

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/01/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	34.16	29.41	27.76	27.66	24.93	31.00	34.90	41.71	56.88	63.26	206.70	66.34	37.85	30.28	24.84	25.03	27.41	33.19	48.72	38.69	34.02	29.13	33.96	25.96
24138	0.75	1.17	1.68	1.58	1.09	0.40	1.77	0.38	-0.02	-0.75	-1.35	-0.56	0.98	1.44	1.45	1.49	1.52	1.25	-0.25	1.89	2.30	1.52	1.08	1.55
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.33	-57.51	-77.71	-231.18	-76.58	-21.02	-9.15	-1.93	0.00	0.00	-13.28	-53.38	-7.82	-0.11	-7.76	-18.45	-5.32
74TH STREET_GT_1	34.16	29.40	27.75	27.66	24.93	30.99	34.92	41.72	56.88	63.27	206.74	66.34	37.87	30.27	24.81	24.99	27.37	33.17	48.73	38.66	33.99	29.11	33.94	25.94
24260	0.75	1.16	1.67	1.58	1.09	0.39	1.79	0.39	-0.02	-0.75	-1.34	-0.57	0.99	1.43	1.42	1.46	1.48	1.22	-0.25	1.87	2.27	1.49	1.06	1.53
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.33	-57.51	-77.71	-231.20	-76.59	-21.02	-9.15	-1.93	0.00	0.00	-13.28	-53.38	-7.82	-0.11	-7.76	-18.45	-5.32
74TH STREET_GT_2	34.16	29.40	27.75	27.66	24.93	30.99	34.92	41.72	56.88	63.27	206.74	66.34	37.87	30.27	24.81	24.99	27.37	33.17	48.73	38.66	33.99	29.11	33.94	25.94
24261	0.75	1.16	1.67	1.58	1.09	0.39	1.79	0.39	-0.02	-0.75	-1.34	-0.57	0.99	1.43	1.42	1.46	1.48	1.22	-0.25	1.87	2.27	1.49	1.06	1.53
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.33	-57.51	-77.71	-231.20	-76.59	-21.02	-9.15	-1.93	0.00	0.00	-13.28	-53.38	-7.82	-0.11	-7.76	-18.45	-5.32
ADK HUDSON___FALLS	44.09	33.56	27.11	26.99	27.80	41.87	35.02	57.67	83.87	100.03	315.69	102.41	47.27	33.46	24.68	23.94	26.28	38.61	73.84	41.27	32.25	31.83	42.04	27.32
24011	0.48	0.70	0.88	0.79	0.54	0.23	0.98	0.23	-0.04	-0.47	-0.92	-0.45	0.53	0.32	0.39	0.41	0.38	0.44	-0.14	0.80	0.48	0.56	0.42	0.38
	-31.71	-14.39	-0.47	-0.33	-10.67	-34.57	-2.85	-50.44	-84.51	-114.20	-339.74	-112.54	-30.89	-13.45	-2.83	0.00	0.00	-19.51	-78.39	-11.49	-0.16	-11.42	-27.19	-7.84
ADK RESOURCE___RCVRY	44.21	33.71	27.27	27.13	27.92	41.97	35.26	57.78	83.96	100.06	315.90	102.46	47.39	33.51	24.74	24.03	26.34	38.76	73.91	41.48	32.34	31.97	42.17	27.42
23798	0.56	0.83	1.05	0.94	0.64	0.28	1.22	0.28	-0.04	-0.57	-1.11	-0.52	0.61	0.36	0.44	0.50	0.45	0.56	-0.17	1.00	0.57	0.69	0.52	0.48
	-31.74	-14.41	-0.47	-0.33	-10.68	-34.61	-2.86	-50.50	-84.61	-114.33	-340.14	-112.68	-30.92	-13.47	-2.84	0.00	0.00	-19.53	-78.49	-11.50	-0.16	-11.43	-27.22	-7.85
ADK S GLENS___FALLS	44.09	33.56	27.11	26.99	27.80	41.87	35.02	57.67	83.87	100.03	315.69	102.41	47.27	33.46	24.68	23.94	26.28	38.61	73.84	41.27	32.25	31.83	42.04	27.32
24028	0.48	0.70	0.88	0.79	0.54	0.23	0.98	0.23	-0.04	-0.47	-0.92	-0.45	0.53	0.32	0.39	0.41	0.38	0.44	-0.14	0.80	0.48	0.56	0.42	0.38
	-31.71	-14.39	-0.47	-0.33	-10.67	-34.57	-2.85	-50.44	-84.51	-114.20	-339.74	-112.54	-30.89	-13.45	-2.83	0.00	0.00	-19.51	-78.39	-11.49	-0.16	-11.42	-27.19	-7.84
ADK_NYS___DAM	42.29	32.84	27.31	27.17	27.27	39.87	34.74	54.70	78.88	93.24	295.56	95.69	45.89	33.29	25.16	24.48	26.82	37.66	69.20	40.59	32.48	31.22	40.51	27.11
23527	0.56	0.82	1.12	1.00	0.64	0.26	0.86	0.23	-0.04	-0.53	-1.03	-0.53	0.97	0.95	1.03	0.95	0.93	0.64	-0.16	0.80	0.71	0.63	0.50	0.65
	-29.83	-13.54	-0.44	-0.31	-10.04	-32.53	-2.69	-47.47	-79.53	-107.47	-319.71	-105.91	-29.07	-12.66	-2.67	0.00	0.00	-18.36	-73.77	-10.81	-0.15	-10.74	-25.58	-7.38
AIR_PRODUCTS___DRP	40.82	31.69	26.38	26.28	26.40	38.54	33.74	52.90	76.28	90.20	285.93	92.65	44.15	32.09	24.20	23.62	25.92	36.49	66.88	39.52	31.80	30.36	39.25	26.37
24190	0.09	0.13	0.20	0.13	0.11	0.01	-0.04	0.00	-0.01	-0.01	-0.07	-0.07	0.19	0.16	0.17	0.09	0.03	0.07	-0.03	0.10	0.04	0.13	0.09	0.15
	-28.83	-13.08	-0.43	-0.30	-9.70	-31.46	-2.60	-45.90	-76.90	-103.91	-309.13	-102.41	-28.11	-12.24	-2.58	0.00	0.00	-17.75	-71.32	-10.45	-0.15	-10.39	-24.73	-7.13
ALBANY___1	40.82	31.69	26.38	26.28	26.40	38.54	33.74	52.90	76.28	90.20	285.93	92.65	44.15	32.09	24.20	23.62	25.92	36.49	66.88	39.52	31.80	30.36	39.25	26.37
23571	0.09	0.13	0.20	0.13	0.11	0.01	-0.04	0.00	-0.01	-0.01	-0.07	-0.07	0.19	0.16	0.17	0.09	0.03	0.07	-0.03	0.10	0.04	0.13	0.09	0.15
	-28.83	-13.08	-0.43	-0.30	-9.70	-31.46	-2.60	-45.90	-76.90	-103.91	-309.13	-102.41	-28.11	-12.24	-2.58	0.00	0.00	-17.75	-71.32	-10.45	-0.15	-10.39	-24.73	-7.13
ALBANY___2	40.82	31.69	26.38	26.28	26.40	38.54	33.74	52.90	76.28	90.20	285.93	92.65	44.15	32.09	24.20	23.62	25.92	36.49	66.88	39.52	31.80	30.36	39.25	26.37
23572	0.09	0.13	0.20	0.13	0.11	0.01	-0.04	0.00	-0.01	-0.01	-0.07	-0.07	0.19	0.16	0.17	0.09	0.03	0.07	-0.03	0.10	0.04	0.13	0.09	0.15
	-28.83	-13.08	-0.43	-0.30	-9.70	-31.46	-2.60	-45.90	-76.90	-103.91	-309.13	-102.41	-28.11	-12.24	-2.58	0.00	0.00	-17.75	-71.32	-10.45	-0.15	-10.39	-24.73	-7.13
ALBANY___3	40.82	31.69	26.38	26.28	26.40	38.54	33.74	52.90	76.28	90.20	285.93	92.65	44.15	32.09	24.20	23.62	25.92	36.49	66.88	39.52	31.80	30.36	39.25	26.37
23573	0.09	0.13	0.20	0.13	0.11	0.01	-0.04	0.00	-0.01	-0.01	-0.07	-0.07	0.19	0.16	0.17	0.09	0.03	0.07	-0.03	0.10	0.04	0.13	0.09	0.15
	-28.83	-13.08	-0.43	-0.30	-9.70	-31.46	-2.60	-45.90	-76.90	-103.91	-309.13	-102.41	-28.11	-12.24	-2.58	0.00	0.00	-17.75	-71.32	-10.45	-0.15	-10.39	-24.73	-7.13
ALBANY___4	40.82	31.69	26.38	26.28	26.40	38.54	33.74	52.90	76.28	90.20	285.93	92.65	44.15	32.09	24.20	23.62	25.92	36.49	66.88	39.52	31.80	30.36	39.25	26.37
23574	0.09	0.13	0.20	0.13	0.11	0.01	-0.04	0.00	-0.01	-0.01	-0.07	-0.07	0.19	0.16	0.17	0.09	0.03	0.07	-0.03	0.10	0.04	0.13	0.09	0.15
	-28.83	-13.08	-0.43	-0.30	-9.70	-31.46	-2.60	-45.90	-76.90	-103.91	-309.13	-102.41	-28.11	-12.24	-2.58	0.00	0.00	-17.75	-71.32	-10.45	-0.15	-10.39	-24.73	-7.13



ALBANY___LFGE 323615	41.86 0.21 -29.74	32.29 0.31 -13.50	26.64 0.44 -0.44	26.54 0.37 -0.31	26.87 0.27 -10.01	39.60 0.08 -32.45	34.11 0.25 -2.68	54.41 0.07 -47.35	78.69 -0.02 -79.32	93.33 -0.15 -107.18	295.41 -0.32 -318.86	95.75 -0.19 -105.63	45.20 0.35 -28.99	32.65 0.33 -12.62	24.48 0.36 -2.66	23.83 0.30 0.00	26.17 0.27 0.00	37.23 0.26 -18.31	69.08 -0.07 -73.56	40.13 0.37 -10.78	32.10 0.33 -0.15	30.87 0.30 -10.72	40.16 0.22 -25.51	26.76 0.32 -7.36
ALCOA_RYNLDS___DRP 24188	11.78 -0.12 0.00	18.37 -0.11 0.00	25.64 -0.11 0.00	25.83 -0.03 0.00	16.56 -0.03 0.00	7.07 -0.01 0.00	31.04 -0.15 0.00	6.95 -0.04 0.00	-0.62 -0.01 0.00	-13.64 0.06 0.00	-22.86 0.15 -0.12	-9.10 0.13 -0.46	16.97 -0.15 -1.27	17.26 -0.15 2.28	22.78 -0.13 -1.45	24.86 -0.18 -1.51	27.36 -0.13 -1.59	19.83 -0.19 -1.35	-4.08 0.05 -0.29	28.77 -0.21 0.00	31.71 -0.34 -0.44	19.67 -0.29 -0.11	14.43 -0.18 -0.18	18.89 -0.30 -0.09
ALCOA___DSASP 323711	11.78 -0.12 0.00	18.37 -0.11 0.00	25.64 -0.11 0.00	25.83 -0.03 0.00	16.56 -0.03 0.00	7.07 -0.01 0.00	31.04 -0.15 0.00	6.95 -0.04 0.00	-0.62 -0.01 0.00	-13.64 0.06 0.00	-22.86 0.15 -0.12	-9.10 0.13 -0.46	16.97 -0.15 -1.27	17.26 -0.15 2.28	22.78 -0.13 -1.45	24.86 -0.18 -1.51	27.36 -0.13 -1.59	19.83 -0.19 -1.35	-4.08 0.05 -0.29	28.77 -0.21 0.00	31.71 -0.34 -0.44	19.67 -0.29 -0.11	14.43 -0.18 -0.18	18.89 -0.30 -0.09
ALLEGHENY___COGEN 23514	17.42 0.52 -5.00	21.34 0.59 -2.27	31.17 0.66 -4.76	64.42 0.46 -38.10	51.86 0.19 -35.08	40.65 0.06 -33.52	79.99 0.47 -48.34	45.87 0.15 -38.72	42.95 0.05 -43.51	16.21 0.13 -29.78	35.34 0.30 -58.18	9.49 -0.09 -19.27	20.95 -0.19 -5.29	21.31 -0.68 -2.30	25.00 -0.55 -4.10	37.13 0.39 -13.21	62.37 0.11 -36.37	58.82 -0.20 -40.36	19.34 -0.04 -23.79	67.65 0.49 -38.18	77.46 0.81 -45.04	54.73 0.61 -34.27	47.23 0.41 -32.40	50.13 0.52 -30.52
ALTONA_WT_PWR 323606	12.07 0.16 0.00	18.77 0.29 0.00	25.98 0.23 0.00	26.07 0.21 0.00	16.76 0.17 0.00	7.18 0.11 0.00	31.51 0.32 0.00	7.12 0.12 0.00	-0.70 -0.09 0.00	-13.78 -0.08 0.00	-26.29 0.22 3.38	-22.70 0.23 13.25	-21.20 -0.57 36.49	-21.19 -0.70 40.19	-21.18 -0.82 41.82	-21.12 -1.09 43.57	-21.14 -1.19 45.84	-21.06 -0.84 38.89	-12.29 0.12 8.00	28.37 -0.61 0.00	18.11 -1.01 12.48	15.90 -0.85 3.10	8.51 -0.62 5.30	15.41 -0.94 2.75
AMERICAN_REF_FUEL 24010	16.02 -0.38 -4.50	19.76 -0.76 -2.04	23.70 -1.03 1.02	16.16 -0.87 8.82	9.61 -0.72 6.25	5.70 -0.30 1.07	19.06 -1.39 10.74	7.59 -0.23 -0.82	5.94 0.18 -6.37	2.32 0.64 -15.38	30.53 0.78 -52.88	7.76 -0.07 -17.52	20.33 -0.33 -4.81	20.42 -1.37 -2.09	19.55 -1.50 0.41	18.97 -1.43 3.13	15.76 -1.52 8.61	11.88 -1.04 5.74	5.60 0.28 -9.73	20.42 -1.76 6.79	19.50 -1.47 10.64	13.08 -0.86 5.91	11.03 -0.61 2.79	12.54 -0.74 5.81
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.94 -0.04 -5.07	20.43 -0.36 -2.30	24.23 -0.53 1.00	16.49 -0.71 8.66	10.12 -0.55 5.92	6.55 -0.19 0.34	19.90 -0.80 10.49	8.69 -0.15 -1.85	7.48 0.09 -8.00	3.98 0.21 -17.47	35.84 0.02 -58.96	9.54 -0.30 -19.53	21.24 0.03 -5.36	21.30 -0.72 -2.33	20.75 -0.39 0.32	19.90 -0.66 2.98	16.79 -0.91 8.19	13.33 -0.38 4.95	6.99 0.09 -11.31	21.90 -0.92 6.16	20.76 -0.73 10.12	14.18 -0.34 5.33	12.20 -0.27 1.95	13.54 -0.23 5.32
ARTHUR_KILL_GT_1 23520	34.21 0.79 -21.51	29.53 1.29 -9.76	27.77 1.70 -0.32	27.49 1.41 -0.23	24.84 1.00 -7.24	30.95 0.35 -23.53	34.60 1.47 -1.94	39.68 0.29 -32.39	46.45 -0.01 -47.07	63.45 -0.56 -77.71	206.96 -1.11 -231.20	63.68 -0.44 -73.81	37.60 0.83 -20.91	30.21 1.37 -9.15	24.67 1.28 -1.93	24.79 1.26 0.00	27.19 1.29 0.00	33.04 1.10 -13.28	48.78 -0.20 -53.38	38.60 1.80 -7.82	34.12 2.40 -0.11	29.20 1.59 -7.76	34.01 1.14 -18.45	25.90 1.49 -5.32
ARTHUR_KILL_2 23512	34.17 0.76 -21.51	29.49 1.25 -9.76	27.71 1.64 -0.32	27.42 1.34 -0.23	24.80 0.97 -7.24	30.93 0.33 -23.53	34.52 1.39 -1.94	39.66 0.27 -32.39	46.45 -0.01 -47.07	63.49 -0.52 -77.71	207.02 -1.05 -231.20	63.71 -0.41 -73.81	37.56 0.79 -20.91	30.16 1.32 -9.15	24.62 1.24 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.00 1.06 -13.28	48.79 -0.19 -53.38	38.51 1.71 -7.82	34.03 2.31 -0.11	29.14 1.53 -7.76	33.98 1.10 -18.45	25.85 1.45 -5.32
ARTHUR_KILL_3 23513	34.01 0.60 -21.51	29.19 0.95 -9.76	27.51 1.44 -0.32	27.39 1.31 -0.23	24.78 0.95 -7.24	30.92 0.32 -23.53	34.56 1.43 -1.94	41.52 0.30 -34.22	56.24 -0.02 -56.87	63.46 -0.55 -77.71	207.07 -0.99 -231.19	63.71 -0.41 -73.81	37.51 0.75 -20.91	29.98 1.14 -9.15	24.50 1.11 -1.93	24.66 1.12 0.00	27.01 1.12 0.00	32.91 0.96 -13.28	48.79 -0.18 -53.38	38.28 1.48 -7.82	33.60 1.88 -0.11	28.84 1.23 -7.76	33.75 0.88 -18.45	25.72 1.31 -5.32
ARTHUR_KILL_COGEN 323718	34.21 0.79 -21.51	29.53 1.29 -9.76	27.77 1.70 -0.32	27.49 1.41 -0.23	24.84 1.00 -7.24	30.95 0.35 -23.53	34.60 1.47 -1.94	39.68 0.29 -32.39	46.45 -0.01 -47.07	63.45 -0.56 -77.71	206.96 -1.11 -231.20	63.68 -0.44 -73.81	37.60 0.83 -20.91	30.21 1.37 -9.15	24.67 1.28 -1.93	24.79 1.26 0.00	27.19 1.29 0.00	33.04 1.10 -13.28	48.78 -0.20 -53.38	38.60 1.80 -7.82	34.12 2.40 -0.11	29.20 1.59 -7.76	34.01 1.14 -18.45	25.90 1.49 -5.32
ASHOKAN____ 23654	37.28 0.33 -25.04	30.32 0.47 -11.36	26.86 0.73 -0.37	26.79 0.67 -0.26	25.40 0.38 -8.43	34.56 0.13 -27.35	34.21 0.76 -2.26	47.06 0.16 -39.91	66.27 0.01 -66.87	76.42 -0.23 -90.35	245.32 -0.35 -268.80	79.22 -0.14 -89.04	40.71 0.42 -24.44	30.50 0.17 -10.64	23.94 0.23 -2.24	23.77 0.24 0.00	26.16 0.26 0.00	34.44 0.34 -15.44	57.54 -0.09 -62.03	38.87 0.81 -9.09	32.65 0.91 -0.13	29.44 0.57 -9.03	36.35 0.44 -21.48	25.88 0.60 -6.19
ASTORIA_EAST_ENERGY_CC1 323581	34.05 0.63 -21.51	29.27 1.03 -9.76	27.57 1.49 -0.32	27.50 1.42 -0.23	24.81 0.98 -7.24	30.95 0.34 -23.53	34.68 1.55 -1.94	41.68 0.35 -34.33	56.93 0.02 -57.51	63.41 -0.60 -77.71	207.03 -1.04 -231.20	66.47 -0.43 -76.59	37.67 0.80 -21.02	30.10 1.26 -9.15	24.59 1.21 -1.93	24.74 1.21 0.00	27.12 1.23 0.00	33.03 1.09 -13.28	48.77 -0.21 -53.38	38.37 1.57 -7.82	33.69 1.97 -0.10	28.96 1.35 -7.76	33.80 0.92 -18.44	25.83 1.42 -5.32
ASTORIA_EAST_ENERGY_CC2 323582	34.05 0.63 -21.51	29.27 1.03 -9.76	27.57 1.49 -0.32	27.50 1.42 -0.23	24.81 0.98 -7.24	30.94 0.34 -23.53	34.68 1.55 -1.94	41.67 0.35 -34.33	56.93 0.02 -57.51	63.41 -0.60 -77.71	207.03 -1.04 -231.20	66.47 -0.43 -76.59	37.67 0.80 -21.02	30.10 1.26 -9.15	24.59 1.21 -1.93	24.74 1.21 0.00	27.12 1.23 0.00	33.03 1.09 -13.28	48.77 -0.21 -53.38	38.37 1.57 -7.82	33.69 1.97 -0.10	28.96 1.35 -7.76	33.80 0.92 -18.44	25.83 1.42 -5.32
ASTORIA_GT2_I 24094	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32



ASTORIA_GT2_2 24095	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT2_3 24096	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT2_4 24097	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT3_1 24098	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT3_2 24099	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT3_3 24100	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT3_4 24101	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT4_1 24102	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT4_2 24103	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT4_3 24104	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT4_4 24105	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA_GT_1 23523	34.07 0.66 -21.51	29.31 1.07 -9.76	27.62 1.54 -0.32	27.54 1.46 -0.23	24.84 1.01 -7.24	30.95 0.35 -23.53	34.74 1.61 -1.94	41.69 0.36 -34.33	56.92 0.01 -57.51	63.37 -0.64 -77.71	206.97 -1.10 -231.20	66.44 -0.46 -76.59	37.71 0.84 -21.02	30.15 1.30 -9.15	24.64 1.25 -1.93	24.79 1.26 0.00	27.18 1.29 0.00	33.07 1.13 -13.28	48.76 -0.22 -53.38	38.44 1.64 -7.82	33.76 2.04 -0.10	29.01 1.40 -7.76	33.83 0.95 -18.44	25.87 1.46 -5.32
ASTORIA_GT_10 24110	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
ASTORIA_GT_11 24225	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
ASTORIA_GT_12 24226	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32



ASTORIA_GT_13 24227	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
ASTORIA_GT_5 24106	34.07 0.66 -21.51	29.31 1.07 -9.76	27.62 1.54 -0.32	27.54 1.46 -0.23	24.84 1.01 -7.24	30.95 0.35 -23.53	34.74 1.61 -1.94	41.69 0.36 -34.33	56.92 0.01 -57.51	63.37 -0.64 -77.71	206.97 -1.10 -231.20	66.44 -0.46 -76.59	37.71 0.84 -21.02	30.15 1.30 -9.15	24.64 1.25 -1.93	24.79 1.26 0.00	27.18 1.29 0.00	33.07 1.13 -13.28	48.76 -0.22 -53.38	38.44 1.64 -7.82	33.76 2.04 -0.10	29.01 1.40 -7.76	33.83 0.95 -18.44	25.87 1.46 -5.32
ASTORIA_GT_7 24107	34.07 0.66 -21.51	29.31 1.07 -9.76	27.62 1.54 -0.32	27.54 1.46 -0.23	24.84 1.01 -7.24	30.95 0.35 -23.53	34.74 1.61 -1.94	41.69 0.36 -34.33	56.92 0.01 -57.51	63.37 -0.64 -77.71	206.97 -1.10 -231.20	66.44 -0.46 -76.59	37.71 0.84 -21.02	30.15 1.30 -9.15	24.64 1.25 -1.93	24.79 1.26 0.00	27.18 1.29 0.00	33.07 1.13 -13.28	48.76 -0.22 -53.38	38.44 1.64 -7.82	33.76 2.04 -0.10	29.01 1.40 -7.76	33.83 0.95 -18.44	25.87 1.46 -5.32
ASTORIA_GT_8 24108	34.07 0.66 -21.51	29.31 1.07 -9.76	27.62 1.54 -0.32	27.54 1.46 -0.23	24.84 1.01 -7.24	30.95 0.35 -23.53	34.74 1.61 -1.94	41.69 0.36 -34.33	56.92 0.01 -57.51	63.37 -0.64 -77.71	206.97 -1.10 -231.20	66.44 -0.46 -76.59	37.71 0.84 -21.02	30.15 1.30 -9.15	24.64 1.25 -1.93	24.79 1.26 0.00	27.18 1.29 0.00	33.07 1.13 -13.28	48.76 -0.22 -53.38	38.44 1.64 -7.82	33.76 2.04 -0.10	29.01 1.40 -7.76	33.83 0.95 -18.44	25.87 1.46 -5.32
ASTORIA___2 24149	34.06 0.64 -21.51	29.28 1.05 -9.76	27.58 1.51 -0.32	27.51 1.42 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.06 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.27 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.13 1.24 0.00	33.03 1.10 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.98 -0.10	28.98 1.37 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
ASTORIA___3 23516	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
ASTORIA___4 23517	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
ASTORIA___5 23518	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
AST_ENERGY_2_CC3 323677	34.07 0.66 -21.51	29.27 1.03 -9.76	27.59 1.51 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.66 0.34 -34.33	56.88 -0.02 -57.51	63.38 -0.63 -77.71	206.93 -1.14 -231.19	66.42 -0.47 -76.59	37.71 0.84 -21.02	30.10 1.26 -9.15	24.64 1.25 -1.93	24.81 1.27 0.00	27.16 1.27 0.00	33.01 1.07 -13.28	48.76 -0.21 -53.38	38.42 1.63 -7.82	33.74 2.02 -0.11	28.95 1.34 -7.76	33.83 0.95 -18.45	25.80 1.39 -5.32
AST_ENERGY_2_CC4 323678	34.07 0.66 -21.51	29.27 1.03 -9.76	27.59 1.51 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.66 0.34 -34.33	56.88 -0.02 -57.51	63.38 -0.63 -77.71	206.93 -1.14 -231.19	66.42 -0.47 -76.59	37.71 0.84 -21.02	30.10 1.26 -9.15	24.64 1.25 -1.93	24.81 1.27 0.00	27.16 1.27 0.00	33.01 1.07 -13.28	48.76 -0.21 -53.38	38.42 1.63 -7.82	33.74 2.02 -0.11	28.95 1.34 -7.76	33.83 0.95 -18.45	25.80 1.39 -5.32
ATHENS_STG_1 23668	36.29 0.37 -24.02	29.93 0.55 -10.90	26.91 0.80 -0.36	26.83 0.73 -0.25	25.18 0.50 -8.09	33.50 0.17 -26.26	34.12 0.76 -2.17	45.49 0.18 -38.31	63.57 -0.01 -64.18	72.72 -0.31 -86.73	234.37 -0.52 -258.02	75.55 -0.24 -85.47	39.75 0.43 -23.46	30.53 0.63 -10.21	24.24 0.63 -2.15	24.17 0.63 0.00	26.52 0.63 0.00	34.02 0.54 -14.82	55.03 -0.12 -59.56	38.51 0.81 -8.73	32.70 0.96 -0.12	29.20 0.69 -8.67	35.53 0.50 -20.60	25.77 0.73 -5.94
ATHENS_STG_2 23670	36.29 0.37 -24.02	29.93 0.55 -10.90	26.91 0.80 -0.36	26.83 0.73 -0.25	25.18 0.50 -8.09	33.50 0.17 -26.26	34.12 0.76 -2.17	45.49 0.18 -38.31	63.57 -0.01 -64.18	72.72 -0.31 -86.73	234.37 -0.52 -258.02	75.55 -0.24 -85.47	39.75 0.43 -23.46	30.53 0.63 -10.21	24.24 0.63 -2.15	24.17 0.63 0.00	26.52 0.63 0.00	34.02 0.54 -14.82	55.03 -0.12 -59.56	38.51 0.81 -8.73	32.70 0.96 -0.12	29.20 0.69 -8.67	35.53 0.50 -20.60	25.77 0.73 -5.94
ATHENS_STG_3 23677	36.29 0.37 -24.02	29.93 0.55 -10.90	26.91 0.80 -0.36	26.83 0.73 -0.25	25.18 0.50 -8.09	33.50 0.17 -26.26	34.12 0.76 -2.17	45.49 0.18 -38.31	63.57 -0.01 -64.18	72.72 -0.31 -86.73	234.37 -0.52 -258.02	75.55 -0.24 -85.47	39.75 0.43 -23.46	30.53 0.63 -10.21	24.24 0.63 -2.15	24.17 0.63 0.00	26.52 0.63 0.00	34.02 0.54 -14.82	55.03 -0.12 -59.56	38.51 0.81 -8.73	32.70 0.96 -0.12	29.20 0.69 -8.67	35.53 0.50 -20.60	25.77 0.73 -5.94
AUBURN___LFGE 323710	15.93 0.32 -3.70	20.63 0.47 -1.68	26.44 0.43 -0.25	27.88 0.42 -1.60	19.42 0.19 -2.64	12.80 0.05 -5.69	33.97 0.46 -2.32	15.01 0.13 -7.88	11.73 0.00 -12.34	1.62 -0.18 -15.50	21.60 -0.15 -44.87	5.04 -0.13 -14.86	20.00 0.07 -4.08	21.51 0.04 -1.78	22.04 0.06 -0.52	24.26 0.19 -0.54	27.60 0.22 -1.48	22.95 0.21 -4.08	6.28 -0.09 -10.78	32.44 0.47 -2.99	34.08 0.62 -1.85	23.16 0.52 -2.79	19.15 0.39 -4.33	21.70 0.49 -2.12
BABYLON_RES_REC 323704	34.36 0.95 -21.51	29.67 1.43 -9.76	28.15 2.08 -0.32	28.07 1.99 -0.23	25.18 1.35 -7.24	31.06 0.45 -23.53	35.41 2.28 -1.94	41.85 0.52 -34.34	57.11 -0.03 -57.75	63.17 -0.86 -77.73	316.47 -1.72 -341.32	66.27 -0.64 -76.60	43.27 1.21 -26.21	129.59 1.76 -108.14	30.68 1.69 -7.53	27.41 1.78 -2.10	27.38 1.49 0.00	33.21 1.27 -13.28	48.70 -0.29 -53.39	38.92 2.12 -7.82	34.38 2.66 -0.11	29.32 1.71 -7.76	34.11 1.23 -18.45	27.65 1.84 -6.72



BARON_WINDS___WT_PWR	18.26	21.24	17.96	-37.77	-37.09	-31.64	-48.58	-32.43	-30.82	-5.93	50.04	14.38	22.08	21.72	15.21	1.10	-35.18	-39.19	-4.83	-29.45	-43.82	-31.81	-27.03	-28.18
323822	-0.01	-0.13	-0.10	-0.44	-0.34	-0.18	-0.76	-0.15	0.06	0.42	0.69	0.06	-0.37	-0.83	-0.83	-0.44	-0.56	-0.39	0.09	-0.60	-0.53	-0.24	-0.17	-0.14
	-6.36	-2.89	7.69	63.19	53.33	38.54	79.00	39.28	30.27	-7.35	-72.49	-24.01	-6.59	-2.87	5.41	22.00	60.51	57.47	0.51	57.83	74.91	51.43	41.30	47.14
BARRETT_IC_1	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23704	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_10	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23701	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_11	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23702	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_12	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23703	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_2	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23705	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_3	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23706	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_4	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23707	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_5	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23708	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_6	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23709	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_7	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23710	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_8	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23711	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT_IC_9	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23700	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT___1	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23545	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72
BARRETT___2	34.26	29.55	28.03	27.94	25.11	31.04	35.13	41.77	57.11	63.37	316.90	66.43	43.00	129.23	30.39	27.22	27.30	33.08	48.75	38.47	33.90	29.06	33.91	27.43
23546	0.84	1.31	1.96	1.85	1.28	0.43	2.00	0.44	-0.03	-0.65	-1.29	-0.49	0.94	1.40	1.39	1.59	1.41	1.13	-0.23	1.67	2.18	1.44	1.03	1.62
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.34	-57.75	-77.73	-341.32	-76.60	-26.21	-108.14	-7.53	-2.10	0.00	-13.28	-53.39	-7.82	-0.11	-7.76	-18.45	-6.72



BAYONEEC___CTG1 323682	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG10 323750	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG2 323683	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG3 323684	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG4 323685	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG5 323686	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG6 323687	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG7 323688	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG8 323689	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BAYONEEC___CTG9 323749	34.07 0.66 -21.51	29.27 1.04 -9.76	27.59 1.52 -0.32	27.49 1.41 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.54 0.33 -34.22	56.24 -0.02 -56.87	63.39 -0.62 -77.71	206.95 -1.11 -231.19	63.66 -0.46 -73.81	37.59 0.82 -20.91	30.09 1.25 -9.15	24.63 1.24 -1.93	24.79 1.25 0.00	27.16 1.27 0.00	33.00 1.06 -13.28	48.77 -0.20 -53.38	38.40 1.60 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.80 1.39 -5.32
BEACON___LESR 323632	41.13 0.34 -28.89	32.01 0.42 -13.11	26.82 0.64 -0.43	26.68 0.52 -0.30	26.70 0.39 -9.73	38.73 0.14 -31.52	34.33 0.54 -2.60	53.14 0.15 -46.00	76.42 -0.03 -77.06	90.17 -0.25 -104.12	286.09 -0.54 -309.76	92.65 -0.27 -102.61	44.53 0.51 -28.16	32.43 0.48 -12.26	24.49 0.45 -2.58	23.95 0.41 0.00	26.34 0.45 0.00	36.84 0.39 -17.79	66.93 -0.12 -71.46	40.07 0.62 -10.47	32.29 0.53 -0.15	30.71 0.45 -10.41	39.49 0.29 -24.78	26.73 0.50 -7.15
BEAVER RIVER___HYD 24048	12.63 -0.42 -1.15	18.40 -0.60 -0.52	24.93 -0.84 -0.02	24.94 -0.93 -0.01	16.62 -0.37 -0.40	8.37 -0.22 -1.51	30.08 -1.23 -0.12	8.89 -0.32 -2.21	3.08 -0.01 -3.71	-8.03 0.67 -5.01	-6.45 1.55 -15.12	-3.35 0.50 -5.84	18.94 -0.76 -3.85	13.83 -1.01 4.85	23.36 -1.08 -2.98	25.32 -1.19 -2.98	28.22 -0.80 -3.13	21.55 -0.63 -3.52	-0.23 0.18 -4.00	28.61 -0.87 -0.50	31.61 -0.87 -0.87	19.79 -0.75 -0.69	15.27 -0.50 -1.34	18.86 -0.70 -0.47
BEEBEE_GT_13 23619	15.56 0.09 -3.57	20.10 0.00 -1.62	25.66 -0.14 -0.05	25.65 -0.24 -0.04	17.56 -0.25 -1.22	11.33 -0.13 -4.39	31.04 -0.51 -0.36	13.33 -0.07 -6.40	10.15 0.03 -10.73	0.93 0.13 -14.50	20.18 0.18 -43.13	4.48 -0.12 -14.29	19.68 -0.09 -3.92	20.83 -0.56 -1.71	21.29 -0.53 -0.36	23.15 -0.38 0.00	25.41 -0.49 0.00	20.78 -0.36 -2.48	5.57 0.04 -9.95	29.95 -0.49 -1.46	31.36 -0.27 -0.02	21.17 -0.08 -1.41	17.43 -0.05 -3.06	19.89 -0.08 -0.88
BETHLEHEM___GRP 23843	40.82 0.09 -28.83	31.69 0.13 -13.08	26.38 0.20 -0.43	26.28 0.13 -0.30	26.40 0.11 -9.70	38.54 0.01 -31.46	33.74 -0.04 -2.60	52.90 0.00 -45.90	76.28 -0.01 -76.90	90.20 -0.01 -103.91	285.93 -0.07 -309.13	92.65 -0.07 -102.41	44.15 0.19 -28.11	32.09 0.16 -12.24	24.20 0.17 -2.58	23.62 0.09 0.00	25.92 0.03 0.00	36.49 0.07 -17.75	66.88 -0.03 -71.32	39.52 0.10 -10.45	31.80 0.04 -0.15	30.36 0.13 -10.39	39.25 0.09 -24.73	26.37 0.15 -7.13
BETHLEHEM___GS1 323560	40.82 0.09 -28.83	31.69 0.13 -13.08	26.38 0.20 -0.43	26.28 0.13 -0.30	26.40 0.11 -9.70	38.54 0.01 -31.46	33.74 -0.04 -2.60	52.90 0.00 -45.90	76.28 -0.01 -76.90	90.20 -0.01 -103.91	285.93 -0.07 -309.13	92.65 -0.07 -102.41	44.15 0.19 -28.11	32.09 0.16 -12.24	24.20 0.17 -2.58	23.62 0.09 0.00	25.92 0.03 0.00	36.49 0.07 -17.75	66.88 -0.03 -71.32	39.52 0.10 -10.45	31.80 0.04 -0.15	30.36 0.13 -10.39	39.25 0.09 -24.73	26.37 0.15 -7.13



BETHLEHEM___GS2 323561	40.82 0.09 -28.83	31.69 0.13 -13.08	26.38 0.20 -0.43	26.28 0.13 -0.30	26.40 0.11 -9.70	38.54 0.01 -31.46	33.74 -0.04 -2.60	52.90 0.00 -45.90	76.28 -0.01 -76.90	90.20 -0.01 -103.91	285.93 -0.07 -309.13	92.65 -0.07 -102.41	44.15 0.19 -28.11	32.09 0.16 -12.24	24.20 0.17 -2.58	23.62 0.09 0.00	25.92 0.03 0.00	36.49 0.07 -17.75	66.88 -0.03 -71.32	39.52 0.10 -10.45	31.80 0.04 -0.15	30.36 0.13 -10.39	39.25 0.09 -24.73	26.37 0.15 -7.13
BETHLEHEM___GS3 323562	40.82 0.09 -28.83	31.69 0.13 -13.08	26.38 0.20 -0.43	26.28 0.13 -0.30	26.40 0.11 -9.70	38.54 0.01 -31.46	33.74 -0.04 -2.60	52.90 0.00 -45.90	76.28 -0.01 -76.90	90.20 -0.01 -103.91	285.93 -0.07 -309.13	92.65 -0.07 -102.41	44.15 0.19 -28.11	32.09 0.16 -12.24	24.20 0.17 -2.58	23.62 0.09 0.00	25.92 0.03 0.00	36.49 0.07 -17.75	66.88 -0.03 -71.32	39.52 0.10 -10.45	31.80 0.04 -0.15	30.36 0.13 -10.39	39.25 0.09 -24.73	26.37 0.15 -7.13
BETHLEHEM___STEEL 23779	16.79 0.06 -4.82	20.58 -0.09 -2.19	24.27 -0.16 1.32	14.29 -0.30 11.27	7.95 -0.34 8.29	4.43 -0.14 2.50	16.74 -0.65 13.80	6.30 -0.10 0.60	4.82 0.07 -5.36	2.38 0.19 -15.89	33.35 0.13 -56.35	8.71 -0.27 -18.67	21.03 0.05 -5.12	21.25 -0.67 -2.23	20.14 -0.69 0.63	18.88 -0.63 4.02	14.11 -0.73 11.06	10.14 -0.49 8.04	5.50 0.10 -9.81	18.98 -0.88 9.11	17.36 -0.58 13.67	11.59 -0.29 7.98	9.82 -0.20 4.41	11.19 -0.20 7.70
BETHPAGE_CC_5 323564	34.35 0.93 -21.51	29.65 1.41 -9.76	28.14 2.06 -0.32	28.05 1.97 -0.23	25.18 1.34 -7.24	31.06 0.46 -23.53	35.37 2.24 -1.94	41.83 0.51 -34.34	57.11 -0.03 -57.75	63.17 -0.85 -77.73	316.50 -1.69 -341.32	66.28 -0.63 -76.60	43.24 1.18 -26.21	129.56 1.73 -108.14	30.66 1.67 -7.53	27.40 1.77 -2.10	27.42 1.53 0.00	33.22 1.27 -13.28	48.70 -0.28 -53.39	38.85 2.05 -7.82	34.31 2.59 -0.11	29.28 1.66 -7.76	34.08 1.20 -18.45	27.63 1.82 -6.72
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.87 0.10 -4.87	20.65 -0.04 -2.21	24.40 -0.09 1.26	14.82 -0.24 10.80	8.42 -0.30 7.86	4.83 -0.13 2.11	17.42 -0.57 13.20	6.75 -0.08 0.17	5.28 0.07 -5.82	2.61 0.15 -16.16	33.70 0.06 -56.76	8.82 -0.29 -18.80	21.10 0.09 -5.16	21.32 -0.61 -2.25	20.24 -0.65 0.58	19.11 -0.59 3.84	14.66 -0.67 10.56	10.71 -0.45 7.50	5.74 0.09 -10.06	19.55 -0.82 8.60	18.04 -0.52 13.05	12.09 -0.25 7.52	10.27 -0.17 3.98	11.64 -0.17 7.29
BINGHAMTON___COGEN 23790	21.44 0.30 -9.24	23.08 0.40 -4.19	26.60 0.71 -0.14	26.50 0.55 -0.10	20.05 0.33 -3.13	17.61 0.10 -10.44	32.48 0.43 -0.86	22.34 0.11 -15.23	24.93 0.02 -25.53	20.64 -0.15 -34.49	79.26 -0.22 -102.61	24.13 -0.17 -33.99	25.34 0.15 -9.33	23.84 0.09 -4.06	22.49 0.17 -0.86	23.91 0.38 0.00	26.30 0.40 0.00	24.90 0.34 -5.89	19.20 -0.08 -23.69	32.98 0.53 -3.47	32.37 0.71 -0.05	23.81 0.54 -3.42	22.77 0.42 -7.92	22.00 0.63 -2.28
BLACK RIVER___HYD 24047	12.98 -0.47 -1.55	18.49 -0.70 -0.70	24.77 -1.01 -0.02	24.77 -1.10 -0.02	16.66 -0.46 -0.53	8.86 -0.27 -2.06	29.93 -1.43 -0.17	9.63 -0.36 -3.00	4.43 0.01 -5.03	-6.11 0.79 -6.80	-0.80 1.93 -20.40	-1.74 0.62 -7.34	18.38 -1.06 -3.59	15.38 -1.40 2.91	22.11 -1.52 -2.17	23.95 -1.67 -2.08	27.02 -1.06 -2.19	20.97 -0.72 -3.02	0.87 0.21 -5.07	28.57 -1.09 -0.68	31.18 -1.04 -0.61	19.79 -0.86 -0.80	15.40 -0.61 -1.58	18.79 -0.81 -0.51
BLISS_WT_PWR 323608	17.25 0.17 -5.17	20.74 -0.09 -2.35	24.78 -0.17 0.80	18.09 -0.67 7.09	11.47 -0.61 4.52	7.64 -0.33 -0.90	21.71 -0.96 8.52	10.08 -0.15 -3.24	8.94 0.11 -9.44	5.05 0.53 -18.23	37.27 0.43 -59.97	10.04 -0.14 -19.86	21.16 -0.15 -5.45	21.10 -0.96 -2.37	20.43 -0.90 0.13	20.11 -1.12 2.31	18.71 -0.84 6.34	14.71 -0.96 2.99	7.97 0.24 -12.14	23.01 -1.70 4.27	22.31 -1.48 7.82	15.47 -0.74 3.63	13.54 -0.47 0.41	14.77 -0.52 3.80
BLUE_CIRC_CHEM_DRP 24182	39.83 0.27 -27.66	31.44 0.41 -12.55	26.74 0.58 -0.41	26.66 0.51 -0.29	26.25 0.35 -9.31	37.37 0.11 -30.19	34.17 0.49 -2.49	51.16 0.12 -44.05	73.18 -0.01 -73.80	85.81 -0.21 -99.71	273.17 -0.36 -296.65	88.40 -0.19 -98.27	43.16 0.33 -26.97	31.81 0.38 -11.74	24.33 0.40 -2.48	23.92 0.38 0.00	26.27 0.38 0.00	36.03 0.33 -17.03	63.95 -0.09 -68.45	39.52 0.51 -10.03	32.29 0.54 -0.14	30.25 0.43 -9.97	38.48 0.33 -23.72	26.39 0.46 -6.84
BOC_GAS_DRP 24189	39.91 0.23 -27.77	31.43 0.36 -12.60	26.68 0.51 -0.41	26.60 0.45 -0.29	26.26 0.32 -9.35	37.48 0.10 -30.31	34.12 0.43 -2.50	51.32 0.11 -44.22	73.47 -0.01 -74.09	86.23 -0.18 -100.11	274.41 -0.29 -297.83	88.82 -0.15 -98.66	43.22 0.29 -27.08	31.88 0.40 -11.79	24.34 0.39 -2.48	23.91 0.37 0.00	26.25 0.35 0.00	36.09 0.32 -17.10	64.24 -0.08 -68.73	39.54 0.50 -10.07	32.33 0.57 -0.14	30.29 0.44 -10.01	38.56 0.32 -23.82	26.44 0.48 -6.87
BORALEX_4TH_BRANCH 23824	42.29 0.56 -29.83	32.84 0.82 -13.54	27.31 1.12 -0.44	27.17 1.00 -0.31	27.27 0.64 -10.04	39.87 0.26 -32.53	34.74 0.86 -2.69	54.70 0.23 -47.47	78.88 -0.04 -79.53	93.24 -0.53 -107.47	295.56 -1.03 -319.71	95.69 -0.53 -105.91	45.89 0.97 -29.07	33.29 0.95 -12.66	25.16 1.03 -2.67	24.48 0.95 0.00	26.82 0.93 0.00	37.66 0.64 -18.36	69.20 -0.16 -73.77	40.59 0.80 -10.81	32.48 0.71 -0.15	31.22 0.63 -10.74	40.51 0.50 -25.58	27.11 0.65 -7.38
BOWLINE___1 23526	33.54 0.60 -21.04	28.93 0.91 -9.55	27.37 1.31 -0.31	27.31 1.23 -0.22	24.53 0.85 -7.09	30.40 0.30 -23.02	34.46 1.38 -1.90	40.88 0.30 -33.59	55.64 -0.02 -56.27	61.73 -0.60 -76.03	201.98 -1.09 -226.20	64.78 -0.47 -74.93	37.22 0.80 -20.56	29.74 1.09 -8.95	24.42 1.08 -1.89	24.62 1.09 0.00	26.99 1.09 0.00	32.59 0.93 -12.99	47.62 -0.20 -52.23	38.12 1.49 -7.65	33.50 1.78 -0.11	28.63 1.18 -7.60	33.31 0.84 -18.04	25.53 1.23 -5.20
BOWLINE___2 23595	33.55 0.60 -21.04	28.93 0.91 -9.55	27.37 1.31 -0.31	27.31 1.23 -0.22	24.53 0.86 -7.09	30.40 0.30 -23.02	34.46 1.38 -1.90	40.89 0.30 -33.59	55.65 -0.02 -56.27	61.74 -0.60 -76.04	202.00 -1.09 -226.21	64.78 -0.47 -74.94	37.22 0.80 -20.57	29.74 1.10 -8.95	24.42 1.08 -1.89	24.62 1.09 0.00	26.99 1.10 0.00	32.59 0.93 -12.99	47.63 -0.20 -52.23	38.12 1.49 -7.65	33.50 1.78 -0.11	28.63 1.18 -7.60	33.32 0.84 -18.05	25.53 1.23 -5.20
BRANSCOMB___SOLAR 323811	43.74 0.45 -31.39	33.38 0.66 -14.24	27.07 0.85 -0.47	26.97 0.78 -0.33	27.67 0.51 -10.57	41.51 0.21 -34.23	34.86 0.85 -2.83	57.15 0.21 -49.94	83.03 -0.03 -83.67	98.93 -0.43 -113.05	312.39 -0.83 -336.34	101.31 -0.42 -111.42	47.01 0.57 -30.58	33.42 0.42 -13.31	24.74 0.47 -2.81	24.02 0.49 0.00	26.37 0.47 0.00	38.42 0.44 -19.31	73.06 -0.14 -77.61	41.14 0.79 -11.37	32.40 0.63 -0.16	31.73 0.58 -11.30	41.78 0.43 -26.92	27.33 0.47 -7.76
BROOKHAVEN___DRP 24191	34.23 0.81 -21.51	29.52 1.27 -9.76	27.98 1.90 -0.32	27.98 1.90 -0.23	25.13 1.29 -7.24	31.02 0.42 -23.53	35.32 2.19 -1.94	41.80 0.47 -34.34	57.11 -0.03 -57.75	63.37 -0.65 -77.73	316.81 -1.39 -341.32	66.43 -0.49 -76.60	43.08 1.01 -26.21	129.33 1.50 -108.14	30.38 1.39 -7.53	27.21 1.57 -2.10	27.10 1.20 0.00	32.99 1.05 -13.28	48.75 -0.23 -53.39	38.55 1.75 -7.82	33.94 2.22 -0.11	29.05 1.43 -7.76	33.99 1.11 -18.45	27.54 1.73 -6.72



BROOKLYN_NAVY_YARD 23515	34.05 0.64 -21.51	29.24 0.99 -9.76	27.54 1.46 -0.32	27.48 1.39 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.66 0.34 -34.33	56.89 -0.01 -57.51	63.38 -0.63 -77.71	206.97 -1.10 -231.19	66.44 -0.46 -76.59	37.68 0.81 -21.02	30.08 1.24 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.11 1.22 0.00	32.98 1.04 -13.28	48.78 -0.20 -53.38	38.37 1.57 -7.82	33.67 1.95 -0.11	28.92 1.31 -7.76	33.81 0.94 -18.45	25.77 1.36 -5.32
BROOKLYN___ARMY_DRP 323595	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
BROOME_2_LFGE 323671	21.44 0.30 -9.24	23.08 0.40 -4.19	26.60 0.71 -0.14	26.50 0.55 -0.10	20.05 0.33 -3.13	17.61 0.10 -10.44	32.48 0.43 -0.86	22.34 0.11 -15.23	24.93 0.02 -25.53	20.64 -0.15 -34.49	79.26 -0.22 -102.61	24.13 -0.17 -33.99	25.34 0.15 -9.33	23.84 0.09 -4.06	22.49 0.17 -0.86	23.91 0.38 0.00	26.30 0.40 0.00	24.90 0.34 -5.89	19.20 -0.08 -23.69	32.98 0.53 -3.47	32.37 0.71 -0.05	23.81 0.54 -3.42	22.77 0.42 -7.92	22.00 0.63 -2.28
BROOME___LFGE 323600	21.44 0.30 -9.24	23.08 0.40 -4.19	26.60 0.71 -0.14	26.50 0.55 -0.10	20.05 0.33 -3.13	17.61 0.10 -10.44	32.48 0.43 -0.86	22.34 0.11 -15.23	24.93 0.02 -25.53	20.64 -0.15 -34.49	79.26 -0.22 -102.61	24.13 -0.17 -33.99	25.34 0.15 -9.33	23.84 0.09 -4.06	22.49 0.17 -0.86	23.91 0.38 0.00	26.30 0.40 0.00	24.90 0.34 -5.89	19.20 -0.08 -23.69	32.98 0.53 -3.47	32.37 0.71 -0.05	23.81 0.54 -3.42	22.77 0.42 -7.92	22.00 0.63 -2.28
BURROWS___LYONSDAL 23803	12.83 -0.06 -0.99	18.84 -0.09 -0.45	25.67 -0.10 -0.02	25.66 -0.20 -0.01	16.94 0.02 -0.34	8.31 -0.05 -1.28	30.92 -0.38 -0.11	8.76 -0.11 -1.87	2.52 -0.01 -3.14	-9.22 0.24 -4.24	-9.82 0.61 -12.70	-4.98 0.17 -4.53	17.78 -0.19 -2.12	26.21 -0.32 -6.84	22.37 -0.31 -1.22	24.40 -0.30 -1.16	27.06 -0.06 -1.23	20.36 -0.07 -1.77	-1.25 0.03 -3.13	29.35 -0.06 -0.43	31.96 0.00 -0.34	20.24 -0.10 -0.49	15.37 -0.05 -0.99	19.33 -0.07 -0.32
CAITHNESS_CC_1 323624	34.25 0.83 -21.51	29.53 1.29 -9.76	27.98 1.90 -0.32	27.97 1.89 -0.23	25.11 1.28 -7.24	31.02 0.42 -23.53	35.29 2.16 -1.94	41.80 0.47 -34.34	57.11 -0.03 -57.75	63.36 -0.67 -77.73	316.78 -1.41 -341.32	66.42 -0.50 -76.60	43.08 1.02 -26.21	129.34 1.52 -108.14	30.41 1.42 -7.53	27.21 1.58 -2.10	27.11 1.22 0.00	33.00 1.05 -13.28	48.75 -0.23 -53.39	38.56 1.76 -7.82	33.97 2.25 -0.11	29.07 1.45 -7.76	33.99 1.12 -18.45	27.54 1.73 -6.72
CALPINE BETH_PAGE_GT4 24209	34.35 0.93 -21.51	29.66 1.42 -9.76	28.14 2.07 -0.32	28.05 1.97 -0.23	25.18 1.35 -7.24	31.07 0.46 -23.53	35.37 2.24 -1.94	41.83 0.51 -34.34	57.10 -0.04 -57.75	63.16 -0.87 -77.73	316.49 -1.70 -341.32	66.27 -0.64 -76.60	43.24 1.18 -26.21	129.56 1.73 -108.14	30.67 1.67 -7.53	27.40 1.77 -2.10	27.42 1.53 0.00	33.20 1.25 -13.28	48.71 -0.28 -53.39	38.82 2.02 -7.82	34.28 2.56 -0.11	29.25 1.63 -7.76	34.06 1.18 -18.45	27.63 1.83 -6.72
CALPINE_BETH_PAGE_GT_4 323586	34.35 0.93 -21.51	29.66 1.42 -9.76	28.14 2.07 -0.32	28.05 1.97 -0.23	25.18 1.35 -7.24	31.07 0.46 -23.53	35.37 2.24 -1.94	41.83 0.51 -34.34	57.10 -0.04 -57.75	63.16 -0.87 -77.73	316.49 -1.70 -341.32	66.27 -0.64 -76.60	43.24 1.18 -26.21	129.56 1.73 -108.14	30.67 1.67 -7.53	27.40 1.77 -2.10	27.42 1.53 0.00	33.20 1.25 -13.28	48.71 -0.28 -53.39	38.82 2.02 -7.82	34.28 2.56 -0.11	29.25 1.63 -7.76	34.06 1.18 -18.45	27.63 1.83 -6.72
CALPINE_BP_GT1 23823	34.35 0.93 -21.51	29.66 1.42 -9.76	28.14 2.07 -0.32	28.05 1.97 -0.23	25.18 1.35 -7.24	31.07 0.46 -23.53	35.37 2.24 -1.94	41.83 0.51 -34.34	57.10 -0.04 -57.75	63.16 -0.87 -77.73	316.49 -1.70 -341.32	66.27 -0.64 -76.60	43.24 1.18 -26.21	129.56 1.73 -108.14	30.67 1.67 -7.53	27.40 1.77 -2.10	27.42 1.53 0.00	33.20 1.25 -13.28	48.71 -0.28 -53.39	38.82 2.02 -7.82	34.28 2.56 -0.11	29.25 1.63 -7.76	34.06 1.18 -18.45	27.63 1.83 -6.72
CALSPAN___DRP 24200	16.79 0.06 -4.82	20.58 -0.09 -2.19	24.27 -0.16 1.32	14.29 -0.30 11.27	7.95 -0.34 8.29	4.43 -0.14 2.50	16.74 -0.65 13.80	6.30 -0.10 0.60	4.82 0.07 -5.36	2.38 0.19 -15.89	33.35 0.13 -56.35	8.71 -0.27 -18.67	21.03 0.05 -5.12	21.25 -0.67 -2.23	20.14 -0.69 0.63	18.88 -0.63 4.02	14.11 -0.73 11.06	10.14 -0.49 8.04	5.50 0.10 -9.81	18.98 -0.88 9.11	17.36 -0.58 13.67	11.59 -0.29 7.98	9.82 -0.20 4.41	11.19 -0.20 7.70
CALVERTON___SOLAR 323806	34.24 0.82 -21.51	29.53 1.29 -9.76	28.00 1.93 -0.32	28.03 1.94 -0.23	25.15 1.31 -7.24	31.04 0.43 -23.53	35.40 2.27 -1.94	41.82 0.49 -34.34	57.11 -0.03 -57.75	63.36 -0.67 -77.73	316.77 -1.41 -341.32	66.42 -0.49 -76.60	43.10 1.03 -26.21	129.35 1.52 -108.14	30.40 1.40 -7.53	27.24 1.60 -2.10	27.11 1.22 0.00	33.00 1.06 -13.28	48.75 -0.24 -53.39	38.58 1.78 -7.82	33.97 2.25 -0.11	29.07 1.46 -7.76	34.01 1.13 -18.45	27.56 1.76 -6.72
CANDIGU_WT_PWR 323617	18.26 -0.01 -6.36	21.24 -0.13 -2.89	17.96 -0.10 7.69	-37.77 -0.44 63.19	-37.09 -0.34 53.33	-31.64 -0.18 38.54	-48.58 -0.76 79.00	-32.43 -0.15 39.28	-30.82 0.06 30.27	-5.93 0.42 -7.35	50.04 0.69 -72.49	14.38 0.06 -24.01	22.08 -0.37 -6.59	21.72 -0.83 -2.87	15.21 -0.83 5.41	1.10 -0.44 22.00	-35.18 -0.56 60.51	-39.19 -0.39 57.47	-4.83 0.09 0.51	-29.45 -0.60 57.83	-43.82 -0.53 74.91	-31.81 -0.24 51.43	-27.03 -0.17 41.30	-28.18 -0.14 47.14
CARR STREET_E_SYR 24060	14.63 0.05 -2.67	19.72 0.03 -1.21	25.83 0.03 -0.04	25.85 -0.04 -0.03	17.46 -0.05 -0.92	10.42 -0.08 -3.42	31.16 -0.31 -0.28	11.94 -0.05 -5.00	7.78 0.02 -8.37	-2.27 0.12 -11.31	10.77 0.25 -33.65	1.49 0.03 -11.14	18.75 -0.17 -3.06	20.68 -0.34 -1.33	21.40 -0.34 -0.28	23.29 -0.25 0.00	25.65 -0.24 0.00	20.46 -0.14 -1.93	3.37 0.02 -7.77	29.92 -0.19 -1.14	31.50 -0.13 -0.02	20.97 0.03 -1.09	16.76 0.04 -2.29	19.82 0.06 -0.66
CARTHAGE___PAPER 23857	12.88 -0.41 -1.39	18.53 -0.58 -0.63	24.97 -0.81 -0.02	24.98 -0.89 -0.02	16.74 -0.33 -0.48	8.71 -0.21 -1.85	30.14 -1.21 -0.15	9.38 -0.32 -2.70	3.91 -0.01 -4.52	-6.90 0.69 -6.11	-3.06 1.71 -18.36	-2.38 0.55 -6.76	18.64 -0.90 -3.68	14.84 -1.19 3.66	22.67 -1.28 -2.48	24.55 -1.41 -2.43	27.59 -0.86 -2.55	21.28 -0.60 -3.22	0.42 0.18 -4.66	28.75 -0.84 -0.61	31.51 -0.81 -0.71	19.87 -0.73 -0.76	15.41 -0.50 -1.49	18.91 -0.68 -0.50
CASSADAGA_WT_PWR 323784	17.00 -0.01 -5.11	20.46 -0.34 -2.32	24.28 -0.55 0.92	17.04 -0.74 8.07	10.63 -0.57 5.39	7.03 -0.17 -0.12	20.76 -0.67 9.75	9.22 -0.13 -2.36	8.03 0.10 -8.53	4.20 0.16 -17.74	36.12 -0.06 -59.30	9.63 -0.32 -19.64	21.28 0.03 -5.39	21.35 -0.69 -2.35	21.01 -0.19 0.26	20.27 -0.51 2.75	17.45 -0.88 7.57	13.98 -0.39 4.30	7.24 0.07 -11.58	22.65 -0.80 5.53	21.66 -0.60 9.35	14.81 -0.27 4.76	12.77 -0.21 1.44	14.15 -0.12 4.82



CE_DUNWOOD___DRP 24194	34.01 0.65 -21.47	29.21 0.99 -9.74	27.49 1.42 -0.32	27.42 1.33 -0.23	24.74 0.93 -7.23	30.88 0.33 -23.48	34.62 1.49 -1.94	41.58 0.33 -34.26	56.76 -0.02 -57.39	63.21 -0.64 -77.55	206.41 -1.17 -230.71	66.24 -0.49 -76.43	37.69 0.86 -20.98	30.04 1.21 -9.13	24.58 1.20 -1.93	24.75 1.21 0.00	27.11 1.22 0.00	32.93 1.02 -13.25	48.65 -0.21 -53.27	38.38 1.60 -7.81	33.65 1.93 -0.11	28.87 1.28 -7.75	33.74 0.91 -18.41	25.72 1.32 -5.31
CE_MILLWOOD___DRP 24193	33.93 0.62 -21.41	29.15 0.95 -9.72	27.44 1.36 -0.32	27.36 1.28 -0.22	24.69 0.89 -7.21	30.81 0.32 -23.42	34.55 1.43 -1.93	41.48 0.32 -34.17	56.62 -0.02 -57.25	63.04 -0.62 -77.36	205.89 -1.13 -230.14	66.07 -0.48 -76.24	37.61 0.83 -20.92	29.96 1.16 -9.11	24.53 1.15 -1.92	24.69 1.16 0.00	27.05 1.16 0.00	32.86 0.98 -13.22	48.53 -0.21 -53.14	38.30 1.54 -7.79	33.57 1.85 -0.11	28.80 1.23 -7.73	33.67 0.88 -18.36	25.66 1.28 -5.29
CE_NYC2_DRP 24202	34.12 0.70 -21.51	29.34 1.11 -9.76	27.67 1.60 -0.32	27.57 1.48 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.20 -231.20	66.40 -0.50 -76.59	37.78 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.27 1.37 0.00	33.09 1.14 -13.28	48.75 -0.23 -53.38	38.52 1.72 -7.82	33.85 2.13 -0.11	29.03 1.42 -7.76	33.88 1.00 -18.45	25.87 1.46 -5.32
CE_NYC_DRP 24195	34.10 0.69 -21.51	29.31 1.07 -9.76	27.63 1.56 -0.32	27.55 1.46 -0.23	24.86 1.02 -7.24	30.96 0.36 -23.53	34.76 1.63 -1.94	41.68 0.35 -34.33	56.88 -0.02 -57.51	63.34 -0.67 -77.71	206.86 -1.20 -231.19	66.40 -0.50 -76.59	37.76 0.88 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.22 1.33 0.00	33.06 1.12 -13.28	48.75 -0.22 -53.38	38.49 1.69 -7.82	33.81 2.09 -0.11	29.00 1.38 -7.76	33.86 0.99 -18.45	25.84 1.43 -5.32
CHAFFEE___LFGE 323603	16.96 0.08 -4.98	20.66 -0.08 -2.26	24.52 -0.15 1.09	16.15 -0.32 9.38	9.65 -0.36 6.58	5.96 -0.16 0.96	19.12 -0.66 11.40	8.03 -0.10 -1.14	6.68 0.07 -7.21	3.47 0.22 -16.95	35.01 0.15 -57.99	9.27 -0.25 -19.21	21.16 0.03 -5.27	21.29 -0.69 -2.30	20.31 -0.73 0.42	19.48 -0.76 3.30	16.04 -0.79 9.06	12.17 -0.59 5.90	6.52 0.12 -10.80	20.89 -1.02 7.07	19.68 -0.73 11.20	13.34 -0.37 6.14	11.46 -0.25 2.72	12.76 -0.28 6.05
CHATEAUG_WT_PWR 323614	12.01 0.10 0.00	18.68 0.20 0.00	25.88 0.13 0.00	25.97 0.11 0.00	16.69 0.10 0.00	7.15 0.08 0.00	31.35 0.16 0.00	7.08 0.08 0.00	-0.69 -0.08 0.00	-13.67 0.02 0.00	-26.07 0.43 3.37	-22.51 0.40 13.22	-21.19 -0.64 36.40	-21.21 -0.80 40.09	-21.22 -0.96 41.72	-21.16 -1.22 43.47	-21.18 -1.34 45.73	-21.10 -0.97 38.80	-12.25 0.14 7.98	28.30 -0.67 0.00	18.06 -1.10 12.45	15.85 -0.91 3.09	8.50 -0.64 5.28	15.40 -0.95 2.74
CHAT_HIGH_FALL_HYD 323578	12.02 0.12 0.00	18.70 0.22 0.00	25.91 0.16 0.00	26.01 0.15 0.00	16.71 0.12 0.00	7.17 0.09 0.00	31.38 0.19 0.00	7.08 0.09 0.00	-0.68 -0.07 0.00	-13.71 -0.01 0.00	-26.38 0.36 3.61	-23.49 0.32 14.13	-23.63 -0.59 38.90	-23.75 -0.72 42.73	-23.97 -0.85 44.58	-24.01 -1.09 46.45	-24.16 -1.19 48.87	-23.66 -0.86 41.46	-12.83 0.12 8.55	28.38 -0.60 0.00	17.30 -0.99 13.32	15.71 -0.84 3.30	8.19 -0.59 5.64	15.29 -0.87 2.93
CHAUTAUQUA___LFGE 323629	17.03 0.13 -5.00	20.71 -0.04 -2.27	24.55 -0.04 1.16	15.64 -0.23 9.98	9.22 -0.26 7.10	5.61 -0.09 1.37	18.65 -0.38 12.16	7.63 -0.05 -0.69	6.26 0.07 -6.80	3.22 0.07 -16.85	34.89 -0.15 -58.17	9.21 -0.37 -19.27	21.31 0.16 -5.29	21.51 -0.48 -2.30	20.72 -0.27 0.47	19.72 -0.33 3.49	15.79 -0.51 9.59	12.05 -0.19 6.43	6.32 0.03 -10.70	20.89 -0.50 7.59	19.51 -0.24 11.85	13.20 -0.05 6.60	11.27 -0.05 3.11	12.66 0.04 6.47
CH_MIDHUDSON___DRP 24192	34.36 0.63 -21.83	29.34 0.96 -9.90	27.45 1.37 -0.33	27.37 1.29 -0.23	24.82 0.88 -7.35	31.26 0.32 -23.87	34.63 1.47 -1.97	42.16 0.33 -34.83	57.72 -0.02 -58.35	64.49 -0.65 -78.85	210.25 -1.19 -234.57	67.50 -0.51 -77.70	38.05 0.87 -21.33	30.16 1.19 -9.28	24.57 1.15 -1.96	24.69 1.15 0.00	27.06 1.16 0.00	33.13 0.99 -13.47	49.54 -0.21 -54.16	38.50 1.59 -7.94	33.61 1.88 -0.11	28.96 1.23 -7.88	34.02 0.87 -18.72	25.77 1.28 -5.40
CH_MISC_IPPS 23765	34.19 0.69 -21.60	29.32 1.05 -9.80	27.58 1.50 -0.32	27.50 1.41 -0.23	24.83 0.96 -7.27	31.05 0.36 -23.62	34.77 1.63 -1.95	41.84 0.37 -34.47	57.11 -0.03 -57.75	63.60 -0.73 -78.03	207.70 -1.31 -232.14	66.65 -0.56 -76.90	37.90 0.94 -21.10	30.12 1.24 -9.19	24.60 1.21 -1.94	24.77 1.24 0.00	27.17 1.28 0.00	33.08 1.08 -13.33	48.95 -0.24 -53.60	38.58 1.75 -7.86	33.77 2.05 -0.11	28.98 1.33 -7.79	33.90 0.95 -18.52	25.79 1.36 -5.34
CH_RES_BVR_FALLS 23983	11.29 -0.61 0.00	17.68 -0.79 0.00	24.65 -1.10 0.00	24.69 -1.17 0.00	15.88 -0.71 0.00	6.73 -0.34 0.00	29.42 -1.77 0.00	6.57 -0.42 0.00	-0.59 0.02 0.00	-12.94 0.76 0.00	-21.93 1.20 0.00	-9.10 0.58 0.00	14.94 -0.92 0.00	15.42 -1.06 3.21	20.43 -1.03 0.00	22.54 -1.00 0.00	25.35 -0.54 0.00	17.98 -0.68 0.00	-4.16 0.25 0.00	27.83 -1.15 0.00	30.18 -1.43 0.00	18.72 -1.12 0.00	13.67 -0.75 0.00	17.98 -1.11 0.00
CH_RES_NIAGARA 23895	16.06 -0.30 -4.45	19.84 -0.66 -2.02	23.78 -0.97 1.01	16.22 -0.96 8.68	9.67 -0.78 6.14	5.73 -0.33 1.01	19.09 -1.53 10.56	7.57 -0.29 -0.87	5.85 0.10 -6.36	2.02 0.45 -15.26	29.82 0.54 -52.41	7.58 -0.09 -17.36	20.34 -0.28 -4.77	20.49 -1.26 -2.06	19.64 -1.41 0.40	18.95 -1.50 3.08	15.64 -1.78 8.47	11.82 -1.22 5.62	5.52 0.26 -9.66	20.28 -2.03 6.66	19.29 -1.86 10.46	13.03 -1.02 5.80	10.99 -0.72 2.72	12.41 -0.98 5.70
CH_RES_SYRACUSE 23985	14.98 0.10 -2.97	19.94 0.11 -1.35	25.92 0.12 -0.04	25.95 0.06 -0.03	17.62 0.00 -1.02	10.81 -0.05 -3.79	31.32 -0.19 -0.31	12.50 -0.02 -5.53	8.67 0.01 -9.27	-1.11 0.07 -12.52	14.31 0.19 -37.25	2.67 0.01 -12.34	19.10 -0.14 -3.39	20.88 -0.29 -1.47	21.49 -0.28 -0.31	23.36 -0.17 0.00	25.74 -0.15 0.00	20.73 -0.08 -2.14	4.19 0.00 -8.60	30.16 -0.07 -1.26	31.64 0.01 -0.02	21.17 0.12 -1.21	17.08 0.11 -2.55	19.98 0.15 -0.74
CLINTON_WT_PWR 323605	12.01 0.10 0.00	18.68 0.20 0.00	25.88 0.13 0.00	25.97 0.11 0.00	16.69 0.10 0.00	7.15 0.08 0.00	31.35 0.16 0.00	7.08 0.08 0.00	-0.69 -0.08 0.00	-13.67 0.02 0.00	-26.07 0.43 3.37	-22.51 0.40 13.22	-21.19 -0.64 36.40	-21.21 -0.80 40.09	-21.22 -0.96 41.72	-21.16 -1.22 43.47	-21.18 -1.34 45.73	-21.10 -0.97 38.80	-12.25 0.14 7.98	28.30 -0.67 0.00	18.06 -1.10 12.45	15.85 -0.91 3.09	8.50 -0.64 5.28	15.40 -0.95 2.74
CLINTON___LFGE 323618	12.16 0.26 0.00	18.91 0.43 0.00	26.20 0.45 0.00	26.28 0.43 0.00	16.90 0.31 0.00	7.25 0.18 0.00	31.76 0.57 0.00	7.18 0.18 0.00	-0.70 -0.09 0.00	-13.91 -0.21 0.00	-26.56 0.00 3.44	-22.99 0.16 13.46	-21.65 -0.45 37.05	-21.71 -0.62 40.78	-21.72 -0.71 42.47	-21.67 -0.96 44.25	-21.74 -1.08 46.55	-21.56 -0.73 39.49	-12.45 0.09 8.13	28.62 -0.36 0.00	18.15 -0.78 12.68	16.02 -0.68 3.15	8.57 -0.48 5.38	15.53 -0.77 2.79



COLONIE_LFGE__ 323577	42.88 0.37 -30.61	32.91 0.54 -13.89	26.93 0.72 -0.45	26.82 0.64 -0.32	27.32 0.43 -10.30	40.62 0.16 -33.38	34.51 0.56 -2.76	55.86 0.15 -48.71	80.96 -0.03 -81.60	96.22 -0.34 -110.26	304.22 -0.67 -328.02	98.62 -0.35 -108.66	46.27 0.59 -29.82	33.21 0.53 -12.98	24.79 0.59 -2.74	24.07 0.54 0.00	26.41 0.51 0.00	37.91 0.41 -18.84	71.16 -0.11 -75.69	40.65 0.58 -11.09	32.26 0.49 -0.16	31.34 0.47 -11.02	41.03 0.35 -26.25	27.10 0.44 -7.57
COPENHAGEN_WT_PWR 323753	12.96 -0.57 -1.62	18.39 -0.83 -0.74	24.59 -1.19 -0.02	24.58 -1.29 -0.02	16.62 -0.53 -0.56	8.92 -0.32 -2.16	29.69 -1.68 -0.18	9.71 -0.43 -3.16	4.69 0.01 -5.28	-5.64 0.92 -7.14	0.37 2.10 -21.40	-1.42 0.64 -7.62	18.25 -1.14 -3.53	15.66 -1.49 2.54	21.86 -1.62 -2.02	23.65 -1.80 -1.91	26.73 -1.18 -2.01	20.76 -0.84 -2.93	1.11 0.25 -5.27	28.35 -1.34 -0.72	30.90 -1.28 -0.56	19.63 -1.03 -0.82	15.31 -0.74 -1.62	18.65 -0.96 -0.52
CORNELL____ 23752	18.73 0.39 -6.44	21.95 0.54 -2.92	27.14 0.80 -0.59	30.59 0.67 -4.06	22.68 0.41 -5.69	17.55 0.13 -10.34	37.40 0.59 -5.62	21.18 0.16 -14.03	20.67 0.00 -21.27	11.74 -0.27 -25.71	49.96 -0.21 -73.30	14.47 -0.12 -24.28	22.58 0.06 -6.66	22.56 -0.03 -2.90	22.50 0.04 -0.99	25.18 0.26 -1.39	30.21 0.47 -3.85	27.16 0.39 -8.11	13.50 -0.11 -18.02	35.96 0.69 -6.30	37.25 0.86 -4.78	26.31 0.61 -5.85	23.38 0.46 -8.50	24.43 0.64 -4.69
COXSACKIE____GT 23611	39.15 0.62 -26.63	31.47 0.91 -12.08	27.28 1.13 -0.40	27.21 1.07 -0.28	26.23 0.67 -8.96	36.41 0.27 -29.07	34.86 1.27 -2.40	49.73 0.32 -42.42	70.41 -0.04 -71.06	81.67 -0.65 -96.02	261.48 -1.05 -285.66	84.45 -0.49 -94.63	42.62 0.80 -25.97	31.47 0.48 -11.31	24.32 0.48 -2.38	24.03 0.50 0.00	26.39 0.50 0.00	35.56 0.49 -16.40	61.31 -0.20 -65.92	40.00 1.36 -9.66	33.07 1.32 -0.13	30.36 0.92 -9.60	37.93 0.66 -22.83	26.46 0.78 -6.58
CPV_VALLEY____CC1 323721	31.76 0.44 -19.41	27.96 0.67 -8.81	27.02 0.98 -0.29	26.96 0.90 -0.20	23.77 0.64 -6.54	28.54 0.21 -21.25	33.92 0.97 -1.76	38.22 0.21 -31.01	51.33 -0.02 -51.96	56.08 -0.42 -70.20	184.96 -0.77 -208.86	59.17 -0.33 -69.19	35.41 0.57 -18.99	28.76 0.80 -8.27	23.98 0.78 -1.74	24.32 0.79 0.00	26.68 0.78 0.00	31.34 0.68 -11.99	43.67 -0.14 -48.22	37.13 1.09 -7.07	33.02 1.32 -0.10	27.75 0.89 -7.01	31.72 0.64 -16.65	24.85 0.96 -4.80
CPV_VALLEY____CC2 323722	31.76 0.44 -19.41	27.96 0.67 -8.81	27.02 0.98 -0.29	26.96 0.90 -0.20	23.77 0.64 -6.54	28.54 0.21 -21.25	33.92 0.97 -1.76	38.22 0.21 -31.01	51.33 -0.02 -51.96	56.08 -0.42 -70.20	184.96 -0.77 -208.86	59.17 -0.33 -69.19	35.41 0.57 -18.99	28.76 0.80 -8.27	23.98 0.78 -1.74	24.32 0.79 0.00	26.68 0.78 0.00	31.34 0.68 -11.99	43.67 -0.14 -48.22	37.13 1.09 -7.07	33.02 1.32 -0.10	27.75 0.89 -7.01	31.72 0.64 -16.65	24.85 0.96 -4.80
CRESCENT____HYD 24018	42.88 0.37 -30.61	32.91 0.54 -13.89	26.93 0.72 -0.45	26.82 0.64 -0.32	27.32 0.43 -10.30	40.62 0.16 -33.38	34.51 0.56 -2.76	55.86 0.15 -48.71	80.96 -0.03 -81.60	96.22 -0.34 -110.26	304.22 -0.67 -328.02	98.62 -0.35 -108.66	46.27 0.59 -29.82	33.21 0.53 -12.98	24.79 0.59 -2.74	24.07 0.54 0.00	26.41 0.51 0.00	37.91 0.41 -18.84	71.16 -0.11 -75.69	40.65 0.58 -11.09	32.26 0.49 -0.16	31.34 0.47 -11.02	41.03 0.35 -26.25	27.10 0.44 -7.57
CRICKET____VALLEY_CC1 323756	34.80 0.44 -22.46	29.34 0.67 -10.19	27.05 0.96 -0.33	26.96 0.86 -0.24	24.77 0.61 -7.56	31.84 0.21 -24.56	34.17 0.96 -2.03	43.06 0.22 -35.84	59.41 -0.02 -60.04	66.96 -0.47 -81.12	217.34 -0.88 -241.35	69.87 -0.39 -79.95	38.50 0.71 -21.94	30.22 0.97 -9.55	24.42 0.94 -2.01	24.42 0.88 0.00	26.72 0.83 0.00	33.23 0.71 -13.86	51.18 -0.15 -55.73	38.27 1.13 -8.17	33.04 1.32 -0.11	28.83 0.88 -8.11	34.32 0.63 -19.27	25.62 0.98 -5.55
CRICKET____VALLEY_CC2 323757	34.80 0.44 -22.46	29.34 0.67 -10.19	27.05 0.96 -0.33	26.96 0.86 -0.24	24.77 0.61 -7.56	31.84 0.21 -24.56	34.17 0.96 -2.03	43.06 0.22 -35.84	59.41 -0.02 -60.04	66.96 -0.47 -81.12	217.34 -0.88 -241.35	69.87 -0.39 -79.95	38.50 0.71 -21.94	30.22 0.97 -9.55	24.42 0.94 -2.01	24.42 0.88 0.00	26.72 0.83 0.00	33.23 0.71 -13.86	51.18 -0.15 -55.73	38.27 1.13 -8.17	33.04 1.32 -0.11	28.83 0.88 -8.11	34.32 0.63 -19.27	25.62 0.98 -5.55
CRICKET____VALLEY_CC3 323758	34.80 0.44 -22.46	29.34 0.67 -10.19	27.05 0.96 -0.33	26.96 0.86 -0.24	24.77 0.61 -7.56	31.84 0.21 -24.56	34.17 0.96 -2.03	43.06 0.22 -35.84	59.41 -0.02 -60.04	66.96 -0.47 -81.12	217.34 -0.88 -241.35	69.87 -0.39 -79.95	38.50 0.71 -21.94	30.22 0.97 -9.55	24.42 0.94 -2.01	24.42 0.88 0.00	26.72 0.83 0.00	33.23 0.71 -13.86	51.18 -0.15 -55.73	38.27 1.13 -8.17	33.04 1.32 -0.11	28.83 0.88 -8.11	34.32 0.63 -19.27	25.62 0.98 -5.55
CRUCIBLE_METL_DRP 24180	14.98 0.10 -2.97	19.94 0.11 -1.35	25.92 0.12 -0.04	25.95 0.06 -0.03	17.62 0.00 -1.02	10.81 -0.05 -3.79	31.32 -0.19 -0.31	12.50 -0.02 -5.53	8.67 0.01 -9.27	-1.11 0.07 -12.52	14.31 0.19 -37.25	2.67 0.01 -12.34	19.10 -0.14 -3.39	20.88 -0.29 -1.47	21.49 -0.28 -0.31	23.36 -0.17 0.00	25.74 -0.15 0.00	20.73 -0.08 -2.14	4.19 0.00 -8.60	30.16 -0.07 -1.26	31.64 0.01 -0.02	21.17 0.12 -1.21	17.08 0.11 -2.55	19.98 0.15 -0.74
DAHOWA____HYDRO 323763	43.86 0.45 -31.51	33.44 0.66 -14.30	27.07 0.84 -0.47	26.95 0.76 -0.33	27.71 0.51 -10.60	41.64 0.21 -34.36	34.89 0.87 -2.84	57.35 0.22 -50.13	83.35 -0.04 -83.99	99.36 -0.43 -113.49	313.67 -0.84 -337.63	101.73 -0.43 -111.85	47.11 0.55 -30.70	33.43 0.37 -13.37	24.70 0.43 -2.82	23.98 0.44 0.00	26.31 0.42 0.00	38.48 0.42 -19.39	73.36 -0.13 -77.91	41.18 0.78 -11.42	32.34 0.57 -0.16	31.76 0.56 -11.35	41.87 0.42 -27.03	27.33 0.44 -7.79
DANC____LFGE 323619	13.40 -0.40 -1.89	18.73 -0.60 -0.86	24.90 -0.88 -0.03	24.91 -0.97 -0.02	16.79 -0.45 -0.65	9.33 -0.27 -2.53	30.06 -1.33 -0.21	10.35 -0.33 -3.69	5.58 0.02 -6.17	-4.67 0.68 -8.34	3.31 1.53 -24.92	-0.59 0.48 -8.62	18.34 -0.87 -3.36	17.26 -1.19 1.25	21.65 -1.28 -1.47	23.48 -1.37 -1.32	26.28 -0.99 -1.39	20.58 -0.69 -2.60	1.75 0.18 -5.98	28.74 -1.08 -0.84	30.98 -1.02 -0.39	20.00 -0.73 -0.89	15.69 -0.52 -1.78	18.96 -0.67 -0.55
DANSKAMMER____1 23586	34.19 0.69 -21.60	29.32 1.05 -9.80	27.58 1.50 -0.32	27.50 1.41 -0.23	24.83 0.96 -7.27	31.05 0.36 -23.62	34.77 1.63 -1.95	41.84 0.37 -34.47	57.11 -0.03 -57.75	63.60 -0.73 -78.03	207.70 -1.31 -232.14	66.65 -0.56 -76.90	37.90 0.94 -21.10	30.12 1.24 -9.19	24.60 1.21 -1.94	24.77 1.24 0.00	27.17 1.28 0.00	33.08 1.08 -13.33	48.95 -0.24 -53.60	38.58 1.75 -7.86	33.77 2.05 -0.11	28.98 1.33 -7.79	33.90 0.95 -18.52	25.79 1.36 -5.34
DANSKAMMER____2 23589	34.19 0.69 -21.60	29.32 1.05 -9.80	27.58 1.50 -0.32	27.50 1.41 -0.23	24.83 0.96 -7.27	31.05 0.36 -23.62	34.77 1.63 -1.95	41.84 0.37 -34.47	57.11 -0.03 -57.75	63.60 -0.73 -78.03	207.70 -1.31 -232.14	66.65 -0.56 -76.90	37.90 0.94 -21.10	30.12 1.24 -9.19	24.60 1.21 -1.94	24.77 1.24 0.00	27.17 1.28 0.00	33.08 1.08 -13.33	48.95 -0.24 -53.60	38.58 1.75 -7.86	33.77 2.05 -0.11	28.98 1.33 -7.79	33.90 0.95 -18.52	25.79 1.36 -5.34



DANSKAMMER___3 23590	34.19 0.69 -21.60	29.32 1.05 -9.80	27.58 1.50 -0.32	27.50 1.41 -0.23	24.83 0.96 -7.27	31.05 0.36 -23.62	34.77 1.63 -1.95	41.84 0.37 -34.47	57.11 -0.03 -57.75	63.60 -0.73 -78.03	207.70 -1.31 -232.14	66.65 -0.56 -76.90	37.90 0.94 -21.10	30.12 1.24 -9.19	24.60 1.21 -1.94	24.77 1.24 0.00	27.17 1.28 0.00	33.08 1.08 -13.33	48.95 -0.24 -53.60	38.58 1.75 -7.86	33.77 2.05 -0.11	28.98 1.33 -7.79	33.90 0.95 -18.52	25.79 1.36 -5.34
DANSKAMMER___4 23591	34.19 0.69 -21.60	29.32 1.05 -9.80	27.58 1.50 -0.32	27.50 1.41 -0.23	24.83 0.96 -7.27	31.05 0.36 -23.62	34.77 1.63 -1.95	41.84 0.37 -34.47	57.11 -0.03 -57.75	63.60 -0.73 -78.03	207.70 -1.31 -232.14	66.65 -0.56 -76.90	37.90 0.94 -21.10	30.12 1.24 -9.19	24.60 1.21 -1.94	24.77 1.24 0.00	27.17 1.28 0.00	33.08 1.08 -13.33	48.95 -0.24 -53.60	38.58 1.75 -7.86	33.77 2.05 -0.11	28.98 1.33 -7.79	33.90 0.95 -18.52	25.79 1.36 -5.34
DANSKAMMER___DIESEL 23592	34.19 0.69 -21.60	29.32 1.05 -9.80	27.58 1.50 -0.32	27.50 1.41 -0.23	24.83 0.96 -7.27	31.05 0.36 -23.62	34.77 1.63 -1.95	41.84 0.37 -34.47	57.11 -0.03 -57.75	63.60 -0.73 -78.03	207.70 -1.31 -232.14	66.65 -0.56 -76.90	37.90 0.94 -21.10	30.12 1.24 -9.19	24.60 1.21 -1.94	24.77 1.24 0.00	27.17 1.28 0.00	33.08 1.08 -13.33	48.95 -0.24 -53.60	38.58 1.75 -7.86	33.77 2.05 -0.11	28.98 1.33 -7.79	33.90 0.95 -18.52	25.79 1.36 -5.34
DASHVILLE___HYD 23610	35.26 0.51 -22.84	29.62 0.78 -10.36	27.32 1.23 -0.34	27.24 1.14 -0.24	25.06 0.78 -7.69	32.31 0.27 -24.97	34.57 1.32 -2.06	43.71 0.28 -36.43	60.43 0.00 -61.04	68.27 -0.51 -82.48	221.34 -0.90 -245.37	71.23 -0.37 -81.28	38.85 0.69 -22.31	30.41 1.01 -9.71	24.47 0.96 -2.05	24.52 0.98 0.00	26.89 1.00 0.00	33.64 0.89 -14.09	52.06 -0.17 -56.64	38.72 1.45 -8.30	33.54 1.81 -0.12	29.22 1.13 -8.24	34.82 0.80 -19.59	25.96 1.22 -5.65
DELAWARE___LFGE 323621	24.90 0.53 -12.46	24.93 0.79 -5.65	27.12 1.18 -0.18	27.06 1.07 -0.13	21.50 0.71 -4.20	21.15 0.26 -13.82	33.47 1.14 -1.14	27.43 0.27 -20.17	33.17 -0.01 -33.79	31.49 -0.46 -45.65	111.95 -0.73 -135.81	34.97 -0.33 -44.99	28.71 0.51 -12.35	25.75 0.68 -5.38	23.30 0.70 -1.13	24.37 0.83 0.00	26.80 0.90 0.00	27.23 0.76 -7.80	26.77 -0.17 -31.36	34.80 1.23 -4.60	33.14 1.46 -0.06	25.36 0.97 -4.55	25.81 0.69 -10.69	23.18 1.01 -3.08
DOGLEVILLE___HYD 23807	11.64 -0.26 0.00	18.00 -0.48 0.00	25.08 -0.67 0.00	25.04 -0.82 0.00	16.05 -0.55 -0.02	7.26 -0.26 -0.45	29.94 -1.29 -0.04	7.39 -0.26 -0.66	0.49 -0.01 -1.11	-11.73 0.47 -1.50	-18.10 0.58 -4.45	-8.02 0.20 -1.47	15.48 -0.79 -0.40	19.44 -0.97 -0.71	20.52 -0.97 -0.04	22.44 -1.10 0.00	24.84 -1.06 0.00	18.22 0.17 -0.26	-3.21 0.17 -1.03	28.17 -0.96 -0.15	30.46 -1.16 0.00	19.34 -0.61 -0.11	13.94 -0.49 0.00	18.41 -0.69 0.00
DUNKIRK___1 23563	17.04 0.15 -4.99	20.74 0.00 -2.27	24.59 0.02 1.18	15.51 -0.18 10.16	9.10 -0.23 7.27	5.48 -0.08 1.52	18.46 -0.34 12.39	7.48 -0.04 -0.53	6.08 0.07 -6.63	3.12 0.05 -16.76	34.77 -0.16 -58.06	9.18 -0.37 -19.23	21.31 0.18 -5.28	21.53 -0.46 -2.30	20.70 -0.27 0.49	19.68 -0.30 3.56	15.64 -0.47 9.79	11.86 -0.17 6.64	6.23 0.03 -10.61	20.72 -0.46 7.78	19.32 -0.20 12.09	13.05 -0.02 6.78	11.14 -0.02 3.27	12.53 0.07 6.63
DUNKIRK___2 23564	17.04 0.15 -4.99	20.74 0.00 -2.27	24.59 0.02 1.18	15.51 -0.18 10.16	9.10 -0.23 7.27	5.48 -0.08 1.52	18.46 -0.34 12.39	7.48 -0.04 -0.53	6.08 0.07 -6.63	3.12 0.05 -16.76	34.77 -0.16 -58.06	9.18 -0.37 -19.23	21.31 0.18 -5.28	21.53 -0.46 -2.30	20.70 -0.27 0.49	19.68 -0.30 3.56	15.64 -0.47 9.79	11.86 -0.17 6.64	6.23 0.03 -10.61	20.72 -0.46 7.78	19.32 -0.20 12.09	13.05 -0.02 6.78	11.14 -0.02 3.27	12.53 0.07 6.63
DUNKIRK___3 23565	17.00 0.13 -4.97	20.73 -0.01 -2.25	24.50 0.03 1.29	14.72 -0.14 11.00	8.38 -0.21 8.00	4.84 -0.08 2.15	17.38 -0.37 13.44	6.78 -0.04 0.17	5.40 0.07 -5.94	2.85 0.09 -16.46	34.63 -0.07 -57.83	9.13 -0.34 -19.16	21.25 0.14 -5.26	21.47 -0.50 -2.29	20.49 -0.39 0.58	19.32 -0.35 3.87	14.76 -0.48 10.64	10.90 -0.24 7.52	5.94 0.05 -10.30	19.79 -0.54 8.65	18.20 -0.26 13.15	12.23 -0.06 7.55	10.44 -0.04 3.96	11.80 0.04 7.33
DUNKIRK___4 23566	17.00 0.13 -4.97	20.73 -0.01 -2.25	24.50 0.03 1.29	14.72 -0.14 11.00	8.38 -0.21 8.00	4.84 -0.08 2.15	17.38 -0.37 13.44	6.78 -0.04 0.17	5.40 0.07 -5.94	2.85 0.09 -16.46	34.63 -0.07 -57.83	9.13 -0.34 -19.16	21.25 0.14 -5.26	21.47 -0.50 -2.29	20.49 -0.39 0.58	19.32 -0.35 3.87	14.76 -0.48 10.64	10.90 -0.24 7.52	5.94 0.05 -10.30	19.79 -0.54 8.65	18.20 -0.26 13.15	12.23 -0.06 7.55	10.44 -0.04 3.96	11.80 0.04 7.33
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.08 0.67 -21.51	29.27 1.03 -9.76	27.55 1.47 -0.32	27.46 1.38 -0.23	24.79 0.96 -7.24	30.94 0.34 -23.53	34.68 1.55 -1.94	41.67 0.34 -34.33	56.88 -0.02 -57.51	63.35 -0.67 -77.71	206.87 -1.20 -231.20	66.44 -0.50 -76.59	37.76 0.88 -21.02	30.11 1.27 -9.15	24.64 1.25 -1.93	24.81 1.28 0.00	27.17 1.28 0.00	33.01 1.06 -13.28	48.75 -0.22 -53.38	38.45 1.65 -7.82	33.73 2.00 -0.11	28.94 1.32 -7.76	33.82 0.94 -18.45	25.78 1.37 -5.32
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.67 0.60 -21.17	29.00 0.91 -9.61	27.39 1.32 -0.31	27.31 1.23 -0.22	24.57 0.85 -7.13	30.54 0.31 -23.16	34.49 1.39 -1.91	41.10 0.31 -33.79	55.98 -0.02 -56.61	62.18 -0.61 -76.50	203.33 -1.11 -227.58	65.23 -0.48 -75.39	37.34 0.79 -20.69	29.76 1.07 -9.01	24.39 1.03 -1.90	24.58 1.05 0.00	26.97 1.07 0.00	32.66 0.92 -13.07	47.94 -0.20 -52.54	38.19 1.51 -7.70	33.51 1.79 -0.11	28.67 1.18 -7.64	33.42 0.84 -18.16	25.55 1.22 -5.23
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.06 0.64 -21.51	29.28 1.04 -9.76	27.59 1.52 -0.32	27.52 1.43 -0.23	24.82 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.67 0.35 -34.33	56.91 0.01 -57.51	63.40 -0.61 -77.71	206.99 -1.08 -231.20	66.44 -0.46 -76.59	37.72 0.84 -21.02	30.13 1.28 -9.15	24.63 1.24 -1.93	24.76 1.23 0.00	27.15 1.26 0.00	33.01 1.07 -13.28	48.77 -0.21 -53.38	38.39 1.59 -7.82	33.69 1.98 -0.10	28.95 1.34 -7.76	33.80 0.92 -18.44	25.80 1.39 -5.32
EAST HAMPTON___GT 23717	34.62 1.20 -21.51	30.09 1.85 -9.76	28.69 2.62 -0.32	28.75 2.66 -0.23	25.59 1.76 -7.24	31.23 0.62 -23.53	36.40 3.27 -1.94	42.05 0.72 -34.34	57.09 -0.06 -57.75	62.87 -1.16 -77.73	315.91 -2.28 -341.32	66.06 -0.86 -76.60	43.69 1.62 -26.21	130.06 2.23 -108.14	31.15 2.15 -7.53	28.09 2.45 -2.10	28.00 2.11 0.00	33.64 1.69 -13.28	48.59 -0.40 -53.39	39.63 2.82 -7.82	35.16 3.44 -0.11	29.82 2.21 -7.76	34.55 1.67 -18.45	28.17 2.37 -6.72
EAST RIVER___6 23660	34.15 0.73 -21.51	29.38 1.14 -9.76	27.72 1.65 -0.32	27.63 1.55 -0.23	24.91 1.08 -7.24	30.98 0.39 -23.53	34.87 1.74 -1.94	41.70 0.37 -34.33	56.88 -0.02 -57.51	63.30 -0.71 -77.71	206.78 -1.28 -231.19	66.36 -0.54 -76.59	37.82 0.95 -21.02	30.22 1.38 -9.15	24.77 1.38 -1.93	24.95 1.42 0.00	27.34 1.44 0.00	33.13 1.19 -13.28	48.73 -0.24 -53.38	38.61 1.81 -7.82	33.93 2.21 -0.11	29.07 1.46 -7.76	33.91 1.04 -18.45	25.91 1.50 -5.32



EAST RIVER___7 23524	34.15 0.73 -21.51	29.38 1.14 -9.76	27.72 1.65 -0.32	27.63 1.55 -0.23	24.91 1.08 -7.24	30.98 0.39 -23.53	34.87 1.74 -1.94	41.70 0.37 -34.33	56.88 -0.02 -57.51	63.30 -0.71 -77.71	206.78 -1.28 -231.19	66.36 -0.54 -76.59	37.82 0.95 -21.02	30.22 1.38 -9.15	24.77 1.38 -1.93	24.95 1.42 0.00	27.34 1.44 0.00	33.13 1.19 -13.28	48.73 -0.24 -53.38	38.61 1.81 -7.82	33.93 2.21 -0.11	29.07 1.46 -7.76	33.91 1.04 -18.45	25.91 1.50 -5.32
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.01 0.65 -21.47	29.21 0.99 -9.74	27.49 1.42 -0.32	27.42 1.33 -0.23	24.74 0.93 -7.23	30.88 0.33 -23.48	34.62 1.49 -1.94	41.58 0.33 -34.26	56.76 -0.02 -57.39	63.21 -0.64 -77.55	206.41 -1.17 -230.71	66.24 -0.49 -76.43	37.69 0.86 -20.98	30.04 1.21 -9.13	24.58 1.20 -1.93	24.75 1.21 0.00	27.11 1.22 0.00	32.93 1.02 -13.25	48.65 -0.21 -53.27	38.38 1.60 -7.81	33.65 1.93 -0.11	28.87 1.28 -7.75	33.74 0.91 -18.41	25.72 1.32 -5.31
EAST_HAMPTON___DIESEL 23722	34.63 1.21 -21.51	30.10 1.86 -9.76	28.71 2.63 -0.32	28.76 2.68 -0.23	25.60 1.77 -7.24	31.23 0.63 -23.53	36.41 3.28 -1.94	42.05 0.72 -34.34	57.08 -0.06 -57.75	62.86 -1.17 -77.73	315.89 -2.30 -341.32	66.05 -0.87 -76.60	43.69 1.63 -26.21	130.08 -2.25 -108.14	31.16 2.17 -7.53	28.10 2.47 -2.10	28.03 2.13 0.00	33.65 1.71 -13.28	48.58 -0.40 -53.39	39.64 2.84 -7.82	35.19 3.47 -0.11	29.84 2.23 -7.76	34.56 1.68 -18.45	28.18 2.38 -6.72
EAST_PULASKI___ESR 323781	13.85 -0.20 -2.14	19.12 -0.34 -0.97	25.27 -0.51 -0.03	25.30 -0.58 -0.02	17.00 -0.33 -0.74	9.75 -0.20 -2.89	30.49 -0.94 -0.24	11.00 -0.21 -4.21	6.47 0.02 -7.06	-3.74 0.43 -9.53	6.16 0.92 -28.36	-0.01 0.28 -9.39	17.86 -0.58 -2.58	18.28 -0.85 0.56	20.80 -0.90 -0.24	22.64 -0.90 0.00	25.14 -0.75 0.00	19.80 -0.49 -1.63	2.25 0.11 -6.55	29.18 -0.76 -0.96	30.91 -0.71 -0.01	20.36 -0.40 -0.91	16.00 -0.27 -1.84	19.26 -0.36 -0.53
EAST_RIVER___1 323558	34.10 0.69 -21.51	29.31 1.07 -9.76	27.63 1.56 -0.32	27.55 1.46 -0.23	24.86 1.02 -7.24	30.96 0.36 -23.53	34.76 1.63 -1.94	41.68 0.35 -34.33	56.88 -0.02 -57.51	63.34 -0.67 -77.71	206.86 -1.20 -231.19	66.40 -0.50 -76.59	37.76 0.88 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.22 1.33 0.00	33.06 1.12 -13.28	48.75 -0.22 -53.38	38.49 1.69 -7.82	33.81 2.09 -0.11	29.00 1.38 -7.76	33.86 0.99 -18.45	25.84 1.43 -5.32
EAST_RIVER___2 323559	34.15 0.73 -21.51	29.38 1.14 -9.76	27.72 1.65 -0.32	27.63 1.55 -0.23	24.91 1.08 -7.24	30.98 0.39 -23.53	34.87 1.74 -1.94	41.70 0.37 -34.33	56.88 -0.02 -57.51	63.30 -0.71 -77.71	206.78 -1.28 -231.19	66.36 -0.54 -76.59	37.82 0.95 -21.02	30.22 1.38 -9.15	24.77 1.38 -1.93	24.95 1.42 0.00	27.34 1.44 0.00	33.13 1.19 -13.28	48.73 -0.24 -53.38	38.61 1.81 -7.82	33.93 2.21 -0.11	29.07 1.46 -7.76	33.91 1.04 -18.45	25.91 1.50 -5.32
EAST___DELAWARE_HYD 23607	32.70 0.53 -20.26	28.44 0.77 -9.19	27.14 1.09 -0.30	27.08 1.01 -0.21	24.13 0.72 -6.82	29.50 0.25 -22.17	34.24 1.22 -1.83	39.61 0.27 -32.35	53.57 -0.02 -54.20	58.99 -0.54 -73.23	193.75 -0.98 -217.86	62.08 -0.40 -72.17	36.26 0.60 -19.81	29.16 0.84 -8.62	23.96 0.68 -1.82	24.24 0.71 0.00	26.60 0.70 0.00	31.90 0.72 -12.51	45.72 -0.17 -50.30	37.69 1.35 -7.37	33.33 1.62 -0.10	28.23 1.06 -7.32	32.54 0.74 -17.38	25.18 1.08 -5.01
EIGHT_POINT___WT_PWR 323820	17.84 -0.01 -5.95	20.94 -0.24 -2.70	30.22 -0.20 -4.67	62.44 -0.70 -37.28	50.71 -0.54 -34.67	40.74 -0.26 -33.93	77.48 -1.09 -47.38	46.30 -0.24 -39.55	44.83 0.09 -45.35	19.83 0.62 -32.91	46.08 1.08 -68.13	13.07 0.19 -22.57	21.38 -0.67 -6.19	21.11 -1.28 -2.70	24.29 -1.29 -4.12	35.79 -0.72 -12.98	60.86 -0.79 -35.75	58.45 -0.51 -40.30	21.71 0.18 -25.94	65.68 -1.18 -37.89	74.73 -1.14 -44.26	53.27 -0.62 -34.05	46.69 -0.47 -32.73	48.81 -0.54 -30.25
ELEC_TRO_TEK 24086	34.27 0.85 -21.51	29.53 1.28 -9.76	27.93 1.86 -0.32	27.85 1.77 -0.23	25.05 1.22 -7.24	31.02 0.41 -23.53	35.14 2.01 -1.94	41.78 0.45 -34.34	57.11 -0.04 -57.75	63.26 -0.77 -77.73	316.69 -1.50 -341.32	66.34 -0.58 -76.60	43.13 1.07 -26.21	129.40 1.57 -108.14	30.52 1.52 -7.53	27.26 1.63 -2.10	27.34 1.44 0.00	33.15 1.21 -13.28	48.72 -0.26 -53.39	38.72 1.92 -7.82	34.14 2.42 -0.11	29.17 1.56 -7.76	33.99 1.11 -18.45	27.47 1.66 -6.72
ELLENBURG_WT_PWR 323604	12.01 0.10 0.00	18.68 0.20 0.00	25.88 0.13 0.00	25.97 0.11 0.00	16.69 0.10 0.00	7.15 0.08 0.00	31.35 0.16 0.00	7.08 0.08 0.00	-0.69 -0.08 0.00	-13.67 0.02 0.00	-26.07 0.43 3.37	-22.51 0.40 13.22	-21.19 -0.64 36.40	-21.21 -0.80 40.09	-21.22 -0.96 41.72	-21.16 -1.22 43.47	-21.18 -1.34 45.73	-21.10 -0.97 38.80	-12.25 0.14 7.98	28.30 -0.67 0.00	18.06 -1.10 12.45	15.85 -0.91 3.09	8.50 -0.64 5.28	15.40 -0.95 2.74
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.62 0.00 -4.72	20.43 -0.19 -2.14	24.05 -0.32 1.39	13.61 -0.43 11.81	7.36 -0.43 8.80	3.89 -0.18 3.01	15.88 -0.82 14.49	5.66 -0.13 1.20	4.13 0.08 -4.66	1.90 0.24 -15.36	32.29 0.21 -55.21	8.37 -0.23 -18.29	20.85 -0.03 -5.02	21.11 -0.77 -2.19	19.96 -0.81 0.68	18.59 -0.77 4.18	13.51 -0.89 11.50	9.52 -0.59 8.55	5.15 0.12 -9.44	18.33 -1.05 9.59	16.64 -0.76 14.21	11.05 -0.40 8.40	9.32 -0.28 4.83	10.69 -0.32 8.08
EMPIRE_CC_1 323656	39.99 0.23 -27.86	31.50 0.38 -12.64	26.75 0.59 -0.41	26.64 0.50 -0.29	26.30 0.33 -9.38	37.56 0.09 -30.41	33.92 0.22 -2.51	51.43 0.07 -44.37	73.69 -0.03 -74.33	86.58 -0.15 -100.43	275.29 -0.37 -298.79	89.07 -0.22 -98.98	43.52 0.50 -27.16	32.01 0.49 -11.83	24.49 0.54 -2.49	23.97 0.43 0.00	26.22 0.33 0.00	36.07 0.25 -17.15	64.36 -0.06 -68.83	39.39 0.33 -10.09	32.01 0.26 -0.14	30.20 0.31 -10.04	38.56 0.24 -23.89	26.34 0.36 -6.89
EMPIRE_CC_2 323658	39.99 0.23 -27.86	31.50 0.38 -12.64	26.75 0.59 -0.41	26.64 0.50 -0.29	26.30 0.33 -9.38	37.56 0.09 -30.41	33.92 0.22 -2.51	51.43 0.07 -44.37	73.69 -0.03 -74.33	86.58 -0.15 -100.43	275.29 -0.37 -298.79	89.07 -0.22 -98.98	43.52 0.50 -27.16	32.01 0.49 -11.83	24.49 0.54 -2.49	23.97 0.43 0.00	26.22 0.33 0.00	36.07 0.25 -17.15	64.36 -0.06 -68.83	39.39 0.33 -10.09	32.01 0.26 -0.14	30.20 0.31 -10.04	38.56 0.24 -23.89	26.34 0.36 -6.89
ERIE_WT_PWR 323693	16.79 0.06 -4.82	20.59 -0.08 -2.19	24.28 -0.15 1.32	14.29 -0.29 11.27	7.95 -0.35 8.29	4.43 -0.14 2.50	16.73 -0.66 13.80	6.29 -0.10 0.60	4.82 0.07 -5.36	2.39 0.19 -15.89	33.36 0.14 -56.35	8.72 -0.26 -18.67	21.02 0.04 -5.12	21.26 -0.66 -2.23	20.14 -0.69 0.63	18.87 -0.64 4.02	14.09 -0.74 11.06	10.14 -0.49 8.04	5.50 0.10 -9.81	18.97 -0.89 9.11	17.35 -0.59 13.67	11.58 -0.29 7.98	9.82 -0.20 4.41	11.18 -0.21 7.70
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.69 0.38 -6.41	21.92 0.53 -2.91	27.02 0.76 -0.51	29.91 0.65 -3.41	22.08 0.39 -5.11	17.04 0.12 -9.85	36.55 0.56 -4.80	20.62 0.15 -13.48	20.10 0.00 -20.71	11.49 -0.25 -25.45	49.71 -0.20 -73.04	14.39 -0.11 -24.20	22.55 0.05 -6.64	22.55 -0.03 -2.89	22.43 0.04 -0.93	24.95 0.25 -1.16	29.56 0.44 -3.22	26.50 0.37 -7.46	13.26 -0.11 -17.78	35.30 0.66 -5.66	36.45 0.83 -4.00	25.72 0.59 -5.28	22.87 0.45 -7.99	23.90 0.62 -4.18



E_CANADA_CAP_HY 24051	50.15 0.93 -37.32	36.85 1.44 -16.93	28.21 1.90 -0.55	28.13 1.88 -0.39	30.33 1.18 -12.56	48.25 0.47 -40.71	36.70 2.15 -3.36	66.91 0.52 -59.40	98.87 -0.03 -99.51	119.79 -0.97 -134.46	375.24 -1.66 -400.03	122.11 -0.72 -132.52	53.18 0.96 -36.37	36.62 1.09 -15.84	25.97 1.18 -3.34	24.96 1.42 0.00	27.59 1.70 0.00	42.97 1.33 -22.97	87.59 -0.32 -92.32	44.92 2.42 -13.53	34.51 2.71 -0.19	34.91 1.62 -13.44	47.50 1.07 -32.00	29.71 1.39 -9.23
E_CANADA_MHWK_HY 24050	11.64 -0.26 0.00	18.00 -0.48 0.00	25.08 -0.67 0.00	25.04 -0.82 0.00	16.05 -0.55 -0.02	7.26 -0.26 -0.45	29.94 -1.29 -0.04	7.39 -0.26 -0.66	0.49 -0.01 -1.11	-11.73 0.47 -1.50	-18.10 0.58 -4.45	-8.02 0.20 -1.47	15.48 -0.79 -0.40	19.44 -0.97 -0.71	20.52 -0.97 -0.04	22.44 -1.10 0.00	24.84 -1.06 0.00	18.22 -0.70 -0.26	-3.21 0.17 -1.03	28.17 -0.96 -0.15	30.46 -1.16 0.00	19.34 -0.61 -0.11	13.94 -0.49 0.00	18.41 -0.69 0.00
E_FISHKILL__LBMP 23776	34.32 0.56 -21.86	29.26 0.86 -9.92	27.31 1.23 -0.33	27.23 1.15 -0.23	24.74 0.80 -7.36	31.26 0.28 -23.90	34.44 1.28 -1.97	42.16 0.29 -34.88	57.80 -0.02 -58.43	64.69 -0.56 -78.95	210.73 -1.02 -234.88	67.68 -0.44 -77.81	37.98 0.77 -21.35	30.07 1.08 -9.30	24.48 1.06 -1.96	24.59 1.06 0.00	26.94 1.04 0.00	33.04 0.89 -13.49	49.64 -0.19 -54.24	38.32 1.40 -7.95	33.39 1.66 -0.11	28.84 1.10 -7.89	33.96 0.79 -18.74	25.66 1.17 -5.40
FALCON__SEABRD_CC1 323796	12.15 0.25 0.00	18.89 0.41 0.00	26.16 0.41 0.00	26.25 0.39 0.00	16.88 0.29 0.00	7.24 0.17 0.00	31.75 0.57 0.00	7.17 0.18 0.00	-0.70 -0.09 0.00	-13.88 -0.18 0.00	-26.47 0.07 3.40	-22.82 0.20 13.33	-21.33 -0.48 36.71	-21.35 -0.62 40.42	-21.35 -0.74 42.07	-21.27 -0.97 43.84	-21.32 -1.10 46.11	-21.20 -0.74 39.12	-12.36 0.10 8.05	28.55 -0.43 0.00	18.21 -0.84 12.56	16.02 -0.71 3.12	8.58 -0.51 5.33	15.50 -0.83 2.76
FALCON__SEABRD_CC2 323797	12.15 0.25 0.00	18.89 0.41 0.00	26.16 0.41 0.00	26.25 0.39 0.00	16.88 0.29 0.00	7.24 0.17 0.00	31.75 0.57 0.00	7.17 0.18 0.00	-0.70 -0.09 0.00	-13.88 -0.18 0.00	-26.47 0.07 3.40	-22.82 0.20 13.33	-21.33 -0.48 36.71	-21.35 -0.62 40.42	-21.35 -0.74 42.07	-21.27 -0.97 43.84	-21.32 -1.10 46.11	-21.20 -0.74 39.12	-12.36 0.10 8.05	28.55 -0.43 0.00	18.21 -0.84 12.56	16.02 -0.71 3.12	8.58 -0.51 5.33	15.50 -0.83 2.76
FAR ROCKAWAY__4 23548	34.40 0.98 -21.51	29.86 1.62 -9.76	28.50 2.43 -0.32	28.40 2.32 -0.23	25.41 1.57 -7.24	31.17 0.57 -23.53	35.73 2.60 -1.94	41.91 0.58 -34.34	57.12 -0.02 -57.75	63.09 -0.94 -77.73	316.61 -1.58 -341.32	66.30 -0.61 -76.60	43.09 1.03 -26.21	129.32 1.49 -108.14	30.53 1.54 -7.53	27.47 1.83 -2.10	27.82 1.93 0.00	33.42 1.47 -13.28	48.69 -0.29 -53.39	38.64 1.83 -7.82	34.27 2.55 -0.11	29.29 1.68 -7.76	34.08 1.20 -18.45	27.86 2.05 -6.72
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.10 0.68 -21.51	29.31 1.07 -9.76	27.63 1.56 -0.32	27.54 1.46 -0.23	24.86 1.02 -7.24	30.96 0.36 -23.53	34.76 1.63 -1.94	41.68 0.35 -34.33	56.88 -0.02 -57.51	63.35 -0.66 -77.71	206.87 -1.19 -231.19	66.40 -0.50 -76.59	37.76 0.88 -21.02	30.14 1.30 -9.15	24.68 1.30 -1.93	24.85 1.32 0.00	27.22 1.33 0.00	33.06 1.11 -13.28	48.76 -0.22 -53.38	38.49 1.69 -7.82	33.80 2.08 -0.11	28.99 1.38 -7.76	33.85 0.98 -18.45	25.83 1.42 -5.32
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.11 0.69 -21.51	29.32 1.08 -9.76	27.64 1.57 -0.32	27.55 1.47 -0.23	24.86 1.03 -7.24	30.96 0.36 -23.53	34.77 1.64 -1.94	41.67 0.35 -34.33	56.88 -0.02 -57.51	63.34 -0.67 -77.71	206.86 -1.20 -231.19	66.40 -0.50 -76.59	37.75 0.88 -21.02	30.16 1.31 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.23 1.34 0.00	33.06 1.12 -13.28	48.75 -0.22 -53.38	38.50 1.70 -7.82	33.82 2.10 -0.11	29.00 1.39 -7.76	33.87 0.99 -18.45	25.84 1.43 -5.32
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.09 0.68 -21.51	29.31 1.07 -9.76	27.62 1.54 -0.32	27.53 1.45 -0.23	24.84 1.01 -7.24	30.96 0.36 -23.53	34.74 1.61 -1.94	41.67 0.35 -34.33	56.88 -0.02 -57.51	63.35 -0.66 -77.71	206.89 -1.18 -231.19	66.41 -0.49 -76.59	37.74 0.87 -21.02	30.14 1.29 -9.15	24.67 1.28 -1.93	24.83 1.30 0.00	27.21 1.31 0.00	33.04 1.10 -13.28	48.76 -0.22 -53.38	38.47 1.67 -7.82	33.79 2.06 -0.11	28.98 1.37 -7.76	33.85 0.98 -18.45	25.82 1.41 -5.32
FARRAGUT__LBMP 323566	34.09 0.67 -21.51	29.29 1.05 -9.76	27.60 1.53 -0.32	27.51 1.43 -0.23	24.84 1.01 -7.24	30.96 0.36 -23.53	34.72 1.59 -1.94	41.66 0.34 -34.33	56.88 -0.02 -57.51	63.36 -0.65 -77.71	206.91 -1.15 -231.19	66.41 -0.48 -76.59	37.72 0.85 -21.02	30.12 1.28 -9.15	24.65 1.26 -1.93	24.82 1.29 0.00	27.19 1.30 0.00	33.03 1.09 -13.28	48.76 -0.21 -53.38	38.44 1.64 -7.82	33.76 2.04 -0.11	28.97 1.35 -7.76	33.84 0.96 -18.45	25.81 1.40 -5.32
FENNER__WINDPWR 24204	15.57 0.18 -3.48	20.31 0.25 -1.58	26.22 0.42 -0.05	26.18 0.28 -0.04	17.96 0.19 -1.19	11.27 0.04 -4.17	31.66 0.13 -0.34	13.11 0.04 -6.08	9.58 0.00 -10.18	-0.03 -0.09 -13.76	17.77 -0.03 -40.93	3.84 -0.03 -13.56	19.53 -0.05 -3.72	21.69 -0.13 -2.12	21.73 -0.07 -0.34	23.56 0.02 0.00	26.04 0.14 0.00	21.16 0.15 -2.35	4.98 -0.06 -9.45	30.69 0.33 -1.39	32.00 0.36 -0.02	21.43 0.24 -1.35	17.60 0.18 -2.99	20.21 0.26 -0.86
FIBERTEK__ENERGY 23856	14.98 0.10 -2.97	19.94 0.11 -1.35	25.92 0.12 -0.04	25.95 0.06 -0.03	17.62 0.00 -1.02	10.81 -0.05 -3.79	31.32 -0.19 -0.31	12.50 -0.02 -5.53	8.67 0.01 -9.27	-1.11 0.07 -12.52	14.31 0.19 -37.25	2.67 0.01 -12.34	19.10 -0.14 -3.39	20.88 -0.29 -1.47	21.49 -0.28 -0.31	23.36 -0.17 0.00	25.74 -0.15 0.00	20.73 -0.08 -2.14	4.19 0.00 -8.60	30.16 -0.07 -1.26	31.64 0.01 -0.02	21.17 0.12 -1.21	17.08 0.11 -2.55	19.98 0.15 -0.74
FITZPATRICK____ 23598	13.44 -0.19 -1.73	18.94 -0.33 -0.79	25.30 -0.48 -0.03	25.35 -0.52 -0.02	16.84 -0.36 -0.61	9.45 -0.22 -2.59	30.46 -0.94 -0.21	10.58 -0.20 -3.78	5.76 0.03 -6.34	-4.74 0.39 -8.56	3.04 0.69 -25.47	-1.02 0.23 -8.44	17.69 -0.48 -2.32	19.98 -0.71 -1.01	20.92 -0.75 -0.21	22.79 -0.74 0.00	25.10 -0.79 0.00	19.58 -0.54 -1.46	1.58 0.11 -5.88	29.01 -0.82 -0.86	30.80 -0.82 -0.01	20.26 -0.39 -0.80	15.65 -0.25 -1.48	19.18 -0.34 -0.43
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.25 0.71 -21.64	29.38 1.08 -9.82	27.62 1.54 -0.32	27.54 1.45 -0.23	24.87 1.00 -7.29	31.11 0.37 -23.67	34.82 1.68 -1.95	41.91 0.38 -34.53	57.22 -0.03 -57.86	63.72 -0.75 -78.17	208.09 -1.36 -232.57	66.78 -0.58 -77.05	37.97 0.97 -21.15	30.18 1.28 -9.21	24.65 1.25 -1.94	24.82 1.28 0.00	27.22 1.33 0.00	33.14 1.12 -13.36	49.04 -0.25 -53.70	38.65 1.80 -7.87	33.83 2.11 -0.11	29.03 1.37 -7.81	33.96 0.98 -18.56	25.84 1.40 -5.35
FORT ORANGE____ 23900	40.78 0.22 -28.66	31.80 0.32 -13.00	26.63 0.45 -0.43	26.54 0.38 -0.30	26.50 0.27 -9.65	38.42 0.08 -31.27	34.04 0.27 -2.58	52.70 0.08 -45.62	75.81 -0.02 -76.43	89.42 -0.16 -103.28	283.81 -0.32 -307.26	91.91 -0.18 -101.79	44.15 0.35 -27.94	32.16 0.30 -12.16	24.34 0.32 -2.56	23.79 0.25 0.00	26.10 0.21 0.00	36.52 0.21 -17.64	66.41 -0.07 -70.88	39.76 0.39 -10.39	32.12 0.36 -0.15	30.50 0.32 -10.32	39.24 0.24 -24.58	26.51 0.34 -7.09



FORT_DRUM_COGEN 23780	12.95 -0.47 -1.52	18.48 -0.69 -0.69	24.78 -0.99 -0.02	24.79 -1.09 -0.02	16.66 -0.45 -0.52	8.82 -0.27 -2.02	29.94 -1.41 -0.17	9.58 -0.36 -2.95	4.33 0.00 -4.94	-6.24 0.78 -6.67	-1.21 1.90 -20.02	-1.85 0.61 -7.23	18.41 -1.05 -3.60	15.27 -1.37 3.05	22.20 -1.48 -2.23	24.05 -1.63 -2.15	27.12 -1.04 -2.26	21.01 -0.72 -3.06	0.79 0.20 -4.99	28.57 -1.08 -0.67	31.22 -1.02 -0.63	19.79 -0.85 -0.79	15.39 -0.60 -1.56	18.80 -0.80 -0.51
FPL_FAR_ROCK_GT1 24212	34.40 0.98 -21.51	29.86 1.62 -9.76	28.50 2.43 -0.32	28.40 2.32 -0.23	25.41 1.57 -7.24	31.17 0.57 -23.53	35.73 2.60 -1.94	41.91 0.58 -34.34	57.12 -0.02 -57.75	63.09 -0.94 -77.73	316.61 -1.58 -341.32	66.30 -0.61 -76.60	43.09 1.03 -26.21	129.32 1.49 -108.14	30.53 1.54 -7.53	27.47 1.83 -2.10	27.82 1.93 0.00	33.42 1.47 -13.28	48.69 -0.29 -53.39	38.64 1.83 -7.82	34.27 2.55 -0.11	29.29 1.68 -7.76	34.08 1.20 -18.45	27.86 2.05 -6.72
FPL_FAR_ROCK_GT2 23815	34.40 0.98 -21.51	29.86 1.62 -9.76	28.50 2.43 -0.32	28.40 2.32 -0.23	25.41 1.57 -7.24	31.17 0.57 -23.53	35.73 2.60 -1.94	41.91 0.58 -34.34	57.12 -0.02 -57.75	63.09 -0.94 -77.73	316.61 -1.58 -341.32	66.30 -0.61 -76.60	43.09 1.03 -26.21	129.32 1.49 -108.14	30.53 1.54 -7.53	27.47 1.83 -2.10	27.82 1.93 0.00	33.42 1.47 -13.28	48.69 -0.29 -53.39	38.64 1.83 -7.82	34.27 2.55 -0.11	29.29 1.68 -7.76	34.08 1.20 -18.45	27.86 2.05 -6.72
FRANKLIN_FALL_HYD 24054	12.07 0.17 0.00	18.79 0.31 0.00	26.10 0.35 0.00	26.21 0.36 0.00	16.84 0.25 0.00	7.21 0.14 0.00	31.55 0.37 0.00	7.12 0.12 0.00	-0.68 -0.07 0.00	-13.84 -0.14 0.00	-20.87 0.10 -2.16	-1.03 0.18 -8.48	38.86 -0.34 -23.35	38.95 -0.45 -19.71	47.69 -0.53 -26.76	50.70 -0.72 -27.88	54.50 -0.73 -29.33	43.06 -0.55 -24.96	0.96 0.07 -5.29	28.71 -0.26 0.00	39.13 -0.56 -8.08	21.28 -0.55 -1.98	17.43 -0.38 -3.39	20.25 -0.60 -1.76
FREEPORT_EQUS_GT1 23764	34.37 0.95 -21.51	29.69 1.44 -9.76	28.16 2.09 -0.32	28.08 2.00 -0.23	25.19 1.36 -7.24	31.07 0.47 -23.53	35.41 2.27 -1.94	41.84 0.51 -34.34	57.11 -0.04 -57.75	63.17 -0.85 -77.73	316.52 -1.67 -341.32	66.32 -0.60 -76.60	43.15 1.09 -26.21	129.58 1.75 -108.14	30.65 1.65 -7.53	27.39 1.75 -2.10	27.32 1.42 0.00	33.25 1.31 -13.28	48.69 -0.29 -53.39	38.85 2.05 -7.82	34.44 2.72 -0.11	29.32 1.70 -7.76	34.10 1.22 -18.45	27.63 1.82 -6.72
FREEPORT___CT2 23818	34.37 0.95 -21.51	29.69 1.44 -9.76	28.16 2.09 -0.32	28.08 2.00 -0.23	25.19 1.36 -7.24	31.07 0.47 -23.53	35.41 2.27 -1.94	41.84 0.51 -34.34	57.11 -0.04 -57.75	63.17 -0.85 -77.73	316.52 -1.67 -341.32	66.32 -0.60 -76.60	43.15 1.09 -26.21	129.58 1.75 -108.14	30.65 1.65 -7.53	27.39 1.75 -2.10	27.32 1.42 0.00	33.25 1.31 -13.28	48.69 -0.29 -53.39	38.85 2.05 -7.82	34.44 2.72 -0.11	29.32 1.70 -7.76	34.10 1.22 -18.45	27.63 1.82 -6.72
FULTON COGEN____ 23766	14.21 -0.04 -2.34	19.43 -0.11 -1.06	25.60 -0.19 -0.04	25.63 -0.25 -0.03	17.22 -0.18 -0.81	10.08 -0.14 -3.15	30.86 -0.59 -0.26	11.48 -0.12 -4.60	7.12 0.02 -7.70	-3.05 0.24 -10.41	8.33 0.48 -30.98	0.71 0.13 -10.26	18.34 -0.33 -2.82	19.90 -0.55 -0.76	21.14 -0.58 -0.26	23.03 -0.50 0.00	25.39 -0.51 0.00	20.13 -0.32 -1.78	2.80 0.06 -7.15	29.55 -0.47 -1.05	31.20 -0.42 -0.02	20.70 -0.14 -0.99	16.35 -0.08 -2.00	19.56 -0.11 -0.58
FULTON___LFGE 323630	48.49 1.10 -35.48	36.32 1.74 -16.10	28.87 2.59 -0.53	28.72 2.49 -0.37	30.15 1.61 -11.94	46.44 0.67 -38.70	37.12 2.74 -3.20	64.10 0.64 -56.47	93.94 -0.05 -94.60	112.97 -1.15 -127.82	354.99 -2.16 -380.28	115.34 -0.94 -125.97	51.37 0.94 -34.57	35.62 0.88 -15.05	25.64 1.00 -3.17	24.67 1.13 0.00	27.80 1.90 0.00	42.21 1.71 -21.84	82.93 -0.41 -87.76	44.77 2.93 -12.86	35.00 3.21 -0.18	34.54 1.92 -12.78	46.20 1.34 -30.43	29.69 1.83 -8.77
G.F.CEMENT___DRP 24184	44.09 0.48 -31.71	33.56 0.70 -14.39	27.11 0.88 -0.47	26.99 0.79 -0.33	27.80 0.54 -10.67	41.87 0.23 -34.57	35.02 0.98 -2.85	57.67 0.23 -50.44	83.87 -0.04 -84.51	100.03 -0.47 -114.20	315.69 -0.92 -339.74	102.41 -0.45 -112.54	47.27 0.53 -30.89	33.46 0.32 -13.45	24.68 0.39 -2.83	23.94 0.41 0.00	26.28 0.38 0.00	38.61 0.44 -19.51	73.84 -0.14 -78.39	41.27 0.80 -11.49	32.25 0.48 -0.16	31.83 0.56 -11.42	42.04 0.42 -27.19	27.32 0.38 -7.84
GARDENVILLE___LBMP 24039	16.74 0.03 -4.81	20.51 -0.14 -2.18	23.98 -0.23 1.54	12.44 -0.35 13.06	6.35 -0.37 9.87	3.10 -0.15 3.81	14.42 -0.71 16.05	4.84 -0.11 2.05	3.42 0.08 -3.95	1.87 0.22 -15.35	33.23 0.18 -56.18	8.68 -0.24 -18.61	20.97 0.00 -5.11	21.19 -0.72 -2.22	19.92 -0.74 0.80	18.23 -0.69 4.62	12.40 -0.79 12.71	8.42 -0.52 9.73	5.02 0.11 -9.31	17.26 -0.95 10.77	15.24 -0.66 15.71	10.07 -0.33 9.45	8.50 -0.23 5.69	9.81 -0.25 9.03
GENERAL___MILLS 23808	16.79 0.06 -4.82	20.58 -0.09 -2.19	24.27 -0.16 1.32	14.29 -0.30 11.27	7.95 -0.34 8.29	4.43 -0.14 2.50	16.74 -0.65 13.80	6.30 -0.10 0.60	4.82 0.07 -5.36	2.38 0.19 -15.89	33.35 0.13 -56.35	8.71 -0.27 -18.67	21.03 0.05 -5.12	21.25 -0.67 -2.23	20.14 -0.69 0.63	18.88 -0.63 4.02	14.11 -0.73 11.06	10.14 -0.49 8.04	5.50 0.10 -9.81	18.98 -0.88 9.11	17.36 -0.58 13.67	11.59 -0.29 7.98	9.82 -0.20 4.41	11.19 -0.20 7.70
GE_PLASTICS___DRP 24183	40.24 0.22 -28.11	31.57 0.33 -12.76	26.65 0.48 -0.42	26.57 0.41 -0.30	26.34 0.29 -9.46	37.84 0.08 -30.68	34.07 0.35 -2.53	51.85 0.09 -44.77	74.38 -0.01 -75.00	87.48 -0.16 -101.35	278.09 -0.28 -301.50	90.03 -0.16 -99.88	43.57 0.30 -27.41	31.99 0.36 -11.94	24.34 0.36 -2.52	23.86 0.33 0.00	26.19 0.30 0.00	36.26 0.28 -17.31	65.08 -0.07 -69.57	39.61 0.44 -10.20	32.22 0.47 -0.14	30.36 0.38 -10.13	38.81 0.28 -24.11	26.45 0.41 -6.95
GILBOA___1 23756	34.49 0.33 -22.25	29.07 0.50 -10.10	26.81 0.73 -0.33	26.75 0.66 -0.23	24.53 0.45 -7.50	31.59 0.15 -24.36	33.87 0.67 -2.01	42.70 0.16 -35.55	58.94 0.00 -59.55	66.54 -0.23 -80.47	215.97 -0.30 -239.39	69.46 -0.15 -79.30	37.93 0.31 -21.77	29.68 0.51 -9.48	23.98 0.52 -2.00	24.08 0.55 0.00	26.44 0.54 0.00	32.89 0.47 -13.75	50.75 -0.11 -55.26	37.74 0.67 -8.10	32.53 0.81 -0.11	28.50 0.62 -8.04	33.96 0.45 -19.09	25.25 0.66 -5.50
GILBOA___2 23757	34.49 0.33 -22.25	29.07 0.50 -10.10	26.81 0.73 -0.33	26.75 0.66 -0.23	24.53 0.45 -7.50	31.59 0.15 -24.36	33.87 0.67 -2.01	42.70 0.16 -35.55	58.94 0.00 -59.55	66.54 -0.23 -80.47	215.97 -0.30 -239.39	69.46 -0.15 -79.30	37.93 0.31 -21.77	29.68 0.51 -9.48	23.98 0.52 -2.00	24.08 0.55 0.00	26.44 0.54 0.00	32.89 0.47 -13.75	50.75 -0.11 -55.26	37.74 0.67 -8.10	32.53 0.81 -0.11	28.50 0.62 -8.04	33.96 0.45 -19.09	25.25 0.66 -5.50
GILBOA___3 23758	34.49 0.33 -22.25	29.07 0.50 -10.10	26.81 0.73 -0.33	26.75 0.66 -0.23	24.53 0.45 -7.50	31.59 0.15 -24.36	33.87 0.67 -2.01	42.70 0.16 -35.55	58.94 0.00 -59.55	66.54 -0.23 -80.47	215.97 -0.30 -239.39	69.46 -0.15 -79.30	37.93 0.31 -21.77	29.68 0.51 -9.48	23.98 0.52 -2.00	24.08 0.55 0.00	26.44 0.54 0.00	32.89 0.47 -13.75	50.75 -0.11 -55.26	37.74 0.67 -8.10	32.53 0.81 -0.11	28.50 0.62 -8.04	33.96 0.45 -19.09	25.25 0.66 -5.50



GILBOA___4 23759	34.49 0.33 -22.25	29.07 0.50 -10.10	26.81 0.73 -0.33	26.75 0.66 -0.23	24.53 0.45 -7.50	31.59 0.15 -24.36	33.87 0.67 -2.01	42.70 0.16 -35.55	58.94 0.00 -59.55	66.54 -0.23 -80.47	215.97 -0.30 -239.39	69.46 -0.15 -79.30	37.93 0.31 -21.77	29.68 0.51 -9.48	23.98 0.52 -2.00	24.08 0.55 0.00	26.44 0.54 0.00	32.89 0.47 -13.75	50.75 -0.11 -55.26	37.74 0.67 -8.10	32.53 0.81 -0.11	28.50 0.62 -8.04	33.96 0.45 -19.09	25.25 0.66 -5.50
GILBOA___ 23599	34.49 0.33 -22.25	29.07 0.50 -10.10	26.81 0.73 -0.33	26.75 0.66 -0.23	24.53 0.45 -7.50	31.59 0.15 -24.36	33.87 0.67 -2.01	42.70 0.16 -35.55	58.94 0.00 -59.55	66.54 -0.23 -80.47	215.97 -0.30 -239.39	69.46 -0.15 -79.30	37.93 0.31 -21.77	29.68 0.51 -9.48	23.98 0.52 -2.00	24.08 0.55 0.00	26.44 0.54 0.00	32.89 0.47 -13.75	50.75 -0.11 -55.26	37.74 0.67 -8.10	32.53 0.81 -0.11	28.50 0.62 -8.04	33.96 0.45 -19.09	25.25 0.66 -5.50
GINNA___ 23603	14.91 -0.44 -3.45	19.27 -0.78 -1.56	24.61 -1.19 -0.05	24.58 -1.31 -0.04	16.85 -0.92 -1.18	10.92 -0.41 -4.26	29.73 -1.81 -0.35	12.85 -0.37 -6.22	9.86 0.05 -10.42	1.09 0.71 -14.08	19.92 1.17 -41.88	4.52 0.33 -13.87	18.89 -0.78 -3.81	20.01 -1.34 -1.66	20.42 -1.39 -0.35	22.15 -1.39 0.00	24.37 -1.53 0.00	19.98 -1.09 -2.40	5.47 0.22 -9.66	28.75 -1.64 -1.42	30.04 -1.60 -0.02	20.30 -0.92 -1.37	16.72 -0.66 -2.95	19.07 -0.87 -0.85
GLEN PARK___ 23778	13.04 -0.43 -1.57	18.55 -0.64 -0.71	24.84 -0.94 -0.02	24.84 -1.04 -0.02	16.70 -0.43 -0.54	8.91 -0.25 -2.09	30.02 -1.34 -0.17	9.70 -0.34 -3.04	4.50 0.01 -5.10	-6.06 0.75 -6.89	-0.53 1.94 -20.66	-1.65 0.63 -7.41	18.34 -1.09 -3.57	15.44 -1.44 2.81	22.03 -1.56 -2.13	23.86 -1.71 -2.04	26.98 -1.06 -2.14	20.98 -0.68 -3.00	0.90 0.19 -5.12	28.66 -1.01 -0.69	31.26 -0.95 -0.60	19.85 -0.80 -0.80	15.45 -0.57 -1.59	18.84 -0.76 -0.51
GLENWOOD_IC_1_G5 23712	34.26 0.84 -21.51	29.52 1.28 -9.76	27.92 1.85 -0.32	27.84 1.76 -0.23	25.04 1.21 -7.24	31.03 0.42 -23.53	35.13 1.99 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.22 -0.81 -77.73	316.63 -1.56 -341.32	66.29 -0.62 -76.60	43.17 1.11 -26.21	129.41 1.58 -108.14	30.55 1.56 -7.53	27.26 1.62 -2.10	27.43 1.54 0.00	33.22 1.28 -13.28	48.71 -0.28 -53.39	38.81 2.01 -7.82	34.18 2.46 -0.11	29.21 1.60 -7.76	34.00 1.12 -18.45	27.46 1.65 -6.72
GLENWOOD_IC_2_G1 23688	34.18 0.76 -21.51	29.40 1.16 -9.76	27.75 1.68 -0.32	27.67 1.59 -0.23	24.93 1.10 -7.24	30.99 0.39 -23.53	34.93 1.80 -1.94	41.73 0.40 -34.34	57.12 -0.03 -57.75	63.30 -0.73 -77.73	316.80 -1.39 -341.32	66.35 -0.56 -76.60	43.05 0.99 -26.21	129.26 1.43 -108.14	30.40 1.41 -7.53	27.10 1.47 -2.10	27.30 1.40 0.00	33.11 1.17 -13.28	48.74 -0.25 -53.39	38.62 1.82 -7.82	33.96 2.24 -0.11	29.08 1.46 -7.76	33.91 1.03 -18.45	27.33 1.52 -6.72
GLENWOOD_IC_3_G1 23689	34.18 0.76 -21.51	29.40 1.16 -9.76	27.75 1.68 -0.32	27.67 1.59 -0.23	24.93 1.10 -7.24	30.99 0.39 -23.53	34.93 1.80 -1.94	41.73 0.40 -34.34	57.12 -0.03 -57.75	63.30 -0.73 -77.73	316.80 -1.39 -341.32	66.35 -0.56 -76.60	43.05 0.99 -26.21	129.26 1.43 -108.14	30.40 1.41 -7.53	27.10 1.47 -2.10	27.30 1.40 0.00	33.11 1.17 -13.28	48.74 -0.25 -53.39	38.62 1.82 -7.82	33.96 2.24 -0.11	29.08 1.46 -7.76	33.91 1.03 -18.45	27.33 1.52 -6.72
GLENWOOD___4 23550	34.26 0.84 -21.51	29.52 1.28 -9.76	27.92 1.85 -0.32	27.84 1.76 -0.23	25.04 1.21 -7.24	31.03 0.42 -23.53	35.13 1.99 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.22 -0.81 -77.73	316.63 -1.56 -341.32	66.29 -0.62 -76.60	43.17 1.11 -26.21	129.41 1.58 -108.14	30.55 1.56 -7.53	27.26 1.62 -2.10	27.43 1.54 0.00	33.22 1.28 -13.28	48.71 -0.28 -53.39	38.81 2.01 -7.82	34.18 2.46 -0.11	29.21 1.60 -7.76	34.00 1.12 -18.45	27.46 1.65 -6.72
GLENWOOD___5 23614	34.26 0.84 -21.51	29.52 1.28 -9.76	27.92 1.85 -0.32	27.84 1.76 -0.23	25.04 1.21 -7.24	31.03 0.42 -23.53	35.13 1.99 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.22 -0.81 -77.73	316.63 -1.56 -341.32	66.29 -0.62 -76.60	43.17 1.11 -26.21	129.41 1.58 -108.14	30.55 1.56 -7.53	27.26 1.62 -2.10	27.43 1.54 0.00	33.22 1.28 -13.28	48.71 -0.28 -53.39	38.81 2.01 -7.82	34.18 2.46 -0.11	29.21 1.60 -7.76	34.00 1.12 -18.45	27.46 1.65 -6.72
GLOBAL GREEN_PORT_GT1 23814	34.56 1.15 -21.51	30.01 1.76 -9.76	28.59 2.52 -0.32	28.64 2.55 -0.23	25.53 1.70 -7.24	31.20 0.60 -23.53	36.24 3.11 -1.94	42.01 0.68 -34.34	57.09 -0.05 -57.75	62.94 -1.09 -77.73	316.03 -2.16 -341.32	66.10 -0.81 -76.60	43.60 1.54 -26.21	129.96 2.13 -108.14	31.04 2.05 -7.53	27.96 2.33 -2.10	27.87 1.97 0.00	33.54 1.60 -13.28	48.61 -0.37 -53.39	39.47 2.67 -7.82	35.02 3.30 -0.11	29.74 2.12 -7.76	34.48 1.60 -18.45	28.10 2.29 -6.72
GLOBE___DSASP 323697	16.02 -0.33 -4.44	19.79 -0.71 -2.02	23.73 -1.02 1.00	16.23 -1.00 8.63	9.69 -0.80 6.10	5.75 -0.34 0.98	19.11 -1.57 10.50	7.59 -0.30 -0.90	5.87 0.10 -6.38	2.03 0.47 -15.25	29.78 0.57 -52.34	7.57 -0.08 -17.34	20.31 -0.30 -4.76	20.45 -1.30 -2.06	19.61 -1.45 0.40	18.92 -1.56 3.06	15.63 -1.85 8.42	11.82 -1.27 5.57	5.53 0.27 -9.66	20.25 -2.11 6.62	19.28 -1.94 10.40	13.03 -1.06 5.76	10.99 -0.76 2.68	12.40 -1.03 5.66
GOETHSLN___LBMP 323567	34.01 0.60 -21.51	29.19 0.95 -9.76	27.51 1.44 -0.32	27.39 1.31 -0.23	24.78 0.94 -7.24	30.92 0.32 -23.53	34.56 1.43 -1.94	41.52 0.30 -34.22	56.24 -0.02 -56.87	63.46 -0.55 -77.71	207.07 -0.99 -231.19	63.71 -0.41 -73.81	37.51 0.75 -20.91	29.98 1.14 -9.15	24.50 1.11 -1.93	24.65 1.12 0.00	27.01 1.11 0.00	32.91 0.96 -13.28	48.79 -0.18 -53.38	38.28 1.48 -7.82	33.60 1.88 -0.11	28.84 1.23 -7.76	33.75 0.88 -18.45	25.71 1.30 -5.32
GOODYEAR_LAKE_HYD 323669	21.69 0.68 -9.10	23.64 1.03 -4.13	27.39 1.50 -0.13	27.34 1.39 -0.10	20.58 0.92 -3.07	17.55 0.34 -10.14	33.56 1.54 -0.84	22.15 0.36 -14.79	24.16 -0.01 -24.78	19.13 -0.65 -33.48	75.45 -1.03 -99.62	22.87 -0.44 -33.00	25.56 0.64 -9.06	24.48 0.84 -3.94	23.18 0.89 -0.83	24.62 1.09 0.00	27.14 1.24 0.00	25.41 1.02 -5.72	18.35 -0.23 -22.99	34.06 1.71 -3.37	33.67 2.01 -0.05	24.43 1.25 -3.33	23.11 0.87 -7.81	22.58 1.24 -2.25
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.41 0.32 -9.18	23.09 0.44 -4.16	26.67 0.78 -0.14	26.56 0.61 -0.10	20.07 0.37 -3.10	17.56 0.11 -10.38	32.55 0.50 -0.86	22.26 0.12 -15.15	24.78 0.02 -25.38	20.41 -0.18 -34.29	78.62 -0.26 -102.00	23.90 -0.20 -33.79	25.32 0.18 -9.27	23.85 0.12 -4.04	22.51 0.20 -0.85	23.93 0.40 0.00	26.33 0.43 0.00	24.89 0.37 -5.86	19.06 -0.09 -23.55	32.98 0.55 -3.45	32.40 0.74 -0.05	23.82 0.57 -3.40	22.74 0.44 -7.87	22.02 0.66 -2.27
GOUDEY___7 23579	21.42 0.33 -9.18	23.10 0.46 -4.16	26.68 0.80 -0.14	26.59 0.63 -0.10	20.08 0.39 -3.10	17.57 0.12 -10.38	32.56 0.52 -0.86	22.27 0.13 -15.15	24.78 0.02 -25.38	20.40 -0.19 -34.29	78.60 -0.27 -102.00	23.90 -0.20 -33.79	25.33 0.20 -9.27	23.87 0.14 -4.04	22.52 0.21 -0.85	23.95 0.42 0.00	26.35 0.46 0.00	24.90 0.38 -5.86	19.06 -0.09 -23.55	33.01 0.58 -3.45	32.43 0.77 -0.05	23.83 0.58 -3.40	22.75 0.45 -7.87	22.04 0.68 -2.27



GOUDEY___8	21.41	23.09	26.67	26.56	20.07	17.56	32.55	22.26	24.78	20.41	78.62	23.90	25.32	23.85	22.51	23.93	26.33	24.89	19.06	32.98	32.40	23.82	22.74	22.02
23580	0.32	0.44	0.78	0.61	0.37	0.11	0.50	0.12	0.02	-0.18	-0.26	-0.20	0.18	0.12	0.20	0.40	0.43	0.37	-0.09	0.55	0.74	0.57	0.44	0.66
	-9.18	-4.16	-0.14	-0.10	-3.10	-10.38	-0.86	-15.15	-25.38	-34.29	-102.00	-33.79	-9.27	-4.04	-0.85	0.00	0.00	-5.86	-23.55	-3.45	-0.05	-3.40	-7.87	-2.27
GOWANUS_GT1_1	34.16	29.42	27.74	27.58	24.88	30.97	34.78	41.68	56.89	63.36	206.86	66.39	37.79	30.26	24.78	24.94	27.33	33.14	48.74	38.60	33.98	29.11	33.94	25.93
24077	0.75	1.18	1.67	1.50	1.05	0.37	1.65	0.35	-0.01	-0.66	-1.22	-0.50	0.91	1.41	1.39	1.41	1.44	1.20	-0.23	1.80	2.26	1.50	1.07	1.52
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.33	-57.51	-77.71	-231.20	-76.59	-21.02	-9.15	-1.93	0.00	0.00	-13.28	-53.38	-7.82	-0.11	-7.76	-18.45	-5.32
GOWANUS_GT1_2	34.16	29.42	27.74	27.58	24.88	30.97	34.78	41.68	56.89	63.36	206.86	66.39	37.79	30.26	24.78	24.94	27.33	33.14	48.74	38.60	33.98	29.11	33.94	25.93
24078	0.75	1.18	1.67	1.50	1.05	0.37	1.65	0.35	-0.01	-0.66	-1.22	-0.50	0.91	1.41	1.39	1.41	1.44	1.20	-0.23	1.80	2.26	1.50	1.07	1.52
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.33	-57.51	-77.71	-231.20	-76.59	-21.02	-9.15	-1.93	0.00	0.00	-13.28	-53.38	-7.82	-0.11	-7.76	-18.45	-5.32
GOWANUS_GT1_3	34.16	29.42	27.74	27.58	24.88	30.97	34.78	41.68	56.89	63.36	206.86	66.39	37.79	30.26	24.78	24.94	27.33	33.14	48.74	38.60	33.98	29.11	33.94	25.93
24079	0.75	1.18	1.67	1.50	1.05	0.37	1.65	0.35	-0.01	-0.66	-1.22	-0.50	0.91	1.41	1.39	1.41	1.44	1.20	-0.23	1.80	2.26	1.50	1.07	1.52
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.33	-57.51	-77.71	-231.20	-76.59	-21.02	-9.15	-1.93	0.00	0.00	-13.28	-53.38	-7.82	-0.11	-7.76	-18.45	-5.32
GOWANUS_GT1_4	34.16	29.42	27.74	27.58	24.88	30.97	34.78	41.68	56.89	63.36	206.86	66.39	37.79	30.26	24.78	24.94	27.33	33.14	48.74	38.60	33.98	29.11	33.94	25.93
24080	0.75	1.18	1.67	1.50	1.05	0.37	1.65	0.35	-0.01	-0.66	-1.22	-0.50	0.91	1.41	1.39	1.41	1.44	1.20	-0.23	1.80	2.26	1.50	1.07	1.52
	-21.51	-9.76	-0.32	-0.23	-7.24	-23.53	-1.94	-34.33	-57.51	-77.71	-231.20	-76.59	-21.02	-9.15	-1.93	0.00	0.00	-13.28	-53.38	-7.82	-0.11	-7.76	-18.45	-5.32
GOWANUS_GT1_5	34.16	29.42	27.74	27.58	24.88	30.97	34.78	41.68	56.89	63.36	206.86	66.39	37.79	30.26	24.78	24.94	27.33	33.14	48.74	38.60	33.98	29.11	33.94	25.93
24084	0.75	1.18	1.67	1.50	1.05	0.37	1.65	0.35	-0.01	-0.66	-1.22	-0.50	0.91	1.41	1.39	1.41	1.44	1.20	-0.23	1.80	2.26	1.50	1.07	1.52



GOWANUS_GT2_7 24120	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT2_8 24121	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT3_1 24122	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT3_2 24123	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT3_3 24124	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT3_4 24125	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT3_5 24126	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT3_6 24127	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT3_7 24128	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT3_8 24129	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT4_1 24130	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT4_2 24131	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT4_3 24132	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT4_4 24133	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT4_5 24134	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32



GOWANUS_GT4_6 24135	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT4_7 24136	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GOWANUS_GT4_8 24137	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GREENIDGE___3 23582	17.82 0.24 -5.68	21.33 0.27 -2.58	28.29 0.47 -2.07	42.16 0.11 -16.19	32.72 0.04 -16.08	25.44 0.02 -18.35	51.92 -0.09 -20.83	29.49 0.03 -22.46	27.99 0.04 -28.56	12.58 -0.02 -26.30	42.37 0.14 -65.36	11.87 -0.09 -21.65	21.69 -0.11 -5.94	21.89 -0.39 -2.59	23.22 -0.32 -2.08	29.11 -0.03 -5.61	41.37 0.00 -15.48	38.12 -0.02 -19.47	15.06 -0.03 -19.49	46.57 0.01 -17.59	50.89 0.14 -19.14	35.93 0.18 -15.90	31.38 0.14 -16.82	33.21 0.27 -13.85
GREENIDGE___4 23583	17.82 0.24 -5.68	21.33 0.27 -2.58	28.29 0.47 -2.07	42.16 0.11 -16.19	32.72 0.04 -16.08	25.44 0.02 -18.35	51.92 -0.09 -20.83	29.49 0.03 -22.46	27.99 0.04 -28.56	12.58 -0.02 -26.30	42.37 0.14 -65.36	11.87 -0.09 -21.65	21.69 -0.11 -5.94	21.89 -0.39 -2.59	23.22 -0.32 -2.08	29.11 -0.03 -5.61	41.37 0.00 -15.48	38.12 -0.02 -19.47	15.06 -0.03 -19.49	46.57 0.01 -17.59	50.89 0.14 -19.14	35.93 0.18 -15.90	31.38 0.14 -16.82	33.21 0.27 -13.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
GRISSOM___SOLAR 323813	48.49 1.10 -35.48	36.32 1.74 -16.10	28.87 2.59 -0.53	28.72 2.49 -0.37	30.15 1.61 -11.94	46.44 0.67 -38.70	37.12 2.74 -3.20	64.10 0.64 -56.47	93.94 -0.05 -94.60	112.97 -1.15 -127.82	354.99 -2.16 -380.28	115.34 -0.94 -125.97	51.37 0.94 -34.57	35.62 0.88 -15.05	25.64 1.00 -3.17	24.67 1.13 0.00	27.80 1.90 0.00	42.21 1.71 -21.84	82.93 -0.41 -87.76	44.77 2.93 -12.86	35.00 3.21 -0.18	34.54 1.92 -12.78	46.20 1.34 -30.43	29.69 1.83 -8.77
GROVEVILLE___HYD 323602	34.25 0.71 -21.64	29.38 1.08 -9.82	27.62 1.54 -0.32	27.54 1.45 -0.23	24.87 1.00 -7.29	31.11 0.37 -23.67	34.82 1.68 -1.95	41.91 0.38 -34.53	57.22 -0.03 -57.86	63.72 -0.75 -78.17	208.09 -1.36 -232.57	66.78 -0.58 -77.05	37.97 0.97 -21.15	30.18 1.28 -9.21	24.65 1.25 -1.94	24.82 1.28 0.00	27.22 1.33 0.00	33.14 1.12 -13.36	49.04 -0.25 -53.70	38.65 1.80 -7.87	33.83 2.11 -0.11	29.03 1.37 -7.81	33.96 0.98 -18.56	25.84 1.40 -5.35
HAMPSHIRE___PAPER_HYD 323593	12.27 -0.44 -0.80	18.23 -0.61 -0.36	24.90 -0.86 -0.01	24.99 -0.88 -0.01	16.44 -0.43 -0.28	7.91 -0.22 -1.06	30.12 -1.15 -0.09	8.25 -0.29 -1.55	1.97 -0.01 -2.59	-9.63 0.57 -3.50	-11.08 1.28 -10.77	-4.31 0.48 -4.89	20.03 -0.76 -4.93	16.77 -0.99 1.93	25.09 -1.02 -4.66	27.15 -1.15 -4.76	29.98 -0.92 -5.01	22.80 -0.73 -4.86	-0.92 0.19 -3.31	28.33 -0.99 -0.35	31.90 -1.10 -1.38	19.67 -0.85 -0.67	15.10 -0.59 -1.26	18.76 -0.83 -0.50
HARDSCRABBLE_WT_PWR 323673	11.67 -0.24 0.00	18.05 -0.43 0.00	25.11 -0.64 0.00	25.08 -0.78 0.00	16.04 -0.57 -0.02	7.25 -0.28 -0.45	29.88 -1.35 -0.04	7.39 -0.27 -0.66	0.48 -0.02 -1.11	-11.75 0.46 -1.50	-18.14 0.55 -4.45	-8.04 0.18 -1.47	15.47 -0.79 -0.40	19.47 -0.93 -0.71	20.58 -0.91 -0.04	22.55 -0.98 0.00	24.97 -0.92 0.00	18.28 -0.64 -0.26	-3.21 0.18 -1.03	28.25 -0.88 -0.15	30.55 -1.06 0.00	19.38 -0.58 -0.11	13.93 -0.50 0.00	18.38 -0.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.08 0.63 -20.55	28.75 0.95 -9.33	27.44 1.38 -0.31	27.37 1.30 -0.22	24.41 0.90 -6.92	29.89 0.33 -22.49	34.50 1.46 -1.86	40.13 0.32 -32.81	54.35 -0.02 -54.97	59.95 -0.64 -74.28	196.71 -1.15 -220.99	63.02 -0.50 -73.21	36.78 0.83 -20.09	29.52 1.09 -8.75	24.38 1.08 -1.84	24.63 1.10 0.00	27.05 1.16 0.00	32.33 0.98 -12.69	46.40 -0.21 -51.02	38.02 1.57 -7.48	33.57 1.86 -0.10	28.49 1.22 -7.42	32.93 0.87 -17.63	25.45 1.28 -5.08
HARZA MOOSE___RIVER 24016	12.83 -0.06 -0.99	18.84 -0.09 -0.45	25.67 -0.10 -0.02	25.66 -0.20 -0.01	16.94 0.02 -0.34	8.31 -0.05 -1.28	30.92 -0.38 -0.11	8.76 -0.11 -1.87	2.52 -0.01 -3.14	-9.22 0.24 -4.24	-9.82 0.61 -12.70	-4.98 0.17 -4.53	17.78 -0.19 -2.12	26.21 -0.32 -6.84	22.37 -0.31 -1.22	24.40 -0.30 -1.16	27.06 -0.06 -1.23	20.36 -0.07 -1.77	-1.25 0.03 -3.13	29.35 -0.06 -0.43	31.96 0.00 -0.34	20.24 -0.10 -0.49	15.37 -0.05 -0.99	19.33 -0.07 -0.32
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.12 0.70 -21.51	29.35 1.11 -9.76	27.67 1.60 -0.32	27.58 1.49 -0.23	24.87 1.04 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.69 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.50 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.27 1.37 0.00	33.09 1.15 -13.28	48.75 -0.23 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
HEMPSTEAD____ 23647	34.32 0.90 -21.51	29.61 1.37 -9.76	28.04 1.97 -0.32	27.96 1.87 -0.23	25.11 1.28 -7.24	31.05 0.44 -23.53	35.28 2.15 -1.94	41.81 0.48 -34.34	57.11 -0.03 -57.75	63.19 -0.84 -77.73	316.55 -1.64 -341.32	66.29 -0.62 -76.60	43.19 1.13 -26.21	129.50 1.67 -108.14	30.61 1.62 -7.53	27.34 1.71 -2.10	27.42 1.53 0.00	33.23 1.29 -13.28	48.70 -0.28 -53.39	38.84 2.04 -7.82	34.29 2.57 -0.11	29.26 1.65 -7.76	34.05 1.17 -18.45	27.56 1.75 -6.72
HICKLING___I 23621	19.51 0.37 -7.24	22.22 0.46 -3.28	27.32 0.83 -0.74	31.60 0.53 -5.21	23.84 0.29 -6.96	19.19 0.09 -12.03	38.74 0.42 -7.13	23.36 0.12 -16.25	23.65 0.03 -24.23	15.01 -0.13 -28.83	58.39 -0.16 -81.68	17.12 -0.25 -27.06	23.46 0.17 -7.43	22.89 -0.04 -3.23	22.65 0.02 -1.17	25.76 0.42 -1.80	31.55 0.40 -5.26	28.70 0.29 -9.74	15.80 -0.07 -20.28	37.15 0.47 -7.70	38.47 0.68 -6.18	27.52 0.53 -7.14	24.89 0.41 -10.06	25.51 0.62 -5.80



HICKLING___2 23622	19.51 0.37 -7.24	22.22 0.46 -3.28	27.32 0.83 -0.74	31.60 0.53 -5.21	23.84 0.29 -6.96	19.19 0.09 -12.03	38.74 0.42 -7.13	23.36 0.12 -16.25	23.65 0.03 -24.23	15.01 -0.13 -28.83	58.39 -0.16 -81.68	17.12 -0.25 -27.06	23.46 0.17 -7.43	22.89 -0.04 -3.23	22.65 0.02 -1.17	25.76 0.42 -1.80	31.55 0.40 -5.26	28.70 0.29 -9.74	15.80 -0.07 -20.28	37.15 0.47 -7.70	38.47 0.68 -6.18	27.52 0.53 -7.14	24.89 0.41 -10.06	25.51 0.62 -5.80
HIGH FALLS___HY 23754	34.67 0.70 -22.06	29.56 1.08 -10.01	27.74 1.66 -0.33	27.64 1.55 -0.23	25.09 1.08 -7.43	31.59 0.40 -24.12	34.95 1.78 -1.99	42.58 0.39 -35.19	58.34 -0.02 -58.96	65.21 -0.75 -79.67	212.55 -1.34 -237.02	68.29 -0.54 -78.52	38.25 0.85 -21.55	30.24 1.17 -9.38	24.50 1.07 -1.98	24.63 1.10 0.00	27.07 1.17 0.00	33.36 1.08 -13.61	50.08 -0.23 -54.72	38.88 1.89 -8.02	33.99 2.27 -0.11	29.23 1.42 -7.96	34.35 1.01 -18.92	26.08 1.53 -5.46
HILLBURN___GT 23639	33.27 0.60 -20.77	28.82 0.92 -9.42	27.45 1.39 -0.31	27.37 1.29 -0.22	24.49 0.90 -6.99	30.12 0.33 -22.72	34.46 1.40 -1.88	40.45 0.30 -33.15	54.91 -0.02 -55.54	60.74 -0.60 -75.04	199.02 -1.10 -223.25	63.79 -0.48 -73.95	36.97 0.82 -20.30	29.63 1.10 -8.84	24.42 1.10 -1.86	24.63 1.10 0.00	27.03 1.14 0.00	32.44 0.95 -12.82	46.94 -0.20 -51.55	38.05 1.52 -7.55	33.54 1.82 -0.11	28.53 1.19 -7.50	33.09 0.86 -17.81	25.50 1.28 -5.13
HISHELDN_WT_PWR 323625	16.98 -0.10 -5.17	20.47 -0.35 -2.35	21.63 -0.50 3.62	-4.83 -0.69 30.00	-8.54 -0.52 24.60	-8.87 -0.22 15.72	-7.21 -1.06 37.33	-8.08 -0.20 14.88	-8.57 0.08 8.04	-1.17 0.46 -12.07	37.49 0.65 -59.97	10.13 -0.04 -19.86	21.03 -0.28 -5.45	21.09 -0.97 -2.37	18.06 -1.03 2.37	12.10 -0.95 10.48	-3.88 -0.93 28.84	-7.95 -0.68 25.94	1.37 0.17 -5.60	0.94 -1.32 26.71	-5.21 -1.12 35.70	-4.43 -0.60 23.68	-3.86 -0.43 17.85	-3.34 -0.50 21.94
HOLTSVILLE_IC_1 23690	34.31 0.89 -21.51	29.61 1.37 -9.76	28.07 2.00 -0.32	28.04 1.96 -0.23	25.16 1.33 -7.24	31.03 0.43 -23.53	35.34 2.21 -1.94	41.82 0.49 -34.34	57.11 -0.03 -57.75	63.29 -0.74 -77.73	316.66 -1.53 -341.32	66.36 -0.55 -76.60	43.16 1.09 -26.21	129.44 1.62 -108.14	30.53 1.54 -7.53	27.31 1.68 -2.10	27.24 1.35 0.00	33.09 1.15 -13.28	48.73 -0.26 -53.39	38.70 1.91 -7.82	34.13 2.41 -0.11	29.17 1.56 -7.76	34.06 1.18 -18.45	27.61 1.81 -6.72
HOLTSVILLE_IC_10 23699	34.37 0.95 -21.51	29.69 1.45 -9.76	28.15 2.08 -0.32	28.13 2.05 -0.23	25.21 1.38 -7.24	31.06 0.45 -23.53	35.51 2.38 -1.94	41.86 0.53 -34.34	57.10 -0.04 -57.75	63.21 -0.81 -77.73	316.51 -1.68 -341.32	66.30 -0.61 -76.60	43.26 1.19 -26.21	129.56 1.73 -108.14	30.64 1.65 -7.53	27.43 1.80 -2.10	27.33 1.44 0.00	33.17 1.23 -13.28	48.70 -0.28 -53.39	38.87 2.07 -7.82	34.31 2.58 -0.11	29.29 1.67 -7.76	34.14 1.26 -18.45	27.69 1.88 -6.72
HOLTSVILLE_IC_2 23691	34.31 0.89 -21.51	29.61 1.37 -9.76	28.07 2.00 -0.32	28.04 1.96 -0.23	25.16 1.33 -7.24	31.03 0.43 -23.53	35.34 2.21 -1.94	41.82 0.49 -34.34	57.11 -0.03 -57.75	63.29 -0.74 -77.73	316.66 -1.53 -341.32	66.36 -0.55 -76.60	43.16 1.09 -26.21	129.44 1.62 -108.14	30.53 1.54 -7.53	27.31 1.68 -2.10	27.24 1.35 0.00	33.09 1.15 -13.28	48.73 -0.26 -53.39	38.70 1.91 -7.82	34.13 2.41 -0.11	29.17 1.56 -7.76	34.06 1.18 -18.45	27.61 1.81 -6.72
HOLTSVILLE_IC_3 23692	34.31 0.89 -21.51	29.61 1.37 -9.76	28.07 2.00 -0.32	28.04 1.96 -0.23	25.16 1.33 -7.24	31.03 0.43 -23.53	35.34 2.21 -1.94	41.82 0.49 -34.34	57.11 -0.03 -57.75	63.29 -0.74 -77.73	316.66 -1.53 -341.32	66.36 -0.55 -76.60	43.16 1.09 -26.21	129.44 1.62 -108.14	30.53 1.54 -7.53	27.31 1.68 -2.10	27.24 1.35 0.00	33.09 1.15 -13.28	48.73 -0.26 -53.39	38.70 1.91 -7.82	34.13 2.41 -0.11	29.17 1.56 -7.76	34.06 1.18 -18.45	27.61 1.81 -6.72
HOLTSVILLE_IC_4 23693	34.31 0.89 -21.51	29.61 1.37 -9.76	28.07 2.00 -0.32	28.04 1.96 -0.23	25.16 1.33 -7.24	31.03 0.43 -23.53	35.34 2.21 -1.94	41.82 0.49 -34.34	57.11 -0.03 -57.75	63.29 -0.74 -77.73	316.66 -1.53 -341.32	66.36 -0.55 -76.60	43.16 1.09 -26.21	129.44 1.62 -108.14	30.53 1.54 -7.53	27.31 1.68 -2.10	27.24 1.35 0.00	33.09 1.15 -13.28	48.73 -0.26 -53.39	38.70 1.91 -7.82	34.13 2.41 -0.11	29.17 1.56 -7.76	34.06 1.18 -18.45	27.61 1.81 -6.72
HOLTSVILLE_IC_5 23694	34.31 0.89 -21.51	29.61 1.37 -9.76	28.07 2.00 -0.32	28.04 1.96 -0.23	25.16 1.33 -7.24	31.03 0.43 -23.53	35.34 2.21 -1.94	41.82 0.49 -34.34	57.11 -0.03 -57.75	63.29 -0.74 -77.73	316.66 -1.53 -341.32	66.36 -0.55 -76.60	43.16 1.09 -26.21	129.44 1.62 -108.14	30.53 1.54 -7.53	27.31 1.68 -2.10	27.24 1.35 0.00	33.09 1.15 -13.28	48.73 -0.26 -53.39	38.70 1.91 -7.82	34.13 2.41 -0.11	29.17 1.56 -7.76	34.06 1.18 -18.45	27.61 1.81 -6.72
HOLTSVILLE_IC_6 23695	34.37 0.95 -21.51	29.69 1.45 -9.76	28.15 2.08 -0.32	28.13 2.05 -0.23	25.21 1.38 -7.24	31.06 0.45 -23.53	35.51 2.38 -1.94	41.86 0.53 -34.34	57.10 -0.04 -57.75	63.21 -0.81 -77.73	316.51 -1.68 -341.32	66.30 -0.61 -76.60	43.26 1.19 -26.21	129.56 1.73 -108.14	30.64 1.65 -7.53	27.43 1.80 -2.10	27.33 1.44 0.00	33.17 1.23 -13.28	48.70 -0.28 -53.39	38.87 2.07 -7.82	34.31 2.58 -0.11	29.29 1.67 -7.76	34.14 1.26 -18.45	27.69 1.88 -6.72
HOLTSVILLE_IC_7 23696	34.37 0.95 -21.51	29.69 1.45 -9.76	28.15 2.08 -0.32	28.13 2.05 -0.23	25.21 1.38 -7.24	31.06 0.45 -23.53	35.51 2.38 -1.94	41.86 0.53 -34.34	57.10 -0.04 -57.75	63.21 -0.81 -77.73	316.51 -1.68 -341.32	66.30 -0.61 -76.60	43.26 1.19 -26.21	129.56 1.73 -108.14	30.64 1.65 -7.53	27.43 1.80 -2.10	27.33 1.44 0.00	33.17 1.23 -13.28	48.70 -0.28 -53.39	38.87 2.07 -7.82	34.31 2.58 -0.11	29.29 1.67 -7.76	34.14 1.26 -18.45	27.69 1.88 -6.72
HOLTSVILLE_IC_8 23697	34.37 0.95 -21.51	29.69 1.45 -9.76	28.15 2.08 -0.32	28.13 2.05 -0.23	25.21 1.38 -7.24	31.06 0.45 -23.53	35.51 2.38 -1.94	41.86 0.53 -34.34	57.10 -0.04 -57.75	63.21 -0.81 -77.73	316.51 -1.68 -341.32	66.30 -0.61 -76.60	43.26 1.19 -26.21	129.56 1.73 -108.14	30.64 1.65 -7.53	27.43 1.80 -2.10	27.33 1.44 0.00	33.17 1.23 -13.28	48.70 -0.28 -53.39	38.87 2.07 -7.82	34.31 2.58 -0.11	29.29 1.67 -7.76	34.14 1.26 -18.45	27.69 1.88 -6.72
HOLTSVILLE_IC_9 23698	34.37 0.95 -21.51	29.69 1.45 -9.76	28.15 2.08 -0.32	28.13 2.05 -0.23	25.21 1.38 -7.24	31.06 0.45 -23.53	35.51 2.38 -1.94	41.86 0.53 -34.34	57.10 -0.04 -57.75	63.21 -0.81 -77.73	316.51 -1.68 -341.32	66.30 -0.61 -76.60	43.26 1.19 -26.21	129.56 1.73 -108.14	30.64 1.65 -7.53	27.43 1.80 -2.10	27.33 1.44 0.00	33.17 1.23 -13.28	48.70 -0.28 -53.39	38.87 2.07 -7.82	34.31 2.58 -0.11	29.29 1.67 -7.76	34.14 1.26 -18.45	27.69 1.88 -6.72
HOWARD_WT_PWR 323690	17.95 0.02 -6.03	21.00 -0.22 -2.74	29.88 -0.16 -4.29	59.37 -0.68 -34.20	48.04 -0.54 -31.99	38.60 -0.26 -31.78	73.62 -1.07 -43.51	44.00 -0.23 -37.24	42.70 0.09 -43.21	19.30 0.62 -32.38	46.98 1.09 -69.02	13.37 0.19 -22.86	21.45 -0.68 -6.27	21.13 -1.29 -2.73	24.01 -1.28 -3.83	34.71 -0.73 -11.91	57.92 -0.77 -32.79	55.51 -0.49 -37.33	21.08 0.18 -25.30	62.74 -1.21 -34.97	71.04 -1.17 -40.60	50.65 -0.64 -31.44	44.46 -0.48 -30.51	46.42 -0.55 -27.89



HQ_GEN_CEDARS 23644	11.74 -0.16 0.00	18.31 -0.16 0.00	25.57 -0.18 0.00	25.75 -0.10 0.00	16.52 -0.07 0.00	7.05 -0.02 0.00	30.96 -0.23 0.00	6.93 -0.06 0.00	-0.62 -0.01 0.00	-13.60 0.09 0.00	-22.73 0.23 -0.17	-8.85 0.16 -0.68	17.52 -0.20 -1.86	17.64 -0.22 1.83	23.39 -0.21 -2.14	25.49 -0.27 -2.23	28.03 -0.21 -2.34	20.41 -0.25 -1.99	-3.92 0.06 -0.42	28.68 -0.30 0.00	31.82 -0.44 -0.64	19.65 -0.36 -0.16	14.46 -0.23 -0.27	18.87 -0.36 -0.14
HQ_GEN_CEDARS_PROXY 323590	11.74 -0.16 0.00	18.31 -0.16 0.00	25.57 -0.18 0.00	25.75 -0.10 0.00	16.52 -0.07 0.00	7.05 -0.02 0.00	30.96 -0.23 0.00	6.93 -0.06 0.00	-0.62 -0.01 0.00	-13.60 0.09 0.00	-22.73 0.23 -0.17	-8.85 0.16 -0.68	17.52 -0.20 -1.86	17.64 -0.22 1.83	23.39 -0.21 -2.14	25.49 -0.27 -2.23	28.03 -0.21 -2.34	20.41 -0.25 -1.99	-3.92 0.06 -0.42	28.68 -0.30 0.00	31.82 -0.44 -0.64	19.65 -0.36 -0.16	14.46 -0.23 -0.27	18.87 -0.36 -0.14
HQ_GEN_IMPORT 323601	11.78 -0.12 0.00	18.34 -0.13 0.00	25.58 -0.18 0.00	25.77 -0.09 0.00	16.88 -0.07 -0.36	7.05 -0.02 0.00	31.07 -0.12 0.00	6.95 -0.04 0.00	-0.61 0.00 0.00	-13.64 0.06 0.00	-23.03 0.10 0.00	-9.60 0.08 0.00	15.77 -0.08 0.00	19.31 -0.06 0.33	21.40 -0.06 0.00	23.44 -0.09 0.00	25.80 -0.09 0.00	18.53 -0.13 0.00	-4.37 0.04 0.00	28.77 -0.21 0.00	31.31 -0.30 0.00	19.63 -0.22 0.00	14.28 -0.14 0.00	18.86 -0.23 0.00
HQ_GEN_WHEEL 23651	11.78 -0.12 0.00	18.34 -0.13 0.00	25.58 -0.18 0.00	25.77 -0.09 0.00	16.88 -0.07 -0.36	7.05 -0.02 0.00	31.07 -0.12 0.00	6.95 -0.04 0.00	-0.61 0.00 0.00	-13.64 0.06 0.00	-23.03 0.10 0.00	-9.60 0.08 0.00	15.77 -0.08 0.00	19.31 -0.06 0.33	21.40 -0.06 0.00	23.44 -0.09 0.00	25.80 -0.09 0.00	18.53 -0.13 0.00	-4.37 0.04 0.00	28.77 -0.21 0.00	31.31 -0.30 0.00	19.63 -0.22 0.00	14.28 -0.14 0.00	18.86 -0.23 0.00
HUDSON AVE_GT_3 23810	34.10 0.69 -21.51	29.31 1.07 -9.76	27.63 1.56 -0.32	27.55 1.47 -0.23	24.86 1.03 -7.24	30.96 0.36 -23.53	34.76 1.63 -1.94	41.68 0.35 -34.33	56.88 -0.02 -57.51	63.34 -0.67 -77.71	206.87 -1.19 -231.19	66.40 -0.50 -76.59	37.76 0.88 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.85 1.32 0.00	27.22 1.33 0.00	33.06 1.11 -13.28	48.75 -0.22 -53.38	38.49 1.69 -7.82	33.81 2.09 -0.11	29.00 1.39 -7.76	33.86 0.99 -18.45	25.84 1.43 -5.32
HUDSON AVE_GT_4 23540	34.10 0.69 -21.51	29.31 1.07 -9.76	27.63 1.56 -0.32	27.55 1.47 -0.23	24.86 1.03 -7.24	30.96 0.36 -23.53	34.76 1.63 -1.94	41.68 0.35 -34.33	56.88 -0.02 -57.51	63.34 -0.67 -77.71	206.87 -1.19 -231.19	66.40 -0.50 -76.59	37.76 0.88 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.85 1.32 0.00	27.22 1.33 0.00	33.06 1.11 -13.28	48.75 -0.22 -53.38	38.49 1.69 -7.82	33.81 2.09 -0.11	29.00 1.39 -7.76	33.86 0.99 -18.45	25.84 1.43 -5.32
HUDSON AVE_GT_5 23657	34.10 0.69 -21.51	29.31 1.07 -9.76	27.63 1.56 -0.32	27.55 1.47 -0.23	24.86 1.03 -7.24	30.96 0.36 -23.53	34.76 1.63 -1.94	41.68 0.35 -34.33	56.88 -0.02 -57.51	63.34 -0.67 -77.71	206.87 -1.19 -231.19	66.40 -0.50 -76.59	37.76 0.88 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.85 1.32 0.00	27.22 1.33 0.00	33.06 1.11 -13.28	48.75 -0.22 -53.38	38.49 1.69 -7.82	33.81 2.09 -0.11	29.00 1.39 -7.76	33.86 0.99 -18.45	25.84 1.43 -5.32
HUDSON_AVE_10 24168	34.05 0.64 -21.51	29.24 0.99 -9.76	27.54 1.46 -0.32	27.48 1.39 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.69 1.56 -1.94	41.66 0.34 -34.33	56.89 -0.01 -57.51	63.38 -0.63 -77.71	206.97 -1.10 -231.19	66.44 -0.46 -76.59	37.68 0.81 -21.02	30.08 1.24 -9.15	24.60 1.22 -1.93	24.75 1.22 0.00	27.11 1.22 0.00	32.98 1.04 -13.28	48.78 -0.20 -53.38	38.37 1.57 -7.82	33.67 1.95 -0.11	28.92 1.31 -7.76	33.81 0.94 -18.45	25.77 1.36 -5.32
HUNTER MOUNT___DRP 323613	38.93 0.40 -26.63	31.13 0.57 -12.08	26.86 0.71 -0.40	26.79 0.66 -0.28	25.96 0.41 -8.96	36.29 0.15 -29.07	34.30 0.71 -2.40	49.59 0.18 -42.42	70.43 -0.03 -71.06	81.95 -0.37 -96.02	261.91 -0.62 -285.66	84.63 -0.31 -94.63	42.36 0.54 -25.97	31.31 0.31 -11.31	24.19 0.35 -2.38	23.86 0.32 0.00	26.20 0.31 0.00	35.39 0.32 -16.40	61.38 -0.12 -65.92	39.41 0.77 -9.66	32.45 0.70 -0.13	29.99 0.54 -9.60	37.66 0.40 -22.83	26.13 0.45 -6.58
HUNTINGTON_RES_REC 323705	34.38 0.96 -21.51	29.70 1.46 -9.76	28.18 2.11 -0.32	28.12 2.04 -0.23	25.21 1.38 -7.24	31.07 0.46 -23.53	35.48 2.35 -1.94	41.86 0.53 -34.34	57.10 -0.04 -57.75	63.15 -0.88 -77.73	316.42 -1.77 -341.32	66.25 -0.66 -76.60	43.31 1.25 -26.21	129.64 1.81 -108.14	30.71 1.72 -7.53	27.45 1.82 -2.10	27.43 1.53 0.00	33.24 1.30 -13.28	48.69 -0.30 -53.39	38.96 2.16 -7.82	34.41 2.69 -0.11	29.34 1.73 -7.76	34.14 1.26 -18.45	27.68 1.87 -6.72
HUNTLEY___63 23557	16.39 -0.05 -4.53	20.27 -0.27 -2.06	24.28 -0.39 1.08	16.18 -0.40 9.28	9.54 -0.41 6.64	5.54 -0.17 1.36	19.05 -0.82 11.31	7.39 -0.13 -0.52	5.61 0.10 -6.12	1.94 0.24 -15.39	30.35 0.20 -53.28	7.70 -0.26 -17.65	20.69 -0.01 -4.84	20.92 -0.88 -2.10	20.07 -0.93 0.46	19.33 -0.90 3.30	15.77 -1.05 9.07	11.77 -0.71 6.19	5.43 0.15 -9.69	20.53 -1.20 7.24	19.48 -0.92 11.21	13.06 -0.47 6.31	10.98 -0.33 3.12	12.51 -0.41 6.17
HUNTLEY___64 23558	16.39 -0.05 -4.53	20.27 -0.27 -2.06	24.28 -0.39 1.08	16.18 -0.40 9.28	9.54 -0.41 6.64	5.54 -0.17 1.36	19.05 -0.82 11.31	7.39 -0.13 -0.52	5.61 0.10 -6.12	1.94 0.24 -15.39	30.35 0.20 -53.28	7.70 -0.26 -17.65	20.69 -0.01 -4.84	20.92 -0.88 -2.10	20.07 -0.93 0.46	19.33 -0.90 3.30	15.77 -1.05 9.07	11.77 -0.71 6.19	5.43 0.15 -9.69	20.53 -1.20 7.24	19.48 -0.92 11.21	13.06 -0.47 6.31	10.98 -0.33 3.12	12.51 -0.41 6.17
HUNTLEY___65 23559	16.39 -0.05 -4.53	20.27 -0.27 -2.06	24.28 -0.39 1.08	16.18 -0.40 9.28	9.54 -0.41 6.64	5.54 -0.17 1.36	19.05 -0.82 11.31	7.39 -0.13 -0.52	5.61 0.10 -6.12	1.94 0.24 -15.39	30.35 0.20 -53.28	7.70 -0.26 -17.65	20.69 -0.01 -4.84	20.92 -0.88 -2.10	20.07 -0.93 0.46	19.33 -0.90 3.30	15.77 -1.05 9.07	11.77 -0.71 6.19	5.43 0.15 -9.69	20.53 -1.20 7.24	19.48 -0.92 11.21	13.06 -0.47 6.31	10.98 -0.33 3.12	12.51 -0.41 6.17
HUNTLEY___66 23560	16.39 -0.05 -4.53	20.27 -0.27 -2.06	24.28 -0.39 1.08	16.18 -0.40 9.28	9.54 -0.41 6.64	5.54 -0.17 1.36	19.05 -0.82 11.31	7.39 -0.13 -0.52	5.61 0.10 -6.12	1.94 0.24 -15.39	30.35 0.20 -53.28	7.70 -0.26 -17.65	20.69 -0.01 -4.84	20.92 -0.88 -2.10	20.07 -0.93 0.46	19.33 -0.90 3.30	15.77 -1.05 9.07	11.77 -0.71 6.19	5.43 0.15 -9.69	20.53 -1.20 7.24	19.48 -0.92 11.21	13.06 -0.47 6.31	10.98 -0.33 3.12	12.51 -0.41 6.17
HUNTLEY___67 23561	16.45 -0.08 -4.63	20.27 -0.30 -2.10	23.98 -0.50 1.27	14.44 -0.61 10.80	8.09 -0.55 7.94	4.48 -0.23 2.36	16.91 -1.06 13.22	6.27 -0.18 0.54	4.67 0.07 -5.20	1.93 0.32 -15.31	31.47 0.34 -54.26	8.11 -0.18 -17.97	20.67 -0.12 -4.93	20.94 -0.90 -2.15	19.90 -0.97 0.59	18.77 -0.94 3.82	14.29 -1.09 10.51	10.32 -0.75 7.60	5.25 0.15 -9.51	19.05 -1.28 8.64	17.61 -1.01 12.99	11.74 -0.55 7.56	9.89 -0.39 4.15	11.31 -0.47 7.31



HUNTLEY___68 23562	16.45 -0.08 -4.63	20.27 -0.30 -2.10	23.98 -0.50 1.27	14.44 -0.61 10.80	8.09 -0.55 7.94	4.48 -0.23 2.36	16.91 -1.06 13.22	6.27 -0.18 0.54	4.67 0.07 -5.20	1.93 0.32 -15.31	31.47 0.34 -54.26	8.11 -0.18 -17.97	20.67 -0.12 -4.93	20.94 -0.90 -2.15	19.90 -0.97 0.59	18.77 -0.94 3.82	14.29 -1.09 10.51	10.32 -0.75 7.60	5.25 0.15 -9.51	19.05 -1.28 8.64	17.61 -1.01 12.99	11.74 -0.55 7.56	9.89 -0.39 4.15	11.31 -0.47 7.31
HYLAND___LFGE 323620	17.49 0.59 -5.00	21.43 0.69 -2.27	31.26 0.75 -4.76	64.52 0.56 -38.10	51.92 0.25 -35.08	40.68 0.09 -33.52	80.15 0.62 -48.34	45.91 0.19 -38.72	42.95 0.06 -43.51	16.20 0.12 -29.78	35.34 0.30 -58.18	9.50 -0.09 -19.27	20.95 -0.20 -5.29	21.31 -0.68 -2.30	25.00 -0.56 -4.10	37.24 0.49 -13.21	62.40 0.14 -36.37	58.82 -0.21 -40.36	19.33 -0.06 -23.79	67.80 0.65 -38.18	77.64 0.99 -45.04	54.85 0.73 -34.27	47.32 0.50 -32.40	50.21 0.60 -30.52
INDECK___CORINTH 23802	44.01 0.30 -31.81	33.34 0.43 -14.43	26.70 0.47 -0.47	26.59 0.40 -0.33	27.58 0.29 -10.71	41.87 0.12 -34.68	34.57 0.52 -2.86	57.74 0.13 -50.61	84.15 -0.03 -84.78	100.61 -0.26 -114.56	317.15 -0.55 -340.83	102.92 -0.30 -112.90	47.10 0.26 -30.99	33.22 0.04 -13.49	24.37 0.07 -2.84	23.60 0.06 0.00	25.89 -0.01 0.00	38.37 0.14 -19.57	74.17 -0.07 -78.65	40.84 0.34 -11.53	31.76 -0.01 -0.16	31.55 0.25 -11.46	41.90 0.19 -27.28	27.01 0.05 -7.87
INDECK___ILION 23567	11.82 -0.08 0.00	18.32 -0.16 0.00	25.53 -0.22 0.00	25.56 -0.29 0.00	16.41 -0.20 -0.02	7.42 -0.10 -0.45	30.72 -0.51 -0.04	7.55 -0.11 -0.66	0.49 0.00 -1.11	-12.03 0.18 -1.50	-18.47 0.21 -4.45	-8.15 0.06 -1.47	15.95 -0.31 -0.40	20.01 -0.39 -0.71	21.09 -0.41 -0.04	23.09 -0.45 0.00	25.47 -0.42 0.00	18.66 -0.26 -0.26	-3.32 0.06 -1.03	28.77 -0.36 -0.15	31.19 -0.42 0.00	19.74 -0.22 -0.11	14.26 -0.17 0.00	18.84 -0.25 0.00
INDECK___OLEAN 23982	17.75 0.42 -5.43	21.40 0.46 -2.46	26.54 1.02 0.23	24.26 0.84 2.44	16.61 0.37 0.35	11.74 0.12 -4.55	29.11 0.56 2.64	14.44 0.13 -7.31	13.12 0.07 -13.66	6.56 -0.12 -20.38	39.22 -0.29 -62.64	10.66 -0.40 -20.75	21.80 0.25 -5.69	22.01 -0.16 -2.48	21.99 0.16 -0.36	23.43 0.49 0.59	24.73 0.45 1.61	20.95 0.29 -2.00	9.72 -0.04 -14.17	29.76 0.25 -0.54	30.30 0.66 1.97	21.00 0.49 -0.67	18.36 0.45 -3.48	19.92 0.75 -0.07
INDECK___OSWEGO 23783	14.04 -0.12 -2.26	19.27 -0.23 -1.02	25.42 -0.37 -0.03	25.46 -0.42 -0.02	17.09 -0.28 -0.78	9.97 -0.19 -3.09	30.64 -0.80 -0.25	11.34 -0.17 -4.51	6.97 0.02 -7.55	-3.15 0.34 -10.21	7.89 0.66 -30.37	0.57 0.20 -10.06	18.18 -0.44 -2.76	19.49 -0.67 -0.47	21.00 -0.71 -0.25	22.85 -0.68 0.00	25.20 -0.69 0.00	19.96 -0.45 -1.74	2.70 0.09 -7.01	29.33 -0.67 -1.03	30.97 -0.66 -0.01	20.54 -0.28 -0.97	16.19 -0.18 -1.94	19.42 -0.23 -0.56
INDECK___YERKES 23781	16.40 -0.03 -4.53	20.29 -0.25 -2.06	24.30 -0.37 1.08	16.20 -0.38 9.28	9.55 -0.40 6.64	5.55 -0.16 1.36	19.07 -0.80 11.31	7.39 -0.12 -0.52	5.61 0.10 -6.12	1.93 0.23 -15.39	30.33 0.17 -53.28	7.70 -0.27 -17.65	20.71 0.01 -4.84	20.94 -0.86 -2.10	20.09 -0.91 0.46	19.35 -0.88 3.30	15.80 -1.02 9.07	11.79 -0.69 6.19	5.43 0.15 -9.69	20.56 -1.18 7.24	19.50 -0.89 11.21	13.08 -0.45 6.31	10.99 -0.32 3.12	12.52 -0.39 6.17
INDIAN POINT_GT_1 24139	33.86 0.62 -21.35	29.10 0.94 -9.69	27.42 1.35 -0.32	27.34 1.26 -0.22	24.66 0.88 -7.19	30.74 0.31 -23.35	34.53 1.42 -1.93	41.38 0.31 -34.07	56.45 -0.02 -57.08	62.81 -0.61 -77.12	205.20 -1.12 -229.45	65.85 -0.47 -76.01	37.53 0.82 -20.86	29.92 1.15 -9.08	24.51 1.13 -1.91	24.67 1.14 0.00	27.04 1.14 0.00	32.80 0.97 -13.18	48.37 -0.20 -52.98	38.27 1.53 -7.77	33.55 1.84 -0.11	28.77 1.22 -7.71	33.60 0.86 -18.31	25.64 1.27 -5.28
INDIAN POINT_GT_2 23659	33.86 0.62 -21.35	29.10 0.94 -9.69	27.42 1.35 -0.32	27.34 1.26 -0.22	24.66 0.88 -7.19	30.74 0.31 -23.35	34.53 1.42 -1.93	41.38 0.31 -34.07	56.45 -0.02 -57.08	62.81 -0.61 -77.12	205.20 -1.12 -229.45	65.85 -0.47 -76.01	37.53 0.82 -20.86	29.92 1.15 -9.08	24.51 1.13 -1.91	24.67 1.14 0.00	27.04 1.14 0.00	32.80 0.97 -13.18	48.37 -0.20 -52.98	38.27 1.53 -7.77	33.55 1.84 -0.11	28.77 1.22 -7.71	33.60 0.86 -18.31	25.64 1.27 -5.28
INDIAN POINT_GT_3 24019	33.86 0.62 -21.35	29.10 0.94 -9.69	27.42 1.35 -0.32	27.34 1.26 -0.22	24.66 0.88 -7.19	30.74 0.31 -23.35	34.53 1.42 -1.93	41.38 0.31 -34.07	56.45 -0.02 -57.08	62.81 -0.61 -77.12	205.20 -1.12 -229.45	65.85 -0.47 -76.01	37.53 0.82 -20.86	29.92 1.15 -9.08	24.51 1.13 -1.91	24.67 1.14 0.00	27.04 1.14 0.00	32.80 0.97 -13.18	48.37 -0.20 -52.98	38.27 1.53 -7.77	33.55 1.84 -0.11	28.77 1.22 -7.71	33.60 0.86 -18.31	25.64 1.27 -5.28
INDIAN POINT___2 23530	33.66 0.61 -21.14	29.01 0.93 -9.59	27.41 1.34 -0.31	27.34 1.26 -0.22	24.59 0.88 -7.12	30.51 0.31 -23.13	34.51 1.41 -1.91	41.05 0.31 -33.75	55.91 -0.02 -56.54	62.09 -0.61 -76.39	203.04 -1.11 -227.28	65.12 -0.47 -75.29	37.33 0.81 -20.66	29.82 1.13 -9.00	24.47 1.11 -1.90	24.66 1.12 0.00	27.02 1.13 0.00	32.68 0.96 -13.05	47.87 -0.20 -52.48	38.18 1.52 -7.69	33.54 1.82 -0.11	28.69 1.21 -7.63	33.42 0.86 -18.13	25.58 1.26 -5.23
INDIAN POINT___3 23531	33.86 0.61 -21.35	29.09 0.92 -9.69	27.40 1.33 -0.32	27.33 1.25 -0.22	24.65 0.87 -7.19	30.74 0.31 -23.36	34.51 1.39 -1.93	41.38 0.31 -34.08	56.47 -0.02 -57.10	62.84 -0.61 -77.15	205.29 -1.10 -229.52	65.87 -0.47 -76.03	37.53 0.81 -20.87	29.90 1.13 -9.09	24.49 1.11 -1.91	24.65 1.12 0.00	27.01 1.12 0.00	32.79 0.95 -13.18	48.39 -0.20 -53.00	38.25 1.50 -7.77	33.52 1.81 -0.11	28.75 1.20 -7.71	33.59 0.85 -18.31	25.62 1.25 -5.28
IP CORINTH___1 23988	44.08 0.37 -31.81	33.44 0.53 -14.43	26.85 0.62 -0.47	26.73 0.54 -0.33	27.68 0.38 -10.71	41.91 0.16 -34.68	34.76 0.71 -2.86	57.78 0.17 -50.61	84.14 -0.03 -84.78	100.53 -0.34 -114.56	317.01 -0.69 -340.83	102.86 -0.35 -112.90	47.19 0.35 -30.99	33.33 0.14 -13.49	24.49 0.19 -2.84	23.73 0.20 0.00	26.04 0.14 0.00	38.49 0.25 -19.57	74.14 -0.10 -78.65	41.01 0.51 -11.53	31.95 0.18 -0.16	31.67 0.36 -11.46	41.98 0.27 -27.28	27.12 0.16 -7.87
IP___TICONDEROGA 23804	44.60 0.95 -31.74	34.31 1.43 -14.41	28.15 1.93 -0.47	27.96 1.77 -0.33	28.46 1.18 -10.68	42.23 0.54 -34.61	36.32 2.28 -2.86	58.00 0.51 -50.50	83.95 -0.06 -84.61	99.58 -1.06 -114.33	315.06 -1.95 -340.14	102.13 -0.86 -112.68	47.86 1.08 -30.92	33.81 0.65 -13.47	25.15 0.85 -2.84	24.51 0.98 0.00	26.85 0.95 0.00	39.35 1.16 -19.53	73.78 -0.30 -78.49	42.40 1.92 -11.50	33.00 1.23 -0.16	32.58 1.30 -11.43	42.65 1.00 -27.22	28.00 1.06 -7.85
ISLIP_RES_REC 323679	34.41 0.99 -21.51	29.76 1.51 -9.76	28.23 2.16 -0.32	28.21 2.13 -0.23	25.26 1.43 -7.24	31.08 0.47 -23.53	35.61 2.48 -1.94	41.89 0.55 -34.34	57.10 -0.04 -57.75	63.15 -0.87 -77.73	316.42 -1.77 -341.32	66.26 -0.65 -76.60	43.32 1.26 -26.21	129.64 1.81 -108.14	30.72 1.73 -7.53	27.52 1.89 -2.10	27.40 1.50 0.00	33.23 1.28 -13.28	48.69 -0.30 -53.39	38.99 2.19 -7.82	34.44 2.72 -0.11	29.37 1.76 -7.76	34.19 1.31 -18.45	27.75 1.94 -6.72



JANIS____SOLAR 323808	20.30 0.62 -7.78	22.88 0.87 -3.53	27.43 1.24 -0.44	29.71 1.12 -2.73	22.23 0.68 -4.96	18.11 0.25 -10.79	36.37 1.14 -4.04	22.33 0.28 -15.05	23.11 0.00 -23.72	15.85 -0.50 -30.05	63.67 -0.49 -87.29	19.10 -0.12 -28.92	23.79 0.00 -7.94	23.05 -0.09 -3.46	22.50 0.06 -0.98	24.97 0.51 -0.93	29.26 0.81 -2.56	26.98 0.71 -7.61	16.26 -0.22 -20.88	35.87 1.41 -5.49	36.41 1.60 -3.19	25.94 0.91 -5.18	23.76 0.68 -8.66	23.99 0.91 -3.99
JARVIS____ 23743	11.89 -0.01 0.00	18.44 -0.04 0.00	25.70 -0.05 0.00	25.78 -0.08 0.00	16.55 -0.05 -0.02	7.49 -0.04 -0.45	31.07 -0.16 -0.04	7.63 -0.03 -0.66	0.50 0.00 -1.11	-12.15 0.06 -1.50	-18.60 0.08 -4.45	-8.20 0.02 -1.47	16.20 -0.06 -0.40	20.31 -0.10 -0.71	21.38 -0.12 -0.04	23.41 -0.12 0.00	25.77 -0.13 0.00	18.85 -0.07 -0.26	-3.37 0.01 -1.03	29.02 -0.11 -0.15	31.51 -0.10 0.00	19.93 -0.04 -0.11	14.40 -0.03 0.00	19.05 -0.04 0.00
JENNISON____1 23625	22.63 0.71 -10.02	24.06 1.04 -4.55	27.64 1.55 -0.33	28.89 1.42 -1.62	22.18 0.88 -4.72	19.75 0.34 -12.34	35.51 1.51 -2.82	24.95 0.35 -17.60	28.03 -0.01 -28.64	23.24 -0.62 -37.56	86.49 -0.92 -110.54	26.56 -0.37 -36.62	26.34 0.43 -10.05	24.54 0.47 -4.38	23.10 0.57 -1.07	25.03 0.97 -0.53	28.51 1.15 -1.47	27.46 0.95 -7.85	21.28 -0.26 -25.94	35.84 1.66 -5.20	35.37 1.88 -1.87	26.00 1.15 -5.01	25.01 0.85 -9.74	23.95 1.19 -3.67
JENNISON____2 23626	22.63 0.71 -10.02	24.06 1.04 -4.55	27.64 1.55 -0.33	28.89 1.42 -1.62	22.18 0.88 -4.72	19.75 0.34 -12.34	35.51 1.51 -2.82	24.95 0.35 -17.60	28.03 -0.01 -28.64	23.24 -0.62 -37.56	86.49 -0.92 -110.54	26.56 -0.37 -36.62	26.34 0.43 -10.05	24.54 0.47 -4.38	23.10 0.57 -1.07	25.03 0.97 -0.53	28.51 1.15 -1.47	27.46 0.95 -7.85	21.28 -0.26 -25.94	35.84 1.66 -5.20	35.37 1.88 -1.87	26.00 1.15 -5.01	25.01 0.85 -9.74	23.95 1.19 -3.67
JERICHO_RISE_WT_PWR 323719	11.98 0.08 0.00	18.64 0.16 0.00	25.83 0.08 0.00	25.93 0.07 0.00	16.65 0.07 0.00	7.14 0.07 0.00	31.28 0.09 0.00	7.06 0.06 0.00	-0.68 -0.07 0.00	-13.66 0.04 0.00	-26.31 0.43 3.61	-23.49 0.34 14.14	-23.71 -0.62 38.95	-23.83 -0.74 42.78	-24.05 -0.87 44.64	-24.09 -1.12 46.51	-24.26 -1.22 48.93	-23.76 -0.91 41.52	-12.83 0.14 8.56	28.29 -0.68 0.00	17.18 -1.09 13.33	15.64 -0.90 3.31	8.14 -0.64 5.65	15.22 -0.94 2.93
KCE_NY_1 323755	44.06 0.50 -31.65	33.59 0.75 -14.36	27.19 0.96 -0.47	27.07 0.88 -0.33	27.82 0.58 -10.65	41.83 0.24 -34.52	35.06 1.02 -2.85	57.62 0.26 -50.36	83.73 -0.03 -84.37	99.80 -0.51 -114.00	315.07 -0.98 -339.17	102.19 -0.47 -112.36	47.36 0.66 -30.84	33.71 0.59 -13.43	24.94 0.64 -2.83	24.22 0.69 0.00	26.61 0.71 0.00	38.74 0.60 -19.48	73.68 -0.17 -78.26	41.43 0.99 -11.47	32.67 0.90 -0.16	31.95 0.70 -11.40	42.09 0.52 -27.15	27.51 0.59 -7.83
KCE_NY_6_ESR 323823	16.79 0.06 -4.82	20.59 -0.08 -2.19	24.28 -0.15 1.32	14.29 -0.29 11.27	7.95 -0.35 8.29	4.43 -0.14 2.50	16.73 -0.66 13.80	6.29 -0.10 0.60	4.82 0.07 -5.36	2.39 0.19 -15.89	33.36 0.14 -56.35	8.72 -0.26 -18.67	21.02 0.04 -5.12	21.26 -0.66 -2.23	20.14 -0.69 0.63	18.87 -0.64 4.02	14.09 -0.74 11.06	10.14 -0.49 8.04	5.50 0.10 -9.81	18.97 -0.89 9.11	17.35 -0.59 13.67	11.58 -0.29 7.98	9.82 -0.20 4.41	11.18 -0.21 7.70
KEDC_PORT_JEFF_GT2 24210	34.34 0.93 -21.51	29.66 1.42 -9.76	28.13 2.05 -0.32	28.10 2.02 -0.23	25.20 1.36 -7.24	31.05 0.45 -23.53	35.45 2.31 -1.94	41.84 0.51 -34.34	57.11 -0.04 -57.75	63.24 -0.79 -77.73	316.56 -1.63 -341.32	66.32 -0.60 -76.60	43.22 1.16 -26.21	129.53 1.70 -108.14	30.62 1.62 -7.53	27.40 1.76 -2.10	27.31 1.42 0.00	33.15 1.21 -13.28	48.71 -0.28 -53.39	38.82 2.02 -7.82	34.25 2.53 -0.11	29.25 1.63 -7.76	34.11 1.23 -18.45	27.66 1.86 -6.72
KEDC_PORT_JEFF_GT3 24211	34.34 0.93 -21.51	29.66 1.42 -9.76	28.13 2.05 -0.32	28.10 2.02 -0.23	25.20 1.36 -7.24	31.05 0.45 -23.53	35.45 2.31 -1.94	41.84 0.51 -34.34	57.11 -0.04 -57.75	63.24 -0.79 -77.73	316.56 -1.63 -341.32	66.32 -0.60 -76.60	43.22 1.16 -26.21	129.53 1.70 -108.14	30.62 1.62 -7.53	27.40 1.76 -2.10	27.31 1.42 0.00	33.15 1.21 -13.28	48.71 -0.28 -53.39	38.82 2.02 -7.82	34.25 2.53 -0.11	29.25 1.63 -7.76	34.11 1.23 -18.45	27.66 1.86 -6.72
KEDC_GLWD_GT4 24219	34.26 0.84 -21.51	29.52 1.28 -9.76	27.92 1.85 -0.32	27.84 1.76 -0.23	25.04 1.21 -7.24	31.03 0.42 -23.53	35.13 1.99 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.22 -0.81 -77.73	316.63 -1.56 -341.32	66.29 -0.62 -76.60	43.17 1.11 -26.21	129.41 1.58 -108.14	30.55 1.56 -7.53	27.26 1.62 -2.10	27.43 1.54 0.00	33.22 1.28 -13.28	48.71 -0.28 -53.39	38.81 2.01 -7.82	34.18 2.46 -0.11	29.21 1.60 -7.76	34.00 1.12 -18.45	27.46 1.65 -6.72
KEDC_GLWD_GT5 24220	34.26 0.84 -21.51	29.52 1.28 -9.76	27.92 1.85 -0.32	27.84 1.76 -0.23	25.04 1.21 -7.24	31.03 0.42 -23.53	35.13 1.99 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.22 -0.81 -77.73	316.63 -1.56 -341.32	66.29 -0.62 -76.60	43.17 1.11 -26.21	129.41 1.58 -108.14	30.55 1.56 -7.53	27.26 1.62 -2.10	27.43 1.54 0.00	33.22 1.28 -13.28	48.71 -0.28 -53.39	38.81 2.01 -7.82	34.18 2.46 -0.11	29.21 1.60 -7.76	34.00 1.12 -18.45	27.46 1.65 -6.72
KENSICO____ 23655	34.01 0.65 -21.47	29.21 0.99 -9.74	27.49 1.42 -0.32	27.42 1.33 -0.23	24.74 0.93 -7.23	30.88 0.33 -23.48	34.62 1.49 -1.94	41.58 0.33 -34.26	56.76 -0.02 -57.39	63.21 -0.64 -77.55	206.41 -1.17 -230.71	66.24 -0.49 -76.43	37.69 0.86 -20.98	30.04 1.21 -9.13	24.58 1.20 -1.93	24.75 1.21 0.00	27.11 1.22 0.00	32.93 1.02 -13.25	48.65 -0.21 -53.27	38.38 1.60 -7.81	33.65 1.93 -0.11	28.87 1.28 -7.75	33.74 0.91 -18.41	25.72 1.32 -5.31
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.61 0.71 -21.00	29.08 1.07 -9.53	27.67 1.61 -0.31	27.58 1.51 -0.22	24.70 1.04 -7.07	30.44 0.39 -22.98	34.82 1.74 -1.90	40.90 0.38 -33.53	55.54 -0.01 -56.17	61.44 -0.75 -75.89	201.31 -1.34 -225.78	64.56 -0.54 -74.80	37.24 0.86 -20.53	29.75 1.12 -8.94	24.37 1.03 -1.88	24.60 1.07 0.00	27.02 1.13 0.00	32.66 1.03 -12.97	47.49 -0.23 -52.13	38.46 1.84 -7.64	33.90 2.18 -0.11	28.82 1.39 -7.58	33.42 0.98 -18.01	25.74 1.46 -5.19
KIAC_JFK_GT1 23816	34.00 0.59 -21.51	29.18 0.94 -9.76	27.44 1.37 -0.32	27.48 1.40 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.73 1.60 -1.94	41.66 0.34 -34.33	56.89 -0.01 -57.51	63.39 -0.62 -77.71	207.05 -1.01 -231.19	66.47 -0.43 -76.59	37.63 0.76 -21.02	30.04 1.20 -9.15	24.54 1.15 -1.93	24.64 1.10 0.00	27.00 1.10 0.00	32.92 0.98 -13.28	48.79 -0.18 -53.38	38.26 1.46 -7.82	33.54 1.83 -0.11	28.87 1.26 -7.76	33.79 0.92 -18.45	25.74 1.33 -5.32
KIAC_JFK_GT2 23817	34.00 0.59 -21.51	29.18 0.94 -9.76	27.44 1.37 -0.32	27.48 1.40 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.73 1.60 -1.94	41.66 0.34 -34.33	56.89 -0.01 -57.51	63.39 -0.62 -77.71	207.05 -1.01 -231.19	66.47 -0.43 -76.59	37.63 0.76 -21.02	30.04 1.20 -9.15	24.54 1.15 -1.93	24.64 1.10 0.00	27.00 1.10 0.00	32.92 0.98 -13.28	48.79 -0.18 -53.38	38.26 1.46 -7.82	33.54 1.83 -0.11	28.87 1.26 -7.76	33.79 0.92 -18.45	25.74 1.33 -5.32



KIAC_JFK____ 323774	34.00 0.59 -21.51	29.18 0.94 -9.76	27.44 1.37 -0.32	27.48 1.40 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.73 1.60 -1.94	41.66 0.34 -34.33	56.89 -0.01 -57.51	63.39 -0.62 -77.71	207.05 -1.01 -231.19	66.47 -0.43 -76.59	37.63 0.76 -21.02	30.04 1.20 -9.15	24.54 1.15 -1.93	24.64 1.10 0.00	27.00 1.10 0.00	32.92 0.98 -13.28	48.79 -0.18 -53.38	38.26 1.46 -7.82	33.54 1.83 -0.11	28.87 1.26 -7.76	33.79 0.92 -18.45	25.74 1.33 -5.32
KINTIGH____ 23543	15.78 -0.12 -4.00	19.95 -0.34 -1.81	24.55 -0.58 0.63	19.62 -0.69 5.55	12.47 -0.57 3.55	7.59 -0.25 -0.77	23.37 -1.15 6.66	9.42 -0.21 -2.63	7.01 0.05 -7.56	1.15 0.36 -14.49	24.95 0.46 -47.62	6.01 -0.07 -15.78	19.93 -0.26 -4.33	20.65 -0.93 -1.89	20.33 -0.98 0.14	20.62 -0.94 1.97	19.37 -1.10 5.43	15.10 -0.77 2.80	5.17 0.14 -9.43	23.90 -1.27 3.80	23.87 -1.04 6.70	16.03 -0.56 3.26	13.28 -0.39 0.76	15.24 -0.48 3.37
LACHUTE__HYDRO 323717	44.60 0.95 -31.74	34.31 1.43 -14.41	28.15 1.93 -0.47	27.96 1.77 -0.33	28.46 1.18 -10.68	42.23 0.54 -34.61	36.32 2.28 -2.86	58.00 0.51 -50.50	83.95 -0.06 -84.61	99.58 -1.06 -114.33	315.06 -1.95 -340.14	102.13 -0.86 -112.68	47.86 1.08 -30.92	33.81 0.65 -13.47	25.15 0.85 -2.84	24.51 0.98 0.00	26.85 0.95 0.00	39.35 1.16 -19.53	73.78 -0.30 -78.49	42.40 1.92 -11.50	33.00 1.23 -0.16	32.58 1.30 -11.43	42.65 1.00 -27.22	28.00 1.06 -7.85
LEDERLE____ 23769	33.49 0.66 -20.92	28.98 1.00 -9.49	27.52 1.46 -0.31	27.46 1.38 -0.22	24.59 0.95 -7.05	30.31 0.35 -22.89	34.62 1.54 -1.89	40.73 0.34 -33.39	55.31 -0.02 -55.94	61.21 -0.68 -75.59	200.53 -1.23 -224.89	64.28 -0.53 -74.50	37.20 0.90 -20.45	29.80 1.20 -8.90	24.54 1.20 -1.88	24.75 1.22 0.00	27.15 1.26 0.00	32.64 1.05 -12.91	47.29 -0.23 -51.93	38.26 1.68 -7.61	33.70 1.99 -0.11	28.71 1.31 -7.55	33.30 0.93 -17.94	25.62 1.35 -5.17
LINDEN COGEN____ 23786	34.01 0.59 -21.51	29.18 0.94 -9.76	27.50 1.43 -0.32	27.38 1.30 -0.23	24.78 0.94 -7.24	30.92 0.32 -23.53	34.55 1.42 -1.94	41.52 0.30 -34.22	56.25 -0.01 -56.87	63.46 -0.54 -77.71	207.08 -0.97 -231.19	63.71 -0.42 -73.81	37.50 0.74 -20.91	29.98 1.14 -9.15	24.49 1.10 -1.93	24.64 1.11 0.00	27.00 1.11 0.00	32.89 0.95 -13.28	48.79 -0.18 -53.38	38.28 1.48 -7.82	33.59 1.87 -0.11	28.83 1.22 -7.76	33.74 0.87 -18.45	25.71 1.30 -5.32
LIPA_MISC_IPP 23656	34.23 0.81 -21.51	29.52 1.27 -9.76	27.98 1.90 -0.32	27.98 1.90 -0.23	25.13 1.29 -7.24	31.02 0.42 -23.53	35.32 2.19 -1.94	41.80 0.47 -34.34	57.11 -0.03 -57.75	63.37 -0.65 -77.73	316.81 -1.39 -341.32	66.43 -0.49 -76.60	43.08 1.01 -26.21	129.33 1.50 -108.14	30.38 1.39 -7.53	27.21 1.57 -2.10	27.10 1.20 0.00	32.99 1.05 -13.28	48.75 -0.23 -53.39	38.55 1.75 -7.82	33.94 2.22 -0.11	29.05 1.43 -7.76	33.99 1.11 -18.45	27.54 1.73 -6.72
LISF__SOLAR 323691	34.24 0.82 -21.51	29.52 1.28 -9.76	28.00 1.93 -0.32	28.01 1.93 -0.23	25.14 1.31 -7.24	31.03 0.42 -23.53	35.34 2.21 -1.94	41.80 0.48 -34.34	57.11 -0.03 -57.75	63.37 -0.66 -77.73	316.79 -1.40 -341.32	66.42 -0.49 -76.60	43.08 1.02 -26.21	129.33 1.50 -108.14	30.39 1.40 -7.53	27.21 1.58 -2.10	27.08 1.19 0.00	32.98 1.04 -13.28	48.75 -0.23 -53.39	38.56 1.75 -7.82	33.96 2.24 -0.11	29.05 1.44 -7.76	34.00 1.12 -18.45	27.56 1.75 -6.72
LITTLE FALLS__HYD 24013	11.64 -0.26 0.00	18.00 -0.48 0.00	25.08 -0.67 0.00	25.04 -0.82 0.00	16.05 -0.55 -0.02	7.26 -0.26 -0.45	29.94 -1.29 -0.04	7.39 -0.26 -0.66	0.49 -0.01 -1.11	-11.73 0.47 -1.50	-18.10 0.58 -4.45	-8.02 0.20 -1.47	15.48 -0.79 -0.40	19.44 -0.97 -0.71	20.52 -0.97 -0.04	22.44 -1.10 0.00	24.84 -1.06 0.00	18.22 -0.70 -0.26	-3.21 0.17 -1.03	28.17 -0.96 -0.15	30.46 -1.16 0.00	19.34 -0.61 -0.11	13.94 -0.49 0.00	18.41 -0.69 0.00
LI_NEWBRDGE__DRP 323616	34.23 0.81 -21.51	29.49 1.25 -9.76	27.92 1.85 -0.32	27.84 1.76 -0.23	25.04 1.21 -7.24	31.01 0.40 -23.53	35.10 1.97 -1.94	41.77 0.44 -34.34	57.11 -0.03 -57.75	63.30 -0.72 -77.73	316.75 -1.44 -341.32	66.37 -0.54 -76.60	43.08 1.02 -26.21	129.35 1.52 -108.14	30.45 1.46 -7.53	27.19 1.56 -2.10	27.26 1.37 0.00	33.09 1.15 -13.28	48.74 -0.25 -53.39	38.61 1.80 -7.82	34.03 2.31 -0.11	29.11 1.50 -7.76	33.96 1.08 -18.45	27.45 1.65 -6.72
LOCKPORT__CC1 323769	16.11 -0.16 -4.38	20.03 -0.44 -1.99	24.10 -0.64 1.01	16.61 -0.60 8.65	9.91 -0.54 6.13	5.78 -0.22 1.07	19.61 -1.05 10.53	7.61 -0.16 -0.78	5.71 0.13 -6.19	1.73 0.42 -15.01	28.96 0.47 -51.62	7.25 -0.16 -17.10	20.38 -0.17 -4.69	20.65 -1.08 -2.04	19.89 -1.16 0.41	19.40 -1.07 3.07	16.29 -1.17 8.43	12.22 -0.81 5.63	5.28 0.19 -9.49	20.96 -1.36 6.65	20.13 -1.06 10.42	13.46 -0.59 5.79	11.26 -0.41 2.76	12.89 -0.51 5.69
LOCKPORT__CC2 323770	16.11 -0.16 -4.38	20.03 -0.44 -1.99	24.10 -0.64 1.01	16.61 -0.60 8.65	9.91 -0.54 6.13	5.78 -0.22 1.07	19.61 -1.05 10.53	7.61 -0.16 -0.78	5.71 0.13 -6.19	1.73 0.42 -15.01	28.96 0.47 -51.62	7.25 -0.16 -17.10	20.38 -0.17 -4.69	20.65 -1.08 -2.04	19.89 -1.16 0.41	19.40 -1.07 3.07	16.29 -1.17 8.43	12.22 -0.81 5.63	5.28 0.19 -9.49	20.96 -1.36 6.65	20.13 -1.06 10.42	13.46 -0.59 5.79	11.26 -0.41 2.76	12.89 -0.51 5.69
LOCKPORT__CC3 323771	16.11 -0.16 -4.38	20.03 -0.44 -1.99	24.10 -0.64 1.01	16.61 -0.60 8.65	9.91 -0.54 6.13	5.78 -0.22 1.07	19.61 -1.05 10.53	7.61 -0.16 -0.78	5.71 0.13 -6.19	1.73 0.42 -15.01	28.96 0.47 -51.62	7.25 -0.16 -17.10	20.38 -0.17 -4.69	20.65 -1.08 -2.04	19.89 -1.16 0.41	19.40 -1.07 3.07	16.29 -1.17 8.43	12.22 -0.81 5.63	5.28 0.19 -9.49	20.96 -1.36 6.65	20.13 -1.06 10.42	13.46 -0.59 5.79	11.26 -0.41 2.76	12.89 -0.51 5.69
LONG_LAKE_PHOENIX 24014	14.21 -0.04 -2.34	19.43 -0.11 -1.06	25.60 -0.19 -0.04	25.63 -0.25 -0.03	17.22 -0.18 -0.81	10.08 -0.14 -3.15	30.86 -0.59 -0.26	11.48 -0.12 -4.60	7.12 0.02 -7.70	-3.05 0.24 -10.41	8.33 0.48 -30.98	0.71 0.13 -10.26	18.34 -0.33 -2.82	19.90 -0.55 -0.76	21.14 -0.58 -0.26	23.03 -0.50 0.00	25.39 -0.51 0.00	20.13 -0.32 -1.78	2.80 0.06 -7.15	29.55 -0.47 -1.05	31.20 -0.42 -0.02	20.70 -0.14 -0.99	16.35 -0.08 -2.00	19.56 -0.11 -0.58
LOVETT__3 23632	33.49 0.60 -20.98	28.92 0.92 -9.52	27.39 1.33 -0.31	27.33 1.25 -0.22	24.52 0.87 -7.06	30.34 0.31 -22.96	34.46 1.38 -1.90	40.80 0.30 -33.50	55.49 -0.02 -56.12	61.53 -0.60 -75.83	201.36 -1.10 -225.59	64.57 -0.47 -74.73	37.18 0.81 -20.51	29.73 1.11 -8.93	24.43 1.09 -1.88	24.63 1.10 0.00	27.01 1.11 0.00	32.56 0.94 -12.95	47.48 -0.20 -52.09	38.12 1.51 -7.63	33.52 1.80 -0.11	28.61 1.19 -7.57	33.27 0.85 -18.00	25.53 1.25 -5.19
LOVETT__4 23642	33.49 0.60 -20.98	28.92 0.92 -9.52	27.39 1.33 -0.31	27.33 1.25 -0.22	24.52 0.87 -7.06	30.34 0.31 -22.96	34.46 1.38 -1.90	40.80 0.30 -33.50	55.49 -0.02 -56.12	61.53 -0.60 -75.83	201.36 -1.10 -225.59	64.57 -0.47 -74.73	37.18 0.81 -20.51	29.73 1.11 -8.93	24.43 1.09 -1.88	24.63 1.10 0.00	27.01 1.11 0.00	32.56 0.94 -12.95	47.48 -0.20 -52.09	38.12 1.51 -7.63	33.52 1.80 -0.11	28.61 1.19 -7.57	33.27 0.85 -18.00	25.53 1.25 -5.19



LOVETT___5 23593	33.49 0.60 -20.98	28.92 0.92 -9.52	27.39 1.33 -0.31	27.33 1.25 -0.22	24.52 0.87 -7.06	30.34 0.31 -22.96	34.46 1.38 -1.90	40.80 0.30 -33.50	55.49 -0.02 -56.12	61.53 -0.60 -75.83	201.36 -1.10 -225.59	64.57 -0.47 -74.73	37.18 0.81 -20.51	29.73 1.11 -8.93	24.43 1.09 -1.88	24.63 1.10 0.00	27.01 1.11 0.00	32.56 0.94 -12.95	47.48 -0.20 -52.09	38.12 1.51 -7.63	33.52 1.80 -0.11	28.61 1.19 -7.57	33.27 0.85 -18.00	25.53 1.25 -5.19
LOWER RAQUET___HYD 24057	11.93 -0.40 -0.43	18.14 -0.53 -0.19	25.08 -0.68 -0.01	25.24 -0.62 0.00	16.37 -0.36 -0.15	7.49 -0.15 -0.57	30.35 -0.89 -0.05	7.62 -0.21 -0.83	0.78 -0.01 -1.40	-11.42 0.39 -1.89	-16.16 0.84 -6.13	-5.38 0.42 -3.89	21.32 -0.62 -6.09	20.13 -0.76 -1.20	27.12 -0.79 -6.45	29.28 -0.92 -6.67	32.07 -0.84 -7.01	24.25 -0.70 -6.29	-1.68 0.17 -2.56	28.25 -0.91 -0.19	32.41 -1.13 -1.93	19.65 -0.85 -0.65	15.02 -0.59 -1.18	18.78 -0.84 -0.53
LOWER___HUDSON 24059	42.88 0.37 -30.61	32.91 0.54 -13.89	26.93 0.72 -0.45	26.82 0.64 -0.32	27.32 0.43 -10.30	40.62 0.16 -33.38	34.51 0.56 -2.76	55.86 0.15 -48.71	80.96 -0.03 -81.60	96.22 -0.34 -110.26	304.22 -0.67 -328.02	98.62 -0.35 -108.66	46.27 0.59 -29.82	33.21 0.53 -12.98	24.79 0.59 -2.74	24.07 0.54 0.00	26.41 0.51 0.00	37.91 0.41 -18.84	71.16 -0.11 -75.69	40.65 0.58 -11.09	32.26 0.49 -0.16	31.34 0.47 -11.02	41.03 0.35 -26.25	27.10 0.44 -7.57
LWR___OSWEGATCHIE_HYD 23850	12.27 -0.44 -0.80	18.23 -0.61 -0.36	24.90 -0.86 -0.01	24.99 -0.88 -0.01	16.44 -0.43 -0.28	7.91 -0.22 -1.06	30.12 -1.15 -0.09	8.25 -0.29 -1.55	1.97 -0.01 -2.59	-9.63 0.57 -3.50	-11.08 1.28 -10.77	-4.31 0.48 -4.89	20.03 -0.76 -4.93	16.77 -0.99 1.93	25.09 -1.02 -4.66	27.15 -1.15 -4.76	29.98 -0.92 -5.01	22.80 -0.73 -4.86	-0.92 0.19 -3.31	28.33 -0.99 -0.35	31.90 -1.10 -1.38	19.67 -0.85 -0.67	15.10 -0.59 -1.26	18.76 -0.83 -0.50
LYONS_FALL_HYD 23570	12.83 -0.06 -0.99	18.84 -0.09 -0.45	25.67 -0.10 -0.02	25.66 -0.20 -0.01	16.94 0.02 -0.34	8.31 -0.05 -1.28	30.92 -0.38 -0.11	8.76 -0.11 -1.87	2.52 -0.01 -3.14	-9.22 0.24 -4.24	-9.82 0.61 -12.70	-4.98 0.17 -4.53	17.78 -0.19 -2.12	26.21 -0.32 -6.84	22.37 -0.31 -1.22	24.40 -0.30 -1.16	27.06 -0.06 -1.23	20.36 -0.07 -1.77	-1.25 0.03 -3.13	29.35 -0.06 -0.43	31.96 0.00 -0.34	20.24 -0.10 -0.49	15.37 -0.05 -0.99	19.33 -0.07 -0.32
MADISON___COUNTY_LFGE 323628	13.86 0.25 -1.71	19.61 0.35 -0.77	26.33 0.55 -0.03	26.31 0.44 -0.02	17.48 0.30 -0.59	9.32 0.09 -2.15	31.74 0.38 -0.18	10.23 0.09 -3.14	4.66 0.00 -5.26	-6.75 -0.16 -7.11	-2.18 -0.20 -21.16	-2.77 -0.08 -7.01	17.84 0.06 -1.92	21.50 -0.01 -1.82	21.67 0.03 -0.18	23.66 0.13 0.00	26.20 0.31 0.00	20.18 0.31 -1.22	0.39 -0.08 -4.89	30.18 0.49 -0.72	32.20 0.57 -0.01	20.92 0.38 -0.69	16.18 0.28 -1.46	19.90 0.39 -0.42
MAPLE RIDGE_WT_1 323574	11.18 -0.72 0.00	17.54 -0.94 0.00	24.45 -1.31 0.00	24.45 -1.41 0.00	15.74 -0.85 0.00	6.66 -0.41 0.00	29.06 -2.13 0.00	6.49 -0.51 0.00	-0.58 0.03 0.00	-12.79 0.91 0.00	-21.69 1.43 0.00	-9.00 0.69 0.00	14.77 -1.08 0.00	15.21 -1.27 3.21	20.22 -1.23 0.00	22.35 -1.18 0.00	25.28 -0.61 0.00	17.88 -0.79 0.00	-4.11 0.30 0.00	27.63 -1.34 0.00	29.95 -1.66 0.00	18.54 -1.31 0.00	13.54 -0.88 0.00	17.80 -1.29 0.00
MAPLE RIDGE_WT_2 323611	11.18 -0.72 0.00	17.54 -0.94 0.00	24.45 -1.31 0.00	24.45 -1.41 0.00	15.74 -0.85 0.00	6.66 -0.41 0.00	29.06 -2.13 0.00	6.49 -0.51 0.00	-0.58 0.03 0.00	-12.79 0.91 0.00	-21.69 1.43 0.00	-9.00 0.69 0.00	14.77 -1.08 0.00	15.21 -1.27 3.21	20.22 -1.23 0.00	22.35 -1.18 0.00	25.28 -0.61 0.00	17.88 -0.79 0.00	-4.11 0.30 0.00	27.63 -1.34 0.00	29.95 -1.66 0.00	18.54 -1.31 0.00	13.54 -0.88 0.00	17.80 -1.29 0.00
MARBLE_RIVER_WT_PWR 323696	12.01 0.10 0.00	18.67 0.19 0.00	25.88 0.13 0.00	25.96 0.11 0.00	16.69 0.10 0.00	7.15 0.08 0.00	31.35 0.16 0.00	7.08 0.08 0.00	-0.69 -0.08 0.00	-13.70 0.00 0.00	-26.15 0.36 3.37	-22.63 0.27 13.22	-21.13 -0.59 36.40	-21.10 -0.70 40.09	-21.08 -0.83 41.71	-21.01 -1.08 43.46	-21.01 -1.18 45.72	-21.00 -0.87 38.79	-12.26 0.13 7.98	28.27 -0.70 0.00	18.05 -1.11 12.45	15.82 -0.93 3.09	8.49 -0.66 5.28	15.39 -0.96 2.74
MARSH_HILL_WT_PWR 323713	17.84 -0.01 -5.95	20.94 -0.24 -2.70	30.22 -0.20 -4.67	62.44 -0.70 -37.28	50.71 -0.54 -34.67	40.74 -0.26 -33.93	77.48 -1.09 -47.38	46.30 -0.24 -39.55	44.83 0.09 -45.35	19.83 0.62 -32.91	46.08 1.08 -68.13	13.07 0.19 -22.57	21.38 -0.67 -6.19	21.11 -1.28 -2.70	24.29 -1.29 -4.12	35.79 -0.72 -12.98	60.86 -0.79 -35.75	58.45 -0.51 -40.30	21.71 0.18 -25.94	65.68 -1.18 -37.89	74.73 -1.14 -44.26	53.27 -0.62 -34.05	46.69 -0.47 -32.73	48.81 -0.54 -30.25
MG INDUSTRY___DRP 24185	39.83 0.27 -27.66	31.44 0.41 -12.55	26.74 0.58 -0.41	26.66 0.51 -0.29	26.25 0.35 -9.31	37.37 0.11 -30.19	34.17 0.49 -2.49	51.16 0.12 -44.05	73.18 -0.01 -73.80	85.81 -0.21 -99.71	273.17 -0.36 -296.65	88.40 -0.19 -98.27	43.16 0.33 -26.97	31.81 0.38 -11.74	24.33 0.40 -2.48	23.92 0.38 0.00	26.27 0.38 0.00	36.03 0.33 -17.03	63.95 -0.09 -68.45	39.52 0.51 -10.03	32.29 0.54 -0.14	30.25 0.43 -9.97	38.48 0.33 -23.72	26.39 0.46 -6.84
MID___OSWEGATCHIE_HYD 23849	12.27 -0.44 -0.80	18.23 -0.61 -0.36	24.90 -0.86 -0.01	24.99 -0.88 -0.01	16.44 -0.43 -0.28	7.91 -0.22 -1.06	30.12 -1.15 -0.09	8.25 -0.29 -1.55	1.97 -0.01 -2.59	-9.63 0.57 -3.50	-11.08 1.28 -10.77	-4.31 0.48 -4.89	20.03 -0.76 -4.93	16.77 -0.99 1.93	25.09 -1.02 -4.66	27.15 -1.15 -4.76	29.98 -0.92 -5.01	22.80 -0.73 -4.86	-0.92 0.19 -3.31	28.33 -0.99 -0.35	31.90 -1.10 -1.38	19.67 -0.85 -0.67	15.10 -0.59 -1.26	18.76 -0.83 -0.50
MID___RAQUETTE_HYD 23851	11.93 -0.40 -0.43	18.14 -0.53 -0.19	25.08 -0.68 -0.01	25.24 -0.62 0.00	16.37 -0.36 -0.15	7.49 -0.15 -0.57	30.35 -0.89 -0.05	7.62 -0.21 -0.83	0.78 -0.01 -1.40	-11.42 0.39 -1.89	-16.16 0.84 -6.13	-5.38 0.42 -3.89	21.32 -0.62 -6.09	20.13 -0.76 -1.20	27.12 -0.79 -6.45	29.28 -0.92 -6.67	32.07 -0.84 -7.01	24.25 -0.70 -6.29	-1.68 0.17 -2.56	28.25 -0.91 -0.19	32.41 -1.13 -1.93	19.65 -0.85 -0.65	15.02 -0.59 -1.18	18.78 -0.84 -0.53
MILLIKEN___1 23584	18.08 0.37 -5.80	21.65 0.54 -2.63	26.95 0.76 -0.44	29.43 0.66 -2.92	21.45 0.39 -4.47	16.04 0.12 -8.84	35.90 0.58 -4.13	19.29 0.15 -12.14	18.14 0.00 -18.75	9.22 -0.25 -23.17	43.34 -0.19 -66.66	12.27 -0.12 -22.08	21.97 0.06 -6.06	22.30 -0.03 -2.64	22.33 0.04 -0.83	24.76 0.23 -0.99	29.07 0.43 -2.75	25.63 0.35 -6.61	11.66 -0.10 -16.17	34.60 0.65 -4.97	35.86 0.83 -3.41	25.09 0.60 -4.65	21.98 0.45 -7.10	23.37 0.63 -3.65
MILLIKEN___2 23585	18.08 0.37 -5.80	21.65 0.54 -2.63	26.95 0.76 -0.44	29.43 0.66 -2.92	21.45 0.39 -4.47	16.04 0.12 -8.84	35.90 0.58 -4.13	19.29 0.15 -12.14	18.14 0.00 -18.75	9.22 -0.25 -23.17	43.34 -0.19 -66.66	12.27 -0.12 -22.08	21.97 0.06 -6.06	22.30 -0.03 -2.64	22.33 0.04 -0.83	24.76 0.23 -0.99	29.07 0.43 -2.75	25.63 0.35 -6.61	11.66 -0.10 -16.17	34.60 0.65 -4.97	35.86 0.83 -3.41	25.09 0.60 -4.65	21.98 0.45 -7.10	23.37 0.63 -3.65



MILLIKEN___DIESEL 23629	18.08 0.37 -5.80	21.65 0.54 -2.63	26.95 0.76 -0.44	29.43 0.66 -2.92	21.45 0.39 -4.47	16.04 0.12 -8.84	35.90 0.58 -4.13	19.29 0.15 -12.14	18.14 0.00 -18.75	9.22 -0.25 -23.17	43.34 -0.19 -66.66	12.27 -0.12 -22.08	21.97 0.06 -6.06	22.30 -0.03 -2.64	22.33 0.04 -0.83	24.76 0.23 -0.99	29.07 0.43 -2.75	25.63 0.35 -6.61	11.66 -0.10 -16.17	34.60 0.65 -4.97	35.86 0.83 -3.41	25.09 0.60 -4.65	21.98 0.45 -7.10	23.37 0.63 -3.65
MILLSEAT___LFGE 323607	16.15 0.05 -4.20	20.28 -0.10 -1.90	24.80 -0.20 0.76	19.06 -0.14 6.65	11.90 -0.24 4.45	7.16 -0.10 -0.18	22.70 -0.45 8.03	9.04 -0.03 -2.07	6.75 0.12 -7.24	1.42 0.22 -14.91	26.81 0.21 -49.73	6.55 -0.24 -16.47	20.34 -0.04 -4.52	20.80 -0.86 -1.97	20.42 -0.81 0.23	20.61 -0.55 2.37	18.74 -0.64 6.51	14.37 -0.51 3.79	5.30 0.10 -9.60	23.49 -0.67 4.81	23.22 -0.34 8.04	15.55 -0.15 4.15	12.90 -0.10 1.43	14.78 -0.11 4.19
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.93 0.62 -21.41	29.15 0.95 -9.72	27.44 1.36 -0.32	27.36 1.28 -0.22	24.69 0.89 -7.21	30.81 0.32 -23.42	34.55 1.43 -1.93	41.48 0.32 -34.17	56.62 -0.02 -57.25	63.04 -0.62 -77.36	205.89 -1.13 -230.14	66.07 -0.48 -76.24	37.61 0.83 -20.92	29.96 1.16 -9.11	24.53 1.15 -1.92	24.69 1.16 0.00	27.05 1.16 0.00	32.86 0.98 -13.22	48.53 -0.21 -53.14	38.30 1.54 -7.79	33.57 1.85 -0.11	28.80 1.23 -7.73	33.67 0.88 -18.36	25.66 1.28 -5.29
MODEL_CITY_ENERGY 24167	16.00 -0.33 -4.42	19.80 -0.69 -2.01	23.84 -0.94 0.98	16.62 -0.78 8.46	9.98 -0.66 5.95	5.92 -0.27 0.88	19.63 -1.27 10.29	7.79 -0.20 -1.00	6.03 0.17 -6.46	2.12 0.59 -15.23	29.71 0.71 -52.12	7.48 -0.09 -17.27	20.29 -0.30 -4.74	20.44 -1.31 -2.06	19.65 -1.42 0.39	19.20 -1.33 3.00	16.22 -1.42 8.25	12.27 -0.97 5.42	5.51 0.26 -9.66	20.87 -1.64 6.46	20.07 -1.34 10.20	13.45 -0.78 5.62	11.30 -0.55 2.58	12.88 -0.67 5.54
MODERN_LFGE___ 323580	16.00 -0.33 -4.42	19.80 -0.69 -2.01	23.84 -0.94 0.98	16.62 -0.78 8.46	9.98 -0.66 5.95	5.92 -0.27 0.88	19.63 -1.27 10.29	7.79 -0.20 -1.00	6.03 0.17 -6.46	2.12 0.59 -15.23	29.71 0.71 -52.12	7.48 -0.09 -17.27	20.29 -0.30 -4.74	20.44 -1.31 -2.06	19.65 -1.42 0.39	19.20 -1.33 3.00	16.22 -1.42 8.25	12.27 -0.97 5.42	5.51 0.26 -9.66	20.87 -1.64 6.46	20.07 -1.34 10.20	13.45 -0.78 5.62	11.30 -0.55 2.58	12.88 -0.67 5.54
MOHAWK_PAPER___DRP 24187	42.24 0.32 -30.01	32.58 0.49 -13.62	26.86 0.66 -0.45	26.77 0.59 -0.32	27.09 0.40 -10.10	39.95 0.14 -32.74	34.40 0.51 -2.70	54.90 0.14 -47.77	79.39 -0.03 -80.03	94.15 -0.28 -108.13	298.01 -0.56 -321.70	96.57 -0.30 -106.57	45.61 0.50 -29.25	32.88 0.45 -12.73	24.64 0.50 -2.68	23.99 0.46 0.00	26.32 0.43 0.00	37.51 0.38 -18.47	69.69 -0.11 -74.21	40.48 0.62 -10.88	32.35 0.58 -0.15	31.13 0.47 -10.81	40.51 0.34 -25.74	26.96 0.45 -7.42
MONGAUP___HYD 23641	32.65 0.61 -20.14	28.52 0.91 -9.14	27.42 1.36 -0.30	27.33 1.26 -0.21	24.24 0.87 -6.78	29.43 0.32 -22.04	34.39 1.38 -1.82	39.44 0.29 -32.16	53.24 -0.02 -53.87	58.59 -0.50 -72.79	192.49 -0.95 -216.56	61.67 -0.38 -71.74	36.19 0.64 -19.69	29.13 0.87 -8.57	24.00 0.73 -1.81	24.27 0.74 0.00	26.64 0.75 0.00	31.90 0.80 -12.44	45.40 -0.20 -50.00	37.80 1.49 -7.33	33.47 1.76 -0.10	28.27 1.15 -7.27	32.53 0.83 -17.27	25.28 1.21 -4.98
MONTAUK___DIESEL 23721	34.62 1.20 -21.51	30.09 1.85 -9.76	28.69 2.62 -0.32	28.75 2.66 -0.23	25.59 1.76 -7.24	31.23 0.62 -23.53	36.40 3.27 -1.94	42.05 0.72 -34.34	57.09 -0.06 -57.75	62.87 -1.16 -77.73	315.91 -2.28 -341.32	66.06 -0.86 -76.60	43.69 1.62 -26.21	130.06 2.23 -108.14	31.15 2.15 -7.53	28.09 2.45 -2.10	28.00 2.11 0.00	33.64 1.69 -13.28	48.59 -0.40 -53.39	39.63 2.82 -7.82	35.16 3.44 -0.11	29.82 2.21 -7.76	34.55 1.67 -18.45	28.17 2.37 -6.72
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.09 0.68 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.51 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.72 1.59 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.52	63.36 -0.66 -77.72	206.89 -1.19 -231.21	66.41 -0.50 -76.59	37.75 0.88 -21.02	30.13 1.29 -9.15	24.66 1.27 -1.93	24.83 1.29 0.00	27.19 1.30 0.00	33.03 1.09 -13.28	48.76 -0.22 -53.39	38.46 1.66 -7.82	33.76 2.04 -0.11	28.97 1.35 -7.76	33.84 0.96 -18.45	25.81 1.40 -5.32
MUNSVILLE_WIND_PWR 323609	21.62 0.82 -8.90	23.72 1.20 -4.04	27.84 1.70 -0.39	29.62 1.59 -2.17	22.39 0.96 -4.84	19.00 0.37 -11.57	36.26 1.64 -3.43	23.72 0.40 -16.33	25.57 -0.01 -26.19	19.40 -0.72 -33.82	74.82 -1.01 -98.96	22.80 -0.29 -32.78	25.07 0.21 -9.00	23.86 0.25 -3.92	22.92 0.43 -1.03	25.26 0.99 -0.73	29.08 1.17 -2.01	27.41 1.02 -7.72	18.66 -0.35 -23.42	36.65 2.33 -5.35	36.66 2.52 -2.53	26.12 1.18 -5.09	24.50 0.87 -9.20	24.09 1.17 -3.83
N SALMON___HYD 24042	12.07 0.17 0.00	18.79 0.31 0.00	26.10 0.35 0.00	26.21 0.36 0.00	16.84 0.25 0.00	7.21 0.14 0.00	31.55 0.37 0.00	7.12 0.12 0.00	-0.68 -0.07 0.00	-13.84 -0.14 0.00	-20.87 0.10 -2.16	-1.03 0.18 -8.48	38.86 -0.34 -23.35	38.95 -0.45 -19.71	47.69 -0.53 -26.76	50.70 -0.72 -27.88	54.50 -0.73 -29.33	43.06 -0.55 -24.96	0.96 0.07 -5.29	28.71 -0.26 0.00	39.13 -0.56 -8.08	21.28 -0.55 -1.98	17.43 -0.38 -3.39	20.25 -0.60 -1.76
N.E._GEN_SANDY PD 24062	38.00 0.45 -25.65	30.79 0.67 -11.64	27.12 0.93 -0.43	26.85 0.84 -0.14	26.16 0.57 -8.99	35.36 0.21 -28.08	34.31 0.81 -2.31	48.07 0.21 -40.86	67.82 -0.04 -68.46	78.36 -0.45 -92.50	251.21 -0.87 -275.21	81.06 -0.42 -91.17	41.66 0.79 -25.02	30.42 0.91 -9.82	24.69 0.94 -2.30	24.39 0.86 0.00	26.70 0.80 0.00	35.10 0.62 -15.81	59.92 -0.14 -64.47	36.56 0.88 -6.71	32.30 0.96 0.27	29.83 0.73 -9.25	36.97 0.55 -21.99	26.23 0.80 -6.34
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.48 0.62 -20.96	28.93 0.95 -9.51	27.45 1.38 -0.31	27.37 1.30 -0.22	24.54 0.90 -7.06	30.32 0.32 -22.93	34.52 1.44 -1.89	40.76 0.32 -33.45	55.41 -0.02 -56.04	61.39 -0.63 -75.72	201.01 -1.15 -225.28	64.45 -0.49 -74.63	37.18 0.84 -20.48	29.75 1.14 -8.92	24.47 1.13 -1.88	24.67 1.14 0.00	27.05 1.16 0.00	32.58 0.98 -12.94	47.40 -0.21 -52.02	38.17 1.57 -7.62	33.58 1.87 -0.11	28.64 1.23 -7.57	33.28 0.88 -17.97	25.55 1.28 -5.18
NARROWS_GT1_1 24228	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT1_2 24229	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32



NARROWS_GT1_3 24230	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT1_4 24231	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT1_5 24232	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT1_6 24233	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT1_7 24234	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT1_8 24235	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.85 -1.22 -231.20	65.46 -0.50 -75.66	37.76 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT2_1 24236	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT2_2 24237	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT2_3 24238	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT2_4 24239	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT2_5 24240	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT2_6 24241	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT2_7 24242	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NARROWS_GT2_8 24243	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.93 0.40 -26.63	31.13 0.57 -12.08	26.86 0.71 -0.40	26.79 0.66 -0.28	25.96 0.41 -8.96	36.29 0.15 -29.07	34.30 0.71 -2.40	49.59 0.18 -42.42	70.43 -0.03 -71.06	81.95 -0.37 -96.02	261.91 -0.62 -285.66	84.63 -0.31 -94.63	42.36 0.54 -25.97	31.31 0.31 -11.31	24.19 0.35 -2.38	23.86 0.32 0.00	26.20 0.31 0.00	35.39 0.32 -16.40	61.38 -0.12 -65.92	39.41 0.77 -9.66	32.45 0.70 -0.13	29.99 0.54 -0.60	37.66 0.40 -22.83	26.13 0.45 -6.58



NEG CAPITAL___MECHNVIL 23645	43.77 0.50 -31.36	33.45 0.74 -14.23	27.18 0.96 -0.47	27.08 0.89 -0.33	27.74 0.59 -10.56	41.51 0.24 -34.20	35.01 1.00 -2.82	57.14 0.25 -49.90	82.95 -0.04 -83.60	98.74 -0.51 -112.95	311.95 -0.97 -336.05	101.15 -0.48 -111.32	47.09 0.68 -30.55	33.61 0.61 -13.30	24.95 0.68 -2.80	24.23 0.70 0.00	26.59 0.70 0.00	38.57 0.61 -19.30	72.96 -0.17 -77.54	41.32 0.98 -11.36	32.66 0.89 -0.16	31.85 0.70 -11.29	41.83 0.51 -26.90	27.45 0.60 -7.75
NEG CENTRAL_HIGH_ACRES 23767	15.29 -0.09 -3.48	19.82 -0.24 -1.58	25.37 -0.43 -0.05	25.35 -0.54 -0.04	17.35 -0.43 -1.19	11.17 -0.21 -4.31	30.65 -0.90 -0.36	13.12 -0.16 -6.29	9.95 0.03 -10.53	0.84 0.31 -14.23	19.74 0.54 -42.33	4.40 0.07 -14.02	19.34 -0.37 -3.85	20.55 -0.81 -1.68	21.01 -0.80 -0.35	22.83 -0.71 0.00	25.13 -0.76 0.00	20.55 -0.55 -2.43	5.45 0.09 -9.77	29.60 -0.80 -1.43	30.95 -0.68 -0.02	20.90 -0.33 -1.38	17.18 -0.23 -2.98	19.64 -0.31 -0.86
NEG CENTRAL___DRP 24199	15.89 0.19 -3.79	20.43 0.23 -1.72	26.58 0.33 -0.50	29.68 0.15 -3.67	21.13 0.06 -4.48	14.34 0.00 -7.27	36.07 -0.04 -4.93	16.67 0.02 -9.65	13.54 0.02 -14.13	2.64 0.00 -16.34	22.74 0.14 -45.73	5.41 -0.05 -15.15	19.91 -0.11 -4.16	21.19 -0.31 -1.81	21.91 -0.27 -0.72	24.70 -0.09 -1.25	29.32 -0.04 -3.46	24.79 -0.01 -6.13	7.11 -0.02 -11.54	34.01 0.05 -4.98	36.10 0.19 -4.29	24.65 0.23 -4.58	20.53 0.17 -5.93	23.10 0.28 -3.73
NEG CENTRAL___INDECK 23768	17.29 0.38 -5.00	21.16 0.41 -2.27	31.02 0.49 -4.78	64.41 0.28 -38.28	51.90 0.08 -35.24	40.74 0.02 -33.65	79.90 0.15 -48.56	45.95 0.08 -38.87	43.10 0.05 -43.66	16.31 0.15 -29.86	35.43 0.31 -58.25	9.52 -0.09 -19.29	20.97 -0.18 -5.30	21.32 -0.68 -2.31	25.03 -0.55 -4.12	37.00 0.19 -13.27	62.44 0.02 -36.54	58.99 -0.21 -40.54	19.43 -0.02 -23.86	67.51 0.19 -38.35	77.32 0.46 -45.25	54.64 0.37 -34.42	47.21 0.25 -32.53	50.09 0.35 -30.66
NEG CENTRAL___SENECA 23627	16.34 0.24 -4.20	20.67 0.28 -1.91	26.98 0.46 -0.77	31.82 0.19 -5.77	23.14 0.10 -6.46	16.32 0.03 -9.22	38.77 -0.02 -7.60	18.97 0.04 -11.93	16.20 0.03 -16.78	4.60 -0.03 -18.32	26.92 0.11 -49.94	6.77 -0.09 -16.54	20.31 -0.09 -4.54	21.32 -0.35 -1.98	22.13 -0.29 -0.96	25.48 -0.03 -1.98	31.39 0.03 -5.47	27.12 0.04 -8.42	8.64 -0.04 -13.08	36.17 0.08 -7.12	38.64 0.25 -6.77	26.60 0.25 -6.50	22.45 0.19 -7.83	24.86 0.33 -5.44
NEG CENTRAL___STATE_STREET 24147	15.93 0.32 -3.70	20.63 0.47 -1.68	26.44 0.43 -0.25	27.88 0.42 -1.60	19.42 0.19 -2.64	12.80 0.05 -5.69	33.97 0.46 -2.32	15.01 0.13 -7.88	11.73 0.00 -12.34	1.62 -0.18 -15.50	21.60 -0.15 -44.87	5.04 -0.13 -14.86	20.00 0.07 -4.08	21.51 0.04 -1.78	22.04 0.06 -0.52	24.26 0.19 -0.54	27.60 0.22 -1.48	22.95 0.21 -4.08	6.28 -0.09 -10.78	32.44 0.47 -2.99	34.08 0.62 -1.85	23.16 0.52 -2.79	19.15 0.39 -4.33	21.70 0.49 -2.12
NEG MILLWOOD___DRP 24198	34.35 0.72 -21.72	29.44 1.10 -9.86	27.64 1.57 -0.32	27.56 1.47 -0.23	24.92 1.01 -7.31	31.20 0.37 -23.76	34.86 1.71 -1.96	42.05 0.39 -34.66	57.44 -0.03 -58.07	64.00 -0.77 -78.47	208.94 -1.38 -233.45	67.06 -0.59 -77.33	38.06 0.98 -21.23	30.27 1.33 -9.24	24.72 1.31 -1.95	24.87 1.33 0.00	27.26 1.36 0.00	33.21 1.14 -13.41	49.25 -0.25 -53.90	38.70 1.83 -7.90	33.86 2.14 -0.11	29.09 1.40 -7.84	34.05 0.99 -18.63	25.88 1.42 -5.37
NEG NORTH_FLCN_SEA 23793	12.15 0.25 0.00	18.89 0.41 0.00	26.16 0.41 0.00	26.25 0.39 0.00	16.88 0.29 0.00	7.24 0.17 0.00	31.75 0.57 0.00	7.17 0.18 0.00	-0.70 -0.09 0.00	-13.88 -0.18 0.00	-26.47 0.07 3.40	-22.82 0.20 13.33	-21.33 -0.48 36.71	-21.35 -0.62 40.42	-21.35 -0.74 42.07	-21.27 -0.97 43.84	-21.32 -1.10 46.11	-21.20 -0.74 39.12	-12.36 0.10 8.05	28.55 -0.43 0.00	18.21 -0.84 12.56	16.02 -0.71 3.12	8.58 -0.51 5.33	15.50 -0.83 2.76
NEG NORTH_KES_CHATGAY 23792	12.02 0.12 0.00	18.70 0.22 0.00	25.91 0.16 0.00	26.01 0.15 0.00	16.71 0.12 0.00	7.17 0.09 0.00	31.38 0.19 0.00	7.08 0.09 0.00	-0.68 -0.07 0.00	-13.71 -0.01 0.00	-26.38 0.36 3.61	-23.49 0.32 14.13	-23.63 -0.59 38.90	-23.75 -0.72 42.73	-23.97 -0.85 44.58	-24.01 -1.09 46.45	-24.16 -1.19 48.87	-23.66 -0.86 41.46	-12.83 0.12 8.55	28.38 -0.60 0.00	17.30 -0.99 13.32	15.71 -0.84 3.30	8.19 -0.59 5.64	15.29 -0.87 2.93
NEG NORTH___ALICE_FALLS 23915	12.16 0.26 0.00	18.91 0.43 0.00	26.20 0.45 0.00	26.28 0.43 0.00	16.90 0.31 0.00	7.25 0.18 0.00	31.76 0.57 0.00	7.18 0.18 0.00	-0.70 -0.09 0.00	-13.91 -0.21 0.00	-26.56 0.00 3.44	-22.99 0.16 13.46	-21.65 -0.45 37.05	-21.71 -0.62 40.78	-21.72 -0.71 42.47	-21.67 -0.96 44.25	-21.74 -1.08 46.55	-21.56 -0.73 39.49	-12.45 0.09 8.13	28.62 -0.36 0.00	18.15 -0.78 12.68	16.02 -0.68 3.15	8.57 -0.48 5.38	15.53 -0.77 2.79
NEG NORTH___LWR_SARANAC 23913	12.16 0.26 0.00	18.91 0.43 0.00	26.20 0.45 0.00	26.28 0.43 0.00	16.90 0.31 0.00	7.25 0.18 0.00	31.76 0.57 0.00	7.18 0.18 0.00	-0.70 -0.09 0.00	-13.91 -0.21 0.00	-26.56 0.00 3.44	-22.99 0.16 13.46	-21.65 -0.45 37.05	-21.71 -0.62 40.78	-21.72 -0.71 42.47	-21.67 -0.96 44.25	-21.74 -1.08 46.55	-21.56 -0.73 39.49	-12.45 0.09 8.13	28.62 -0.36 0.00	18.15 -0.78 12.68	16.02 -0.68 3.15	8.57 -0.48 5.38	15.53 -0.77 2.79
NEG NORTH___PLATTSBURG 23628	12.16 0.26 0.00	18.91 0.43 0.00	26.20 0.45 0.00	26.28 0.43 0.00	16.90 0.31 0.00	7.25 0.18 0.00	31.76 0.57 0.00	7.18 0.18 0.00	-0.70 -0.09 0.00	-13.91 -0.21 0.00	-26.56 0.00 3.44	-22.99 0.16 13.46	-21.65 -0.45 37.05	-21.71 -0.62 40.78	-21.72 -0.71 42.47	-21.67 -0.96 44.25	-21.74 -1.08 46.55	-21.56 -0.73 39.49	-12.45 0.09 8.13	28.62 -0.36 0.00	18.15 -0.78 12.68	16.02 -0.68 3.15	8.57 -0.48 5.38	15.53 -0.77 2.79
NEG WEST_LEA_LOCKPORT 23791	16.11 -0.16 -4.38	20.03 -0.44 -1.99	24.10 -0.64 1.01	16.61 -0.60 8.65	9.91 -0.54 6.13	5.78 -0.22 1.07	19.61 -1.05 10.53	7.61 -0.16 -0.78	5.71 0.13 -6.19	1.73 0.42 -15.01	28.96 0.47 -51.62	7.25 -0.16 -17.10	20.38 -0.17 -4.69	20.65 -1.08 -2.04	19.89 -1.16 0.41	19.40 -1.07 3.07	16.29 -1.17 8.43	12.22 -0.81 5.63	5.28 0.19 -9.49	20.96 -1.36 6.65	20.13 -1.06 10.42	13.46 -0.59 5.79	11.26 -0.41 2.76	12.89 -0.51 5.69
NEG WEST___LANCASTR 23811	17.28 0.23 -5.14	21.00 0.19 -2.34	25.21 0.43 0.97	17.68 0.28 8.46	10.87 0.00 5.72	6.94 -0.01 0.12	20.95 0.00 10.23	9.14 0.03 -2.12	7.80 0.08 -8.33	4.08 0.01 -17.77	36.42 -0.13 -59.69	9.75 -0.33 -19.77	21.51 0.23 -5.43	21.73 -0.32 -2.36	20.89 -0.26 0.31	20.52 -0.07 2.94	17.68 -0.12 8.09	13.76 -0.09 4.81	7.11 0.03 -11.49	22.69 -0.25 6.04	21.72 0.10 9.99	14.74 0.11 5.22	12.72 0.11 1.82	14.10 0.23 5.23
NEG_PENN_ALLEGHNY 23528	21.43 0.30 -9.23	23.07 0.40 -4.19	26.59 0.70 -0.14	26.50 0.54 -0.10	20.04 0.33 -3.12	17.60 0.09 -10.43	32.48 0.43 -0.86	22.33 0.11 -15.22	24.91 0.02 -25.50	20.60 -0.15 -34.45	79.16 -0.22 -102.51	24.10 -0.17 -33.96	25.33 0.15 -9.32	23.83 0.08 -4.06	22.54 0.23 -0.85	23.98 0.44 0.00	26.37 0.48 0.00	24.95 0.40 -5.89	19.17 -0.09 -23.67	33.07 0.62 -3.47	32.47 0.81 -0.05	23.87 0.60 -3.41	22.81 0.46 -7.91	22.06 0.69 -2.28



NEG___GEN_MONROE 24207	15.66 0.14 -3.62	20.20 0.08 -1.64	25.79 -0.01 -0.05	25.80 -0.09 -0.04	17.66 -0.17 -1.24	11.43 -0.09 -4.45	31.20 -0.35 -0.37	13.46 -0.03 -6.49	10.30 0.04 -10.87	1.09 0.10 -14.69	20.66 0.10 -43.69	4.62 -0.16 -14.47	19.82 -0.01 -3.97	20.85 -0.57 -1.73	21.33 -0.50 -0.36	23.25 -0.29 0.00	25.51 -0.39 0.00	20.85 -0.32 -2.51	5.69 0.02 -10.07	30.12 -0.34 -1.48	31.52 -0.11 -0.02	21.29 0.02 -1.43	17.55 0.02 -3.10	20.00 0.01 -0.89
NEPA___ENERGY 23901	17.29 0.23 -5.15	20.99 0.17 -2.34	25.04 0.41 1.13	16.32 0.20 9.73	9.77 0.02 6.84	6.04 0.00 1.04	19.36 0.02 11.84	8.15 0.03 -1.12	6.83 0.06 -7.38	3.73 -0.02 -17.45	36.39 -0.25 -59.77	9.71 -0.40 -19.80	21.56 0.26 -5.43	21.79 -0.27 -2.37	20.86 -0.16 0.43	20.08 -0.03 3.42	16.33 -0.17 9.40	12.50 -0.02 6.14	6.70 -0.01 -11.11	21.49 -0.14 7.34	20.11 0.11 11.61	13.67 0.20 6.38	11.77 0.17 2.83	13.14 0.32 6.28
NEVERSINK___HYD 23608	32.65 0.57 -20.17	28.49 0.85 -9.15	27.36 1.30 -0.30	27.27 1.20 -0.21	24.24 0.85 -6.80	29.46 0.31 -22.08	34.36 1.36 -1.82	39.50 0.30 -32.21	53.34 -0.01 -53.97	58.63 -0.59 -72.92	192.75 -1.07 -216.95	61.74 -0.43 -71.87	36.24 0.66 -19.72	29.20 0.92 -8.59	24.06 0.79 -1.81	24.36 0.82 0.00	26.75 0.86 0.00	31.94 0.82 -12.46	45.49 -0.18 -50.09	37.79 1.48 -7.34	33.46 1.75 -0.10	28.26 1.13 -7.28	32.52 0.79 -17.30	25.28 1.20 -4.99
NEWTON___FALLS_HYD 23847	12.27 -0.44 -0.80	18.23 -0.61 -0.36	24.90 -0.86 -0.01	24.99 -0.88 -0.01	16.44 -0.43 -0.28	7.91 -0.22 -1.06	30.12 -1.15 -0.09	8.25 -0.29 -1.55	1.97 -0.01 -2.59	-9.63 0.57 -3.50	-11.08 1.28 -10.77	-4.31 0.48 -4.89	20.03 -0.76 -4.93	16.77 -0.99 1.93	25.09 -1.02 -4.66	27.15 -1.15 -4.76	29.98 -0.92 -5.01	22.80 -0.73 -4.86	-0.92 0.19 -3.31	28.33 -0.99 -0.35	31.90 -1.10 -1.38	19.67 -0.85 -0.67	15.10 -0.59 -1.26	18.76 -0.83 -0.50
NGRID_A1_DSASP 323792	16.06 -0.30 -4.45	19.84 -0.66 -2.02	23.78 -0.97 1.01	16.22 -0.96 8.68	9.67 -0.78 6.14	5.73 -0.33 1.01	19.09 -1.53 10.56	7.57 -0.29 -0.87	5.85 0.10 -6.36	2.02 0.45 -15.26	29.82 0.54 -52.41	7.58 -0.09 -17.36	20.34 -0.28 -4.77	20.49 -1.26 -2.06	19.64 -1.41 0.40	18.95 -1.50 3.08	15.64 -1.78 8.47	11.82 -1.22 5.62	5.52 0.26 -9.66	20.28 -2.03 6.66	19.29 -1.86 10.46	13.03 -1.02 5.80	10.99 -0.72 2.72	12.41 -0.98 5.70
NGRID_A2_DSASP 323793	16.06 -0.30 -4.45	19.84 -0.66 -2.02	23.78 -0.97 1.01	16.22 -0.96 8.68	9.67 -0.78 6.14	5.73 -0.33 1.01	19.09 -1.53 10.56	7.57 -0.29 -0.87	5.85 0.10 -6.36	2.02 0.45 -15.26	29.82 0.54 -52.41	7.58 -0.09 -17.36	20.34 -0.28 -4.77	20.49 -1.26 -2.06	19.64 -1.41 0.40	18.95 -1.50 3.08	15.64 -1.78 8.47	11.82 -1.22 5.62	5.52 0.26 -9.66	20.28 -2.03 6.66	19.29 -1.86 10.46	13.03 -1.02 5.80	10.99 -0.72 2.72	12.41 -0.98 5.70
NGRID_A4_DSASP 323807	16.06 -0.30 -4.45	19.84 -0.66 -2.02	23.78 -0.97 1.01	16.22 -0.96 8.68	9.67 -0.78 6.14	5.73 -0.33 1.01	19.09 -1.53 10.56	7.57 -0.29 -0.87	5.85 0.10 -6.36	2.02 0.45 -15.26	29.82 0.54 -52.41	7.58 -0.09 -17.36	20.34 -0.28 -4.77	20.49 -1.26 -2.06	19.64 -1.41 0.40	18.95 -1.50 3.08	15.64 -1.78 8.47	11.82 -1.22 5.62	5.52 0.26 -9.66	20.28 -2.03 6.66	19.29 -1.86 10.46	13.03 -1.02 5.80	10.99 -0.72 2.72	12.41 -0.98 5.70
NIAGARA_115E_LBMP 323715	15.95 -0.42 -4.46	19.69 -0.81 -2.03	23.66 -1.09 1.01	16.30 -0.89 8.67	9.73 -0.73 6.13	5.78 -0.30 0.99	19.24 -1.40 10.55	7.66 -0.23 -0.89	5.99 0.20 -6.40	2.29 0.68 -15.31	30.24 0.83 -52.54	7.66 -0.06 -17.40	20.27 -0.36 -4.78	20.35 -1.42 -2.08	19.50 -1.56 0.40	18.97 -1.49 3.08	15.87 -1.56 8.46	11.99 -1.07 5.61	5.59 0.30 -9.69	20.52 -1.80 6.66	19.63 -1.52 10.46	13.16 -0.89 5.80	11.10 -0.63 2.71	12.63 -0.76 5.70
NIAGARA_115W_LBMP 323714	16.02 -0.33 -4.44	19.79 -0.71 -2.02	23.73 -1.02 1.00	16.23 -1.00 8.63	9.69 -0.80 6.10	5.75 -0.34 0.98	19.11 -1.57 10.50	7.59 -0.30 -0.90	5.87 0.10 -6.38	2.03 0.47 -15.25	29.78 0.57 -52.34	7.57 -0.08 -17.34	20.31 -0.30 -4.76	20.45 -1.30 -2.06	19.61 -1.45 0.40	18.92 -1.56 3.06	15.63 -1.85 8.42	11.82 -1.27 5.57	5.53 0.27 -9.66	20.25 -2.11 6.62	19.28 -1.94 10.40	13.03 -1.06 5.76	10.99 -0.76 2.68	12.40 -1.03 5.66
NIAGARA_230_LBMP 323716	16.08 -0.21 -4.39	19.98 -0.49 -1.99	24.00 -0.81 0.95	16.76 -0.90 8.20	10.11 -0.74 5.74	6.03 -0.31 0.73	19.79 -1.43 9.96	7.88 -0.26 -1.14	6.02 0.07 -6.56	1.90 0.44 -15.16	29.14 0.54 -51.73	7.36 -0.08 -17.14	20.28 -0.28 -4.70	20.63 -1.11 -2.05	19.86 -1.23 0.36	19.40 -1.24 2.90	16.50 -1.41 7.98	12.52 -0.98 5.17	5.44 0.19 -9.65	21.12 -1.65 6.21	20.35 -1.39 9.86	13.66 -0.79 5.39	11.47 -0.56 2.40	13.05 -0.71 5.33
NIAGARA____ 23760	15.98 -0.39 -4.45	19.75 -0.75 -2.02	23.83 -0.95 0.97	16.64 -0.91 8.31	10.00 -0.74 5.85	5.95 -0.31 0.81	19.63 -1.45 10.10	7.81 -0.26 -1.07	6.05 0.15 -6.51	2.25 0.64 -15.32	30.15 0.78 -52.50	7.62 -0.07 -17.38	20.31 -0.32 -4.77	20.49 -1.27 -2.07	19.69 -1.39 0.38	19.16 -1.39 2.98	16.13 -1.57 8.20	12.23 -1.07 5.36	5.59 0.28 -9.72	20.74 -1.82 6.41	19.90 -1.58 10.13	13.39 -0.89 5.57	11.29 -0.62 2.52	12.79 -0.82 5.48
NINE_MILE_1 23575	13.49 -0.19 -1.78	18.96 -0.33 -0.81	25.31 -0.47 -0.03	25.35 -0.52 -0.02	16.85 -0.36 -0.63	9.52 -0.22 -2.66	30.47 -0.94 -0.22	10.68 -0.20 -3.89	5.93 0.03 -6.51	-4.51 0.39 -8.79	3.73 0.69 -26.16	-0.79 0.23 -8.67	17.76 -0.48 -2.38	20.01 -0.71 -1.04	20.93 -0.75 -0.22	22.79 -0.74 0.00	25.10 -0.79 0.00	19.62 -0.54 -1.50	1.74 0.11 -6.04	29.04 -0.82 -0.88	30.80 -0.82 -0.01	20.28 -0.39 -0.82	15.70 -0.25 -1.53	19.20 -0.33 -0.44
NINE_MILE_2 23744	13.49 -0.19 -1.78	18.96 -0.33 -0.81	25.31 -0.47 -0.03	25.35 -0.52 -0.02	16.85 -0.36 -0.63	9.52 -0.22 -2.66	30.47 -0.94 -0.22	10.68 -0.20 -3.89	5.93 0.03 -6.51	-4.51 0.39 -8.79	3.73 0.69 -26.16	-0.79 0.23 -8.67	17.76 -0.48 -2.38	20.01 -0.71 -1.04	20.93 -0.75 -0.22	22.79 -0.74 0.00	25.10 -0.79 0.00	19.62 -0.54 -1.50	1.74 0.11 -6.04	29.04 -0.82 -0.88	30.80 -0.82 -0.01	20.28 -0.39 -0.82	15.70 -0.25 -1.53	19.20 -0.33 -0.44
NM_CAPITAL___DRP 24208	41.49 0.20 -29.38	32.12 0.30 -13.33	26.63 0.44 -0.44	26.53 0.37 -0.31	26.74 0.25 -9.89	39.20 0.07 -32.06	34.03 0.19 -2.65	53.83 0.06 -46.77	77.72 -0.03 -78.36	92.04 -0.14 -105.88	291.54 -0.31 -314.98	94.47 -0.19 -104.35	44.87 0.38 -28.64	32.51 0.35 -12.47	24.48 0.39 -2.63	23.84 0.31 0.00	26.15 0.25 0.00	36.97 0.22 -18.09	68.18 -0.07 -72.66	39.95 0.33 -10.65	32.01 0.25 -0.15	30.71 0.28 -10.58	39.84 0.21 -25.20	26.65 0.29 -7.27
NM_CENTRAL___DRP 24181	14.57 0.06 -2.60	19.70 0.04 -1.18	25.84 0.05 -0.04	25.85 -0.03 -0.03	17.44 -0.05 -0.90	10.34 -0.07 -3.34	31.17 -0.29 -0.28	11.82 -0.05 -4.87	7.57 0.02 -8.17	-2.56 0.10 -11.03	9.93 0.23 -32.83	1.22 0.03 -10.87	18.68 -0.16 -2.99	20.65 -0.34 -1.30	21.40 -0.33 -0.27	23.29 -0.24 0.00	25.67 -0.23 0.00	20.42 -0.13 -1.89	3.19 0.02 -7.58	29.90 -0.18 -1.11	31.52 -0.11 -0.02	20.95 0.04 -1.06	16.70 0.05 -2.23	19.81 0.07 -0.64



NM_FRONTIER___DRP 24179	16.02 -0.33 -4.44	19.79 -0.71 -2.02	23.73 -1.02 1.00	16.23 -1.00 8.63	9.69 -0.80 6.10	5.75 -0.34 0.98	19.11 -1.57 10.50	7.59 -0.30 -0.90	5.87 0.10 -6.38	2.03 0.47 -15.25	29.78 0.57 -52.34	7.57 -0.08 -17.34	20.31 -0.30 -4.76	20.45 -1.30 -2.06	19.61 -1.45 0.40	18.92 -1.56 3.06	15.63 -1.85 8.42	11.82 -1.27 5.57	5.53 0.27 -9.66	20.25 -2.11 6.62	19.28 -1.94 10.40	13.03 -1.06 5.76	10.99 -0.76 2.68	12.40 -1.03 5.66
NM_ST_REGIS___HYD 24053	11.65 -0.26 0.00	18.17 -0.31 0.00	25.35 -0.40 0.00	25.50 -0.36 0.00	16.41 -0.20 -0.02	7.52 -0.07 -0.52	30.67 -0.56 -0.04	7.63 -0.12 -0.76	0.64 -0.03 -1.28	-11.72 0.25 -1.72	-16.50 0.64 -5.99	-4.28 0.36 -5.05	25.02 -0.55 -9.71	24.05 -0.67 -5.03	31.38 -0.72 -10.63	33.70 -0.87 -11.03	36.70 -0.80 -11.61	28.18 -0.66 -10.17	-0.99 0.14 -3.28	28.42 -0.73 -0.17	33.83 -0.98 -3.20	19.99 -0.77 -0.91	15.24 -0.53 -1.34	19.01 -0.78 -0.70
NORTHPORT___1 23551	34.27 0.85 -21.51	29.52 1.27 -9.76	28.02 1.95 -0.32	27.92 1.84 -0.23	25.11 1.28 -7.24	31.01 0.40 -23.53	35.16 2.04 -1.94	41.79 0.46 -34.34	57.11 -0.03 -57.75	63.32 -0.71 -77.73	316.69 -1.50 -341.32	66.38 -0.53 -76.60	43.12 1.05 -26.21	129.43 1.60 -108.14	30.52 1.53 -7.53	27.25 1.62 -2.10	27.26 1.37 0.00	33.08 1.14 -13.28	48.74 -0.25 -53.39	38.62 1.82 -7.82	34.06 2.34 -0.11	29.11 1.50 -7.76	33.98 1.10 -18.45	27.52 1.71 -6.72
NORTHPORT___2 23552	34.27 0.85 -21.51	29.52 1.27 -9.76	28.02 1.95 -0.32	27.92 1.84 -0.23	25.11 1.28 -7.24	31.01 0.40 -23.53	35.16 2.04 -1.94	41.79 0.46 -34.34	57.11 -0.03 -57.75	63.32 -0.71 -77.73	316.69 -1.50 -341.32	66.38 -0.53 -76.60	43.12 1.05 -26.21	129.43 1.60 -108.14	30.52 1.53 -7.53	27.25 1.62 -2.10	27.26 1.37 0.00	33.08 1.14 -13.28	48.74 -0.25 -53.39	38.62 1.82 -7.82	34.06 2.34 -0.11	29.11 1.50 -7.76	33.98 1.10 -18.45	27.52 1.71 -6.72
NORTHPORT___3 23553	34.30 0.88 -21.51	29.61 1.37 -9.76	28.10 2.03 -0.32	28.02 1.94 -0.23	25.16 1.33 -7.24	31.05 0.44 -23.53	35.30 2.17 -1.94	41.82 0.49 -34.34	57.11 -0.03 -57.75	63.22 -0.81 -77.73	316.58 -1.61 -341.32	66.30 -0.61 -76.60	43.20 1.14 -26.21	129.51 1.68 -108.14	30.61 1.62 -7.53	27.35 1.71 -2.10	27.39 1.50 0.00	33.19 1.25 -13.28	48.71 -0.27 -53.39	38.80 2.00 -7.82	34.23 2.51 -0.11	29.23 1.62 -7.76	34.05 1.18 -18.45	27.60 1.79 -6.72
NORTHPORT___4 23650	34.30 0.88 -21.51	29.61 1.37 -9.76	28.10 2.03 -0.32	28.02 1.94 -0.23	25.16 1.33 -7.24	31.05 0.44 -23.53	35.30 2.17 -1.94	41.82 0.49 -34.34	57.11 -0.03 -57.75	63.22 -0.81 -77.73	316.58 -1.61 -341.32	66.30 -0.61 -76.60	43.20 1.14 -26.21	129.51 1.68 -108.14	30.61 1.62 -7.53	27.35 1.71 -2.10	27.39 1.50 0.00	33.19 1.25 -13.28	48.71 -0.27 -53.39	38.80 2.00 -7.82	34.23 2.51 -0.11	29.23 1.62 -7.76	34.05 1.18 -18.45	27.60 1.79 -6.72
NORTHPORT___IC 23718	34.27 0.85 -21.51	29.52 1.27 -9.76	28.02 1.95 -0.32	27.92 1.84 -0.23	25.11 1.28 -7.24	31.01 0.40 -23.53	35.16 2.04 -1.94	41.79 0.46 -34.34	57.11 -0.03 -57.75	63.32 -0.71 -77.73	316.69 -1.50 -341.32	66.38 -0.53 -76.60	43.12 1.05 -26.21	129.43 1.60 -108.14	30.52 1.53 -7.53	27.25 1.62 -2.10	27.26 1.37 0.00	33.08 1.14 -13.28	48.74 -0.25 -53.39	38.62 1.82 -7.82	34.06 2.34 -0.11	29.11 1.50 -7.76	33.98 1.10 -18.45	27.52 1.71 -6.72
NORTH___COUNTRY_ESR 323785	11.98 0.08 0.00	18.64 0.16 0.00	25.83 0.08 0.00	25.93 0.07 0.00	16.65 0.07 0.00	7.14 0.07 0.00	31.28 0.09 0.00	7.06 0.06 0.00	-0.68 -0.07 0.00	-13.66 0.04 0.00	-26.31 0.43 3.61	-23.49 0.34 14.14	-23.71 -0.62 38.95	-23.83 -0.74 42.78	-24.05 -0.87 44.64	-24.09 -1.12 46.51	-24.26 -1.22 48.93	-23.76 -0.91 41.52	-12.83 0.14 8.56	28.29 -0.68 0.00	17.18 -1.09 13.33	15.64 -0.90 3.31	8.14 -0.64 5.65	15.22 -0.94 2.93
NPX_GEN_1385_PROXY 323591	34.12 0.70 -21.51	29.08 0.84 -9.76	28.07 2.00 -0.32	27.71 1.63 -0.23	25.08 1.25 -7.24	30.93 0.32 -23.53	34.48 1.35 -1.94	41.65 0.31 -34.34	57.13 -0.01 -57.75	62.97 -0.39 -77.06	317.06 -1.13 -341.32	66.60 -0.31 -76.60	42.87 0.80 -26.21	129.25 1.43 -108.14	30.37 1.38 -7.53	26.96 1.33 -2.10	27.09 1.19 0.00	32.78 0.84 -13.28	44.91 -0.13 -49.44	37.96 1.16 -7.82	33.39 1.67 -0.11	28.61 0.99 -7.76	33.62 0.74 -18.45	27.29 1.48 -6.72
NPX_GEN_CSC 323557	34.14 0.72 -21.51	29.42 1.17 -9.76	27.86 1.79 -0.32	27.93 1.85 -0.23	25.09 1.26 -7.24	31.02 0.41 -23.53	35.30 2.17 -1.94	41.78 0.46 -34.34	57.11 -0.03 -57.75	63.46 -0.56 -77.73	316.97 -1.22 -341.32	66.50 -0.41 -76.60	42.97 0.91 -26.21	129.20 1.37 -108.14	30.23 1.23 -7.53	27.09 1.45 -2.10	26.97 1.07 0.00	32.90 0.95 -13.28	48.78 -0.21 -53.39	38.36 1.56 -7.82	33.74 2.02 -0.11	28.91 1.30 -7.76	33.92 1.04 -18.45	27.45 1.65 -6.72
NSINS_S_GLNS_FALLS 23858	44.11 0.46 -31.75	33.56 0.67 -14.41	27.07 0.84 -0.47	26.95 0.76 -0.33	27.79 0.52 -10.68	41.91 0.22 -34.62	34.99 0.95 -2.86	57.73 0.23 -50.51	83.97 -0.04 -84.62	100.18 -0.45 -114.34	316.14 -0.88 -340.15	102.56 -0.44 -112.68	47.28 0.49 -30.93	33.45 0.29 -13.47	24.66 0.36 -2.84	23.92 0.38 0.00	26.25 0.35 0.00	38.61 0.41 -19.53	73.95 -0.13 -78.49	41.23 0.75 -11.50	32.20 0.43 -0.16	31.80 0.53 -11.43	42.05 0.40 -27.23	27.28 0.34 -7.85
NUCOR_STEEL___DRP 24197	15.68 0.22 -3.55	20.45 0.36 -1.61	26.21 0.41 -0.05	26.27 0.38 -0.04	17.97 0.17 -1.22	11.52 0.04 -4.41	31.82 0.27 -0.36	13.51 0.08 -6.43	10.17 0.00 -10.78	0.79 -0.08 -14.56	20.21 0.01 -43.33	4.60 -0.07 -14.35	19.77 -0.03 -3.94	21.33 -0.07 -1.72	21.79 -0.03 -0.36	23.56 0.02 0.00	25.99 0.10 0.00	21.26 0.11 -2.49	5.54 -0.05 -10.00	30.74 0.30 -1.47	32.06 0.42 -0.02	21.65 0.39 -1.41	17.78 0.30 -3.05	20.41 0.44 -0.88
NUMBER_THREE_WT_PWR 323818	12.56 -0.42 -1.08	18.38 -0.59 -0.49	24.95 -0.82 -0.02	24.90 -0.97 -0.01	16.62 -0.34 -0.37	8.25 -0.23 -1.42	29.97 -1.34 -0.12	8.70 -0.36 -2.07	2.83 -0.02 -3.46	-8.30 0.72 -4.67	-7.50 1.56 -14.08	-3.95 0.47 -5.28	18.44 -0.51 -3.11	31.78 -0.71 -12.81	22.93 -0.75 -2.22	24.93 -0.80 -2.20	27.72 -0.48 -2.31	20.93 -0.50 -2.76	-0.62 0.16 -3.63	28.70 -0.75 -0.47	31.56 -0.69 -0.64	19.80 -0.65 -0.60	15.20 -0.42 -1.19	18.91 -0.58 -0.40
NYISO_LBMP_REFERENCE 24008	11.90 0.00 0.00	18.48 0.00 0.00	25.75 0.00 0.00	25.86 0.00 0.00	16.59 0.00 0.00	7.07 0.00 0.00	31.19 0.00 0.00	6.99 0.00 0.00	-0.61 0.00 0.00	-13.70 0.00 0.00	-23.13 0.00 0.00	-9.69 0.00 0.00	15.86 0.00 0.00	19.69 0.00 0.00	21.46 0.00 0.00	23.53 0.00 0.00	25.89 0.00 0.00	18.66 0.00 0.00	-4.41 0.00 0.00	28.98 0.00 0.00	31.61 0.00 0.00	19.85 0.00 0.00	14.43 0.00 0.00	19.09 0.00 0.00
NYPA_BRENTWD____GT 24164	34.40 0.99 -21.51	29.73 1.49 -9.76	28.25 2.18 -0.32	28.18 2.10 -0.23	25.26 1.43 -7.24	31.08 0.48 -23.53	35.53 2.40 -1.94	41.87 0.54 -34.34	57.12 -0.02 -57.75	63.19 -0.84 -77.73	316.47 -1.72 -341.32	66.27 -0.64 -76.60	43.29 1.23 -26.21	129.66 1.83 -108.14	30.76 1.77 -7.53	27.51 1.88 -2.10	27.48 1.59 0.00	33.28 1.33 -13.28	48.69 -0.30 -53.39	39.01 2.21 -7.82	34.47 2.75 -0.11	29.37 1.76 -7.76	34.17 1.29 -18.45	27.74 1.93 -6.72



NYPA_GOWANUS____GT5 24156	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.86 -1.21 -231.20	65.47 -0.50 -75.66	37.75 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NYPA_GOWANUS____GT6 24157	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.08 0.35 -33.73	53.40 -0.01 -54.02	63.36 -0.66 -77.71	206.86 -1.21 -231.20	65.47 -0.50 -75.66	37.75 0.91 -20.98	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32
NYPA_HARLEM__RVR__GT1 24160	34.06 0.65 -21.51	29.28 1.04 -9.76	27.58 1.51 -0.32	27.51 1.43 -0.23	24.82 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.07 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.28 -9.15	24.61 1.22 -1.93	24.76 1.23 0.00	27.14 1.25 0.00	33.03 1.09 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.99 -0.10	28.98 1.36 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
NYPA_HARLEM__RVR__GT2 24161	34.06 0.65 -21.51	29.28 1.04 -9.76	27.58 1.51 -0.32	27.51 1.43 -0.23	24.82 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.07 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.28 -9.15	24.61 1.22 -1.93	24.76 1.23 0.00	27.14 1.25 0.00	33.03 1.09 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.99 -0.10	28.98 1.36 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
NYPA_KENT____GT 24152	34.15 0.73 -21.51	29.39 1.15 -9.76	27.72 1.65 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.24 1.39 -9.15	24.76 1.37 -1.93	24.93 1.39 0.00	27.31 1.42 0.00	33.13 1.18 -13.28	48.74 -0.23 -53.38	38.57 1.77 -7.82	33.93 2.21 -0.11	29.08 1.47 -7.76	33.92 1.04 -18.45	25.91 1.50 -5.32
NYPA_POUCH1____GT 24155	34.20 0.78 -21.51	29.51 1.27 -9.76	27.74 1.67 -0.32	27.46 1.38 -0.23	24.82 0.99 -7.24	30.94 0.34 -23.53	34.57 1.45 -1.94	39.67 0.29 -32.39	46.45 -0.01 -47.07	63.48 -0.54 -77.71	206.99 -1.09 -231.20	63.71 -0.41 -73.81	37.56 0.80 -20.91	30.20 1.35 -9.15	24.66 1.27 -1.93	24.78 1.25 0.00	27.17 1.27 0.00	33.03 1.08 -13.28	48.78 -0.20 -53.38	38.56 1.76 -7.82	34.08 2.36 -0.11	29.17 1.56 -7.76	34.00 1.12 -18.45	25.88 1.47 -5.32
NYPA_VERNON____GT2 24162	34.13 0.72 -21.51	29.36 1.13 -9.76	27.69 1.62 -0.32	27.59 1.51 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.81 1.68 -1.94	41.69 0.36 -34.33	56.89 -0.01 -57.51	63.33 -0.69 -77.71	206.85 -1.22 -231.20	66.39 -0.51 -76.59	37.79 0.91 -21.02	30.22 1.38 -9.15	24.75 1.36 -1.93	24.91 1.38 0.00	27.29 1.40 0.00	33.10 1.16 -13.28	48.75 -0.23 -53.38	38.54 1.74 -7.82	33.88 2.16 -0.11	29.06 1.44 -7.76	33.89 1.02 -18.45	25.89 1.48 -5.32
NYPA_VERNON____GT3 24163	34.13 0.72 -21.51	29.36 1.13 -9.76	27.69 1.62 -0.32	27.59 1.51 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.81 1.68 -1.94	41.69 0.36 -34.33	56.89 -0.01 -57.51	63.33 -0.69 -77.71	206.85 -1.22 -231.20	66.39 -0.51 -76.59	37.79 0.91 -21.02	30.22 1.38 -9.15	24.75 1.36 -1.93	24.91 1.38 0.00	27.29 1.40 0.00	33.10 1.16 -13.28	48.75 -0.23 -53.38	38.54 1.74 -7.82	33.88 2.16 -0.11	29.06 1.44 -7.76	33.89 1.02 -18.45	25.89 1.48 -5.32
NYPA__ASTORIA_CC1 323568	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
NYPA__ASTORIA_CC2 323569	34.12 0.70 -21.51	29.34 1.10 -9.76	27.67 1.59 -0.32	27.57 1.49 -0.23	24.87 1.03 -7.24	30.97 0.37 -23.53	34.79 1.66 -1.94	41.68 0.36 -34.33	56.90 -0.01 -57.51	63.34 -0.67 -77.71	206.88 -1.19 -231.20	66.40 -0.49 -76.59	37.77 0.90 -21.02	30.20 1.36 -9.15	24.72 1.33 -1.93	24.88 1.35 0.00	27.26 1.37 0.00	33.09 1.15 -13.28	48.75 -0.22 -53.38	38.51 1.72 -7.82	33.84 2.12 -0.11	29.03 1.42 -7.76	33.87 1.00 -18.45	25.87 1.46 -5.32
NYPA__HOLTSVILL 23794	34.31 0.89 -21.51	29.61 1.37 -9.76	28.07 2.00 -0.32	28.04 1.96 -0.23	25.16 1.32 -7.24	31.03 0.43 -23.53	35.33 2.20 -1.94	41.82 0.48 -34.34	57.11 -0.03 -57.75	63.30 -0.73 -77.73	316.67 -1.52 -341.32	66.37 -0.55 -76.60	43.15 1.09 -26.21	129.44 1.61 -108.14	30.52 1.53 -7.53	27.30 1.67 -2.10	27.23 1.34 0.00	33.08 1.14 -13.28	48.73 -0.26 -53.39	38.70 1.90 -7.82	34.13 2.40 -0.11	29.17 1.55 -7.76	34.06 1.18 -18.45	27.61 1.81 -6.72
NYPA__HELLGATE_GT1 24158	34.06 0.65 -21.51	29.28 1.04 -9.76	27.58 1.51 -0.32	27.51 1.43 -0.23	24.82 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.07 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.28 -9.15	24.61 1.22 -1.93	24.76 1.23 0.00	27.14 1.25 0.00	33.03 1.09 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.99 -0.10	28.98 1.36 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
NYPA__HELLGATE_GT2 24159	34.06 0.65 -21.51	29.28 1.04 -9.76	27.58 1.51 -0.32	27.51 1.43 -0.23	24.82 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.68 0.35 -34.33	56.92 0.01 -57.51	63.40 -0.61 -77.71	207.01 -1.07 -231.20	66.46 -0.44 -76.59	37.69 0.81 -21.02	30.12 1.28 -9.15	24.61 1.22 -1.93	24.76 1.23 0.00	27.14 1.25 0.00	33.03 1.09 -13.28	48.77 -0.21 -53.38	38.38 1.59 -7.82	33.70 1.99 -0.10	28.98 1.36 -7.76	33.81 0.93 -18.44	25.83 1.42 -5.32
NYS_BARGE__HYD 23848	16.06 -0.18 -4.34	19.99 -0.46 -1.97	24.17 -0.66 0.93	17.28 -0.56 8.01	10.48 -0.52 5.59	6.21 -0.22 0.65	20.45 -1.00 9.74	8.07 -0.15 -1.22	6.13 0.15 -6.59	1.80 0.43 -15.06	28.63 0.48 -51.27	7.13 -0.17 -16.98	20.34 -0.17 -4.66	20.61 -1.11 -2.03	19.93 -1.18 0.35	19.62 -1.07 2.85	16.91 -1.16 7.83	12.83 -0.81 5.03	5.38 0.20 -9.58	21.58 -1.33 6.07	20.91 -1.03 9.67	14.01 -0.57 5.27	11.71 -0.40 2.32	13.39 -0.49 5.21
OAK ORCHARD__HYD 24046	15.56 0.07 -3.59	20.09 -0.02 -1.63	25.64 -0.17 -0.05	25.62 -0.27 -0.04	17.53 -0.28 -1.23	11.34 -0.14 -4.41	30.99 -0.56 -0.36	13.35 -0.08 -6.44	10.20 0.03 -10.78	1.03 0.16 -14.57	20.42 0.21 -43.34	4.56 -0.11 -14.36	19.67 -0.12 -3.94	20.81 -0.59 -1.72	21.26 -0.56 -0.36	23.13 -0.41 0.00	25.38 -0.52 0.00	20.76 -0.39 -2.49	5.63 0.04 -9.99	29.92 -0.52 -1.47	31.32 -0.31 -0.02	21.16 -0.11 -1.41	17.42 -0.07 -3.07	19.86 -0.12 -0.89



OCC_CHEM___DRP 24175	16.06 -0.30 -4.45	19.84 -0.66 -2.02	23.78 -0.97 1.01	16.22 -0.96 8.68	9.67 -0.78 6.14	5.73 -0.33 1.01	19.09 -1.53 10.56	7.57 -0.29 -0.87	5.85 0.10 -6.36	2.02 0.45 -15.26	29.82 0.54 -52.41	7.58 -0.09 -17.36	20.34 -0.28 -4.77	20.49 -1.26 -2.06	19.64 -1.41 0.40	18.95 -1.50 3.08	15.64 -1.78 8.47	11.82 -1.22 5.62	5.52 0.26 -9.66	20.28 -2.03 6.66	19.29 -1.86 10.46	13.03 -1.02 5.80	10.99 -0.72 2.72	12.41 -0.98 5.70
OH_GEN_PROXY 24063	16.12 -0.18 -4.40	20.03 -0.45 -2.00	24.18 -0.72 0.86	17.58 -0.84 7.44	10.83 -0.70 5.07	6.61 -0.30 0.16	20.83 -1.36 9.01	8.52 -0.24 -1.77	6.64 0.07 -7.18	2.14 0.42 -15.42	29.29 0.53 -51.89	7.42 -0.08 -17.19	20.31 -0.27 -4.72	20.70 -1.04 -2.06	20.02 -1.15 0.29	19.76 -1.14 2.63	17.33 -1.32 7.24	13.35 -0.92 4.40	5.68 0.18 -9.90	21.97 -1.54 5.46	21.38 -1.29 8.94	14.40 -0.72 4.73	12.10 -0.51 1.81	13.72 -0.64 4.73
OLIN_CORP_DRP 24177	16.02 -0.38 -4.50	19.76 -0.76 -2.04	23.70 -1.03 1.02	16.16 -0.87 8.82	9.61 -0.72 6.25	5.70 -0.30 1.07	19.06 -1.39 10.74	7.59 -0.23 -0.82	5.94 0.18 -6.37	2.32 0.64 -15.38	30.53 0.78 -52.88	7.76 -0.07 -17.52	20.33 -0.33 -4.81	20.42 -1.37 -2.09	19.55 -1.50 0.41	18.97 -1.43 3.13	15.76 -1.52 8.61	11.88 -1.04 5.74	5.60 0.28 -9.73	20.42 -1.76 6.79	19.50 -1.47 10.64	13.08 -0.86 5.91	11.03 -0.61 2.79	12.54 -0.74 5.81
OLIN_CORP_DSASP 323712	16.06 -0.30 -4.45	19.84 -0.66 -2.02	23.78 -0.97 1.01	16.22 -0.96 8.68	9.67 -0.78 6.14	5.73 -0.33 1.01	19.09 -1.53 10.56	7.57 -0.29 -0.87	5.85 0.10 -6.36	2.02 0.45 -15.26	29.82 0.54 -52.41	7.58 -0.09 -17.36	20.34 -0.28 -4.77	20.49 -1.26 -2.06	19.64 -1.41 0.40	18.95 -1.50 3.08	15.64 -1.78 8.47	11.82 -1.22 5.62	5.52 0.26 -9.66	20.28 -2.03 6.66	19.29 -1.86 10.46	13.03 -1.02 5.80	10.99 -0.72 2.72	12.41 -0.98 5.70
ONEIDA_HERK_LFGE 323681	12.91 0.10 -0.91	19.04 0.15 -0.41	26.01 0.24 -0.01	26.03 0.16 -0.01	17.08 0.17 -0.31	8.29 0.04 -1.18	31.37 0.08 -0.10	8.72 0.01 -1.72	2.26 -0.01 -2.88	-9.79 0.02 -3.89	-11.40 0.16 -11.57	-5.83 0.03 -3.83	16.87 -0.04 -1.05	23.03 -0.12 -3.46	21.46 -0.10 -0.10	23.48 -0.05 0.00	26.03 0.14 0.00	19.47 0.14 -0.66	-1.77 -0.03 -2.67	29.63 0.26 -0.39	31.94 0.32 -0.01	20.38 0.16 -0.37	15.34 0.13 -0.78	19.48 0.16 -0.23
ONONDAGA_REF_OCCRA 23987	15.23 0.13 -3.20	20.08 0.15 -1.45	26.01 0.21 -0.05	26.02 0.12 -0.03	17.75 0.06 -1.10	11.05 -0.02 -4.00	31.42 -0.10 -0.33	12.82 -0.01 -5.83	9.18 0.01 -9.77	-0.47 0.02 -13.21	16.28 0.12 -39.29	3.32 -0.01 -13.02	19.34 -0.09 -3.57	21.01 -0.24 -1.56	21.56 -0.23 -0.33	23.43 -0.11 0.00	25.83 -0.06 0.00	20.92 0.00 -2.26	4.65 -0.02 -9.07	30.32 0.01 -1.33	31.74 0.11 -0.02	21.30 0.17 -1.28	17.32 0.14 -2.74	20.08 0.20 -0.79
ONONDAGA___COGEN 23986	14.98 0.10 -2.97	19.94 0.11 -1.35	25.92 0.12 -0.04	25.95 0.06 -0.03	17.62 0.00 -1.02	10.81 -0.05 -3.79	31.32 -0.19 -0.31	12.50 -0.02 -5.53	8.67 0.01 -9.27	-1.11 0.07 -12.52	14.31 0.19 -37.25	2.67 0.01 -12.34	19.10 -0.14 -3.39	20.88 -0.29 -1.47	21.49 -0.28 -0.31	23.36 -0.17 0.00	25.74 -0.15 0.00	20.73 -0.08 -2.14	4.19 0.00 -8.60	30.16 -0.07 -1.26	31.64 0.01 -0.02	21.17 0.12 -1.21	17.08 0.11 -2.55	19.98 0.15 -0.74
ONTARIO___LFGE 23819	16.34 0.24 -4.20	20.67 0.28 -1.91	26.98 0.46 -0.77	31.82 0.19 -5.77	23.14 0.10 -6.46	16.32 0.03 -9.22	38.77 -0.02 -7.60	18.97 0.04 -11.93	16.20 0.03 -16.78	4.60 -0.03 -18.32	26.92 0.11 -49.94	6.77 -0.09 -16.54	20.31 -0.09 -4.54	21.32 -0.35 -1.98	22.13 -0.29 -0.96	25.48 -0.03 -1.98	31.39 0.03 -5.47	27.12 0.04 -8.42	8.64 -0.04 -13.08	36.17 0.08 -7.12	38.64 0.25 -6.77	26.60 0.25 -6.50	22.45 0.19 -7.83	24.86 0.33 -5.44
ORANGEVILLE_WT_PWR 323706	17.14 -0.10 -5.34	20.54 -0.36 -2.42	20.80 -0.51 4.44	-11.56 -0.72 36.71	-14.38 -0.53 30.43	-13.58 -0.24 20.41	-15.65 -1.08 45.76	-13.14 -0.22 19.92	-13.24 0.09 12.72	-2.32 0.52 -10.86	39.37 0.75 -61.75	10.77 0.00 -20.46	21.13 -0.34 -5.61	21.12 -1.02 -2.44	17.40 -1.07 2.99	9.78 -0.94 12.81	-10.26 -0.91 35.25	-14.37 -0.68 32.36	-0.04 0.18 -4.19	-5.37 -1.32 33.03	-13.16 -1.15 43.62	-10.08 -0.62 29.31	-8.67 -0.44 22.65	-8.48 -0.52 27.05
ORANGEVILLE___ESR 323794	17.14 -0.10 -5.34	20.54 -0.36 -2.42	20.80 -0.51 4.44	-11.56 -0.72 36.71	-14.38 -0.53 30.43	-13.58 -0.24 20.41	-15.65 -1.08 45.76	-13.14 -0.22 19.92	-13.24 0.09 12.72	-2.32 0.52 -10.86	39.37 0.75 -61.75	10.77 0.00 -20.46	21.13 -0.34 -5.61	21.12 -1.02 -2.44	17.40 -1.07 2.99	9.78 -0.94 12.81	-10.26 -0.91 35.25	-14.37 -0.68 32.36	-0.04 0.18 -4.19	-5.37 -1.32 33.03	-13.16 -1.15 43.62	-10.08 -0.62 29.31	-8.67 -0.44 22.65	-8.48 -0.52 27.05
OSWEGATCHIE___HYD 24044	12.27 -0.44 -0.80	18.23 -0.61 -0.36	24.90 -0.86 -0.01	24.99 -0.88 -0.01	16.44 -0.43 -0.28	7.91 -0.22 -1.06	30.12 -1.15 -0.09	8.25 -0.01 -1.55	1.97 0.57 -2.59	-9.63 1.28 -3.50	-11.08 0.48 -10.77	-4.31 0.48 -4.89	20.03 -0.76 -4.93	16.77 -0.99 1.93	25.09 -1.02 -4.66	27.15 -1.15 -4.76	29.98 -0.92 -5.01	22.80 -0.73 -4.86	-0.92 0.19 -3.31	28.33 -0.99 -0.35	31.90 -1.10 -1.38	19.67 -0.85 -0.67	15.10 -0.59 -1.26	18.76 -0.83 -0.50
OSWEGO___5 23606	13.87 -0.11 -2.08	19.22 -0.20 -0.94	25.49 -0.30 -0.03	25.53 -0.35 -0.02	17.07 -0.25 -0.73	9.92 -0.17 -3.03	30.70 -0.74 -0.25	11.26 -0.15 -4.42	6.81 0.02 -7.40	-3.39 0.31 -10.00	7.18 0.56 -29.75	0.34 0.17 -9.85	18.18 -0.39 -2.70	20.26 -0.60 -1.18	21.07 -0.63 -0.25	22.94 -0.60 0.00	25.26 -0.63 0.00	19.94 -0.43 -1.71	2.55 0.09 -6.87	29.34 -0.64 -1.01	31.01 -0.61 -0.01	20.53 -0.25 -0.94	16.06 -0.15 -1.78	19.40 -0.20 -0.51
OSWEGO___6 23613	13.87 -0.11 -2.08	19.22 -0.20 -0.94	25.49 -0.30 -0.03	25.53 -0.35 -0.02	17.07 -0.25 -0.73	9.92 -0.17 -3.03	30.70 -0.74 -0.25	11.26 -0.15 -4.42	6.81 0.02 -7.40	-3.39 0.31 -10.00	7.18 0.56 -29.75	0.34 0.17 -9.85	18.18 -0.39 -2.70	20.26 -0.60 -1.18	21.07 -0.63 -0.25	22.94 -0.60 0.00	25.26 -0.63 0.00	19.94 -0.43 -1.71	2.55 0.09 -6.87	29.34 -0.64 -1.01	31.01 -0.61 -0.01	20.53 -0.25 -0.94	16.06 -0.15 -1.78	19.40 -0.20 -0.51
OUTOKUMPU-AB___DRP 24206	16.39 -0.05 -4.53	20.27 -0.27 -2.06	24.28 -0.39 1.08	16.18 -0.40 9.28	9.54 -0.41 6.64	5.54 -0.17 1.36	19.05 -0.82 11.31	7.39 -0.13 -0.52	5.61 0.10 -6.12	1.94 0.24 -15.39	30.35 0.20 -53.28	7.70 -0.26 -17.65	20.69 -0.01 -4.84	20.92 -0.88 -2.10	20.07 -0.93 0.46	19.33 -0.90 3.30	15.77 -1.05 9.07	11.77 -0.71 6.19	5.43 0.15 -9.69	20.53 -1.20 7.24	19.48 -0.92 11.21	13.06 -0.47 6.31	10.98 -0.33 3.12	12.51 -0.41 6.17
OXBOW___ 24026	16.26 -0.14 -4.49	20.10 -0.42 -2.04	24.10 -0.61 1.04	16.26 -0.61 8.98	9.64 -0.56 6.39	5.65 -0.23 1.19	19.15 -1.09 10.94	7.49 -0.19 -0.69	5.73 0.10 -6.24	1.96 0.33 -15.33	30.06 0.33 -52.85	7.63 -0.19 -17.51	20.54 -0.12 -4.81	20.73 -1.04 -2.08	19.89 -1.13 0.43	19.18 -1.16 3.19	15.75 -1.37 8.77	11.83 -0.93 5.91	5.46 0.20 -9.68	20.48 -1.54 6.95	19.47 -1.30 10.84	13.10 -0.69 6.06	11.02 -0.48 2.92	12.51 -0.64 5.94



OXY_CHEM_DSASP 323612	16.06 -0.30 -4.45	19.84 -0.66 -2.02	23.78 -0.97 1.01	16.22 -0.96 8.68	9.67 -0.78 6.14	5.73 -0.33 1.01	19.09 -1.53 10.56	7.57 -0.29 -0.87	5.85 0.10 -6.36	2.02 0.45 -15.26	29.82 0.54 -52.41	7.58 -0.09 -17.36	20.34 -0.28 -4.77	20.49 -1.26 -2.06	19.64 -1.41 0.40	18.95 -1.50 3.08	15.64 -1.78 8.47	11.82 -1.22 5.62	5.52 0.26 -9.66	20.28 -2.03 6.66	19.29 -1.86 10.46	13.03 -1.02 5.80	10.99 -0.72 2.72	12.41 -0.98 5.70
OZONE_PARK_ESR 323760	34.20 0.78 -21.51	29.45 1.22 -9.76	27.83 1.75 -0.32	27.73 1.65 -0.23	24.97 1.14 -7.24	31.01 0.41 -23.53	34.98 1.85 -1.94	41.73 0.41 -34.33	56.88 -0.02 -57.51	63.23 -0.78 -77.71	206.67 -1.40 -231.19	66.31 -0.58 -76.59	37.90 1.03 -21.02	30.32 1.47 -9.15	24.85 1.47 -1.93	25.03 1.50 0.00	27.42 1.53 0.00	33.20 1.26 -13.28	48.72 -0.25 -53.38	38.74 1.94 -7.82	34.08 2.36 -0.11	29.17 1.55 -7.76	33.98 1.11 -18.45	25.99 1.58 -5.32
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.06 -0.30 -4.45	19.84 -0.66 -2.02	23.78 -0.97 1.01	16.22 -0.96 8.68	9.67 -0.78 6.14	5.73 -0.33 1.01	19.09 -1.53 10.56	7.57 -0.29 -0.87	5.85 0.10 -6.36	2.02 0.45 -15.26	29.82 0.54 -52.41	7.58 -0.09 -17.36	20.34 -0.28 -4.77	20.49 -1.26 -2.06	19.64 -1.41 0.40	18.95 -1.50 3.08	15.64 -1.78 8.47	11.82 -1.22 5.62	5.52 0.26 -9.66	20.28 -2.03 6.66	19.29 -1.86 10.46	13.03 -1.02 5.80	10.99 -0.72 2.72	12.41 -0.98 5.70
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.05 0.64 -21.51	29.26 1.02 -9.76	27.58 1.51 -0.32	27.49 1.41 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.68 1.55 -1.94	41.67 0.34 -34.33	56.91 0.01 -57.51	63.40 -0.61 -77.71	207.00 -1.07 -231.20	66.44 -0.46 -76.59	37.71 0.84 -21.02	30.13 1.28 -9.15	24.62 1.23 -1.93	24.76 1.23 0.00	27.14 1.25 0.00	33.01 1.07 -13.28	48.77 -0.21 -53.38	38.38 1.58 -7.82	33.69 1.97 -0.10	28.95 1.34 -7.76	33.80 0.92 -18.44	25.80 1.39 -5.32
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.00 0.59 -21.51	29.20 0.96 -9.76	27.58 1.51 -0.32	27.48 1.39 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.55 1.42 -1.94	41.63 0.31 -34.33	56.92 0.01 -57.51	63.47 -0.54 -77.71	207.11 -0.97 -231.20	66.49 -0.42 -76.59	37.65 0.77 -21.02	30.03 1.19 -9.15	24.54 1.16 -1.93	24.66 1.13 0.00	27.08 1.18 0.00	32.95 1.01 -13.28	48.79 -0.19 -53.38	38.25 1.46 -7.82	33.55 1.84 -0.10	28.85 1.24 -7.76	33.74 0.86 -18.44	25.77 1.36 -5.32
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.05 0.18 -4.96	20.85 0.12 -2.25	24.91 0.26 1.10	16.49 0.14 9.50	9.81 -0.08 6.69	5.96 -0.04 1.07	19.47 -0.15 11.56	8.00 0.00 -1.01	6.54 0.08 -7.06	3.19 0.05 -16.84	34.56 -0.09 -57.78	9.12 -0.34 -19.14	21.31 0.20 -5.25	21.55 -0.42 -2.29	20.64 -0.38 0.43	19.97 -0.22 3.35	16.41 -0.28 9.21	12.41 -0.19 6.06	6.34 0.05 -10.70	21.36 -0.40 7.22	20.19 -0.05 11.37	13.59 0.02 6.27	11.62 0.04 2.85	13.05 0.13 6.17
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.35 0.72 -21.72	29.44 1.10 -9.86	27.64 1.57 -0.32	27.56 1.47 -0.23	24.92 1.01 -7.31	31.20 0.37 -23.76	34.86 1.71 -1.96	42.05 0.39 -34.66	57.44 -0.03 -58.07	64.00 -0.77 -78.47	208.94 -1.38 -233.45	67.06 -0.59 -77.33	38.06 0.98 -21.23	30.27 1.33 -9.24	24.72 1.31 -1.95	24.87 1.33 0.00	27.26 1.36 0.00	33.21 1.14 -13.41	49.25 -0.25 -53.90	38.70 1.83 -7.90	33.86 2.14 -0.11	29.09 1.40 -7.84	34.05 0.99 -18.63	25.88 1.42 -5.37
PEEKSKILL____ 23653	33.86 0.62 -21.35	29.10 0.94 -9.69	27.42 1.35 -0.32	27.34 1.26 -0.22	24.66 0.88 -7.19	30.74 0.31 -23.35	34.53 1.42 -1.93	41.38 0.31 -34.07	56.45 -0.02 -57.08	62.81 -0.61 -77.12	205.20 -1.12 -229.45	65.85 -0.47 -76.01	37.53 0.82 -20.86	29.92 1.15 -9.08	24.51 1.13 -1.91	24.67 1.14 0.00	27.04 1.14 0.00	32.80 0.97 -13.18	48.37 -0.20 -52.98	38.27 1.53 -7.77	33.55 1.84 -0.11	28.77 1.22 -7.71	33.60 0.86 -18.31	25.64 1.27 -5.28
PGE MADISON____WINDPWR 24146	21.62 0.82 -8.90	23.72 1.20 -4.04	27.84 1.70 -0.39	29.62 1.59 -2.17	22.39 0.96 -4.84	19.00 0.37 -11.57	36.26 1.64 -3.43	23.72 0.40 -16.33	25.57 -0.01 -26.19	19.40 -0.72 -33.82	74.82 -1.01 -98.96	22.80 -0.29 -32.78	25.07 0.21 -9.00	23.86 0.25 -3.92	22.92 0.43 -1.03	25.26 0.99 -0.73	29.08 1.17 -2.01	27.41 1.02 -7.72	18.66 -0.35 -23.42	36.65 2.33 -5.35	36.66 2.52 -2.53	26.12 1.18 -5.09	24.50 0.87 -9.20	24.09 1.17 -3.83
PIERCEFIELD____HYD 23852	11.93 -0.40 -0.43	18.14 -0.53 -0.19	25.08 -0.68 -0.01	25.24 -0.62 0.00	16.37 -0.36 -0.15	7.49 -0.15 -0.57	30.35 -0.89 -0.05	7.62 -0.21 -0.83	0.78 -0.01 -1.40	-11.42 0.39 -1.89	-16.16 0.84 -6.13	-5.38 0.42 -3.89	21.32 -0.62 -6.09	20.13 -0.76 -1.20	27.12 -0.79 -6.45	29.28 -0.92 -6.67	32.07 -0.84 -7.01	24.25 -0.70 -6.29	-1.68 0.17 -2.56	28.25 -0.91 -0.19	32.41 -1.13 -1.93	19.65 -0.85 -0.65	15.02 -0.59 -1.18	18.78 -0.84 -0.53
PINELAWN_CC_1 323563	34.36 0.95 -21.51	29.67 1.43 -9.76	28.15 2.08 -0.32	28.07 1.99 -0.23	25.18 1.35 -7.24	31.06 0.45 -23.53	35.41 2.28 -1.94	41.85 0.52 -34.34	57.11 -0.03 -57.75	63.17 -0.86 -77.73	316.47 -1.72 -341.32	66.27 -0.64 -76.60	43.27 1.21 -26.21	129.59 1.76 -108.14	30.68 1.69 -7.53	27.41 1.78 -2.10	27.38 1.49 0.00	33.21 1.27 -13.28	48.70 -0.29 -53.39	38.92 2.12 -7.82	34.38 2.66 -0.11	29.32 1.71 -7.76	34.11 1.23 -18.45	27.65 1.84 -6.72
PJM_GEN_HTP_PROXY 323702	34.08 0.66 -21.51	29.27 1.03 -9.76	27.57 1.50 -0.32	27.49 1.40 -0.23	25.17 0.98 -7.60	30.95 0.35 -23.53	34.69 1.56 -1.94	41.66 0.34 -34.33	56.88 -0.02 -57.51	63.37 -0.64 -77.71	206.90 -1.16 -231.18	66.41 -0.48 -76.58	37.72 0.85 -21.02	30.10 1.26 -9.15	24.64 1.25 -1.93	24.81 1.27 0.00	27.17 1.28 0.00	33.01 1.07 -13.28	48.76 -0.21 -53.38	38.42 1.63 -7.82	33.73 2.01 -0.11	28.94 1.33 -7.76	33.82 0.95 -18.45	25.79 1.38 -5.32
PJM_GEN_KEystone 24065	26.24 0.35 -13.99	25.29 0.46 -6.35	26.41 0.73 0.06	24.60 0.62 1.88	19.92 0.36 -2.97	20.36 0.11 -13.18	30.18 0.47 1.47	26.90 0.11 -19.80	33.78 0.02 -34.36	34.17 -0.19 -48.06	121.14 -0.41 -144.68	37.75 -0.31 -47.75	29.34 0.34 -13.15	25.66 0.24 -5.73	22.75 0.28 -1.01	23.20 0.38 0.71	24.24 0.32 1.97	25.62 0.32 -6.64	30.20 -0.07 -34.68	32.88 0.53 -3.37	30.28 0.81 2.15	23.95 0.59 -3.52	25.51 0.45 -10.63	21.83 0.72 -2.03
PJM_GEN_NEPTUNE_PROXY 323594	34.22 0.81 -21.51	29.48 1.24 -9.76	27.90 1.83 -0.32	27.82 1.74 -0.23	25.39 1.20 -7.61	31.00 0.40 -23.53	35.08 1.95 -1.94	41.77 0.43 -34.34	57.01 -0.03 -57.65	63.31 -0.71 -77.73	266.92 -1.42 -291.47	66.38 -0.53 -76.60	40.73 1.01 -23.86	84.50 1.51 -63.30	27.90 1.44 -4.99	26.22 1.54 -1.15	27.23 1.34 0.00	33.08 1.13 -13.28	48.74 -0.24 -53.39	38.59 1.79 -7.82	34.00 2.28 -0.11	29.09 1.48 -7.76	33.94 1.06 -18.45	26.81 1.63 -6.09
PJM_GEN_VFT_PROXY 323633	34.01 0.59 -21.51	29.18 0.94 -9.76	27.50 1.43 -0.32	27.38 1.30 -0.23	25.14 0.94 -7.60	30.92 0.32 -23.53	34.55 1.42 -1.94	41.52 0.30 -34.22	56.25 -0.01 -56.87	63.46 -0.54 -77.71	207.08 -0.97 -231.19	63.71 -0.42 -73.81	37.50 0.74 -20.91	29.98 1.14 -9.15	24.49 1.10 -1.93	24.64 1.11 0.00	27.00 1.11 0.00	32.89 0.95 -13.28	48.79 -0.18 -53.38	38.28 1.48 -7.82	33.59 1.87 -0.11	28.83 1.22 -7.76	33.74 0.87 -18.45	25.71 1.30 -5.32



PLEASANTVLY___LBMP 24000	34.59 0.55 -22.14	29.37 0.84 -10.05	27.28 1.21 -0.33	27.21 1.12 -0.23	24.82 0.78 -7.45	31.55 0.27 -24.21	34.43 1.24 -2.00	42.60 0.28 -35.32	58.55 -0.02 -59.18	65.71 -0.55 -79.96	213.76 -1.01 -237.89	68.68 -0.43 -78.81	38.25 0.76 -21.63	30.17 1.06 -9.42	24.49 1.05 -1.99	24.57 1.04 0.00	26.92 1.02 0.00	33.20 0.87 -13.66	50.34 -0.18 -54.93	38.39 1.37 -8.05	33.35 1.62 -0.11	28.92 1.08 -7.99	34.19 0.77 -18.99	25.71 1.14 -5.48
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.18 0.65 -21.63	29.28 0.99 -9.82	27.50 1.43 -0.32	27.42 1.34 -0.23	24.80 0.93 -7.28	31.06 0.33 -23.66	34.64 1.50 -1.95	41.85 0.33 -34.52	57.21 -0.02 -57.84	63.80 -0.65 -78.15	208.20 -1.17 -232.50	66.84 -0.49 -77.02	37.85 0.86 -21.14	30.11 1.22 -9.20	24.60 1.20 -1.94	24.75 1.22 0.00	27.09 1.20 0.00	33.03 1.02 -13.35	49.06 -0.21 -53.68	38.44 1.60 -7.87	33.65 1.93 -0.11	28.93 1.27 -7.81	33.89 0.91 -18.55	25.75 1.31 -5.35
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.41 0.69 -21.81	29.43 1.05 -9.90	27.57 1.50 -0.32	27.49 1.40 -0.23	24.90 0.96 -7.34	31.28 0.35 -23.86	34.78 1.63 -1.97	42.18 0.37 -34.81	57.69 -0.02 -58.32	64.36 -0.74 -78.80	209.97 -1.34 -234.43	67.40 -0.57 -77.66	38.12 0.95 -21.31	30.24 1.27 -9.28	24.61 1.20 -1.96	24.74 1.20 0.00	27.13 1.23 0.00	33.18 1.06 -13.46	49.48 -0.24 -54.13	38.67 1.77 -7.93	33.79 2.06 -0.11	29.06 1.34 -7.87	34.08 0.95 -18.71	25.85 1.37 -5.40
POLETTI____ 23519	34.07 0.66 -21.51	29.27 1.03 -9.76	27.59 1.52 -0.32	27.51 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.66 0.34 -34.33	56.88 -0.02 -57.51	63.38 -0.63 -77.71	206.93 -1.14 -231.19	66.42 -0.48 -76.59	37.71 0.84 -21.02	30.10 1.26 -9.15	24.64 1.25 -1.93	24.81 1.27 0.00	27.17 1.27 0.00	33.02 1.08 -13.28	48.76 -0.21 -53.38	38.42 1.63 -7.82	33.74 2.02 -0.11	28.95 1.34 -7.76	33.83 0.95 -18.45	25.80 1.39 -5.32
PORT_JEFF_3 23555	34.34 0.92 -21.51	29.65 1.41 -9.76	28.13 2.05 -0.32	28.09 2.01 -0.23	25.19 1.35 -7.24	31.05 0.44 -23.53	35.41 2.28 -1.94	41.84 0.51 -34.34	57.10 -0.04 -57.75	63.25 -0.78 -77.73	316.59 -1.60 -341.32	66.33 -0.58 -76.60	43.21 1.14 -26.21	129.50 1.67 -108.14	30.59 1.60 -7.53	27.37 1.74 -2.10	27.30 1.40 0.00	33.14 1.19 -13.28	48.72 -0.27 -53.39	38.79 1.99 -7.82	34.22 2.50 -0.11	29.23 1.61 -7.76	34.10 1.22 -18.45	27.66 1.85 -6.72
PORT_JEFF_4 23616	34.34 0.92 -21.51	29.65 1.41 -9.76	28.13 2.05 -0.32	28.09 2.01 -0.23	25.19 1.35 -7.24	31.05 0.44 -23.53	35.41 2.28 -1.94	41.84 0.51 -34.34	57.10 -0.04 -57.75	63.25 -0.78 -77.73	316.59 -1.60 -341.32	66.33 -0.58 -76.60	43.21 1.14 -26.21	129.50 1.67 -108.14	30.59 1.60 -7.53	27.37 1.74 -2.10	27.30 1.40 0.00	33.14 1.19 -13.28	48.72 -0.27 -53.39	38.79 1.99 -7.82	34.22 2.50 -0.11	29.23 1.61 -7.76	34.10 1.22 -18.45	27.66 1.85 -6.72
PORT_JEFF_IC 23713	34.34 0.93 -21.51	29.66 1.42 -9.76	28.13 2.05 -0.32	28.10 2.02 -0.23	25.20 1.36 -7.24	31.05 0.45 -23.53	35.45 2.31 -1.94	41.84 0.51 -34.34	57.11 -0.04 -57.75	63.24 -0.79 -77.73	316.56 -1.63 -341.32	66.32 -0.60 -76.60	43.22 1.16 -26.21	129.53 1.70 -108.14	30.62 1.62 -7.53	27.40 1.76 -2.10	27.31 1.42 0.00	33.15 1.21 -13.28	48.71 -0.28 -53.39	38.82 2.02 -7.82	34.25 2.53 -0.11	29.25 1.63 -7.76	34.11 1.23 -18.45	27.66 1.86 -6.72
PPL PILGRIM_ST_GT1 24216	34.40 0.99 -21.51	29.73 1.49 -9.76	28.25 2.18 -0.32	28.18 2.10 -0.23	25.26 1.43 -7.24	31.08 0.48 -23.53	35.53 2.40 -1.94	41.87 0.54 -34.34	57.12 -0.02 -57.75	63.19 -0.84 -77.73	316.47 -1.72 -341.32	66.27 -0.64 -76.60	43.29 1.23 -26.21	129.66 1.83 -108.14	30.76 1.77 -7.53	27.51 1.88 -2.10	27.48 1.59 0.00	33.28 1.33 -13.28	48.69 -0.30 -53.39	39.01 2.21 -7.82	34.47 2.75 -0.11	29.37 1.76 -7.76	34.17 1.29 -18.45	27.74 1.93 -6.72
PPL PILGRIM_ST_GT2 24217	34.40 0.99 -21.51	29.73 1.49 -9.76	28.25 2.18 -0.32	28.18 2.10 -0.23	25.26 1.43 -7.24	31.08 0.48 -23.53	35.53 2.40 -1.94	41.87 0.54 -34.34	57.12 -0.02 -57.75	63.19 -0.84 -77.73	316.47 -1.72 -341.32	66.27 -0.64 -76.60	43.29 1.23 -26.21	129.66 1.83 -108.14	30.76 1.77 -7.53	27.51 1.88 -2.10	27.48 1.59 0.00	33.28 1.33 -13.28	48.69 -0.30 -53.39	39.01 2.21 -7.82	34.47 2.75 -0.11	29.37 1.76 -7.76	34.17 1.29 -18.45	27.74 1.93 -6.72
PPL_SHRM_GT3 24213	34.15 0.73 -21.51	29.42 1.18 -9.76	27.89 1.81 -0.32	27.94 1.86 -0.23	25.09 1.26 -7.24	31.02 0.41 -23.53	35.29 2.16 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.46 -0.57 -77.73	317.09 -1.10 -341.32	66.57 -0.35 -76.60	42.98 0.92 -26.21	129.14 1.32 -108.14	30.08 1.08 -7.53	27.09 1.46 -2.10	26.97 1.08 0.00	32.90 0.95 -13.28	48.78 -0.21 -53.39	38.37 1.57 -7.82	33.75 2.03 -0.11	28.92 1.30 -7.76	33.92 1.05 -18.45	27.47 1.66 -6.72
PPL_SHRM_GT4 24214	34.15 0.73 -21.51	29.42 1.18 -9.76	27.89 1.81 -0.32	27.94 1.86 -0.23	25.09 1.26 -7.24	31.02 0.41 -23.53	35.29 2.16 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.46 -0.57 -77.73	317.09 -1.10 -341.32	66.57 -0.35 -76.60	42.98 0.92 -26.21	129.14 1.32 -108.14	30.08 1.08 -7.53	27.09 1.46 -2.10	26.97 1.08 0.00	32.90 0.95 -13.28	48.78 -0.21 -53.39	38.37 1.57 -7.82	33.75 2.03 -0.11	28.92 1.30 -7.76	33.92 1.05 -18.45	27.47 1.66 -6.72
PROJECT___ORANGE 1 24174	14.61 0.07 -2.63	19.73 0.05 -1.20	25.86 0.07 -0.04	25.87 -0.01 -0.03	17.47 -0.03 -0.91	10.39 -0.06 -3.38	31.19 -0.27 -0.28	11.88 -0.04 -4.94	7.68 0.02 -8.27	-2.43 0.10 -11.17	10.32 0.22 -33.23	1.35 0.02 -11.01	18.74 -0.14 -3.02	20.68 -0.32 -1.32	21.43 -0.31 -0.28	23.31 -0.22 0.00	25.69 -0.20 0.00	20.46 -0.12 -1.91	3.27 0.01 -7.67	29.94 -0.16 -1.12	31.55 -0.08 -0.02	20.98 0.06 -1.07	16.74 0.06 -2.26	19.83 0.08 -0.65
PROJECT___ORANGE 2 24166	14.61 0.07 -2.63	19.73 0.05 -1.20	25.86 0.07 -0.04	25.87 -0.01 -0.03	17.47 -0.03 -0.91	10.39 -0.06 -3.38	31.19 -0.27 -0.28	11.88 -0.04 -4.94	7.68 0.02 -8.27	-2.43 0.10 -11.17	10.32 0.22 -33.23	1.35 0.02 -11.01	18.74 -0.14 -3.02	20.68 -0.32 -1.32	21.43 -0.31 -0.28	23.31 -0.22 0.00	25.69 -0.20 0.00	20.46 -0.12 -1.91	3.27 0.01 -7.67	29.94 -0.16 -1.12	31.55 -0.08 -0.02	20.98 0.06 -1.07	16.74 0.06 -2.26	19.83 0.08 -0.65
PUCKETT___SOLAR 323809	21.88 0.49 -9.48	23.48 0.70 -4.30	27.00 1.11 -0.14	26.90 0.95 -0.10	20.39 0.59 -3.21	17.97 0.21 -10.70	32.99 0.92 -0.88	22.83 0.22 -15.61	25.54 0.00 -26.14	21.25 -0.38 -35.33	81.46 -0.51 -105.10	24.93 -0.19 -34.81	25.56 0.15 -9.55	23.93 0.08 -4.16	22.49 0.16 -0.88	24.05 0.52 0.00	26.57 0.68 0.00	25.30 0.60 -6.04	19.70 -0.15 -24.27	33.58 1.05 -3.56	32.92 1.26 -0.05	24.17 0.82 -3.50	23.17 0.61 -8.13	22.30 0.87 -2.35
PYRITES___HYD 24023	11.71 -0.19 0.00	18.29 -0.19 0.00	25.60 -0.15 0.00	25.78 -0.08 0.00	16.57 -0.04 -0.02	7.59 -0.01 -0.53	30.95 -0.28 -0.04	7.70 -0.07 -0.77	0.67 -0.02 -1.30	-11.84 0.11 -1.75	-17.08 0.37 -5.67	-5.90 0.24 -3.55	21.02 -0.33 -5.49	20.04 -0.41 -0.76	26.86 -0.40 -5.80	29.06 -0.46 -5.99	31.89 -0.31 -6.31	24.01 -0.32 -5.66	-1.99 0.08 -2.34	28.85 -0.30 -0.18	32.88 -0.47 -1.74	19.97 -0.43 -0.56	14.87 -0.29 -0.73	19.03 -0.43 -0.38



RAMAPO____LBMP 323565	33.40 0.59 -20.91	28.86 0.89 -9.49	27.35 1.28 -0.31	27.28 1.20 -0.22	24.47 0.84 -7.04	30.25 0.30 -22.88	34.42 1.34 -1.89	40.67 0.30 -33.38	55.29 -0.02 -55.92	61.28 -0.59 -75.56	200.60 -1.07 -224.80	64.32 -0.46 -74.47	37.08 0.78 -20.44	29.65 1.06 -8.90	24.38 1.05 -1.88	24.59 1.06 0.00	26.96 1.06 0.00	32.48 0.91 -12.91	47.30 -0.19 -51.90	38.04 1.46 -7.61	33.46 1.75 -0.11	28.56 1.16 -7.55	33.18 0.83 -17.93	25.47 1.21 -5.17
RANKINE____ 23646	16.79 0.06 -4.82	20.58 -0.09 -2.19	24.27 -0.16 1.32	14.29 -0.30 11.27	7.95 -0.34 8.29	4.43 -0.14 2.50	16.74 -0.65 13.80	6.30 -0.10 0.60	4.82 0.07 -5.36	2.38 0.19 -15.89	33.35 0.13 -56.35	8.71 -0.27 -18.67	21.03 0.05 -5.12	21.25 -0.67 -2.23	20.14 -0.69 0.63	18.88 -0.63 4.02	14.11 -0.73 11.06	10.14 -0.49 8.04	5.50 0.10 -9.81	18.98 -0.88 9.11	17.36 -0.58 13.67	11.59 -0.29 7.98	9.82 -0.20 4.41	11.19 -0.20 7.70
RAVENSWOOD_GT2_1 24244	34.09 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.51 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.71 1.59 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.91 -1.17 -231.20	66.42 -0.49 -76.59	37.74 0.87 -21.02	30.13 1.28 -9.15	24.66 1.27 -1.93	24.82 1.29 0.00	27.19 1.30 0.00	33.03 1.09 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.76 2.04 -0.11	28.97 1.35 -7.76	33.84 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD_GT2_2 24245	34.09 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.51 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.71 1.59 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.91 -1.17 -231.20	66.42 -0.49 -76.59	37.74 0.87 -21.02	30.13 1.28 -9.15	24.66 1.27 -1.93	24.82 1.29 0.00	27.19 1.30 0.00	33.03 1.09 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.76 2.04 -0.11	28.97 1.35 -7.76	33.84 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD_GT2_3 24246	34.09 0.68 -21.51	29.29 1.05 -9.76	27.61 1.53 -0.32	27.52 1.44 -0.23	24.84 1.00 -7.24	30.96 0.36 -23.53	34.72 1.60 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.36 -0.66 -77.71	206.90 -1.18 -231.20	66.41 -0.49 -76.59	37.75 0.87 -21.02	30.13 1.29 -9.15	24.66 1.27 -1.93	24.83 1.30 0.00	27.19 1.30 0.00	33.03 1.09 -13.28	48.76 -0.22 -53.38	38.47 1.67 -7.82	33.77 2.05 -0.11	28.97 1.36 -7.76	33.84 0.97 -18.45	25.82 1.41 -5.32
RAVENSWOOD_GT2_4 24247	34.09 0.68 -21.51	29.29 1.05 -9.76	27.61 1.53 -0.32	27.52 1.44 -0.23	24.84 1.00 -7.24	30.96 0.36 -23.53	34.72 1.60 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.36 -0.66 -77.71	206.90 -1.18 -231.20	66.41 -0.49 -76.59	37.75 0.87 -21.02	30.13 1.29 -9.15	24.66 1.27 -1.93	24.83 1.30 0.00	27.19 1.30 0.00	33.03 1.09 -13.28	48.76 -0.22 -53.38	38.47 1.67 -7.82	33.77 2.05 -0.11	28.97 1.36 -7.76	33.84 0.97 -18.45	25.82 1.41 -5.32
RAVENSWOOD_GT3_1 24248	34.08 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.51 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.71 1.58 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.91 -1.17 -231.20	66.41 -0.49 -76.59	37.74 0.86 -21.02	30.12 1.28 -9.15	24.65 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.08 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.84 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD_GT3_2 24249	34.08 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.51 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.71 1.58 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.91 -1.17 -231.20	66.41 -0.49 -76.59	37.74 0.86 -21.02	30.12 1.28 -9.15	24.65 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.08 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.84 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD_GT3_3 24250	34.11 0.69 -21.51	29.31 1.07 -9.76	27.63 1.56 -0.32	27.54 1.46 -0.23	24.85 1.02 -7.24	30.96 0.36 -23.53	34.76 1.63 -1.94	41.68 0.35 -34.33	56.89 -0.02 -57.51	63.35 -0.67 -77.71	206.87 -1.20 -231.20	66.40 -0.50 -76.59	37.77 0.89 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.22 1.33 0.00	33.06 1.11 -13.28	48.75 -0.22 -53.38	38.50 1.70 -7.82	33.82 2.09 -0.11	29.00 1.38 -7.76	33.86 0.98 -18.45	25.84 1.43 -5.32
RAVENSWOOD_GT3_4 24251	34.11 0.69 -21.51	29.31 1.07 -9.76	27.63 1.56 -0.32	27.54 1.46 -0.23	24.85 1.02 -7.24	30.96 0.36 -23.53	34.76 1.63 -1.94	41.68 0.35 -34.33	56.89 -0.02 -57.51	63.35 -0.67 -77.71	206.87 -1.20 -231.20	66.40 -0.50 -76.59	37.77 0.89 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.22 1.33 0.00	33.06 1.11 -13.28	48.75 -0.22 -53.38	38.50 1.70 -7.82	33.82 2.09 -0.11	29.00 1.38 -7.76	33.86 0.98 -18.45	25.84 1.43 -5.32
RAVENSWOOD_GT_1 23729	34.13 0.72 -21.51	29.36 1.13 -9.76	27.69 1.62 -0.32	27.59 1.51 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.81 1.68 -1.94	41.69 0.36 -34.33	56.89 -0.01 -57.51	63.33 -0.69 -77.71	206.85 -1.22 -231.20	66.39 -0.51 -76.59	37.79 0.91 -21.02	30.22 1.38 -9.15	24.75 1.36 -1.93	24.91 1.38 0.00	27.29 1.40 0.00	33.10 1.16 -13.28	48.75 -0.23 -53.38	38.54 1.74 -7.82	33.88 2.16 -0.11	29.06 1.44 -7.76	33.89 1.02 -18.45	25.89 1.48 -5.32
RAVENSWOOD_GT_10 24258	34.08 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.67 0.34 -34.33	56.88 -0.02 -57.51	63.39 -0.63 -77.71	206.94 -1.13 -231.20	66.41 -0.49 -76.59	37.74 0.86 -21.02	30.12 1.28 -9.15	24.64 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.08 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.83 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD_GT_11 24259	34.08 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.67 0.34 -34.33	56.88 -0.02 -57.51	63.39 -0.63 -77.71	206.94 -1.13 -231.20	66.41 -0.49 -76.59	37.74 0.86 -21.02	30.12 1.28 -9.15	24.64 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.08 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.83 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD_GT_4 24252	34.09 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.71 1.58 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.74 0.87 -21.02	30.11 1.27 -9.15	24.65 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.09 -13.28	48.76 -0.22 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.84 0.96 -18.45	25.80 1.39 -5.32
RAVENSWOOD_GT_5 24254	34.09 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.71 1.58 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.74 0.87 -21.02	30.11 1.27 -9.15	24.65 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.09 -13.28	48.76 -0.22 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.84 0.96 -18.45	25.80 1.39 -5.32



RAVENSWOOD_GT_6 24253	34.09 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.71 1.58 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.74 0.87 -21.02	30.11 1.27 -9.15	24.65 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.09 -13.28	48.76 -0.22 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.84 0.96 -18.45	25.80 1.39 -5.32
RAVENSWOOD_GT_7 24255	34.09 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.71 1.58 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.74 0.87 -21.02	30.11 1.27 -9.15	24.65 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.09 -13.28	48.76 -0.22 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.84 0.96 -18.45	25.80 1.39 -5.32
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.08 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.67 0.34 -34.33	56.88 -0.02 -57.51	63.39 -0.63 -77.71	206.94 -1.13 -231.20	66.41 -0.49 -76.59	37.74 0.86 -21.02	30.12 1.28 -9.15	24.64 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.08 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.83 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD_GT_9 24257	34.08 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.50 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.70 1.57 -1.94	41.67 0.34 -34.33	56.88 -0.02 -57.51	63.39 -0.63 -77.71	206.94 -1.13 -231.20	66.41 -0.49 -76.59	37.74 0.86 -21.02	30.12 1.28 -9.15	24.64 1.26 -1.93	24.81 1.28 0.00	27.18 1.29 0.00	33.02 1.08 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.75 2.03 -0.11	28.96 1.35 -7.76	33.83 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD___1 23533	34.10 0.69 -21.51	29.32 1.09 -9.76	27.64 1.56 -0.32	27.54 1.46 -0.23	24.85 1.02 -7.24	30.96 0.36 -23.53	34.75 1.62 -1.94	41.68 0.35 -34.33	56.90 -0.01 -57.51	63.35 -0.66 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.76 0.88 -21.02	30.17 1.33 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.23 1.34 0.00	33.07 1.13 -13.28	48.76 -0.22 -53.38	38.48 1.68 -7.82	33.81 2.09 -0.11	29.00 1.39 -7.76	33.86 0.99 -18.45	25.85 1.44 -5.32
RAVENSWOOD___2 23534	34.10 0.69 -21.51	29.32 1.09 -9.76	27.64 1.56 -0.32	27.54 1.46 -0.23	24.85 1.02 -7.24	30.96 0.36 -23.53	34.75 1.62 -1.94	41.68 0.35 -34.33	56.90 -0.01 -57.51	63.35 -0.66 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.76 0.88 -21.02	30.17 1.33 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.23 1.34 0.00	33.07 1.13 -13.28	48.76 -0.22 -53.38	38.48 1.68 -7.82	33.81 2.09 -0.11	29.00 1.39 -7.76	33.86 0.99 -18.45	25.85 1.44 -5.32
RAVENSWOOD___3 23535	34.09 0.67 -21.51	29.29 1.05 -9.76	27.59 1.52 -0.32	27.51 1.42 -0.23	24.83 0.99 -7.24	30.95 0.35 -23.53	34.72 1.59 -1.94	41.67 0.34 -34.33	56.89 -0.02 -57.51	63.37 -0.65 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.74 0.87 -21.02	30.13 1.28 -9.15	24.66 1.27 -1.93	24.82 1.29 0.00	27.19 1.30 0.00	33.03 1.09 -13.28	48.76 -0.21 -53.38	38.45 1.65 -7.82	33.76 2.04 -0.11	28.97 1.35 -7.76	33.84 0.96 -18.45	25.81 1.40 -5.32
RAVENSWOOD___4 23820	34.10 0.69 -21.51	29.32 1.09 -9.76	27.64 1.56 -0.32	27.54 1.46 -0.23	24.85 1.02 -7.24	30.96 0.36 -23.53	34.75 1.62 -1.94	41.68 0.35 -34.33	56.90 -0.01 -57.51	63.35 -0.66 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.76 0.88 -21.02	30.17 1.33 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.23 1.34 0.00	33.07 1.13 -13.28	48.76 -0.22 -53.38	38.48 1.68 -7.82	33.81 2.09 -0.11	29.00 1.39 -7.76	33.86 0.99 -18.45	25.85 1.44 -5.32
RCPL_TRUST___DRP 24196	34.10 0.69 -21.51	29.31 1.07 -9.76	27.62 1.54 -0.32	27.53 1.45 -0.23	24.84 1.01 -7.24	30.96 0.36 -23.53	34.74 1.61 -1.94	41.67 0.35 -34.33	56.88 -0.02 -57.51	63.34 -0.67 -77.71	206.85 -1.20 -231.18	66.39 -0.50 -76.58	37.75 0.88 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.86 1.33 0.00	27.23 1.34 0.00	33.06 1.12 -13.28	48.75 -0.22 -53.38	38.50 1.70 -7.82	33.81 2.09 -0.11	28.99 1.38 -7.76	33.86 0.98 -18.45	25.83 1.42 -5.32
RED___ROCHESTER 323720	15.62 0.15 -3.57	20.19 0.09 -1.62	25.78 -0.03 -0.05	25.77 -0.13 -0.04	17.63 -0.18 -1.22	11.36 -0.10 -4.39	31.19 -0.36 -0.36	13.37 -0.03 -6.40	10.15 0.03 -10.73	0.87 0.07 -14.50	20.07 0.06 -43.13	4.43 -0.17 -14.29	19.75 -0.02 -3.92	20.92 -0.47 -1.71	21.40 -0.42 -0.36	23.28 -0.25 0.00	25.54 -0.35 0.00	20.87 -0.27 -2.48	5.55 0.01 -9.95	30.12 -0.32 -1.46	31.55 -0.09 -0.02	21.29 0.04 -1.41	17.51 0.03 -3.06	19.98 0.01 -0.88
REGAN___SOLAR 323812	48.49 1.10 -35.48	36.32 1.74 -16.10	28.87 2.59 -0.53	28.72 2.49 -0.37	30.15 1.61 -11.94	46.44 0.67 -38.70	37.12 2.74 -3.20	64.10 0.64 -56.47	93.94 -0.05 -94.60	112.97 -1.15 -127.82	354.99 -2.16 -380.28	115.34 -0.94 -125.97	51.37 0.94 -34.57	35.62 0.88 -15.05	25.64 1.00 -3.17	24.67 1.13 0.00	27.80 1.90 0.00	42.21 1.71 -21.84	82.93 -0.41 -87.76	44.77 2.93 -12.86	35.00 3.21 -0.18	34.54 1.92 -12.78	46.20 1.34 -30.43	29.69 1.83 -8.77
RENSSELAER___COGEN 23796	40.95 0.16 -28.89	31.82 0.23 -13.11	26.52 0.33 -0.43	26.42 0.26 -0.30	26.51 0.19 -9.73	38.64 0.04 -31.52	33.90 0.11 -2.60	53.03 0.04 -46.00	76.43 -0.02 -77.06	90.33 -0.09 -104.12	286.43 -0.20 -309.76	92.79 -0.13 -102.61	44.30 0.28 -28.16	32.22 0.26 -12.26	24.32 0.28 -2.58	23.74 0.21 0.00	26.05 0.15 0.00	36.61 0.16 -17.79	67.00 -0.05 -71.46	39.69 0.24 -10.47	31.95 0.19 -0.15	30.48 0.22 -10.41	39.37 0.16 -24.78	26.48 0.25 -7.15
REVERE_CPPR_DRP 24186	13.66 0.30 -1.46	19.59 0.45 -0.66	26.47 0.69 -0.02	26.46 0.59 -0.02	17.50 0.42 -0.50	9.06 0.14 -1.85	31.90 0.56 -0.15	9.82 0.13 -2.69	3.90 -0.01 -4.51	-7.83 -0.23 -6.10	-5.28 -0.29 -18.14	-3.79 -0.11 -6.01	17.62 0.12 -1.65	22.16 0.05 -2.42	21.72 0.11 -0.15	23.74 0.21 0.00	26.35 0.46 0.00	20.15 0.44 -1.04	-0.33 -0.11 -4.19	30.29 0.70 -0.61	32.41 0.79 -0.01	20.92 0.49 -0.59	16.04 0.36 -1.25	19.94 0.49 -0.36
RIVERBAY____ 323610	34.00 0.59 -21.51	29.20 0.96 -9.76	27.58 1.51 -0.32	27.48 1.39 -0.23	24.81 0.98 -7.24	30.95 0.35 -23.53	34.55 1.42 -1.94	41.63 0.31 -34.33	56.92 0.01 -57.51	63.47 -0.54 -77.71	207.11 -0.97 -231.20	66.49 -0.42 -76.59	37.65 0.77 -21.02	30.03 1.19 -9.15	24.54 1.16 -1.93	24.66 1.13 0.00	27.08 1.18 0.00	32.95 1.01 -13.28	48.79 -0.19 -53.38	38.25 1.46 -7.82	33.55 1.84 -0.10	28.85 1.24 -7.76	33.74 0.86 -18.44	25.77 1.36 -5.32
ROARING___BROOK_WT_PWR 323790	11.18 -0.72 0.00	17.54 -0.94 0.00	24.45 -1.31 0.00	24.45 -1.41 0.00	15.74 -0.85 0.00	6.66 -0.41 0.00	29.06 -2.13 0.00	6.49 -0.51 0.00	-0.58 0.03 0.00	-12.79 0.91 0.00	-21.69 1.43 0.00	-9.00 0.69 0.00	14.77 -1.08 0.00	15.21 -1.27 3.21	20.22 -1.23 0.00	22.35 -1.18 0.00	25.28 -0.61 0.00	17.88 -0.79 0.00	-4.11 0.30 0.00	27.63 -1.34 0.00	29.95 -1.66 0.00	18.54 -1.31 0.00	13.54 -0.88 0.00	17.80 -1.29 0.00



ROCHESTER_9_IC 23652	15.56 0.09 -3.57	20.10 0.00 -1.62	25.66 -0.14 -0.05	25.65 -0.24 -0.04	17.56 -0.25 -1.22	11.33 -0.13 -4.39	31.04 -0.51 -0.36	13.33 -0.07 -6.40	10.15 0.03 -10.73	0.93 0.13 -14.50	20.18 0.18 -43.13	4.48 -0.12 -14.29	19.68 -0.09 -3.92	20.83 -0.56 -1.71	21.29 -0.53 -0.36	23.15 -0.38 0.00	25.41 -0.49 0.00	20.78 -0.36 -2.48	5.57 0.04 -9.95	29.95 -0.49 -1.46	31.36 -0.27 -0.02	21.17 -0.08 -1.41	17.43 -0.05 -3.06	19.89 -0.08 -0.88
ROSETON___1 23587	34.05 0.54 -21.60	29.11 0.82 -9.80	27.26 1.18 -0.32	27.19 1.10 -0.23	24.63 0.77 -7.27	30.97 0.27 -23.63	34.36 1.23 -1.95	41.74 0.28 -34.47	57.13 -0.02 -57.76	63.81 -0.53 -78.04	208.08 -0.97 -232.18	66.81 -0.42 -76.91	37.69 0.72 -21.11	29.90 1.02 -9.19	24.40 1.00 -1.94	24.53 1.00 0.00	26.89 0.99 0.00	32.84 0.85 -13.33	49.02 -0.18 -53.61	38.17 1.34 -7.86	33.32 1.60 -0.11	28.71 1.06 -7.80	33.71 0.76 -18.53	25.55 1.12 -5.34
ROSETON___2 23588	34.05 0.54 -21.60	29.11 0.82 -9.80	27.26 1.18 -0.32	27.19 1.10 -0.23	24.63 0.77 -7.27	30.97 0.27 -23.63	34.36 1.23 -1.95	41.74 0.28 -34.47	57.13 -0.02 -57.76	63.81 -0.53 -78.04	208.08 -0.97 -232.18	66.81 -0.42 -76.91	37.69 0.72 -21.11	29.90 1.02 -9.19	24.40 1.00 -1.94	24.53 1.00 0.00	26.89 0.99 0.00	32.84 0.85 -13.33	49.02 -0.18 -53.61	38.17 1.34 -7.86	33.32 1.60 -0.11	28.71 1.06 -7.80	33.71 0.76 -18.53	25.55 1.12 -5.34
RUSSELL___1 23602	15.62 0.15 -3.57	20.19 0.09 -1.62	25.78 -0.03 -0.05	25.77 -0.13 -0.04	17.63 -0.18 -1.22	11.36 -0.10 -4.39	31.19 -0.36 -0.36	13.37 -0.03 -6.40	10.15 0.03 -10.73	0.87 0.07 -14.50	20.07 0.06 -43.13	4.43 -0.17 -14.29	19.75 -0.02 -3.92	20.92 -0.47 -1.71	21.40 -0.42 -0.36	23.28 -0.25 0.00	25.54 -0.35 0.00	20.87 -0.27 -2.48	5.55 0.01 -9.95	30.12 -0.32 -1.46	31.55 -0.09 -0.02	21.29 0.04 -1.41	17.51 0.03 -3.06	19.98 0.01 -0.88
RUSSELL___2 23532	15.62 0.15 -3.57	20.19 0.09 -1.62	25.78 -0.03 -0.05	25.77 -0.13 -0.04	17.63 -0.18 -1.22	11.36 -0.10 -4.39	31.19 -0.36 -0.36	13.37 -0.03 -6.40	10.15 0.03 -10.73	0.87 0.07 -14.50	20.07 0.06 -43.13	4.43 -0.17 -14.29	19.75 -0.02 -3.92	20.92 -0.47 -1.71	21.40 -0.42 -0.36	23.28 -0.25 0.00	25.54 -0.35 0.00	20.87 -0.27 -2.48	5.55 0.01 -9.95	30.12 -0.32 -1.46	31.55 -0.09 -0.02	21.29 0.04 -1.41	17.51 0.03 -3.06	19.98 0.01 -0.88
RUSSELL___3 23549	15.62 0.15 -3.57	20.19 0.09 -1.62	25.78 -0.03 -0.05	25.77 -0.13 -0.04	17.63 -0.18 -1.22	11.36 -0.10 -4.39	31.19 -0.36 -0.36	13.37 -0.03 -6.40	10.15 0.03 -10.73	0.87 0.07 -14.50	20.07 0.06 -43.13	4.43 -0.17 -14.29	19.75 -0.02 -3.92	20.92 -0.47 -1.71	21.40 -0.42 -0.36	23.28 -0.25 0.00	25.54 -0.35 0.00	20.87 -0.27 -2.48	5.55 0.01 -9.95	30.12 -0.32 -1.46	31.55 -0.09 -0.02	21.29 0.04 -1.41	17.51 0.03 -3.06	19.98 0.01 -0.88
RUSSELL___4 23556	15.62 0.15 -3.57	20.19 0.09 -1.62	25.78 -0.03 -0.05	25.77 -0.13 -0.04	17.63 -0.18 -1.22	11.36 -0.10 -4.39	31.19 -0.36 -0.36	13.37 -0.03 -6.40	10.15 0.03 -10.73	0.87 0.07 -14.50	20.07 0.06 -43.13	4.43 -0.17 -14.29	19.75 -0.02 -3.92	20.92 -0.47 -1.71	21.40 -0.42 -0.36	23.28 -0.25 0.00	25.54 -0.35 0.00	20.87 -0.27 -2.48	5.55 0.01 -9.95	30.12 -0.32 -1.46	31.55 -0.09 -0.02	21.29 0.04 -1.41	17.51 0.03 -3.06	19.98 0.01 -0.88
RUSSELL___STATION 23914	15.62 0.15 -3.57	20.19 0.09 -1.62	25.78 -0.03 -0.05	25.77 -0.13 -0.04	17.63 -0.18 -1.22	11.36 -0.10 -4.39	31.19 -0.36 -0.36	13.37 -0.03 -6.40	10.15 0.03 -10.73	0.87 0.07 -14.50	20.07 0.06 -43.13	4.43 -0.17 -14.29	19.75 -0.02 -3.92	20.92 -0.47 -1.71	21.40 -0.42 -0.36	23.28 -0.25 0.00	25.54 -0.35 0.00	20.87 -0.27 -2.48	5.55 0.01 -9.95	30.12 -0.32 -1.46	31.55 -0.09 -0.02	21.29 0.04 -1.41	17.51 0.03 -3.06	19.98 0.01 -0.88
S SALMON___HYD 24043	13.77 -0.24 -2.10	19.04 -0.39 -0.95	25.19 -0.59 -0.03	25.21 -0.67 -0.02	16.96 -0.36 -0.73	9.66 -0.22 -2.81	30.41 -1.01 -0.23	10.86 -0.23 -4.10	6.28 0.02 -6.87	-3.94 0.48 -9.28	5.58 1.05 -27.66	0.04 0.33 -9.40	18.44 -0.64 -3.22	18.54 -0.92 0.23	21.53 -0.98 -1.05	23.39 -1.00 -0.85	25.98 -0.81 -0.90	20.48 -0.54 -2.35	2.25 0.13 -6.53	29.10 -0.81 -0.93	31.09 -0.78 -0.26	20.33 -0.46 -0.94	16.01 -0.32 -1.90	19.24 -0.42 -0.57
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.48 -0.05 -4.62	20.32 -0.26 -2.10	24.05 -0.43 1.26	14.53 -0.56 10.77	8.16 -0.51 7.92	4.51 -0.21 2.35	17.03 -0.98 13.18	6.31 -0.16 0.52	4.68 0.07 -5.22	1.90 0.29 -15.31	31.39 0.29 -54.23	8.08 -0.20 -17.97	20.70 -0.09 -4.93	20.98 -0.85 -2.15	19.95 -0.91 0.59	18.84 -0.88 3.81	14.38 -1.02 10.49	10.40 -0.69 7.57	5.23 0.14 -9.51	19.16 -1.20 8.61	17.74 -0.92 12.96	11.82 -0.49 7.54	9.95 -0.34 4.13	11.39 -0.42 7.29
SELKIRK___I 23801	39.83 0.27 -27.66	31.44 0.41 -12.55	26.74 0.58 -0.41	26.66 0.51 -0.29	26.25 0.35 -9.31	37.37 0.11 -30.19	34.17 0.49 -2.49	51.16 0.12 -44.05	73.18 -0.01 -73.80	85.81 -0.21 -99.71	273.17 -0.36 -296.65	88.40 -0.19 -98.27	43.16 0.33 -26.97	31.81 0.38 -11.74	24.33 0.40 -2.48	23.92 0.38 0.00	26.27 0.38 0.00	36.03 0.33 -17.03	63.95 -0.09 -68.45	39.52 0.51 -10.03	32.29 0.54 -0.14	30.25 0.43 -9.97	38.48 0.33 -23.72	26.39 0.46 -6.84
SELKIRK___II 23799	40.24 0.22 -28.11	31.57 0.33 -12.76	26.65 0.48 -0.42	26.57 0.41 -0.30	26.34 0.29 -9.46	37.84 0.08 -30.68	34.07 0.35 -2.53	51.85 0.09 -44.77	74.38 -0.01 -75.00	87.48 -0.16 -101.35	278.09 -0.28 -301.50	90.03 -0.16 -99.88	43.57 0.30 -27.41	31.99 0.36 -11.94	24.34 0.36 -2.52	23.86 0.33 0.00	26.19 0.30 0.00	36.26 0.28 -17.31	65.08 -0.07 -69.57	39.61 0.44 -10.20	32.22 0.47 -0.14	30.36 0.38 -10.13	38.81 0.28 -24.11	26.45 0.41 -6.95
SENECA OSWGO___HYD 24041	14.21 -0.04 -2.34	19.43 -0.11 -1.06	25.60 -0.19 -0.04	25.63 -0.25 -0.03	17.22 -0.18 -0.81	10.08 -0.14 -3.15	30.86 -0.59 -0.26	11.48 -0.12 -4.60	7.12 0.02 -7.70	-3.05 0.24 -10.41	8.33 0.48 -30.98	0.71 0.13 -10.26	18.34 -0.33 -2.82	19.90 -0.55 -0.76	21.14 -0.58 -0.26	23.03 -0.50 0.00	25.39 -0.51 0.00	20.13 -0.32 -1.78	2.80 0.06 -7.15	29.55 -0.47 -1.05	31.20 -0.42 -0.02	20.70 -0.14 -0.99	16.35 -0.08 -2.00	19.56 -0.11 -0.58
SENECA___ENERGY 23797	15.76 0.11 -3.75	20.28 0.09 -1.70	26.25 0.10 -0.39	28.55 -0.05 -2.75	20.16 -0.08 -3.66	13.57 -0.07 -6.56	34.67 -0.28 -3.76	15.82 -0.03 -8.86	12.74 0.02 -13.33	2.38 0.11 -15.96	22.52 0.30 -45.35	5.35 0.02 -15.02	19.76 -0.22 -4.12	21.05 -0.43 -1.80	21.68 -0.41 -0.63	24.19 -0.27 -0.93	28.22 -0.25 -2.58	23.72 -0.16 -5.22	6.80 0.01 -11.20	32.89 -0.17 -4.09	34.76 -0.05 -3.20	23.71 0.09 -3.78	19.71 0.07 -5.22	22.24 0.14 -3.01
SHOEMAKER___GT 23640	32.57 0.53 -20.14	28.41 0.79 -9.14	27.16 1.10 -0.30	27.10 1.03 -0.21	24.09 0.72 -6.78	29.36 0.25 -22.04	34.20 1.20 -1.82	39.42 0.27 -32.16	53.25 -0.02 -53.87	58.57 -0.52 -72.79	192.51 -0.93 -216.56	61.65 -0.40 -71.74	36.19 0.65 -19.69	29.15 0.88 -8.57	24.11 0.84 -1.81	24.40 0.87 0.00	26.76 0.86 0.00	31.88 0.78 -12.44	45.42 -0.18 -50.00	37.58 1.28 -7.33	33.24 1.53 -0.10	28.15 1.02 -7.27	32.43 0.73 -17.27	25.11 1.04 -4.98



SHOREHAM_IC_1 23715	34.15 0.73 -21.51	29.42 1.18 -9.76	27.89 1.81 -0.32	27.94 1.86 -0.23	25.09 1.26 -7.24	31.02 0.41 -23.53	35.29 2.16 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.46 -0.57 -77.73	317.09 -1.10 -341.32	66.57 -0.35 -76.60	42.98 0.92 -26.21	129.14 1.32 -108.14	30.08 1.08 -7.53	27.09 1.46 -2.10	26.97 1.08 0.00	32.90 0.95 -13.28	48.78 -0.21 -53.39	38.37 1.57 -7.82	33.75 2.03 -0.11	28.92 1.30 -7.76	33.92 1.05 -18.45	27.47 1.66 -6.72
SHOREHAM_IC_2 23716	34.15 0.73 -21.51	29.42 1.18 -9.76	27.89 1.81 -0.32	27.94 1.86 -0.23	25.09 1.26 -7.24	31.02 0.41 -23.53	35.29 2.16 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.46 -0.57 -77.73	317.09 -1.10 -341.32	66.57 -0.35 -76.60	42.98 0.92 -26.21	129.14 1.32 -108.14	30.08 1.08 -7.53	27.09 1.46 -2.10	26.97 1.08 0.00	32.90 0.95 -13.28	48.78 -0.21 -53.39	38.37 1.57 -7.82	33.75 2.03 -0.11	28.92 1.30 -7.76	33.92 1.05 -18.45	27.47 1.66 -6.72
SISSONVILLE____ 23735	11.93 -0.40 -0.43	18.14 -0.53 -0.19	25.08 -0.68 -0.01	25.24 -0.62 0.00	16.37 -0.36 -0.15	7.49 -0.15 -0.57	30.35 -0.89 -0.05	7.62 -0.21 -0.83	0.78 -0.01 -1.40	-11.42 0.39 -1.89	-16.16 0.84 -6.13	-5.38 0.42 -3.89	21.32 -0.62 -6.09	20.13 -0.76 -1.20	27.12 -0.79 -6.45	29.28 -0.92 -6.67	32.07 -0.84 -7.01	24.25 -0.70 -6.29	-1.68 0.17 -2.56	28.25 -0.91 -0.19	32.41 -1.13 -1.93	19.65 -0.85 -0.65	15.02 -0.59 -1.18	18.78 -0.84 -0.53
SITHE_IND_GS1 24169	13.53 -0.18 -1.80	18.99 -0.31 -0.82	25.33 -0.45 -0.03	25.38 -0.50 -0.02	16.88 -0.34 -0.63	9.54 -0.21 -2.67	30.50 -0.91 -0.22	10.71 -0.19 -3.90	5.96 0.03 -6.54	-4.49 0.38 -8.83	3.82 0.67 -26.28	-0.76 0.22 -8.70	17.79 -0.46 -2.39	20.04 -0.69 -1.04	20.95 -0.73 -0.22	22.82 -0.71 0.00	25.13 -0.76 0.00	19.65 -0.53 -1.51	1.77 0.11 -6.06	29.07 -0.79 -0.89	30.84 -0.78 -0.01	20.31 -0.37 -0.82	15.73 -0.24 -1.55	19.22 -0.32 -0.45
SITHE_IND_GS2 24170	13.53 -0.18 -1.80	18.99 -0.31 -0.82	25.33 -0.45 -0.03	25.38 -0.50 -0.02	16.88 -0.34 -0.63	9.54 -0.21 -2.67	30.50 -0.91 -0.22	10.71 -0.19 -3.90	5.96 0.03 -6.54	-4.49 0.38 -8.83	3.82 0.67 -26.28	-0.76 0.22 -8.70	17.79 -0.46 -2.39	20.04 -0.69 -1.04	20.95 -0.73 -0.22	22.82 -0.71 0.00	25.13 -0.76 0.00	19.65 -0.53 -1.51	1.77 0.11 -6.06	29.07 -0.79 -0.89	30.84 -0.78 -0.01	20.31 -0.37 -0.82	15.73 -0.24 -1.55	19.22 -0.32 -0.45
SITHE_IND_GS3 24171	13.53 -0.18 -1.80	18.99 -0.31 -0.82	25.33 -0.45 -0.03	25.38 -0.50 -0.02	16.88 -0.34 -0.63	9.54 -0.21 -2.67	30.50 -0.91 -0.22	10.71 -0.19 -3.90	5.96 0.03 -6.54	-4.49 0.38 -8.83	3.82 0.67 -26.28	-0.76 0.22 -8.70	17.79 -0.46 -2.39	20.04 -0.69 -1.04	20.95 -0.73 -0.22	22.82 -0.71 0.00	25.13 -0.76 0.00	19.65 -0.53 -1.51	1.77 0.11 -6.06	29.07 -0.79 -0.89	30.84 -0.78 -0.01	20.31 -0.37 -0.82	15.73 -0.24 -1.55	19.22 -0.32 -0.45
SITHE_IND_GS4 24172	13.53 -0.18 -1.80	18.99 -0.31 -0.82	25.33 -0.45 -0.03	25.38 -0.50 -0.02	16.88 -0.34 -0.63	9.54 -0.21 -2.67	30.50 -0.91 -0.22	10.71 -0.19 -3.90	5.96 0.03 -6.54	-4.49 0.38 -8.83	3.82 0.67 -26.28	-0.76 0.22 -8.70	17.79 -0.46 -2.39	20.04 -0.69 -1.04	20.95 -0.73 -0.22	22.82 -0.71 0.00	25.13 -0.76 0.00	19.65 -0.53 -1.51	1.77 0.11 -6.06	29.07 -0.79 -0.89	30.84 -0.78 -0.01	20.31 -0.37 -0.82	15.73 -0.24 -1.55	19.22 -0.32 -0.45
SITHE____BATAVIA 24024	16.16 0.17 -4.09	20.43 0.10 -1.86	25.18 0.07 0.64	20.28 0.08 5.66	12.91 -0.08 3.61	7.83 -0.04 -0.80	24.25 -0.15 6.79	9.72 0.04 -2.69	7.21 0.10 -7.72	1.19 0.09 -14.79	25.52 0.06 -48.60	6.14 -0.27 -16.10	20.32 0.05 -4.42	20.91 -0.71 -1.92	20.72 -0.60 0.15	21.24 -0.28 2.02	19.99 -0.36 5.55	15.45 -0.34 2.87	5.26 0.05 -9.62	24.77 -0.31 3.89	24.78 0.02 6.85	16.60 0.08 3.34	13.71 0.06 0.78	15.74 0.10 3.44
SITHE____INDEPEND 23800	13.53 -0.18 -1.80	18.99 -0.31 -0.82	25.33 -0.45 -0.03	25.38 -0.50 -0.02	16.88 -0.34 -0.63	9.54 -0.21 -2.67	30.50 -0.91 -0.22	10.71 -0.19 -3.90	5.96 0.03 -6.54	-4.49 0.38 -8.83	3.82 0.67 -26.28	-0.76 0.22 -8.70	17.79 -0.46 -2.39	20.04 -0.69 -1.04	20.95 -0.73 -0.22	22.82 -0.71 0.00	25.13 -0.76 0.00	19.65 -0.53 -1.51	1.77 0.11 -6.06	29.07 -0.79 -0.89	30.84 -0.78 -0.01	20.31 -0.37 -0.82	15.73 -0.24 -1.55	19.22 -0.32 -0.45
SITHE____MASSENA 23902	11.78 -0.13 0.00	18.36 -0.12 0.00	25.63 -0.12 0.00	25.82 -0.04 0.00	16.56 -0.03 0.00	7.07 -0.01 0.00	31.03 -0.16 0.00	6.95 -0.04 0.00	-0.62 -0.01 0.00	-13.64 0.06 0.00	-22.85 0.15 -0.12	-9.08 0.13 -0.48	17.03 -0.15 -1.33	17.31 -0.15 2.23	22.84 -0.14 -1.52	24.93 -0.19 -1.59	27.43 -0.14 -1.67	19.90 -0.19 -1.42	-4.06 0.05 -0.30	28.77 -0.21 0.00	31.73 -0.35 -0.46	19.66 -0.30 -0.11	14.43 -0.19 -0.19	18.89 -0.30 -0.10
SITHE____OGDNSBRG 24021	11.79 -0.11 0.00	18.40 -0.08 0.00	25.73 -0.03 0.00	25.91 0.05 0.00	16.64 0.04 -0.02	7.55 0.02 -0.45	31.16 -0.06 -0.04	7.63 -0.02 -0.66	0.48 -0.02 -1.10	-12.21 0.00 -1.49	-18.18 0.15 -4.80	-6.64 0.15 -2.90	20.00 -0.19 -4.33	19.38 -0.22 0.09	25.80 -0.21 -4.54	27.98 -0.25 -4.69	30.70 -0.13 -4.94	22.94 -0.18 -4.46	-2.46 0.04 -1.91	29.03 -0.09 -0.15	32.74 -0.23 -1.36	20.03 -0.26 -0.45	14.83 -0.17 -0.57	19.09 -0.30 -0.30
SITHE____STERLING 23777	13.86 0.25 -1.71	19.61 0.35 -0.77	26.33 0.55 -0.03	26.31 0.44 -0.02	17.48 0.30 -0.59	9.32 0.09 -2.15	31.74 0.38 -0.18	10.23 0.09 -3.14	4.66 0.00 -5.26	-6.75 -0.16 -7.11	-2.18 -0.20 -21.16	-2.77 -0.08 -7.01	17.84 0.06 -1.92	21.50 -0.01 -1.82	21.67 0.03 -0.18	23.66 0.13 0.00	26.20 0.31 0.00	20.18 0.31 -1.22	0.39 -0.08 -4.89	30.18 0.49 -0.72	32.20 0.57 -0.01	20.92 0.38 -0.69	16.18 0.28 -1.46	19.90 0.39 -0.42
SOUTH CAIRO____GT 23612	39.08 0.55 -26.63	31.35 0.78 -12.08	27.13 0.98 -0.40	27.06 0.93 -0.28	26.13 0.58 -8.96	36.37 0.23 -29.07	34.66 1.07 -2.40	49.69 0.27 -42.42	70.42 -0.03 -71.06	81.78 -0.54 -96.02	261.63 -0.90 -285.66	84.51 -0.43 -94.63	42.52 0.69 -25.97	31.43 0.43 -11.31	24.29 0.45 -2.38	23.99 0.45 0.00	26.36 0.47 0.00	35.53 0.47 -16.40	61.33 -0.17 -65.92	39.78 1.14 -9.66	32.85 1.10 -0.13	30.23 0.79 -9.60	37.83 0.57 -22.83	26.34 0.66 -6.58
SOUTH HAMPTN____IC 23720	34.43 1.01 -21.51	29.81 1.57 -9.76	28.33 2.26 -0.32	28.38 2.30 -0.23	25.37 1.53 -7.24	31.13 0.53 -23.53	35.91 2.77 -1.94	41.94 0.60 -34.34	57.09 -0.05 -57.75	63.11 -0.92 -77.73	316.34 -1.86 -341.32	66.24 -0.68 -76.60	43.39 1.32 -26.21	129.70 1.88 -108.14	30.77 1.78 -7.53	27.66 2.02 -2.10	27.55 1.66 0.00	33.32 1.37 -13.28	48.66 -0.32 -53.39	39.10 2.30 -7.82	34.55 2.84 -0.11	29.43 1.82 -7.76	34.27 1.39 -18.45	27.85 2.04 -6.72
SOUTHOLD____IC 23719	34.56 1.15 -21.51	30.01 1.76 -9.76	28.59 2.52 -0.32	28.64 2.55 -0.23	25.53 1.70 -7.24	31.20 0.60 -23.53	36.24 3.11 -1.94	42.01 0.68 -34.34	57.09 -0.05 -57.75	62.94 -1.09 -77.73	316.03 -2.16 -341.32	66.10 -0.81 -76.60	43.60 1.54 -26.21	129.96 2.13 -108.14	31.04 2.05 -7.53	27.96 2.33 -2.10	27.87 1.97 0.00	33.54 1.60 -13.28	48.61 -0.37 -53.39	39.47 2.67 -7.82	35.02 3.30 -0.11	29.74 2.12 -7.76	34.48 1.60 -18.45	28.10 2.29 -6.72



ST LAWRENCE____ 23600	11.69 -0.21 0.00	18.23 -0.25 0.00	25.43 -0.33 0.00	25.62 -0.23 0.00	16.42 -0.17 0.00	7.01 -0.06 0.00	30.82 -0.36 0.00	6.90 -0.09 0.00	-0.61 -0.01 0.00	-13.55 0.15 0.00	-22.85 0.28 0.00	-9.50 0.18 0.00	15.61 -0.24 0.00	16.10 -0.25 3.35	21.21 -0.25 0.00	23.22 -0.31 0.00	25.59 -0.30 0.00	18.36 -0.30 0.00	-4.33 0.08 0.00	28.56 -0.42 0.00	31.05 -0.56 0.00	19.43 -0.41 0.00	14.15 -0.28 0.00	18.66 -0.43 0.00
STATION 5_MISC_HYD 23604	15.56 0.09 -3.57	20.10 0.00 -1.62	25.66 -0.14 -0.05	25.65 -0.24 -0.04	17.56 -0.25 -1.22	11.33 -0.13 -4.39	31.04 -0.51 -0.36	13.33 -0.07 -6.40	10.15 0.03 -10.73	0.93 0.13 -14.50	20.18 0.18 -43.13	4.48 -0.12 -14.29	19.68 -0.09 -3.92	20.83 -0.56 -1.71	21.29 -0.53 -0.36	23.15 -0.38 0.00	25.41 -0.49 0.00	20.78 -0.36 -2.48	5.57 0.04 -9.95	29.95 -0.49 -1.46	31.36 -0.27 -0.02	21.17 -0.08 -1.41	17.43 -0.05 -3.06	19.89 -0.08 -0.88
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.63 0.16 -3.56	20.24 0.15 -1.62	25.95 0.15 -0.05	25.90 0.01 -0.04	17.75 -0.06 -1.22	11.42 -0.05 -4.39	31.32 -0.23 -0.36	13.40 -0.01 -6.41	10.16 0.02 -10.74	0.86 0.04 -14.52	20.17 0.11 -43.19	4.51 -0.11 -14.31	19.72 -0.06 -3.93	20.99 -0.41 -1.71	21.46 -0.36 -0.36	23.37 -0.17 0.00	25.70 -0.19 0.00	21.00 -0.14 -2.48	5.55 -0.01 -9.97	30.30 -0.14 -1.46	31.68 0.04 -0.02	21.38 0.12 -1.41	17.57 0.09 -3.05	20.11 0.13 -0.88
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.46 0.02 -3.53	19.99 -0.09 -1.60	25.55 -0.26 -0.05	25.53 -0.36 -0.04	17.47 -0.33 -1.21	11.27 -0.16 -4.36	30.88 -0.67 -0.36	13.24 -0.10 -6.36	10.07 0.03 -10.65	0.89 0.20 -14.39	19.97 0.30 -42.81	4.44 -0.05 -14.18	19.57 -0.18 -3.89	20.74 -0.64 -1.69	21.20 -0.61 -0.36	23.05 -0.49 0.00	25.31 -0.58 0.00	20.69 -0.43 -2.46	5.52 0.05 -9.87	29.83 -0.59 -1.45	31.22 -0.41 -0.02	21.08 -0.16 -1.40	17.33 -0.12 -3.03	19.79 -0.17 -0.87
STEEL____WIND 323596	16.79 0.06 -4.82	20.59 -0.08 -2.19	24.28 -0.15 1.32	14.29 -0.29 11.27	7.95 -0.35 8.29	4.43 -0.14 2.50	16.73 -0.66 13.80	6.29 -0.10 0.60	4.82 0.07 -5.36	2.39 0.19 -15.89	33.36 0.14 -56.35	8.72 -0.26 -18.67	21.02 0.04 -5.12	21.26 -0.66 -2.23	20.14 -0.69 0.63	18.87 -0.64 4.02	14.09 -0.74 11.06	10.14 -0.49 8.04	5.50 0.10 -9.81	18.97 -0.89 9.11	17.35 -0.59 13.67	11.58 -0.29 7.98	9.82 -0.20 4.41	11.18 -0.21 7.70
STEBEN_REC_LFGE 323667	18.34 0.15 -6.29	21.32 -0.02 -2.85	29.03 0.12 -3.15	50.45 -0.35 -24.94	40.22 -0.33 -23.96	32.25 -0.16 -25.34	62.41 -0.66 -31.88	37.18 -0.13 -30.32	36.29 0.09 -36.82	17.49 0.40 -30.79	49.35 0.78 -71.70	14.14 0.08 -23.75	21.87 -0.50 -6.52	21.45 -1.08 -2.84	23.43 -1.01 -2.97	31.79 -0.42 -8.68	49.38 -0.44 -23.93	46.82 -0.29 -28.44	19.09 0.12 -23.38	54.38 -0.81 -26.22	60.53 -0.68 -29.60	43.14 -0.34 -23.63	38.04 -0.25 -23.87	39.62 -0.27 -20.80
STONY____BROOK 24151	34.37 0.95 -21.51	29.70 1.46 -9.76	28.14 2.07 -0.32	28.11 2.03 -0.23	25.20 1.37 -7.24	31.06 0.45 -23.53	35.50 2.37 -1.94	41.86 0.53 -34.34	57.10 -0.04 -57.75	63.17 -0.85 -77.73	316.45 -1.74 -341.32	66.27 -0.64 -76.60	43.29 1.23 -26.21	129.61 1.78 -108.14	30.69 1.70 -7.53	27.46 1.83 -2.10	27.38 1.49 0.00	33.21 1.27 -13.28	48.69 -0.30 -53.39	38.92 2.13 -7.82	34.36 2.64 -0.11	29.32 1.71 -7.76	34.15 1.27 -18.45	27.69 1.88 -6.72
STURGEON_POOL_HYD 23609	35.19 0.57 -22.71	29.66 0.88 -10.31	27.46 1.36 -0.34	27.36 1.27 -0.24	25.12 0.88 -7.65	32.21 0.31 -24.83	34.69 1.46 -2.05	43.54 0.31 -36.23	60.09 -0.01 -60.70	67.71 -0.60 -82.02	219.81 -1.07 -244.00	70.70 -0.44 -80.83	38.81 0.77 -22.18	30.49 1.14 -9.66	24.57 1.07 -2.04	24.63 1.10 0.00	27.02 1.12 0.00	33.66 0.98 -14.01	51.72 -0.20 -56.33	38.83 1.60 -8.25	33.72 1.99 -0.12	29.29 1.25 -8.20	34.78 0.88 -19.48	26.04 1.34 -5.62
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.92 0.55 -20.46	28.60 0.84 -9.28	27.27 1.22 -0.30	27.20 1.13 -0.21	24.27 0.79 -6.89	29.74 0.28 -22.39	34.29 1.26 -1.85	39.94 0.28 -32.67	54.10 -0.02 -54.73	59.70 -0.54 -73.95	195.89 -0.98 -220.00	62.77 -0.43 -72.88	36.57 0.72 -20.00	29.35 0.96 -8.71	24.24 0.95 -1.84	24.50 0.96 0.00	26.88 0.98 0.00	32.14 0.84 -12.63	46.21 -0.18 -50.80	37.77 1.36 -7.44	33.33 1.61 -0.10	28.31 1.08 -7.39	32.75 0.77 -17.55	25.29 1.14 -5.06
SYNERGY____BIOGAS 323694	16.16 0.17 -4.09	20.43 0.10 -1.86	25.18 0.07 0.64	20.28 0.08 5.66	12.91 -0.08 3.61	7.83 -0.04 -0.80	24.25 -0.15 6.79	9.72 0.04 -2.69	7.21 0.10 -7.72	1.19 0.09 -14.79	25.52 0.06 -48.60	6.14 -0.27 -16.10	20.32 0.05 -4.42	20.91 -0.71 -1.92	20.72 -0.60 0.15	21.24 -0.28 2.02	19.99 -0.36 5.55	15.45 -0.34 2.87	5.26 0.05 -9.62	24.77 -0.31 3.89	24.78 0.02 6.85	16.60 0.08 3.34	13.71 0.06 0.78	15.74 0.10 3.44
SYRACUSE____ENERGY_ST1 323597	14.98 0.10 -2.97	19.94 0.11 -1.35	25.92 0.12 -0.04	25.95 0.06 -0.03	17.62 0.00 -1.02	10.81 -0.05 -3.79	31.32 -0.19 -0.31	12.50 -0.02 -5.53	8.67 0.01 -9.27	-1.11 0.07 -12.52	14.31 0.19 -37.25	2.67 0.01 -12.34	19.10 -0.14 -3.39	20.88 -0.29 -1.47	21.49 -0.28 -0.31	23.36 -0.17 0.00	25.74 -0.15 0.00	20.73 -0.08 -2.14	4.19 0.00 -8.60	30.16 -0.07 -1.26	31.64 0.01 -0.02	21.17 0.12 -1.21	17.08 0.11 -2.55	19.98 0.15 -0.74
SYRACUSE____ENERGY_ST2 323598	14.98 0.10 -2.97	19.94 0.11 -1.35	25.92 0.12 -0.04	25.95 0.06 -0.03	17.62 0.00 -1.02	10.81 -0.05 -3.79	31.32 -0.19 -0.31	12.50 -0.02 -5.53	8.67 0.01 -9.27	-1.11 0.07 -12.52	14.31 0.19 -37.25	2.67 0.01 -12.34	19.10 -0.14 -3.39	20.88 -0.29 -1.47	21.49 -0.28 -0.31	23.36 -0.17 0.00	25.74 -0.15 0.00	20.73 -0.08 -2.14	4.19 0.00 -8.60	30.16 -0.07 -1.26	31.64 0.01 -0.02	21.17 0.12 -1.21	17.08 0.11 -2.55	19.98 0.15 -0.74
SYRACUSE____POWER 24017	15.12 0.12 -3.10	20.02 0.13 -1.41	25.98 0.18 -0.05	25.99 0.10 -0.03	17.70 0.04 -1.06	10.93 -0.04 -3.90	31.37 -0.13 -0.32	12.66 -0.02 -5.68	8.93 0.01 -9.52	-0.79 0.04 -12.87	15.29 0.14 -38.28	2.99 0.00 -12.68	19.23 -0.10 -3.48	20.95 -0.26 -1.52	21.53 -0.25 -0.32	23.40 -0.13 0.00	25.80 -0.09 0.00	20.83 -0.03 -2.20	4.42 -0.01 -8.84	30.25 -0.02 -1.30	31.70 0.07 -0.02	21.24 0.15 -1.24	17.21 0.12 -2.66	20.04 0.18 -0.77
TRIGEN____CC 323695	34.27 0.85 -21.51	29.53 1.28 -9.76	27.93 1.86 -0.32	27.85 1.77 -0.23	25.05 1.22 -7.24	31.02 0.41 -23.53	35.14 2.01 -1.94	41.78 0.45 -34.34	57.11 -0.04 -57.75	63.26 -0.77 -77.73	316.69 -1.50 -341.32	66.34 -0.58 -76.60	43.13 1.07 -26.21	129.40 1.57 -108.14	30.52 1.52 -7.53	27.26 1.63 -2.10	27.34 1.44 0.00	33.15 1.21 -13.28	48.72 -0.26 -53.39	38.72 1.92 -7.82	34.14 2.42 -0.11	29.17 1.56 -7.76	33.99 1.11 -18.45	27.47 1.66 -6.72
UNION____PROCESSING_DRP 323587	15.56 0.07 -3.59	20.09 -0.02 -1.63	25.64 -0.17 -0.05	25.62 -0.27 -0.04	17.53 -0.28 -1.23	11.34 -0.14 -4.41	30.99 -0.56 -0.36	13.35 -0.08 -6.44	10.20 0.03 -10.78	1.03 0.16 -14.57	20.42 0.21 -43.34	4.56 -0.11 -14.36	19.67 -0.12 -3.94	20.81 -0.59 -1.72	21.26 -0.56 -0.36	23.13 -0.41 0.00	25.38 -0.52 0.00	20.76 -0.39 -2.49	5.63 0.04 -9.99	29.92 -0.52 -1.47	31.32 -0.31 -0.02	21.16 -0.11 -1.41	17.42 -0.07 -3.07	19.86 -0.12 -0.89



UPPER HUDSON___HYD 24058	44.08 0.37 -31.81	33.44 0.53 -14.43	26.85 0.62 -0.47	26.73 0.54 -0.33	27.68 0.38 -10.71	41.91 0.16 -34.68	34.76 0.71 -2.86	57.78 0.17 -50.61	84.14 -0.03 -84.78	100.53 -0.34 -114.56	317.01 -0.69 -340.83	102.86 -0.35 -112.90	47.19 0.35 -30.99	33.33 0.14 -13.49	24.49 0.19 -2.84	23.73 0.20 0.00	26.04 0.14 0.00	38.49 0.25 -19.57	74.14 -0.10 -78.65	41.01 0.51 -11.53	31.95 0.18 -0.16	31.67 0.36 -11.46	41.98 0.27 -27.28	27.12 0.16 -7.87
UPPER RAQUET___HYD 24056	11.93 -0.40 -0.43	18.14 -0.53 -0.19	25.08 -0.68 -0.01	25.24 -0.62 0.00	16.37 -0.36 -0.15	7.49 -0.15 -0.57	30.35 -0.89 -0.05	7.62 -0.21 -0.83	0.78 -0.01 -1.40	-11.42 0.39 -1.89	-16.16 0.84 -6.13	-5.38 0.42 -3.89	21.32 -0.62 -6.09	20.13 -0.76 -1.20	27.12 -0.79 -6.45	29.28 -0.92 -6.67	32.07 -0.84 -7.01	24.25 -0.70 -6.29	-1.68 0.17 -2.56	28.25 -0.91 -1.93	32.41 -1.13 -0.65	19.65 -0.85 -0.59	15.02 -0.59 -1.18	18.78 -0.84 -0.53
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.37 1.00 -12.46	25.61 1.48 -5.65	27.97 2.03 -0.18	27.91 1.93 -0.13	22.06 1.26 -4.20	21.39 0.50 -13.82	34.65 2.32 -1.14	27.70 0.54 -20.17	33.14 -0.03 -33.79	30.95 -1.00 -45.65	111.09 -1.59 -135.81	34.62 -0.68 -44.99	29.21 1.01 -12.35	26.31 1.24 -5.38	23.88 1.29 -1.13	25.11 1.57 0.00	27.59 1.70 0.00	27.80 1.33 -7.80	26.62 -0.32 -31.36	35.76 2.19 -4.60	34.19 2.51 -0.06	26.04 1.64 -4.55	26.27 1.15 -10.69	23.74 1.57 -3.08
VISCHER___FERRY HYD 24020	42.88 0.37 -30.61	32.91 0.54 -13.89	26.93 0.72 -0.45	26.82 0.64 -0.32	27.32 0.43 -10.30	40.62 0.16 -33.38	34.51 0.56 -2.76	55.86 0.15 -48.71	80.96 -0.03 -81.60	96.22 -0.34 -110.26	304.22 -0.67 -328.02	98.62 -0.35 -108.66	46.27 0.59 -29.82	33.21 0.53 -12.98	24.79 0.59 -2.74	24.07 0.54 0.00	26.41 0.51 0.00	37.91 0.41 -18.84	71.16 -0.11 -75.69	40.65 0.58 -11.09	32.26 0.49 -0.16	31.34 0.47 -11.02	41.03 0.35 -26.25	27.10 0.44 -7.57
V_A_10_SYNC_DSASP 323832	15.78 -0.12 -4.00	19.95 -0.34 -1.81	24.55 -0.58 0.63	19.62 -0.69 5.55	12.47 -0.57 3.55	7.59 -0.25 -0.77	23.37 -1.15 6.66	9.42 -0.21 -2.63	7.01 0.05 -7.56	1.15 0.36 -14.49	24.95 0.46 -47.62	6.01 -0.07 -15.78	19.93 -0.26 -4.33	20.65 -0.93 -1.89	20.33 -0.98 0.14	20.62 -0.94 1.97	19.37 -1.10 5.43	15.10 -0.77 2.80	5.17 0.14 -9.43	23.90 -1.27 3.80	23.87 -1.04 6.70	16.03 -0.56 3.26	13.28 -0.39 0.76	15.24 -0.48 3.37
V_CMM_10_SYNC_DSASP 323787	11.75 -0.16 0.00	18.31 -0.17 0.00	25.54 -0.21 0.00	25.74 -0.12 0.00	16.49 -0.09 0.00	7.04 -0.03 0.00	30.96 -0.23 0.00	6.94 -0.06 0.00	-0.61 0.00 0.00	-13.61 0.09 0.00	-22.95 0.18 0.00	-9.55 0.14 0.00	15.68 -0.17 0.00	16.17 -0.17 3.35	21.29 -0.16 0.00	23.32 -0.22 0.00	25.70 -0.19 0.00	18.44 -0.22 0.00	-4.35 0.06 0.00	28.68 -0.30 0.00	31.18 -0.42 0.00	19.52 -0.33 0.00	14.21 -0.21 0.00	18.74 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	12.14 0.24 0.00	18.87 0.39 0.00	26.14 0.39 0.00	26.22 0.36 0.00	16.87 0.28 0.00	7.23 0.16 0.00	31.73 0.54 0.00	7.17 0.17 0.00	-0.70 -0.17 0.00	-13.87 -0.17 0.00	-26.45 0.09 3.40	-22.81 0.21 13.33	-21.34 -0.49 36.70	-21.36 -0.63 40.41	-21.36 -0.75 42.06	-21.28 -0.99 43.83	-21.33 -1.12 46.11	-21.21 -0.76 39.12	-12.36 0.10 8.05	28.53 -0.45 0.00	18.18 -0.87 12.56	16.01 -0.72 3.12	8.57 -0.53 5.33	15.49 -0.84 2.76
V_E_10_SYNC_DSASP 323830	21.62 0.82 -8.90	23.72 1.20 -4.04	27.84 1.70 -0.39	29.62 1.59 -2.17	22.39 0.96 -4.84	19.00 0.37 -11.57	36.26 1.64 -3.43	23.72 0.40 -16.33	25.57 -0.01 -26.19	19.40 -0.72 -33.82	74.82 -1.01 -98.96	22.80 -0.29 -32.78	25.07 0.21 -9.00	23.86 0.25 -3.92	22.92 0.43 -1.03	25.26 0.99 -0.73	29.08 1.17 -2.01	27.41 1.02 -7.72	18.66 -0.35 -23.42	36.65 2.33 -5.35	36.66 2.52 -2.53	26.12 1.18 -5.09	24.50 0.87 -9.20	24.09 1.17 -3.83
V_F_30_NSYNC___DSASP 323816	44.06 0.50 -31.65	33.58 0.74 -14.36	27.17 0.95 -0.47	27.07 0.88 -0.33	27.83 0.58 -10.65	41.82 0.24 -34.52	35.05 1.01 -2.85	57.61 0.25 -50.36	83.73 -0.03 -84.37	99.81 -0.50 -114.00	315.09 -0.95 -339.17	102.20 -0.47 -112.36	47.34 0.64 -30.84	33.69 0.57 -13.43	24.93 0.64 -2.83	24.19 0.66 0.00	26.58 0.69 0.00	38.73 0.59 -19.48	73.69 -0.16 -78.26	41.39 0.95 -11.47	32.63 0.86 -0.16	31.94 0.69 -11.40	42.09 0.51 -27.15	27.50 0.58 -7.83
V_F_30_SYNC_DSASP 323786	41.86 0.21 -29.74	32.29 0.31 -13.50	26.64 0.44 -0.44	26.54 0.37 -0.31	26.87 0.27 -10.01	39.60 0.08 -32.45	34.11 0.25 -2.68	54.41 0.07 -47.35	78.69 -0.02 -79.32	93.33 -0.15 -107.18	295.41 -0.32 -318.86	95.75 -0.19 -105.63	45.20 0.35 -28.99	32.65 0.33 -12.62	24.48 0.36 -2.66	23.83 0.30 0.00	26.17 0.27 0.00	37.23 0.26 -18.31	69.08 -0.07 -73.56	40.13 0.37 -10.78	32.10 0.33 -0.15	30.87 0.30 -10.72	40.16 0.22 -25.51	26.76 0.32 -7.36
V_XM_10_SYNC_DSASP 323789	12.14 0.24 0.00	18.87 0.39 0.00	26.14 0.39 0.00	26.22 0.36 0.00	16.87 0.28 0.00	7.23 0.16 0.00	31.73 0.54 0.00	7.17 0.17 0.00	-0.70 -0.09 0.00	-13.87 -0.17 0.00	-26.45 0.09 3.40	-22.81 0.21 13.33	-21.34 -0.49 36.70	-21.36 -0.63 40.41	-21.36 -0.75 42.06	-21.28 -0.99 43.83	-21.33 -1.12 46.11	-21.21 -0.76 39.12	-12.36 0.10 8.05	28.53 -0.45 0.00	18.18 -0.87 12.56	16.01 -0.72 3.12	8.57 -0.53 5.33	15.49 -0.84 2.76
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.52 0.66 -20.96	28.98 0.99 -9.51	27.50 1.44 -0.31	27.43 1.35 -0.22	24.58 0.94 -7.06	30.34 0.34 -22.93	34.60 1.52 -1.89	40.79 0.34 -33.46	55.42 -0.03 -56.05	61.37 -0.67 -75.74	200.99 -1.21 -225.33	64.43 -0.52 -74.64	37.22 0.88 -20.49	29.80 1.19 -8.92	24.52 1.18 -1.88	24.73 1.20 0.00	27.12 1.22 0.00	32.64 1.03 -12.94	47.40 -0.22 -52.03	38.25 1.65 -7.62	33.67 1.96 -0.11	28.70 1.29 -7.57	33.32 0.91 -17.98	25.60 1.33 -5.18
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.10 0.69 -21.51	29.31 1.07 -9.76	27.62 1.54 -0.32	27.53 1.45 -0.23	24.84 1.01 -7.24	30.96 0.36 -23.53	34.74 1.61 -1.94	41.67 0.35 -34.33	56.88 -0.02 -57.51	63.34 -0.67 -77.71	206.85 -1.20 -231.18	66.39 -0.50 -76.58	37.75 0.88 -21.02	30.15 1.31 -9.15	24.69 1.30 -1.93	24.87 1.33 0.00	27.23 1.34 0.00	33.06 1.12 -13.28	48.75 -0.22 -53.38	38.50 1.70 -7.82	33.81 2.09 -0.11	28.99 1.38 -7.76	33.86 0.98 -18.45	25.83 1.42 -5.32
WADING RIVER_IC_1 23522	34.13 0.72 -21.51	29.41 1.17 -9.76	27.85 1.78 -0.32	27.92 1.84 -0.23	25.08 1.25 -7.24	31.01 0.41 -23.53	35.30 2.17 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.47 -0.55 -77.73	316.98 -1.21 -341.32	66.50 -0.41 -76.60	42.97 0.91 -26.21	129.19 1.36 -108.14	30.21 1.22 -7.53	27.08 1.44 -2.10	26.96 1.07 0.00	32.89 0.94 -13.28	48.78 -0.21 -53.39	38.35 1.54 -7.82	33.72 2.00 -0.11	28.91 1.29 -7.76	33.91 1.04 -18.45	27.45 1.64 -6.72
WADING RIVER_IC_2 23547	34.13 0.72 -21.51	29.41 1.17 -9.76	27.85 1.78 -0.32	27.92 1.84 -0.23	25.08 1.25 -7.24	31.01 0.41 -23.53	35.30 2.17 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.47 -0.55 -77.73	316.98 -1.21 -341.32	66.50 -0.41 -76.60	42.97 0.91 -26.21	129.19 1.36 -108.14	30.21 1.22 -7.53	27.08 1.44 -2.10	26.96 1.07 0.00	32.89 0.94 -13.28	48.78 -0.21 -53.39	38.35 1.54 -7.82	33.72 2.00 -0.11	28.91 1.29 -7.76	33.91 1.04 -18.45	27.45 1.64 -6.72



WADING RIVER_IC_3 23601	34.13 0.72 -21.51	29.41 1.17 -9.76	27.85 1.78 -0.32	27.92 1.84 -0.23	25.08 1.25 -7.24	31.01 0.41 -23.53	35.30 2.17 -1.94	41.78 0.45 -34.34	57.11 -0.03 -57.75	63.47 -0.55 -77.73	316.98 -1.21 -341.32	66.50 -0.41 -76.60	42.97 0.91 -26.21	129.19 1.36 -108.14	30.21 1.22 -7.53	27.08 1.44 -2.10	26.96 1.07 0.00	32.89 0.94 -13.28	48.78 -0.21 -53.39	38.35 1.54 -7.82	33.72 2.00 -0.11	28.91 1.29 -7.76	33.91 1.04 -18.45	27.45 1.64 -6.72
WALDEN___HYDRO 24148	33.73 0.66 -21.17	29.08 0.99 -9.61	27.49 1.43 -0.31	27.42 1.34 -0.22	24.64 0.93 -7.13	30.57 0.34 -23.16	34.64 1.54 -1.91	41.13 0.35 -33.79	55.98 -0.02 -56.61	62.10 -0.70 -76.50	203.19 -1.25 -227.58	65.17 -0.53 -75.39	37.38 0.83 -20.69	29.81 1.11 -9.01	24.39 1.03 -1.90	24.58 1.05 0.00	26.97 1.07 0.00	32.66 0.92 -13.07	47.92 -0.21 -52.54	38.33 1.65 -7.70	33.68 1.96 -0.11	28.77 1.28 -7.64	33.49 0.91 -18.16	25.63 1.31 -5.23
WARRENSBURG___ 23737	44.08 0.37 -31.81	33.44 0.53 -14.43	26.85 0.62 -0.47	26.73 0.54 -0.33	27.68 0.38 -10.71	41.91 0.16 -34.68	34.76 0.71 -2.86	57.78 0.17 -50.61	84.14 -0.03 -84.78	100.53 -0.34 -114.56	317.01 -0.69 -340.83	102.86 -0.35 -112.90	47.19 0.35 -30.99	33.33 0.14 -13.49	24.49 0.19 -2.84	23.73 0.20 0.00	26.04 0.14 0.00	38.49 0.25 -19.57	74.14 -0.10 -78.65	41.01 0.51 -11.53	31.95 0.18 -0.16	31.67 0.36 -11.46	41.98 0.27 -27.28	27.12 0.16 -7.87
WATERSIDE___6 8 9 23538	34.10 0.69 -21.51	29.32 1.09 -9.76	27.64 1.56 -0.32	27.54 1.46 -0.23	24.85 1.02 -7.24	30.96 0.36 -23.53	34.75 1.62 -1.94	41.68 0.35 -34.33	56.90 -0.01 -57.51	63.35 -0.66 -77.71	206.90 -1.17 -231.20	66.41 -0.49 -76.59	37.76 0.88 -21.02	30.17 1.33 -9.15	24.69 1.30 -1.93	24.86 1.32 0.00	27.23 1.34 0.00	33.07 1.13 -13.28	48.76 -0.22 -53.38	38.48 1.68 -7.82	33.81 2.09 -0.11	29.00 1.39 -7.76	33.86 0.99 -18.45	25.85 1.44 -5.32
WDELAWARE___HYD 323627	32.69 0.54 -20.24	28.45 0.78 -9.18	27.18 1.13 -0.30	27.11 1.04 -0.21	24.15 0.74 -6.82	29.49 0.26 -22.15	34.27 1.25 -1.83	39.60 0.28 -32.32	53.53 -0.01 -54.16	58.93 -0.55 -73.17	193.57 -1.00 -217.70	62.02 -0.40 -72.12	36.25 0.61 -19.79	29.16 0.85 -8.62	23.98 0.70 -1.82	24.26 0.73 0.00	26.63 0.73 0.00	31.90 0.74 -12.50	45.68 -0.17 -50.26	37.71 1.37 -7.37	33.36 1.64 -0.10	28.23 1.07 -7.31	32.53 0.74 -17.36	25.20 1.10 -5.01
WEST BABYLON___IC 23714	34.45 1.03 -21.51	29.79 1.55 -9.76	28.33 2.26 -0.32	28.25 2.17 -0.23	25.30 1.46 -7.24	31.11 0.50 -23.53	35.62 2.49 -1.94	41.89 0.56 -34.34	57.11 -0.04 -57.75	63.08 -0.95 -77.73	316.31 -1.89 -341.32	66.20 -0.71 -76.60	43.39 1.32 -26.21	129.73 1.91 -108.14	30.84 1.85 -7.53	27.59 1.96 -2.10	27.56 1.66 0.00	33.35 1.40 -13.28	48.66 -0.32 -53.39	39.15 2.35 -7.82	34.63 2.91 -0.11	29.47 1.85 -7.76	34.23 1.35 -18.45	27.80 2.00 -6.72
WEST CANADA___HYD 24049	11.89 -0.01 0.00	18.44 -0.04 0.00	25.70 -0.05 0.00	25.78 -0.08 0.00	16.55 -0.05 -0.02	7.49 -0.04 -0.45	31.07 -0.16 -0.04	7.63 -0.03 -0.66	0.50 0.00 -1.11	-12.15 0.06 -1.50	-18.60 0.08 -4.45	-8.20 0.02 -1.47	16.20 -0.06 -0.40	20.31 -0.10 -0.71	21.38 -0.12 -0.04	23.41 -0.12 0.00	25.77 -0.13 0.00	18.85 -0.07 -0.26	-3.37 0.01 -1.03	29.02 -0.11 -0.15	31.51 -0.10 0.00	19.93 -0.04 -0.11	14.40 -0.03 0.00	19.05 -0.04 0.00
WESTERN_NY_WIND 24143	16.20 0.16 -4.13	20.42 0.07 -1.88	25.09 0.03 0.69	19.82 0.05 6.10	12.52 -0.10 3.98	7.55 -0.04 -0.52	23.65 -0.19 7.34	9.44 0.03 -2.42	7.01 0.10 -7.51	1.25 0.11 -14.84	26.05 0.08 -49.09	6.30 -0.27 -16.26	20.34 0.03 -4.46	20.90 -0.73 -1.94	20.64 -0.63 0.18	21.05 -0.31 2.17	19.52 -0.40 5.97	15.02 -0.37 3.27	5.26 0.05 -9.61	24.32 -0.36 4.29	24.21 -0.02 7.38	16.20 0.05 3.70	13.40 0.04 1.06	15.38 0.07 3.78
WESTOVER___LESR 323668	21.42 0.33 -9.18	23.10 0.46 -4.16	26.68 0.80 -0.14	26.59 0.63 -0.10	20.08 0.39 -3.10	17.57 0.12 -10.38	32.56 0.52 -0.86	22.27 0.13 -15.15	24.78 0.02 -25.38	20.40 -0.19 -34.29	78.60 -0.27 -102.00	23.90 -0.20 -33.79	25.33 0.20 -9.27	23.87 0.14 -4.04	22.52 0.21 -0.85	23.95 0.42 0.00	26.35 0.46 0.00	24.90 0.38 -5.86	19.06 -0.09 -23.55	33.01 0.58 -3.45	32.43 0.77 -0.05	23.83 0.58 -3.40	22.75 0.45 -7.87	22.04 0.68 -2.27
WETHRSFD_WT_PWR 323626	17.19 -0.10 -5.39	20.57 -0.35 -2.44	20.59 -0.50 4.66	-13.33 -0.71 38.47	-15.90 -0.52 31.97	-14.81 -0.24 21.64	-17.85 -1.06 47.98	-14.47 -0.22 21.25	-14.47 0.09 13.95	-2.63 0.52 -10.55	39.85 0.76 -62.22	10.93 0.01 -20.61	21.15 -0.36 -5.66	21.14 -1.02 -2.46	17.23 -1.08 3.16	9.18 -0.93 13.42	-11.94 -0.90 36.93	-16.05 -0.67 34.05	-0.41 0.17 -3.82	-7.02 -1.31 34.69	-15.25 -1.15 45.71	-11.56 -0.61 30.79	-9.93 -0.44 23.92	-9.81 -0.51 28.40
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.48 0.60 -20.98	28.91 0.91 -9.52	27.39 1.33 -0.31	27.32 1.25 -0.22	24.52 0.87 -7.06	30.33 0.31 -22.95	34.46 1.38 -1.90	40.78 0.30 -33.49	55.47 -0.02 -56.10	61.50 -0.60 -75.80	201.29 -1.10 -225.52	64.54 -0.47 -74.71	37.16 0.80 -20.50	29.72 1.10 -8.93	24.43 1.09 -1.88	24.63 1.10 0.00	27.00 1.11 0.00	32.56 0.94 -12.95	47.46 -0.20 -52.07	38.11 1.50 -7.63	33.51 1.80 -0.11	28.61 1.19 -7.57	33.27 0.85 -17.99	25.52 1.24 -5.19
YORK___WARBASSE 23770	34.16 0.75 -21.51	29.42 1.18 -9.76	27.74 1.67 -0.32	27.58 1.50 -0.23	24.88 1.05 -7.24	30.97 0.37 -23.53	34.78 1.65 -1.94	41.68 0.35 -34.33	56.89 -0.01 -57.51	63.36 -0.66 -77.71	206.86 -1.22 -231.20	66.39 -0.50 -76.59	37.79 0.91 -21.02	30.26 1.41 -9.15	24.78 1.39 -1.93	24.94 1.41 0.00	27.33 1.44 0.00	33.14 1.20 -13.28	48.74 -0.23 -53.38	38.60 1.80 -7.82	33.98 2.26 -0.11	29.11 1.50 -7.76	33.94 1.07 -18.45	25.93 1.52 -5.32