1.67 -19.35	56.66 1.82 -22.61	60.86 2.23 -17.33	69.73 2.01 -32.78	66.56 0.94 -49.86	62.47 0.82 -48.18	54.32 1.65 -26.26	53.13 3.65 8.67	52.43 3.09 -0.44	46.29 2.81 0.54	48.03 2.17 -12.65	49.62 1.83 -19.54	58.49 1.56 -32.80	127.65 4.18 -58.20	86.55 1.10 -68.18	56.00 1.43 -31.30	51.37 2.33 -9.17	49.04 1.56 -19.59	49.10 1.02 -29.94	51.85 0.76 -37.85
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.72 2.46 -12.15	47.08 2.21 -13.07	43.48 1.24 -24.26	41.40 0.95 -26.57	46.06 1.99 -14.99	52.04 2.29 -17.51	57.74 3.01 -13.42	63.09 2.76 -25.40	57.88 1.30 -40.82	56.62 1.11 -42.04	56.45 2.26 -27.78	64.74 5.00 -1.59	54.10 4.20 -1.00	50.49 3.85 -2.62	47.76 2.95 -11.60	48.10 2.47 -17.38	51.57 2.03 -25.41	115.87 5.51 -45.09	71.75 1.47 -53.00	49.89 1.84 -24.78	52.05 2.97 -9.21	45.39 2.00 -15.51	43.13 1.29 -23.70	44.18 0.98 -29.96
NARROWS_GT1_1 24228	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT1_2 24229	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT1_3 24230	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT1_4 24231	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT1_5 24232	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT1_6 24233	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT1_7 24234	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT1_8 24235	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT2_1 24236	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT2_2 24237	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT2_3 24238	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45



NARROWS_GT2_4 24239	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT2_5 24240	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT2_6 24241	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT2_7 24242	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NARROWS_GT2_8 24243	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.57 2.19 -14.27	49.16 2.00 -15.35	47.58 1.11 -28.48	45.92 0.85 -31.20	48.46 1.79 -17.60	54.87 2.07 -20.56	59.79 2.72 -15.76	67.27 2.51 -29.82	64.56 1.17 -47.64	63.20 1.01 -48.72	59.96 1.93 -31.62	63.06 4.16 -0.75	53.72 3.73 -1.09	49.93 3.24 -2.67	48.97 2.39 -13.38	50.32 1.96 -20.11	55.67 1.70 -29.85	123.12 4.90 -52.95	80.85 1.30 -62.27	54.06 1.59 -29.20	53.38 2.65 -10.85	47.93 1.77 -18.28	47.18 1.11 -27.93	49.36 0.81 -35.31
NEG CAPITAL___MECHNVIL 23645	55.63 2.32 -19.20	54.65 2.19 -20.66	57.55 1.23 -38.34	56.82 0.94 -42.00	54.75 1.98 -23.70	62.08 2.17 -27.68	65.35 2.83 -21.22	77.62 2.55 -40.14	80.21 1.14 -63.31	78.28 0.96 -63.85	68.09 1.83 -39.84	59.96 3.85 2.04	53.38 3.25 -1.22	49.43 2.93 -2.48	53.81 2.25 -18.36	56.48 1.99 -26.25	66.08 1.79 -40.17	141.57 5.04 -71.26	102.00 1.33 -83.40	63.12 1.75 -38.11	56.94 2.91 -14.17	53.64 1.90 -23.85	55.79 1.20 -36.45	60.20 0.88 -46.08
NEG CENTRAL_HIGH_ACRES 23767	35.59 -0.06 -1.54	33.36 -0.11 -1.66	21.03 -0.02 -3.08	17.25 0.01 -3.37	30.93 -0.05 -1.90	34.46 0.00 -2.22	42.81 -0.20 -1.70	38.14 -0.01 -3.22	20.94 0.07 -5.11	18.70 0.03 -5.21	29.80 0.04 -3.35	58.17 0.02 0.00	49.02 0.01 -0.11	44.07 -0.21 -0.26	34.61 -0.02 -1.43	30.29 -0.10 -2.15	27.33 -0.02 -3.22	69.97 -0.27 -4.98	23.93 -0.04 -6.69	26.21 -0.13 -3.07	40.63 -0.38 -1.14	29.42 -0.40 -1.92	20.89 -0.18 -2.93	16.93 -0.02 -3.71
NEG CENTRAL___DRP 24199	36.30 0.44 -1.75	34.06 0.37 -1.88	21.67 0.20 -3.49	17.87 0.18 -3.82	31.57 0.34 -2.16	35.20 0.45 -2.52	43.83 0.60 -1.93	39.36 0.79 -3.64	21.95 0.41 -5.78	19.68 0.33 -5.88	30.82 0.62 -3.79	59.31 1.16 0.00	50.02 0.99 -0.13	44.93 0.62 -0.29	35.43 0.61 -1.62	31.12 0.43 -2.44	28.21 0.43 -3.66	72.81 1.05 -6.49	25.20 0.33 -7.60	27.09 0.34 -3.48	41.64 0.48 -1.30	30.28 0.21 -2.18	21.64 0.17 -3.33	17.65 0.19 -4.21
NEG CENTRAL___INDECK 23768	37.60 1.18 -2.31	35.32 1.02 -2.49	23.22 0.62 -4.62	19.46 0.52 -5.06	32.92 1.00 -2.86	36.78 1.20 -3.34	45.23 1.37 -2.56	41.26 1.47 -4.86	24.31 0.81 -7.74	22.01 0.66 -7.88	32.72 1.28 -5.03	60.93 2.63 -0.15	51.15 2.06 -0.19	45.94 1.54 -0.39	36.80 1.46 -2.14	32.53 1.06 -3.23	29.93 0.97 -4.84	79.68 2.54 -11.88	28.04 0.71 -10.05	28.61 0.73 -4.61	42.53 0.95 -1.71	31.29 0.52 -2.88	22.98 0.44 -4.41	19.31 0.49 -5.57
NEG CENTRAL___SENECA 23627	36.73 0.69 -1.94	34.48 0.58 -2.08	22.19 0.34 -3.87	18.41 0.30 -4.24	32.03 0.57 -2.39	35.75 0.72 -2.79	44.35 0.91 -2.14	40.08 1.10 -4.05	22.77 0.57 -6.44	20.49 0.46 -6.56	31.50 0.89 -4.20	59.83 1.68 0.00	50.48 1.43 -0.14	45.30 0.96 -0.33	35.88 0.88 -1.80	31.58 0.63 -2.70	28.80 0.62 -4.05	73.95 1.50 -7.19	26.18 0.49 -8.42	27.64 0.52 -3.86	42.03 0.72 -1.44	30.68 0.37 -2.41	22.13 0.30 -3.69	18.21 0.30 -4.67
NEG CENTRAL___STATE_STREET 24147	36.43 0.61 -1.71	34.20 0.55 -1.84	21.62 0.22 -3.41	17.80 0.19 -3.74	31.56 0.37 -2.11	35.18 0.49 -2.46	43.86 0.67 -1.89	39.40 0.90 -3.56	21.82 0.41 -5.66	19.54 0.31 -5.76	30.69 0.58 -3.70	59.42 1.27 0.00	49.98 0.96 -0.12	45.15 0.85 -0.29	35.53 0.74 -1.58	31.22 0.59 -2.39	28.26 0.56 -3.57	73.06 1.45 -6.34	25.04 0.33 -7.43	27.06 0.38 -3.41	41.87 0.74 -1.27	30.35 0.33 -2.13	21.67 0.28 -3.26	17.58 0.22 -4.12
NEG MILLWOOD___DRP 24198	50.20 2.79 -13.30	48.64 2.53 -14.30	45.96 1.42 -26.56	44.05 1.08 -29.09	47.74 2.26 -16.41	54.00 2.60 -19.17	59.39 3.40 -14.70	65.86 3.12 -27.80	61.91 1.49 -44.67	60.73 1.29 -45.98	59.35 2.59 -30.35	65.57 5.75 -1.66	54.90 4.90 -1.09	51.30 4.44 -2.84	49.26 3.38 -12.69	50.05 2.79 -19.01	54.26 2.31 -27.82	120.86 6.23 -49.36	76.95 1.67 -58.00	52.46 2.12 -27.07	53.42 3.49 -10.06	47.19 2.35 -16.94	45.56 1.52 -25.90	47.10 1.12 -32.73
NEG NORTH_FLCLN_SEA 23793	33.91 -0.20 0.00	31.71 -0.10 0.00	17.90 -0.09 0.00	13.69 -0.19 0.00	28.80 -0.27 0.00	32.11 -0.12 0.00	41.29 -0.01 0.00	34.84 -0.09 0.00	15.73 -0.02 0.00	13.46 -0.01 0.00	26.30 -0.11 0.00	57.87 -0.28 0.00	48.30 -0.60 0.00	43.24 -0.78 0.00	2.19 -0.70 30.32	27.68 -0.57 0.00	23.73 -0.39 0.00	64.93 -0.33 0.00	17.10 -0.18 0.00	23.04 -0.23 0.00	39.34 -0.53 0.00	27.51 -0.38 0.00	17.78 -0.35 0.00	12.84 -0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	33.55 -0.56 0.00	31.39 -0.42 0.00	17.69 -0.29 0.00	13.53 -0.34 0.00	28.52 -0.55 0.00	31.76 -0.47 0.00	40.82 -0.48 0.00	34.39 -0.54 0.00	15.49 -0.27 0.00	13.25 -0.21 0.00	25.94 -0.47 0.00	57.12 -1.03 0.00	47.70 -1.21 0.00	42.72 -1.30 0.00	2.25 -1.16 29.80	27.28 -0.97 0.00	23.38 -0.75 0.00	63.93 -1.33 0.00	16.84 -0.43 0.00	22.74 -0.53 0.00	38.88 -0.99 0.00	27.22 -0.67 0.00	17.57 -0.57 0.00	12.68 -0.56 0.00



NEG NORTH___ALICE_FALLS 23915	34.20 0.09 0.00	31.96 0.15 0.00	18.03 0.05 0.00	13.79 -0.08 0.00	29.04 -0.03 0.00	32.40 0.16 0.00	41.74 0.44 0.00	35.29 0.36 0.00	15.92 0.17 0.00	13.60 0.13 0.00	26.55 0.14 0.00	58.14 -0.01 0.00	48.32 -0.59 0.00	43.26 -0.75 0.00	2.26 -0.71 30.24	27.67 -0.57 0.00	23.74 -0.38 0.00	65.05 -0.21 0.00	17.14 -0.13 0.00	23.12 -0.15 0.00	39.47 -0.40 0.00	27.60 -0.29 0.00	17.83 -0.31 0.00	12.87 -0.38 0.00
NEG NORTH___LWR_SARANAC 23913	34.20 0.09 0.00	31.96 0.15 0.00	18.03 0.05 0.00	13.79 -0.08 0.00	29.04 -0.03 0.00	32.40 0.16 0.00	41.74 0.44 0.00	35.29 0.36 0.00	15.92 0.17 0.00	13.60 0.13 0.00	26.55 0.14 0.00	58.14 -0.01 0.00	48.32 -0.59 0.00	43.26 -0.75 0.00	2.26 -0.71 30.24	27.67 -0.57 0.00	23.74 -0.38 0.00	65.05 -0.21 0.00	17.14 -0.13 0.00	23.12 -0.15 0.00	39.47 -0.40 0.00	27.60 -0.29 0.00	17.83 -0.31 0.00	12.87 -0.38 0.00
NEG NORTH___PLATTSBURG 23628	34.20 0.09 0.00	31.96 0.15 0.00	18.03 0.05 0.00	13.79 -0.08 0.00	29.04 -0.03 0.00	32.40 0.16 0.00	41.74 0.44 0.00	35.29 0.36 0.00	15.92 0.17 0.00	13.60 0.13 0.00	26.55 0.14 0.00	58.14 -0.01 0.00	48.32 -0.59 0.00	43.26 -0.75 0.00	2.26 -0.71 30.24	27.67 -0.57 0.00	23.74 -0.38 0.00	65.05 -0.21 0.00	17.14 -0.13 0.00	23.12 -0.15 0.00	39.47 -0.40 0.00	27.60 -0.29 0.00	17.83 -0.31 0.00	12.87 -0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	35.41 -0.72 -2.02	33.30 -0.67 -2.17	21.70 -0.31 -4.03	18.10 -0.18 -4.41	30.87 -0.69 -2.49	34.34 -0.80 -2.91	41.52 -2.02 -2.23	37.55 -1.61 -4.23	21.97 -0.52 -6.74	19.82 -0.51 -6.86	29.74 -1.06 -4.39	55.64 -2.55 -0.04	46.97 -2.16 -0.23	42.11 -2.25 -0.34	33.61 -1.46 -1.87	29.57 -1.49 -2.81	27.15 -1.19 -4.22	74.45 -4.03 -13.22	25.02 -1.02 -8.76	25.80 -1.49 -4.02	38.47 -2.90 -1.49	28.30 -2.11 -2.52	20.97 -1.01 -3.84	17.72 -0.38 -4.86
NEG WEST___LANCASTR 23811	37.00 0.62 -2.27	34.76 0.51 -2.44	22.88 0.37 -4.52	19.16 0.33 -4.96	32.35 0.48 -2.80	36.02 0.52 -3.27	43.75 -0.06 -2.51	39.99 0.30 -4.76	23.66 0.33 -7.58	21.44 0.25 -7.72	31.84 0.50 -4.93	62.91 1.09 -3.67	50.07 0.91 -0.25	44.94 0.53 -0.39	35.95 0.65 -2.10	31.59 0.18 -3.16	29.10 0.24 -4.74	88.24 0.09 -22.89	27.15 0.02 -9.86	27.66 -0.12 -4.52	41.04 -0.51 -1.68	30.26 -0.45 -2.83	22.45 -0.01 -4.32	19.01 0.31 -5.46
NEG_PENN_ALLEGHNY 23528	39.16 0.67 -4.38	37.10 0.58 -4.71	27.05 0.33 -8.74	23.72 0.27 -9.58	35.00 0.52 -5.40	39.19 0.64 -6.31	46.99 0.85 -4.84	45.06 0.92 -9.20	30.89 0.46 -14.67	28.80 0.40 -14.94	36.72 0.79 -9.52	59.85 1.70 0.00	50.62 1.40 -0.32	45.85 1.09 -0.74	38.15 0.89 -4.06	35.03 0.67 -6.11	33.90 0.61 -9.16	84.44 1.62 -17.56	36.76 0.45 -19.03	32.53 0.53 -8.73	43.97 0.86 -3.24	33.86 0.51 -5.46	26.84 0.36 -8.35	24.11 0.32 -10.55
NEG___GEN_MONROE 24207	36.09 0.39 -1.59	33.90 0.38 -1.71	21.41 0.25 -3.18	17.60 0.24 -3.48	31.41 0.37 -1.97	34.98 0.45 -2.29	43.20 0.13 -1.76	38.54 0.28 -3.33	21.31 0.26 -5.30	19.03 0.17 -5.39	30.20 0.33 -3.46	58.72 0.57 0.00	49.40 0.38 -0.12	44.37 0.08 -0.27	34.97 0.30 -1.47	30.60 0.14 -2.22	27.63 0.18 -3.33	70.87 0.13 -5.48	24.25 0.07 -6.91	26.45 0.01 -3.17	40.84 -0.21 -1.18	29.63 -0.25 -1.98	21.14 -0.02 -3.03	17.22 0.15 -3.83
NEPA___ENERGY 23901	36.54 0.15 -2.27	34.36 0.11 -2.44	22.65 0.14 -4.53	19.02 0.18 -4.96	31.98 0.10 -2.80	35.57 0.06 -3.27	43.24 -0.57 -2.51	39.52 -0.18 -4.76	23.67 0.11 -7.81	22.21 0.11 -8.64	31.54 0.19 -4.93	60.73 0.58 -1.99	49.64 0.49 -0.24	44.30 -0.11 -0.39	35.58 0.27 -2.10	31.18 -0.23 -3.17	28.84 -0.03 -4.75	86.23 -0.61 -21.58	26.92 -0.22 -9.87	27.40 -0.39 -4.52	40.77 -0.78 -1.68	30.04 -0.69 -2.83	22.31 -0.15 -4.33	18.87 0.16 -5.47
NEVERSINK___HYD 23608	49.48 4.09 -11.28	47.67 3.73 -12.13	42.61 2.11 -22.52	40.17 1.63 -24.67	46.41 3.42 -13.92	52.44 3.94 -16.26	58.98 5.21 -12.46	63.06 4.55 -23.58	55.64 2.06 -37.83	54.09 1.75 -38.87	55.46 3.51 -25.54	66.99 7.65 -1.19	56.15 6.34 -0.91	52.14 5.79 -2.33	48.42 4.51 -10.71	48.06 3.76 -16.06	50.94 3.23 -23.59	115.95 8.82 -41.86	68.89 2.36 -49.25	49.38 2.97 -23.14	53.42 4.95 -8.60	45.77 3.39 -14.48	42.44 2.17 -22.14	42.84 1.61 -27.98
NEWTON___FALLS_HYD 23847	32.81 -1.30 0.00	30.74 -1.07 0.00	17.35 -0.64 0.00	13.40 -0.48 0.00	28.12 -0.95 0.00	31.11 -1.12 0.00	40.41 -0.90 0.00	34.03 -0.90 0.00	15.23 -0.53 0.00	12.92 -0.55 0.00	25.25 -1.16 0.00	55.58 -2.57 0.00	46.60 -2.31 0.00	42.14 -1.88 0.00	15.59 -1.59 16.03	27.13 -1.11 0.00	23.23 -0.89 0.00	63.58 -1.68 0.00	16.75 -0.53 0.00	22.70 -0.56 0.00	38.90 -0.97 0.00	27.23 -0.66 0.00	17.61 -0.53 0.00	12.81 -0.43 0.00
NIAGARA_115E_LBMP 323715	34.81 -1.35 -2.05	32.74 -1.27 -2.20	21.38 -0.70 -4.09	17.88 -0.47 -4.48	30.26 -1.35 -2.53	33.69 -1.50 -2.95	40.63 -2.94 -2.27	36.77 -2.46 -4.29	21.69 -0.90 -6.84	19.60 -0.83 -6.97	29.18 -1.68 -4.45	52.93 -3.96 1.27	45.75 -3.34 -0.19	41.07 -3.29 -0.34	32.86 -2.24 -1.90	28.97 -2.14 -2.86	26.67 -1.74 -4.29	65.05 -5.60 -5.39	24.74 -1.44 -8.90	25.33 -2.02 -4.08	37.52 -3.86 -1.52	27.65 -2.79 -2.56	20.59 -1.45 -3.90	17.48 -0.69 -4.93
NIAGARA_115W_LBMP 323714	34.89 -1.26 -2.05	32.87 -1.15 -2.20	21.57 -0.50 -4.09	18.01 -0.35 -4.48	30.51 -1.09 -2.53	33.84 -1.34 -2.94	40.72 -2.84 -2.25	36.79 -2.41 -4.26	21.59 -0.94 -6.78	19.52 -0.85 -6.90	29.14 -1.70 -4.42	51.38 -3.90 2.87	45.43 -3.31 0.17	41.12 -3.23 -0.34	32.85 -2.24 -1.89	28.94 -2.15 -2.85	26.63 -1.76 -4.26	58.11 -5.67 1.48	24.65 -1.46 -8.83	25.28 -2.05 -4.06	37.68 -3.71 -1.52	27.80 -2.63 -2.55	20.68 -1.35 -3.90	17.59 -0.58 -4.93
NIAGARA_230_LBMP 323716	35.18 -0.96 -2.03	33.12 -0.87 -2.18	21.67 -0.36 -4.05	18.07 -0.24 -4.44	30.79 -0.79 -2.50	34.17 -1.00 -2.93	41.15 -2.40 -2.24	37.18 -2.00 -4.24	21.81 -0.70 -6.76	19.69 -0.66 -6.88	29.47 -1.34 -4.41	53.85 -3.19 1.11	46.30 -2.68 -0.08	41.64 -2.72 -0.34	33.27 -1.82 -1.88	29.29 -1.78 -2.83	26.93 -1.43 -4.24	59.01 -4.76 1.50	24.88 -1.20 -8.81	25.60 -1.71 -4.04	38.17 -3.20 -1.50	28.15 -2.27 -2.53	20.90 -1.10 -3.87	17.70 -0.43 -4.89
NIAGARA____ 23760	34.93 -1.22 -2.05	32.85 -1.16 -2.20	21.44 -0.64 -4.09	17.93 -0.43 -4.48	30.35 -1.25 -2.53	33.82 -1.37 -2.95	40.87 -2.68 -2.26	36.97 -2.22 -4.26	21.71 -0.84 -6.79	19.62 -0.76 -6.92	29.31 -1.52 -4.42	53.15 -3.54 1.46	45.99 -2.98 -0.06	41.40 -2.96 -0.34	33.07 -2.02 -1.89	29.14 -1.95 -2.84	26.79 -1.59 -4.26	60.66 -5.21 -0.61	24.79 -1.33 -8.84	25.44 -1.88 -4.06	37.87 -3.51 -1.51	27.89 -2.54 -2.54	20.66 -1.37 -3.90	17.52 -0.66 -4.93
NINE_MILE_1 23575	34.31 -0.69 -0.88	32.11 -0.65 -0.95	19.38 -0.37 -1.76	15.53 -0.27 -1.93	29.57 -0.59 -1.09	32.89 -0.62 -1.27	41.48 -0.80 -0.98	36.18 -0.59 -1.84	18.41 -0.25 -2.91	16.20 -0.23 -2.96	27.87 -0.45 -1.91	57.10 -1.06 0.00	48.10 -0.87 -0.06	43.34 -0.83 -0.15	33.43 -0.59 -0.82	28.95 -0.53 -1.23	25.54 -0.43 -1.85	67.32 -1.22 -3.28	20.80 -0.32 -3.84	24.58 -0.45 -1.76	39.73 -0.80 -0.66	28.39 -0.60 -1.10	19.45 -0.37 -1.68	15.12 -0.25 -2.13



NINE_MILE_2 23744	34.31 -0.69 -0.88	32.11 -0.65 -0.95	19.38 -0.37 -1.76	15.53 -0.27 -1.93	29.57 -0.59 -1.09	32.89 -0.62 -1.27	41.48 -0.80 -0.97	36.18 -0.59 -1.83	18.41 -0.25 -2.91	16.20 -0.23 -2.96	27.87 -0.45 -1.91	57.10 -1.06 0.00	48.10 -0.87 -0.06	43.34 -0.83 -0.15	33.43 -0.59 -0.82	28.95 -0.53 -1.23	25.54 -0.43 -1.85	67.31 -1.22 -3.27	20.79 -0.31 -3.83	24.58 -0.45 -1.76	39.73 -0.79 -0.65	28.39 -0.60 -1.10	19.44 -0.37 -1.68	15.12 -0.25 -2.12
NM_CAPITAL___DRP 24208	53.93 1.64 -18.18	52.91 1.54 -19.56	55.13 0.84 -36.31	54.29 0.64 -39.77	52.90 1.38 -22.44	60.00 1.55 -26.21	63.34 1.95 -20.09	74.64 1.70 -38.01	76.51 0.76 -60.00	74.70 0.67 -60.56	65.61 1.32 -37.88	59.26 2.87 1.76	52.56 2.48 -1.17	48.69 2.26 -2.41	51.40 1.72 -16.47	54.57 1.43 -24.90	63.35 1.21 -38.02	135.96 3.25 -67.45	97.06 0.86 -78.93	60.47 1.16 -36.04	55.23 1.96 -13.40	51.74 1.29 -22.56	53.43 0.81 -34.48	57.43 0.60 -43.58
NM_CENTRAL___DRP 24181	35.27 -0.02 -1.18	33.03 -0.05 -1.27	20.31 -0.02 -2.35	16.44 -0.01 -2.58	30.49 -0.04 -1.45	33.96 0.02 -1.70	42.67 0.08 -1.28	37.52 0.22 -2.36	19.58 0.13 -3.70	17.33 0.09 -3.77	29.07 0.17 -2.49	58.48 0.33 0.00	49.30 0.32 -0.08	44.42 0.21 -0.19	34.47 0.20 -1.07	30.00 0.14 -1.61	26.70 0.13 -2.45	69.85 0.21 -4.37	22.47 0.07 -5.12	25.67 0.05 -2.35	40.77 0.03 -0.87	29.32 -0.04 -1.47	20.37 -0.01 -2.25	16.11 0.03 -2.84
NM_FRONTIER___DRP 24179	34.89 -1.26 -2.05	32.87 -1.15 -2.20	21.57 -0.50 -4.09	18.01 -0.35 -4.48	30.51 -1.09 -2.53	33.84 -1.34 -2.94	40.72 -2.84 -2.25	36.79 -2.41 -4.26	21.59 -0.94 -6.78	19.52 -0.85 -6.90	29.14 -1.70 -4.42	51.38 -3.90 2.87	45.43 -3.31 0.17	41.12 -3.23 -0.34	32.85 -2.24 -1.89	28.94 -2.15 -2.85	26.63 -1.76 -4.26	58.11 -5.67 1.48	24.65 -1.46 -8.83	25.28 -2.05 -4.06	37.68 -3.71 -1.52	27.80 -2.63 -2.55	20.68 -1.35 -3.90	17.59 -0.58 -4.93
NM_ST_REGIS___HYD 24053	32.69 -1.42 0.00	30.72 -1.09 0.00	17.34 -0.64 0.00	13.34 -0.53 0.00	28.03 -1.04 0.00	30.91 -1.33 0.00	40.07 -1.24 0.00	33.55 -1.39 0.00	15.00 -0.75 0.00	12.81 -0.65 0.00	25.08 -1.33 0.00	55.44 -2.71 0.00	46.23 -2.68 0.00	41.63 -2.39 0.00	6.14 -2.04 25.03	26.80 -1.45 0.00	22.88 -1.25 0.00	62.89 -2.37 0.00	16.56 -0.71 0.00	22.44 -0.82 0.00	38.46 -1.41 0.00	26.98 -0.91 0.00	17.45 -0.69 0.00	12.63 -0.62 0.00
NORTHPORT___1 23551	51.12 3.77 -13.24	49.19 3.13 -14.25	46.24 1.82 -26.44	44.28 1.44 -28.97	48.23 2.82 -16.34	54.53 3.20 -19.09	60.00 4.06 -14.63	66.18 3.56 -27.69	62.04 1.76 -44.53	60.88 1.52 -45.90	63.97 3.32 -34.24	67.21 7.19 -1.86	56.22 6.21 -1.11	52.38 5.46 -2.90	49.86 3.99 -12.68	50.58 3.35 -18.99	54.45 2.62 -27.71	121.16 6.74 -49.15	76.88 1.87 -57.73	52.57 2.43 -26.88	53.66 3.80 -9.99	47.58 2.86 -16.82	45.69 1.84 -25.71	47.19 1.45 -32.50
NORTHPORT___2 23552	51.12 3.77 -13.24	49.19 3.13 -14.25	46.24 1.82 -26.44	44.28 1.44 -28.97	48.23 2.82 -16.34	54.53 3.20 -19.09	60.00 4.06 -14.63	66.18 3.56 -27.69	62.04 1.76 -44.53	60.88 1.52 -45.90	63.97 3.32 -34.24	67.21 7.19 -1.86	56.22 6.21 -1.11	52.38 5.46 -2.90	49.86 3.99 -12.68	50.58 3.35 -18.99	54.45 2.62 -27.71	121.16 6.74 -49.15	76.88 1.87 -57.73	52.57 2.43 -26.88	53.66 3.80 -9.99	47.58 2.86 -16.82	45.69 1.84 -25.71	47.19 1.45 -32.50
NORTHPORT___3 23553	50.57 3.21 -13.24	48.75 2.69 -14.25	45.97 1.55 -26.44	44.06 1.22 -28.97	47.82 2.40 -16.34	54.10 2.77 -19.09	59.52 3.58 -14.63	65.80 3.18 -27.69	61.86 1.57 -44.53	60.72 1.36 -45.90	63.60 2.96 -34.23	66.49 6.48 -1.86	55.59 5.58 -1.11	51.86 4.94 -2.90	49.48 3.61 -12.68	50.23 3.00 -18.99	54.19 2.36 -27.71	120.51 6.09 -49.15	76.70 1.70 -57.73	52.34 2.19 -26.88	53.19 3.33 -9.99	47.20 2.49 -16.82	45.43 1.59 -25.71	46.98 1.24 -32.50
NORTHPORT___4 23650	50.57 3.21 -13.24	48.75 2.69 -14.25	45.97 1.55 -26.44	44.06 1.22 -28.97	47.82 2.40 -16.34	54.10 2.77 -19.09	59.52 3.58 -14.63	65.80 3.18 -27.69	61.86 1.57 -44.53	60.72 1.36 -45.90	63.60 2.96 -34.23	66.49 6.48 -1.86	55.59 5.58 -1.11	51.86 4.94 -2.90	49.48 3.61 -12.68	50.23 3.00 -18.99	54.19 2.36 -27.71	120.51 6.09 -49.15	76.70 1.70 -57.73	52.34 2.19 -26.88	53.19 3.33 -9.99	47.20 2.49 -16.82	45.43 1.59 -25.71	46.98 1.24 -32.50
NORTHPORT___IC 23718	51.12 3.77 -13.24	49.19 3.13 -14.25	46.24 1.82 -26.44	44.28 1.44 -28.97	48.23 2.82 -16.34	54.53 3.20 -19.09	60.00 4.06 -14.63	66.18 3.56 -27.69	62.04 1.76 -44.53	60.88 1.52 -45.90	63.97 3.32 -34.24	67.21 7.19 -1.86	56.22 6.21 -1.11	52.38 5.46 -2.90	49.86 3.99 -12.68	50.58 3.35 -18.99	54.45 2.62 -27.71	121.16 6.74 -49.15	76.88 1.87 -57.73	52.57 2.43 -26.88	53.66 3.80 -9.99	47.58 2.86 -16.82	45.69 1.84 -25.71	47.19 1.45 -32.50
NPX_GEN_1385_PROXY 323591	51.37 4.01 -13.24	49.19 3.13 -14.25	46.24 1.82 -26.44	44.38 1.54 -28.97	48.35 2.94 -16.34	54.52 3.19 -19.09	62.11 3.69 -17.11	65.91 3.29 -27.69	62.08 1.79 -44.53	60.85 1.49 -45.90	63.87 3.22 -34.24	66.34 6.33 -1.86	55.19 5.18 -1.11	51.56 4.64 -2.90	49.02 3.14 -12.68	50.18 2.95 -18.99	54.27 2.44 -27.71	120.38 5.96 -49.15	76.68 1.67 -57.73	52.36 2.21 -26.88	52.84 2.98 -9.99	47.04 2.32 -16.82	45.34 1.49 -25.71	47.11 1.36 -32.50
NPX_GEN_CSC 323557	51.46 4.10 -13.24	49.51 3.45 -14.25	46.42 2.00 -26.44	44.42 1.58 -28.97	48.49 3.08 -16.34	54.91 3.59 -19.09	63.10 4.69 -17.11	66.78 4.16 -27.69	62.29 2.00 -44.53	61.07 1.70 -45.90	64.42 3.78 -34.22	68.17 8.16 -1.86	57.07 7.06 -1.11	52.99 6.06 -2.90	50.08 4.21 -12.68	50.83 3.60 -18.99	54.66 2.83 -27.71	122.25 7.83 -49.15	77.20 2.19 -57.73	52.98 2.83 -26.88	54.29 4.43 -9.99	48.03 3.32 -16.82	45.96 2.11 -25.71	47.36 1.61 -32.50
NSINS_S_GLNS_FALLS 23858	55.53 2.01 -19.41	54.59 1.90 -20.88	57.81 1.07 -38.76	57.15 0.81 -42.46	54.72 1.69 -23.96	61.95 1.73 -27.98	65.14 2.39 -21.45	77.73 2.22 -40.57	80.79 1.00 -64.04	78.91 0.81 -64.63	68.30 1.47 -40.42	59.28 3.02 1.90	52.81 2.65 -1.25	48.85 2.26 -2.56	53.59 1.78 -18.60	56.46 1.64 -26.58	66.29 1.57 -40.60	141.95 4.65 -72.04	102.78 1.20 -84.31	63.33 1.54 -38.52	56.78 2.59 -14.32	53.58 1.58 -24.11	55.97 0.99 -36.85	60.54 0.72 -46.58
NUCOR_STEEL___DRP 24197	36.33 0.59 -1.64	34.10 0.53 -1.76	21.46 0.21 -3.27	17.62 0.17 -3.58	31.43 0.34 -2.02	35.03 0.44 -2.36	43.72 0.61 -1.81	39.20 0.87 -3.40	21.54 0.38 -5.40	19.25 0.29 -5.50	30.48 0.52 -3.55	59.36 1.21 0.00	49.90 0.88 -0.12	45.09 0.80 -0.28	35.44 0.72 -1.52	31.10 0.57 -2.29	28.09 0.54 -3.43	72.77 1.43 -6.08	24.70 0.31 -7.12	26.88 0.35 -3.27	41.80 0.72 -1.21	30.23 0.30 -2.04	21.52 0.26 -3.12	17.40 0.20 -3.95
NYISO_LBMP_REFERENCE 24008	34.11 0.00 0.00	31.81 0.00 0.00	17.98 0.00 0.00	13.87 0.00 0.00	29.07 0.00 0.00	32.24 0.00 0.00	41.30 0.00 0.00	34.94 0.00 0.00	15.75 0.00 0.00	13.46 0.00 0.00	26.41 0.00 0.00	58.15 0.00 0.00	48.90 0.00 0.00	44.02 0.00 0.00	33.20 0.00 0.00	28.24 0.00 0.00	24.12 0.00 0.00	65.26 0.00 0.00	17.28 0.00 0.00	23.27 0.00 0.00	39.87 0.00 0.00	27.89 0.00 0.00	18.14 0.00 0.00	13.25 0.00 0.00



NYPA_BRENTWD____GT 24164	51.41 4.05 -13.24	49.47 3.41 -14.25	46.38 1.96 -26.44	44.38 1.55 -28.97	48.46 3.04 -16.34	54.83 3.51 -19.09	60.51 4.57 -14.63	66.65 4.03 -27.69	62.25 1.97 -44.53	61.06 1.70 -45.90	64.30 3.68 -34.20	67.99 7.98 -1.86	56.86 6.86 -1.11	52.95 6.03 -2.90	50.29 4.41 -12.68	50.93 3.70 -18.99	54.76 2.93 -27.71	122.12 7.70 -49.15	77.14 2.14 -57.73	52.89 2.75 -26.88	54.21 4.35 -9.99	47.93 3.22 -16.82	45.89 2.04 -25.71	47.32 1.57 -32.50
NYPA_GOWANUS____GT5 24156	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NYPA_GOWANUS____GT6 24157	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45
NYPA_HARLEM__RVR__GT1 24160	50.37 3.03 -13.23	48.77 2.73 -14.23	45.92 1.53 -26.41	43.97 1.17 -28.93	47.82 2.43 -16.32	54.06 2.76 -19.07	59.56 3.64 -14.61	65.86 3.27 -27.65	61.82 1.59 -44.48	60.68 1.38 -45.84	59.57 2.80 -30.36	66.24 6.24 -1.85	55.34 5.34 -1.10	51.81 4.89 -2.90	49.53 3.67 -12.66	50.23 3.03 -18.96	54.11 2.32 -27.67	120.23 5.88 -49.09	76.53 1.60 -57.65	52.17 2.07 -26.83	53.43 3.59 -9.98	47.03 2.35 -16.80	45.43 1.62 -25.67	46.89 1.20 -32.45
NYPA_HARLEM__RVR__GT2 24161	50.37 3.03 -13.23	48.77 2.73 -14.23	45.92 1.53 -26.41	43.97 1.17 -28.93	47.82 2.43 -16.32	54.06 2.76 -19.07	59.56 3.64 -14.61	65.86 3.27 -27.65	61.82 1.59 -44.48	60.68 1.38 -45.84	59.57 2.80 -30.36	66.24 6.24 -1.85	55.34 5.34 -1.10	51.81 4.89 -2.90	49.53 3.67 -12.66	50.23 3.03 -18.96	54.11 2.32 -27.67	120.23 5.88 -49.09	76.53 1.60 -57.65	52.17 2.07 -26.83	53.43 3.59 -9.98	47.03 2.35 -16.80	45.43 1.62 -25.67	46.89 1.20 -32.45
NYPA_KENT____GT 24152	50.38 3.04 -13.23	48.79 2.75 -14.23	45.93 1.54 -26.41	43.97 1.17 -28.93	47.84 2.44 -16.32	54.07 2.77 -19.07	59.49 3.57 -14.61	65.84 3.25 -27.65	61.83 1.60 -44.48	60.69 1.39 -45.84	59.59 2.82 -30.36	66.30 6.30 -1.85	55.34 5.33 -1.10	51.74 4.82 -2.90	49.50 3.64 -12.66	50.24 3.03 -18.96	54.24 2.45 -27.67	120.79 6.43 -49.09	98.54 1.72 -79.54	52.30 2.18 -26.85	53.46 3.61 -9.98	47.14 2.45 -16.80	45.42 1.61 -25.67	46.89 1.20 -32.45
NYPA_POUCH1____GT 24155	50.38 3.04 -13.23	48.81 2.77 -14.23	45.95 1.56 -26.41	43.98 1.18 -28.93	47.85 2.46 -16.32	54.11 2.81 -19.07	59.55 3.63 -14.61	65.88 3.30 -27.65	61.84 1.61 -44.48	60.69 1.39 -45.84	59.58 2.81 -30.36	66.27 6.27 -1.85	55.26 5.26 -1.10	51.66 4.74 -2.90	49.44 3.58 -12.66	50.21 3.00 -18.96	54.23 2.44 -27.67	120.74 6.38 -49.09	91.23 1.71 -72.24	52.28 2.17 -26.85	53.41 3.56 -9.98	47.11 2.43 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
NYPA_VERNON____GT2 24162	50.31 2.97 -13.23	48.72 2.69 -14.23	45.90 1.51 -26.41	43.94 1.14 -28.93	47.78 2.39 -16.32	54.00 2.70 -19.07	59.39 3.47 -14.61	65.75 3.17 -27.65	61.78 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.23 5.23 -1.10	51.66 4.74 -2.90	49.45 3.59 -12.66	50.19 2.98 -18.96	54.19 2.39 -27.67	120.60 6.25 -49.09	76.61 1.68 -57.65	52.23 2.13 -26.83	53.38 3.53 -9.98	47.08 2.40 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
NYPA_VERNON____GT3 24163	50.31 2.97 -13.23	48.72 2.69 -14.23	45.90 1.51 -26.41	43.94 1.14 -28.93	47.78 2.39 -16.32	54.00 2.70 -19.07	59.39 3.47 -14.61	65.75 3.17 -27.65	61.78 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.23 5.23 -1.10	51.66 4.74 -2.90	49.45 3.59 -12.66	50.19 2.98 -18.96	54.19 2.39 -27.67	120.60 6.25 -49.09	76.61 1.68 -57.65	52.23 2.13 -26.83	53.38 3.53 -9.98	47.08 2.40 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
NYPA__ASTORIA_CC1 323568	50.31 2.98 -13.23	48.73 2.69 -14.23	45.90 1.52 -26.41	43.95 1.15 -28.93	47.79 2.40 -16.32	54.00 2.70 -19.07	59.37 3.45 -14.61	65.73 3.14 -27.65	61.77 1.55 -44.48	60.65 1.35 -45.84	59.52 2.75 -30.36	66.10 6.10 -1.85	55.22 5.22 -1.10	51.65 4.73 -2.90	49.44 3.58 -12.66	50.18 2.97 -18.96	54.17 2.37 -27.67	120.53 6.18 -49.09	76.59 1.66 -57.65	52.21 2.11 -26.83	53.36 3.51 -9.98	47.06 2.38 -16.80	45.38 1.57 -25.67	46.87 1.18 -32.45
NYPA__ASTORIA_CC2 323569	50.31 2.98 -13.23	48.73 2.69 -14.23	45.90 1.52 -26.41	43.95 1.15 -28.93	47.79 2.40 -16.32	54.00 2.70 -19.07	59.37 3.45 -14.61	65.73 3.14 -27.65	61.77 1.55 -44.48	60.65 1.35 -45.84	59.52 2.75 -30.36	66.10 6.10 -1.85	55.22 5.22 -1.10	51.65 4.73 -2.90	49.44 3.58 -12.66	50.18 2.97 -18.96	54.17 2.37 -27.67	120.53 6.18 -49.09	76.59 1.66 -57.65	52.21 2.11 -26.83	53.36 3.51 -9.98	47.06 2.38 -16.80	45.38 1.57 -25.67	46.87 1.18 -32.45
NYPA__HOLTSVILL 23794	51.19 3.84 -13.24	49.27 3.22 -14.25	46.28 1.86 -26.44	44.31 1.47 -28.97	48.29 2.87 -16.34	54.64 3.32 -19.09	60.24 4.30 -14.63	66.43 3.81 -27.69	62.15 1.86 -44.53	60.96 1.60 -45.90	64.14 3.51 -34.23	67.61 7.59 -1.86	56.56 6.55 -1.11	52.63 5.71 -2.90	49.98 4.10 -12.68	50.69 3.46 -18.99	54.53 2.70 -27.71	121.60 7.18 -49.15	77.01 2.00 -57.73	52.73 2.58 -26.88	53.90 4.04 -9.99	47.75 3.04 -16.82	45.79 1.94 -25.71	47.24 1.50 -32.50
NYPA__HELLGATE_GT1 24158	50.37 3.03 -13.23	48.77 2.73 -14.23	45.92 1.53 -26.41	43.97 1.17 -28.93	47.82 2.43 -16.32	54.06 2.76 -19.07	59.56 3.64 -14.61	65.86 3.27 -27.65	61.82 1.59 -44.48	60.68 1.38 -45.84	59.57 2.80 -30.36	66.24 6.24 -1.85	55.34 5.34 -1.10	51.81 4.89 -2.90	49.53 3.67 -12.66	50.23 3.03 -18.96	54.11 2.32 -27.67	120.23 5.88 -49.09	76.53 1.60 -57.65	52.17 2.07 -26.83	53.43 3.59 -9.98	47.03 2.35 -16.80	45.43 1.62 -25.67	46.89 1.20 -32.45
NYPA__HELLGATE_GT2 24159	50.37 3.03 -13.23	48.77 2.73 -14.23	45.92 1.53 -26.41	43.97 1.17 -28.93	47.82 2.43 -16.32	54.06 2.76 -19.07	59.56 3.64 -14.61	65.86 3.27 -27.65	61.82 1.59 -44.48	60.68 1.38 -45.84	59.57 2.80 -30.36	66.24 6.24 -1.85	55.34 5.34 -1.10	51.81 4.89 -2.90	49.53 3.67 -12.66	50.23 3.03 -18.96	54.11 2.32 -27.67	120.23 5.88 -49.09	76.53 1.60 -57.65	52.17 2.07 -26.83	53.43 3.59 -9.98	47.03 2.35 -16.80	45.43 1.62 -25.67	46.89 1.20 -32.45
NYS_BARGE__HYD 23848	35.38 -0.73 -2.00	33.27 -0.69 -2.15	21.64 -0.34 -3.99	18.05 -0.20 -4.37	30.81 -0.73 -2.47	34.30 -0.82 -2.88	41.50 -2.02 -2.21	37.53 -1.60 -4.20	21.93 -0.51 -6.69	19.77 -0.50 -6.81	29.72 -1.04 -4.35	55.72 -2.51 -0.08	47.00 -2.14 -0.25	42.13 -2.23 -0.34	33.60 -1.46 -1.85	29.55 -1.48 -2.79	27.14 -1.17 -4.18	71.87 -4.03 -10.64	24.95 -1.02 -8.69	25.78 -1.48 -3.98	38.46 -2.90 -1.48	28.27 -2.11 -2.49	20.92 -1.02 -3.81	17.66 -0.39 -4.82



OAK ORCHARD___HYD 24046	35.88 0.20 -1.57	33.66 0.15 -1.69	21.26 0.14 -3.14	17.45 0.13 -3.44	31.19 0.18 -1.94	34.74 0.23 -2.27	42.99 -0.06 -1.74	38.32 0.09 -3.29	21.15 0.16 -5.24	18.90 0.10 -5.33	30.02 0.18 -3.42	58.41 0.26 0.00	49.18 0.16 -0.11	44.18 -0.10 -0.27	34.78 0.13 -1.46	30.45 0.01 -2.19	27.48 0.07 -3.29	70.52 -0.12 -5.38	24.11 0.00 -6.83	26.33 -0.07 -3.13	40.72 -0.32 -1.16	29.53 -0.31 -1.96	21.04 -0.09 -2.99	17.11 0.08 -3.78
OCC_CHEM___DRP 24175	35.04 -1.13 -2.05	33.01 -1.01 -2.21	21.66 -0.42 -4.10	18.07 -0.29 -4.49	30.66 -0.95 -2.53	34.01 -1.19 -2.96	40.90 -2.67 -2.27	36.94 -2.26 -4.27	21.69 -0.86 -6.80	19.60 -0.78 -6.92	29.30 -1.57 -4.45	51.30 -3.65 3.21	45.60 -3.09 0.21	41.32 -3.04 -0.34	33.02 -2.09 -1.90	29.10 -2.01 -2.87	26.80 -1.63 -4.31	67.17 -5.33 -7.24	24.87 -1.37 -8.96	25.43 -1.93 -4.10	37.87 -3.52 -1.52	27.95 -2.50 -2.57	20.79 -1.26 -3.91	17.67 -0.52 -4.94
OH_GEN_PROXY 24063	35.24 -0.89 -2.03	33.16 -0.82 -2.18	21.69 -0.34 -4.04	18.08 -0.22 -4.43	30.83 -0.74 -2.50	34.22 -0.94 -2.92	43.74 -2.29 -4.72	37.30 -1.88 -4.24	21.85 -0.65 -6.75	19.73 -0.61 -6.87	29.55 -1.25 -4.40	54.22 -2.96 0.97	46.50 -2.49 -0.08	41.82 -2.54 -0.34	33.39 -1.69 -1.88	29.39 -1.68 -2.83	27.01 -1.35 -4.23	60.22 -4.52 0.53	24.93 -1.15 -8.79	8.21 -1.62 13.44	38.34 -3.03 -1.50	28.25 -2.16 -2.52	20.95 -1.05 -3.86	17.72 -0.40 -4.88
OLIN_CORP_DRP 24177	35.05 -1.13 -2.07	32.98 -1.06 -2.23	21.58 -0.54 -4.14	18.05 -0.36 -4.53	30.56 -1.07 -2.56	33.98 -1.24 -2.99	40.94 -2.65 -2.29	37.06 -2.21 -4.34	21.88 -0.79 -6.92	19.77 -0.74 -7.04	29.41 -1.50 -4.50	51.94 -3.55 2.66	46.08 -3.00 -0.18	41.38 -2.98 -0.34	33.12 -2.00 -1.92	29.20 -1.94 -2.89	26.89 -1.57 -4.33	62.96 -5.15 -2.85	24.96 -1.32 -9.00	25.53 -1.86 -4.13	37.86 -3.54 -1.53	27.93 -2.55 -2.58	20.80 -1.29 -3.95	17.66 -0.57 -4.99
OLIN_CORP_DSASP 323712	35.04 -1.13 -2.05	33.01 -1.01 -2.21	21.66 -0.42 -4.10	18.07 -0.29 -4.49	30.66 -0.95 -2.53	34.01 -1.19 -2.96	40.90 -2.67 -2.27	36.94 -2.26 -4.27	21.69 -0.86 -6.80	19.60 -0.78 -6.92	29.30 -1.57 -4.45	51.30 -3.65 3.21	45.60 -3.09 0.21	41.32 -3.04 -0.34	33.02 -2.09 -1.90	29.10 -2.01 -2.87	26.80 -1.63 -4.31	67.17 -5.33 -7.24	24.87 -1.37 -8.96	25.43 -1.93 -4.10	37.87 -3.52 -1.52	27.95 -2.50 -2.57	20.79 -1.26 -3.91	17.67 -0.52 -4.94
ONEIDA_HERK_LFGE 323681	34.38 0.27 0.00	32.06 0.25 0.00	18.11 0.13 0.00	13.99 0.12 0.00	29.34 0.26 0.00	32.63 0.40 0.00	42.11 0.81 0.00	35.73 0.79 0.00	16.10 0.34 0.00	13.68 0.21 0.00	26.77 0.36 0.00	58.74 0.59 0.00	49.39 0.48 0.00	44.58 0.56 0.00	31.58 0.34 1.95	28.57 0.33 0.00	24.47 0.34 0.00	66.50 1.24 0.00	17.58 0.30 0.00	23.70 0.43 0.00	40.55 0.68 0.00	28.31 0.42 0.00	18.35 0.22 0.00	13.41 0.16 0.00
ONONDAGA_REF_OCCRA 23987	35.78 0.20 -1.47	33.55 0.15 -1.59	21.01 0.08 -2.94	17.18 0.08 -3.22	31.03 0.14 -1.82	34.59 0.23 -2.12	43.28 0.33 -1.64	38.06 0.34 -2.79	20.03 0.15 -4.13	17.78 0.12 -4.20	29.81 0.26 -3.13	58.76 0.61 0.00	49.58 0.56 -0.11	44.69 0.42 -0.25	34.94 0.36 -1.38	30.59 0.27 -2.08	27.48 0.26 -3.09	71.43 0.69 -5.47	23.88 0.20 -6.41	26.43 0.22 -2.94	41.29 0.33 -1.09	29.88 0.15 -1.84	21.06 0.11 -2.81	16.91 0.11 -3.55
ONONDAGA___COGEN 23986	35.61 0.13 -1.37	33.38 0.09 -1.48	20.76 0.03 -2.74	16.92 0.04 -3.00	30.83 0.07 -1.69	34.36 0.14 -1.98	43.05 0.23 -1.52	38.08 0.33 -2.81	20.32 0.17 -4.40	18.07 0.13 -4.48	29.60 0.23 -2.96	58.64 0.49 0.00	49.44 0.43 -0.10	44.59 0.34 -0.23	34.77 0.30 -1.27	30.39 0.23 -1.92	27.22 0.23 -2.87	70.90 0.53 -5.10	23.40 0.15 -5.97	26.16 0.16 -2.74	41.14 0.25 -1.02	29.69 0.09 -1.71	20.83 0.07 -2.62	16.64 0.08 -3.31
ONTARIO___LFGE 23819	36.73 0.69 -1.94	34.48 0.58 -2.08	22.19 0.34 -3.87	18.41 0.30 -4.24	32.03 0.57 -2.39	35.75 0.72 -2.79	44.35 0.91 -2.14	40.08 1.10 -4.05	22.77 0.57 -6.44	20.49 0.46 -6.56	31.50 0.89 -4.20	59.83 1.68 0.00	50.48 1.43 -0.14	45.30 0.96 -0.33	35.88 0.88 -1.80	31.58 0.63 -2.70	28.80 0.62 -4.05	73.95 1.50 -7.19	26.18 0.49 -8.42	27.64 0.52 -3.86	42.03 0.72 -1.44	30.68 0.37 -2.41	22.13 0.30 -3.69	18.21 0.30 -4.67
ORANGEVILLE_WT_PWR 323706	36.24 -0.36 -2.49	34.07 -0.42 -2.68	22.79 -0.16 -4.97	19.27 -0.04 -5.44	31.84 -0.30 -3.07	35.48 -0.34 -3.59	42.98 -1.08 -2.75	39.53 -0.63 -5.23	23.91 -0.17 -8.33	21.71 -0.23 -8.48	31.30 -0.52 -5.41	58.05 -1.31 -1.21	47.96 -1.18 -0.23	43.16 -1.28 -0.42	35.02 -0.48 -2.31	30.99 -0.73 -3.47	28.67 -0.66 -5.21	85.28 -2.09 -22.11	27.47 -0.62 -10.82	27.14 -1.09 -4.96	39.63 -2.08 -1.84	29.45 -1.54 -3.10	22.13 -0.75 -4.74	19.01 -0.23 -6.00
ORANGEVILLE___ESR 323794	36.24 -0.36 -2.49	34.07 -0.42 -2.68	22.79 -0.16 -4.97	19.27 -0.04 -5.44	31.84 -0.30 -3.07	35.48 -0.34 -3.59	42.98 -1.08 -2.75	39.53 -0.63 -5.23	23.91 -0.17 -8.33	21.71 -0.23 -8.48	31.30 -0.52 -5.41	58.05 -1.31 -1.21	47.96 -1.18 -0.23	43.16 -1.28 -0.42	35.02 -0.48 -2.31	30.99 -0.73 -3.47	28.67 -0.66 -5.21	85.28 -2.09 -22.11	27.47 -0.62 -10.82	27.14 -1.09 -4.96	39.63 -2.08 -1.84	29.45 -1.54 -3.10	22.13 -0.75 -4.74	19.01 -0.23 -6.00
OSWEGATCHIE___HYD 24044	32.81 -1.30 0.00	30.74 -1.07 0.00	17.35 -0.64 0.00	13.40 -0.48 0.00	28.12 -0.95 0.00	31.11 -1.12 0.00	40.41 -0.90 0.00	34.03 -0.90 0.00	15.23 -0.53 0.00	12.92 -0.55 0.00	25.25 -1.16 0.00	55.58 -2.57 0.00	46.60 -2.31 0.00	42.14 -1.88 0.00	15.59 -1.59 16.03	27.13 -1.11 0.00	23.23 -0.89 0.00	63.58 -1.68 0.00	16.75 -0.53 0.00	22.70 -0.56 0.00	38.90 -0.97 0.00	27.23 -0.66 0.00	17.61 -0.53 0.00	12.81 -0.43 0.00
OSWEGO___5 23606	34.67 -0.45 -1.00	32.45 -0.44 -1.08	19.74 -0.24 -2.00	15.89 -0.18 -2.20	29.91 -0.40 -1.24	33.28 -0.40 -1.45	41.90 -0.51 -1.11	36.68 -0.34 -2.09	18.93 -0.14 -3.31	16.71 -0.13 -3.37	28.32 -0.27 -2.18	57.51 -0.64 0.00	48.46 -0.52 -0.07	43.68 -0.51 -0.17	33.78 -0.36 -0.93	29.32 -0.33 -1.40	25.97 -0.26 -2.10	68.23 -0.76 -3.73	21.45 -0.19 -4.36	24.99 -0.29 -2.00	40.10 -0.52 -0.74	28.73 -0.41 -1.25	19.80 -0.25 -1.92	15.51 -0.15 -2.42
OSWEGO___6 23613	34.67 -0.45 -1.00	32.45 -0.44 -1.08	19.74 -0.24 -2.00	15.89 -0.18 -2.20	29.91 -0.40 -1.24	33.28 -0.40 -1.45	41.90 -0.51 -1.11	36.68 -0.34 -2.09	18.93 -0.14 -3.31	16.71 -0.13 -3.37	28.32 -0.27 -2.18	57.51 -0.64 0.00	48.46 -0.52 -0.07	43.68 -0.51 -0.17	33.78 -0.36 -0.93	29.32 -0.33 -1.40	25.97 -0.26 -2.10	68.23 -0.76 -3.73	21.45 -0.19 -4.36	24.99 -0.29 -2.00	40.10 -0.52 -0.74	28.73 -0.41 -1.25	19.80 -0.25 -1.92	15.51 -0.15 -2.42
OUTOKUMPU-AB___DRP 24206	35.86 -0.33 -2.08	33.74 -0.30 -2.24	22.07 -0.06 -4.15	18.42 0.00 -4.55	31.33 -0.31 -2.57	34.84 -0.40 -3.00	42.25 -1.36 -2.31	38.38 -0.94 -4.39	22.39 -0.23 -6.87	19.80 -0.25 -6.58	30.40 -0.55 -4.54	60.09 -1.37 -3.31	48.27 -1.16 -0.53	42.99 -1.39 -0.36	34.12 -1.01 -1.93	30.01 -1.13 -2.90	27.60 -0.88 -4.35	74.51 -3.17 -12.42	25.53 -0.80 -9.05	26.20 -1.22 -4.15	39.06 -2.35 -1.54	28.76 -1.72 -2.60	21.33 -0.77 -3.96	18.05 -0.20 -5.01



OXBOW____ 24026	35.50 -0.68 -2.07	33.43 -0.61 -2.22	21.90 -0.21 -4.12	18.27 -0.12 -4.52	31.04 -0.58 -2.55	34.48 -0.74 -2.98	41.65 -1.94 -2.29	37.76 -1.55 -4.37	22.21 -0.51 -6.97	20.08 -0.49 -7.11	29.88 -1.03 -4.50	62.32 -2.39 -6.56	47.86 -2.02 -0.98	42.25 -2.13 -0.36	33.64 -1.48 -1.92	29.61 -1.52 -2.89	27.24 -1.21 -4.33	71.12 -4.10 -9.96	25.24 -1.05 -9.01	25.87 -1.53 -4.13	38.55 -2.86 -1.53	28.41 -2.06 -2.58	21.09 -0.98 -3.94	17.88 -0.34 -4.98
OXY_CHEM_DSASP 323612	35.04 -1.13 -2.05	33.01 -1.01 -2.21	21.66 -0.42 -4.10	18.07 -0.29 -4.49	30.66 -0.95 -2.53	34.01 -1.19 -2.96	40.90 -2.67 -2.27	36.94 -2.26 -4.27	21.69 -0.86 -6.80	19.60 -0.78 -6.92	29.30 -1.57 -4.45	51.30 -3.65 3.21	45.60 -3.09 0.21	41.32 -3.04 -0.34	33.02 -2.09 -1.90	29.10 -2.01 -2.87	26.80 -1.63 -4.31	67.17 -5.33 -7.24	24.87 -1.37 -8.96	25.43 -1.93 -4.10	37.87 -3.52 -1.52	27.95 -2.50 -2.57	20.79 -1.26 -3.91	17.67 -0.52 -4.94
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.04 -1.13 -2.05	33.01 -1.01 -2.21	21.66 -0.42 -4.10	18.07 -0.29 -4.49	30.66 -0.95 -2.53	34.01 -1.19 -2.96	40.90 -2.67 -2.27	36.94 -2.26 -4.27	21.69 -0.86 -6.80	19.60 -0.78 -6.92	29.30 -1.57 -4.45	51.30 -3.65 3.21	45.60 -3.09 0.21	41.32 -3.04 -0.34	33.02 -2.09 -1.90	29.10 -2.01 -2.87	26.80 -1.63 -4.31	67.17 -5.33 -7.24	24.87 -1.37 -8.96	25.43 -1.93 -4.10	37.87 -3.52 -1.52	27.95 -2.50 -2.57	20.79 -1.26 -3.91	17.67 -0.52 -4.94
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.31 2.98 -13.23	48.73 2.69 -14.23	45.90 1.51 -26.41	43.95 1.15 -28.93	47.80 2.40 -16.32	54.02 2.72 -19.07	59.48 3.57 -14.61	65.78 3.20 -27.65	61.78 1.56 -44.48	60.65 1.35 -45.84	59.51 2.74 -30.36	66.12 6.12 -1.85	55.26 5.25 -1.10	51.73 4.81 -2.90	49.48 3.62 -12.66	50.21 3.00 -18.96	54.14 2.34 -27.67	120.40 6.05 -49.09	76.56 1.63 -57.65	52.20 2.10 -26.83	53.40 3.55 -9.98	47.05 2.37 -16.80	45.40 1.59 -25.67	46.87 1.18 -32.45
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.04 3.71 -13.23	49.42 3.38 -14.23	46.30 1.91 -26.41	44.33 1.53 -28.93	48.61 3.21 -16.32	54.97 3.67 -19.07	60.74 4.82 -14.61	66.71 4.12 -27.65	62.18 1.95 -44.48	60.98 1.68 -45.84	60.14 3.37 -30.36	67.51 7.51 -1.85	56.38 6.37 -1.10	52.67 5.75 -2.90	50.17 4.31 -12.66	50.83 3.62 -18.96	54.65 2.86 -27.67	121.78 7.43 -49.09	76.94 2.01 -57.65	52.68 2.57 -26.83	54.19 4.34 -9.98	47.65 2.96 -16.80	45.80 1.99 -25.67	47.18 1.48 -32.45
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.80 0.47 -2.22	34.57 0.38 -2.39	22.71 0.30 -4.43	19.00 0.28 -4.85	32.16 0.35 -2.74	35.80 0.36 -3.20	43.47 -0.29 -2.45	39.64 0.05 -4.66	23.40 0.23 -7.42	21.18 0.15 -7.55	31.53 0.30 -4.82	64.45 0.59 -5.72	49.66 0.51 -0.25	44.55 0.14 -0.39	35.62 0.36 -2.06	31.30 -0.04 -3.10	28.81 0.05 -4.64	91.57 -0.48 -26.79	26.81 -0.12 -9.65	27.38 -0.31 -4.42	40.68 -0.83 -1.64	29.98 -0.68 -2.77	22.22 -0.14 -4.23	18.81 0.22 -5.35
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.20 2.79 -13.30	48.64 2.53 -14.30	45.96 1.42 -26.56	44.05 1.08 -29.09	47.74 2.26 -16.41	54.00 2.60 -19.17	59.39 3.40 -14.70	65.86 3.12 -27.80	61.91 1.49 -44.67	60.73 1.29 -45.98	59.35 2.59 -30.35	65.57 5.75 -1.66	54.90 4.90 -1.09	51.30 4.44 -2.84	49.26 3.38 -12.69	50.05 2.79 -19.01	54.26 2.31 -27.82	120.86 6.23 -49.36	76.95 1.67 -58.00	52.46 2.12 -27.07	53.42 3.49 -10.06	47.19 2.35 -16.94	45.56 1.52 -25.90	47.10 1.12 -32.73
PEEKSKILL____ 23653	49.63 2.53 -12.99	48.07 2.28 -13.97	45.20 1.28 -25.94	43.26 0.98 -28.41	47.15 2.04 -16.03	53.29 2.33 -18.72	58.69 3.03 -14.35	64.87 2.78 -27.15	60.77 1.34 -43.68	59.62 1.15 -45.01	58.55 2.34 -29.80	65.17 5.22 -1.80	54.39 4.40 -1.08	50.88 4.01 -2.84	48.69 3.06 -12.43	49.40 2.54 -18.62	53.38 2.08 -27.18	119.07 5.59 -48.21	75.40 1.49 -56.62	51.52 1.88 -26.37	52.75 3.08 -9.80	46.47 2.08 -16.50	44.71 1.36 -25.22	46.14 1.02 -31.88
PGE MADISON____WINDPWR 24146	40.64 2.50 -4.03	38.43 2.29 -4.34	27.21 1.18 -8.05	23.61 0.93 -8.82	36.10 2.05 -4.97	40.61 2.56 -5.81	49.38 3.62 -4.45	46.80 3.36 -8.51	30.91 1.55 -13.62	28.57 1.24 -13.86	37.44 2.25 -8.77	63.01 4.86 0.00	53.34 4.15 -0.29	47.72 3.02 -0.68	39.23 2.30 -3.74	35.97 2.10 -5.63	34.41 1.86 -8.43	86.72 5.49 -15.96	36.30 1.50 -17.52	33.15 1.85 -8.03	45.73 2.88 -2.99	34.65 1.74 -5.03	27.09 1.27 -7.68	23.99 1.04 -9.71
PIERCEFIELD____HYD 23852	32.34 -1.78 0.00	30.43 -1.38 0.00	17.19 -0.79 0.00	13.24 -0.63 0.00	27.80 -1.27 0.00	30.56 -1.68 0.00	39.71 -1.60 0.00	33.17 -1.76 0.00	14.81 -0.94 0.00	12.64 -0.83 0.00	24.74 -1.67 0.00	54.76 -3.39 0.00	45.66 -3.25 0.00	41.18 -2.84 0.00	6.65 -2.39 24.16	26.57 -1.68 0.00	22.65 -1.47 0.00	62.37 -2.90 0.00	16.41 -0.86 0.00	22.27 -1.00 0.00	38.18 -1.69 0.00	26.80 -1.09 0.00	17.35 -0.79 0.00	12.56 -0.68 0.00
PINELAWN_CC_1 323563	51.12 3.76 -13.24	49.22 3.16 -14.25	46.25 1.82 -26.44	44.27 1.43 -28.97	48.24 2.83 -16.34	54.59 3.27 -19.09	60.19 4.25 -14.63	66.40 3.78 -27.69	62.14 1.85 -44.53	60.95 1.59 -45.90	63.95 3.43 -34.11	67.47 7.46 -1.86	56.42 6.41 -1.11	52.60 5.68 -2.90	50.05 4.17 -12.68	50.71 3.48 -18.99	54.58 2.75 -27.71	121.60 7.18 -49.15	77.01 2.00 -57.73	52.72 2.58 -26.88	53.92 4.06 -9.99	47.72 3.01 -16.82	45.76 1.92 -25.71	47.22 1.48 -32.50
PJM_GEN_HTP_PROXY 323702	50.09 2.76 -13.21	48.53 2.50 -14.21	45.76 1.40 -26.38	43.83 1.06 -28.90	47.60 2.23 -16.30	53.81 2.53 -19.04	59.16 3.26 -14.60	65.56 3.00 -27.62	61.65 1.47 -44.43	60.53 1.28 -45.78	59.33 2.60 -30.32	65.83 5.82 -1.85	54.93 4.93 -1.10	51.39 4.48 -2.90	49.26 3.41 -12.64	50.00 2.81 -18.94	54.04 2.28 -27.64	120.34 6.04 -49.03	76.47 1.61 -57.58	52.12 2.05 -26.80	50.73 3.36 -7.49	46.97 2.30 -16.77	45.28 1.50 -25.64	46.77 1.12 -32.41
PJM_GEN_KEystone 24065	42.44 1.07 -7.25	40.56 0.94 -7.80	33.05 0.58 -14.49	30.20 0.46 -15.87	38.88 0.86 -8.95	43.66 0.96 -10.46	50.22 0.90 -8.02	51.10 0.99 -15.17	40.70 0.57 -24.37	39.00 0.47 -25.06	43.88 0.98 -16.50	61.55 2.18 -1.22	51.32 1.83 -0.59	47.04 1.50 -1.53	41.38 1.28 -6.91	39.60 0.91 -10.44	41.21 0.88 -16.20	97.39 2.14 -29.98	51.62 0.58 -33.76	39.65 0.65 -15.73	44.17 0.92 -3.38	38.29 0.56 -9.85	33.68 0.49 -15.05	32.78 0.51 -19.02
PJM_GEN_NEPTUNE_PROXY 323594	50.57 3.21 -13.24	48.77 2.71 -14.25	45.98 1.55 -26.44	44.05 1.21 -28.97	47.84 2.43 -16.34	54.13 2.81 -19.09	59.59 3.65 -14.63	65.87 3.25 -27.69	61.88 1.59 -44.53	60.74 1.38 -45.90	63.70 2.97 -34.32	66.53 6.52 -1.86	55.60 5.59 -1.11	51.90 4.97 -2.90	49.57 3.69 -12.68	50.30 3.07 -18.99	54.24 2.41 -27.71	120.67 6.25 -49.15	76.74 1.74 -57.73	52.38 2.23 -26.88	50.90 3.51 -7.52	47.29 2.58 -16.82	45.49 1.64 -25.71	47.00 1.26 -32.50
PJM_GEN_VFT_PROXY 323633	50.02 2.69 -13.22	48.46 2.43 -14.22	45.73 1.36 -26.39	43.80 1.02 -28.91	47.53 2.15 -16.31	53.74 2.45 -19.05	59.05 3.15 -14.60	65.48 2.91 -27.63	61.63 1.44 -44.45	60.51 1.24 -45.80	59.27 2.52 -30.34	65.63 5.63 -1.85	54.77 4.77 -1.10	51.26 4.35 -2.90	49.16 3.31 -12.65	49.94 2.75 -18.95	53.99 2.22 -27.65	120.19 5.86 -49.06	76.47 1.58 -57.61	52.10 2.02 -26.82	50.66 3.29 -7.50	46.92 2.25 -16.78	45.25 1.46 -25.65	46.77 1.09 -32.42



PLEASANTVLY___LBMP 24000	50.16 2.31 -13.74	48.68 2.09 -14.78	46.59 1.18 -27.44	44.82 0.89 -30.06	47.89 1.86 -16.96	54.15 2.11 -19.81	59.19 2.70 -15.18	66.15 2.49 -28.72	63.17 1.19 -46.22	62.16 1.04 -47.66	60.11 2.10 -31.60	64.84 4.69 -2.00	54.03 3.98 -1.15	50.68 3.62 -3.04	49.12 2.75 -13.17	50.24 2.28 -19.72	54.75 1.88 -28.75	121.26 5.00 -51.00	78.46 1.33 -59.84	52.68 1.69 -27.72	52.96 2.78 -10.31	47.13 1.89 -17.35	45.88 1.23 -26.52	47.68 0.91 -33.52
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.10 2.70 -13.29	48.54 2.44 -14.29	45.88 1.37 -26.53	43.98 1.04 -29.06	47.65 2.18 -16.40	53.87 2.48 -19.15	59.19 3.21 -14.68	65.65 2.94 -27.78	61.85 1.42 -44.68	60.74 1.23 -46.05	59.41 2.50 -30.50	65.58 5.57 -1.86	54.75 4.73 -1.11	51.24 4.31 -2.91	49.19 3.27 -12.72	50.00 2.71 -19.05	54.14 2.22 -27.80	120.43 5.85 -49.31	76.77 1.57 -57.92	52.24 1.99 -26.98	53.17 3.27 -10.03	47.00 2.22 -16.89	45.39 1.45 -25.81	46.95 1.08 -32.62
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.17 2.54 -13.53	48.66 2.30 -14.55	46.29 1.30 -27.01	44.45 0.99 -29.59	47.82 2.05 -16.70	54.09 2.35 -19.50	59.31 3.06 -14.95	66.02 2.81 -28.28	62.23 1.34 -45.14	60.73 1.15 -46.12	58.55 2.30 -29.84	63.82 5.12 -0.54	54.29 4.37 -1.02	50.43 3.94 -2.47	48.83 2.97 -12.66	49.74 2.46 -19.03	54.48 2.06 -28.30	121.07 5.59 -50.22	77.78 1.50 -59.01	52.72 1.90 -27.55	53.23 3.12 -10.24	47.25 2.12 -17.25	45.85 1.36 -26.36	47.56 1.00 -33.31
POLETTI____ 23519	50.14 2.82 -13.22	48.57 2.53 -14.22	45.79 1.42 -26.39	43.85 1.07 -28.91	47.63 2.24 -16.31	53.84 2.56 -19.05	59.21 3.30 -14.60	65.59 3.03 -27.63	61.69 1.49 -44.45	60.56 1.29 -45.80	59.37 2.62 -30.34	65.88 5.87 -1.85	54.99 4.98 -1.10	51.46 4.54 -2.90	49.30 3.45 -12.65	50.04 2.84 -18.95	54.07 2.30 -27.65	120.39 6.07 -49.06	76.51 1.62 -57.61	52.14 2.06 -26.82	53.24 3.40 -9.97	46.98 2.31 -16.78	45.30 1.52 -25.65	46.80 1.13 -32.42
PORT_JEFF_3 23555	51.28 3.92 -13.24	49.36 3.31 -14.25	46.35 1.93 -26.44	44.35 1.51 -28.97	48.36 2.94 -16.34	54.74 3.42 -19.09	60.38 4.44 -14.63	66.51 3.89 -27.69	62.18 1.90 -44.53	60.98 1.62 -45.90	64.23 3.61 -34.22	67.84 7.83 -1.86	56.78 6.77 -1.11	52.82 5.89 -2.90	50.13 4.25 -12.68	50.80 3.57 -18.99	54.57 2.74 -27.71	121.54 7.12 -49.15	76.99 1.99 -57.73	52.72 2.57 -26.88	53.88 4.02 -9.99	47.76 3.05 -16.82	45.82 1.98 -25.71	47.28 1.54 -32.50
PORT_JEFF_4 23616	51.28 3.92 -13.24	49.36 3.31 -14.25	46.35 1.93 -26.44	44.35 1.51 -28.97	48.36 2.94 -16.34	54.74 3.42 -19.09	60.38 4.44 -14.63	66.51 3.89 -27.69	62.18 1.90 -44.53	60.98 1.62 -45.90	64.23 3.61 -34.22	67.84 7.83 -1.86	56.78 6.77 -1.11	52.82 5.89 -2.90	50.13 4.25 -12.68	50.80 3.57 -18.99	54.57 2.74 -27.71	121.54 7.12 -49.15	76.99 1.99 -57.73	52.72 2.57 -26.88	53.88 4.02 -9.99	47.76 3.05 -16.82	45.82 1.98 -25.71	47.28 1.54 -32.50
PORT_JEFF_IC 23713	51.33 3.98 -13.24	49.40 3.35 -14.25	46.37 1.95 -26.44	44.37 1.53 -28.97	48.39 2.98 -16.34	54.79 3.47 -19.09	60.46 4.52 -14.63	66.59 3.97 -27.69	62.23 1.94 -44.53	61.02 1.65 -45.90	64.27 3.65 -34.21	67.93 7.92 -1.86	56.86 6.85 -1.11	52.91 5.98 -2.90	50.18 4.31 -12.68	50.84 3.61 -18.99	54.62 2.79 -27.71	121.75 7.33 -49.15	77.06 2.05 -57.73	52.79 2.65 -26.88	54.00 4.14 -9.99	47.84 3.13 -16.82	45.86 2.01 -25.71	47.30 1.56 -32.50
PPL PILGRIM_ST_GT1 24216	51.41 4.05 -13.24	49.47 3.41 -14.25	46.38 1.96 -26.44	44.38 1.55 -28.97	48.46 3.04 -16.34	54.83 3.51 -19.09	60.51 4.57 -14.63	66.65 4.03 -27.69	62.25 1.97 -44.53	61.06 1.70 -45.90	64.30 3.68 -34.20	67.99 7.98 -1.86	56.86 6.86 -1.11	52.95 6.03 -2.90	50.29 4.41 -12.68	50.93 3.70 -18.99	54.76 2.93 -27.71	122.12 7.70 -49.15	77.14 2.14 -57.73	52.89 2.75 -26.88	54.21 4.35 -9.99	47.93 3.22 -16.82	45.89 2.04 -25.71	47.32 1.57 -32.50
PPL PILGRIM_ST_GT2 24217	51.41 4.05 -13.24	49.47 3.41 -14.25	46.38 1.96 -26.44	44.38 1.55 -28.97	48.46 3.04 -16.34	54.83 3.51 -19.09	60.51 4.57 -14.63	66.65 4.03 -27.69	62.25 1.97 -44.53	61.06 1.70 -45.90	64.30 3.68 -34.20	67.99 7.98 -1.86	56.86 6.86 -1.11	52.95 6.03 -2.90	50.29 4.41 -12.68	50.93 3.70 -18.99	54.76 2.93 -27.71	122.12 7.70 -49.15	77.14 2.14 -57.73	52.89 2.75 -26.88	54.21 4.35 -9.99	47.93 3.22 -16.82	45.89 2.04 -25.71	47.32 1.57 -32.50
PPL_SHRM_GT3 24213	51.46 4.11 -13.24	49.51 3.46 -14.25	46.43 2.01 -26.44	44.43 1.59 -28.97	48.50 3.08 -16.34	54.92 3.59 -19.09	60.64 4.70 -14.63	66.78 4.16 -27.69	62.21 1.93 -44.53	60.98 1.62 -45.90	64.43 3.80 -34.22	68.19 8.17 -1.86	57.08 7.08 -1.11	52.80 5.87 -2.90	49.84 3.96 -12.68	50.81 3.58 -18.99	54.66 2.83 -27.71	122.25 7.83 -49.15	77.20 2.19 -57.73	52.99 2.84 -26.88	54.31 4.45 -9.99	48.04 3.32 -16.82	45.96 2.12 -25.71	47.36 1.62 -32.50
PPL_SHRM_GT4 24214	51.46 4.11 -13.24	49.51 3.46 -14.25	46.43 2.01 -26.44	44.43 1.59 -28.97	48.50 3.08 -16.34	54.92 3.59 -19.09	60.64 4.70 -14.63	66.78 4.16 -27.69	62.21 1.93 -44.53	60.98 1.62 -45.90	64.43 3.80 -34.22	68.19 8.17 -1.86	57.08 7.08 -1.11	52.80 5.87 -2.90	49.84 3.96 -12.68	50.81 3.58 -18.99	54.66 2.83 -27.71	122.25 7.83 -49.15	77.20 2.19 -57.73	52.99 2.84 -26.88	54.31 4.45 -9.99	48.04 3.32 -16.82	45.96 2.12 -25.71	47.36 1.62 -32.50
PROJECT___ORANGE 1 24174	35.32 0.01 -1.20	33.07 -0.03 -1.29	20.36 -0.01 -2.39	16.50 0.01 -2.62	30.54 -0.01 -1.48	34.01 0.05 -1.73	42.73 0.14 -1.29	37.59 0.29 -2.36	19.61 0.16 -3.70	17.36 0.12 -3.77	29.13 0.23 -2.49	58.60 0.45 0.00	49.41 0.43 -0.08	44.53 0.31 -0.19	34.54 0.27 -1.07	30.06 0.20 -1.61	26.78 0.16 -2.49	69.98 0.27 -4.45	22.57 0.08 -5.21	25.73 0.07 -2.39	40.82 0.06 -0.89	29.36 -0.02 -1.50	20.42 0.00 -2.28	16.17 0.04 -2.89
PROJECT___ORANGE 2 24166	35.32 0.01 -1.20	33.07 -0.03 -1.29	20.36 -0.01 -2.39	16.50 0.01 -2.62	30.54 -0.01 -1.48	34.01 0.05 -1.73	42.73 0.14 -1.29	37.59 0.29 -2.36	19.61 0.16 -3.70	17.36 0.12 -3.77	29.13 0.23 -2.49	58.60 0.45 0.00	49.41 0.43 -0.08	44.53 0.31 -0.19	34.54 0.27 -1.07	30.06 0.20 -1.61	26.78 0.16 -2.49	69.98 0.27 -4.45	22.57 0.08 -5.21	25.73 0.07 -2.39	40.82 0.06 -0.89	29.36 -0.02 -1.50	20.42 0.00 -2.28	16.17 0.04 -2.89
PYRITES___HYD 24023	32.88 -1.23 0.00	30.94 -0.87 0.00	17.48 -0.51 0.00	13.46 -0.41 0.00	28.27 -0.80 0.00	31.10 -1.14 0.00	40.42 -0.88 0.00	33.76 -1.17 0.00	15.07 -0.68 0.00	12.86 -0.60 0.00	25.19 -1.22 0.00	55.78 -2.38 0.00	46.47 -2.43 0.00	41.89 -2.13 0.00	6.53 -1.84 24.83	27.01 -1.23 0.00	23.06 -1.06 0.00	63.48 -1.78 0.00	16.72 -0.56 0.00	22.68 -0.59 0.00	38.87 -1.01 0.00	27.28 -0.61 0.00	17.67 -0.47 0.00	12.78 -0.46 0.00
RAMAPO___LBMP 323565	48.62 2.33 -12.18	47.01 2.10 -13.11	43.49 1.18 -24.33	41.43 0.91 -26.65	46.00 1.89 -15.03	51.97 2.17 -17.56	57.61 2.85 -13.46	63.01 2.61 -25.47	57.94 1.24 -40.94	56.68 1.05 -42.16	56.41 2.14 -27.87	64.49 4.75 -1.60	53.88 3.97 -1.01	50.30 3.65 -2.63	47.64 2.80 -11.64	48.02 2.34 -17.43	51.53 1.92 -25.49	115.68 5.19 -45.22	71.82 1.39 -53.15	49.84 1.73 -24.85	51.89 2.78 -9.24	45.32 1.87 -15.55	43.12 1.22 -23.77	44.21 0.92 -30.05



RANKINE____ 23646	36.25 -0.05 -2.19	34.09 -0.08 -2.36	22.41 0.06 -4.37	18.76 0.10 -4.79	31.73 -0.05 -2.70	35.28 -0.11 -3.16	42.69 -1.04 -2.42	38.85 -0.68 -4.60	22.80 -0.12 -7.16	20.08 -0.14 -6.76	30.85 -0.33 -4.76	59.92 -0.86 -2.63	48.43 -0.74 -0.27	43.42 -0.98 -0.37	34.78 -0.45 -2.03	30.59 -0.71 -3.06	28.18 -0.53 -4.58	85.60 -2.12 -22.45	26.25 -0.55 -9.52	26.75 -0.88 -4.36	39.70 -1.79 -1.62	29.29 -1.33 -2.73	21.78 -0.53 -4.17	18.48 -0.04 -5.28
RAVENSWOOD_GT2_1 24244	50.20 2.86 -13.23	48.61 2.58 -14.23	45.83 1.44 -26.41	43.89 1.09 -28.93	47.68 2.28 -16.32	53.90 2.60 -19.07	59.28 3.36 -14.61	65.66 3.08 -27.65	61.74 1.51 -44.48	60.61 1.31 -45.84	59.43 2.66 -30.36	65.93 5.93 -1.85	55.04 5.03 -1.10	51.50 4.58 -2.90	49.33 3.47 -12.66	50.08 2.87 -18.96	54.12 2.32 -27.67	120.49 6.13 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.28 3.43 -9.98	47.02 2.34 -16.80	45.34 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD_GT2_2 24245	50.20 2.86 -13.23	48.61 2.58 -14.23	45.83 1.44 -26.41	43.89 1.09 -28.93	47.68 2.28 -16.32	53.90 2.60 -19.07	59.28 3.36 -14.61	65.66 3.08 -27.65	61.74 1.51 -44.48	60.61 1.31 -45.84	59.43 2.66 -30.36	65.93 5.93 -1.85	55.04 5.03 -1.10	51.50 4.58 -2.90	49.33 3.47 -12.66	50.08 2.87 -18.96	54.12 2.32 -27.67	120.49 6.13 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.28 3.43 -9.98	47.02 2.34 -16.80	45.34 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD_GT2_3 24246	50.21 2.87 -13.23	48.63 2.59 -14.23	45.84 1.45 -26.41	43.89 1.10 -28.93	47.70 2.30 -16.32	53.91 2.61 -19.07	59.29 3.37 -14.61	65.67 3.09 -27.65	61.74 1.51 -44.48	60.62 1.32 -45.84	59.44 2.67 -30.36	65.96 5.96 -1.85	55.06 5.06 -1.10	51.52 4.60 -2.90	49.35 3.49 -12.66	50.10 2.90 -18.96	54.13 2.34 -27.67	120.53 6.18 -49.09	76.58 1.65 -57.65	52.21 2.11 -26.83	53.31 3.46 -9.98	47.04 2.36 -16.80	45.35 1.54 -25.67	46.84 1.15 -32.45
RAVENSWOOD_GT2_4 24247	50.21 2.87 -13.23	48.63 2.59 -14.23	45.84 1.45 -26.41	43.89 1.10 -28.93	47.70 2.30 -16.32	53.91 2.61 -19.07	59.29 3.37 -14.61	65.67 3.09 -27.65	61.74 1.51 -44.48	60.62 1.32 -45.84	59.44 2.67 -30.36	65.96 5.96 -1.85	55.06 5.06 -1.10	51.52 4.60 -2.90	49.35 3.49 -12.66	50.10 2.90 -18.96	54.13 2.34 -27.67	120.53 6.18 -49.09	76.58 1.65 -57.65	52.21 2.11 -26.83	53.31 3.46 -9.98	47.04 2.36 -16.80	45.35 1.54 -25.67	46.84 1.15 -32.45
RAVENSWOOD_GT3_1 24248	50.20 2.86 -13.23	48.62 2.58 -14.23	45.84 1.45 -26.41	43.89 1.09 -28.93	47.68 2.28 -16.32	53.91 2.60 -19.07	59.28 3.36 -14.61	65.66 3.08 -27.65	61.74 1.51 -44.48	60.61 1.31 -45.84	59.43 2.66 -30.36	65.93 5.93 -1.85	55.04 5.04 -1.10	51.50 4.58 -2.90	49.33 3.47 -12.66	50.08 2.87 -18.96	54.12 2.33 -27.67	120.49 6.13 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.28 3.43 -9.98	47.02 2.34 -16.80	45.34 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD_GT3_2 24249	50.20 2.86 -13.23	48.62 2.58 -14.23	45.84 1.45 -26.41	43.89 1.09 -28.93	47.68 2.28 -16.32	53.91 2.60 -19.07	59.28 3.36 -14.61	65.66 3.08 -27.65	61.74 1.51 -44.48	60.61 1.31 -45.84	59.43 2.66 -30.36	65.93 5.93 -1.85	55.04 5.04 -1.10	51.50 4.58 -2.90	49.33 3.47 -12.66	50.08 2.87 -18.96	54.12 2.33 -27.67	120.49 6.13 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.28 3.43 -9.98	47.02 2.34 -16.80	45.34 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD_GT3_3 24250	50.24 2.91 -13.23	48.66 2.62 -14.23	45.86 1.47 -26.41	43.91 1.11 -28.93	47.72 2.32 -16.32	53.95 2.64 -19.07	59.33 3.41 -14.61	65.71 3.13 -27.65	61.76 1.54 -44.48	60.64 1.34 -45.84	59.48 2.71 -30.36	66.04 6.03 -1.85	55.13 5.12 -1.10	51.57 4.65 -2.90	49.40 3.54 -12.66	50.13 2.92 -18.96	54.16 2.37 -27.67	120.60 6.25 -49.09	76.60 1.67 -57.65	52.23 2.13 -26.83	53.35 3.50 -9.98	47.08 2.39 -16.80	45.37 1.56 -25.67	46.86 1.16 -32.45
RAVENSWOOD_GT3_4 24251	50.24 2.91 -13.23	48.66 2.62 -14.23	45.86 1.47 -26.41	43.91 1.11 -28.93	47.72 2.32 -16.32	53.95 2.64 -19.07	59.33 3.41 -14.61	65.71 3.13 -27.65	61.76 1.54 -44.48	60.64 1.34 -45.84	59.48 2.71 -30.36	66.04 6.03 -1.85	55.13 5.12 -1.10	51.57 4.65 -2.90	49.40 3.54 -12.66	50.13 2.92 -18.96	54.16 2.37 -27.67	120.60 6.25 -49.09	76.60 1.67 -57.65	52.23 2.13 -26.83	53.35 3.50 -9.98	47.08 2.39 -16.80	45.37 1.56 -25.67	46.86 1.16 -32.45
RAVENSWOOD_GT_1 23729	50.31 2.97 -13.23	48.72 2.69 -14.23	45.90 1.51 -26.41	43.94 1.14 -28.93	47.78 2.39 -16.32	54.00 2.70 -19.07	59.39 3.47 -14.61	65.75 3.17 -27.65	61.78 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.23 5.23 -1.10	51.66 4.74 -2.90	49.45 3.59 -12.66	50.19 2.98 -18.96	54.19 2.39 -27.67	120.60 6.25 -49.09	76.61 1.68 -57.65	52.23 2.13 -26.83	53.38 3.53 -9.98	47.08 2.40 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
RAVENSWOOD_GT_10 24258	50.19 2.85 -13.23	48.61 2.57 -14.23	45.83 1.44 -26.41	43.89 1.09 -28.93	47.68 2.28 -16.32	53.90 2.59 -19.07	59.27 3.35 -14.61	65.65 3.07 -27.65	61.73 1.50 -44.48	60.61 1.31 -45.84	59.42 2.65 -30.36	65.93 5.93 -1.85	55.03 5.02 -1.10	51.49 4.57 -2.90	49.33 3.47 -12.66	50.08 2.87 -18.96	54.12 2.32 -27.67	120.49 6.13 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.28 3.43 -9.98	47.02 2.34 -16.80	45.33 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD_GT_11 24259	50.19 2.85 -13.23	48.61 2.57 -14.23	45.83 1.44 -26.41	43.89 1.09 -28.93	47.68 2.28 -16.32	53.90 2.59 -19.07	59.27 3.35 -14.61	65.65 3.07 -27.65	61.73 1.50 -44.48	60.61 1.31 -45.84	59.42 2.65 -30.36	65.93 5.93 -1.85	55.03 5.02 -1.10	51.49 4.57 -2.90	49.33 3.47 -12.66	50.08 2.87 -18.96	54.12 2.32 -27.67	120.49 6.13 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.28 3.43 -9.98	47.02 2.34 -16.80	45.33 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD_GT_4 24252	50.16 2.83 -13.23	48.59 2.55 -14.23	45.82 1.43 -26.41	43.88 1.08 -28.93	47.66 2.26 -16.32	53.88 2.58 -19.07	59.25 3.33 -14.61	65.63 3.05 -27.65	61.72 1.50 -44.48	60.60 1.30 -45.84	59.41 2.64 -30.36	65.89 5.89 -1.85	55.00 4.99 -1.10	51.46 4.54 -2.90	49.31 3.45 -12.66	50.05 2.85 -18.96	54.10 2.31 -27.67	120.47 6.11 -49.09	76.56 1.63 -57.65	52.19 2.08 -26.83	53.28 3.43 -9.98	47.02 2.33 -16.80	45.33 1.52 -25.67	46.83 1.13 -32.45
RAVENSWOOD_GT_5 24254	50.16 2.83 -13.23	48.59 2.55 -14.23	45.82 1.43 -26.41	43.88 1.08 -28.93	47.66 2.26 -16.32	53.88 2.58 -19.07	59.25 3.33 -14.61	65.63 3.05 -27.65	61.72 1.50 -44.48	60.60 1.30 -45.84	59.41 2.64 -30.36	65.89 5.89 -1.85	55.00 4.99 -1.10	51.46 4.54 -2.90	49.31 3.45 -12.66	50.05 2.85 -18.96	54.10 2.31 -27.67	120.47 6.11 -49.09	76.56 1.63 -57.65	52.19 2.08 -26.83	53.28 3.43 -9.98	47.02 2.33 -16.80	45.33 1.52 -25.67	46.83 1.13 -32.45
RAVENSWOOD_GT_6 24253	50.16 2.83 -13.23	48.59 2.55 -14.23	45.82 1.43 -26.41	43.88 1.08 -28.93	47.66 2.26 -16.32	53.88 2.58 -19.07	59.25 3.33 -14.61	65.63 3.05 -27.65	61.72 1.50 -44.48	60.60 1.30 -45.84	59.41 2.64 -30.36	65.89 5.89 -1.85	55.00 4.99 -1.10	51.46 4.54 -2.90	49.31 3.45 -12.66	50.05 2.85 -18.96	54.10 2.31 -27.67	120.47 6.11 -49.09	76.56 1.63 -57.65	52.19 2.08 -26.83	53.28 3.43 -9.98	47.02 2.33 -16.80	45.33 1.52 -25.67	46.83 1.13 -32.45



RAVENSWOOD_GT_7 24255	50.16 2.83 -13.23	48.59 2.55 -14.23	45.82 1.43 -26.41	43.88 1.08 -28.93	47.66 2.26 -16.32	53.88 2.58 -19.07	59.25 3.33 -14.61	65.63 3.05 -27.65	61.72 1.50 -44.48	60.60 1.30 -45.84	59.41 2.64 -30.36	65.89 5.89 -1.85	55.00 4.99 -1.10	51.46 4.54 -2.90	49.31 3.45 -12.66	50.05 2.85 -18.96	54.10 2.31 -27.67	120.47 6.11 -49.09	76.56 1.63 -57.65	52.19 2.08 -26.83	53.28 3.43 -9.98	47.02 2.33 -16.80	45.33 1.52 -25.67	46.83 1.13 -32.45
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.19 2.85 -13.23	48.61 2.57 -14.23	45.83 1.44 -26.41	43.89 1.09 -28.93	47.68 2.28 -16.32	53.90 2.59 -19.07	59.27 3.35 -14.61	65.65 3.07 -27.65	61.73 1.50 -44.48	60.61 1.31 -45.84	59.42 2.65 -30.36	65.93 5.93 -1.85	55.03 5.02 -1.10	51.49 4.57 -2.90	49.33 3.47 -12.66	50.08 2.87 -18.96	54.12 2.32 -27.67	120.49 6.13 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.28 3.43 -9.98	47.02 2.34 -16.80	45.33 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD_GT_9 24257	50.19 2.85 -13.23	48.61 2.57 -14.23	45.83 1.44 -26.41	43.89 1.09 -28.93	47.68 2.28 -16.32	53.90 2.59 -19.07	59.27 3.35 -14.61	65.65 3.07 -27.65	61.73 1.50 -44.48	60.61 1.31 -45.84	59.42 2.65 -30.36	65.93 5.93 -1.85	55.03 5.02 -1.10	51.49 4.57 -2.90	49.33 3.47 -12.66	50.08 2.87 -18.96	54.12 2.32 -27.67	120.49 6.13 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.28 3.43 -9.98	47.02 2.34 -16.80	45.33 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD___1 23533	50.31 2.97 -13.23	48.72 2.69 -14.23	45.90 1.51 -26.41	43.94 1.14 -28.93	47.78 2.39 -16.32	54.00 2.70 -19.07	59.39 3.47 -14.61	65.75 3.17 -27.65	61.78 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.23 5.23 -1.10	51.66 4.74 -2.90	49.45 3.59 -12.66	50.19 2.98 -18.96	54.19 2.39 -27.67	120.60 6.25 -49.09	76.61 1.68 -57.65	52.23 2.13 -26.83	53.38 3.53 -9.98	47.08 2.40 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
RAVENSWOOD___2 23534	50.31 2.97 -13.23	48.72 2.69 -14.23	45.90 1.51 -26.41	43.94 1.14 -28.93	47.78 2.39 -16.32	54.00 2.70 -19.07	59.39 3.47 -14.61	65.75 3.17 -27.65	61.78 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.23 5.23 -1.10	51.66 4.74 -2.90	49.45 3.59 -12.66	50.19 2.98 -18.96	54.19 2.39 -27.67	120.60 6.25 -49.09	76.61 1.68 -57.65	52.23 2.13 -26.83	53.38 3.53 -9.98	47.08 2.40 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
RAVENSWOOD___3 23535	50.20 2.86 -13.23	48.62 2.58 -14.23	45.84 1.45 -26.41	43.89 1.09 -28.93	47.68 2.29 -16.32	53.91 2.60 -19.07	59.28 3.36 -14.61	65.66 3.08 -27.65	61.74 1.51 -44.48	60.61 1.31 -45.84	59.43 2.66 -30.36	65.93 5.93 -1.85	55.04 5.04 -1.10	51.50 4.58 -2.90	49.34 3.47 -12.66	50.08 2.87 -18.96	54.12 2.33 -27.67	120.50 6.15 -49.09	76.57 1.64 -57.65	52.19 2.09 -26.83	53.29 3.44 -9.98	47.02 2.34 -16.80	45.34 1.53 -25.67	46.83 1.14 -32.45
RAVENSWOOD___4 23820	50.31 2.97 -13.23	48.72 2.69 -14.23	45.90 1.51 -26.41	43.94 1.14 -28.93	47.78 2.39 -16.32	54.00 2.70 -19.07	59.39 3.47 -14.61	65.75 3.17 -27.65	61.78 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.23 5.23 -1.10	51.66 4.74 -2.90	49.45 3.59 -12.66	50.19 2.98 -18.96	54.19 2.39 -27.67	120.60 6.25 -49.09	76.61 1.68 -57.65	52.23 2.13 -26.83	53.38 3.53 -9.98	47.08 2.40 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
RCPL_TRUST___DRP 24196	50.14 2.82 -13.21	48.56 2.54 -14.21	45.78 1.42 -26.38	43.85 1.08 -28.90	47.64 2.27 -16.30	53.85 2.57 -19.04	59.22 3.32 -14.60	65.60 3.05 -27.62	61.67 1.50 -44.43	60.54 1.30 -45.78	59.37 2.64 -30.32	65.91 5.91 -1.85	55.01 5.00 -1.10	51.47 4.55 -2.90	49.32 3.47 -12.64	50.05 2.87 -18.94	54.09 2.32 -27.64	120.47 6.17 -49.03	76.50 1.64 -57.58	52.15 2.08 -26.80	53.26 3.42 -9.96	47.00 2.34 -16.77	45.30 1.52 -25.64	46.79 1.14 -32.41
RED___ROCHESTER 323720	36.09 0.42 -1.56	33.84 0.35 -1.68	21.35 0.24 -3.12	17.50 0.21 -3.42	31.35 0.35 -1.93	34.92 0.43 -2.25	43.26 0.23 -1.73	38.54 0.34 -3.27	21.23 0.28 -5.20	18.96 0.20 -5.30	30.19 0.38 -3.40	58.84 0.69 0.00	49.54 0.52 -0.11	44.46 0.18 -0.26	35.00 0.35 -1.45	30.63 0.20 -2.18	27.63 0.24 -3.26	70.54 0.35 -4.92	24.19 0.13 -6.78	26.48 0.10 -3.11	41.01 -0.02 -1.16	29.71 -0.13 -1.95	21.14 0.03 -2.97	17.17 0.17 -3.76
RENSSELAER___COGEN 23796	53.48 1.39 -17.98	52.44 1.29 -19.34	54.57 0.69 -35.90	53.73 0.53 -39.32	52.42 1.15 -22.19	59.46 1.31 -25.92	62.83 1.66 -19.87	73.94 1.42 -37.58	75.75 0.64 -59.36	73.99 0.56 -59.96	65.10 1.11 -37.58	58.98 2.43 1.60	52.21 2.13 -1.17	48.39 1.93 -2.44	50.99 1.47 -16.31	54.15 1.25 -24.66	62.80 1.06 -37.62	134.81 2.80 -66.74	96.13 0.75 -78.10	59.95 1.02 -35.66	54.86 1.73 -13.26	51.35 1.14 -22.32	52.96 0.71 -34.12	56.90 0.53 -43.12
REVERE_CPPR_DRP 24186	35.38 0.86 -0.41	33.02 0.77 -0.44	19.23 0.43 -0.82	15.12 0.36 -0.90	30.33 0.76 -0.50	33.81 0.99 -0.59	43.36 1.61 -0.44	37.32 1.53 -0.86	17.84 0.70 -1.39	15.38 0.50 -1.41	28.23 0.94 -0.88	59.92 1.77 0.00	50.43 1.49 -0.03	45.57 1.48 -0.07	33.60 0.95 0.55	29.64 0.84 -0.56	25.77 0.79 -0.85	69.26 2.48 -1.52	19.68 0.62 -1.78	24.91 0.83 -0.81	41.47 1.30 -0.30	29.24 0.84 -0.51	19.42 0.51 -0.78	14.61 0.38 -0.98
RIVERBAY___ 323610	51.04 3.71 -13.23	49.42 3.38 -14.23	46.30 1.91 -26.41	44.33 1.53 -28.93	48.61 3.21 -16.32	54.97 3.67 -19.07	60.74 4.82 -14.61	66.71 4.12 -27.65	62.18 1.95 -44.48	60.98 1.68 -45.84	60.14 3.37 -30.36	67.51 7.51 -1.85	56.38 6.37 -1.10	52.67 5.75 -2.90	50.17 4.31 -12.66	50.83 3.62 -18.96	54.65 2.86 -27.67	121.78 7.43 -49.09	76.94 2.01 -57.65	52.68 2.57 -26.83	54.19 4.34 -9.98	47.65 2.96 -16.80	45.80 1.99 -25.67	47.18 1.48 -32.45
ROARING___BROOK_WT_PWR 323790	32.38 -0.82 0.91	30.01 -0.82 0.98	15.71 -0.45 1.82	11.55 -0.33 2.00	27.32 -0.63 1.13	30.17 -0.75 1.32	39.36 -0.94 1.01	32.17 -0.86 1.91	12.34 -0.38 3.03	10.04 -0.34 3.09	23.74 -0.69 1.98	56.74 -1.41 0.00	48.00 -0.84 0.07	43.39 -0.48 0.15	45.60 -0.37 12.77	26.60 -0.37 1.28	21.94 -0.27 1.91	60.73 -1.14 3.39	12.95 -0.35 3.97	20.93 -0.51 1.82	38.65 -0.55 0.68	26.37 -0.38 1.14	16.12 -0.27 1.75	10.92 -0.12 2.21
ROCHESTER_9_IC 23652	35.93 0.26 -1.56	33.69 0.19 -1.68	21.26 0.16 -3.12	17.44 0.15 -3.42	31.22 0.22 -1.93	34.77 0.29 -2.25	43.05 0.02 -1.73	38.35 0.15 -3.26	21.14 0.19 -5.20	18.89 0.12 -5.30	30.04 0.23 -3.40	58.53 0.37 0.00	49.27 0.25 -0.11	44.24 -0.05 -0.26	34.82 0.17 -1.45	30.48 0.06 -2.18	27.49 0.11 -3.26	70.15 -0.04 -4.92	24.09 0.03 -6.78	26.34 -0.03 -3.11	40.78 -0.25 -1.16	29.56 -0.27 -1.95	21.05 -0.06 -2.97	17.10 0.10 -3.76
ROSETON___1 23587	49.33 2.31 -12.91	47.78 2.08 -13.89	44.93 1.17 -25.78	43.01 0.89 -28.24	46.86 1.85 -15.94	52.96 2.12 -18.61	58.31 2.73 -14.27	64.44 2.51 -26.99	60.37 1.21 -43.41	59.23 1.04 -44.72	58.12 2.12 -29.59	64.62 4.71 -1.76	53.96 3.98 -1.07	50.46 3.62 -2.81	48.31 2.77 -12.35	49.04 2.29 -18.50	53.02 1.88 -27.01	118.20 5.01 -47.93	75.01 1.33 -56.40	51.45 1.64 -26.54	52.45 2.71 -9.87	46.34 1.84 -16.61	44.72 1.19 -25.39	46.23 0.89 -32.09



ROSETON___2 23588	49.33 2.31 -12.91	47.78 2.08 -13.89	44.93 1.17 -25.78	43.01 0.89 -28.24	46.86 1.85 -15.94	52.96 2.12 -18.61	58.31 2.73 -14.27	64.44 2.51 -26.99	60.37 1.21 -43.41	59.23 1.04 -44.72	58.12 2.12 -29.59	64.62 4.71 -1.76	53.96 3.98 -1.07	50.46 3.62 -2.81	48.31 2.77 -12.35	49.04 2.29 -18.50	53.02 1.88 -27.01	118.20 5.01 -47.93	75.01 1.33 -56.40	51.45 1.64 -26.54	52.45 2.71 -9.87	46.34 1.84 -16.61	44.72 1.19 -25.39	46.23 0.89 -32.09
RUSSELL___1 23602	36.09 0.42 -1.56	33.84 0.35 -1.68	21.35 0.24 -3.12	17.50 0.21 -3.42	31.35 0.35 -1.93	34.92 0.43 -2.25	43.26 0.23 -1.73	38.54 0.34 -3.27	21.23 0.28 -5.20	18.96 0.20 -5.30	30.19 0.38 -3.40	58.84 0.69 0.00	49.54 0.52 -0.11	44.46 0.18 -0.26	35.00 0.35 -1.45	30.63 0.20 -2.18	27.63 0.24 -3.26	70.54 0.35 -4.92	24.19 0.13 -6.78	26.48 0.10 -3.11	41.01 -0.02 -1.16	29.71 -0.13 -1.95	21.14 0.03 -2.97	17.17 0.17 -3.76
RUSSELL___2 23532	36.09 0.42 -1.56	33.84 0.35 -1.68	21.35 0.24 -3.12	17.50 0.21 -3.42	31.35 0.35 -1.93	34.92 0.43 -2.25	43.26 0.23 -1.73	38.54 0.34 -3.27	21.23 0.28 -5.20	18.96 0.20 -5.30	30.19 0.38 -3.40	58.84 0.69 0.00	49.54 0.52 -0.11	44.46 0.18 -0.26	35.00 0.35 -1.45	30.63 0.20 -2.18	27.63 0.24 -3.26	70.54 0.35 -4.92	24.19 0.13 -6.78	26.48 0.10 -3.11	41.01 -0.02 -1.16	29.71 -0.13 -1.95	21.14 0.03 -2.97	17.17 0.17 -3.76
RUSSELL___3 23549	36.09 0.42 -1.56	33.84 0.35 -1.68	21.35 0.24 -3.12	17.50 0.21 -3.42	31.35 0.35 -1.93	34.92 0.43 -2.25	43.26 0.23 -1.73	38.54 0.34 -3.27	21.23 0.28 -5.20	18.96 0.20 -5.30	30.19 0.38 -3.40	58.84 0.69 0.00	49.54 0.52 -0.11	44.46 0.18 -0.26	35.00 0.35 -1.45	30.63 0.20 -2.18	27.63 0.24 -3.26	70.54 0.35 -4.92	24.19 0.13 -6.78	26.48 0.10 -3.11	41.01 -0.02 -1.16	29.71 -0.13 -1.95	21.14 0.03 -2.97	17.17 0.17 -3.76
RUSSELL___4 23556	36.09 0.42 -1.56	33.84 0.35 -1.68	21.35 0.24 -3.12	17.50 0.21 -3.42	31.35 0.35 -1.93	34.92 0.43 -2.25	43.26 0.23 -1.73	38.54 0.34 -3.27	21.23 0.28 -5.20	18.96 0.20 -5.30	30.19 0.38 -3.40	58.84 0.69 0.00	49.54 0.52 -0.11	44.46 0.18 -0.26	35.00 0.35 -1.45	30.63 0.20 -2.18	27.63 0.24 -3.26	70.54 0.35 -4.92	24.19 0.13 -6.78	26.48 0.10 -3.11	41.01 -0.02 -1.16	29.71 -0.13 -1.95	21.14 0.03 -2.97	17.17 0.17 -3.76
RUSSELL___STATION 23914	36.09 0.42 -1.56	33.84 0.35 -1.68	21.35 0.24 -3.12	17.50 0.21 -3.42	31.35 0.35 -1.93	34.92 0.43 -2.25	43.26 0.23 -1.73	38.54 0.34 -3.27	21.23 0.28 -5.20	18.96 0.20 -5.30	30.19 0.38 -3.40	58.84 0.69 0.00	49.54 0.52 -0.11	44.46 0.18 -0.26	35.00 0.35 -1.45	30.63 0.20 -2.18	27.63 0.24 -3.26	70.54 0.35 -4.92	24.19 0.13 -6.78	26.48 0.10 -3.11	41.01 -0.02 -1.16	29.71 -0.13 -1.95	21.14 0.03 -2.97	17.17 0.17 -3.76
S SALMON___HYD 24043	34.32 -0.71 -0.92	32.13 -0.68 -0.99	19.42 -0.41 -1.84	15.62 -0.27 -2.02	29.63 -0.59 -1.14	33.02 -0.54 -1.33	41.84 -0.48 -1.02	36.56 -0.27 -1.89	18.59 -0.15 -2.99	16.29 -0.22 -3.04	27.91 -0.49 -1.99	56.85 -1.30 0.00	48.01 -0.96 -0.07	43.46 -0.71 -0.15	31.31 -0.55 1.34	29.12 -0.41 -1.28	25.78 -0.28 -1.93	67.96 -0.73 -3.42	21.04 -0.24 -4.01	24.84 -0.27 -1.84	40.10 -0.46 -0.68	28.67 -0.37 -1.15	19.58 -0.31 -1.76	15.28 -0.18 -2.22
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.79 -0.44 -2.12	33.67 -0.42 -2.28	22.10 -0.12 -4.23	18.47 -0.05 -4.64	31.32 -0.37 -2.62	34.78 -0.51 -3.06	42.00 -1.65 -2.34	38.10 -1.28 -4.45	22.29 -0.39 -6.92	19.60 -0.38 -6.52	30.22 -0.79 -4.61	58.44 -1.92 -2.21	47.52 -1.63 -0.24	42.62 -1.76 -0.36	34.09 -1.07 -1.96	30.01 -1.19 -2.96	27.63 -0.93 -4.43	91.80 -3.31 -29.85	25.65 -0.84 -9.21	26.25 -1.24 -4.22	39.02 -2.42 -1.57	28.79 -1.75 -2.64	21.39 -0.78 -4.04	18.14 -0.21 -5.11
SELKIRK___I 23801	51.80 1.57 -16.13	50.64 1.49 -17.34	51.00 0.83 -32.19	49.78 0.64 -35.27	50.33 1.36 -19.90	56.99 1.51 -23.24	60.99 1.87 -17.82	70.21 1.57 -33.71	70.04 0.67 -53.62	68.64 0.58 -54.59	62.54 1.14 -34.99	60.60 2.45 0.00	52.25 2.18 -1.16	48.70 1.97 -2.71	49.63 1.48 -14.94	52.05 1.29 -22.51	58.99 1.14 -33.73	128.07 2.95 -59.85	88.19 0.79 -70.13	56.59 1.10 -32.23	53.75 1.90 -11.98	49.35 1.29 -20.17	49.81 0.84 -30.83	52.85 0.63 -38.97
SELKIRK___II 23799	53.13 1.45 -17.57	52.06 1.35 -18.90	53.81 0.74 -35.08	52.88 0.57 -38.43	51.97 1.21 -21.68	58.93 1.37 -25.33	62.43 1.71 -19.42	73.17 1.50 -36.73	74.55 0.68 -58.12	72.88 0.59 -58.82	64.67 1.19 -37.08	59.56 2.59 1.17	52.34 2.26 -1.17	48.59 2.05 -2.52	50.79 1.56 -16.03	53.76 1.31 -24.21	62.00 1.11 -36.76	133.42 2.93 -65.23	94.40 0.78 -76.34	59.20 1.06 -34.88	54.65 1.81 -12.97	50.92 1.20 -21.83	52.26 0.76 -33.37	55.99 0.57 -42.17
SENECA OSWGO___HYD 24041	34.92 -0.27 -1.09	32.69 -0.29 -1.17	19.99 -0.16 -2.17	16.14 -0.10 -2.37	30.17 -0.24 -1.34	33.59 -0.21 -1.56	42.26 -0.24 -1.20	37.08 -0.09 -2.23	19.24 -0.03 -3.52	17.02 -0.03 -3.58	28.66 -0.09 -2.34	57.89 -0.26 0.00	48.82 -0.16 -0.08	44.01 -0.19 -0.18	34.10 -0.11 -1.01	29.64 -0.11 -1.51	26.33 -0.07 -2.27	69.04 -0.26 -4.03	21.94 -0.06 -4.72	25.32 -0.11 -2.16	40.44 -0.23 -0.81	29.02 -0.22 -1.35	20.07 -0.14 -2.07	15.79 -0.07 -2.62
SENECA___ENERGY 23797	35.98 0.14 -1.73	33.76 0.09 -1.86	21.47 0.03 -3.45	17.71 0.05 -3.79	31.28 0.07 -2.14	34.88 0.15 -2.49	43.43 0.21 -1.91	39.00 0.46 -3.60	21.75 0.27 -5.72	19.51 0.21 -5.83	30.54 0.37 -3.75	58.77 0.62 0.00	49.55 0.52 -0.12	44.49 0.18 -0.29	35.09 0.28 -1.60	30.84 0.17 -2.42	27.95 0.20 -3.62	72.12 0.43 -6.43	24.95 0.15 -7.52	26.84 0.12 -3.45	41.26 0.11 -1.28	29.98 -0.07 -2.16	21.44 0.00 -3.30	17.48 0.07 -4.17
SHOEMAKER___GT 23640	47.69 1.92 -11.66	46.08 1.73 -12.54	42.23 0.97 -23.28	40.12 0.74 -25.50	45.01 1.55 -14.39	50.82 1.78 -16.81	56.53 2.34 -12.88	61.47 2.16 -24.38	55.94 1.02 -39.17	54.67 0.88 -40.32	54.81 1.77 -26.62	63.52 3.89 -1.48	53.09 3.22 -0.96	49.52 3.00 -2.50	46.65 2.32 -11.12	46.86 1.94 -16.67	50.12 1.61 -24.39	112.82 4.29 -43.27	69.30 1.15 -50.87	48.49 1.43 -23.80	51.04 2.32 -8.85	44.36 1.57 -14.89	41.91 1.01 -22.76	42.78 0.76 -28.77
SHOREHAM_IC_1 23715	51.46 4.11 -13.24	49.51 3.46 -14.25	46.43 2.01 -26.44	44.43 1.59 -28.97	48.50 3.08 -16.34	54.92 3.59 -19.09	60.64 4.70 -14.63	66.78 4.16 -27.69	62.21 1.93 -44.53	60.98 1.62 -45.90	64.43 3.80 -34.22	68.19 8.17 -1.86	57.08 7.08 -1.11	52.80 5.87 -2.90	49.84 3.96 -12.68	50.81 3.58 -18.99	54.66 2.83 -27.71	122.25 7.83 -49.15	77.20 2.19 -57.73	52.99 2.84 -26.88	54.31 4.45 -9.99	48.04 3.32 -16.82	45.96 2.12 -25.71	47.36 1.62 -32.50
SHOREHAM_IC_2 23716	51.46 4.11 -13.24	49.51 3.46 -14.25	46.43 2.01 -26.44	44.43 1.59 -28.97	48.50 3.08 -16.34	54.92 3.59 -19.09	60.64 4.70 -14.63	66.78 4.16 -27.69	62.21 1.93 -44.53	60.98 1.62 -45.90	64.43 3.80 -34.22	68.19 8.17 -1.86	57.08 7.08 -1.11	52.80 5.87 -2.90	49.84 3.96 -12.68	50.81 3.58 -18.99	54.66 2.83 -27.71	122.25 7.83 -49.15	77.20 2.19 -57.73	52.99 2.84 -26.88	54.31 4.45 -9.99	48.04 3.32 -16.82	45.96 2.12 -25.71	47.36 1.62 -32.50



SISSONVILLE____ 23735	32.34 -1.78 0.00	30.43 -1.38 0.00	17.19 -0.79 0.00	13.24 -0.63 0.00	27.80 -1.27 0.00	30.56 -1.68 0.00	39.71 -1.60 0.00	33.17 -1.76 0.00	14.81 -0.94 0.00	12.64 -0.83 0.00	24.74 -1.67 0.00	54.76 -3.39 0.00	45.66 -3.25 0.00	41.18 -2.84 0.00	6.65 -2.39 24.16	26.57 -1.68 0.00	22.65 -1.47 0.00	62.37 -2.90 0.00	16.41 -0.86 0.00	22.27 -1.00 0.00	38.18 -1.69 0.00	26.80 -1.09 0.00	17.35 -0.79 0.00	12.56 -0.68 0.00
SITHE_IND_GS1 24169	34.35 -0.65 -0.89	32.15 -0.62 -0.96	19.41 -0.35 -1.78	15.56 -0.26 -1.95	29.61 -0.56 -1.10	32.93 -0.59 -1.28	41.53 -0.76 -0.98	36.23 -0.56 -1.85	18.45 -0.24 -2.94	16.24 -0.22 -2.99	27.91 -0.43 -1.93	57.15 -1.00 0.00	48.15 -0.82 -0.06	43.38 -0.79 -0.15	33.47 -0.56 -0.82	28.99 -0.50 -1.24	25.58 -0.41 -1.86	67.41 -1.15 -3.30	20.85 -0.30 -3.87	24.62 -0.42 -1.78	39.77 -0.76 -0.66	28.43 -0.57 -1.11	19.48 -0.35 -1.70	15.16 -0.23 -2.15
SITHE_IND_GS2 24170	34.35 -0.65 -0.89	32.15 -0.62 -0.96	19.41 -0.35 -1.78	15.56 -0.26 -1.95	29.61 -0.56 -1.10	32.93 -0.59 -1.28	41.53 -0.76 -0.98	36.23 -0.56 -1.85	18.45 -0.24 -2.94	16.24 -0.22 -2.99	27.91 -0.43 -1.93	57.15 -1.00 0.00	48.15 -0.82 -0.06	43.38 -0.79 -0.15	33.47 -0.56 -0.82	28.99 -0.50 -1.24	25.58 -0.41 -1.86	67.41 -1.15 -3.30	20.85 -0.30 -3.87	24.62 -0.42 -1.78	39.77 -0.76 -0.66	28.43 -0.57 -1.11	19.48 -0.35 -1.70	15.16 -0.23 -2.15
SITHE_IND_GS3 24171	34.35 -0.65 -0.89	32.15 -0.62 -0.96	19.41 -0.35 -1.78	15.56 -0.26 -1.95	29.61 -0.56 -1.10	32.93 -0.59 -1.28	41.53 -0.76 -0.98	36.23 -0.56 -1.85	18.45 -0.24 -2.94	16.24 -0.22 -2.99	27.91 -0.43 -1.93	57.15 -1.00 0.00	48.15 -0.82 -0.06	43.38 -0.79 -0.15	33.47 -0.56 -0.82	28.99 -0.50 -1.24	25.58 -0.41 -1.86	67.41 -1.15 -3.30	20.85 -0.30 -3.87	24.62 -0.42 -1.78	39.77 -0.76 -0.66	28.43 -0.57 -1.11	19.48 -0.35 -1.70	15.16 -0.23 -2.15
SITHE_IND_GS4 24172	34.35 -0.65 -0.89	32.15 -0.62 -0.96	19.41 -0.35 -1.78	15.56 -0.26 -1.95	29.61 -0.56 -1.10	32.93 -0.59 -1.28	41.53 -0.76 -0.98	36.23 -0.56 -1.85	18.45 -0.24 -2.94	16.24 -0.22 -2.99	27.91 -0.43 -1.93	57.15 -1.00 0.00	48.15 -0.82 -0.06	43.38 -0.79 -0.15	33.47 -0.56 -0.82	28.99 -0.50 -1.24	25.58 -0.41 -1.86	67.41 -1.15 -3.30	20.85 -0.30 -3.87	24.62 -0.42 -1.78	39.77 -0.76 -0.66	28.43 -0.57 -1.11	19.48 -0.35 -1.70	15.16 -0.23 -2.15
SITHE____BATAVIA 24024	36.31 0.35 -1.85	34.08 0.28 -1.99	21.89 0.22 -3.69	18.13 0.22 -4.04	31.58 0.23 -2.28	35.21 0.31 -2.66	43.09 -0.26 -2.04	38.81 0.00 -3.87	22.11 0.19 -6.17	19.84 0.09 -6.28	30.57 0.14 -4.02	58.25 0.12 0.02	49.10 -0.01 -0.20	44.00 -0.33 -0.31	34.93 0.02 -1.71	30.64 -0.18 -2.58	27.93 -0.06 -3.86	72.97 -0.75 -8.46	25.14 -0.16 -8.03	26.61 -0.33 -3.68	40.32 -0.92 -1.37	29.42 -0.77 -2.30	21.41 -0.25 -3.52	17.78 0.09 -4.45
SITHE____INDEPEND 23800	34.35 -0.65 -0.89	32.15 -0.62 -0.96	19.41 -0.35 -1.78	15.56 -0.26 -1.95	29.61 -0.56 -1.10	32.93 -0.59 -1.28	41.53 -0.76 -0.98	36.23 -0.56 -1.85	18.45 -0.24 -2.94	16.24 -0.22 -2.99	27.91 -0.43 -1.93	57.15 -1.00 0.00	48.15 -0.82 -0.06	43.38 -0.79 -0.15	33.47 -0.56 -0.82	28.99 -0.50 -1.24	25.58 -0.41 -1.86	67.41 -1.15 -3.30	20.85 -0.30 -3.87	24.62 -0.42 -1.78	39.77 -0.76 -0.66	28.43 -0.57 -1.11	19.48 -0.35 -1.70	15.16 -0.23 -2.15
SITHE____MASSENA 23902	33.16 -0.95 0.00	31.15 -0.66 0.00	17.60 -0.38 0.00	13.56 -0.31 0.00	28.45 -0.62 0.00	31.27 -0.97 0.00	40.42 -0.89 0.00	33.78 -1.16 0.00	15.11 -0.64 0.00	12.92 -0.54 0.00	25.33 -1.08 0.00	56.09 -2.06 0.00	46.85 -2.05 0.00	42.22 -1.80 0.00	2.42 -1.54 29.24	27.22 -1.03 0.00	23.19 -0.94 0.00	63.50 -1.76 0.00	16.74 -0.53 0.00	22.67 -0.60 0.00	38.89 -0.98 0.00	27.31 -0.58 0.00	17.73 -0.41 0.00	12.86 -0.39 0.00
SITHE____OGDNSBRG 24021	33.09 -1.02 0.00	31.12 -0.69 0.00	17.58 -0.40 0.00	13.55 -0.33 0.00	28.43 -0.64 0.00	31.26 -0.97 0.00	40.57 -0.73 0.00	33.88 -1.06 0.00	15.13 -0.63 0.00	12.92 -0.55 0.00	25.31 -1.10 0.00	56.05 -2.10 0.00	46.73 -2.17 0.00	42.11 -1.91 0.00	5.41 -1.66 26.13	27.15 -1.09 0.00	23.18 -0.95 0.00	63.72 -1.54 0.00	16.78 -0.49 0.00	22.76 -0.51 0.00	39.02 -0.85 0.00	27.40 -0.49 0.00	17.76 -0.37 0.00	12.85 -0.39 0.00
SITHE____STERLING 23777	35.37 0.71 -0.55	33.03 0.63 -0.60	19.44 0.35 -1.10	15.38 0.30 -1.21	30.39 0.64 -0.68	33.86 0.82 -0.80	43.27 1.36 -0.60	37.44 1.34 -1.16	18.26 0.63 -1.88	15.84 0.46 -1.91	28.48 0.89 -1.19	59.81 1.65 0.00	50.38 1.44 -0.04	45.42 1.31 -0.09	34.57 0.87 -0.50	29.79 0.79 -0.76	25.99 0.72 -1.15	69.40 2.09 -2.05	20.20 0.52 -2.40	25.05 0.68 -1.10	41.30 1.02 -0.41	29.22 0.64 -0.69	19.60 0.41 -1.05	14.91 0.33 -1.33
SOUTH CAIRO____GT 23612	50.57 2.19 -14.27	49.16 2.00 -15.35	47.58 1.11 -28.48	45.92 0.85 -31.20	48.46 1.79 -17.60	54.87 2.07 -20.56	59.79 2.72 -15.76	67.27 2.51 -29.82	64.56 1.17 -47.64	63.20 1.01 -48.72	59.96 1.93 -31.62	63.06 4.16 -0.75	53.72 3.73 -1.09	49.93 3.24 -2.67	48.97 2.39 -13.38	50.32 1.96 -20.11	55.67 1.70 -29.85	123.12 4.90 -52.95	80.85 1.30 -62.27	54.06 1.59 -29.20	53.38 2.65 -10.85	47.93 1.77 -18.28	47.18 1.11 -27.93	49.36 0.81 -35.31
SOUTH HAMPTN____IC 23720	51.83 4.47 -13.24	49.85 3.79 -14.25	46.62 2.19 -26.44	44.57 1.73 -28.97	48.81 3.39 -16.34	55.29 3.96 -19.09	61.11 5.17 -14.63	67.20 4.58 -27.69	62.50 2.21 -44.53	61.25 1.89 -45.90	64.76 4.13 -34.22	68.85 8.83 -1.86	57.67 7.65 -1.11	53.52 6.59 -2.90	50.56 4.68 -12.68	51.21 3.98 -18.99	55.01 3.18 -27.71	123.15 8.73 -49.15	77.44 2.43 -57.73	53.30 3.15 -26.88	54.82 4.96 -9.99	48.37 3.66 -16.82	46.18 2.33 -25.71	47.51 1.77 -32.50
SOUTHOLD____IC 23719	52.25 4.89 -13.24	50.23 4.18 -14.25	46.84 2.41 -26.44	44.74 1.90 -28.97	49.16 3.74 -16.34	55.70 4.38 -19.09	61.68 5.74 -14.63	67.72 5.10 -27.69	62.76 2.48 -44.53	61.46 2.10 -45.90	65.19 4.56 -34.22	69.59 9.58 -1.86	58.29 8.28 -1.11	54.06 7.13 -2.90	51.09 5.21 -12.68	51.64 4.41 -18.99	55.40 3.57 -27.71	124.25 9.83 -49.15	77.75 2.74 -57.73	53.71 3.57 -26.88	55.49 5.63 -9.99	48.81 4.09 -16.82	46.45 2.60 -25.71	47.69 1.95 -32.50
ST LAWRENCE____ 23600	33.04 -1.07 0.00	30.91 -0.90 0.00	17.47 -0.51 0.00	13.46 -0.42 0.00	28.24 -0.83 0.00	31.19 -1.05 0.00	40.06 -1.24 0.00	33.62 -1.31 0.00	15.10 -0.66 0.00	12.92 -0.55 0.00	25.32 -1.10 0.00	55.92 -2.23 0.00	46.87 -2.04 0.00	42.22 -1.80 0.00	1.45 -1.46 30.29	27.11 -1.14 0.00	23.15 -0.97 0.00	62.96 -2.30 0.00	16.64 -0.64 0.00	22.47 -0.79 0.00	38.56 -1.31 0.00	27.08 -0.81 0.00	17.59 -0.55 0.00	12.76 -0.48 0.00
STATION 5_MISC_HYD 23604	35.93 0.26 -1.56	33.69 0.19 -1.68	21.26 0.16 -3.12	17.44 0.15 -3.42	31.22 0.22 -1.93	34.77 0.29 -2.25	43.05 0.02 -1.73	38.35 0.15 -3.26	21.14 0.19 -5.20	18.89 0.12 -5.30	30.04 0.23 -3.40	58.53 0.37 0.00	49.27 0.25 -0.11	44.24 -0.05 -0.26	34.82 0.17 -1.45	30.48 0.06 -2.18	27.49 0.11 -3.26	70.15 -0.04 -4.92	24.09 0.03 -6.78	26.34 -0.03 -3.11	40.78 -0.25 -1.16	29.56 -0.27 -1.95	21.05 -0.06 -2.97	17.10 0.10 -3.76



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.41 0.72 -1.58	34.12 0.61 -1.70	21.50 0.36 -3.16	17.64 0.31 -3.46	31.62 0.59 -1.95	35.27 0.75 -2.28	43.94 0.89 -1.75	39.23 1.00 -3.29	21.50 0.53 -5.22	19.21 0.42 -5.32	30.65 0.82 -3.43	59.77 1.62 0.00	50.33 1.31 -0.11	45.18 0.89 -0.27	35.40 0.72 -1.48	30.94 0.47 -2.23	27.94 0.48 -3.34	72.30 1.11 -5.92	24.55 0.33 -6.94	26.80 0.36 -3.18	41.50 0.45 -1.18	30.07 0.18 -1.99	21.37 0.19 -3.04	17.33 0.24 -3.85
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.86 0.19 -1.56	33.62 0.13 -1.67	21.21 0.12 -3.11	17.40 0.12 -3.40	31.16 0.16 -1.92	34.70 0.22 -2.24	43.01 -0.01 -1.72	38.32 0.13 -3.25	21.10 0.17 -5.18	18.85 0.11 -5.27	30.01 0.21 -3.38	58.48 0.33 0.00	49.24 0.23 -0.11	44.24 -0.05 -0.26	34.79 0.15 -1.44	30.44 0.03 -2.17	27.47 0.09 -3.25	70.52 -0.07 -5.32	24.05 0.02 -6.76	26.32 -0.04 -3.10	40.77 -0.26 -1.15	29.53 -0.29 -1.94	21.01 -0.09 -2.96	17.06 0.07 -3.75
STEEL___WIND 323596	36.27 -0.03 -2.19	34.11 -0.06 -2.36	22.43 0.07 -4.37	18.77 0.10 -4.79	31.74 -0.03 -2.70	35.31 -0.09 -3.16	42.72 -1.00 -2.42	38.87 -0.66 -4.60	22.81 -0.11 -7.16	20.10 -0.13 -6.76	30.87 -0.30 -4.76	59.95 -0.82 -2.63	48.47 -0.70 -0.27	43.45 -0.94 -0.37	34.80 -0.43 -2.03	30.60 -0.70 -3.06	28.19 -0.52 -4.58	85.61 -2.11 -22.45	26.25 -0.55 -9.52	26.75 -0.88 -4.36	39.70 -1.79 -1.62	29.30 -1.32 -2.73	21.78 -0.53 -4.17	18.49 -0.03 -5.28
STEBEN_REC_LFGE 323667	37.69 0.61 -2.97	35.51 0.50 -3.20	24.22 0.31 -5.93	20.66 0.29 -6.50	33.31 0.57 -3.67	37.21 0.70 -4.28	45.20 0.61 -3.28	42.11 0.92 -6.26	26.49 0.56 -10.17	24.83 0.42 -10.94	33.72 0.84 -6.46	60.42 1.59 -0.68	50.31 1.16 -0.24	45.44 0.92 -0.50	36.97 1.01 -2.75	32.94 0.55 -4.15	30.86 0.52 -6.21	82.92 1.78 -15.87	30.71 0.52 -12.91	29.40 0.21 -5.92	42.09 0.02 -2.20	31.53 -0.06 -3.71	23.87 0.07 -5.66	20.64 0.24 -7.16
STONY___BROOK 24151	51.33 3.98 -13.24	49.40 3.35 -14.25	46.36 1.94 -26.44	44.36 1.53 -28.97	48.40 2.98 -16.34	54.79 3.47 -19.09	60.47 4.53 -14.63	66.61 3.99 -27.69	62.24 1.95 -44.53	61.03 1.67 -45.90	64.27 3.65 -34.21	67.95 7.94 -1.86	56.88 6.87 -1.11	52.94 6.01 -2.90	50.22 4.34 -12.68	50.86 3.63 -18.99	54.67 2.84 -27.71	121.88 7.46 -49.15	77.09 2.09 -57.73	52.84 2.70 -26.88	54.07 4.20 -9.99	47.87 3.15 -16.82	45.87 2.02 -25.71	47.30 1.56 -32.50
STURGEON_POOL_HYD 23609	49.66 2.50 -13.05	48.09 2.25 -14.04	45.29 1.26 -26.05	43.37 0.96 -28.54	47.17 1.99 -16.10	53.34 2.30 -18.81	58.74 3.02 -14.42	65.00 2.79 -27.28	60.83 1.34 -43.73	59.54 1.16 -44.91	58.22 2.35 -29.46	64.69 5.25 -1.29	54.38 4.43 -1.05	50.72 4.04 -2.66	48.65 3.08 -12.37	49.35 2.54 -18.56	53.51 2.09 -27.30	119.28 5.59 -48.43	75.81 1.46 -57.07	51.94 1.64 -27.03	52.64 2.72 -10.05	46.65 1.85 -16.92	45.19 1.19 -25.86	46.82 0.89 -32.69
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.18 2.18 -11.88	46.56 1.97 -12.78	42.81 1.10 -23.72	40.70 0.84 -25.99	45.50 1.76 -14.66	51.39 2.03 -17.13	57.09 2.66 -13.13	62.22 2.45 -24.84	56.83 1.16 -39.92	55.55 0.99 -41.10	55.57 2.02 -27.15	64.13 4.45 -1.53	53.61 3.73 -0.98	50.00 3.43 -2.55	47.19 2.64 -11.34	47.44 2.20 -16.99	50.79 1.81 -24.85	114.23 4.87 -44.10	70.42 1.30 -51.84	49.14 1.62 -24.25	51.52 2.63 -9.01	44.84 1.77 -15.17	42.48 1.15 -23.20	43.43 0.87 -29.32
SYNERGY___BIOGAS 323694	36.31 0.35 -1.85	34.08 0.28 -1.99	21.89 0.22 -3.69	18.13 0.22 -4.04	31.58 0.23 -2.28	35.21 0.31 -2.66	43.09 -0.26 -2.04	38.81 0.00 -3.87	22.11 0.19 -6.17	19.84 0.09 -6.28	30.57 0.14 -4.02	58.25 0.12 0.02	49.10 -0.01 -0.20	44.00 -0.33 -0.31	34.93 0.02 -1.71	30.64 -0.18 -2.58	27.93 -0.06 -3.86	72.97 -0.75 -8.46	25.14 -0.16 -8.03	26.61 -0.33 -3.68	40.32 -0.92 -1.37	29.42 -0.77 -2.30	21.41 -0.25 -3.52	17.78 0.09 -4.45
SYRACUSE___ENERGY_ST1 323597	35.61 0.13 -1.37	33.38 0.09 -1.48	20.76 0.03 -2.74	16.92 0.04 -3.00	30.83 0.07 -1.69	34.36 0.14 -1.98	43.05 0.23 -1.52	38.08 0.33 -2.81	20.32 0.17 -4.40	18.07 0.13 -4.48	29.60 0.23 -2.96	58.64 0.49 0.00	49.44 0.43 -0.10	44.59 0.34 -0.23	34.77 0.30 -1.27	30.39 0.23 -1.92	27.22 0.23 -2.87	70.90 0.53 -5.10	23.40 0.15 -5.97	26.16 0.16 -2.74	41.14 0.25 -1.02	29.69 0.09 -1.71	20.83 0.07 -2.62	16.64 0.08 -3.31
SYRACUSE___ENERGY_ST2 323598	35.61 0.13 -1.37	33.38 0.09 -1.48	20.76 0.03 -2.74	16.92 0.04 -3.00	30.83 0.07 -1.69	34.36 0.14 -1.98	43.05 0.23 -1.52	38.08 0.33 -2.81	20.32 0.17 -4.40	18.07 0.13 -4.48	29.60 0.23 -2.96	58.64 0.49 0.00	49.44 0.43 -0.10	44.59 0.34 -0.23	34.77 0.30 -1.27	30.39 0.23 -1.92	27.22 0.23 -2.87	70.90 0.53 -5.10	23.40 0.15 -5.97	26.16 0.16 -2.74	41.14 0.25 -1.02	29.69 0.09 -1.71	20.83 0.07 -2.62	16.64 0.08 -3.31
SYRACUSE___POWER 24017	35.70 0.16 -1.43	33.46 0.11 -1.54	20.90 0.06 -2.85	17.06 0.06 -3.12	30.95 0.11 -1.76	34.48 0.19 -2.06	43.17 0.28 -1.59	37.98 0.30 -2.75	20.01 0.13 -4.13	17.77 0.10 -4.20	29.69 0.23 -3.05	58.69 0.54 0.00	49.51 0.50 -0.10	44.63 0.36 -0.24	34.85 0.31 -1.34	30.49 0.23 -2.01	27.36 0.24 -3.00	71.16 0.59 -5.30	23.66 0.18 -6.21	26.31 0.19 -2.85	41.20 0.27 -1.06	29.79 0.11 -1.78	20.95 0.09 -2.72	16.78 0.10 -3.44
TRIGEN___CC 323695	50.55 3.20 -13.24	48.82 2.77 -14.25	46.01 1.58 -26.44	44.07 1.23 -28.97	47.89 2.47 -16.34	54.18 2.86 -19.09	59.67 3.73 -14.63	65.93 3.32 -27.69	61.90 1.62 -44.53	60.77 1.41 -45.90	63.05 3.01 -33.63	66.61 6.59 -1.86	55.66 5.65 -1.11	51.97 5.05 -2.90	49.65 3.78 -12.68	50.36 3.13 -18.99	54.30 2.48 -27.71	120.86 6.44 -49.15	76.78 1.77 -57.73	52.42 2.28 -26.88	53.49 3.62 -9.99	47.35 2.63 -16.82	45.52 1.67 -25.71	47.02 1.27 -32.50
UNION___PROCESSING_DRP 323587	35.88 0.20 -1.57	33.66 0.15 -1.69	21.26 0.14 -3.14	17.45 0.13 -3.44	31.19 0.18 -1.94	34.74 0.23 -2.27	42.99 -0.06 -1.74	38.32 0.09 -3.29	21.15 0.16 -5.24	18.90 0.10 -5.33	30.02 0.18 -3.42	58.41 0.26 0.00	49.18 0.16 -0.11	44.18 -0.10 -0.27	34.78 0.13 -1.46	30.45 0.01 -2.19	27.48 0.07 -3.29	70.52 -0.12 -5.38	24.11 0.00 -6.83	26.33 -0.07 -3.13	40.72 -0.32 -1.16	29.53 -0.31 -1.96	21.04 -0.09 -2.99	17.11 0.08 -3.78
UPPER HUDSON___HYD 24058	55.27 1.71 -19.45	54.35 1.62 -20.92	57.71 0.90 -38.83	57.10 0.69 -42.53	54.51 1.44 -24.00	61.71 1.44 -28.03	64.81 2.02 -21.49	77.48 1.90 -40.64	80.76 0.85 -64.16	78.92 0.69 -64.76	68.17 1.25 -40.51	58.79 2.52 1.88	52.40 2.24 -1.25	48.49 1.89 -2.58	53.34 1.49 -18.65	56.25 1.37 -26.63	66.13 1.33 -40.68	141.43 4.00 -72.17	102.77 1.03 -84.46	63.18 1.32 -38.59	56.46 2.24 -14.35	53.38 1.33 -24.16	55.88 0.82 -36.92	60.51 0.60 -46.66
UPPER RAQUET___HYD 24056	32.34 -1.78 0.00	30.43 -1.38 0.00	17.19 -0.79 0.00	13.24 -0.63 0.00	27.80 -1.27 0.00	30.56 -1.68 0.00	39.71 -1.60 0.00	33.17 -1.76 0.00	14.81 -0.94 0.00	12.64 -0.83 0.00	24.74 -1.67 0.00	54.76 -3.39 0.00	45.66 -3.25 0.00	41.18 -2.84 0.00	6.65 -2.39 24.16	26.57 -1.68 0.00	22.65 -1.47 0.00	62.37 -2.90 0.00	16.41 -0.86 0.00	22.27 -1.00 0.00	38.18 -1.69 0.00	26.80 -1.09 0.00	17.35 -0.79 0.00	12.56 -0.68 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.87 1.49 -5.27	38.84 1.37 -5.67	29.26 0.76 -10.52	25.98 0.58 -11.53	36.79 1.21 -6.50	41.25 1.41 -7.60	49.05 1.92 -5.82	47.76 1.78 -11.04	34.17 0.82 -17.60	32.08 0.70 -17.92	39.25 1.39 -11.44	61.16 3.01 0.00	51.81 2.53 -0.38	47.13 2.22 -0.88	39.75 1.67 -4.88	36.98 1.38 -7.36	36.33 1.18 -11.02	88.64 3.15 -20.23	41.04 0.86 -22.90	34.89 1.13 -10.50	45.65 1.87 -3.90	35.72 1.25 -6.57	29.00 0.82 -10.04	26.57 0.63 -12.69
VISCHER___FERRY HYD 24020	54.89 1.99 -18.79	53.91 1.89 -20.21	56.58 1.08 -37.52	55.79 0.82 -41.10	53.98 1.71 -23.19	61.18 1.86 -27.09	64.38 2.32 -20.76	76.27 2.06 -39.27	78.58 0.93 -61.89	76.62 0.80 -62.36	66.75 1.55 -38.79	59.23 3.30 2.21	52.88 2.79 -1.18	48.91 2.54 -2.34	53.05 1.97 -17.87	55.59 1.72 -25.63	64.93 1.50 -39.30	139.14 4.15 -69.73	99.97 1.09 -81.61	62.00 1.44 -37.29	56.12 2.38 -13.86	52.79 1.57 -23.34	54.81 1.00 -35.67	59.07 0.74 -45.08
V_CMM_10_SYNC_DSASP 323787	33.15 -0.96 0.00	31.01 -0.80 0.00	17.52 -0.46 0.00	13.50 -0.37 0.00	28.33 -0.74 0.00	31.28 -0.95 0.00	40.21 -1.09 0.00	33.73 -1.20 0.00	15.15 -0.60 0.00	12.96 -0.50 0.00	25.40 -1.01 0.00	56.13 -2.03 0.00	47.05 -1.86 0.00	42.36 -1.66 0.00	1.55 -1.36 30.29	27.21 -1.04 0.00	23.23 -0.89 0.00	63.16 -2.10 0.00	16.70 -0.58 0.00	22.55 -0.71 0.00	38.68 -1.19 0.00	27.17 -0.72 0.00	17.65 -0.49 0.00	12.81 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	33.87 -0.24 0.00	31.69 -0.12 0.00	17.88 -0.10 0.00	13.67 -0.20 0.00	28.77 -0.30 0.00	32.09 -0.15 0.00	41.25 -0.06 0.00	34.80 -0.13 0.00	15.71 -0.04 0.00	13.44 -0.03 0.00	26.27 -0.14 0.00	57.81 -0.34 0.00	48.25 -0.65 0.00	43.20 -0.82 0.00	2.15 -0.73 30.32	27.65 -0.59 0.00	23.72 -0.41 0.00	64.87 -0.40 0.00	17.08 -0.19 0.00	23.03 -0.24 0.00	39.30 -0.57 0.00	27.49 -0.39 0.00	17.77 -0.37 0.00	12.83 -0.42 0.00
V_F_30_SYNC_DSASP 323786	54.10 1.60 -18.38	53.06 1.48 -19.77	55.49 0.80 -36.70	54.69 0.61 -40.20	53.10 1.34 -22.68	60.26 1.53 -26.50	63.57 1.95 -20.31	75.03 1.68 -38.42	77.19 0.76 -60.67	75.40 0.66 -61.27	66.09 1.31 -38.37	59.31 2.85 1.69	52.56 2.46 -1.19	48.72 2.23 -2.47	51.57 1.70 -16.67	54.89 1.44 -25.20	63.81 1.23 -38.45	136.80 3.32 -68.22	97.99 0.88 -79.83	60.91 1.18 -36.46	55.43 2.01 -13.55	52.02 1.32 -22.82	53.83 0.82 -34.88	57.93 0.61 -44.08
V_XM_10_SYNC_DSASP 323789	33.87 -0.24 0.00	31.69 -0.12 0.00	17.88 -0.10 0.00	13.67 -0.20 0.00	28.77 -0.30 0.00	32.09 -0.15 0.00	41.25 -0.06 0.00	34.80 -0.13 0.00	15.71 -0.04 0.00	13.44 -0.03 0.00	26.27 -0.14 0.00	57.81 -0.34 0.00	48.25 -0.65 0.00	43.20 -0.82 0.00	2.15 -0.73 30.32	27.65 -0.59 0.00	23.72 -0.41 0.00	64.87 -0.40 0.00	17.08 -0.19 0.00	23.03 -0.24 0.00	39.30 -0.57 0.00	27.49 -0.39 0.00	17.77 -0.37 0.00	12.83 -0.42 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.85 2.59 -12.15	47.20 2.33 -13.07	43.54 1.31 -24.25	41.44 1.01 -26.56	46.16 2.10 -14.99	52.15 2.41 -17.51	57.91 3.18 -13.42	63.24 2.92 -25.39	57.95 1.38 -40.82	56.67 1.17 -42.03	56.57 2.38 -27.78	65.01 5.27 -1.59	54.33 4.43 -1.00	50.70 4.05 -2.62	47.91 3.11 -11.60	48.22 2.60 -17.38	51.68 2.15 -25.41	116.19 5.84 -45.08	71.82 1.56 -52.99	50.00 1.96 -24.77	52.22 3.15 -9.21	45.52 2.12 -15.51	43.20 1.37 -23.70	44.23 1.03 -29.95
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.13 2.80 -13.21	48.56 2.54 -14.21	45.78 1.42 -26.38	43.84 1.07 -28.90	47.63 2.26 -16.30	53.85 2.57 -19.04	59.21 3.31 -14.60	65.60 3.05 -27.62	61.67 1.49 -44.43	60.54 1.29 -45.78	59.36 2.63 -30.32	65.89 5.90 -1.85	55.00 5.00 -1.10	51.46 4.54 -2.90	49.31 3.46 -12.64	50.04 2.85 -18.94	54.08 2.31 -27.64	120.43 6.13 -49.03	76.50 1.63 -57.58	52.15 2.08 -26.80	53.24 3.41 -9.96	47.00 2.33 -16.77	45.30 1.52 -25.64	46.78 1.13 -32.41
WADING RIVER_IC_1 23522	51.46 4.11 -13.24	49.52 3.46 -14.25	46.43 2.01 -26.44	44.42 1.58 -28.97	48.50 3.09 -16.34	54.92 3.59 -19.09	60.64 4.71 -14.63	66.78 4.16 -27.69	62.30 2.01 -44.53	61.07 1.71 -45.90	64.43 3.80 -34.22	68.19 8.18 -1.86	57.08 7.08 -1.11	53.00 6.07 -2.90	50.07 4.19 -12.68	50.83 3.59 -18.99	54.66 2.83 -27.71	122.30 7.88 -49.15	77.20 2.19 -57.73	52.99 2.84 -26.88	54.32 4.45 -9.99	48.04 3.33 -16.82	45.96 2.12 -25.71	47.36 1.62 -32.50
WADING RIVER_IC_2 23547	51.46 4.11 -13.24	49.52 3.46 -14.25	46.43 2.01 -26.44	44.42 1.58 -28.97	48.50 3.09 -16.34	54.92 3.59 -19.09	60.64 4.71 -14.63	66.78 4.16 -27.69	62.30 2.01 -44.53	61.07 1.71 -45.90	64.43 3.80 -34.22	68.19 8.18 -1.86	57.08 7.08 -1.11	53.00 6.07 -2.90	50.07 4.19 -12.68	50.83 3.59 -18.99	54.66 2.83 -27.71	122.30 7.88 -49.15	77.20 2.19 -57.73	52.99 2.84 -26.88	54.32 4.45 -9.99	48.04 3.33 -16.82	45.96 2.12 -25.71	47.36 1.62 -32.50
WADING RIVER_IC_3 23601	51.46 4.11 -13.24	49.52 3.46 -14.25	46.43 2.01 -26.44	44.42 1.58 -28.97	48.50 3.09 -16.34	54.92 3.59 -19.09	60.64 4.71 -14.63	66.78 4.16 -27.69	62.30 2.01 -44.53	61.07 1.71 -45.90	64.43 3.80 -34.22	68.19 8.18 -1.86	57.08 7.08 -1.11	53.00 6.07 -2.90	50.07 4.19 -12.68	50.83 3.59 -18.99	54.66 2.83 -27.71	122.30 7.88 -49.15	77.20 2.19 -57.73	52.99 2.84 -26.88	54.32 4.45 -9.99	48.04 3.33 -16.82	45.96 2.12 -25.71	47.36 1.62 -32.50
WALDEN___HYDRO 24148	49.03 2.34 -12.57	47.44 2.10 -13.52	44.27 1.18 -25.10	42.28 0.91 -27.50	46.47 1.88 -15.52	52.53 2.17 -18.12	58.08 2.88 -13.89	63.87 2.65 -26.28	59.21 1.25 -42.21	57.95 1.06 -43.42	57.19 2.16 -28.62	64.42 4.78 -1.50	53.93 4.00 -1.03	50.35 3.67 -2.66	47.99 2.82 -11.98	48.56 2.36 -17.95	52.37 1.94 -26.30	117.19 5.26 -46.67	73.58 1.42 -54.89	50.77 1.76 -25.75	52.31 2.86 -9.57	45.93 1.92 -16.11	44.00 1.24 -24.63	45.31 0.93 -31.13
WARRENSBURG___ 23737	55.27 1.71 -19.45	54.35 1.62 -20.92	57.71 0.90 -38.83	57.10 0.69 -42.53	54.51 1.44 -24.00	61.71 1.44 -28.03	64.81 2.02 -21.49	77.48 1.90 -40.64	80.76 0.85 -64.16	78.92 0.69 -64.76	68.17 1.25 -40.51	58.79 2.52 1.88	52.40 2.24 -1.25	48.49 1.89 -2.58	53.34 1.49 -18.65	56.25 1.37 -26.63	66.13 1.33 -40.68	141.43 4.00 -72.17	102.77 1.03 -84.46	63.18 1.32 -38.59	56.46 2.24 -14.35	53.38 1.33 -24.16	55.88 0.82 -36.92	60.51 0.60 -46.66
WATERSIDE___6 8 9 23538	50.31 2.97 -13.23	48.72 2.69 -14.23	45.90 1.51 -26.41	43.94 1.14 -28.93	47.78 2.39 -16.32	54.00 2.70 -19.07	59.39 3.47 -14.61	65.75 3.17 -27.65	61.78 1.56 -44.48	60.66 1.36 -45.84	59.52 2.75 -30.36	66.14 6.14 -1.85	55.23 5.23 -1.10	51.66 4.74 -2.90	49.45 3.59 -12.66	50.19 2.98 -18.96	54.19 2.39 -27.67	120.60 6.25 -49.09	76.61 1.68 -57.65	52.23 2.13 -26.83	53.38 3.53 -9.98	47.08 2.40 -16.80	45.39 1.58 -25.67	46.87 1.18 -32.45
WDELAWARE___HYD 323627	49.48 4.09 -11.28	47.67 3.73 -12.13	42.61 2.11 -22.52	40.17 1.63 -24.67	46.41 3.42 -13.92	52.44 3.94 -16.26	58.98 5.21 -12.46	63.06 4.55 -23.58	55.64 2.06 -37.83	54.09 1.75 -38.87	55.46 3.51 -25.54	66.99 7.65 -1.19	56.15 6.34 -0.91	52.14 5.79 -2.33	48.42 4.51 -10.71	48.06 3.76 -16.06	50.94 3.23 -23.59	115.95 8.82 -41.86	68.89 2.36 -49.25	49.38 2.97 -23.14	53.42 4.95 -8.60	45.77 3.39 -14.48	42.44 2.17 -22.14	42.84 1.61 -27.98



WEST BABYLON___IC 23714	51.44 4.09 -13.24	49.50 3.44 -14.25	46.40 1.97 -26.44	44.39 1.55 -28.97	48.49 3.07 -16.34	54.87 3.55 -19.09	60.56 4.63 -14.63	66.73 4.11 -27.69	62.29 2.00 -44.53	61.09 1.72 -45.90	64.22 3.70 -34.11	68.05 8.04 -1.86	56.92 6.91 -1.11	53.04 6.11 -2.90	50.36 4.48 -12.68	50.96 3.73 -18.99	54.81 2.98 -27.71	122.25 7.83 -49.15	77.18 2.18 -57.73	52.95 2.81 -26.88	54.33 4.47 -9.99	48.01 3.30 -16.82	45.95 2.10 -25.71	47.35 1.60 -32.50
WEST CANADA___HYD 24049	33.78 0.00 0.33	31.44 -0.01 0.36	17.32 0.00 0.66	13.15 0.00 0.72	28.67 0.00 0.41	31.77 0.01 0.48	40.97 0.04 0.36	34.32 0.07 0.69	14.71 0.04 1.09	12.38 0.03 1.11	25.75 0.05 0.72	58.24 0.09 0.00	48.99 0.11 0.02	44.08 0.11 0.05	34.38 0.10 -1.08	27.84 0.06 0.46	23.50 0.07 0.69	64.16 0.13 1.22	15.88 0.03 1.44	22.63 0.02 0.66	39.69 0.06 0.24	27.50 0.02 0.41	17.51 0.01 0.63	12.47 0.03 0.80
WESTERN_NY_WIND 24143	36.29 0.30 -1.87	34.07 0.24 -2.02	21.90 0.18 -3.74	18.17 0.19 -4.10	31.57 0.18 -2.31	35.19 0.26 -2.70	43.02 -0.36 -2.07	38.78 -0.09 -3.93	22.16 0.16 -6.26	19.90 0.06 -6.37	30.57 0.08 -4.08	58.12 -0.03 0.00	49.00 -0.11 -0.21	43.89 -0.44 -0.31	34.89 -0.05 -1.74	30.60 -0.26 -2.61	27.92 -0.12 -3.92	73.09 -0.94 -8.77	25.21 -0.20 -8.14	26.60 -0.40 -3.73	40.22 -1.03 -1.39	29.38 -0.84 -2.34	21.41 -0.29 -3.57	17.82 0.07 -4.51
WESTOVER___LESR 323668	39.21 0.74 -4.36	37.16 0.66 -4.69	27.06 0.37 -8.71	23.72 0.31 -9.54	35.04 0.59 -5.38	39.23 0.71 -6.29	47.03 0.91 -4.82	45.08 0.98 -9.16	30.85 0.49 -14.61	28.77 0.42 -14.88	36.72 0.83 -9.48	59.95 1.80 0.00	50.72 1.50 -0.31	45.91 1.16 -0.73	38.19 0.95 -4.04	35.06 0.73 -6.09	33.90 0.65 -9.12	84.50 1.72 -17.52	36.70 0.47 -18.95	32.53 0.57 -8.69	44.03 0.93 -3.23	33.88 0.56 -5.44	26.85 0.40 -8.31	24.10 0.35 -10.51
WETHRSFD_WT_PWR 323626	36.29 -0.33 -2.51	34.11 -0.41 -2.70	22.85 -0.15 -5.02	19.33 -0.04 -5.50	31.88 -0.29 -3.10	35.54 -0.32 -3.62	43.04 -1.04 -2.78	39.62 -0.60 -5.28	24.01 -0.16 -8.41	21.82 -0.21 -8.57	31.38 -0.49 -5.46	58.11 -1.22 -1.18	48.00 -1.13 -0.23	43.21 -1.23 -0.43	35.09 -0.44 -2.33	31.05 -0.70 -3.51	28.75 -0.64 -5.26	85.18 -1.97 -21.89	27.61 -0.59 -10.92	27.23 -1.05 -5.01	39.70 -2.03 -1.86	29.51 -1.51 -3.14	22.19 -0.73 -4.79	19.08 -0.22 -6.05
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.67 2.40 -12.15	47.04 2.16 -13.07	43.47 1.22 -24.27	41.39 0.93 -26.58	46.02 1.95 -15.00	52.00 2.24 -17.52	57.67 2.94 -13.43	63.04 2.70 -25.41	57.87 1.27 -40.84	56.61 1.09 -42.06	56.41 2.20 -27.80	64.63 4.89 -1.59	54.00 4.09 -1.00	50.41 3.77 -2.62	47.69 2.88 -11.61	48.05 2.41 -17.39	51.53 1.98 -25.42	115.73 5.36 -45.11	71.73 1.43 -53.02	49.85 1.79 -24.79	51.97 2.89 -9.21	45.34 1.94 -15.52	43.11 1.26 -23.72	44.18 0.95 -29.97
YORK___WARBASSE 23770	50.45 3.11 -13.23	48.85 2.81 -14.23	45.97 1.58 -26.41	43.99 1.19 -28.93	47.89 2.49 -16.32	54.14 2.84 -19.07	59.60 3.68 -14.61	65.94 3.36 -27.65	61.87 1.64 -44.48	60.72 1.42 -45.84	59.65 2.88 -30.36	66.43 6.43 -1.85	55.42 5.41 -1.10	51.82 4.90 -2.90	49.56 3.70 -12.66	50.30 3.09 -18.96	54.29 2.50 -27.67	120.97 6.61 -49.09	91.29 1.76 -72.24	52.35 2.24 -26.85	53.54 3.69 -9.98	47.19 2.51 -16.80	45.44 1.64 -25.67	46.91 1.22 -32.45