

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/30/2022

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	145.81	72.81	91.75	62.32	59.42	114.04	81.88	97.36	106.62	78.90	82.42	48.21	44.35	44.86	46.47	47.32	46.27	46.58	55.99	59.59	58.66	47.02	49.28	41.91
24138	0.38	2.32	1.66	2.67	2.54	2.59	5.88	7.74	9.30	7.28	7.95	4.68	4.39	4.31	4.48	4.62	4.34	4.23	3.63	3.88	3.30	2.06	3.79	2.83
	-141.01	-41.31	-69.56	-26.53	-27.26	-85.24	-10.18	0.00	0.00	-3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.58	-18.58	-24.60	-26.72	-9.57	-12.79
74TH STREET_GT_1	145.83	72.80	91.75	62.32	59.41	114.03	81.85	97.21	106.42	78.70	82.21	48.06	44.21	44.73	46.35	47.20	46.15	46.47	55.91	59.54	58.62	47.00	49.23	41.87
24260	0.38	2.32	1.66	2.67	2.53	2.57	5.84	7.59	9.11	7.07	7.73	4.53	4.24	4.17	4.35	4.49	4.22	4.12	3.55	3.83	3.26	2.04	3.74	2.79
	-141.02	-41.31	-69.57	-26.53	-27.26	-85.25	-10.18	0.00	0.00	-3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.59	-18.58	-24.60	-26.72	-9.57	-12.79
74TH STREET_GT_2	145.83	72.80	91.75	62.32	59.41	114.03	81.85	97.21	106.42	78.70	82.21	48.06	44.21	44.73	46.35	47.20	46.15	46.47	55.91	59.54	58.62	47.00	49.23	41.87
24261	0.38	2.32	1.66	2.67	2.53	2.57	5.84	7.59	9.11	7.07	7.73	4.53	4.24	4.17	4.35	4.49	4.22	4.12	3.55	3.83	3.26	2.04	3.74	2.79
	-141.02	-41.31	-69.57	-26.53	-27.26	-85.25	-10.18	0.00	0.00	-3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.59	-18.58	-24.60	-26.72	-9.57	-12.79
ADK HUDSON___FALLS	197.66	89.71	120.15	73.19	70.99	202.07	102.13	97.41	105.29	83.56	80.37	47.49	43.54	44.46	45.96	46.69	46.28	46.86	65.92	71.79	68.90	57.80	68.03	53.49
24011	0.36	2.37	1.67	2.72	2.55	2.57	5.75	7.78	7.98	5.59	5.89	3.95	3.58	3.91	3.97	3.99	4.35	4.51	3.97	4.43	3.50	1.94	3.87	2.79
	-192.87	-58.16	-97.95	-37.35	-38.82	-173.30	-30.56	0.00	0.00	-9.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-28.18	-30.23	-34.64	-37.62	-28.24	-24.41
ADK RESOURCE___RCVRY	197.93	89.95	120.39	73.43	71.26	202.60	102.76	98.14	106.06	83.96	80.72	47.72	43.74	44.73	46.32	47.10	46.66	47.25	66.35	72.28	69.26	58.00	68.45	53.77
23798	0.38	2.54	1.79	2.91	2.77	2.77	6.30	8.51	8.75	5.97	6.25	4.19	3.78	4.18	4.32	4.39	4.73	4.90	4.36	4.87	3.82	2.09	4.23	3.03
	-193.11	-58.23	-98.08	-37.40	-38.87	-173.62	-30.63	0.00	0.00	-9.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-28.22	-30.28	-34.68	-37.67	-28.30	-24.45
ADK S GLENS___FALLS	197.66	89.71	120.15	73.19	70.99	202.07	102.13	97.41	105.29	83.56	80.37	47.49	43.54	44.46	45.96	46.69	46.28	46.86	65.92	71.79	68.90	57.80	68.03	53.49
24028	0.36	2.37	1.67	2.72	2.55	2.57	5.75	7.78	7.98	5.59	5.89	3.95	3.58	3.91	3.97	3.99	4.35	4.51	3.97	4.43	3.50	1.94	3.87	2.79
	-192.87	-58.16	-97.95	-37.35	-38.82	-173.30	-30.56	0.00	0.00	-9.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-28.18	-30.23	-34.64	-37.62	-28.24	-24.41
ADK_NYS___DAM	186.43	85.85	113.91	70.67	68.17	184.48	96.83	95.56	103.53	81.44	78.05	46.18	42.27	42.93	44.38	45.34	44.79	45.24	62.43	67.71	65.44	54.78	63.20	50.37
23527	0.31	2.12	1.51	2.51	2.20	2.20	4.31	5.93	6.21	4.78	3.58	2.65	2.31	2.37	2.39	2.63	2.86	2.89	2.46	2.72	2.19	1.25	2.59	1.97
	-181.68	-54.55	-91.88	-35.04	-36.36	-156.07	-26.69	0.00	0.00	-8.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-26.19	-27.86	-32.49	-35.29	-24.69	-22.12
AIR_PRODUCTS___DRP	181.60	84.25	111.47	69.38	66.98	180.13	95.69	94.61	102.83	80.67	78.13	45.93	42.13	42.70	44.12	45.04	44.43	44.87	61.48	66.67	64.40	53.84	62.22	49.59
24190	0.28	1.85	1.31	2.08	1.89	1.85	3.88	4.99	5.51	4.18	3.66	2.39	2.17	2.14	2.13	2.33	2.50	2.51	2.17	2.37	1.95	1.18	2.27	1.75
	-176.89	-53.22	-89.63	-34.18	-35.47	-152.07	-25.98	0.00	0.00	-7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.54	-27.16	-31.70	-34.43	-24.04	-21.55
ALBANY___1	181.60	84.25	111.47	69.38	66.98	180.13	95.69	94.61	102.83	80.67	78.13	45.93	42.13	42.70	44.12	45.04	44.43	44.87	61.48	66.67	64.40	53.84	62.22	49.59
23571	0.28	1.85	1.31	2.08	1.89	1.85	3.88	4.99	5.51	4.18	3.66	2.39	2.17	2.14	2.13	2.33	2.50	2.51	2.17	2.37	1.95	1.18	2.27	1.75
	-176.89	-53.22	-89.63	-34.18	-35.47	-152.07	-25.98	0.00	0.00	-7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.54	-27.16	-31.70	-34.43	-24.04	-21.55
ALBANY___2	181.60	84.25	111.47	69.38	66.98	180.13	95.69	94.61	102.83	80.67	78.13	45.93	42.13	42.70	44.12	45.04	44.43	44.87	61.48	66.67	64.40	53.84	62.22	49.59
23572	0.28	1.85	1.31	2.08	1.89	1.85	3.88	4.99	5.51	4.18	3.66	2.39	2.17	2.14	2.13	2.33	2.50	2.51	2.17	2.37	1.95	1.18	2.27	1.75
	-176.89	-53.22	-89.63	-34.18	-35.47	-152.07	-25.98	0.00	0.00	-7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.54	-27.16	-31.70	-34.43	-24.04	-21.55
ALBANY___3	181.60	84.25	111.47	69.38	66.98	180.13	95.69	94.61	102.83	80.67	78.13	45.93	42.13	42.70	44.12	45.04	44.43	44.87	61.48	66.67	64.40	53.84	62.22	49.59
23573	0.28	1.85	1.31	2.08	1.89	1.85	3.88	4.99	5.51	4.18	3.66	2.39	2.17	2.14	2.13	2.33	2.50	2.51	2.17	2.37	1.95	1.18	2.27	1.75
	-176.89	-53.22	-89.63	-34.18	-35.47	-152.07	-25.98	0.00	0.00	-7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.54	-27.16	-31.70	-34.43	-24.04	-21.55
ALBANY___4	181.60	84.25	111.47	69.38	66.98	180.13	95.69	94.61	102.83	80.67	78.13	45.93	42.13	42.70	44.12	45.04	44.43	44.87	61.48	66.67	64.40	53.84	62.22	49.59
23574	0.28	1.85	1.31	2.08	1.89	1.85	3.88	4.99	5.51	4.18	3.66	2.39	2.17	2.14	2.13	2.33	2.50	2.51	2.17	2.37	1.95	1.18	2.27	1.75
	-176.89	-53.22	-89.63	-34.18	-35.47	-152.07	-25.98	0.00	0.00	-7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.54	-27.16	-31.70	-34.43	-24.04	-21.55

ALBANY___LFGE 323615	183.66 0.31 -178.92	85.06 2.07 -53.82	112.63 1.46 -90.65	70.00 2.31 -34.57	67.60 2.11 -35.88	182.57 2.05 -154.30	96.65 4.39 -26.43	95.34 5.71 0.00	103.57 6.26 0.00	81.34 4.72 -8.11	78.64 4.17 0.00	46.29 2.76 0.00	42.46 2.49 0.00	43.02 2.46 0.00	44.43 2.43 0.00	45.37 2.66 0.00	44.78 2.85 0.00	45.22 2.87 0.00	62.09 2.47 -25.85	67.35 2.70 -27.51	65.02 2.20 -32.06	54.38 1.32 -34.82	62.91 2.54 -24.45	50.09 1.94 -21.86
ALCOA_RYNLDS___DRP 24188	4.35 -0.07 0.00	28.75 -0.43 0.00	20.25 -0.27 0.00	32.68 -0.44 0.00	29.08 -0.52 0.02	22.71 -1.01 2.50	63.75 -1.32 0.76	87.96 -1.66 0.00	95.28 -2.04 0.00	66.56 -1.73 0.23	72.52 -1.95 0.00	42.39 -1.15 0.00	38.90 -1.07 0.00	39.45 -1.10 0.00	40.90 -1.10 0.00	41.63 -1.08 0.00	40.96 -0.97 0.00	41.47 -0.88 0.00	32.82 -0.86 0.09	35.98 -0.96 0.19	29.82 -0.93 0.00	17.64 -0.59 0.00	34.34 -0.88 0.69	25.32 -0.67 0.30
ALCOA___DSASP 323711	4.35 -0.07 0.00	28.75 -0.43 0.00	20.25 -0.27 0.00	32.68 -0.44 0.00	29.08 -0.52 0.02	22.71 -1.01 2.50	63.75 -1.32 0.76	87.96 -1.66 0.00	95.28 -2.04 0.00	66.56 -1.73 0.23	72.52 -1.95 0.00	42.39 -1.15 0.00	38.90 -1.07 0.00	39.45 -1.10 0.00	40.90 -1.10 0.00	41.63 -1.08 0.00	40.96 -0.97 0.00	41.47 -0.88 0.00	32.82 -0.86 0.09	35.98 -0.96 0.19	29.82 -0.93 0.00	17.64 -0.59 0.00	34.34 -0.88 0.69	25.32 -0.67 0.30
ALLEGHENY___COGEN 23514	30.11 0.31 -25.37	38.83 1.76 -7.90	35.13 1.31 -13.30	40.07 1.88 -5.07	36.76 1.94 -5.21	43.58 1.94 -15.43	71.89 4.38 -1.68	155.51 6.31 -59.57	152.21 6.14 -48.75	77.39 4.81 -4.06	100.49 5.79 -20.23	72.22 3.22 -25.47	76.88 2.91 -34.01	76.21 2.78 -32.88	80.23 2.84 -35.40	70.27 2.75 -24.81	68.34 2.28 -24.13	68.59 2.01 -24.23	61.52 2.10 -25.65	67.13 2.50 -27.49	59.25 2.36 -26.13	38.13 1.29 -18.59	59.86 2.08 -21.87	31.18 1.61 -3.28
ALTONA_WT_PWR 323606	4.50 0.07 0.00	29.84 0.66 0.00	21.07 0.55 0.00	34.08 0.96 0.00	30.53 0.93 0.02	24.22 0.50 2.50	66.60 1.54 0.76	92.00 2.37 0.00	100.20 2.89 0.00	69.99 1.71 0.23	76.05 1.58 0.00	44.59 1.06 0.00	40.78 0.82 0.00	41.26 0.70 0.00	42.86 0.87 0.00	43.71 1.00 0.00	43.04 1.11 0.00	43.70 1.35 0.00	34.65 0.97 0.09	37.57 0.63 0.19	30.87 0.12 0.00	17.97 -0.27 0.00	35.82 0.60 0.69	26.50 0.51 0.30
AMERICAN_REF_FUEL 24010	28.77 -0.11 -24.45	35.46 -1.33 -7.61	32.57 -0.78 -12.82	36.34 -1.67 -4.89	33.40 -1.23 -5.02	39.86 -1.20 -14.84	63.30 -4.14 -1.61	66.72 -4.59 18.31	76.83 -5.58 14.91	64.53 -3.39 0.60	65.24 -3.05 6.19	33.78 -1.97 7.79	27.65 -1.91 10.41	28.53 -2.00 10.07	29.16 -2.20 10.84	32.90 -2.22 7.61	32.27 -2.22 7.44	32.60 -2.28 7.47	28.89 -1.44 3.45	31.47 -1.60 4.06	27.79 -0.89 2.08	19.41 -0.14 -1.32	30.34 -0.84 4.74	27.95 -0.30 -1.97
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.19 0.16 -27.60	38.42 0.65 -8.59	35.44 0.44 -14.47	38.74 0.10 -5.52	35.37 0.08 -5.66	43.41 0.34 -16.87	66.58 -1.10 -1.85	73.40 -1.52 14.70	82.70 -2.67 11.94	66.84 -1.37 0.32	68.69 -0.83 4.96	36.59 -0.70 6.24	30.68 -0.95 8.34	31.22 -1.27 8.07	32.02 -1.29 8.69	35.34 -1.26 6.11	34.41 -1.54 5.98	34.43 -1.92 6.00	31.13 -0.97 1.67	33.58 -1.38 2.17	29.83 -0.74 0.19	20.54 -0.43 -2.73	31.39 -1.24 3.28	28.55 -0.07 -2.33
ARTHUR_KILL_GT_1 23520	44.92 0.32 -40.17	49.81 1.85 -18.78	46.51 1.32 -24.67	-208.37 2.10 243.60	43.19 2.04 -11.53	60.59 2.15 -32.23	68.34 4.72 2.21	70.98 5.90 24.54	63.90 7.33 40.75	72.45 6.13 2.20	39.48 6.56 41.56	45.61 3.88 1.81	50.61 3.67 -6.98	22.09 3.55 22.02	26.25 3.73 19.47	45.53 3.85 1.03	45.22 3.61 0.32	43.06 3.51 2.81	38.83 3.00 -2.07	57.23 3.27 -16.82	58.11 2.84 -24.51	39.44 1.80 -19.41	40.73 3.27 -1.54	39.05 2.36 -10.40
ARTHUR_KILL_2 23512	44.90 0.31 -40.17	49.72 1.77 -18.78	46.45 1.26 -24.67	-208.46 2.02 243.60	43.10 1.95 -11.53	60.51 2.07 -32.23	68.13 4.51 2.21	70.69 5.61 24.54	63.57 7.01 40.75	72.23 5.91 2.20	39.27 6.35 41.56	45.47 3.75 1.81	50.49 3.55 -6.98	21.98 3.45 22.02	26.12 3.60 19.47	45.40 3.72 1.03	45.10 3.49 0.32	42.92 3.38 2.81	38.72 2.89 -2.07	57.10 3.14 -16.82	58.00 2.73 -24.51	39.38 1.73 -19.41	40.62 3.16 -1.54	38.97 2.28 -10.40
ARTHUR_KILL_3 23513	44.92 0.32 -40.17	49.89 1.93 -18.79	46.59 1.39 -24.67	-208.23 2.24 243.59	43.30 2.15 -11.54	62.33 2.24 -33.88	74.02 5.03 -3.17	73.11 6.41 22.93	60.76 7.83 44.39	72.51 6.20 2.20	39.76 6.84 41.55	45.74 4.00 1.80	50.75 3.81 -6.98	46.18 3.72 -1.90	50.71 3.92 -4.80	45.74 4.05 1.02	45.38 3.76 0.32	43.18 3.62 2.80	39.07 3.22 -2.07	57.42 3.47 -16.82	58.25 2.98 -24.51	39.53 1.88 -19.41	40.90 3.45 -1.54	39.28 2.59 -10.40
ARTHUR_KILL_COGEN 323718	44.92 0.32 -40.17	49.81 1.85 -18.78	46.51 1.32 -24.67	-208.37 2.10 243.60	43.19 2.04 -11.53	60.59 2.15 -32.23	68.34 4.72 2.21	70.98 5.90 24.54	63.90 7.33 40.75	72.45 6.13 2.20	39.48 6.56 41.56	45.61 3.88 1.81	50.61 3.67 -6.98	22.09 3.55 22.02	26.25 3.73 19.47	45.53 3.85 1.03	45.22 3.61 0.32	43.06 3.51 2.81	38.83 3.00 -2.07	57.23 3.27 -16.82	58.11 2.84 -24.51	39.44 1.80 -19.41	40.73 3.27 -1.54	39.05 2.36 -10.40
ASHOKAN____ 23654	152.29 0.48 -147.38	75.80 3.03 -43.59	96.10 2.16 -73.41	64.57 3.45 -27.99	61.69 3.21 -28.86	129.87 3.19 -100.46	87.41 7.64 -13.95	99.86 10.24 0.00	107.96 10.64 0.00	80.27 7.48 -4.27	82.48 8.00 0.00	48.15 4.62 0.00	44.26 4.29 0.00	44.70 4.14 0.00	46.20 4.20 0.00	47.19 4.49 0.00	46.46 4.53 0.00	47.09 4.74 0.00	57.87 4.09 -20.01	62.03 4.49 -20.41	60.49 3.77 -25.96	48.66 2.23 -28.20	53.05 4.13 -13.01	44.07 3.02 -14.76
ASTORIA_EAST_ENERGY_CC1 323581	145.81 0.36 -141.02	72.51 2.03 -41.30	91.53 1.44 -69.56	61.95 2.30 -26.52	59.06 2.19 -27.26	113.81 2.35 -85.25	81.36 5.35 -10.18	96.31 6.69 0.00	105.57 8.26 0.00	78.14 6.52 -3.11	81.43 6.96 -0.01	47.64 4.10 -0.01	43.83 3.87 0.00	44.37 3.81 0.00	46.00 4.00 -0.01	46.82 4.10 0.00	45.71 3.79 0.01	46.04 3.70 0.00	55.53 3.18 -18.58	59.12 3.41 -18.58	58.29 2.93 -24.60	46.82 1.86 -26.72	48.88 3.39 -9.57	41.59 2.51 -12.79
ASTORIA_EAST_ENERGY_CC2 323582	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.33 6.71 0.00	105.57 8.26 0.00	78.14 6.52 -3.11	81.43 6.96 -0.01	47.65 4.11 -0.01	43.84 3.88 0.00	44.37 3.81 0.00	46.00 4.00 -0.01	46.82 4.11 0.00	45.71 3.79 0.01	46.04 3.70 0.00	55.53 3.18 -18.58	59.12 3.41 -18.58	58.29 2.93 -24.60	46.82 1.86 -26.72	48.88 3.39 -9.57	41.59 2.51 -12.79
ASTORIA_GT2_I 24094	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79

ASTORIA_GT2_2 24095	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT2_3 24096	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT2_4 24097	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT3_1 24098	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT3_2 24099	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT3_3 24100	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT3_4 24101	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT4_1 24102	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT4_2 24103	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT4_3 24104	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT4_4 24105	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA_GT_1 23523	145.82 0.37 -141.02	72.59 2.11 -41.30	91.59 1.50 -69.56	62.02 2.38 -26.52	59.13 2.26 -27.26	113.87 2.41 -85.25	81.55 5.54 -10.18	96.58 6.95 0.00	105.89 8.57 0.00	78.35 6.73 -3.11	81.66 7.18 -0.01	47.77 4.23 -0.01	43.95 3.99 0.00	44.48 3.92 0.00	46.10 4.10 -0.01	46.93 4.22 0.00	45.83 3.91 0.01	46.17 3.82 0.00	55.64 3.28 -18.58	59.23 3.52 -18.58	58.38 3.02 -24.60	46.87 1.92 -26.72	48.99 3.50 -9.57	41.66 2.58 -12.79
ASTORIA_GT_10 24110	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.47 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
ASTORIA_GT_11 24225	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.47 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
ASTORIA_GT_12 24226	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.47 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79

ASTORIA_GT_13 24227	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.47 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
ASTORIA_GT_5 24106	145.82 0.37 -141.02	72.59 2.11 -41.30	91.59 1.50 -69.56	62.02 2.38 -26.52	59.13 2.26 -27.26	113.87 2.41 -85.25	81.55 5.54 -10.18	96.58 6.95 0.00	105.89 8.57 0.00	78.35 6.73 -3.11	81.66 7.18 -0.01	47.77 4.23 -0.01	43.95 3.99 0.00	44.48 3.92 0.00	46.10 4.10 -0.01	46.93 4.22 0.00	45.83 3.91 0.01	46.17 3.82 0.00	55.64 3.28 -18.58	59.23 3.52 -18.58	58.38 3.02 -24.60	46.87 1.92 -26.72	48.99 3.50 -9.57	41.66 2.58 -12.79
ASTORIA_GT_7 24107	145.82 0.37 -141.02	72.59 2.11 -41.30	91.59 1.50 -69.56	62.02 2.38 -26.52	59.13 2.26 -27.26	113.87 2.41 -85.25	81.55 5.54 -10.18	96.58 6.95 0.00	105.89 8.57 0.00	78.35 6.73 -3.11	81.66 7.18 -0.01	47.77 4.23 -0.01	43.95 3.99 0.00	44.48 3.92 0.00	46.10 4.10 -0.01	46.93 4.22 0.00	45.83 3.91 0.01	46.17 3.82 0.00	55.64 3.28 -18.58	59.23 3.52 -18.58	58.38 3.02 -24.60	46.87 1.92 -26.72	48.99 3.50 -9.57	41.66 2.58 -12.79
ASTORIA_GT_8 24108	145.82 0.37 -141.02	72.59 2.11 -41.30	91.59 1.50 -69.56	62.02 2.38 -26.52	59.13 2.26 -27.26	113.87 2.41 -85.25	81.55 5.54 -10.18	96.58 6.95 0.00	105.89 8.57 0.00	78.35 6.73 -3.11	81.66 7.18 -0.01	47.77 4.23 -0.01	43.95 3.99 0.00	44.48 3.92 0.00	46.10 4.10 -0.01	46.93 4.22 0.00	45.83 3.91 0.01	46.17 3.82 0.00	55.64 3.28 -18.58	59.23 3.52 -18.58	58.38 3.02 -24.60	46.87 1.92 -26.72	48.99 3.50 -9.57	41.66 2.58 -12.79
ASTORIA___2 24149	145.81 0.36 -141.02	72.52 2.05 -41.30	91.54 1.46 -69.56	61.96 2.31 -26.52	59.08 2.20 -27.26	113.82 2.36 -85.25	81.41 5.40 -10.18	96.35 6.73 0.00	105.62 8.31 0.00	78.20 6.57 -3.11	81.48 7.00 -0.01	47.67 4.13 -0.01	43.85 3.88 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.84 4.13 0.00	45.74 3.82 0.01	46.07 3.72 0.00	55.55 3.20 -18.58	59.15 3.43 -18.58	58.31 2.95 -24.60	46.83 1.87 -26.72	48.90 3.42 -9.57	41.60 2.52 -12.79
ASTORIA___3 23516	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.47 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
ASTORIA___4 23517	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.47 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
ASTORIA___5 23518	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.46 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
AST_ENERGY_2_CC3 323677	145.78 0.34 -141.01	72.55 2.07 -41.31	91.57 1.48 -69.57	62.05 2.40 -26.53	59.16 2.28 -27.26	113.80 2.34 -85.24	81.23 5.22 -10.18	96.33 6.71 0.00	105.48 8.17 0.00	78.04 6.41 -3.11	81.47 7.00 0.00	47.66 4.13 0.00	43.85 3.89 0.00	44.37 3.82 0.00	45.98 3.99 0.00	46.82 4.11 0.00	45.78 3.85 0.00	46.09 3.74 0.00	55.58 3.22 -18.59	59.18 3.46 -18.58	58.33 2.97 -24.60	46.84 1.88 -26.72	48.93 3.45 -9.57	41.68 2.60 -12.79
AST_ENERGY_2_CC4 323678	145.78 0.34 -141.01	72.55 2.07 -41.31	91.57 1.48 -69.57	62.05 2.40 -26.53	59.16 2.28 -27.26	113.80 2.34 -85.24	81.23 5.22 -10.18	96.33 6.71 0.00	105.48 8.17 0.00	78.04 6.41 -3.11	81.47 7.00 0.00	47.66 4.13 0.00	43.85 3.89 0.00	44.37 3.82 0.00	45.98 3.99 0.00	46.82 4.11 0.00	45.78 3.85 0.00	46.09 3.74 0.00	55.58 3.22 -18.59	59.18 3.46 -18.58	58.33 2.97 -24.60	46.84 1.88 -26.72	48.93 3.45 -9.57	41.68 2.60 -12.79
ATHENS_STG_1 23668	154.59 0.25 -149.91	74.01 1.42 -43.41	94.65 1.02 -73.11	62.62 1.62 -27.88	59.77 1.53 -28.62	113.03 1.55 -85.27	78.59 3.38 -9.39	93.70 4.07 0.00	102.24 4.93 0.00	75.20 3.82 -2.86	78.43 3.95 0.00	45.85 2.31 0.00	42.11 2.14 0.00	42.62 2.07 0.00	44.10 2.10 0.00	44.86 2.15 0.00	43.99 2.05 0.00	44.34 1.99 0.00	54.89 1.75 -19.37	58.20 1.88 -19.19	58.23 1.62 -25.86	47.36 1.04 -28.08	46.67 1.89 -8.86	40.66 1.45 -12.92
ATHENS_STG_2 23670	154.59 0.25 -149.91	74.01 1.42 -43.41	94.65 1.02 -73.11	62.62 1.62 -27.88	59.77 1.53 -28.62	113.03 1.55 -85.27	78.59 3.38 -9.39	93.70 4.07 0.00	102.24 4.93 0.00	75.20 3.82 -2.86	78.43 3.95 0.00	45.85 2.31 0.00	42.11 2.14 0.00	42.62 2.07 0.00	44.10 2.10 0.00	44.86 2.15 0.00	43.99 2.05 0.00	44.34 1.99 0.00	54.89 1.75 -19.37	58.20 1.88 -19.19	58.23 1.62 -25.86	47.36 1.04 -28.08	46.67 1.89 -8.86	40.66 1.45 -12.92
ATHENS_STG_3 23677	154.59 0.25 -149.91	74.01 1.42 -43.41	94.65 1.02 -73.11	62.62 1.62 -27.88	59.77 1.53 -28.62	113.03 1.55 -85.27	78.59 3.38 -9.39	93.70 4.07 0.00	102.24 4.93 0.00	75.20 3.82 -2.86	78.43 3.95 0.00	45.85 2.31 0.00	42.11 2.14 0.00	42.62 2.07 0.00	44.10 2.10 0.00	44.86 2.15 0.00	43.99 2.05 0.00	44.34 1.99 0.00	54.89 1.75 -19.37	58.20 1.88 -19.19	58.23 1.62 -25.86	47.36 1.04 -28.08	46.67 1.89 -8.86	40.66 1.45 -12.92
AUBURN___LFGE 323710	23.24 0.13 -18.67	35.69 0.70 -5.81	30.82 0.51 -9.79	37.64 0.78 -3.73	34.39 0.94 -3.83	38.24 1.05 -10.98	69.10 2.15 -1.12	95.08 3.00 -2.46	102.58 3.31 -1.95	71.27 2.27 -0.48	78.28 3.00 -0.82	46.25 1.69 -1.03	42.70 1.37 -1.37	43.26 1.39 -1.32	44.98 1.57 -1.42	45.19 1.48 -1.01	44.49 1.56 -1.00	44.71 1.36 -1.00	38.42 1.21 -3.43	42.08 1.48 -3.47	36.30 1.21 -4.34	23.28 0.72 -4.33	38.98 1.20 -1.87	28.83 0.82 -1.72
BABYLON_RES_REC 323704	145.87 0.40 -141.03	72.90 2.41 -41.31	91.89 1.79 -69.58	62.46 2.81 -26.53	59.46 2.58 -27.27	114.06 2.59 -85.26	81.41 5.40 -10.19	96.55 6.93 0.00	106.01 8.69 0.00	78.51 6.70 -3.30	102.92 7.76 -20.69	64.26 4.59 -16.13	59.66 4.26 -15.43	52.25 4.07 -7.63	46.13 4.14 0.00	72.78 4.51 -25.56	45.85 3.92 0.00	46.01 3.66 0.00	55.60 3.24 -18.59	59.49 3.77 -18.58	59.97 3.19 -26.02	46.90 1.94 -26.73	68.81 3.98 -28.92	42.31 3.23 -12.79

BARRETT_IC_1 23704	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_10 23701	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_11 23702	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_12 23703	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_2 23705	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_3 23706	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_4 23707	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_5 23708	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_6 23709	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_7 23710	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_8 23711	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT_IC_9 23700	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT___1 23545	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BARRETT___2 23546	145.87 0.41 -141.03	72.93 2.45 -41.31	91.91 1.81 -69.58	62.52 2.86 -26.53	59.54 2.65 -27.27	114.09 2.62 -85.26	81.48 5.47 -10.19	96.84 7.21 0.00	106.12 8.80 0.00	78.65 6.83 -3.30	103.24 8.08 -20.69	64.39 4.73 -16.13	59.83 4.43 -15.43	52.40 4.22 -7.63	46.31 4.32 0.00	72.95 4.69 -25.56	46.10 4.17 0.00	46.37 4.02 0.00	55.86 3.49 -18.59	59.68 3.97 -18.58	60.14 3.37 -26.02	47.02 2.06 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
BAYONEEC___CTG1 323682	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79

BAYONEEC___CTG10 323750	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BAYONEEC___CTG2 323683	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BAYONEEC___CTG3 323684	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BAYONEEC___CTG4 323685	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BAYONEEC___CTG5 323686	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BAYONEEC___CTG6 323687	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BAYONEEC___CTG7 323688	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BAYONEEC___CTG8 323689	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BAYONEEC___CTG9 323749	145.79 0.35 -141.01	72.57 2.09 -41.31	91.60 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.32 5.31 -10.18	96.45 6.83 0.00	105.65 8.33 0.00	78.19 6.56 -3.11	81.66 7.19 0.00	47.73 4.20 0.00	43.92 3.95 0.00	44.43 3.87 0.00	46.05 4.05 0.00	46.90 4.19 0.00	45.85 3.92 0.00	46.16 3.81 0.00	55.67 3.31 -18.59	59.28 3.57 -18.58	58.41 3.05 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
BEACON___LESR 323632	182.29 0.34 -177.53	84.82 2.25 -53.40	112.07 1.62 -89.93	70.04 2.63 -34.29	67.45 2.24 -35.59	180.97 2.23 -152.53	96.64 4.76 -26.05	95.82 6.20 0.00	104.02 6.71 0.00	81.56 5.04 -8.00	78.82 4.35 0.00	46.58 3.04 0.00	42.59 2.63 0.00	43.10 2.54 0.00	44.64 2.65 0.00	45.46 2.76 0.00	44.82 2.88 0.00	45.37 3.02 0.00	61.97 2.58 -25.62	67.27 2.88 -27.25	64.92 2.36 -31.80	54.18 1.40 -34.54	62.68 2.67 -24.10	49.95 2.05 -21.62
BEAVER RIVER___HYD 24048	8.76 -0.03 -4.35	30.44 -0.08 -1.35	22.80 0.01 -2.27	33.95 -0.03 -0.86	30.49 -0.01 -0.88	25.72 0.10 0.59	66.37 1.28 0.73	91.45 1.83 0.00	98.66 1.34 0.00	68.96 0.44 0.00	74.56 0.08 0.00	43.56 0.03 0.00	39.87 -0.09 0.00	40.28 -0.28 0.00	41.60 -0.39 0.00	42.45 -0.25 0.00	41.88 -0.05 0.00	42.10 -0.25 0.00	33.93 -0.34 -0.50	37.17 -0.32 -0.36	31.31 -0.29 -0.84	18.92 -0.23 -0.92	34.57 -0.68 0.66	25.68 -0.62 -0.01
BEEBEE_GT_13 23619	22.17 0.05 -17.69	34.76 0.08 -5.51	29.91 0.12 -9.27	36.71 0.05 -3.54	33.48 0.23 -3.63	36.98 0.28 -10.49	67.25 0.33 -1.09	90.60 0.98 0.00	98.13 0.81 0.00	69.73 0.89 -0.33	75.80 1.33 0.00	44.22 0.69 0.00	40.53 0.57 0.00	41.14 0.58 0.00	42.59 0.60 0.00	43.24 0.53 0.00	42.36 0.43 0.00	42.73 0.38 0.00	36.71 0.51 -2.43	40.13 0.60 -2.40	34.72 0.68 -3.28	22.40 0.43 -3.73	37.44 0.49 -1.03	28.36 0.47 -1.60
BETHLEHEM___GRP 23843	181.60 0.28 -176.89	84.25 1.85 -53.22	111.47 1.31 -89.63	69.38 2.08 -34.18	66.98 1.89 -35.47	180.13 1.85 -152.07	95.69 3.88 -25.98	94.61 4.99 0.00	102.83 5.51 0.00	80.67 4.18 -7.97	78.13 3.66 0.00	45.93 2.39 0.00	42.13 2.17 0.00	42.70 2.14 0.00	44.12 2.13 0.00	45.04 2.33 0.00	44.43 2.50 0.00	44.87 2.51 0.00	61.48 2.17 -25.54	66.67 2.37 -27.16	64.40 1.95 -31.70	53.84 1.18 -34.43	62.22 2.27 -24.04	49.59 1.75 -21.55
BETHLEHEM___GS1 323560	181.60 0.28 -176.89	84.25 1.85 -53.22	111.47 1.31 -89.63	69.38 2.08 -34.18	66.98 1.89 -35.47	180.13 1.85 -152.07	95.69 3.88 -25.98	94.61 4.99 0.00	102.83 5.51 0.00	80.67 4.18 -7.97	78.13 3.66 0.00	45.93 2.39 0.00	42.13 2.17 0.00	42.70 2.14 0.00	44.12 2.13 0.00	45.04 2.33 0.00	44.43 2.50 0.00	44.87 2.51 0.00	61.48 2.17 -25.54	66.67 2.37 -27.16	64.40 1.95 -31.70	53.84 1.18 -34.43	62.22 2.27 -24.04	49.59 1.75 -21.55
BETHLEHEM___GS2 323561	181.60 0.28 -176.89	84.25 1.85 -53.22	111.47 1.31 -89.63	69.38 2.08 -34.18	66.98 1.89 -35.47	180.13 1.85 -152.07	95.69 3.88 -25.98	94.61 4.99 0.00	102.83 5.51 0.00	80.67 4.18 -7.97	78.13 3.66 0.00	45.93 2.39 0.00	42.13 2.17 0.00	42.70 2.14 0.00	44.12 2.13 0.00	45.04 2.33 0.00	44.43 2.50 0.00	44.87 2.51 0.00	61.48 2.17 -25.54	66.67 2.37 -27.16	64.40 1.95 -31.70	53.84 1.18 -34.43	62.22 2.27 -24.04	49.59 1.75 -21.55

BETHLEHEM___GS3 323562	181.60 0.28 -176.89	84.25 1.85 -53.22	111.47 1.31 -89.63	69.38 2.08 -34.18	66.98 1.89 -35.47	180.13 1.85 -152.07	95.69 3.88 -25.98	94.61 4.99 0.00	102.83 5.51 0.00	80.67 4.18 -7.97	78.13 3.66 0.00	45.93 2.39 0.00	42.13 2.17 0.00	42.70 2.14 0.00	44.12 2.13 0.00	45.04 2.33 0.00	44.43 2.50 0.00	44.87 2.51 0.00	61.48 2.17 -25.54	66.67 2.37 -27.16	64.40 1.95 -31.70	53.84 1.18 -34.43	62.22 2.27 -24.04	49.59 1.75 -21.55
BETHLEHEM___STEEL 23779	30.44 0.05 -25.96	37.10 -0.15 -8.08	34.12 -0.01 -13.61	37.91 -0.40 -5.19	34.84 -0.10 -5.33	41.97 -0.05 -15.81	66.17 -1.38 -1.73	66.27 -1.32 22.03	77.41 -1.97 17.94	67.03 -0.69 0.79	67.04 0.01 7.44	33.96 -0.20 9.37	27.07 -0.37 12.52	27.92 -0.52 12.11	28.50 -0.46 13.04	32.99 -0.57 9.15	32.26 -0.72 8.95	32.51 -0.86 8.98	28.91 -0.25 4.62	31.44 -0.34 5.35	27.79 0.16 3.13	19.35 0.24 -0.87	30.01 -0.01 5.89	28.70 0.36 -2.05
BETHPAGE_CC_5 323564	145.87 0.41 -141.03	72.94 2.46 -41.31	91.91 1.81 -69.58	62.51 2.86 -26.53	59.52 2.64 -27.27	114.12 2.66 -85.26	81.68 5.67 -10.19	97.18 7.55 0.00	106.34 9.02 0.00	78.77 6.96 -3.30	103.20 8.03 -20.69	64.40 4.74 -16.13	59.81 4.42 -15.43	52.40 4.22 -7.63	46.30 4.30 0.00	72.94 4.67 -25.56	46.06 4.13 0.00	46.37 4.01 0.00	55.89 3.53 -18.59	59.73 4.02 -18.58	60.19 3.41 -26.02	47.05 2.09 -26.73	68.86 4.03 -28.92	42.17 3.09 -12.79
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.63 0.06 -26.14	37.21 -0.11 -8.13	34.25 0.03 -13.70	38.00 -0.34 -5.23	34.93 -0.05 -5.36	42.13 -0.01 -15.93	66.31 -1.25 -1.74	67.23 -1.20 21.20	78.21 -1.85 17.26	67.17 -0.61 0.74	67.41 0.10 7.16	34.38 -0.14 9.01	27.58 -0.33 12.05	28.40 -0.50 11.65	29.01 -0.43 12.55	33.39 -0.51 8.81	32.65 -0.67 8.61	32.88 -0.82 8.64	29.26 -0.23 4.29	31.81 -0.33 4.99	28.13 0.17 2.80	19.56 0.24 -1.08	30.31 -0.01 5.60	28.73 0.36 -2.08
BINGHAMTON___COGEN 23790	50.15 0.09 -45.63	43.99 0.61 -14.20	44.88 0.44 -23.92	42.87 0.63 -9.12	39.68 0.70 -9.37	55.88 0.89 -28.78	70.83 1.66 -3.34	91.85 2.23 0.00	99.49 2.18 0.00	71.42 1.90 -1.01	77.00 2.53 0.00	44.89 1.35 0.00	41.17 1.20 0.00	41.65 1.09 0.00	43.23 1.24 0.00	43.93 1.22 0.00	42.97 1.04 0.00	43.23 0.88 0.00	41.19 0.99 -6.42	44.55 1.03 -6.39	40.31 1.09 -8.46	27.90 0.63 -9.04	40.05 0.99 -3.14	31.41 0.79 -4.33
BLACK RIVER___HYD 24047	11.24 -0.02 -6.83	31.29 0.00 -2.12	24.16 0.07 -3.57	34.54 0.06 -1.36	31.14 0.14 -1.39	29.39 0.47 -2.71	68.06 2.23 0.00	92.77 3.15 0.00	99.94 2.62 0.00	69.88 1.37 0.00	75.43 0.95 0.00	44.07 0.53 0.00	40.31 0.35 0.00	40.65 0.10 0.00	41.88 -0.11 0.00	42.81 0.10 0.00	42.27 0.34 0.00	42.29 -0.07 0.00	34.45 -0.25 -0.93	37.75 -0.23 -0.85	31.91 -0.17 -1.33	19.54 -0.14 -1.44	35.23 -0.70 -0.02	26.10 -0.67 -0.47
BLISS_WT_PWR 323608	32.09 0.14 -27.52	38.31 0.57 -8.57	35.37 0.42 -14.42	38.96 0.34 -5.50	35.80 0.54 -5.65	43.49 0.46 -16.81	67.24 -0.43 -1.85	73.91 -0.98 14.73	83.81 -1.54 11.97	67.80 -0.40 0.32	69.84 0.32 4.96	37.09 -0.19 6.25	30.85 -0.75 8.36	31.18 -1.29 8.09	32.25 -1.04 8.71	36.13 -0.46 6.12	35.29 -0.65 5.99	35.16 -1.18 6.01	31.55 -0.54 1.69	34.05 -0.89 2.19	30.19 -0.35 0.22	20.63 -0.30 -2.69	31.64 -0.97 3.29	28.37 -0.24 -2.32
BLUE_CIRC_CHEM_DRP 24182	167.13 0.26 -162.44	79.47 1.76 -48.54	103.50 1.24 -81.74	66.26 1.97 -31.17	63.61 1.73 -32.26	155.55 1.66 -127.68	89.64 3.47 -20.34	94.03 4.41 0.00	101.99 4.67 0.00	78.33 3.57 -6.25	77.57 3.10 0.00	45.61 2.08 0.00	41.83 1.87 0.00	42.38 1.82 0.00	43.77 1.77 0.00	44.67 1.96 0.00	44.13 2.20 0.00	44.57 2.22 0.00	58.58 1.93 -22.88	63.18 2.11 -23.93	61.39 1.72 -28.91	50.66 1.03 -31.40	56.78 1.99 -18.87	46.14 1.51 -18.33
BOC_GAS_DRP 24189	177.14 0.22 -172.48	82.57 1.45 -51.94	109.03 1.03 -87.48	68.11 1.63 -33.36	65.74 1.51 -34.61	175.63 1.49 -147.93	94.23 3.20 -25.21	93.55 3.92 0.00	101.85 4.53 0.00	79.74 3.47 -7.75	77.80 3.32 0.00	45.57 2.03 0.00	41.83 1.87 0.00	42.37 1.82 0.00	43.80 1.81 0.00	44.63 1.93 0.00	43.91 1.98 0.00	44.32 1.97 0.00	60.42 1.74 -24.91	65.49 1.88 -26.48	63.27 1.58 -30.94	52.82 0.98 -33.60	61.05 1.81 -23.32	48.67 1.41 -20.98
BORALEX_4TH_BRANCH 23824	186.43 0.31 -181.68	85.85 2.12 -54.55	113.91 1.51 -91.88	70.67 2.51 -35.04	68.17 2.20 -36.36	184.48 2.20 -156.07	96.83 4.31 -26.69	95.56 5.93 0.00	103.53 6.21 0.00	81.44 4.78 -8.15	78.05 3.58 0.00	46.18 2.65 0.00	42.27 2.31 0.00	42.93 2.37 0.00	44.38 2.39 0.00	45.34 2.63 0.00	44.79 2.86 0.00	45.24 2.89 0.00	62.43 2.46 -26.19	67.71 2.72 -27.86	65.44 2.19 -32.49	54.78 1.25 -35.29	63.20 2.59 -24.69	50.37 1.97 -22.12
BOWLINE___1 23526	143.26 0.30 -138.53	71.61 1.80 -40.64	90.25 1.27 -68.45	61.25 2.02 -26.10	58.40 1.96 -26.82	112.08 2.11 -83.76	80.51 4.70 -9.98	95.58 5.96 0.00	104.30 6.99 0.00	76.95 5.38 -3.05	80.37 5.90 0.00	46.99 3.45 0.00	43.20 3.24 0.00	43.72 3.17 0.00	45.32 3.33 0.00	46.15 3.45 0.00	45.14 3.21 0.00	45.45 3.09 0.00	54.85 2.79 -18.29	58.45 3.04 -18.27	57.59 2.62 -24.21	46.18 1.65 -26.29	48.33 3.03 -9.39	41.14 2.28 -12.57
BOWLINE___2 23595	143.27 0.30 -138.53	71.61 1.80 -40.65	90.26 1.28 -68.45	61.25 2.02 -26.10	58.40 1.96 -26.83	112.09 2.12 -83.76	80.51 4.70 -9.99	95.59 5.96 0.00	104.31 6.99 0.00	76.95 5.38 -3.05	80.38 5.90 0.00	46.99 3.45 0.00	43.21 3.24 0.00	43.72 3.17 0.00	45.32 3.33 0.00	46.15 3.45 0.00	45.14 3.21 0.00	45.45 3.10 0.00	54.85 2.79 -18.29	58.45 3.04 -18.27	57.59 2.62 -24.21	46.18 1.65 -26.29	48.34 3.04 -9.39	41.14 2.28 -12.57
BRANSCOMB___SOLAR 323811	195.59 0.35 -190.81	89.01 2.33 -57.50	119.02 1.65 -96.85	72.73 2.68 -36.93	70.45 2.46 -38.38	199.22 2.45 -170.56	101.18 5.38 -29.98	96.89 7.27 0.00	104.78 7.46 0.00	83.14 5.37 -9.25	79.56 5.09 0.00	46.95 3.42 0.00	43.05 3.09 0.00	43.83 3.27 0.00	45.25 3.25 0.00	46.07 3.36 0.00	45.64 3.71 0.00	46.19 3.84 0.00	64.94 3.33 -27.83	70.68 3.71 -29.83	67.97 2.97 -34.25	57.12 1.68 -37.20	66.94 3.32 -27.70	52.75 2.42 -24.04
BROOKHAVEN___DRP 24191	145.87 0.41 -141.03	72.96 2.47 -41.31	92.00 1.89 -69.58	62.70 3.05 -26.53	59.61 2.73 -27.27	114.10 2.63 -85.26	81.47 5.46 -10.19	96.79 7.16 0.00	105.80 8.48 0.00	78.30 6.48 -3.30	102.99 7.82 -20.69	64.34 4.67 -16.13	59.61 4.22 -15.43	52.26 4.08 -7.63	46.07 4.07 0.00	72.64 4.38 -25.56	45.81 3.88 0.00	45.96 3.61 0.00	55.55 3.19 -18.59	59.46 3.74 -18.58	59.97 3.19 -26.02	46.93 1.96 -26.73	68.89 4.06 -28.92	42.15 3.07 -12.79
BROOKLYN_NAVY_YARD 23515	145.79 0.35 -141.01	72.57 2.09 -41.31	91.58 1.49 -69.57	62.06 2.41 -26.53	59.18 2.30 -27.26	113.83 2.38 -85.24	81.43 5.42 -10.18	96.62 6.99 0.00	105.68 8.37 0.00	78.18 6.56 -3.11	81.60 7.12 0.00	47.74 4.20 0.00	43.91 3.95 0.00	44.43 3.87 0.00	46.04 4.04 0.00	46.87 4.16 0.00	45.81 3.88 0.00	46.13 3.78 0.00	55.64 3.28 -18.59	59.24 3.53 -18.58	58.38 3.02 -24.60	46.87 1.91 -26.72	49.01 3.52 -9.57	41.67 2.59 -12.79

BROOKLYN___ARMY_DRP 323595	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
BROOME_2_LFGE 323671	50.15 0.09 -45.63	43.99 0.61 -14.20	44.88 0.44 -23.92	42.87 0.63 -9.12	39.68 0.70 -9.37	55.88 0.89 -28.78	70.83 1.66 -3.34	91.85 2.23 0.00	99.49 2.18 0.00	71.42 1.90 -1.01	77.00 2.53 0.00	44.89 1.35 0.00	41.17 1.20 0.00	41.65 1.09 0.00	43.23 1.24 0.00	43.93 1.22 0.00	42.97 1.04 0.00	43.23 0.88 0.00	41.19 0.99 -6.42	44.55 1.03 -6.39	40.31 1.09 -8.46	27.90 0.63 -9.04	40.05 0.99 -3.14	31.41 0.79 -4.33
BROOME___LFGE 323600	50.15 0.09 -45.63	43.99 0.61 -14.20	44.88 0.44 -23.92	42.87 0.63 -9.12	39.68 0.70 -9.37	55.88 0.89 -28.78	70.83 1.66 -3.34	91.85 2.23 0.00	99.49 2.18 0.00	71.42 1.90 -1.01	77.00 2.53 0.00	44.89 1.35 0.00	41.17 1.20 0.00	41.65 1.09 0.00	43.23 1.24 0.00	43.93 1.22 0.00	42.97 1.04 0.00	43.23 0.88 0.00	41.19 0.99 -6.42	44.55 1.03 -6.39	40.31 1.09 -8.46	27.90 0.63 -9.04	40.05 0.99 -3.14	31.41 0.79 -4.33
BURROWS___LYONSDAL 23803	4.52 0.09 0.00	29.77 0.60 0.00	20.96 0.44 0.00	33.82 0.70 0.00	30.26 0.69 0.05	21.10 0.78 5.89	66.28 2.25 1.79	92.76 3.14 0.00	100.44 3.13 0.00	70.00 2.03 0.54	76.60 2.12 0.00	44.75 1.21 0.00	40.98 1.02 0.00	41.52 0.96 0.00	43.00 1.00 0.00	43.74 1.04 0.00	43.05 1.12 0.00	43.44 1.09 0.00	34.43 0.88 0.22	37.69 1.01 0.45	31.61 0.85 0.00	18.69 0.45 0.00	34.99 0.71 1.63	26.03 0.44 0.71
CAITHNESS_CC_1 323624	145.87 0.40 -141.03	72.94 2.46 -41.31	91.97 1.86 -69.58	62.64 2.98 -26.53	59.57 2.68 -27.27	114.07 2.60 -85.26	81.38 5.37 -10.19	96.69 7.06 0.00	105.71 8.39 0.00	78.28 6.47 -3.30	102.92 7.76 -20.69	64.30 4.64 -16.13	59.60 4.21 -15.43	52.24 4.06 -7.63	46.06 4.06 0.00	72.63 4.36 -25.56	45.78 3.84 0.00	45.93 3.57 0.00	55.54 3.18 -18.59	59.43 3.71 -18.58	59.94 3.16 -26.02	46.90 1.94 -26.73	68.85 4.02 -28.92	42.12 3.04 -12.79
CALPINE BETH_PAGE_GT4 24209	145.86 0.40 -141.03	72.87 2.39 -41.31	91.86 1.75 -69.58	62.43 2.77 -26.53	59.45 2.57 -27.27	114.07 2.60 -85.26	81.55 5.54 -10.19	97.00 7.37 0.00	106.15 8.83 0.00	78.64 6.82 -3.30	103.03 7.87 -20.69	64.30 4.64 -16.13	59.72 4.32 -15.43	52.32 4.14 -7.63	46.21 4.21 0.00	72.85 4.58 -25.56	45.99 4.06 0.00	46.32 3.97 0.00	55.84 3.48 -18.59	59.67 3.95 -18.58	60.14 3.36 -26.02	47.01 2.05 -26.73	68.79 3.96 -28.92	42.09 3.01 -12.79
CALPINE_BETH_PAGE_GT_4 323586	145.86 0.40 -141.03	72.87 2.39 -41.31	91.86 1.75 -69.58	62.43 2.77 -26.53	59.45 2.57 -27.27	114.07 2.60 -85.26	81.55 5.54 -10.19	97.00 7.37 0.00	106.15 8.83 0.00	78.64 6.82 -3.30	103.03 7.87 -20.69	64.30 4.64 -16.13	59.72 4.32 -15.43	52.32 4.14 -7.63	46.21 4.21 0.00	72.85 4.58 -25.56	45.99 4.06 0.00	46.32 3.97 0.00	55.84 3.48 -18.59	59.67 3.95 -18.58	60.14 3.36 -26.02	47.01 2.05 -26.73	68.79 3.96 -28.92	42.09 3.01 -12.79
CALPINE_BP_GT1 23823	145.86 0.40 -141.03	72.87 2.39 -41.31	91.86 1.75 -69.58	62.43 2.77 -26.53	59.45 2.57 -27.27	114.07 2.60 -85.26	81.55 5.54 -10.19	97.00 7.37 0.00	106.15 8.83 0.00	78.64 6.82 -3.30	103.03 7.87 -20.69	64.30 4.64 -16.13	59.72 4.32 -15.43	52.32 4.14 -7.63	46.21 4.21 0.00	72.85 4.58 -25.56	45.99 4.06 0.00	46.32 3.97 0.00	55.84 3.48 -18.59	59.67 3.95 -18.58	60.14 3.36 -26.02	47.01 2.05 -26.73	68.79 3.96 -28.92	42.09 3.01 -12.79
CALSPAN___DRP 24200	30.44 0.05 -25.96	37.10 -0.15 -8.08	34.12 -0.01 -13.61	37.91 -0.40 -5.19	34.84 -0.10 -5.33	41.97 -0.05 -15.81	66.17 -1.38 -1.73	66.27 -1.32 22.03	77.41 -1.97 17.94	67.03 -0.69 0.79	67.04 0.01 7.44	33.96 -0.20 9.37	27.07 -0.37 12.52	27.92 -0.52 12.11	28.50 -0.46 13.04	32.99 -0.57 9.15	32.26 -0.72 8.95	32.51 -0.86 8.98	28.91 -0.25 4.62	31.44 -0.34 5.35	27.79 0.16 3.13	19.35 0.24 -0.87	30.01 -0.01 5.89	28.70 0.36 -2.05
CANDIGU_WT_PWR 323617	37.00 0.10 -32.48	39.74 0.46 -10.11	37.91 0.36 -17.03	39.98 0.37 -6.49	36.80 0.52 -6.67	46.92 0.70 -20.00	68.75 0.70 -2.23	-12.84 0.82 103.29	13.27 0.24 84.28	63.80 0.76 5.48	41.00 1.50 34.98	0.17 0.66 44.02	-18.26 0.59 58.81	-15.95 0.36 56.86	-18.75 0.49 61.23	0.10 0.34 42.95	0.10 0.05 41.88	0.10 -0.19 42.06	0.10 0.27 33.94	0.10 0.21 37.25	0.10 0.53 31.19	2.38 0.18 16.04	2.87 0.08 33.12	27.84 0.15 -1.40
CARR STREET_E_SYR 24060	17.11 0.00 -12.68	33.10 -0.01 -3.94	27.17 0.00 -6.64	35.64 -0.01 -2.53	32.29 0.09 -2.58	31.40 0.23 -4.97	66.21 0.38 0.00	90.24 0.61 0.00	97.88 0.56 0.00	69.05 0.54 0.00	75.27 0.79 0.00	43.95 0.41 0.00	40.35 0.39 0.00	40.99 0.43 0.00	42.45 0.45 0.00	43.15 0.44 0.00	42.28 0.35 0.00	42.68 0.33 0.00	35.79 0.36 -1.65	39.06 0.40 -1.53	33.53 0.40 -2.37	21.03 0.22 -2.58	36.19 0.25 -0.03	27.32 0.18 -0.85
CARTHAGE___PAPER 23857	10.30 0.00 -5.87	31.08 0.09 -1.82	23.72 0.13 -3.06	34.45 0.16 -1.17	30.99 0.18 -1.19	28.89 0.35 -2.32	67.84 2.01 0.00	92.44 2.82 0.00	99.59 2.28 0.00	69.60 1.08 0.00	75.10 0.63 0.00	43.91 0.37 0.00	40.18 0.22 0.00	40.54 -0.02 0.00	41.83 -0.17 0.00	42.73 0.02 0.00	42.18 0.25 0.00	42.34 -0.02 0.00	34.39 -0.18 -0.80	37.71 -0.16 -0.73	31.75 -0.15 -1.14	19.34 -0.14 -1.24	35.34 -0.58 -0.01	26.13 -0.57 -0.41
CASSADAGA_WT_PWR 323784	32.32 0.19 -27.70	38.69 0.89 -8.62	35.64 0.60 -14.52	39.01 0.36 -5.54	35.62 0.32 -5.68	43.65 0.51 -16.93	66.95 -0.73 -1.86	74.67 -0.95 14.00	83.87 -2.07 11.37	67.39 -0.85 0.27	69.46 -0.29 4.72	37.23 -0.36 5.94	31.35 -0.67 7.94	31.86 -1.01 7.69	32.66 -1.06 8.27	35.86 -1.04 5.81	34.88 -1.36 5.69	34.90 -1.74 5.72	31.56 -0.82 1.39	34.04 -1.23 1.87	30.22 -0.61 -0.07	20.73 -0.40 -2.90	31.70 -1.18 3.04	28.66 0.03 -2.34
CE_DUNWOOD___DRP 24194	145.59 0.33 -140.83	72.43 2.00 -41.26	91.44 1.43 -69.49	61.90 2.28 -26.50	59.02 2.18 -27.23	113.64 2.28 -85.14	81.14 5.14 -10.17	96.23 6.61 0.00	105.13 7.81 0.00	77.67 6.05 -3.10	81.03 6.56 0.00	47.36 3.83 0.00	43.54 3.57 0.00	44.05 3.50 0.00	45.64 3.64 0.00	46.50 3.79 0.00	45.47 3.54 0.00	45.80 3.45 0.00	55.37 3.03 -18.56	58.99 3.30 -18.55	58.14 2.81 -24.57	46.70 1.77 -26.69	48.72 3.24 -9.56	41.50 2.43 -12.77
CE_MILLWOOD___DRP 24193	145.34 0.33 -140.58	72.31 1.94 -41.19	91.29 1.39 -69.38	61.80 2.23 -26.46	58.93 2.12 -27.19	113.45 2.23 -85.00	80.99 5.02 -10.15	96.05 6.42 0.00	104.92 7.60 0.00	77.48 5.86 -3.10	80.83 6.35 0.00	47.24 3.70 0.00	43.43 3.46 0.00	43.94 3.38 0.00	45.52 3.53 0.00	46.37 3.66 0.00	45.36 3.43 0.00	45.68 3.33 0.00	55.25 2.95 -18.53	58.85 3.20 -18.52	58.02 2.75 -24.52	46.59 1.72 -26.64	48.62 3.17 -9.54	41.40 2.37 -12.75



CE_NYC2_DRP 24202	145.83 0.38 -141.02	72.73 2.25 -41.31	91.69 1.60 -69.57	62.21 2.56 -26.53	59.31 2.43 -27.26	113.95 2.50 -85.25	81.52 5.51 -10.18	96.73 7.10 0.00	106.00 8.68 0.00	78.51 6.88 -3.11	84.16 7.50 -2.19	69.70 4.44 -21.72	69.19 4.16 -25.07	67.98 4.09 -23.33	68.28 4.27 -22.02	68.86 4.41 -21.74	68.27 4.13 -22.21	60.89 4.03 -14.50	55.88 3.45 -18.65	59.40 3.68 -18.58	58.52 3.16 -24.60	46.96 2.00 -26.72	49.15 3.67 -9.57	41.75 2.67 -12.79
CE_NYC_DRP 24195	145.79 0.35 -141.01	72.60 2.12 -41.31	91.61 1.52 -69.57	62.10 2.45 -26.53	59.22 2.34 -27.26	113.85 2.40 -85.24	81.40 5.39 -10.18	96.61 6.98 0.00	105.77 8.45 0.00	78.24 6.61 -3.11	81.70 7.23 0.00	47.78 4.25 0.00	43.96 3.99 0.00	44.47 3.91 0.00	46.09 4.09 0.00	46.93 4.22 0.00	45.89 3.96 0.00	46.20 3.84 0.00	55.68 3.32 -18.59	59.30 3.59 -18.58	58.42 3.06 -24.60	46.89 1.93 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
CHAFEE__LFGE 323603	31.18 0.09 -26.67	37.57 0.10 -8.30	34.67 0.16 -13.98	38.34 -0.12 -5.33	35.24 0.15 -5.47	42.66 0.18 -16.27	66.84 -0.77 -1.78	70.33 -0.57 18.72	80.92 -1.17 15.23	67.80 -0.14 0.58	68.78 0.62 6.32	35.73 0.15 7.95	29.21 -0.12 10.63	29.97 -0.30 10.29	30.72 -0.20 11.08	34.69 -0.25 7.78	33.90 -0.42 7.60	34.12 -0.60 7.64	30.43 -0.05 3.29	33.08 -0.14 3.92	29.28 0.33 1.81	20.25 0.32 -1.70	31.33 0.14 4.72	28.92 0.46 -2.17
CHATEAUG_WT_PWR 323614	4.38 -0.05 0.00	29.05 -0.12 0.00	20.51 -0.02 0.00	33.17 0.05 0.00	29.66 0.06 0.02	23.49 -0.23 2.50	64.96 -0.11 0.76	89.68 0.05 0.00	97.68 0.36 0.00	68.24 -0.05 0.23	74.27 -0.21 0.00	43.45 -0.08 0.00	39.81 -0.15 0.00	40.33 -0.22 0.00	41.85 -0.15 0.00	42.61 -0.09 0.00	41.91 -0.02 0.00	42.51 0.15 0.00	33.66 -0.02 0.09	36.57 -0.37 0.19	30.07 -0.68 0.00	17.61 -0.63 0.00	35.05 -0.17 0.69	25.81 -0.18 0.30
CHAT_HIGH_FALL_HYD 323578	4.36 -0.07 0.00	28.92 -0.26 0.00	20.42 -0.11 0.00	33.03 -0.09 0.00	29.51 -0.09 0.02	23.35 -0.37 2.50	64.66 -0.40 0.76	89.30 -0.32 0.00	97.10 -0.22 0.00	67.75 -0.54 0.23	73.67 -0.80 0.00	43.07 -0.46 0.00	39.51 -0.46 0.00	40.01 -0.54 0.00	41.52 -0.47 0.00	42.26 -0.45 0.00	41.60 -0.33 0.00	42.24 -0.11 0.00	33.45 -0.23 0.09	36.40 -0.54 0.19	29.96 -0.80 0.00	17.60 -0.64 0.00	34.93 -0.30 0.69	25.66 -0.33 0.30
CHAUTAUQUA__LFGE 323629	31.71 0.11 -27.17	37.97 0.34 -8.46	35.05 0.28 -14.25	38.54 -0.01 -5.43	35.33 0.14 -5.58	43.15 0.35 -16.59	66.98 -0.67 -1.82	71.09 -0.59 17.94	81.30 -1.43 14.59	67.68 -0.32 0.52	68.89 0.47 6.05	35.98 0.07 7.62	29.60 -0.17 10.19	30.30 -0.40 9.86	31.05 -0.33 10.61	34.85 -0.41 7.45	33.97 -0.67 7.29	34.11 -0.92 7.32	30.66 -0.19 2.93	33.19 -0.41 3.53	29.45 0.13 1.44	20.35 0.15 -1.96	31.35 -0.15 4.41	28.93 0.41 -2.23
CH_MIDHUDSON__DRP 24192	148.96 0.36 -144.17	73.65 2.13 -42.34	93.36 1.53 -71.31	62.75 2.44 -27.19	59.90 2.31 -27.97	119.43 2.39 -90.83	82.82 5.50 -11.49	96.69 7.07 0.00	105.53 8.21 0.00	78.23 6.19 -3.51	81.12 6.64 0.00	47.32 3.78 0.00	43.48 3.52 0.00	43.96 3.41 0.00	45.50 3.51 0.00	46.36 3.65 0.00	45.40 3.47 0.00	45.79 3.44 0.00	55.97 3.02 -19.18	59.71 3.27 -19.31	58.77 2.80 -25.22	47.36 1.73 -27.39	49.86 3.17 -10.77	42.20 2.39 -13.52
CH_MISC_IPPS 23765	146.62 0.37 -141.82	73.05 2.24 -41.64	92.25 1.60 -70.12	62.41 2.55 -26.74	59.54 2.42 -27.50	116.73 2.51 -88.00	82.57 5.85 -10.90	97.17 7.54 0.00	106.05 8.73 0.00	78.43 6.58 -3.33	81.59 7.12 0.00	47.59 4.06 0.00	43.74 3.78 0.00	44.20 3.65 0.00	45.80 3.80 0.00	46.64 3.94 0.00	45.66 3.73 0.00	46.06 3.70 0.00	55.83 3.24 -18.81	59.55 3.53 -18.88	58.58 3.02 -24.80	47.03 1.86 -26.94	49.55 3.41 -10.22	41.97 2.54 -13.14
CH_RES_BVR_FALLS 23983	-0.84 -0.07 5.20	27.25 -0.27 1.65	17.63 -0.11 2.78	31.87 -0.19 1.06	28.27 -0.17 1.18	11.65 -0.21 14.35	61.73 -0.35 3.74	89.22 -0.40 0.00	96.85 -0.47 0.00	66.98 -0.41 1.13	74.03 -0.45 0.00	43.26 -0.27 0.00	39.71 -0.26 0.00	40.26 -0.29 0.00	41.60 -0.40 0.00	42.23 -0.47 0.00	41.47 -0.46 0.00	41.80 -0.55 0.00	31.88 -0.74 1.16	34.52 -1.03 1.58	28.92 -0.85 0.98	16.68 -0.49 1.07	31.47 -1.02 3.42	23.74 -0.72 1.83
CH_RES_NIAGARA 23895	28.77 -0.11 -24.45	35.46 -1.33 -7.61	32.56 -0.78 -12.82	36.34 -1.67 -4.89	33.40 -1.23 -5.02	39.86 -1.20 -14.84	63.30 -4.13 -1.61	66.72 -4.59 18.31	76.83 -5.58 14.91	64.53 -3.39 0.60	65.24 -3.05 6.19	33.78 -1.97 7.79	27.65 -1.91 10.41	28.53 -1.96 10.07	29.16 -2.00 10.84	32.90 -2.20 7.61	32.27 -2.22 7.44	32.60 -2.28 7.47	28.89 -1.44 3.45	31.47 -1.60 4.06	27.79 -0.89 2.08	19.41 -0.14 -1.32	30.34 -0.84 4.74	27.95 -0.30 -1.97
CH_RES_SYRACUSE 23985	19.94 0.05 -15.46	34.27 0.29 -4.81	28.84 0.21 -8.10	36.53 0.32 -3.09	33.20 0.42 -3.16	35.60 0.60 -8.78	67.99 1.34 -0.83	91.53 1.91 0.00	99.21 1.90 0.00	70.21 1.44 -0.25	76.36 1.88 0.00	44.58 1.05 0.00	40.90 0.94 0.00	41.52 0.96 0.00	43.02 1.03 0.00	43.72 1.01 0.00	42.89 0.96 0.00	43.27 0.92 0.00	36.71 0.83 -2.11	40.13 0.93 -2.07	34.48 0.83 -2.90	21.85 0.46 -3.15	37.41 0.70 -0.79	28.15 0.50 -1.36
CLINTON_WT_PWR 323605	4.38 -0.05 0.00	29.05 -0.12 0.00	20.51 -0.02 0.00	33.17 0.05 0.00	29.66 0.06 0.02	23.49 -0.23 2.50	64.96 -0.11 0.76	89.68 0.05 0.00	97.68 0.36 0.00	68.24 -0.05 0.23	74.27 -0.21 0.00	43.45 -0.08 0.00	39.81 -0.15 0.00	40.33 -0.22 0.00	41.85 -0.15 0.00	42.61 -0.09 0.00	41.91 -0.02 0.00	42.51 0.15 0.00	33.66 -0.02 0.09	36.57 -0.37 0.19	30.07 -0.68 0.00	17.61 -0.63 0.00	35.05 -0.17 0.69	25.81 -0.18 0.30
CLINTON__LFGE 323618	4.50 0.07 0.00	29.85 0.68 0.00	21.08 0.56 0.00	34.09 0.97 0.00	30.53 0.93 0.02	24.24 0.52 2.50	66.75 1.69 0.76	92.22 2.60 0.00	100.29 2.97 0.00	70.00 1.72 0.23	76.03 1.55 0.00	44.52 0.98 0.00	40.71 0.74 0.00	41.20 0.65 0.00	42.82 0.83 0.00	43.62 0.92 0.00	43.00 1.07 0.00	43.71 1.36 0.00	34.68 1.00 0.09	37.65 0.71 0.19	30.96 0.21 0.00	18.05 -0.18 0.00	35.91 0.69 0.69	26.50 0.51 0.30
COLONIE_LFGE__ 323577	190.77 0.30 -186.04	87.22 2.06 -55.99	116.27 1.45 -94.30	71.44 2.36 -35.96	69.10 2.14 -37.35	192.31 2.12 -163.98	98.79 4.42 -28.55	95.61 5.99 0.00	103.53 6.21 0.00	81.87 4.65 -8.71	78.24 3.76 0.00	46.20 2.67 0.00	42.33 2.37 0.00	42.99 2.44 0.00	44.43 2.43 0.00	45.39 2.68 0.00	44.88 2.95 0.00	45.33 2.98 0.00	63.36 2.57 -27.02	68.87 2.85 -28.89	66.38 2.28 -33.35	55.78 1.32 -36.22	64.94 2.64 -26.39	51.41 1.97 -23.15
COPENHAGEN_WT_PWR 323753	11.69 -0.04 -7.30	31.33 -0.11 -2.26	24.35 0.01 -3.81	34.53 -0.05 -1.45	31.15 0.05 -1.48	29.52 0.41 -2.89	67.90 2.07 0.00	92.58 2.95 0.00	99.76 2.44 0.00	69.80 1.28 0.00	75.37 0.90 0.00	44.04 0.51 0.00	40.28 0.32 0.00	40.60 0.05 0.00	41.73 -0.27 0.00	42.60 -0.11 0.00	42.09 0.16 0.00	41.95 -0.40 0.00	34.19 -0.57 -0.91	37.43 -0.62 -0.91	31.70 -0.47 -1.42	19.50 -0.28 -1.54	34.88 -1.05 -0.02	25.88 -0.91 -0.51

CORNELL____ 23752	36.77 0.16 -32.18	40.22 1.03 -10.02	38.13 0.73 -16.87	40.69 1.14 -6.43	37.41 1.18 -6.60	47.40 1.31 -19.88	71.09 3.04 -2.23	100.61 4.70 -6.28	107.47 4.74 -5.41	72.87 3.29 -1.06	80.78 4.04 -2.27	48.60 2.21 -2.86	45.75 1.98 -3.81	46.22 1.99 -3.68	48.03 2.07 -3.96	47.47 2.03 -2.73	46.38 1.93 -2.52	46.71 1.83 -2.52	41.95 1.67 -6.51	45.64 1.83 -6.68	40.41 1.57 -8.08	26.78 0.88 -7.67	41.47 1.46 -4.10	30.44 1.05 -3.10
COXSACKIE____GT 23611	156.10 0.42 -151.25	76.72 2.72 -44.82	97.95 1.94 -75.49	65.00 3.10 -28.79	62.15 2.83 -29.70	135.61 2.76 -106.63	87.56 6.38 -15.35	98.18 8.56 0.00	105.74 8.42 0.00	79.07 5.84 -4.71	80.65 6.17 0.00	47.32 3.79 0.00	43.43 3.47 0.00	43.99 3.44 0.00	45.35 3.36 0.00	46.28 3.57 0.00	45.70 3.77 0.00	46.33 3.98 0.00	57.88 3.41 -20.70	62.11 3.74 -21.24	60.54 3.09 -26.70	49.06 1.82 -28.99	53.66 3.45 -14.30	44.43 2.56 -15.58
CPV_VALLEY____CC1 323721	134.69 0.25 -130.01	69.01 1.47 -38.37	86.19 1.05 -64.62	59.42 1.66 -24.64	56.55 1.61 -25.32	106.68 1.76 -78.70	78.99 3.85 -9.31	94.46 4.83 0.00	103.09 5.77 0.00	75.82 4.46 -2.84	79.32 4.85 0.00	46.40 2.86 0.00	42.65 2.68 0.00	43.15 2.60 0.00	44.72 2.73 0.00	45.54 2.83 0.00	44.57 2.64 0.00	44.89 2.54 0.00	53.31 2.29 -17.25	56.84 2.49 -17.22	55.76 2.15 -22.85	44.43 1.37 -24.82	47.17 2.49 -8.76	39.99 1.88 -11.82
CPV_VALLEY____CC2 323722	134.69 0.25 -130.01	69.01 1.47 -38.37	86.19 1.05 -64.62	59.42 1.66 -24.64	56.55 1.61 -25.32	106.68 1.76 -78.70	78.99 3.85 -9.31	94.46 4.83 0.00	103.09 5.77 0.00	75.82 4.46 -2.84	79.32 4.85 0.00	46.40 2.86 0.00	42.65 2.68 0.00	43.15 2.60 0.00	44.72 2.73 0.00	45.54 2.83 0.00	44.57 2.64 0.00	44.89 2.54 0.00	53.31 2.29 -17.25	56.84 2.49 -17.22	55.76 2.15 -22.85	44.43 1.37 -24.82	47.17 2.49 -8.76	39.99 1.88 -11.82
CRESCENT____HYD 24018	190.77 0.30 -186.04	87.22 2.06 -55.99	116.27 1.45 -94.30	71.44 2.36 -35.96	69.10 2.14 -37.35	192.31 2.12 -163.98	98.79 4.42 -28.55	95.61 5.99 0.00	103.53 6.21 0.00	81.87 4.65 -8.71	78.24 3.76 0.00	46.20 2.67 0.00	42.33 2.37 0.00	42.99 2.44 0.00	44.43 2.43 0.00	45.39 2.68 0.00	44.88 2.95 0.00	45.33 2.98 0.00	63.36 2.57 -27.02	68.87 2.85 -28.89	66.38 2.28 -33.35	55.78 1.32 -36.22	64.94 2.64 -26.39	51.41 1.97 -23.15
CRICKET____VALLEY_CC1 323756	150.89 0.30 -146.16	73.80 1.83 -42.80	93.93 1.33 -72.08	62.73 2.12 -27.49	59.88 1.99 -28.27	118.89 2.08 -90.60	81.75 4.68 -11.25	95.55 5.93 0.00	104.30 6.98 0.00	77.26 5.31 -3.43	79.73 5.26 0.00	46.54 3.00 0.00	42.70 2.74 0.00	43.20 2.64 0.00	44.65 2.66 0.00	45.52 2.81 0.00	44.65 2.71 0.00	45.03 2.68 0.00	55.50 2.39 -19.34	59.11 2.56 -19.42	58.42 2.17 -25.49	47.28 1.36 -27.69	48.98 2.51 -10.55	41.78 1.97 -13.53
CRICKET____VALLEY_CC2 323757	150.89 0.30 -146.16	73.80 1.83 -42.80	93.93 1.33 -72.08	62.73 2.12 -27.49	59.88 1.99 -28.27	118.89 2.08 -90.60	81.75 4.68 -11.25	95.55 5.93 0.00	104.30 6.98 0.00	77.26 5.31 -3.43	79.73 5.26 0.00	46.54 3.00 0.00	42.70 2.74 0.00	43.20 2.64 0.00	44.65 2.66 0.00	45.52 2.81 0.00	44.65 2.71 0.00	45.03 2.68 0.00	55.50 2.39 -19.34	59.11 2.56 -19.42	58.42 2.17 -25.49	47.28 1.36 -27.69	48.98 2.51 -10.55	41.78 1.97 -13.53
CRICKET____VALLEY_CC3 323758	150.89 0.30 -146.16	73.80 1.83 -42.80	93.93 1.33 -72.08	62.73 2.12 -27.49	59.88 1.99 -28.27	118.89 2.08 -90.60	81.75 4.68 -11.25	95.55 5.93 0.00	104.30 6.98 0.00	77.26 5.31 -3.43	79.73 5.26 0.00	46.54 3.00 0.00	42.70 2.74 0.00	43.20 2.64 0.00	44.65 2.66 0.00	45.52 2.81 0.00	44.65 2.71 0.00	45.03 2.68 0.00	55.50 2.39 -19.34	59.11 2.56 -19.42	58.42 2.17 -25.49	47.28 1.36 -27.69	48.98 2.51 -10.55	41.78 1.97 -13.53
CRUCIBLE_METL_DRP 24180	19.94 0.05 -15.46	34.27 0.29 -4.81	28.84 0.21 -8.10	36.53 0.32 -3.09	33.20 0.42 -3.16	35.60 0.60 -8.78	67.99 1.34 -0.83	91.53 1.91 0.00	99.21 1.90 0.00	70.21 1.44 -0.25	76.36 1.88 0.00	44.58 1.05 0.00	40.90 0.94 0.00	41.52 0.96 0.00	43.02 1.03 0.00	43.72 1.01 0.00	42.89 0.96 0.00	43.27 0.92 0.00	36.71 0.83 -2.11	40.13 0.93 -2.07	34.48 0.83 -2.90	21.85 0.46 -3.15	37.41 0.70 -0.79	28.15 0.50 -1.36
DAHOWA____HYDRO 323763	196.39 0.36 -191.59	89.31 2.38 -57.75	119.47 1.68 -97.27	72.94 2.73 -37.09	70.69 2.53 -38.54	200.33 2.52 -171.60	101.60 5.57 -30.20	97.18 7.55 0.00	105.06 7.74 0.00	83.37 5.52 -9.33	79.86 5.38 0.00	47.12 3.58 0.00	43.21 3.25 0.00	44.02 3.46 0.00	45.45 3.46 0.00	46.24 3.53 0.00	45.83 3.90 0.00	46.41 4.06 0.00	65.28 3.54 -27.96	71.07 3.95 -29.98	68.30 3.15 -34.40	57.37 1.77 -37.36	67.33 3.51 -27.91	53.01 2.54 -24.18
DANC____LFGE 323619	13.33 -0.04 -8.95	31.74 -0.22 -2.78	25.11 -0.10 -4.68	34.71 -0.20 -1.79	31.35 -0.08 -1.82	30.10 0.34 -3.55	67.41 1.59 0.00	91.88 2.26 0.00	99.16 1.85 0.00	69.60 1.08 0.00	75.38 0.91 0.00	44.04 0.51 0.00	40.34 0.37 0.00	40.77 0.21 0.00	42.02 0.03 0.00	42.86 0.15 0.00	42.21 0.28 0.00	42.30 -0.06 0.00	34.82 -0.17 -1.21	38.09 -0.17 -1.12	32.41 -0.09 -1.74	20.06 -0.07 -1.90	35.40 -0.53 -0.02	26.42 -0.49 -0.62
DANSKAMMER____1 23586	146.62 0.37 -141.82	73.05 2.24 -41.64	92.25 1.60 -70.12	62.41 2.55 -26.74	59.54 2.42 -27.50	116.73 2.51 -88.00	82.57 5.85 -10.90	97.17 7.54 0.00	106.05 8.73 0.00	78.43 6.58 -3.33	81.59 7.12 0.00	47.59 4.06 0.00	43.74 3.78 0.00	44.20 3.65 0.00	45.80 3.80 0.00	46.64 3.94 0.00	45.66 3.73 0.00	46.06 3.70 0.00	55.83 3.24 -18.81	59.55 3.53 -18.88	58.58 3.02 -24.80	47.03 1.86 -26.94	49.55 3.41 -10.22	41.97 2.54 -13.14
DANSKAMMER____2 23589	146.62 0.37 -141.82	73.05 2.24 -41.64	92.25 1.60 -70.12	62.41 2.55 -26.74	59.54 2.42 -27.50	116.73 2.51 -88.00	82.57 5.85 -10.90	97.17 7.54 0.00	106.05 8.73 0.00	78.43 6.58 -3.33	81.59 7.12 0.00	47.59 4.06 0.00	43.74 3.78 0.00	44.20 3.65 0.00	45.80 3.80 0.00	46.64 3.94 0.00	45.66 3.73 0.00	46.06 3.70 0.00	55.83 3.24 -18.81	59.55 3.53 -18.88	58.58 3.02 -24.80	47.03 1.86 -26.94	49.55 3.41 -10.22	41.97 2.54 -13.14
DANSKAMMER____3 23590	146.62 0.37 -141.82	73.05 2.24 -41.64	92.25 1.60 -70.12	62.41 2.55 -26.74	59.54 2.42 -27.50	116.73 2.51 -88.00	82.57 5.85 -10.90	97.17 7.54 0.00	106.05 8.73 0.00	78.43 6.58 -3.33	81.59 7.12 0.00	47.59 4.06 0.00	43.74 3.78 0.00	44.20 3.65 0.00	45.80 3.80 0.00	46.64 3.94 0.00	45.66 3.73 0.00	46.06 3.70 0.00	55.83 3.24 -18.81	59.55 3.53 -18.88	58.58 3.02 -24.80	47.03 1.86 -26.94	49.55 3.41 -10.22	41.97 2.54 -13.14
DANSKAMMER____4 23591	146.62 0.37 -141.82	73.05 2.24 -41.64	92.25 1.60 -70.12	62.41 2.55 -26.74	59.54 2.42 -27.50	116.73 2.51 -88.00	82.57 5.85 -10.90	97.17 7.54 0.00	106.05 8.73 0.00	78.43 6.58 -3.33	81.59 7.12 0.00	47.59 4.06 0.00	43.74 3.78 0.00	44.20 3.65 0.00	45.80 3.80 0.00	46.64 3.94 0.00	45.66 3.73 0.00	46.06 3.70 0.00	55.83 3.24 -18.81	59.55 3.53 -18.88	58.58 3.02 -24.80	47.03 1.86 -26.94	49.55 3.41 -10.22	41.97 2.54 -13.14

DANSKAMMER___DIESEL 23592	146.62 0.37 -141.82	73.05 2.24 -41.64	92.25 1.60 -70.12	62.41 2.55 -26.74	59.54 2.42 -27.50	116.73 2.51 -88.00	82.57 5.85 -10.90	97.17 7.54 0.00	106.05 8.73 0.00	78.43 6.58 -3.33	81.59 7.12 0.00	47.59 4.06 0.00	43.74 3.78 0.00	44.20 3.65 0.00	45.80 3.80 0.00	46.64 3.94 0.00	45.66 3.73 0.00	46.06 3.70 0.00	55.83 3.24 -18.81	59.55 3.53 -18.88	58.58 3.02 -24.80	47.03 1.86 -26.94	49.55 3.41 -10.22	41.97 2.54 -13.14
DASHVILLE___HYD 23610	146.83 0.39 -142.01	73.39 2.33 -41.88	92.73 1.67 -70.54	62.68 2.66 -26.90	59.86 2.55 -27.69	120.78 2.67 -91.90	84.13 6.32 -11.99	97.82 8.20 0.00	106.73 9.41 0.00	79.19 7.00 -3.67	82.16 7.69 0.00	47.81 4.28 0.00	43.98 4.01 0.00	44.39 3.84 0.00	46.04 4.05 0.00	46.90 4.19 0.00	45.87 3.94 0.00	46.30 3.95 0.00	56.30 3.47 -19.05	60.18 3.79 -19.26	58.96 3.26 -24.95	47.34 2.00 -27.10	50.76 3.62 -11.22	42.59 2.67 -13.63
DELAWARE___LFGE 323621	64.34 0.20 -59.72	49.03 1.29 -18.57	52.72 0.92 -31.28	46.50 1.45 -11.93	43.35 1.42 -12.32	73.17 1.45 -45.51	75.90 3.31 -6.77	93.70 4.07 0.00	102.08 4.76 0.00	74.19 3.65 -2.02	78.63 4.16 0.00	45.84 2.31 0.00	42.08 2.12 0.00	42.60 2.05 0.00	44.14 2.14 0.00	44.86 2.15 0.00	43.92 1.99 0.00	44.26 1.91 0.00	44.26 1.68 -8.81	48.02 1.82 -9.06	43.47 1.66 -11.06	31.20 1.02 -11.94	44.00 1.79 -6.29	34.26 1.36 -6.61
DOGLEVILLE___HYD 23807	4.55 0.12 0.00	30.10 0.92 0.00	21.17 0.65 0.00	34.16 1.03 0.00	30.58 1.04 0.07	18.35 1.27 9.14	65.91 2.86 2.78	92.91 3.29 0.00	100.66 3.34 0.00	70.05 2.37 0.84	76.60 2.13 0.00	44.78 1.25 0.00	41.21 1.25 0.00	41.58 1.03 0.00	42.82 0.83 0.00	43.39 0.68 0.00	42.95 1.01 0.00	43.37 1.02 0.00	34.39 0.97 0.35	37.47 1.04 0.70	31.75 0.99 0.00	18.82 0.58 0.00	34.39 1.00 2.53	26.00 0.81 1.10
DUNKIRK___1 23563	31.66 0.09 -27.14	37.86 0.24 -8.45	34.97 0.22 -14.22	38.45 -0.09 -5.42	35.27 0.08 -5.57	43.07 0.29 -16.57	66.89 -0.76 -1.82	70.73 -0.66 18.24	81.02 -1.47 14.83	67.62 -0.36 0.54	68.79 0.47 6.16	35.84 0.05 7.75	29.44 -0.17 10.36	30.15 -0.39 10.02	30.90 -0.30 10.79	34.73 -0.40 7.58	33.87 -0.65 7.41	34.02 -0.90 7.44	30.55 -0.17 3.04	33.11 -0.37 3.66	29.37 0.17 1.55	20.32 0.18 -1.89	31.30 -0.09 4.52	28.93 0.41 -2.22
DUNKIRK___2 23564	31.66 0.09 -27.14	37.86 0.24 -8.45	34.97 0.22 -14.22	38.45 -0.09 -5.42	35.27 0.08 -5.57	43.07 0.29 -16.57	66.89 -0.76 -1.82	70.73 -0.66 18.24	81.02 -1.47 14.83	67.62 -0.36 0.54	68.79 0.47 6.16	35.84 0.05 7.75	29.44 -0.17 10.36	30.15 -0.39 10.02	30.90 -0.30 10.79	34.73 -0.40 7.58	33.87 -0.65 7.41	34.02 -0.90 7.44	30.55 -0.17 3.04	33.11 -0.37 3.66	29.37 0.17 1.55	20.32 0.18 -1.89	31.30 -0.09 4.52	28.93 0.41 -2.22
DUNKIRK___3 23565	31.22 0.06 -26.73	37.54 0.04 -8.32	34.63 0.09 -14.01	38.21 -0.25 -5.35	35.09 -0.01 -5.49	42.70 0.18 -16.31	66.64 -0.97 -1.79	67.40 -0.93 21.30	78.27 -1.72 17.34	67.29 -0.50 0.73	67.60 0.32 7.19	34.49 0.01 9.05	27.67 -0.19 12.10	28.45 -0.40 11.71	29.11 -0.28 12.61	33.49 -0.37 8.85	32.67 -0.61 8.65	32.85 -0.82 8.68	29.40 -0.13 4.24	31.89 -0.29 4.95	28.27 0.24 2.73	19.64 0.24 -1.17	30.35 0.03 5.59	28.85 0.42 -2.14
DUNKIRK___4 23566	31.22 0.06 -26.73	37.54 0.04 -8.32	34.63 0.09 -14.01	38.21 -0.25 -5.35	35.09 -0.01 -5.49	42.70 0.18 -16.31	66.64 -0.97 -1.79	67.40 -0.93 21.30	78.27 -1.72 17.34	67.29 -0.50 0.73	67.60 0.32 7.19	34.49 0.01 9.05	27.67 -0.19 12.10	28.45 -0.40 11.71	29.11 -0.28 12.61	33.49 -0.37 8.85	32.67 -0.61 8.65	32.85 -0.82 8.68	29.40 -0.13 4.24	31.89 -0.29 4.95	28.27 0.24 2.73	19.64 0.24 -1.17	30.35 0.03 5.59	28.85 0.42 -2.14
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	145.78 0.34 -141.02	72.52 2.04 -41.31	91.56 1.47 -69.57	62.00 2.34 -26.53	59.11 2.23 -27.26	113.77 2.32 -85.24	81.23 5.23 -10.18	96.38 6.76 0.00	105.35 8.04 0.00	77.82 6.19 -3.11	81.22 6.74 0.00	47.50 3.96 0.00	43.68 3.71 0.00	44.18 3.62 0.00	45.78 3.79 0.00	46.62 3.92 0.00	45.60 3.67 0.00	45.92 3.57 0.00	55.49 3.13 -18.59	59.10 3.38 -18.58	58.26 2.90 -24.60	46.77 1.81 -26.72	48.84 3.35 -9.57	41.57 2.50 -12.79
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	143.72 0.32 -138.97	71.96 1.94 -40.84	90.70 1.39 -68.79	61.55 2.20 -26.23	58.70 2.11 -26.97	114.12 2.24 -85.67	81.45 5.14 -10.49	96.16 6.54 0.00	104.94 7.63 0.00	77.51 5.78 -3.20	80.78 6.31 0.00	47.15 3.61 0.00	43.35 3.39 0.00	43.83 3.27 0.00	45.44 3.44 0.00	46.27 3.56 0.00	45.28 3.35 0.00	45.64 3.29 0.00	55.13 2.92 -18.43	58.79 3.18 -18.48	57.83 2.74 -24.33	46.37 1.71 -26.42	48.87 3.11 -9.85	41.43 2.33 -12.81
E179THST_138_KV_TB4_REV_LBMP_J 345001	145.82 0.37 -141.02	72.67 2.19 -41.31	91.65 1.55 -69.57	62.12 2.47 -26.53	59.22 2.34 -27.26	113.88 2.42 -85.25	81.38 5.37 -10.18	96.42 6.80 0.00	105.72 8.40 0.00	78.25 6.62 -3.11	81.61 7.13 -0.01	47.72 4.18 -0.01	43.90 3.93 0.00	44.42 3.86 0.00	46.01 4.02 -0.01	46.87 4.16 0.00	45.81 3.89 0.01	46.14 3.79 0.00	55.62 3.27 -18.58	59.21 3.50 -18.58	58.37 3.01 -24.60	46.87 1.91 -26.72	48.95 3.46 -9.57	41.66 2.58 -12.79
EAST HAMPTON___GT 23717	146.01 0.55 -141.03	73.94 3.45 -41.31	92.70 2.60 -69.58	63.89 4.24 -26.53	60.69 3.81 -27.27	115.11 3.64 -85.26	84.00 7.99 -10.19	100.32 10.69 0.00	109.41 12.09 0.00	80.77 8.95 -3.30	105.59 10.42 -20.69	65.79 6.13 -16.13	60.89 5.49 -15.43	53.55 5.37 -7.63	47.47 5.48 0.00	74.02 5.76 -25.56	47.26 5.33 0.00	47.47 5.12 0.00	56.79 4.43 -18.59	60.89 5.18 -18.58	61.14 4.36 -26.02	47.60 2.64 -26.73	70.15 5.32 -28.92	43.02 3.94 -12.79
EAST RIVER___6 23660	145.79 0.35 -141.01	72.57 2.09 -41.31	91.59 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.35 5.34 -10.18	96.52 6.90 0.00	105.69 8.37 0.00	78.20 6.57 -3.11	81.67 7.19 0.00	47.74 4.21 0.00	43.93 3.97 0.00	44.44 3.89 0.00	46.05 4.06 0.00	46.90 4.20 0.00	45.85 3.92 0.00	46.17 3.82 0.00	55.66 3.30 -18.59	59.28 3.57 -18.58	58.39 3.04 -24.60	46.87 1.92 -26.72	48.99 3.50 -9.57	41.70 2.62 -12.79
EAST RIVER___7 23524	145.79 0.35 -141.01	72.57 2.09 -41.31	91.59 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.35 5.34 -10.18	96.52 6.90 0.00	105.69 8.37 0.00	78.20 6.57 -3.11	81.67 7.19 0.00	47.74 4.21 0.00	43.93 3.97 0.00	44.44 3.89 0.00	46.05 4.06 0.00	46.90 4.20 0.00	45.85 3.92 0.00	46.17 3.82 0.00	55.66 3.30 -18.59	59.28 3.57 -18.58	58.39 3.04 -24.60	46.87 1.92 -26.72	48.99 3.50 -9.57	41.70 2.62 -12.79
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	145.59 0.33 -140.83	72.43 2.00 -41.26	91.44 1.43 -69.49	61.90 2.28 -26.50	59.02 2.18 -27.23	113.64 2.28 -85.14	81.14 5.14 -10.17	96.23 6.61 0.00	105.13 7.81 0.00	77.67 6.05 -3.10	81.03 6.56 0.00	47.36 3.83 0.00	43.54 3.57 0.00	44.05 3.50 0.00	45.64 3.64 0.00	46.50 3.79 0.00	45.47 3.54 0.00	45.80 3.45 0.00	55.37 3.03 -18.56	58.99 3.30 -18.55	58.14 2.81 -24.57	46.70 1.77 -26.69	48.72 3.24 -9.56	41.50 2.43 -12.77

EAST_HAMPTON___DIESEL 23722	146.01 0.55 -141.03	73.94 3.45 -41.31	92.71 2.61 -69.58	63.89 4.24 -26.53	60.70 3.81 -27.27	115.11 3.64 -85.26	84.01 8.00 -10.19	100.32 10.69 0.00	109.41 12.10 0.00	80.78 8.96 -3.30	105.59 10.43 -20.69	65.79 6.13 -16.13	60.90 5.50 -15.43	53.55 5.37 -7.63	47.47 5.48 0.00	74.04 5.77 -25.56	47.26 5.33 0.00	47.47 5.12 0.00	56.79 4.43 -18.59	60.90 5.18 -18.58	61.14 4.36 -26.02	47.60 2.64 -26.73	70.15 5.32 -28.92	43.02 3.94 -12.79
EAST_RIVER___1 323558	145.79 0.35 -141.01	72.60 2.12 -41.31	91.61 1.52 -69.57	62.10 2.45 -26.53	59.22 2.34 -27.26	113.85 2.40 -85.24	81.40 5.39 -10.18	96.61 6.98 0.00	105.77 8.45 0.00	78.24 6.61 -3.11	81.70 7.23 0.00	47.78 4.25 0.00	43.96 3.99 0.00	44.47 3.91 0.00	46.09 4.09 0.00	46.93 4.22 0.00	45.89 3.96 0.00	46.20 3.84 0.00	55.68 3.32 -18.59	59.30 3.59 -18.58	58.42 3.06 -24.60	46.89 1.93 -26.72	49.02 3.53 -9.57	41.73 2.65 -12.79
EAST_RIVER___2 323559	145.79 0.35 -141.01	72.57 2.09 -41.31	91.59 1.50 -69.57	62.08 2.43 -26.53	59.20 2.31 -27.26	113.84 2.38 -85.24	81.35 5.34 -10.18	96.52 6.90 0.00	105.69 8.37 0.00	78.20 6.57 -3.11	81.67 7.19 0.00	47.74 4.21 0.00	43.93 3.97 0.00	44.44 3.89 0.00	46.05 4.06 0.00	46.90 4.20 0.00	45.85 3.92 0.00	46.17 3.82 0.00	55.66 3.30 -18.59	59.28 3.57 -18.58	58.39 3.04 -24.60	46.87 1.92 -26.72	48.99 3.50 -9.57	41.70 2.62 -12.79
EAST___DELAWARE_HYD 23607	137.01 0.38 -132.20	70.60 2.34 -39.09	88.02 1.66 -65.84	60.86 2.63 -25.11	57.95 2.52 -25.82	111.60 2.64 -82.75	82.35 6.25 -10.27	97.70 8.08 0.00	106.45 9.13 0.00	78.43 6.78 -3.14	81.86 7.39 0.00	47.63 4.10 0.00	43.77 3.80 0.00	44.07 3.51 0.00	45.78 3.78 0.00	46.35 3.64 0.00	45.27 3.34 0.00	45.74 3.39 0.00	54.46 3.01 -17.67	58.21 3.34 -17.74	56.93 2.89 -23.28	45.32 1.79 -25.29	48.77 3.22 -9.63	41.01 2.37 -12.35
ELEC_TRO_TEK 24086	145.87 0.40 -141.03	72.93 2.44 -41.31	91.89 1.79 -69.58	62.48 2.83 -26.53	59.52 2.63 -27.27	114.11 2.64 -85.26	81.68 5.67 -10.19	97.11 7.48 0.00	106.30 8.99 0.00	78.73 6.92 -3.30	103.19 8.02 -20.69	64.37 4.71 -16.13	59.79 4.40 -15.43	52.39 4.21 -7.63	46.32 4.33 0.00	72.89 4.62 -25.56	46.09 4.16 0.00	46.39 4.04 0.00	55.89 3.53 -18.59	59.69 3.98 -18.58	60.17 3.39 -26.02	47.03 2.07 -26.73	68.79 3.96 -28.92	42.06 2.98 -12.79
ELLENBURG_WT_PWR 323604	4.38 -0.05 0.00	29.05 -0.12 0.00	20.51 -0.02 0.00	33.17 0.05 0.00	29.66 0.06 0.02	23.49 -0.23 2.50	64.96 -0.11 0.76	89.68 0.05 0.00	97.68 0.36 0.00	68.24 -0.05 0.23	74.27 -0.21 0.00	43.45 -0.08 0.00	39.81 -0.15 0.00	40.33 -0.22 0.00	41.85 -0.15 0.00	42.61 -0.09 0.00	41.91 -0.02 0.00	42.51 0.15 0.00	33.66 -0.02 0.09	36.57 -0.37 0.19	30.07 -0.68 0.00	17.61 -0.63 0.00	35.05 -0.17 0.69	25.81 -0.18 0.30
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.85 0.00 -25.42	36.60 -0.49 -7.91	33.62 -0.23 -13.33	37.45 -0.75 -5.08	34.41 -0.42 -5.22	41.29 -0.39 -15.47	65.36 -2.15 -1.69	64.93 -2.21 22.49	76.04 -2.97 18.31	66.25 -1.44 0.83	66.00 -0.87 7.60	33.28 -0.69 9.57	26.39 -0.79 12.78	27.28 -0.91 12.37	27.80 -0.88 13.31	32.36 -1.01 9.34	31.69 -1.12 9.13	31.96 -1.22 9.17	28.34 -0.57 4.87	30.85 -0.67 5.61	27.24 -0.12 3.40	19.02 0.12 -0.67	29.57 -0.25 6.09	28.45 0.17 -1.99
EMPIRE_CC_1 323656	175.90 0.26 -171.21	82.14 1.79 -51.17	107.97 1.27 -86.18	67.92 1.94 -32.86	65.41 1.76 -34.04	166.18 1.73 -138.24	91.84 3.46 -22.55	94.02 4.39 0.00	102.15 4.84 0.00	79.20 3.77 -6.91	77.28 2.81 0.00	45.56 2.03 0.00	41.73 1.76 0.00	42.33 1.77 0.00	43.76 1.77 0.00	44.76 2.05 0.00	44.22 2.29 0.00	44.61 2.26 0.00	60.00 1.98 -24.25	64.77 2.13 -25.51	62.95 1.72 -30.47	52.40 1.06 -33.10	58.92 2.11 -20.90	47.70 1.65 -19.76
EMPIRE_CC_2 323658	175.90 0.26 -171.21	82.14 1.79 -51.17	107.97 1.27 -86.18	67.92 1.94 -32.86	65.41 1.76 -34.04	166.18 1.73 -138.24	91.84 3.46 -22.55	94.02 4.39 0.00	102.15 4.84 0.00	79.20 3.77 -6.91	77.28 2.81 0.00	45.56 2.03 0.00	41.73 1.76 0.00	42.33 1.77 0.00	43.76 1.77 0.00	44.76 2.05 0.00	44.22 2.29 0.00	44.61 2.26 0.00	60.00 1.98 -24.25	64.77 2.13 -25.51	62.95 1.72 -30.47	52.40 1.06 -33.10	58.92 2.11 -20.90	47.70 1.65 -19.76
ERIE_WT_PWR 323693	30.45 0.06 -25.96	37.13 -0.13 -8.08	34.14 0.00 -13.61	37.94 -0.37 -5.19	34.87 -0.08 -5.33	41.99 -0.03 -15.81	66.22 -1.34 -1.73	66.35 -1.24 22.03	77.49 -1.89 17.94	67.10 -0.63 0.79	67.08 0.05 7.44	34.00 -0.17 9.37	27.11 -0.33 12.52	27.95 -0.49 12.11	28.53 -0.43 13.04	33.02 -0.53 9.15	32.28 -0.71 8.95	32.55 -0.82 8.98	28.93 -0.22 4.62	31.47 -0.31 5.35	27.81 0.19 3.13	19.37 0.25 -0.87	30.02 0.01 5.89	28.72 0.38 -2.05
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.62 0.16 -32.04	40.13 0.99 -9.97	38.02 0.71 -16.79	40.62 1.10 -6.41	37.34 1.15 -6.57	47.28 1.27 -19.80	70.96 2.92 -2.22	99.41 4.61 -5.17	105.69 4.56 -3.81	72.57 3.12 -0.94	79.90 3.82 -1.61	47.67 2.12 -2.02	44.55 1.88 -2.70	45.05 1.88 -2.61	46.79 1.99 -2.81	46.67 1.95 -2.02	45.94 1.89 -2.12	46.26 1.78 -2.13	41.51 1.63 -6.11	45.15 1.78 -6.24	39.97 1.52 -7.69	26.53 0.85 -7.44	41.07 1.41 -3.75	30.38 1.02 -3.07
E_CANADA_CAP_HY 24051	248.36 0.33 -243.59	105.23 1.97 -74.09	146.69 1.39 -124.77	82.99 2.28 -47.58	80.83 2.18 -49.03	197.55 1.94 -169.40	93.82 4.71 -23.29	97.06 7.44 0.00	104.71 7.39 0.00	80.54 5.34 -6.68	80.46 5.98 0.00	46.54 3.01 0.00	42.85 2.88 0.00	43.63 3.08 0.00	45.08 3.09 0.00	45.66 2.96 0.00	44.80 2.87 0.00	45.42 3.07 0.00	69.92 2.16 -33.99	74.06 2.31 -34.61	76.80 1.92 -44.12	67.53 1.37 -47.93	60.02 2.36 -21.74	53.00 1.78 -24.92
E_CANADA_MHWK_HY 24050	4.55 0.12 0.00	30.10 0.92 0.00	21.17 0.65 0.00	34.16 1.03 0.00	30.58 1.04 0.07	18.35 1.27 9.14	65.91 2.86 2.78	92.91 3.29 0.00	100.66 3.34 0.00	70.05 2.37 0.84	76.60 2.13 0.00	44.78 1.25 0.00	41.21 1.25 0.00	41.58 1.03 0.00	42.82 0.83 0.00	43.39 0.68 0.00	42.95 1.01 0.00	43.37 1.02 0.00	34.39 0.97 0.35	37.47 1.04 0.70	31.75 0.99 0.00	18.82 0.58 0.00	34.39 1.00 2.53	26.00 0.81 1.10
E_FISHKILL___LBMP 23776	147.51 0.31 -142.77	72.81 1.86 -41.77	92.21 1.34 -70.35	62.08 2.14 -26.83	59.22 2.03 -27.57	114.54 2.12 -86.21	80.89 4.77 -10.30	95.67 6.04 0.00	104.51 7.20 0.00	77.18 5.52 -3.15	80.34 5.87 0.00	46.94 3.40 0.00	43.13 3.17 0.00	43.64 3.09 0.00	45.18 3.19 0.00	46.02 3.31 0.00	45.05 3.12 0.00	45.40 3.05 0.00	55.26 2.70 -18.79	58.83 2.91 -18.79	58.13 2.49 -24.88	46.83 1.57 -27.02	48.47 2.88 -9.68	41.40 2.18 -12.94
FALCON___SEABRD_CC1 323796	4.51 0.08 0.00	29.90 0.73 0.00	21.11 0.59 0.00	34.15 1.03 0.00	30.58 0.99 0.02	24.27 0.55 2.50	66.73 1.66 0.76	92.14 2.52 0.00	100.33 3.01 0.00	70.08 1.79 0.23	76.14 1.66 0.00	44.64 1.10 0.00	40.81 0.85 0.00	41.29 0.73 0.00	42.90 0.91 0.00	43.76 1.06 0.00	43.09 1.16 0.00	43.76 1.41 0.00	34.70 1.02 0.09	37.64 0.70 0.19	30.95 0.19 0.00	18.03 -0.20 0.00	35.90 0.68 0.69	26.54 0.55 0.30

FALCON___SEABRD_CC2 323797	4.51 0.08 0.00	29.90 0.73 0.00	21.11 0.59 0.00	34.15 1.03 0.00	30.58 0.99 0.02	24.27 0.55 2.50	66.73 1.66 0.76	92.14 2.52 0.00	100.33 3.01 0.00	70.08 1.79 0.23	76.14 1.66 0.00	44.64 1.10 0.00	40.81 0.85 0.00	41.29 0.73 0.00	42.90 0.91 0.00	43.76 1.06 0.00	43.09 1.16 0.00	43.76 1.41 0.00	34.70 1.02 0.09	37.64 0.70 0.19	30.95 0.19 0.00	18.03 -0.20 0.00	35.90 0.68 0.69	26.54 0.55 0.30
FAR ROCKAWAY___4 23548	145.93 0.47 -141.03	73.12 2.63 -41.31	92.20 2.10 -69.58	62.96 3.30 -26.53	59.94 3.06 -27.27	114.43 2.96 -85.26	81.48 5.46 -10.19	96.84 7.21 0.00	107.22 9.91 0.00	79.74 7.93 -3.30	104.41 9.25 -20.69	65.04 5.37 -16.13	60.39 4.99 -15.43	52.97 4.79 -7.63	46.90 4.91 0.00	73.57 5.30 -25.56	46.75 4.82 0.00	47.06 4.70 0.00	56.44 4.08 -18.59	60.31 4.60 -18.58	60.68 3.91 -26.02	47.32 2.36 -26.73	69.35 4.52 -28.92	42.46 3.37 -12.79
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	145.84 0.39 -141.01	72.89 2.41 -41.31	91.81 1.72 -69.57	62.43 2.78 -26.53	59.50 2.63 -27.26	114.13 2.67 -85.24	82.13 6.12 -10.18	97.65 8.02 0.00	106.88 9.57 0.00	79.00 7.37 -3.11	82.55 8.07 0.00	48.23 4.69 0.00	44.37 4.40 0.00	44.87 4.32 0.00	46.51 4.52 0.00	47.38 4.67 0.00	46.31 4.38 0.00	46.64 4.29 0.00	56.05 3.69 -18.59	59.72 4.01 -18.58	58.78 3.42 -24.60	47.10 2.14 -26.72	49.42 3.93 -9.57	42.00 2.92 -12.79
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	145.80 0.36 -141.01	72.65 2.17 -41.31	91.65 1.55 -69.57	62.16 2.51 -26.53	59.26 2.38 -27.26	113.90 2.44 -85.24	81.51 5.50 -10.18	96.75 7.12 0.00	105.92 8.60 0.00	78.33 6.71 -3.11	81.82 7.34 0.00	47.82 4.29 0.00	44.00 4.03 0.00	44.51 3.96 0.00	46.13 4.14 0.00	46.97 4.26 0.00	45.93 4.00 0.00	46.25 3.90 0.00	55.73 3.37 -18.59	59.36 3.64 -18.58	58.47 3.11 -24.60	46.91 1.96 -26.72	49.08 3.59 -9.57	41.76 2.68 -12.79
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	145.80 0.35 -141.01	72.62 2.14 -41.31	91.62 1.53 -69.57	62.12 2.47 -26.53	59.23 2.35 -27.26	113.87 2.41 -85.24	81.43 5.42 -10.18	96.62 7.00 0.00	105.82 8.50 0.00	78.26 6.63 -3.11	81.74 7.27 0.00	47.78 4.25 0.00	43.96 3.99 0.00	44.48 3.92 0.00	46.09 4.10 0.00	46.93 4.23 0.00	45.89 3.96 0.00	46.21 3.85 0.00	55.69 3.33 -18.59	59.31 3.60 -18.58	58.42 3.07 -24.60	46.89 1.93 -26.72	49.03 3.54 -9.57	41.73 2.65 -12.79
FARRAGUT___LBMP 323566	145.84 0.39 -141.01	72.89 2.41 -41.31	91.81 1.72 -69.57	62.43 2.78 -26.53	59.50 2.63 -27.26	114.13 2.67 -85.24	82.13 6.12 -10.18	97.65 8.02 0.00	106.88 9.57 0.00	79.00 7.37 -3.11	82.55 8.07 0.00	48.23 4.69 0.00	44.37 4.40 0.00	44.87 4.32 0.00	46.51 4.52 0.00	47.38 4.67 0.00	46.31 4.38 0.00	46.64 4.29 0.00	56.05 3.69 -18.59	59.72 4.01 -18.58	58.78 3.42 -24.60	47.10 2.14 -26.72	49.42 3.93 -9.57	42.00 2.92 -12.79
FENNER___WINDPWR 24204	21.29 0.11 -16.75	35.09 0.72 -5.21	29.82 0.53 -8.77	37.30 0.84 -3.34	33.88 0.87 -3.40	33.73 0.98 -6.54	68.32 2.50 0.00	93.11 3.49 0.00	100.81 3.50 0.00	70.93 2.41 0.00	77.20 2.73 0.00	45.07 1.54 0.00	41.31 1.34 0.00	41.86 1.31 0.00	43.34 1.34 0.00	44.06 1.35 0.00	43.22 1.29 0.00	43.63 1.28 0.00	37.00 1.09 -2.13	40.30 1.20 -1.97	34.89 1.02 -3.12	22.19 0.57 -3.38	36.90 0.95 -0.04	28.04 0.64 -1.11
FIBERTEK___ENERGY 23856	19.94 0.05 -15.46	34.27 0.29 -4.81	28.84 0.21 -8.10	36.53 0.32 -3.09	33.20 0.42 -3.16	35.60 0.60 -8.78	67.99 1.34 -0.83	91.53 1.91 0.00	99.21 1.90 0.00	70.21 1.44 -0.25	76.36 1.88 0.00	44.58 1.05 0.00	40.90 0.94 0.00	41.52 0.96 0.00	43.02 1.03 0.00	43.72 1.01 0.00	42.89 0.96 0.00	43.27 0.92 0.00	36.71 0.83 -2.11	40.13 0.93 -2.07	34.48 0.83 -2.90	21.85 0.46 -3.15	37.41 0.70 -0.79	28.15 0.50 -1.36
FITZPATRICK____ 23598	13.69 -0.07 -9.34	31.55 -0.53 -2.91	25.06 -0.36 -4.89	34.43 -0.56 -1.87	31.10 -0.41 -1.90	29.53 -0.32 -3.64	64.87 -0.96 0.00	88.41 -1.21 0.00	95.94 -1.38 0.00	67.63 -0.89 0.00	73.62 -0.85 0.00	43.01 -0.52 0.00	39.48 -0.48 0.00	40.13 -0.43 0.00	41.56 -0.43 0.00	42.25 -0.46 0.00	41.46 -0.47 0.00	41.83 -0.52 0.00	34.64 -0.34 -1.20	37.87 -0.38 -1.11	32.20 -0.27 -1.72	19.94 -0.17 -1.87	35.48 -0.46 -0.02	26.58 -0.32 -0.61
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	146.89 0.38 -142.08	73.17 2.29 -41.70	92.39 1.64 -70.24	62.51 2.61 -26.78	59.63 2.47 -27.54	116.82 2.56 -88.04	82.66 5.95 -10.88	97.34 7.72 0.00	106.25 8.93 0.00	78.58 6.73 -3.33	81.74 7.27 0.00	47.68 4.15 0.00	43.82 3.85 0.00	44.28 3.73 0.00	45.86 3.87 0.00	46.71 4.00 0.00	45.74 3.82 0.00	46.14 3.78 0.00	55.91 3.30 -18.84	59.64 3.60 -18.91	58.67 3.08 -24.84	47.11 1.89 -26.98	49.59 3.47 -10.21	42.02 2.58 -13.15
FORT ORANGE____ 23900	182.25 0.29 -177.53	84.50 1.93 -53.40	111.82 1.37 -89.93	69.58 2.17 -34.29	67.16 1.96 -35.59	180.58 1.84 -152.53	95.56 3.68 -26.05	94.31 4.69 0.00	102.41 5.09 0.00	80.40 3.88 -8.00	77.72 3.25 0.00	45.75 2.22 0.00	41.98 2.02 0.00	42.56 2.01 0.00	43.94 1.95 0.00	44.88 2.17 0.00	44.29 2.36 0.00	44.75 2.39 0.00	61.46 2.06 -25.62	66.64 2.26 -27.25	64.40 1.84 -31.80	53.91 1.13 -34.54	62.19 2.17 -24.10	49.70 1.79 -21.62
FORT_DRUM_COGEN 23780	11.06 -0.02 -6.65	31.22 -0.01 -2.06	24.07 0.07 -3.47	34.50 0.05 -1.33	31.10 0.13 -1.35	29.29 0.44 -2.63	67.99 2.16 0.00	92.67 3.05 0.00	99.84 2.53 0.00	69.82 1.30 0.00	75.36 0.88 0.00	44.03 0.50 0.00	40.28 0.32 0.00	40.62 0.07 0.00	41.86 -0.13 0.00	42.78 0.07 0.00	42.25 0.32 0.00	42.27 -0.09 0.00	34.42 -0.26 -0.90	37.73 -0.24 -0.83	31.87 -0.18 -1.29	19.50 -0.14 -1.41	35.23 -0.70 -0.02	26.08 -0.67 -0.46
FPL_FAR_ROCK_GT1 24212	145.93 0.47 -141.03	73.12 2.63 -41.31	92.20 2.10 -69.58	62.96 3.30 -26.53	59.94 3.06 -27.27	114.43 2.96 -85.26	81.48 5.46 -10.19	96.84 7.21 0.00	107.22 9.91 0.00	79.74 7.93 -3.30	104.41 9.25 -20.69	65.04 5.37 -16.13	60.39 4.99 -15.43	52.97 4.79 -7.63	46.90 4.91 0.00	73.57 5.30 -25.56	46.75 4.82 0.00	47.06 4.70 0.00	56.44 4.08 -18.59	60.31 4.60 -18.58	60.68 3.91 -26.02	47.32 2.36 -26.73	69.35 4.52 -28.92	42.46 3.37 -12.79
FPL_FAR_ROCK_GT2 23815	145.93 0.47 -141.03	73.12 2.63 -41.31	92.20 2.10 -69.58	62.96 3.30 -26.53	59.94 3.06 -27.27	114.43 2.96 -85.26	81.48 5.46 -10.19	96.84 7.21 0.00	107.22 9.91 0.00	79.74 7.93 -3.30	104.41 9.25 -20.69	65.04 5.37 -16.13	60.39 4.99 -15.43	52.97 4.79 -7.63	46.90 4.91 0.00	73.57 5.30 -25.56	46.75 4.82 0.00	47.06 4.70 0.00	56.44 4.08 -18.59	60.31 4.60 -18.58	60.68 3.91 -26.02	47.32 2.36 -26.73	69.35 4.52 -28.92	42.46 3.37 -12.79
FRANKLIN_FALL_HYD 24054	4.40 -0.03 0.00	29.19 0.01 0.00	20.61 0.08 0.00	33.31 0.19 0.00	29.75 0.15 0.02	23.54 -0.19 2.49	65.42 0.35 0.76	90.36 0.73 0.00	97.99 0.67 0.00	68.37 0.08 0.23	74.36 -0.11 0.00	43.43 -0.10 0.00	39.82 -0.15 0.00	40.32 -0.23 0.00	41.79 -0.20 0.00	42.51 -0.19 0.00	41.88 -0.06 0.00	42.48 0.13 0.00	33.64 -0.03 0.09	36.70 -0.25 0.19	30.26 -0.49 0.00	17.80 -0.44 0.00	35.10 -0.13 0.69	25.78 -0.21 0.30

FREEPORT_EQUS_GT1 23764	145.88	73.02	91.95	62.57	59.59	114.19	81.87	97.36	106.54	79.01	103.28	64.50	59.91	52.50	46.42	73.04	46.07	46.54	56.03	59.88	60.33	47.16	68.97	42.28
	0.42	2.53	1.85	2.92	2.71	2.72	5.85	7.74	9.22	7.20	8.12	4.83	4.52	4.32	4.42	4.77	4.14	4.18	3.66	4.17	3.55	2.20	4.14	3.20
	-141.03	-41.31	-69.58	-26.53	-27.27	-85.26	-10.19	0.00	0.00	-3.30	-20.69	-16.13	-15.43	-7.63	0.00	-25.56	0.00	0.00	-18.59	-18.58	-26.02	-26.73	-28.92	-12.79
FREEPORT___CT2 23818	145.88	73.02	91.95	62.57	59.59	114.19	81.87	97.36	106.54	79.01	103.28	64.50	59.91	52.50	46.42	73.04	46.07	46.54	56.03	59.88	60.33	47.16	68.97	42.28
	0.42	2.53	1.85	2.92	2.71	2.72	5.85	7.74	9.22	7.20	8.12	4.83	4.52	4.32	4.42	4.77	4.14	4.18	3.66	4.17	3.55	2.20	4.14	3.20
	-141.03	-41.31	-69.58	-26.53	-27.27	-85.26	-10.19	0.00	0.00	-3.30	-20.69	-16.13	-15.43	-7.63	0.00	-25.56	0.00	0.00	-18.59	-18.58	-26.02	-26.73	-28.92	-12.79
FULTON COGEN____ 23766	16.18	32.67	26.59	35.31	31.96	31.44	67.54	92.00	99.42	70.05	76.41	44.58	40.94	41.53	42.99	43.76	42.90	43.31	36.22	39.55	33.92	21.21	36.57	27.57
	-0.02	-0.17	-0.10	-0.16	-0.05	0.53	1.72	2.38	2.10	1.53	1.93	1.05	0.97	0.97	0.99	1.05	0.97	0.96	0.83	0.93	0.85	0.45	0.63	0.46
	-11.77	-3.66	-6.17	-2.35	-2.39	-4.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-1.49	-2.32	-2.52	-0.03	-0.83
FULTON___LFGE 323630	238.36	103.62	142.26	82.56	80.21	201.22	100.10	104.62	113.37	88.50	85.67	50.10	45.39	46.11	47.22	48.66	48.51	47.92	71.06	75.76	77.11	66.73	64.10	54.63
	0.57	3.57	2.37	3.92	3.61	3.49	9.11	15.00	16.05	11.93	11.19	6.56	5.43	5.56	5.23	5.96	6.57	5.57	4.41	4.79	4.15	2.64	4.76	3.36
	-233.36	-70.88	-119.37	-45.52	-46.99	-171.52	-25.16	0.00	0.00	-8.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.87	-33.83	-42.21	-45.85	-23.42	-24.98
G.F.CEMENT___DRP 24184	197.66	89.71	120.15	73.19	70.99	202.07	102.13	97.41	105.29	83.56	80.37	47.49	43.54	44.46	45.96	46.69	46.28	46.86	65.92	71.79	68.90	57.80	68.03	53.49
	0.36	2.37	1.67	2.72	2.55	2.57	5.75	7.78	7.98	5.59	5.89	3.95	3.58	3.91	3.97	3.99	4.35	4.51	3.97	4.43	3.50	1.94	3.87	2.79
	-192.87	-58.16	-97.95	-37.35	-38.82	-173.30	-30.56	0.00	0.00	-9.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-28.18	-30.23	-34.64	-37.62	-28.24	-24.41
GARDENVILLE___LBMP 24039	30.40	36.99	34.04	37.80	34.73	41.85	65.92	63.13	74.71	66.60	65.78	32.58	25.30	26.21	26.66	31.66	30.97	31.22	27.73	30.16	26.64	18.72	28.94	28.58
	0.04	-0.25	-0.08	-0.51	-0.20	-0.15	-1.63	-1.61	-2.34	-0.95	-0.29	-0.36	-0.52	-0.66	-0.60	-0.71	-0.86	-0.99	-0.36	-0.46	0.05	0.19	-0.10	0.28
	-25.93	-8.07	-13.59	-5.18	-5.32	-15.79	-1.73	24.88	20.27	0.96	8.41	10.59	14.15	13.69	14.74	10.34	10.10	10.14	5.69	6.51	4.17	-0.29	6.87	-2.00
GENERAL___MILLS 23808	30.44	37.10	34.12	37.91	34.84	41.97	66.17	66.27	77.41	67.03	67.04	33.96	27.07	27.92	28.50	32.99	32.26	32.51	28.91	31.44	27.79	19.35	30.01	28.70
	0.05	-0.15	-0.01	-0.40	-0.10	-0.05	-1.38	-1.32	-1.97	-0.69	0.01	-0.20	-0.37	-0.52	-0.46	-0.57	-0.72	-0.86	-0.25	-0.34	0.16	0.24	-0.01	0.36
	-25.96	-8.08	-13.61	-5.19	-5.33	-15.81	-1.73	22.03	17.94	0.79	7.44	9.37	12.52	12.11	13.04	9.15	8.95	8.98	4.62	5.35	3.13	-0.87	5.89	-2.05
GE_PLASTICS___DRP 24183	177.95	82.76	109.36	68.24	65.86	175.34	94.01	93.52	101.69	79.55	77.46	45.44	41.71	42.26	43.68	44.53	43.87	44.30	60.47	65.51	63.35	52.91	60.88	48.63
	0.22	1.45	1.04	1.64	1.51	1.50	3.14	3.89	4.38	3.34	2.99	1.90	1.74	1.70	1.68	1.82	1.94	1.95	1.73	1.87	1.55	0.95	1.79	1.39
	-173.29	-52.13	-87.79	-33.48	-34.73	-147.63	-25.05	0.00	0.00	-7.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-24.97	-26.51	-31.05	-33.72	-23.18	-20.95
GILBOA___1 23756	127.45	69.75	87.66	59.79	56.85	101.43	76.04	92.76	101.30	73.90	77.71	45.43	41.72	42.25	43.74	44.49	43.64	44.00	52.67	55.86	55.56	44.56	44.59	38.81
	0.16	1.24	0.88	1.41	1.32	1.28	2.72	3.14	3.99	3.10	3.23	1.90	1.75	1.69	1.75	1.78	1.71	1.65	1.47	1.59	1.38	0.87	1.57	1.21
	-122.86	-39.34	-66.26	-25.27	-25.91	-73.95	-7.49	0.00	0.00	-2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.43	-17.14	-23.43	-25.45	-7.11	-11.31
GILBOA___2 23757	127.45	69.75	87.66	59.79	56.85	101.43	76.04	92.76	101.30	73.90	77.71	45.43	41.72	42.25	43.74	44.49	43.64	44.00	52.67	55.86	55.56	44.56	44.59	38.81
	0.16	1.24	0.88	1.41	1.32	1.28	2.72	3.14	3.99	3.10	3.23	1.90	1.75	1.69	1.75	1.78	1.71	1.65	1.47	1.59	1.38	0.87	1.57	1.21
	-122.86	-39.34	-66.26	-25.27	-25.91	-73.95	-7.49	0.00	0.00	-2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.43	-17.14	-23.43	-25.45	-7.11	-11.31
GILBOA___3 23758	127.45	69.75	87.66	59.79	56.85	101.43	76.04	92.76	101.30	73.90	77.71	45.43	41.72	42.25	43.74	44.49	43.64	44.00	52.67	55.86	55.56	44.56	44.59	38.81
	0.16	1.24	0.88	1.41	1.32	1.28	2.72	3.14	3.99	3.10	3.23	1.90	1.75	1.69	1.75	1.78	1.71	1.65	1.47	1.59	1.38	0.87	1.57	1.21
	-122.86	-39.34	-66.26	-25.27	-25.91	-73.95	-7.49	0.00	0.00	-2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.43	-17.14	-23.43	-25.45	-7.11	-11.31
GILBOA___4 23759	127.45	69.75	87.66	59.79	56.85	101.43	76.04	92.76	101.30	73.90	77.71	45.43	41.72	42.25	43.74	44.49	43.64	44.00	52.67	55.86	55.56	44.56	44.59	38.81
	0.16	1.24	0.88	1.41	1.32	1.28	2.72	3.14	3.99	3.10	3.23	1.90	1.75	1.69	1.75	1.78	1.71	1.65	1.47	1.59	1.38	0.87	1.57	1.21
	-122.86	-39.34	-66.26	-25.27	-25.91	-73.95	-7.49	0.00	0.00	-2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.43	-17.14	-23.43	-25.45	-7.11	-11.31
GILBOA____ 23599	127.45	69.75	87.66	59.79	56.85	101.43	76.04	92.76	101.30	73.90	77.71	45.43	41.72	42.25	43.74	44.49	43.64	44.00	52.67	55.86	55.56	44.56	44.59	38.81
	0.16	1.24	0.88	1.41	1.32	1.28	2.72	3.14	3.99	3.10	3.23	1.90	1.75	1.69	1.75	1.78	1.71	1.65	1.47	1.59	1.38	0.87	1.57	1.21
	-122.86	-39.34	-66.26	-25.27	-25.91	-73.95	-7.49	0.00	0.00	-2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.43	-17.14	-23.43	-25.45	-7.11	-11.31
GINNA_____ 23603	21.29	33.17	28.59	35.05	31.94	35.29	64.17	86.42	93.64	66.47	72.20	42.13	38.64	39.23	40.62	41.25	40.44	40.79	35.03	38.30	33.10	21.32	35.65	26.99
	-0.17	-1.30	-0.86	-1.48	-1.17	-0.98	-2.69	-3.21	-3.68	-2.36	-2.27	-1.40	-1.32	-1.33	-1.38	-1.46	-1.50	-1.56	-1.07	-1.13	-0.82	-0.48	-1.24	-0.84
	-17.03	-5.30	-8.93	-3.40	-3.49	-10.06	-1.04	0.00	0.00	-0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.33	-2.30	-3.16	-3.57	-0.98	-1.54
GLEN PARK_____ 23778	11.38	31.39	24.27	34.65	31.25	29.52	68.31	93.14	100.26	70.10	75.61	44.19	40.42	40.75	42.01	42.97	42.45	42.47	34.63	37.96	32.10	19.66	35.39	26.21
	0.00	0.06	0.12	0.14	0.22	0.56	2.49	3.52	2.94	1.58	1.13	0.66	0.46	0.19	0.02	0.27	0.52	0.11	-0.08	-0.04	-0.01	-0.05	-0.54	-0.56
	-6.95	-2.16	-3.63	-1.39	-1.41	-2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-0.87	-1.35	-1.47	-0.02	-0.48

GLENWOOD_IC_1_G5 23712	145.87 0.40 -141.03	72.91 2.42 -41.31	91.86 1.75 -69.58	62.45 2.80 -26.53	59.51 2.62 -27.27	114.12 2.65 -85.26	81.88 5.87 -10.19	97.36 7.73 0.00	106.48 9.17 0.00	78.84 7.02 -3.30	103.18 8.02 -20.69	64.35 4.69 -16.13	59.78 4.38 -15.43	52.42 4.24 -7.63	46.37 4.37 0.00	72.89 4.62 -25.56	46.18 4.25 0.00	46.49 4.14 0.00	55.96 3.60 -18.59	59.71 4.00 -18.58	60.18 3.40 -26.02	47.04 2.08 -26.73	68.73 3.90 -28.92	42.00 2.91 -12.79
GLENWOOD_IC_2_G1 23688	145.84 0.38 -141.03	72.76 2.27 -41.31	91.74 1.64 -69.58	62.27 2.61 -26.53	59.34 2.46 -27.27	113.98 2.51 -85.26	81.55 5.54 -10.19	96.85 7.22 0.00	105.93 8.61 0.00	78.48 6.66 -3.30	102.66 7.49 -20.69	64.05 4.39 -16.13	59.50 4.10 -15.43	52.16 3.97 -7.63	46.11 4.12 0.00	72.59 4.33 -25.56	45.92 3.99 0.00	46.24 3.88 0.00	55.75 3.39 -18.59	59.46 3.74 -18.58	59.97 3.19 -26.02	46.93 1.97 -26.73	68.50 3.67 -28.92	41.83 2.75 -12.79
GLENWOOD_IC_3_G1 23689	145.84 0.38 -141.03	72.76 2.27 -41.31	91.74 1.64 -69.58	62.27 2.61 -26.53	59.34 2.46 -27.27	113.98 2.51 -85.26	81.55 5.54 -10.19	96.85 7.22 0.00	105.93 8.61 0.00	78.48 6.66 -3.30	102.66 7.49 -20.69	64.05 4.39 -16.13	59.50 4.10 -15.43	52.16 3.97 -7.63	46.11 4.12 0.00	72.59 4.33 -25.56	45.92 3.99 0.00	46.24 3.88 0.00	55.75 3.39 -18.59	59.46 3.74 -18.58	59.97 3.19 -26.02	46.93 1.97 -26.73	68.50 3.67 -28.92	41.83 2.75 -12.79
GLENWOOD___4 23550	145.87 0.40 -141.03	72.91 2.42 -41.31	91.86 1.75 -69.58	62.45 2.80 -26.53	59.51 2.62 -27.27	114.12 2.65 -85.26	81.88 5.87 -10.19	97.36 7.73 0.00	106.48 9.17 0.00	78.84 7.02 -3.30	103.18 8.02 -20.69	64.35 4.69 -16.13	59.78 4.38 -15.43	52.42 4.24 -7.63	46.37 4.37 0.00	72.89 4.62 -25.56	46.18 4.25 0.00	46.49 4.14 0.00	55.96 3.60 -18.59	59.71 4.00 -18.58	60.18 3.40 -26.02	47.04 2.08 -26.73	68.73 3.90 -28.92	42.00 2.91 -12.79
GLENWOOD___5 23614	145.87 0.40 -141.03	72.91 2.42 -41.31	91.86 1.75 -69.58	62.45 2.80 -26.53	59.51 2.62 -27.27	114.12 2.65 -85.26	81.88 5.87 -10.19	97.36 7.73 0.00	106.48 9.17 0.00	78.84 7.02 -3.30	103.18 8.02 -20.69	64.35 4.69 -16.13	59.78 4.38 -15.43	52.42 4.24 -7.63	46.37 4.37 0.00	72.89 4.62 -25.56	46.18 4.25 0.00	46.49 4.14 0.00	55.96 3.60 -18.59	59.71 4.00 -18.58	60.18 3.40 -26.02	47.04 2.08 -26.73	68.73 3.90 -28.92	42.00 2.91 -12.79
GLOBAL GREEN_PORT_GT1 23814	146.01 0.55 -141.03	73.92 3.43 -41.31	92.68 2.58 -69.58	63.86 4.20 -26.53	60.66 3.77 -27.27	115.08 3.61 -85.26	83.95 7.94 -10.19	100.25 10.62 0.00	109.32 12.00 0.00	80.73 8.92 -3.30	105.53 10.36 -20.69	65.77 6.11 -16.13	60.84 5.44 -15.43	53.50 5.32 -7.63	47.40 5.40 0.00	73.96 5.70 -25.56	47.21 5.28 0.00	47.41 5.06 0.00	56.75 4.39 -18.59	60.84 5.13 -18.58	61.11 4.33 -26.02	47.57 2.61 -26.73	70.09 5.26 -28.92	42.97 3.89 -12.79
GLOBE___DSASP 323697	28.48 -0.15 -24.19	35.17 -1.55 -7.54	32.29 -0.93 -12.69	36.07 -1.90 -4.85	33.14 -1.45 -4.98	39.50 -1.40 -14.68	62.79 -4.63 -1.59	66.42 -5.06 18.15	76.38 -6.16 14.77	64.03 -3.89 0.60	64.73 -3.61 6.13	33.59 -2.23 7.72	27.52 -2.13 10.31	28.43 -2.15 9.98	29.08 -2.18 10.74	32.83 -2.34 7.54	32.22 -2.34 7.37	32.56 -2.40 7.40	28.82 -1.56 3.39	31.39 -1.73 4.00	27.71 -1.02 2.03	19.30 -0.25 -1.31	30.19 -1.03 4.69	27.78 -0.46 -1.95
GOETHSLN___LBMP 323567	44.92 0.32 -40.17	49.87 1.91 -18.79	46.57 1.37 -24.67	-208.25 2.22 243.59	43.28 2.12 -11.54	62.31 2.22 -33.88	73.96 4.97 -3.17	73.05 6.35 22.93	60.69 7.76 44.38	72.48 6.16 2.20	39.08 6.78 42.17	39.53 3.98 7.98	43.60 3.77 0.14	39.51 3.68 4.73	44.42 3.88 1.46	39.53 4.02 7.20	39.03 3.73 6.63	39.01 3.58 6.92	39.02 3.19 -2.05	57.39 3.44 -16.82	58.22 2.95 -24.51	39.51 1.87 -19.41	40.89 3.44 -1.54	39.28 2.58 -10.40
GOODYEAR_LAKE_HYD 323669	45.53 0.24 -40.85	43.37 1.54 -12.65	42.93 1.09 -21.31	42.98 1.73 -8.13	39.86 1.69 -8.55	78.03 1.70 -50.12	80.36 4.11 -10.43	95.04 5.42 0.00	103.44 6.12 0.00	76.20 4.61 -3.07	79.85 5.37 0.00	46.44 2.91 0.00	42.62 2.65 0.00	43.17 2.61 0.00	44.73 2.74 0.00	45.39 2.69 0.00	44.41 2.47 0.00	44.74 2.38 0.00	42.53 2.00 -6.75	46.96 2.16 -7.67	40.21 1.92 -7.54	27.55 1.20 -8.12	47.56 2.06 -9.58	34.62 1.53 -6.80
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.89 0.10 -45.36	43.93 0.63 -14.12	44.76 0.45 -23.78	42.84 0.65 -9.07	39.65 0.72 -9.32	55.74 0.93 -28.60	70.92 1.78 -3.32	93.08 3.46 0.00	100.73 3.41 0.00	72.29 2.84 -0.93	78.17 3.70 0.00	45.53 2.00 0.00	41.53 1.56 0.00	41.68 1.12 0.00	43.27 1.28 0.00	43.96 1.25 0.00	43.01 1.07 0.00	43.25 0.89 0.00	41.18 1.03 -6.39	44.54 1.05 -6.36	40.30 1.13 -8.41	27.86 0.64 -8.98	40.07 1.03 -3.12	31.42 0.83 -4.31
GOUDEY___7 23579	49.89 0.10 -45.36	43.96 0.66 -14.12	44.77 0.47 -23.78	42.87 0.68 -9.07	39.68 0.74 -9.32	55.77 0.95 -28.60	71.00 1.86 -3.32	93.18 3.55 0.00	100.83 3.51 0.00	72.36 2.91 -0.93	78.26 3.79 0.00	45.58 2.04 0.00	41.57 1.61 0.00	41.72 1.16 0.00	43.32 1.32 0.00	44.00 1.29 0.00	43.05 1.12 0.00	43.29 0.94 0.00	41.22 1.06 -6.39	44.58 1.09 -6.36	40.33 1.16 -8.41	27.88 0.66 -8.98	40.11 1.07 -3.12	31.44 0.85 -4.31
GOUDEY___8 23580	49.89 0.10 -45.36	43.93 0.63 -14.12	44.76 0.45 -23.78	42.84 0.65 -9.07	39.65 0.72 -9.32	55.74 0.93 -28.60	70.92 1.78 -3.32	93.08 3.46 0.00	100.73 3.41 0.00	72.29 2.84 -0.93	78.17 3.70 0.00	45.53 2.00 0.00	41.53 1.56 0.00	41.68 1.12 0.00	43.27 1.28 0.00	43.96 1.25 0.00	43.01 1.07 0.00	43.25 0.89 0.00	41.18 1.03 -6.39	44.54 1.05 -6.36	40.30 1.13 -8.41	27.86 0.64 -8.98	40.07 1.03 -3.12	31.42 0.83 -4.31
GOWANUS_GT1_1 24077	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT1_2 24078	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT1_3 24079	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79

GOWANUS_GT1_4 24080	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT1_5 24084	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT1_6 24111	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT1_7 24112	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT1_8 24113	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT2_1 24114	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT2_2 24115	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79



GOWANUS_GT3_3 24124	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT3_4 24125	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT3_5 24126	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT3_6 24127	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT3_7 24128	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT3_8 24129	145.81 0.36 -141.02	72.59 2.10 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.17 2.29 -27.26	113.82 2.36 -85.25	81.14 5.14 -10.18	96.14 6.52 0.00	105.34 8.03 0.00	78.17 6.54 -3.11	81.58 7.10 0.00	47.75 4.23 0.01	43.94 3.98 0.00	44.43 3.87 -0.01	46.04 4.05 0.01	46.91 4.20 0.00	45.85 3.93 0.01	46.17 3.82 0.01	55.63 3.27 -18.59	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT4_1 24130	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT4_2 24131	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT4_3 24132	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT4_4 24133	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT4_5 24134	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT4_6 24135	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT4_7 24136	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GOWANUS_GT4_8 24137	145.81 0.36 -141.02	72.59 2.11 -41.31	91.60 1.50 -69.57	62.06 2.41 -26.53	59.18 2.29 -27.26	113.83 2.37 -85.25	81.15 5.14 -10.18	96.16 6.54 0.00	105.35 8.04 0.00	78.17 6.54 -3.11	83.77 7.11 -2.19	49.79 4.23 -2.03	56.37 3.98 -12.42	59.39 3.87 -14.97	53.74 4.05 -7.69	67.22 4.21 -20.31	51.67 3.93 -5.82	47.41 3.83 -1.23	55.69 3.27 -18.65	59.24 3.53 -18.58	58.40 3.04 -24.60	46.88 1.92 -26.72	49.02 3.53 -9.57	41.62 2.54 -12.79
GREENIDGE___3 23582	33.13 0.11 -28.59	38.69 0.62 -8.90	35.97 0.46 -14.99	39.46 0.62 -5.72	36.24 0.75 -5.87	44.64 0.93 -17.49	69.52 1.77 -1.93	116.79 2.02 -25.15	119.87 1.81 -20.75	72.59 1.98 -2.09	85.64 2.55 -8.61	55.86 1.48 -10.84	55.73 1.29 -14.47	55.64 1.10 -13.98	58.32 1.27 -15.05	54.52 1.28 -10.53	53.15 1.06 -10.16	53.44 0.88 -10.20	48.03 1.00 -13.25	52.22 1.08 -14.01	46.16 1.09 -14.31	30.09 0.58 -11.27	47.09 0.83 -10.34	30.00 0.67 -3.05

GREENIDGE___4 23583	33.13 0.11 -28.59	38.69 0.62 -8.90	35.97 0.46 -14.99	39.46 0.62 -5.72	36.24 0.75 -5.87	44.64 0.93 -17.49	69.52 1.77 -1.93	116.79 2.02 -25.15	119.87 1.81 -20.75	72.59 1.98 -2.09	85.64 2.55 -8.61	55.86 1.48 -10.84	55.73 1.29 -14.47	55.64 1.10 -13.98	58.32 1.27 -15.05	54.52 1.28 -10.53	53.15 1.06 -10.16	53.44 0.88 -10.20	48.03 1.00 -13.25	52.22 1.08 -14.01	46.16 1.09 -14.31	30.09 0.58 -11.27	47.09 0.83 -10.34	30.00 0.67 -3.05
GREENWD_138_KV_38B11_REV_LBMP_J 345004	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
GROVEVILLE___HYD 323602	146.89 0.38 -142.08	73.17 2.29 -41.70	92.39 1.64 -70.24	62.51 2.61 -26.78	59.63 2.47 -27.54	116.82 2.56 -88.04	82.66 5.95 -10.88	97.34 7.72 0.00	106.25 8.93 0.00	78.58 6.73 -3.33	81.74 7.27 0.00	47.68 4.15 0.00	43.82 3.85 0.00	44.28 3.73 0.00	45.86 3.87 0.00	46.71 4.00 0.00	45.74 3.82 0.00	46.14 3.78 0.00	55.91 3.30 -18.84	59.64 3.60 -18.91	58.67 3.08 -24.84	47.11 1.89 -26.98	49.59 3.47 -10.21	42.02 2.58 -13.15
HAMPSHIRE___PAPER_HYD 323593	4.30 -0.13 0.00	28.42 -0.76 0.00	20.05 -0.47 0.00	32.34 -0.79 0.00	28.86 -0.74 0.02	23.29 -0.87 2.06	64.19 -0.89 0.74	88.44 -1.19 0.00	95.54 -1.78 0.00	66.56 -1.73 0.22	72.29 -2.19 0.00	42.22 -1.32 0.00	38.68 -1.29 0.00	39.13 -1.42 0.00	40.46 -1.54 0.00	41.25 -1.46 0.00	40.69 -1.25 0.00	41.04 -1.31 0.00	32.85 -1.21 -0.28	36.01 -1.27 -0.15	30.14 -1.14 -0.53	18.06 -0.74 -0.57	33.78 -1.46 0.67	25.01 -1.17 0.10
HARDSCRABBLE_WT_PWR 323673	4.52 0.09 0.00	29.84 0.67 0.00	20.99 0.46 0.00	33.88 0.76 0.00	30.33 0.79 0.07	18.09 1.01 9.14	65.34 2.21 2.78	92.34 2.72 0.00	100.18 2.86 0.00	69.72 2.04 0.84	76.37 1.90 0.00	44.64 1.11 0.00	41.05 1.09 0.00	41.45 0.90 0.00	42.73 0.73 0.00	43.22 0.51 0.00	42.67 0.74 0.00	42.94 0.59 0.00	33.89 0.47 0.35	36.90 0.47 0.70	31.28 0.52 0.00	18.54 0.30 0.00	33.86 0.48 2.53	25.69 0.50 1.10
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	140.45 0.31 -135.71	70.95 1.89 -39.89	89.05 1.35 -67.18	60.88 2.14 -25.62	58.00 2.05 -26.33	110.50 2.21 -82.08	80.55 4.96 -9.76	95.97 6.34 0.00	104.68 7.36 0.00	77.11 5.61 -2.98	80.59 6.12 0.00	47.10 3.57 0.00	43.31 3.35 0.00	43.81 3.26 0.00	45.44 3.44 0.00	46.23 3.52 0.00	45.22 3.29 0.00	45.53 3.18 0.00	54.61 2.86 -17.97	58.22 3.13 -17.95	57.26 2.70 -23.80	45.77 1.69 -25.85	48.18 3.08 -9.19	40.93 2.30 -12.34
HARZA MOOSE___RIVER 24016	4.52 0.09 0.00	29.77 0.60 0.00	20.96 0.44 0.00	33.82 0.70 0.00	30.26 0.69 0.05	21.10 0.78 5.89	66.28 2.25 1.79	92.76 3.14 0.00	100.44 3.13 0.00	70.00 2.03 0.54	76.60 2.12 0.00	44.75 1.21 0.00	40.98 1.02 0.00	41.52 0.96 0.00	43.00 1.00 0.00	43.74 1.04 0.00	43.05 1.12 0.00	43.44 1.09 0.00	34.43 0.88 0.22	37.69 1.01 0.45	31.61 0.85 0.00	18.69 0.45 0.00	34.99 0.71 1.63	26.03 0.44 0.71
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	145.83 0.38 -141.02	72.73 2.25 -41.31	91.69 1.60 -69.57	62.21 2.56 -26.53	59.31 2.43 -27.26	113.96 2.50 -85.25	81.51 5.51 -10.18	96.71 7.08 0.00	105.98 8.66 0.00	78.49 6.86 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.52 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
HEMPSTEAD____ 23647	145.86 0.40 -141.03	72.87 2.39 -41.31	91.85 1.75 -69.58	62.42 2.76 -26.53	59.46 2.58 -27.27	114.07 2.61 -85.26	81.65 5.64 -10.19	97.08 7.45 0.00	106.22 8.90 0.00	78.67 6.86 -3.30	103.06 7.90 -20.69	64.30 4.64 -16.13	59.72 4.33 -15.43	52.34 4.16 -7.63	46.25 4.26 0.00	72.84 4.57 -25.56	46.02 4.09 0.00	46.36 4.00 0.00	55.86 3.50 -18.59	59.66 3.94 -18.58	60.14 3.36 -26.02	47.02 2.06 -26.73	68.73 3.90 -28.92	42.03 2.95 -12.79
HICKLING___1 23621	40.93 0.14 -36.36	41.38 0.89 -11.32	40.23 0.64 -19.06	41.26 0.87 -7.27	38.04 0.95 -7.46	49.98 1.25 -22.51	70.55 2.19 -2.53	101.22 2.89 -8.70	107.15 2.51 -7.32	72.21 2.40 -1.29	80.85 3.34 -3.04	49.13 1.77 -3.83	46.65 1.60 -5.09	46.87 1.42 -4.90	48.91 1.64 -5.27	47.92 1.55 -3.67	46.60 1.18 -3.48	46.79 0.94 -3.50	43.25 1.24 -8.23	46.84 1.24 -8.47	42.00 1.42 -9.82	27.63 0.73 -8.66	42.34 1.13 -5.30	30.74 0.91 -3.54
HICKLING___2 23622	40.93 0.14 -36.36	41.38 0.89 -11.32	40.23 0.64 -19.06	41.26 0.87 -7.27	38.04 0.95 -7.46	49.98 1.25 -22.51	70.55 2.19 -2.53	101.22 2.89 -8.70	107.15 2.51 -7.32	72.21 2.40 -1.29	80.85 3.34 -3.04	49.13 1.77 -3.83	46.65 1.60 -5.09	46.87 1.42 -4.90	48.91 1.64 -5.27	47.92 1.55 -3.67	46.60 1.18 -3.48	46.79 0.94 -3.50	43.25 1.24 -8.23	46.84 1.24 -8.47	42.00 1.42 -9.82	27.63 0.73 -8.66	42.34 1.13 -5.30	30.74 0.91 -3.54
HIGH FALLS___HY 23754	144.13 0.39 -139.31	72.64 2.36 -41.10	91.43 1.69 -69.22	62.18 2.67 -26.40	59.34 2.56 -27.16	118.00 2.70 -89.08	83.71 6.45 -11.43	97.98 8.35 0.00	106.89 9.57 0.00	79.11 7.10 -3.50	82.28 7.81 0.00	47.77 4.24 0.00	44.00 4.03 0.00	44.38 3.82 0.00	46.15 4.16 0.00	46.92 4.21 0.00	45.83 3.89 0.00	46.30 3.95 0.00	55.90 3.47 -18.66	59.77 3.83 -18.81	58.55 3.31 -24.48	46.87 2.04 -26.59	50.29 3.67 -10.71	42.24 2.71 -13.24
HILLBURN___GT 23639	141.35 0.31 -136.61	71.14 1.83 -40.13	89.41 1.31 -67.59	60.96 2.06 -25.78	58.10 2.00 -26.48	111.00 2.17 -82.61	80.50 4.84 -9.83	95.79 6.16 0.00	104.56 7.25 0.00	77.08 5.56 -3.00	80.60 6.13 0.00	47.13 3.59 0.00	43.34 3.38 0.00	43.85 3.30 0.00	45.46 3.46 0.00	46.13 3.42 0.00	45.08 3.15 0.00	45.38 3.03 0.00	54.64 2.76 -18.11	58.23 3.00 -18.09	57.33 2.60 -23.97	45.91 1.64 -26.04	48.20 3.01 -9.28	40.98 2.25 -12.44
HISHELDN_WT_PWR 323625	31.87 0.04 -27.39	37.56 -0.14 -8.53	34.87 -0.01 -14.36	38.23 -0.36 -5.48	35.15 -0.09 -5.62	42.87 -0.08 -16.73	66.23 -1.43 -1.84	36.28 -1.92 51.43	52.81 -2.57 41.94	65.01 -1.00 2.51	56.61 -0.46 17.41	21.14 -0.49 21.91	9.98 -0.72 29.27	11.33 -0.93 28.30	10.60 -0.91 30.48	20.33 -1.00 21.38	19.96 -1.12 20.86	20.18 -1.23 20.95	17.83 -0.58 15.36	19.38 -0.73 17.02	17.04 -0.26 13.45	11.15 -0.10 6.99	19.46 -0.64 15.81	27.83 -0.18 -1.73
HOLTSVILLE_IC_1 23690	145.88 0.42 -141.03	73.02 2.53 -41.31	92.01 1.91 -69.58	62.67 3.02 -26.53	59.60 2.72 -27.27	114.13 2.67 -85.26	81.57 5.56 -10.19	96.94 7.31 0.00	106.01 8.69 0.00	78.54 6.72 -3.30	103.14 7.97 -20.69	64.42 4.76 -16.13	59.74 4.34 -15.43	52.36 4.18 -7.63	46.19 4.19 0.00	72.77 4.50 -25.56	45.88 3.94 0.00	46.06 3.70 0.00	55.65 3.29 -18.59	59.54 3.82 -18.58	60.04 3.26 -26.02	46.95 1.99 -26.73	68.91 4.08 -28.92	42.18 3.10 -12.79

HOLTSVILLE_IC_10 23699	145.90 0.44 -141.03	73.17 2.68 -41.31	92.11 2.01 -69.58	62.85 3.19 -26.53	59.75 2.86 -27.27	114.27 2.80 -85.26	81.90 5.89 -10.19	97.36 7.73 0.00	106.54 9.22 0.00	78.89 7.07 -3.30	103.51 8.35 -20.69	64.65 4.98 -16.13	59.93 4.53 -15.43	52.57 4.39 -7.63	46.39 4.40 0.00	72.98 4.72 -25.56	46.09 4.16 0.00	46.25 3.90 0.00	55.81 3.45 -18.59	59.73 4.02 -18.58	60.20 3.42 -26.02	47.04 2.08 -26.73	69.12 4.29 -28.92	42.33 3.25 -12.79
HOLTSVILLE_IC_2 23691	145.88 0.42 -141.03	73.02 2.53 -41.31	92.01 1.91 -69.58	62.67 3.02 -26.53	59.60 2.72 -27.27	114.13 2.67 -85.26	81.57 5.56 -10.19	96.94 7.31 0.00	106.01 8.69 0.00	78.54 6.72 -3.30	103.14 7.97 -20.69	64.42 4.76 -16.13	59.74 4.34 -15.43	52.36 4.18 -7.63	46.19 4.19 0.00	72.77 4.50 -25.56	45.88 3.94 0.00	46.06 3.70 0.00	55.65 3.29 -18.59	59.54 3.82 -18.58	60.04 3.26 -26.02	46.95 1.99 -26.73	68.91 4.08 -28.92	42.18 3.10 -12.79
HOLTSVILLE_IC_3 23692	145.88 0.42 -141.03	73.02 2.53 -41.31	92.01 1.91 -69.58	62.67 3.02 -26.53	59.60 2.72 -27.27	114.13 2.67 -85.26	81.57 5.56 -10.19	96.94 7.31 0.00	106.01 8.69 0.00	78.54 6.72 -3.30	103.14 7.97 -20.69	64.42 4.76 -16.13	59.74 4.34 -15.43	52.36 4.18 -7.63	46.19 4.19 0.00	72.77 4.50 -25.56	45.88 3.94 0.00	46.06 3.70 0.00	55.65 3.29 -18.59	59.54 3.82 -18.58	60.04 3.26 -26.02	46.95 1.99 -26.73	68.91 4.08 -28.92	42.18 3.10 -12.79
HOLTSVILLE_IC_4 23693	145.88 0.42 -141.03	73.02 2.53 -41.31	92.01 1.91 -69.58	62.67 3.02 -26.53	59.60 2.72 -27.27	114.13 2.67 -85.26	81.57 5.56 -10.19	96.94 7.31 0.00	106.01 8.69 0.00	78.54 6.72 -3.30	103.14 7.97 -20.69	64.42 4.76 -16.13	59.74 4.34 -15.43	52.36 4.18 -7.63	46.19 4.19 0.00	72.77 4.50 -25.56	45.88 3.94 0.00	46.06 3.70 0.00	55.65 3.29 -18.59	59.54 3.82 -18.58	60.04 3.26 -26.02	46.95 1.99 -26.73	68.91 4.08 -28.92	42.18 3.10 -12.79
HOLTSVILLE_IC_5 23694	145.88 0.42 -141.03	73.02 2.53 -41.31	92.01 1.91 -69.58	62.67 3.02 -26.53	59.60 2.72 -27.27	114.13 2.67 -85.26	81.57 5.56 -10.19	96.94 7.31 0.00	106.01 8.69 0.00	78.54 6.72 -3.30	103.14 7.97 -20.69	64.42 4.76 -16.13	59.74 4.34 -15.43	52.36 4.18 -7.63	46.19 4.19 0.00	72.77 4.50 -25.56	45.88 3.94 0.00	46.06 3.70 0.00	55.65 3.29 -18.59	59.54 3.82 -18.58	60.04 3.26 -26.02	46.95 1.99 -26.73	68.91 4.08 -28.92	42.18 3.10 -12.79
HOLTSVILLE_IC_6 23695	145.90 0.44 -141.03	73.17 2.68 -41.31	92.11 2.01 -69.58	62.85 3.19 -26.53	59.75 2.86 -27.27	114.27 2.80 -85.26	81.90 5.89 -10.19	97.36 7.73 0.00	106.54 9.22 0.00	78.89 7.07 -3.30	103.51 8.35 -20.69	64.65 4.98 -16.13	59.93 4.53 -15.43	52.57 4.39 -7.63	46.39 4.40 0.00	72.98 4.72 -25.56	46.09 4.16 0.00	46.25 3.90 0.00	55.81 3.45 -18.59	59.73 4.02 -18.58	60.20 3.42 -26.02	47.04 2.08 -26.73	69.12 4.29 -28.92	42.33 3.25 -12.79
HOLTSVILLE_IC_7 23696	145.90 0.44 -141.03	73.17 2.68 -41.31	92.11 2.01 -69.58	62.85 3.19 -26.53	59.75 2.86 -27.27	114.27 2.80 -85.26	81.90 5.89 -10.19	97.36 7.73 0.00	106.54 9.22 0.00	78.89 7.07 -3.30	103.51 8.35 -20.69	64.65 4.98 -16.13	59.93 4.53 -15.43	52.57 4.39 -7.63	46.39 4.40 0.00	72.98 4.72 -25.56	46.09 4.16 0.00	46.25 3.90 0.00	55.81 3.45 -18.59	59.73 4.02 -18.58	60.20 3.42 -26.02	47.04 2.08 -26.73	69.12 4.29 -28.92	42.33 3.25 -12.79
HOLTSVILLE_IC_8 23697	145.90 0.44 -141.03	73.17 2.68 -41.31	92.11 2.01 -69.58	62.85 3.19 -26.53	59.75 2.86 -27.27	114.27 2.80 -85.26	81.90 5.89 -10.19	97.36 7.73 0.00	106.54 9.22 0.00	78.89 7.07 -3.30	103.51 8.35 -20.69	64.65 4.98 -16.13	59.93 4.53 -15.43	52.57 4.39 -7.63	46.39 4.40 0.00	72.98 4.72 -25.56	46.09 4.16 0.00	46.25 3.90 0.00	55.81 3.45 -18.59	59.73 4.02 -18.58	60.20 3.42 -26.02	47.04 2.08 -26.73	69.12 4.29 -28.92	42.33 3.25 -12.79
HOLTSVILLE_IC_9 23698	145.90 0.44 -141.03	73.17 2.68 -41.31	92.11 2.01 -69.58	62.85 3.19 -26.53	59.75 2.86 -27.27	114.27 2.80 -85.26	81.90 5.89 -10.19	97.36 7.73 0.00	106.54 9.22 0.00	78.89 7.07 -3.30	103.51 8.35 -20.69	64.65 4.98 -16.13	59.93 4.53 -15.43	52.57 4.39 -7.63	46.39 4.40 0.00	72.98 4.72 -25.56	46.09 4.16 0.00	46.25 3.90 0.00	55.81 3.45 -18.59	59.73 4.02 -18.58	60.20 3.42 -26.02	47.04 2.08 -26.73	69.12 4.29 -28.92	42.33 3.25 -12.79
HOWARD_WT_PWR 323690	35.38 0.18 -30.77	39.76 1.00 -9.58	37.42 0.77 -16.13	40.26 0.99 -6.15	37.05 1.12 -6.32	46.36 1.23 -18.91	70.06 2.14 -2.10	144.71 2.67 -52.42	142.22 1.90 -43.00	74.41 2.13 -3.77	95.25 2.93 -17.85	67.40 1.39 -22.47	71.14 1.18 -30.00	70.38 0.83 -28.99	74.06 0.85 -31.22	65.20 0.63 -21.86	63.51 0.36 -21.22	63.81 0.14 -21.31	58.00 0.51 -23.72	62.98 0.51 -25.34	56.06 0.76 -24.54	36.48 0.29 -17.96	55.92 0.21 -19.81	30.26 0.29 -3.69
HQ_GEN_CEDARS 23644	4.34 -0.09 0.00	28.66 -0.52 0.00	20.19 -0.34 0.00	32.59 -0.53 0.00	28.98 -0.61 0.02	22.51 -1.21 2.49	63.58 -1.48 0.76	87.71 -1.91 0.00	95.00 -2.32 0.00	66.31 -1.98 0.23	72.27 -2.20 0.00	42.22 -1.32 0.00	38.74 -1.22 0.00	39.30 -1.25 0.00	40.74 -1.26 0.00	41.46 -1.24 0.00	40.81 -1.12 0.00	41.32 -1.03 0.00	32.69 -0.98 0.09	35.84 -1.10 0.19	29.71 -1.05 0.00	17.57 -0.66 0.00	34.22 -1.01 0.69	25.21 -0.78 0.30
HQ_GEN_CEDARS_PROXY 323590	4.34 -0.09 0.00	28.66 -0.52 0.00	20.19 -0.34 0.00	32.59 -0.53 0.00	28.98 -0.61 0.02	22.51 -1.21 2.49	63.58 -1.48 0.76	87.71 -1.91 0.00	95.00 -2.32 0.00	66.31 -1.98 0.23	72.27 -2.20 0.00	42.22 -1.32 0.00	38.74 -1.22 0.00	39.30 -1.25 0.00	40.74 -1.26 0.00	41.46 -1.24 0.00	40.81 -1.12 0.00	41.32 -1.03 0.00	32.69 -0.98 0.09	35.84 -1.10 0.19	29.71 -1.05 0.00	17.57 -0.66 0.00	34.22 -1.01 0.69	25.21 -0.78 0.30
HQ_GEN_IMPORT 323601	-4.42 -0.07 8.78	14.34 -0.41 14.42	20.22 -0.30 0.00	32.64 -0.48 0.00	29.07 -0.55 0.00	25.54 -0.67 0.00	47.50 -1.28 17.04	88.03 -1.60 0.00	88.61 -1.84 6.87	67.00 -1.52 0.00	72.77 -1.70 0.00	42.56 -0.98 0.00	39.07 -0.90 0.00	39.65 -0.91 0.00	41.06 -0.93 0.00	41.79 -0.91 0.00	41.06 -0.88 0.00	41.55 -0.80 0.00	33.01 -0.76 0.00	36.33 -0.80 0.00	30.00 -0.76 0.00	17.77 -0.46 0.00	35.22 -0.70 0.00	25.75 -0.54 0.00
HQ_GEN_WHEEL 23651	-4.42 -0.07 8.78	14.34 -0.41 14.42	20.22 -0.30 0.00	32.64 -0.48 0.00	29.07 -0.55 0.00	25.54 -0.67 0.00	47.50 -1.28 17.04	88.03 -1.60 0.00	88.61 -1.84 6.87	67.00 -1.52 0.00	72.77 -1.70 0.00	42.56 -0.98 0.00	39.07 -0.90 0.00	39.65 -0.91 0.00	41.06 -0.93 0.00	41.79 -0.91 0.00	41.06 -0.88 0.00	41.55 -0.80 0.00	33.01 -0.76 0.00	36.33 -0.80 0.00	30.00 -0.76 0.00	17.77 -0.46 0.00	35.22 -0.70 0.00	25.75 -0.54 0.00
HUDSON_AVE_GT_3 23810	145.80 0.36 -141.01	72.64 2.16 -41.31	91.65 1.55 -69.57	62.15 2.50 -26.53	59.25 2.37 -27.26	113.89 2.44 -85.24	81.50 5.49 -10.18	96.72 7.09 0.00	105.91 8.59 0.00	78.33 6.70 -3.11	81.82 7.34 0.00	47.82 4.29 0.00	44.00 4.03 0.00	44.51 3.96 0.00	46.13 4.14 0.00	46.97 4.26 0.00	45.93 4.00 0.00	46.24 3.89 0.00	55.72 3.37 -18.59	59.36 3.64 -18.58	58.46 3.10 -24.60	46.91 1.95 -26.72	49.07 3.59 -9.57	41.76 2.68 -12.79

HUDSON AVE_GT_4 23540	145.80 0.36 -141.01	72.64 2.16 -41.31	91.65 1.55 -69.57	62.15 2.50 -26.53	59.25 2.37 -27.26	113.89 2.44 -85.24	81.50 5.49 -10.18	96.72 7.09 0.00	105.91 8.59 0.00	78.33 6.70 -3.11	81.82 7.34 0.00	47.82 4.29 0.00	44.00 4.03 0.00	44.51 3.96 0.00	46.13 4.14 0.00	46.97 4.26 0.00	45.93 4.00 0.00	46.24 3.89 0.00	55.72 3.37 -18.59	59.36 3.64 -18.58	58.46 3.10 -24.60	46.91 1.95 -26.72	49.07 3.59 -9.57	41.76 2.68 -12.79
HUDSON AVE_GT_5 23657	145.80 0.36 -141.01	72.64 2.16 -41.31	91.65 1.55 -69.57	62.15 2.50 -26.53	59.25 2.37 -27.26	113.89 2.44 -85.24	81.50 5.49 -10.18	96.72 7.09 0.00	105.91 8.59 0.00	78.33 6.70 -3.11	81.82 7.34 0.00	47.82 4.29 0.00	44.00 4.03 0.00	44.51 3.96 0.00	46.13 4.14 0.00	46.97 4.26 0.00	45.93 4.00 0.00	46.24 3.89 0.00	55.72 3.37 -18.59	59.36 3.64 -18.58	58.46 3.10 -24.60	46.91 1.95 -26.72	49.07 3.59 -9.57	41.76 2.68 -12.79
HUDSON_AVE_10 24168	145.79 0.35 -141.01	72.57 2.09 -41.31	91.58 1.49 -69.57	62.06 2.41 -26.53	59.18 2.30 -27.26	113.83 2.38 -85.24	81.43 5.42 -10.18	96.62 6.99 0.00	105.68 8.37 0.00	78.18 6.56 -3.11	81.60 7.12 0.00	47.74 4.20 0.00	43.91 3.95 0.00	44.43 3.87 0.00	46.04 4.04 0.00	46.87 4.16 0.00	45.81 3.88 0.00	46.13 3.78 0.00	55.64 3.28 -18.59	59.24 3.53 -18.58	58.38 3.02 -24.60	46.87 1.91 -26.72	49.01 3.52 -9.57	41.67 2.59 -12.79
HUNTER MOUNT___DRP 323613	156.10 0.42 -151.25	76.72 2.72 -44.82	97.95 1.94 -75.49	65.00 3.10 -28.79	62.15 2.83 -29.70	135.61 2.76 -106.63	87.56 6.38 -15.35	98.18 8.56 0.00	105.74 8.42 0.00	79.07 5.84 -4.71	80.65 6.17 0.00	47.32 3.79 0.00	43.43 3.47 0.00	43.99 3.44 0.00	45.35 3.36 0.00	46.28 3.57 0.00	45.70 3.77 0.00	46.33 3.98 0.00	57.88 3.41 -20.70	62.11 3.74 -21.24	60.54 3.09 -26.70	49.06 1.82 -28.99	53.66 3.45 -14.30	44.43 2.56 -15.58
HUNTINGTON_RES_REC 323705	145.88 0.41 -141.03	72.99 2.50 -41.31	91.95 1.85 -69.58	62.58 2.93 -26.53	59.55 2.66 -27.27	114.12 2.65 -85.26	81.57 5.56 -10.19	96.97 7.35 0.00	106.14 8.83 0.00	78.59 6.77 -3.30	103.12 7.95 -20.69	64.38 4.71 -16.13	59.76 4.36 -15.43	52.33 4.15 -7.63	46.20 4.21 0.00	72.81 4.54 -25.56	45.94 4.01 0.00	46.11 3.76 0.00	55.71 3.35 -18.59	59.59 3.88 -18.58	60.09 3.31 -26.02	46.97 2.01 -26.73	68.89 4.06 -28.92	42.14 3.06 -12.79
HUNTLEY___63 23557	29.08 0.00 -24.64	36.32 -0.53 -7.67	33.23 -0.22 -12.92	37.28 -0.76 -4.93	34.25 -0.42 -5.06	40.76 -0.42 -14.97	65.34 -2.12 -1.63	68.65 -1.96 19.01	79.13 -2.72 15.47	66.57 -1.30 0.64	67.38 -0.67 6.42	34.83 -0.62 8.08	28.46 -0.70 10.80	29.33 -0.78 10.45	29.96 -0.78 11.25	33.86 -0.94 7.90	33.16 -1.06 7.72	33.44 -1.16 7.75	29.59 -0.50 3.68	32.23 -0.59 4.32	28.42 -0.05 2.29	19.72 0.27 -1.22	30.92 -0.04 4.96	28.54 0.28 -1.97
HUNTLEY___64 23558	29.08 0.00 -24.64	36.32 -0.53 -7.67	33.23 -0.22 -12.92	37.28 -0.76 -4.93	34.25 -0.42 -5.06	40.76 -0.42 -14.97	65.34 -2.12 -1.63	68.65 -1.96 19.01	79.13 -2.72 15.47	66.57 -1.30 0.64	67.38 -0.67 6.42	34.83 -0.62 8.08	28.46 -0.70 10.80	29.33 -0.78 10.45	29.96 -0.78 11.25	33.86 -0.94 7.90	33.16 -1.06 7.72	33.44 -1.16 7.75	29.59 -0.50 3.68	32.23 -0.59 4.32	28.42 -0.05 2.29	19.72 0.27 -1.22	30.92 -0.04 4.96	28.54 0.28 -1.97
HUNTLEY___65 23559	29.08 0.00 -24.64	36.32 -0.53 -7.67	33.23 -0.22 -12.92	37.28 -0.76 -4.93	34.25 -0.42 -5.06	40.76 -0.42 -14.97	65.34 -2.12 -1.63	68.65 -1.96 19.01	79.13 -2.72 15.47	66.57 -1.30 0.64	67.38 -0.67 6.42	34.83 -0.62 8.08	28.46 -0.70 10.80	29.33 -0.78 10.45	29.96 -0.78 11.25	33.86 -0.94 7.90	33.16 -1.06 7.72	33.44 -1.16 7.75	29.59 -0.50 3.68	32.23 -0.59 4.32	28.42 -0.05 2.29	19.72 0.27 -1.22	30.92 -0.04 4.96	28.54 0.28 -1.97
HUNTLEY___66 23560	29.08 0.00 -24.64	36.32 -0.53 -7.67	33.23 -0.22 -12.92	37.28 -0.76 -4.93	34.25 -0.42 -5.06	40.76 -0.42 -14.97	65.34 -2.12 -1.63	68.65 -1.96 19.01	79.13 -2.72 15.47	66.57 -1.30 0.64	67.38 -0.67 6.42	34.83 -0.62 8.08	28.46 -0.70 10.80	29.33 -0.78 10.45	29.96 -0.78 11.25	33.86 -0.94 7.90	33.16 -1.06 7.72	33.44 -1.16 7.75	29.59 -0.50 3.68	32.23 -0.59 4.32	28.42 -0.05 2.29	19.72 0.27 -1.22	30.92 -0.04 4.96	28.54 0.28 -1.97
HUNTLEY___67 23561	29.57 -0.02 -25.17	36.31 -0.70 -7.83	33.35 -0.37 -13.19	37.17 -0.98 -5.03	34.16 -0.62 -5.16	40.92 -0.59 -15.30	64.82 -2.68 -1.67	65.30 -2.86 21.46	76.16 -3.68 17.48	65.77 -1.97 0.78	65.75 -1.48 7.25	33.36 -1.04 9.13	26.66 -1.10 12.20	27.54 -1.21 11.80	28.11 -1.18 12.71	32.47 -1.32 8.92	31.80 -1.42 8.71	32.10 -1.50 8.75	28.46 -0.80 4.52	30.99 -0.91 5.23	27.36 -0.32 3.08	19.08 0.02 -0.82	29.70 -0.45 5.76	28.31 0.04 -1.99
HUNTLEY___68 23562	29.57 -0.02 -25.17	36.31 -0.70 -7.83	33.35 -0.37 -13.19	37.17 -0.98 -5.03	34.16 -0.62 -5.16	40.92 -0.59 -15.30	64.82 -2.68 -1.67	65.30 -2.86 21.46	76.16 -3.68 17.48	65.77 -1.97 0.78	65.75 -1.48 7.25	33.36 -1.04 9.13	26.66 -1.10 12.20	27.54 -1.21 11.80	28.11 -1.18 12.71	32.47 -1.32 8.92	31.80 -1.42 8.71	32.10 -1.50 8.75	28.46 -0.80 4.52	30.99 -0.91 5.23	27.36 -0.32 3.08	19.08 0.02 -0.82	29.70 -0.45 5.76	28.31 0.04 -1.99
HYLAND___LFGE 323620	30.14 0.34 -25.37	39.05 1.98 -7.90	35.29 1.46 -13.30	40.31 2.12 -5.07	36.99 2.17 -5.21	43.80 2.15 -15.43	72.46 4.95 -1.68	156.34 7.15 -59.57	153.01 6.94 -48.75	77.96 5.38 -4.06	101.09 6.38 -20.23	72.58 3.58 -25.47	77.21 3.24 -34.01	76.53 3.10 -32.88	80.57 3.17 -35.40	70.60 3.09 -24.81	68.61 2.55 -24.13	68.83 2.24 -24.23	61.76 2.33 -25.65	67.42 2.79 -27.49	59.50 2.61 -26.13	38.26 1.43 -18.59	60.13 2.35 -21.87	31.37 1.80 -3.28
INDECK___CORINTH 23802	198.25 0.29 -193.53	89.47 1.93 -58.37	120.18 1.35 -98.30	72.82 2.21 -37.49	70.67 2.09 -38.96	202.52 2.13 -174.17	101.27 4.70 -30.75	95.98 6.36 0.00	103.85 6.53 0.00	82.65 4.63 -9.51	80.06 5.59 0.00	47.35 3.82 0.00	43.42 3.46 0.00	44.40 3.85 0.00	45.86 3.86 0.00	46.51 3.80 0.00	46.09 4.16 0.00	46.68 4.33 0.00	65.86 3.79 -28.29	71.74 4.24 -30.36	68.88 3.36 -34.76	57.86 1.87 -37.76	68.01 3.69 -28.41	53.47 2.65 -24.53
INDECK___ILION 23567	4.49 0.06 0.00	29.66 0.49 0.00	20.86 0.34 0.00	33.67 0.55 0.00	30.10 0.55 0.07	17.74 0.67 9.14	64.55 1.51 2.78	91.46 1.84 0.00	99.23 1.91 0.00	69.03 1.35 0.84	75.75 1.28 0.00	44.28 0.75 0.00	40.69 0.72 0.00	41.17 0.62 0.00	42.52 0.53 0.00	43.18 0.47 0.00	42.56 0.62 0.00	42.96 0.61 0.00	33.97 0.55 0.35	37.01 0.57 0.70	31.30 0.55 0.00	18.56 0.32 0.00	33.90 0.52 2.53	25.60 0.40 1.10
INDECK___OLEAN 23982	33.26 0.14 -28.68	38.78 0.67 -8.93	35.95 0.39 -15.04	39.17 0.31 -5.73	36.12 0.61 -5.89	44.56 0.79 -17.56	67.65 -0.11 -1.94	82.98 -0.09 6.55	91.12 -0.92 5.28	68.82 0.11 -0.20	73.44 1.16 2.19	41.41 0.63 2.75	36.67 0.40 3.69	37.08 0.10 3.58	38.59 0.45 3.85	40.57 0.57 2.71	39.42 0.16 2.68	39.47 -0.19 2.69	35.70 0.41 -1.52	38.62 0.21 -1.27	34.46 0.77 -2.94	23.29 0.40 -4.66	35.98 0.49 0.43	29.67 0.82 -2.56

INDECK___OSWEGO 23783	15.82 -0.05 -11.43	32.39 -0.34 -3.56	26.29 -0.23 -5.99	35.05 -0.36 -2.29	31.71 -0.23 -2.32	31.39 0.58 -4.59	67.95 2.13 0.00	92.61 2.98 0.00	100.00 2.68 0.00	70.45 1.93 0.00	76.78 2.31 0.00	44.81 1.28 0.00	41.14 1.17 0.00	41.71 1.15 0.00	43.15 1.16 0.00	43.93 1.22 0.00	43.08 1.15 0.00	43.45 1.10 0.00	36.29 0.92 -1.60	39.65 1.03 -1.48	33.99 0.94 -2.30	21.24 0.50 -2.50	36.63 0.69 -0.03	27.59 0.48 -0.82
INDECK___YERKES 23781	29.09 0.01 -24.64	36.36 -0.49 -7.67	33.25 -0.20 -12.92	37.32 -0.73 -4.93	34.28 -0.39 -5.06	40.80 -0.38 -14.97	65.40 -2.05 -1.63	68.77 -1.85 19.01	79.25 -2.60 15.47	66.66 -1.22 0.64	67.46 -0.59 6.42	34.90 -0.56 8.08	28.50 -0.66 10.80	29.37 -0.74 10.45	30.02 -0.73 11.25	33.91 -0.90 7.90	33.20 -1.01 7.72	33.49 -1.11 7.75	29.63 -0.47 3.68	32.28 -0.54 4.32	28.46 -0.01 2.29	19.75 0.29 -1.22	30.96 0.00 4.96	28.58 0.31 -1.97
INDIAN POINT_GT_1 24139	144.73 0.31 -139.99	72.09 1.88 -41.03	90.97 1.34 -69.10	61.61 2.14 -26.35	58.75 2.05 -27.08	113.03 2.18 -84.64	80.82 4.89 -10.10	95.87 6.25 0.00	104.68 7.36 0.00	77.27 5.66 -3.08	80.66 6.19 0.00	47.15 3.61 0.00	43.35 3.39 0.00	43.85 3.30 0.00	45.46 3.47 0.00	46.30 3.59 0.00	45.30 3.36 0.00	45.63 3.28 0.00	55.18 2.93 -18.48	58.77 3.16 -18.47	57.94 2.72 -24.46	46.52 1.71 -26.57	48.56 3.13 -9.51	41.35 2.35 -12.72
INDIAN POINT_GT_2 23659	144.73 0.31 -139.99	72.09 1.88 -41.03	90.97 1.34 -69.10	61.61 2.14 -26.35	58.75 2.05 -27.08	113.03 2.18 -84.64	80.82 4.89 -10.10	95.87 6.25 0.00	104.68 7.36 0.00	77.27 5.66 -3.08	80.66 6.19 0.00	47.15 3.61 0.00	43.35 3.39 0.00	43.85 3.30 0.00	45.46 3.47 0.00	46.30 3.59 0.00	45.30 3.36 0.00	45.63 3.28 0.00	55.18 2.93 -18.48	58.77 3.16 -18.47	57.94 2.72 -24.46	46.52 1.71 -26.57	48.56 3.13 -9.51	41.35 2.35 -12.72
INDIAN POINT_GT_3 24019	144.73 0.31 -139.99	72.09 1.88 -41.03	90.97 1.34 -69.10	61.61 2.14 -26.35	58.75 2.05 -27.08	113.03 2.18 -84.64	80.82 4.89 -10.10	95.87 6.25 0.00	104.68 7.36 0.00	77.27 5.66 -3.08	80.66 6.19 0.00	47.15 3.61 0.00	43.35 3.39 0.00	43.85 3.30 0.00	45.46 3.47 0.00	46.30 3.59 0.00	45.30 3.36 0.00	45.63 3.28 0.00	55.18 2.93 -18.48	58.77 3.16 -18.47	57.94 2.72 -24.46	46.52 1.71 -26.57	48.56 3.13 -9.51	41.35 2.35 -12.72
INDIAN POINT___2 23530	143.80 0.31 -139.06	71.80 1.85 -40.78	90.53 1.31 -68.69	61.41 2.09 -26.19	58.55 2.02 -26.92	112.44 2.16 -84.07	80.66 4.81 -10.03	95.75 6.13 0.00	104.56 7.24 0.00	77.16 5.58 -3.06	80.58 6.11 0.00	47.10 3.57 0.00	43.31 3.35 0.00	43.82 3.27 0.00	45.42 3.43 0.00	46.26 3.55 0.00	45.24 3.31 0.00	45.56 3.21 0.00	54.99 2.86 -18.35	58.59 3.12 -18.34	57.73 2.68 -24.29	46.31 1.69 -26.39	48.44 3.10 -9.43	41.23 2.32 -12.62
INDIAN POINT___3 23531	144.94 0.31 -140.20	72.13 1.87 -41.09	91.07 1.34 -69.20	61.64 2.13 -26.39	58.78 2.04 -27.12	113.16 2.18 -84.77	80.79 4.84 -10.12	95.80 6.18 0.00	104.63 7.31 0.00	77.25 5.64 -3.09	80.61 6.13 0.00	47.11 3.58 0.00	43.33 3.36 0.00	43.83 3.28 0.00	45.42 3.43 0.00	46.26 3.55 0.00	45.26 3.33 0.00	45.57 3.22 0.00	55.12 2.86 -18.49	58.73 3.11 -18.48	57.90 2.68 -24.47	46.50 1.68 -26.58	48.52 3.09 -9.51	41.33 2.32 -12.72
IP CORINTH___1 23988	198.28 0.31 -193.53	89.64 2.10 -58.37	120.30 1.48 -98.30	73.01 2.41 -37.49	70.85 2.27 -38.96	202.68 2.29 -174.17	101.67 5.10 -30.75	96.52 6.90 0.00	104.40 7.08 0.00	83.05 5.02 -9.51	80.12 5.65 0.00	47.35 3.82 0.00	43.42 3.46 0.00	44.40 3.85 0.00	45.86 3.86 0.00	46.51 3.80 0.00	46.09 4.16 0.00	46.68 4.33 0.00	65.86 3.79 -28.29	71.74 4.24 -30.36	68.88 3.36 -34.76	57.86 1.87 -37.76	68.01 3.69 -28.41	53.47 2.65 -24.53
IP___TICONDEROGA 23804	198.07 0.52 -193.11	90.87 3.46 -58.23	121.03 2.43 -98.08	74.49 3.97 -37.40	72.33 3.83 -38.87	203.66 3.83 -173.62	105.63 9.18 -30.63	101.80 12.17 0.00	109.83 12.51 0.00	86.07 8.08 -9.47	82.46 7.99 0.00	48.80 5.27 0.00	44.78 4.82 0.00	45.86 5.30 0.00	47.78 5.79 0.00	48.80 6.09 0.00	48.34 6.41 0.00	48.97 6.62 0.00	67.97 5.98 -28.22	74.11 6.69 -30.28	70.61 5.17 -34.68	58.65 2.74 -37.67	69.93 5.72 -28.30	54.83 4.10 -24.45
ISLIP_RES_REC 323679	145.93 0.46 -141.03	73.29 2.81 -41.31	92.20 2.10 -69.58	62.98 3.32 -26.53	59.89 3.00 -27.27	114.39 2.92 -85.26	82.25 6.24 -10.19	97.81 8.19 0.00	107.03 9.71 0.00	79.24 7.43 -3.30	103.89 8.72 -20.69	64.86 5.20 -16.13	60.11 4.71 -15.43	52.76 4.57 -7.63	46.59 4.60 0.00	73.19 4.92 -25.56	46.30 4.37 0.00	46.46 4.11 0.00	55.98 3.62 -18.59	59.93 4.22 -18.58	60.36 3.58 -26.02	47.13 2.17 -26.73	69.29 4.47 -28.92	42.44 3.36 -12.79
JARVIS____ 23743	4.45 0.02 0.00	29.29 0.12 0.00	20.60 0.08 0.00	33.25 0.14 0.00	29.70 0.15 0.07	17.27 0.19 9.14	63.44 0.40 2.78	90.16 0.54 0.00	97.90 0.59 0.00	68.12 0.44 0.84	74.92 0.45 0.00	43.80 0.26 0.00	40.20 0.24 0.00	40.79 0.23 0.00	42.21 0.21 0.00	42.88 0.17 0.00	42.14 0.21 0.00	42.53 0.17 0.00	33.57 0.15 0.35	36.56 0.13 0.70	30.89 0.13 0.00	18.31 0.08 0.00	33.47 0.09 2.53	25.27 0.08 1.10
JENNISON___1 23625	53.53 0.30 -48.80	46.30 1.94 -15.18	47.48 1.39 -25.57	45.04 2.17 -9.75	41.83 2.16 -10.04	62.35 2.30 -33.85	75.73 5.40 -4.51	94.88 5.25 0.00	103.34 6.03 0.00	75.02 5.15 -1.36	79.95 5.47 0.00	46.59 3.05 0.00	42.66 2.69 0.00	43.20 2.64 0.00	44.79 2.80 0.00	45.42 2.72 0.00	44.51 2.58 0.00	44.79 2.44 0.00	43.54 2.17 -7.59	47.17 2.42 -7.62	42.29 2.48 -9.05	29.37 1.40 -9.73	42.57 2.45 -4.21	33.10 1.81 -5.00
JENNISON___2 23626	53.53 0.30 -48.80	46.30 1.94 -15.18	47.48 1.39 -25.57	45.04 2.17 -9.75	41.83 2.16 -10.04	62.35 2.30 -33.85	75.73 5.40 -4.51	94.88 5.25 0.00	103.34 6.03 0.00	75.02 5.15 -1.36	79.95 5.47 0.00	46.59 3.05 0.00	42.66 2.69 0.00	43.20 2.64 0.00	44.79 2.80 0.00	45.42 2.72 0.00	44.51 2.58 0.00	44.79 2.44 0.00	43.54 2.17 -7.59	47.17 2.42 -7.62	42.29 2.48 -9.05	29.37 1.40 -9.73	42.57 2.45 -4.21	33.10 1.81 -5.00
JERICHO_RISE_WT_PWR 323719	4.34 -0.09 0.00	28.81 -0.37 0.00	20.33 -0.19 0.00	32.91 -0.22 0.00	29.39 -0.21 0.02	23.24 -0.48 2.50	64.39 -0.67 0.76	88.92 -0.70 0.00	96.79 -0.53 0.00	67.60 -0.69 0.23	73.58 -0.89 0.00	43.02 -0.51 0.00	39.45 -0.52 0.00	39.97 -0.58 0.00	41.47 -0.52 0.00	42.21 -0.49 0.00	41.52 -0.42 0.00	42.09 -0.26 0.00	33.31 -0.37 0.09	36.25 -0.70 0.19	29.82 -0.94 0.00	17.51 -0.73 0.00	34.78 -0.44 0.69	25.57 -0.42 0.30
KCE_NY_1 323755	197.33 0.38 -192.53	89.72 2.49 -58.05	120.06 1.77 -97.76	73.25 2.85 -37.28	70.97 2.60 -38.74	201.63 2.58 -172.84	102.02 5.73 -30.46	97.42 7.80 0.00	105.52 8.21 0.00	84.02 5.98 -9.52	80.22 5.75 0.00	47.32 3.78 0.00	43.37 3.41 0.00	44.15 3.60 0.00	45.59 3.59 0.00	46.27 3.57 0.00	45.81 3.88 0.00	46.33 3.98 0.00	65.34 3.45 -28.12	71.13 3.83 -30.16	68.41 3.08 -34.57	57.54 1.75 -37.55	67.49 3.43 -28.15	53.14 2.51 -24.35

KEDC PORT_JEFF_GT2 24210	145.89 0.42 -141.03	73.03 2.54 -41.31	92.01 1.91 -69.58	62.68 3.03 -26.53	59.60 2.71 -27.27	114.10 2.63 -85.26	81.47 5.46 -10.19	96.51 6.88 0.00	105.80 8.48 0.00	78.46 6.64 -3.30	103.03 7.87 -20.69	64.44 4.78 -16.13	59.74 4.34 -15.43	52.35 4.17 -7.63	46.15 4.16 0.00	72.71 4.44 -25.56	45.81 3.87 0.00	45.73 3.37 0.00	55.37 3.01 -18.59	59.25 3.54 -18.58	59.79 3.02 -26.02	46.83 1.87 -26.73	68.90 4.07 -28.92	42.22 3.14 -12.79
KEDC PORT_JEFF_GT3 24211	145.89 0.42 -141.03	73.03 2.54 -41.31	92.01 1.91 -69.58	62.68 3.03 -26.53	59.60 2.71 -27.27	114.10 2.63 -85.26	81.47 5.46 -10.19	96.51 6.88 0.00	105.80 8.48 0.00	78.46 6.64 -3.30	103.03 7.87 -20.69	64.44 4.78 -16.13	59.74 4.34 -15.43	52.35 4.17 -7.63	46.15 4.16 0.00	72.71 4.44 -25.56	45.81 3.87 0.00	45.73 3.37 0.00	55.37 3.01 -18.59	59.25 3.54 -18.58	59.79 3.02 -26.02	46.83 1.87 -26.73	68.90 4.07 -28.92	42.22 3.14 -12.79
KEDC_GLWD_GT4 24219	145.87 0.40 -141.03	72.91 2.42 -41.31	91.86 1.75 -69.58	62.45 2.80 -26.53	59.51 2.62 -27.27	114.12 2.65 -85.26	81.88 5.87 -10.19	97.36 7.73 0.00	106.48 9.17 0.00	78.84 7.02 -3.30	103.18 8.02 -20.69	64.35 4.69 -16.13	59.78 4.38 -15.43	52.42 4.24 -7.63	46.37 4.37 0.00	72.89 4.62 -25.56	46.18 4.25 0.00	46.49 4.14 0.00	55.96 3.60 -18.59	59.71 4.00 -18.58	60.18 3.40 -26.02	47.04 2.08 -26.73	68.73 3.90 -28.92	42.00 2.91 -12.79
KEDC_GLWD_GT5 24220	145.87 0.40 -141.03	72.91 2.42 -41.31	91.86 1.75 -69.58	62.45 2.80 -26.53	59.51 2.62 -27.27	114.12 2.65 -85.26	81.88 5.87 -10.19	97.36 7.73 0.00	106.48 9.17 0.00	78.84 7.02 -3.30	103.18 8.02 -20.69	64.35 4.69 -16.13	59.78 4.38 -15.43	52.42 4.24 -7.63	46.37 4.37 0.00	72.89 4.62 -25.56	46.18 4.25 0.00	46.49 4.14 0.00	55.96 3.60 -18.59	59.71 4.00 -18.58	60.18 3.40 -26.02	47.04 2.08 -26.73	68.73 3.90 -28.92	42.00 2.91 -12.79
KENSICO____ 23655	145.59 0.33 -140.83	72.43 2.00 -41.26	91.44 1.43 -69.49	61.90 2.28 -26.50	59.02 2.18 -27.23	113.64 2.28 -85.14	81.14 5.14 -10.17	96.23 6.61 0.00	105.13 7.81 0.00	77.67 6.05 -3.10	81.03 6.56 0.00	47.36 3.83 0.00	43.54 3.57 0.00	44.05 3.50 0.00	45.64 3.64 0.00	46.50 3.79 0.00	45.47 3.54 0.00	45.80 3.45 0.00	55.37 3.03 -18.56	58.99 3.30 -18.55	58.14 2.81 -24.57	46.70 1.77 -26.69	48.72 3.24 -9.56	41.50 2.43 -12.77
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	140.29 0.39 -135.47	71.58 2.40 -40.00	89.60 1.71 -67.37	61.52 2.71 -25.69	58.64 2.60 -26.43	114.29 2.72 -85.36	83.01 6.47 -10.72	98.00 8.38 0.00	106.86 9.54 0.00	78.85 7.06 -3.28	82.16 7.69 0.00	47.75 4.22 0.00	43.96 4.00 0.00	44.34 3.78 0.00	46.10 4.11 0.00	46.86 4.15 0.00	45.78 3.85 0.00	46.26 3.91 0.00	55.33 3.44 -18.11	59.14 3.80 -18.21	57.86 3.28 -23.82	46.13 2.02 -25.88	49.61 3.65 -10.05	41.70 2.69 -12.72
KIAC_JFK_GT1 23816	145.80 0.36 -141.01	72.61 2.12 -41.31	91.59 1.50 -69.57	62.07 2.42 -26.53	59.20 2.32 -27.26	113.86 2.41 -85.24	81.70 5.69 -10.18	96.93 7.30 0.00	105.85 8.53 0.00	78.27 6.64 -3.11	81.62 7.14 0.00	47.82 4.29 0.00	44.00 4.03 0.00	44.54 3.99 0.00	46.12 4.13 0.00	46.94 4.24 0.00	45.82 3.89 0.00	46.14 3.79 0.00	55.64 3.28 -18.59	59.24 3.53 -18.58	58.39 3.03 -24.60	46.89 1.94 -26.72	49.12 3.64 -9.57	41.67 2.59 -12.79
KIAC_JFK_GT2 23817	145.80 0.36 -141.01	72.61 2.12 -41.31	91.59 1.50 -69.57	62.07 2.42 -26.53	59.20 2.32 -27.26	113.86 2.41 -85.24	81.70 5.69 -10.18	96.93 7.30 0.00	105.85 8.53 0.00	78.27 6.64 -3.11	81.62 7.14 0.00	47.82 4.29 0.00	44.00 4.03 0.00	44.54 3.99 0.00	46.12 4.13 0.00	46.94 4.24 0.00	45.82 3.89 0.00	46.14 3.79 0.00	55.64 3.28 -18.59	59.24 3.53 -18.58	58.39 3.03 -24.60	46.89 1.94 -26.72	49.12 3.64 -9.57	41.67 2.59 -12.79
KINTIGH____ 23543	25.62 -0.06 -21.25	34.97 -0.82 -6.61	31.19 -0.48 -11.14	36.32 -1.04 -4.25	33.25 -0.72 -4.36	38.33 -0.67 -12.79	64.63 -2.57 -1.37	75.56 -2.74 11.32	84.67 -3.44 9.21	66.30 -1.96 0.26	69.03 -1.62 3.82	37.64 -1.08 4.81	32.45 -1.09 6.43	33.20 -1.13 6.22	34.17 -1.12 6.70	36.74 -1.26 4.71	36.02 -1.31 4.60	36.38 -1.36 4.62	31.71 -0.77 1.29	34.60 -0.85 1.69	30.23 -0.37 0.15	20.27 -0.05 -2.09	32.82 -0.51 2.58	27.96 -0.09 -1.77
LACHUTE____HYDRO 323717	198.07 0.52 -193.11	90.87 3.46 -58.23	121.03 2.43 -98.08	74.49 3.97 -37.40	72.33 3.83 -38.87	203.66 3.83 -173.62	105.63 9.18 -30.63	101.80 12.17 0.00	109.83 12.51 0.00	86.07 8.08 -9.47	82.46 7.99 0.00	48.80 5.27 0.00	44.78 4.82 0.00	45.86 5.30 0.00	47.78 5.79 0.00	48.80 6.09 0.00	48.34 6.41 0.00	48.97 6.62 0.00	67.97 5.98 -28.22	74.11 6.69 -30.28	70.61 5.17 -34.68	58.65 2.74 -37.67	69.93 5.72 -28.30	54.83 4.10 -24.45
LEDERLE____ 23769	142.51 0.32 -137.76	71.53 1.92 -40.44	89.99 1.37 -68.11	61.25 2.16 -25.97	58.40 2.09 -26.69	111.76 2.26 -83.30	80.78 5.04 -9.92	96.06 6.44 0.00	104.88 7.56 0.00	77.33 5.79 -3.03	80.83 6.35 0.00	47.26 3.73 0.00	43.46 3.50 0.00	43.97 3.42 0.00	45.59 3.60 0.00	46.40 3.69 0.00	45.37 3.44 0.00	45.69 3.34 0.00	54.96 2.98 -18.20	58.58 3.25 -18.19	57.67 2.81 -24.10	46.17 1.76 -26.18	48.49 3.23 -9.34	41.21 2.41 -12.51
LINDEN COGEN____ 23786	44.92 0.31 -40.17	49.85 1.89 -18.79	46.56 1.36 -24.67	-208.26 2.21 243.59	43.27 2.11 -11.54	62.31 2.21 -33.88	73.95 4.96 -3.17	73.03 6.33 22.93	60.65 7.72 44.38	72.44 6.12 2.20	39.06 6.76 42.17	39.51 3.96 7.98	43.58 3.76 0.14	39.51 3.68 4.73	44.41 3.87 1.46	39.51 4.00 7.20	39.00 3.70 6.63	39.00 3.57 6.92	39.00 3.17 -2.05	57.38 3.43 -16.82	58.21 2.94 -24.51	39.51 1.87 -19.41	40.88 3.42 -1.54	39.26 2.57 -10.40
LIPA_MISC_IPP 23656	145.87 0.41 -141.03	72.96 2.47 -41.31	92.00 1.89 -69.58	62.70 3.05 -26.53	59.61 2.73 -27.27	114.10 2.63 -85.26	81.47 5.46 -10.19	96.79 7.16 0.00	105.80 8.48 0.00	78.30 6.48 -3.30	102.99 7.82 -20.69	64.34 4.67 -16.13	59.61 4.22 -15.43	52.26 4.08 -7.63	46.07 4.07 0.00	72.64 4.38 -25.56	45.81 3.88 0.00	45.96 3.61 0.00	55.55 3.19 -18.59	59.46 3.74 -18.58	59.97 3.19 -26.02	46.93 1.96 -26.73	68.89 4.06 -28.92	42.15 3.07 -12.79
LISF____SOLAR 323691	145.88 0.41 -141.03	72.99 2.51 -41.31	92.02 1.92 -69.58	62.74 3.09 -26.53	59.65 2.76 -27.27	114.13 2.66 -85.26	81.56 5.55 -10.19	96.90 7.27 0.00	105.89 8.58 0.00	78.35 6.53 -3.30	103.02 7.85 -20.69	64.34 4.67 -16.13	59.61 4.21 -15.43	52.28 4.10 -7.63	46.06 4.07 0.00	72.66 4.40 -25.56	45.85 3.91 0.00	46.02 3.67 0.00	55.60 3.24 -18.59	59.52 3.81 -18.58	60.03 3.25 -26.02	46.95 1.99 -26.73	68.94 4.11 -28.92	42.18 3.10 -12.79
LITTLE FALLS____HYD 24013	4.55 0.12 0.00	30.10 0.92 0.00	21.17 0.65 0.00	34.16 1.03 0.00	30.58 1.04 0.07	18.35 1.27 9.14	65.91 2.86 2.78	92.91 3.29 0.00	100.66 3.34 0.00	70.05 2.37 0.84	76.60 2.13 0.00	44.78 1.25 0.00	41.21 1.25 0.00	41.58 1.03 0.00	42.82 0.83 0.00	43.39 0.68 0.00	42.95 1.01 0.00	43.37 1.02 0.00	34.39 0.97 0.35	37.47 1.04 0.70	31.75 0.99 0.00	18.82 0.58 0.00	34.39 1.00 2.53	26.00 0.81 1.10

LI_NEWBRDGE___DRP 323616	145.87 0.41 -141.03	72.93 2.44 -41.31	91.90 1.80 -69.58	62.49 2.84 -26.53	59.51 2.63 -27.27	114.10 2.63 -85.26	81.59 5.58 -10.19	97.01 7.38 0.00	106.21 8.90 0.00	78.67 6.86 -3.30	103.14 7.97 -20.69	64.36 4.70 -16.13	59.76 4.37 -15.43	52.37 4.18 -7.63	46.27 4.27 0.00	72.86 4.59 -25.56	46.03 4.09 0.00	46.31 3.96 0.00	55.83 3.47 -18.59	59.65 3.94 -18.58	60.13 3.36 -26.02	47.01 2.05 -26.73	68.80 3.97 -28.92	42.07 2.99 -12.79
LOCKPORT___CC1 323769	28.15 -0.04 -23.76	35.74 -0.84 -7.40	32.54 -0.44 -12.45	36.76 -1.12 -4.75	33.76 -0.73 -4.87	39.89 -0.72 -14.40	64.50 -2.88 -1.56	68.76 -3.00 17.87	78.96 -3.81 14.55	65.85 -2.07 0.59	66.82 -1.62 6.03	34.80 -1.14 7.60	28.63 -1.18 10.15	29.49 -1.25 9.82	30.14 -1.28 10.58	33.82 -1.46 7.42	33.14 -1.53 7.25	33.47 -1.60 7.28	29.52 -0.88 3.38	32.18 -0.98 3.98	28.33 -0.38 2.04	19.61 0.09 -1.28	30.91 -0.37 4.63	28.24 0.05 -1.91
LOCKPORT___CC2 323770	28.15 -0.04 -23.76	35.74 -0.84 -7.40	32.54 -0.44 -12.45	36.76 -1.12 -4.75	33.76 -0.73 -4.87	39.89 -0.72 -14.40	64.50 -2.88 -1.56	68.76 -3.00 17.87	78.96 -3.81 14.55	65.85 -2.07 0.59	66.82 -1.62 6.03	34.80 -1.14 7.60	28.63 -1.18 10.15	29.49 -1.25 9.82	30.14 -1.28 10.58	33.82 -1.46 7.42	33.14 -1.53 7.25	33.47 -1.60 7.28	29.52 -0.88 3.38	32.18 -0.98 3.98	28.33 -0.38 2.04	19.61 0.09 -1.28	30.91 -0.37 4.63	28.24 0.05 -1.91
LOCKPORT___CC3 323771	28.15 -0.04 -23.76	35.74 -0.84 -7.40	32.54 -0.44 -12.45	36.76 -1.12 -4.75	33.76 -0.73 -4.87	39.89 -0.72 -14.40	64.50 -2.88 -1.56	68.76 -3.00 17.87	78.96 -3.81 14.55	65.85 -2.07 0.59	66.82 -1.62 6.03	34.80 -1.14 7.60	28.63 -1.18 10.15	29.49 -1.25 9.82	30.14 -1.28 10.58	33.82 -1.46 7.42	33.14 -1.53 7.25	33.47 -1.60 7.28	29.52 -0.88 3.38	32.18 -0.98 3.98	28.33 -0.38 2.04	19.61 0.09 -1.28	30.91 -0.37 4.63	28.24 0.05 -1.91
LONG_LAKE_PHOENIX 24014	16.18 -0.02 -11.77	32.67 -0.17 -3.66	26.59 -0.10 -6.17	35.31 -0.16 -2.35	31.96 -0.05 -2.39	31.44 0.53 -4.69	67.54 1.72 0.00	92.00 2.38 0.00	99.42 2.10 0.00	70.05 1.53 0.00	76.41 1.93 0.00	44.58 1.05 0.00	40.94 0.97 0.00	41.53 0.97 0.00	42.99 0.99 0.00	43.76 1.05 0.00	42.90 0.97 0.00	43.31 0.96 0.00	36.22 0.83 -1.61	39.55 0.93 -1.49	33.92 0.85 -2.32	21.21 0.45 -2.52	36.57 0.63 -0.03	27.57 0.46 -0.83
LOVETT___3 23632	142.91 0.30 -138.18	71.52 1.80 -40.55	90.10 1.29 -68.29	61.19 2.03 -26.04	58.34 1.96 -26.76	111.89 2.12 -83.55	80.49 4.71 -9.96	95.61 5.98 0.00	104.35 7.04 0.00	76.98 5.42 -3.04	80.44 5.96 0.00	47.01 3.48 0.00	43.24 3.28 0.00	43.75 3.20 0.00	45.35 3.35 0.00	46.19 3.48 0.00	45.17 3.24 0.00	45.48 3.13 0.00	54.84 2.82 -18.25	58.43 3.06 -18.23	57.56 2.64 -24.16	46.15 1.67 -26.24	48.34 3.06 -9.36	41.12 2.29 -12.54
LOVETT___4 23642	142.91 0.30 -138.18	71.52 1.80 -40.55	90.10 1.29 -68.29	61.19 2.03 -26.04	58.34 1.96 -26.76	111.89 2.12 -83.55	80.49 4.71 -9.96	95.61 5.98 0.00	104.35 7.04 0.00	76.98 5.42 -3.04	80.44 5.96 0.00	47.01 3.48 0.00	43.24 3.28 0.00	43.75 3.20 0.00	45.35 3.35 0.00	46.19 3.48 0.00	45.17 3.24 0.00	45.48 3.13 0.00	54.84 2.82 -18.25	58.43 3.06 -18.23	57.56 2.64 -24.16	46.15 1.67 -26.24	48.34 3.06 -9.36	41.12 2.29 -12.54
LOVETT___5 23593	142.91 0.30 -138.18	71.52 1.80 -40.55	90.10 1.29 -68.29	61.19 2.03 -26.04	58.34 1.96 -26.76	111.89 2.12 -83.55	80.49 4.71 -9.96	95.61 5.98 0.00	104.35 7.04 0.00	76.98 5.42 -3.04	80.44 5.96 0.00	47.01 3.48 0.00	43.24 3.28 0.00	43.75 3.20 0.00	45.35 3.35 0.00	46.19 3.48 0.00	45.17 3.24 0.00	45.48 3.13 0.00	54.84 2.82 -18.25	58.43 3.06 -18.23	57.56 2.64 -24.16	46.15 1.67 -26.24	48.34 3.06 -9.36	41.12 2.29 -12.54
LOWER_RAQUET___HYD 24057	4.24 -0.19 0.00	28.01 -1.17 0.00	19.75 -0.77 0.00	31.88 -1.24 0.00	28.37 -1.23 0.02	22.07 -1.67 2.47	62.47 -2.61 0.75	86.08 -3.55 0.00	93.10 -4.21 0.00	64.88 -3.41 0.23	70.56 -3.91 0.00	41.21 -2.32 0.00	37.79 -2.17 0.00	38.29 -2.27 0.00	39.65 -2.35 0.00	40.38 -2.33 0.00	39.81 -2.12 0.00	40.32 -2.03 0.00	31.86 -1.81 0.09	35.02 -1.93 0.19	28.99 -1.77 0.00	17.11 -1.12 0.00	33.29 -1.93 0.69	24.49 -1.51 0.30
LOWER___HUDSON 24059	190.77 0.30 -186.04	87.22 2.06 -55.99	116.27 1.45 -94.30	71.44 2.36 -35.96	69.10 2.14 -37.35	192.31 2.12 -163.98	98.79 4.42 -28.55	95.61 5.99 0.00	103.53 6.21 0.00	81.87 4.65 -8.71	78.24 3.76 0.00	46.20 2.67 0.00	42.33 2.37 0.00	42.99 2.44 0.00	44.43 2.43 0.00	45.39 2.68 0.00	44.88 2.95 0.00	45.33 2.98 0.00	63.36 2.57 -27.02	68.87 2.85 -28.89	66.38 2.28 -33.35	55.78 1.32 -36.22	64.94 2.64 -26.39	51.41 1.97 -23.15
LWR___OSWEGATCHIE_HYD 23850	4.30 -0.13 0.00	28.42 -0.76 0.00	20.05 -0.47 0.00	32.34 -0.79 0.00	28.86 -0.74 0.02	23.29 -0.87 2.06	64.19 -0.89 0.74	88.44 -1.19 0.00	95.54 -1.78 0.00	66.56 -1.73 0.22	72.29 -2.19 0.00	42.22 -1.32 0.00	38.68 -1.29 0.00	39.13 -1.42 0.00	40.46 -1.54 0.00	41.25 -1.46 0.00	40.69 -1.25 0.00	41.04 -1.31 0.00	32.85 -1.21 -0.28	36.01 -1.27 -0.15	30.14 -1.14 -0.53	18.06 -0.74 -0.57	33.78 -1.46 0.67	25.01 -1.17 0.10
LYONS_FALL_HYD 23570	4.52 0.09 0.00	29.77 0.60 0.00	20.96 0.44 0.00	33.82 0.70 0.00	30.26 0.69 0.05	21.10 0.78 5.89	66.28 2.25 1.79	92.76 3.14 0.00	100.44 3.13 0.00	70.00 2.03 0.54	76.60 2.12 0.00	44.75 1.21 0.00	40.98 1.02 0.00	41.52 0.96 0.00	43.00 1.00 0.00	43.74 1.04 0.00	43.05 1.12 0.00	43.44 1.09 0.00	34.43 0.88 0.22	37.69 1.01 0.45	31.61 0.85 0.00	18.69 0.45 0.00	34.99 0.71 1.63	26.03 0.44 0.71
MADISON___COUNTY_LFGE 323628	11.09 0.13 -6.54	32.01 0.81 -2.02	24.52 0.59 -3.40	35.36 0.94 -1.30	31.85 0.94 -1.30	26.51 1.05 0.75	67.58 2.77 1.00	93.42 3.80 0.00	101.18 3.87 0.00	70.82 2.60 0.30	77.35 2.88 0.00	45.17 1.64 0.00	41.39 1.43 0.00	41.95 1.39 0.00	43.48 1.48 0.00	44.24 1.53 0.00	43.43 1.50 0.00	43.86 1.51 0.00	35.77 1.29 -0.71	39.09 1.43 -0.52	33.21 1.23 -1.22	20.24 0.67 -1.33	36.13 1.12 0.90	27.09 0.76 -0.04
MAPLE_RIDGE_WT_1 323574	-1.19 -0.09 5.54	27.14 -0.28 1.76	17.47 -0.10 2.96	31.84 -0.15 1.13	28.24 -0.13 1.26	10.86 -0.14 15.21	61.65 -0.21 3.96	89.38 -0.24 0.00	97.02 -0.29 0.00	67.07 -0.25 1.19	74.22 -0.26 0.00	43.36 -0.17 0.00	39.80 -0.16 0.00	40.37 -0.18 0.00	41.65 -0.34 0.00	42.25 -0.45 0.00	41.50 -0.43 0.00	41.78 -0.57 0.00	31.70 -0.85 1.23	34.22 -1.23 1.68	28.72 -0.99 1.05	16.54 -0.57 1.13	31.06 -1.23 3.62	23.48 -0.87 1.94
MAPLE_RIDGE_WT_2 323611	-1.19 -0.09 5.54	27.14 -0.28 1.76	17.47 -0.10 2.96	31.84 -0.15 1.13	28.24 -0.13 1.26	10.86 -0.14 15.21	61.65 -0.21 3.96	89.38 -0.24 0.00	97.02 -0.29 0.00	67.07 -0.25 1.19	74.22 -0.26 0.00	43.36 -0.17 0.00	39.80 -0.16 0.00	40.37 -0.18 0.00	41.65 -0.34 0.00	42.25 -0.45 0.00	41.50 -0.43 0.00	41.78 -0.57 0.00	31.70 -0.85 1.23	34.22 -1.23 1.68	28.72 -0.99 1.05	16.54 -0.57 1.13	31.06 -1.23 3.62	23.48 -0.87 1.94

MARBLE_RIVER_WT_PWR 323696	4.34 -0.09 0.00	28.77 -0.40 0.00	20.30 -0.22 0.00	32.87 -0.25 0.00	29.37 -0.23 0.02	23.24 -0.47 2.50	64.37 -0.69 0.76	88.89 -0.74 0.00	96.86 -0.46 0.00	67.67 -0.62 0.23	73.67 -0.80 0.00	43.10 -0.43 0.00	39.51 -0.46 0.00	40.04 -0.51 0.00	41.53 -0.46 0.00	42.26 -0.44 0.00	41.56 -0.37 0.00	42.11 -0.25 0.00	33.32 -0.36 0.09	36.21 -0.73 0.19	29.77 -0.99 0.00	17.45 -0.79 0.00	34.78 -0.44 0.69	25.57 -0.42 0.30
MARSH_HILL_WT_PWR 323713	35.01 0.17 -30.40	39.58 0.94 -9.46	37.19 0.72 -15.94	40.12 0.92 -6.08	36.91 1.05 -6.24	46.06 1.18 -18.67	69.89 1.99 -2.07	149.27 2.49 -57.16	145.94 1.76 -46.85	74.56 2.01 -4.04	96.76 2.84 -19.45	69.35 1.34 -24.48	73.79 1.13 -32.69	72.95 0.80 -31.59	76.83 0.82 -34.02	67.15 0.61 -23.83	65.43 0.35 -23.14	65.72 0.13 -23.24	59.73 0.52 -25.44	64.86 0.52 -27.20	57.70 0.76 -26.18	37.52 0.30 -18.99	57.54 0.23 -21.40	30.32 0.30 -3.73
MG_INDUSTRY___DRP 24185	167.13 0.26 -162.44	79.47 1.76 -48.54	103.50 1.24 -81.74	66.26 1.97 -31.17	63.61 1.73 -32.26	155.55 1.66 -127.68	89.64 3.47 -20.34	94.03 4.41 0.00	101.99 4.67 0.00	78.33 3.57 -6.25	77.57 3.10 0.00	45.61 2.08 0.00	41.83 1.87 0.00	42.38 1.82 0.00	43.77 1.77 0.00	44.67 1.96 0.00	44.13 2.20 0.00	44.57 2.22 0.00	58.58 1.93 -22.88	63.18 2.11 -23.93	61.39 1.72 -28.91	50.66 1.03 -31.40	56.78 1.99 -18.87	46.14 1.51 -18.33
MID___OSWEGATCHIE_HYD 23849	4.30 -0.13 0.00	28.42 -0.76 0.00	20.05 -0.47 0.00	32.34 -0.79 0.00	28.86 -0.74 0.02	23.29 -0.87 2.06	64.19 -0.89 0.74	88.44 -1.19 0.00	95.54 -1.78 0.00	66.56 -1.73 0.22	72.29 -2.19 0.00	42.22 -1.32 0.00	38.68 -1.29 0.00	39.13 -1.42 0.00	40.46 -1.54 0.00	41.25 -1.46 0.00	40.69 -1.25 0.00	41.04 -1.31 0.00	32.85 -1.21 -0.28	36.01 -1.27 -0.15	30.14 -1.14 -0.53	18.06 -0.74 -0.57	33.78 -1.46 0.67	25.01 -1.17 0.10
MID___RAQUETTE_HYD 23851	4.24 -0.19 0.00	28.01 -1.17 0.00	19.75 -0.77 0.00	31.88 -1.24 0.00	28.37 -1.23 0.02	22.07 -1.67 2.47	62.47 -2.61 0.75	86.08 -3.55 0.00	93.10 -4.21 0.00	64.88 -3.41 0.23	70.56 -3.91 0.00	41.21 -2.32 0.00	37.79 -2.17 0.00	38.29 -2.27 0.00	39.65 -2.35 0.00	40.38 -2.33 0.00	39.81 -2.12 0.00	40.32 -2.03 0.00	31.86 -1.81 0.09	35.02 -1.93 0.19	28.99 -1.77 0.00	17.11 -1.12 0.00	33.29 -1.93 0.69	24.49 -1.51 0.30
MILLIKEN___1 23584	33.59 0.16 -29.00	39.17 0.97 -9.03	36.42 0.69 -15.21	40.00 1.08 -5.80	36.72 1.15 -5.95	45.28 1.27 -17.80	70.70 2.91 -1.97	98.51 4.47 -4.42	105.08 4.50 -3.27	72.41 3.07 -0.82	79.67 3.82 -1.38	47.38 2.12 -1.73	44.12 1.84 -2.31	44.63 1.84 -2.23	46.36 1.96 -2.40	46.35 1.91 -1.73	45.63 1.89 -1.81	45.94 1.77 -1.81	40.81 1.60 -5.45	44.48 1.79 -5.55	39.16 1.52 -6.88	25.78 0.86 -6.69	40.61 1.43 -3.27	30.06 1.01 -2.76
MILLIKEN___2 23585	33.59 0.16 -29.00	39.17 0.97 -9.03	36.42 0.69 -15.21	40.00 1.08 -5.80	36.72 1.15 -5.95	45.28 1.27 -17.80	70.70 2.91 -1.97	98.51 4.47 -4.42	105.08 4.50 -3.27	72.41 3.07 -0.82	79.67 3.82 -1.38	47.38 2.12 -1.73	44.12 1.84 -2.31	44.63 1.84 -2.23	46.36 1.96 -2.40	46.35 1.91 -1.73	45.63 1.89 -1.81	45.94 1.77 -1.81	40.81 1.60 -5.45	44.48 1.79 -5.55	39.16 1.52 -6.88	25.78 0.86 -6.69	40.61 1.43 -3.27	30.06 1.01 -2.76
MILLIKEN___DIESEL 23629	33.59 0.16 -29.00	39.17 0.97 -9.03	36.42 0.69 -15.21	40.00 1.08 -5.80	36.72 1.15 -5.95	45.28 1.27 -17.80	70.70 2.91 -1.97	98.51 4.47 -4.42	105.08 4.50 -3.27	72.41 3.07 -0.82	79.67 3.82 -1.38	47.38 2.12 -1.73	44.12 1.84 -2.31	44.63 1.84 -2.23	46.36 1.96 -2.40	46.35 1.91 -1.73	45.63 1.89 -1.81	45.94 1.77 -1.81	40.81 1.60 -5.45	44.48 1.79 -5.55	39.16 1.52 -6.88	25.78 0.86 -6.69	40.61 1.43 -3.27	30.06 1.01 -2.76
MILLSEAT___LFGE 323607	27.04 0.04 -22.57	35.93 -0.27 -7.02	32.31 -0.05 -11.83	37.18 -0.45 -4.51	34.12 -0.12 -4.63	39.74 -0.10 -13.63	66.17 -1.12 -1.47	75.02 -0.52 14.08	84.69 -1.17 11.46	67.86 -0.26 0.40	70.07 0.35 4.75	37.56 0.01 5.98	31.84 -0.12 8.00	32.64 -0.17 7.74	33.46 -0.20 8.33	36.48 -0.38 5.85	35.69 -0.53 5.72	36.00 -0.61 5.74	31.55 -0.09 2.14	34.47 -0.05 2.62	30.20 0.34 0.90	20.53 0.48 -1.82	32.85 0.37 3.43	28.65 0.51 -1.85
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	145.34 0.33 -140.58	72.31 1.94 -41.19	91.29 1.39 -69.38	61.80 2.23 -26.46	58.93 2.12 -27.19	113.45 2.23 -85.00	80.99 5.02 -10.15	96.05 6.42 0.00	104.92 7.60 0.00	77.48 5.86 -3.10	80.83 6.35 0.00	47.24 3.70 0.00	43.43 3.46 0.00	43.94 3.38 0.00	45.52 3.53 0.00	46.37 3.66 0.00	45.36 3.43 0.00	45.68 3.33 0.00	55.25 2.95 -18.53	58.85 3.20 -18.52	58.02 2.75 -24.52	46.59 1.72 -26.64	48.62 3.17 -9.54	41.40 2.37 -12.75
MODEL_CITY_ENERGY 24167	28.39 -0.10 -24.06	35.46 -1.21 -7.49	32.44 -0.69 -12.61	36.40 -1.53 -4.81	33.44 -1.12 -4.94	39.73 -1.07 -14.59	63.63 -3.77 -1.58	67.79 -4.17 17.66	77.83 -5.11 14.38	64.94 -3.01 0.57	65.85 -2.66 5.97	34.28 -1.75 7.51	28.21 -1.72 10.04	29.07 -1.77 9.71	29.72 -1.82 10.46	33.33 -2.04 7.34	32.68 -2.08 7.17	32.99 -2.16 7.20	29.19 -1.32 3.26	31.81 -1.46 3.85	28.07 -0.77 1.91	19.56 -0.05 -1.37	30.69 -0.68 4.54	28.02 -0.21 -1.94
MODERN_LFGE___ 323580	28.39 -0.10 -24.06	35.46 -1.21 -7.49	32.44 -0.69 -12.61	36.40 -1.53 -4.81	33.44 -1.12 -4.94	39.73 -1.07 -14.59	63.63 -3.77 -1.58	67.79 -4.17 17.66	77.83 -5.11 14.38	64.94 -3.01 0.57	65.85 -2.66 5.97	34.28 -1.75 7.51	28.21 -1.72 10.04	29.07 -1.77 9.71	29.72 -1.82 10.46	33.33 -2.04 7.34	32.68 -2.08 7.17	32.99 -2.16 7.20	29.19 -1.32 3.26	31.81 -1.46 3.85	28.07 -0.77 1.91	19.56 -0.05 -1.37	30.69 -0.68 4.54	28.02 -0.21 -1.94
MOHAWK_PAPER___DRP 24187	186.07 0.32 -181.32	85.85 2.12 -54.55	113.89 1.49 -91.88	70.54 2.38 -35.04	68.15 2.16 -36.37	185.50 2.11 -157.18	97.33 4.47 -27.03	95.56 5.94 0.00	103.66 6.34 0.00	81.58 4.77 -8.29	78.43 3.96 0.00	46.25 2.71 0.00	42.39 2.42 0.00	43.03 2.47 0.00	44.41 2.41 0.00	45.37 2.66 0.00	44.86 2.93 0.00	45.33 2.98 0.00	62.56 2.55 -26.23	67.89 2.80 -27.95	65.52 2.27 -32.49	54.88 1.35 -35.29	63.55 2.64 -25.00	50.53 1.99 -22.25
MONGAUP___HYD 23641	138.40 0.28 -133.70	70.18 1.65 -39.35	87.97 1.17 -66.28	60.26 1.86 -25.27	57.38 1.79 -25.97	108.98 1.88 -80.88	79.50 4.07 -9.60	95.45 5.83 0.00	103.85 6.53 0.00	76.24 4.79 -2.93	79.64 5.17 0.00	46.77 3.24 0.00	43.02 3.05 0.00	43.43 2.88 0.00	45.21 3.21 0.00	46.04 3.33 0.00	44.76 2.83 0.00	45.16 2.81 0.00	53.94 2.46 -17.71	57.60 2.77 -17.69	56.63 2.42 -23.45	45.24 1.53 -25.47	47.87 2.93 -9.03	40.74 2.30 -12.15
MONTAUK___DIESEL 23721	146.01 0.55 -141.03	73.94 3.45 -41.31	92.70 2.60 -69.58	63.89 4.24 -26.53	60.69 3.81 -27.27	115.11 3.64 -85.26	84.00 7.99 -10.19	100.32 10.69 0.00	109.41 12.09 0.00	80.77 8.95 -3.30	105.59 10.42 -20.69	65.79 6.13 -16.13	60.89 5.49 -15.43	53.55 5.37 -7.63	47.47 5.48 0.00	74.02 5.76 -25.56	47.26 5.33 0.00	47.47 5.12 0.00	56.79 4.43 -18.59	60.89 5.18 -18.58	61.14 4.36 -26.02	47.60 2.64 -26.73	70.15 5.32 -28.92	43.02 3.94 -12.79



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	145.80 0.35 -141.02	72.60 2.12 -41.31	91.61 1.52 -69.57	62.09 2.44 -26.53	59.20 2.32 -27.26	113.85 2.39 -85.25	81.37 5.36 -10.18	96.54 6.92 0.00	105.65 8.33 0.00	78.10 6.47 -3.11	81.53 7.05 0.00	47.67 4.13 0.00	43.84 3.87 0.00	44.35 3.79 0.00	45.96 3.97 0.00	46.80 4.09 0.00	45.77 3.84 0.00	46.09 3.73 0.00	55.61 3.25 -18.59	59.21 3.50 -18.58	58.36 3.00 -24.60	46.84 1.88 -26.72	48.95 3.46 -9.57	41.68 2.60 -12.79
MUNSVILLE_WIND_PWR 323609	48.49 0.43 -43.62	45.60 2.85 -13.57	45.43 2.05 -22.86	45.07 3.23 -8.72	41.85 3.26 -8.97	59.14 3.42 -29.51	78.59 8.96 -3.80	113.51 18.71 -5.17	118.23 17.44 -3.48	80.12 10.28 -1.33	88.40 12.32 -1.61	52.60 7.05 -2.02	48.94 6.28 -2.70	49.32 6.15 -2.61	51.17 6.37 -2.81	50.49 5.77 -2.02	49.56 5.51 -2.12	49.98 5.50 -2.13	44.50 4.62 -6.11	48.12 4.65 -6.34	43.05 3.24 -9.05	29.28 1.78 -9.26	43.49 3.11 -4.47	33.00 2.28 -4.43
N SALMON___HYD 24042	4.40 -0.03 0.00	29.19 0.01 0.00	20.61 0.08 0.00	33.31 0.19 0.00	29.75 0.15 0.02	23.54 -0.19 2.49	65.42 0.35 0.76	90.36 0.73 0.00	97.99 0.67 0.00	68.37 0.08 0.23	74.36 -0.11 0.00	43.43 -0.10 0.00	39.82 -0.15 0.00	40.32 -0.23 0.00	41.79 -0.20 0.00	42.51 -0.19 0.00	41.88 -0.06 0.00	42.48 0.13 0.00	33.64 -0.03 0.09	36.70 -0.25 0.19	30.26 -0.49 0.00	17.80 -0.44 0.00	35.10 -0.13 0.69	25.78 -0.21 0.30
N.E._GEN_SANDY PD 24062	166.36 0.31 -161.63	76.70 1.93 -45.60	102.33 1.38 -80.42	66.03 2.24 -30.67	63.35 2.05 -31.68	143.41 2.07 -115.12	71.00 4.35 -0.83	95.35 5.72 0.00	96.92 6.47 6.87	80.67 4.94 -7.21	76.15 4.26 2.59	46.28 2.75 0.00	42.40 2.44 0.00	42.97 2.42 0.00	44.45 2.45 0.00	45.39 2.68 0.00	44.66 2.72 0.00	45.03 2.68 0.00	58.35 2.33 -22.24	62.69 2.55 -23.01	61.30 2.10 -28.44	50.42 1.29 -30.89	55.32 2.50 -16.91	44.68 1.93 -16.46
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	142.74 0.30 -138.00	71.51 1.83 -40.50	90.04 1.31 -68.21	61.20 2.07 -26.01	58.35 2.00 -26.73	111.82 2.17 -83.44	80.59 4.83 -9.94	95.76 6.14 0.00	104.50 7.18 0.00	77.08 5.53 -3.03	80.57 6.10 0.00	47.09 3.56 0.00	43.30 3.34 0.00	43.82 3.26 0.00	45.43 3.43 0.00	46.26 3.55 0.00	45.24 3.31 0.00	45.55 3.20 0.00	54.89 2.88 -18.23	58.48 3.13 -18.21	57.59 2.70 -24.13	46.15 1.70 -26.21	48.39 3.13 -9.35	41.16 2.33 -12.53
NARROWS_GT1_1 24228	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.70 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT1_2 24229	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT1_3 24230	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT1_4 24231	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT1_5 24232	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT1_6 24233	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT1_7 24234	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT1_8 24235	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT2_1 24236	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT2_2 24237	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79

NARROWS_GT2_3 24238	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT2_4 24239	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT2_5 24240	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT2_6 24241	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT2_7 24242	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NARROWS_GT2_8 24243	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	156.10 0.42 -151.25	76.72 2.72 -44.82	97.95 1.94 -75.49	65.00 3.10 -28.79	62.15 2.83 -29.70	135.61 2.76 -106.63	87.56 6.38 -15.35	98.18 8.56 0.00	105.74 8.42 0.00	79.07 5.84 -4.71	80.65 6.17 0.00	47.32 3.79 0.00	43.43 3.47 0.00	43.99 3.44 0.00	45.35 3.36 0.00	46.28 3.57 0.00	45.70 3.77 0.00	46.33 3.98 0.00	57.88 3.41 -20.70	62.11 3.74 -21.24	60.54 3.09 -26.70	49.06 1.82 -28.99	53.66 3.45 -14.30	44.43 2.56 -15.58
NEG CAPITAL___MECHNVIL 23645	195.44 0.38 -190.63	89.12 2.50 -57.45	119.03 1.76 -96.75	72.86 2.85 -36.90	70.57 2.61 -38.34	199.12 2.58 -170.33	101.51 5.75 -29.93	97.47 7.85 0.00	104.90 7.58 0.00	82.79 5.43 -8.84	79.12 4.64 0.00	46.72 3.18 0.00	42.86 2.90 0.00	43.51 2.96 0.00	44.96 2.97 0.00	46.23 3.52 0.00	45.81 3.87 0.00	46.33 3.97 0.00	65.00 3.42 -27.80	70.73 3.80 -29.80	68.02 3.05 -34.21	57.14 1.74 -37.16	66.96 3.39 -27.66	52.79 2.49 -24.01
NEG CENTRAL_HIGH_ACRES 23767	21.50 -0.05 -17.13	33.96 -0.55 -5.33	29.17 -0.33 -8.98	35.91 -0.63 -3.42	32.73 -0.40 -3.51	36.04 -0.28 -10.11	65.91 -0.95 -1.04	88.82 -0.80 0.00	96.17 -1.15 0.00	68.29 -0.54 -0.31	74.21 -0.27 0.00	43.31 -0.23 0.00	39.70 -0.27 0.00	40.31 -0.25 0.00	41.71 -0.29 0.00	42.35 -0.35 0.00	41.52 -0.41 0.00	41.88 -0.47 0.00	35.92 -0.19 -2.34	39.26 -0.19 -2.31	33.92 -0.02 -3.18	21.80 -0.01 -3.58	36.56 -0.34 -0.99	27.66 -0.18 -1.55
NEG CENTRAL___DRP 24199	23.61 0.07 -19.11	35.47 0.35 -5.95	30.80 0.26 -10.01	37.28 0.34 -3.82	34.03 0.49 -3.92	38.15 0.65 -11.29	68.18 1.19 -1.16	97.16 1.64 -5.90	103.77 1.60 -4.85	70.63 1.40 -0.70	78.44 1.95 -2.01	47.14 1.07 -2.54	44.24 0.89 -3.38	44.67 0.84 -3.27	46.49 0.97 -3.52	46.11 0.93 -2.46	45.14 0.82 -2.38	45.43 0.68 -2.39	39.34 0.77 -4.80	42.95 0.87 -4.94	37.24 0.83 -5.66	23.88 0.45 -5.19	39.64 0.64 -3.09	28.59 0.48 -1.82
NEG CENTRAL___INDECK 23768	30.08 0.24 -25.41	38.42 1.34 -7.91	34.85 1.01 -13.32	39.60 1.40 -5.08	36.33 1.49 -5.21	43.18 1.51 -15.45	70.77 3.26 -1.69	154.23 4.76 -59.84	150.86 4.57 -48.97	76.31 3.72 -4.08	99.36 4.55 -20.33	71.64 2.52 -25.59	76.40 2.27 -34.17	75.73 2.15 -33.03	79.75 2.19 -35.56	69.72 2.09 -24.93	67.93 1.75 -24.24	68.23 1.54 -24.35	61.17 1.64 -25.75	66.68 1.94 -27.61	58.87 1.88 -26.24	37.92 1.02 -18.66	59.46 1.58 -21.96	30.83 1.25 -3.29
NEG CENTRAL___SENECA 23627	25.60 0.09 -21.08	36.25 0.51 -6.56	31.95 0.38 -11.05	37.85 0.51 -4.21	34.60 0.66 -4.32	39.66 0.83 -12.63	68.71 1.55 -1.34	101.00 2.12 -9.26	106.99 2.03 -7.64	71.39 1.91 -0.96	80.13 2.48 -3.17	48.89 1.36 -3.99	46.48 1.19 -5.33	46.78 1.08 -5.15	48.74 1.20 -5.54	47.77 1.19 -3.88	46.68 1.01 -3.74	46.96 0.85 -3.76	41.05 0.95 -6.32	44.76 1.05 -6.57	39.04 1.06 -7.22	25.13 0.56 -6.34	41.09 0.79 -4.39	28.98 0.63 -2.07
NEG CENTRAL___STATE_STREET 24147	23.24 0.13 -18.67	35.69 0.70 -5.81	30.82 0.51 -9.79	37.64 0.78 -3.73	34.39 0.94 -3.83	38.24 1.05 -10.98	69.10 2.15 -1.12	95.08 3.00 -2.46	102.58 3.31 -1.95	71.27 2.27 -0.48	78.28 3.00 -0.82	46.25 1.69 -1.03	42.70 1.37 -1.37	43.26 1.39 -1.32	44.98 1.57 -1.42	45.19 1.48 -1.01	44.49 1.56 -1.00	44.71 1.36 -1.00	38.42 1.21 -3.43	42.08 1.48 -3.47	36.30 1.21 -4.34	23.28 0.72 -4.33	38.98 1.20 -1.87	28.83 0.82 -1.72
NEG MILLWOOD___DRP 24198	147.33 0.39 -142.51	73.27 2.32 -41.78	92.55 1.66 -70.36	62.61 2.66 -26.83	59.73 2.53 -27.59	116.38 2.62 -87.55	82.60 6.07 -10.70	97.61 7.99 0.00	106.96 9.65 0.00	79.13 7.33 -3.28	82.42 7.94 0.00	48.09 4.55 0.00	44.18 4.22 0.00	44.59 4.04 0.00	46.02 4.02 0.00	46.86 4.15 0.00	45.88 3.95 0.00	46.26 3.91 0.00	56.03 3.40 -18.85	59.74 3.71 -18.89	58.80 3.16 -24.88	47.21 1.95 -27.03	49.52 3.56 -10.05	42.03 2.65 -13.09
NEG NORTH_FLCN_SEA 23793	4.51 0.08 0.00	29.90 0.73 0.00	21.11 0.59 0.00	34.15 1.03 0.00	30.58 0.99 0.02	24.27 0.55 2.50	66.73 1.66 0.76	92.14 2.52 0.00	100.33 3.01 0.00	70.08 1.79 0.23	76.14 1.66 0.00	44.64 1.10 0.00	40.81 0.85 0.00	41.29 0.73 0.00	42.90 0.91 0.00	43.76 1.06 0.00	43.09 1.16 0.00	43.76 1.41 0.00	34.70 1.02 0.09	37.64 0.70 0.19	30.95 0.19 0.00	18.03 -0.20 0.00	35.90 0.68 0.69	26.54 0.55 0.30

NEG NORTH_KES_CHATEGAY 23792	4.36 -0.07 0.00	28.92 -0.26 0.00	20.42 -0.11 0.00	33.03 -0.09 0.00	29.51 -0.09 0.02	23.35 -0.37 2.50	64.66 -0.40 0.76	89.30 -0.32 0.00	97.10 -0.22 0.00	67.75 -0.54 0.23	73.67 -0.80 0.00	43.07 -0.46 0.00	39.51 -0.46 0.00	40.01 -0.54 0.00	41.52 -0.47 0.00	42.26 -0.45 0.00	41.60 -0.33 0.00	42.24 -0.11 0.00	33.45 -0.23 0.09	36.40 -0.54 0.19	29.96 -0.80 0.00	17.60 -0.64 0.00	34.93 -0.30 0.69	25.66 -0.33 0.30
NEG NORTH___ALICE_FALLS 23915	4.50 0.07 0.00	29.85 0.68 0.00	21.08 0.56 0.00	34.09 0.97 0.00	30.53 0.93 0.02	24.24 0.52 2.50	66.75 1.69 0.76	92.22 2.60 0.00	100.29 2.97 0.00	70.00 1.72 0.23	76.03 1.55 0.00	44.52 0.98 0.00	40.71 0.74 0.00	41.20 0.65 0.00	42.82 0.83 0.00	43.62 0.92 0.00	43.00 1.07 0.00	43.71 1.36 0.00	34.68 1.00 0.09	37.65 0.71 0.19	30.96 0.21 0.00	18.05 -0.18 0.00	35.91 0.69 0.69	26.50 0.51 0.30
NEG NORTH___LWR_SARANAC 23913	4.50 0.07 0.00	29.85 0.68 0.00	21.08 0.56 0.00	34.09 0.97 0.00	30.53 0.93 0.02	24.24 0.52 2.50	66.75 1.69 0.76	92.22 2.60 0.00	100.29 2.97 0.00	70.00 1.72 0.23	76.03 1.55 0.00	44.52 0.98 0.00	40.71 0.74 0.00	41.20 0.65 0.00	42.82 0.83 0.00	43.62 0.92 0.00	43.00 1.07 0.00	43.71 1.36 0.00	34.68 1.00 0.09	37.65 0.71 0.19	30.96 0.21 0.00	18.05 -0.18 0.00	35.91 0.69 0.69	26.50 0.51 0.30
NEG NORTH___PLATTSBURG 23628	4.50 0.07 0.00	29.85 0.68 0.00	21.08 0.56 0.00	34.09 0.97 0.00	30.53 0.93 0.02	24.24 0.52 2.50	66.75 1.69 0.76	92.22 2.60 0.00	100.29 2.97 0.00	70.00 1.72 0.23	76.03 1.55 0.00	44.52 0.98 0.00	40.71 0.74 0.00	41.20 0.65 0.00	42.82 0.83 0.00	43.62 0.92 0.00	43.00 1.07 0.00	43.71 1.36 0.00	34.68 1.00 0.09	37.65 0.71 0.19	30.96 0.21 0.00	18.05 -0.18 0.00	35.91 0.69 0.69	26.50 0.51 0.30
NEG WEST_LEA_LOCKPORT 23791	28.15 -0.04 -23.76	35.74 -0.84 -7.40	32.54 -0.44 -12.45	36.76 -1.12 -4.75	33.76 -0.73 -4.87	39.89 -0.72 -14.40	64.50 -2.88 -1.56	68.76 -3.00 17.87	78.96 -3.81 14.55	65.85 -2.07 0.59	66.82 -1.62 6.03	34.80 -1.14 7.60	28.63 -1.18 10.15	29.49 -1.25 9.82	30.14 -1.28 10.58	33.82 -1.46 7.42	33.14 -1.53 7.25	33.47 -1.60 7.28	29.52 -0.88 3.38	32.18 -0.98 3.98	28.33 -0.38 2.04	19.61 0.09 -1.28	30.91 -0.37 4.63	28.24 0.05 -1.91
NEG WEST___LANCASTR 23811	31.97 0.11 -27.43	38.06 0.34 -8.54	35.14 0.23 -14.38	38.66 0.05 -5.49	35.59 0.35 -5.63	43.47 0.50 -16.76	67.40 -0.27 -1.84	72.59 0.00 17.04	82.75 -0.72 13.85	68.31 0.25 0.46	69.95 1.22 5.75	36.91 0.61 7.24	30.67 0.38 9.67	31.38 0.18 9.36	32.34 0.43 10.08	36.06 0.43 7.08	35.13 0.11 6.92	35.28 -0.12 6.95	31.62 0.40 2.56	34.28 0.27 3.13	30.45 0.76 1.06	20.90 0.49 -2.17	32.40 0.57 4.09	29.31 0.75 -2.27
NEG_PENN_ALLEGHNY 23528	50.11 0.10 -45.58	44.00 0.63 -14.19	44.87 0.45 -23.90	42.88 0.65 -9.11	39.70 0.72 -9.36	55.89 0.93 -28.75	70.93 1.78 -3.33	92.16 2.54 0.00	99.81 2.49 0.00	71.64 2.12 -1.00	77.25 2.78 0.00	45.04 1.50 0.00	41.27 1.30 0.00	41.68 1.12 0.00	43.27 1.28 0.00	43.97 1.26 0.00	43.02 1.09 0.00	43.27 0.92 0.00	41.21 1.02 -6.42	44.58 1.06 -6.39	40.34 1.13 -8.45	27.91 0.64 -9.03	40.07 1.02 -3.14	31.42 0.80 -4.33
NEG___GEN_MONROE 24207	22.59 0.08 -18.08	34.99 0.19 -5.63	30.22 0.22 -9.48	36.88 0.15 -3.62	33.66 0.34 -3.71	37.33 0.38 -10.74	67.48 0.53 -1.12	91.04 1.42 0.00	98.47 1.15 0.00	70.03 1.18 -0.34	76.14 1.67 0.00	44.43 0.90 0.00	40.70 0.73 0.00	41.29 0.74 0.00	42.76 0.77 0.00	43.39 0.68 0.00	42.49 0.55 0.00	42.83 0.48 0.00	36.90 0.65 -2.48	40.33 0.75 -2.45	34.93 0.82 -3.36	22.58 0.54 -3.81	37.63 0.65 -1.06	28.53 0.60 -1.64
NEPA___ENERGY 23901	32.02 0.04 -27.55	37.81 0.06 -8.58	35.03 0.06 -14.44	38.37 -0.26 -5.51	35.25 -0.02 -5.65	43.40 0.36 -16.83	67.04 -0.64 -1.85	69.83 -0.64 19.15	80.18 -1.55 15.58	67.67 -0.27 0.58	68.77 0.76 6.47	35.67 0.27 8.14	29.14 0.07 10.88	29.83 -0.19 10.53	30.70 0.05 11.34	34.69 -0.05 7.96	33.79 -0.36 7.78	33.89 -0.65 7.81	30.57 0.13 3.33	33.07 -0.09 3.97	29.43 0.48 1.80	20.31 0.34 -1.74	31.38 0.27 4.80	29.09 0.56 -2.25
NEVERSINK___HYD 23608	136.63 0.38 -131.82	70.48 2.32 -38.99	87.83 1.64 -65.66	60.76 2.60 -25.04	57.87 2.50 -25.75	111.27 2.62 -82.44	82.25 6.20 -10.22	97.63 8.01 0.00	106.39 9.07 0.00	78.36 6.73 -3.12	81.81 7.34 0.00	47.61 4.08 0.00	43.74 3.77 0.00	44.02 3.47 0.00	45.72 3.73 0.00	46.32 3.61 0.00	45.25 3.32 0.00	45.71 3.36 0.00	54.40 3.00 -17.62	58.13 3.31 -17.69	56.85 2.88 -23.22	45.24 1.78 -25.22	48.70 3.20 -9.59	40.95 2.35 -12.31
NEWTON___FALLS_HYD 23847	4.30 -0.13 0.00	28.42 -0.76 0.00	20.05 -0.47 0.00	32.34 -0.79 0.00	28.86 -0.74 0.02	23.29 -0.87 2.06	64.19 -0.89 0.74	88.44 -1.19 0.00	95.54 -1.78 0.00	66.56 -1.73 0.22	72.29 -2.19 0.00	42.22 -1.32 0.00	38.68 -1.29 0.00	39.13 -1.42 0.00	40.46 -1.54 0.00	41.25 -1.46 0.00	40.69 -1.25 0.00	41.04 -1.31 0.00	32.85 -1.21 -0.28	36.01 -1.27 -0.15	30.14 -1.14 -0.53	18.06 -0.74 -0.57	33.78 -1.46 0.67	25.01 -1.17 0.10
NIAGARA_115E_LBMP 323715	28.60 -0.13 -24.30	35.31 -1.43 -7.56	32.42 -0.84 -12.74	36.20 -1.78 -4.86	33.27 -1.33 -4.99	39.67 -1.28 -14.74	63.07 -4.35 -1.60	66.63 -4.92 18.07	76.69 -5.91 14.71	64.33 -3.59 0.59	65.07 -3.30 6.10	33.73 -2.11 7.68	27.63 -2.06 10.27	28.52 -2.10 9.94	29.13 -2.17 10.70	32.81 -2.39 7.51	32.18 -2.41 7.34	32.49 -2.49 7.37	28.80 -1.60 3.38	31.39 -1.76 3.99	27.72 -1.02 2.02	19.42 -0.15 -1.34	30.36 -0.88 4.67	27.88 -0.37 -1.95
NIAGARA_115W_LBMP 323714	28.48 -0.15 -24.19	35.17 -1.55 -7.54	32.29 -0.93 -12.69	36.07 -1.90 -4.85	33.14 -1.45 -4.98	39.50 -1.40 -14.68	62.79 -4.63 -1.59	66.42 -5.06 18.15	76.38 -6.16 14.77	64.03 -3.89 0.60	64.73 -3.61 6.13	33.59 -2.23 7.72	27.52 -2.13 10.31	28.43 -2.15 9.98	29.08 -2.18 10.74	32.83 -2.34 7.54	32.22 -2.34 7.37	32.56 -2.40 7.40	28.82 -1.56 3.39	31.39 -1.73 4.00	27.71 -1.02 2.03	19.30 -0.25 -1.31	30.19 -1.03 4.69	27.78 -0.46 -1.95
NIAGARA_230_LBMP 323716	28.51 -0.09 -24.17	35.52 -1.18 -7.52	32.51 -0.69 -12.67	36.47 -1.49 -4.83	33.49 -1.08 -4.96	39.82 -1.05 -14.67	63.63 -3.79 -1.59	67.74 -4.23 17.66	77.79 -5.15 14.37	64.87 -3.08 0.57	65.77 -2.74 5.96	34.25 -1.77 7.51	28.18 -1.75 10.03	29.03 -1.82 9.71	29.72 -1.82 10.45	33.38 -1.99 7.34	32.75 -2.02 7.17	33.08 -2.07 7.20	29.25 -1.28 3.24	31.88 -1.41 3.84	28.11 -0.76 1.89	19.43 -0.19 -1.39	30.52 -0.86 4.53	28.00 -0.24 -1.95
NIAGARA____ 23760	28.53 -0.12 -24.22	35.39 -1.33 -7.54	32.44 -0.78 -12.70	36.32 -1.65 -4.84	33.36 -1.23 -4.97	39.72 -1.18 -14.69	63.34 -4.08 -1.60	67.26 -4.53 17.84	77.26 -5.54 14.52	64.58 -3.36 0.58	65.41 -3.03 6.03	34.02 -1.92 7.59	27.96 -1.87 10.14	28.82 -1.93 9.80	29.49 -1.95 10.55	33.15 -2.15 7.41	32.52 -2.17 7.24	32.84 -2.24 7.27	29.07 -1.41 3.30	31.66 -1.57 3.90	27.94 -0.87 1.94	19.43 -0.19 -1.39	30.45 -0.90 4.56	27.89 -0.35 -1.96

NINE_MILE_1 23575	13.93 -0.07 -9.57	31.63 -0.53 -2.98	25.18 -0.36 -5.02	34.48 -0.56 -1.91	31.15 -0.42 -1.95	29.63 -0.31 -3.73	64.88 -0.94 0.00	88.42 -1.21 0.00	95.94 -1.38 0.00	67.63 -0.89 0.00	73.62 -0.85 0.00	43.01 -0.52 0.00	39.48 -0.48 0.00	40.13 -0.42 0.00	41.56 -0.43 0.00	42.25 -0.46 0.00	41.46 -0.47 0.00	41.83 -0.52 0.00	34.67 -0.34 -1.23	37.90 -0.38 -1.14	32.25 -0.27 -1.77	19.98 -0.17 -1.92	35.48 -0.45 -0.02	26.60 -0.32 -0.63
NINE_MILE_2 23744	13.91 -0.07 -9.55	31.62 -0.53 -2.97	25.18 -0.35 -5.01	34.47 -0.56 -1.91	31.15 -0.41 -1.94	29.62 -0.31 -3.72	64.89 -0.93 0.00	88.43 -1.20 0.00	95.96 -1.36 0.00	67.64 -0.88 0.00	73.62 -0.85 0.00	43.01 -0.52 0.00	39.49 -0.48 0.00	40.13 -0.42 0.00	41.57 -0.42 0.00	42.26 -0.45 0.00	41.46 -0.47 0.00	41.85 -0.51 0.00	34.67 -0.34 -1.23	37.90 -0.37 -1.14	32.25 -0.26 -1.76	19.98 -0.17 -1.92	35.49 -0.44 -0.02	26.60 -0.32 -0.63
NM_CAPITAL___DRP 24208	183.62 0.30 -178.89	84.97 1.99 -53.81	112.56 1.40 -90.63	69.91 2.23 -34.56	67.51 2.02 -35.87	182.38 1.97 -154.19	96.35 4.12 -26.40	95.01 5.39 0.00	103.18 5.87 0.00	81.08 4.46 -8.10	78.23 3.76 0.00	46.08 2.55 0.00	42.25 2.28 0.00	42.83 2.28 0.00	44.25 2.26 0.00	45.21 2.50 0.00	44.63 2.70 0.00	45.07 2.72 0.00	61.95 2.33 -25.84	67.19 2.55 -27.50	64.88 2.08 -32.05	54.30 1.25 -34.81	62.77 2.43 -24.42	50.00 1.86 -21.85
NM_CENTRAL___DRP 24181	16.84 0.01 -12.40	33.04 0.00 -3.86	27.03 0.01 -6.50	35.62 0.02 -2.48	32.26 0.12 -2.52	31.32 0.25 -4.86	66.31 0.49 0.00	90.36 0.73 0.00	98.03 0.71 0.00	69.14 0.62 0.00	75.39 0.92 0.00	44.02 0.48 0.00	40.40 0.44 0.00	41.04 0.48 0.00	42.51 0.51 0.00	43.21 0.51 0.00	42.36 0.43 0.00	42.75 0.40 0.00	35.81 0.42 -1.62	39.08 0.45 -1.50	33.53 0.45 -2.33	21.00 0.25 -2.52	36.23 0.29 -0.03	27.32 0.21 -0.83
NM_FRONTIER___DRP 24179	28.48 -0.15 -24.19	35.17 -1.55 -7.54	32.29 -0.93 -12.69	36.07 -1.90 -4.85	33.14 -1.45 -4.98	39.50 -1.40 -14.68	62.79 -4.63 -1.59	66.42 -5.06 18.15	76.38 -6.16 14.77	64.03 -3.89 0.60	64.73 -3.61 6.13	33.59 -2.23 7.72	27.52 -2.13 10.31	28.43 -2.15 9.98	29.08 -2.18 10.74	32.83 -2.34 7.54	32.22 -2.34 7.37	32.56 -2.40 7.40	28.82 -1.56 3.39	31.39 -1.73 4.00	27.71 -1.02 2.03	19.30 -0.25 -1.31	30.19 -1.03 4.69	27.78 -0.46 -1.95
NM_ST_REGIS___HYD 24053	4.28 -0.15 0.00	28.32 -0.85 0.00	19.97 -0.55 0.00	32.25 -0.87 0.00	28.74 -0.86 0.02	22.45 -1.28 2.48	63.23 -1.84 0.75	87.21 -2.41 0.00	94.36 -2.95 0.00	65.78 -2.51 0.23	71.55 -2.93 0.00	41.78 -1.75 0.00	38.31 -1.66 0.00	38.81 -1.74 0.00	40.20 -1.79 0.00	40.93 -1.78 0.00	40.35 -1.58 0.00	40.89 -1.46 0.00	32.33 -1.35 0.09	35.46 -1.49 0.19	29.32 -1.44 0.00	17.29 -0.95 0.00	33.77 -1.46 0.69	24.82 -1.17 0.30
NORTHPORT___1 23551	145.89 0.42 -141.03	73.04 2.55 -41.31	91.99 1.89 -69.58	62.58 2.93 -26.53	59.55 2.67 -27.27	114.17 2.69 -85.26	81.58 5.57 -10.19	97.08 7.46 0.00	106.25 8.94 0.00	78.64 6.82 -3.30	103.10 7.94 -20.69	64.34 4.68 -16.13	59.72 4.33 -15.43	52.31 4.13 -7.63	46.24 4.24 0.00	72.80 4.53 -25.56	45.89 3.96 0.00	46.18 3.82 0.00	55.76 3.40 -18.59	59.60 3.89 -18.58	60.09 3.31 -26.02	46.98 2.01 -26.73	68.83 4.00 -28.92	42.12 3.04 -12.79
NORTHPORT___2 23552	145.89 0.42 -141.03	73.04 2.55 -41.31	91.99 1.89 -69.58	62.58 2.93 -26.53	59.55 2.67 -27.27	114.17 2.69 -85.26	81.58 5.57 -10.19	97.08 7.46 0.00	106.25 8.94 0.00	78.64 6.82 -3.30	103.10 7.94 -20.69	64.34 4.68 -16.13	59.72 4.33 -15.43	52.31 4.13 -7.63	46.24 4.24 0.00	72.80 4.53 -25.56	45.89 3.96 0.00	46.18 3.82 0.00	55.76 3.40 -18.59	59.60 3.89 -18.58	60.09 3.31 -26.02	46.98 2.01 -26.73	68.83 4.00 -28.92	42.12 3.04 -12.79
NORTHPORT___3 23553	145.84 0.37 -141.03	72.73 2.24 -41.31	91.76 1.66 -69.58	62.29 2.64 -26.53	59.30 2.42 -27.27	113.91 2.44 -85.26	81.08 5.07 -10.19	96.35 6.73 0.00	105.47 8.15 0.00	78.11 6.29 -3.30	102.53 7.36 -20.69	64.05 4.39 -16.13	59.51 4.11 -15.43	52.07 3.89 -7.63	45.94 3.95 0.00	72.53 4.27 -25.56	45.69 3.76 0.00	45.92 3.57 0.00	55.53 3.17 -18.59	59.36 3.65 -18.58	59.88 3.10 -26.02	46.85 1.89 -26.73	68.56 3.73 -28.92	41.91 2.83 -12.79
NORTHPORT___4 23650	145.84 0.37 -141.03	72.73 2.24 -41.31	91.76 1.66 -69.58	62.29 2.64 -26.53	59.30 2.42 -27.27	113.91 2.44 -85.26	81.08 5.07 -10.19	96.35 6.73 0.00	105.47 8.15 0.00	78.11 6.29 -3.30	102.53 7.36 -20.69	64.05 4.39 -16.13	59.51 4.11 -15.43	52.07 3.89 -7.63	45.94 3.95 0.00	72.53 4.27 -25.56	45.69 3.76 0.00	45.92 3.57 0.00	55.53 3.17 -18.59	59.36 3.65 -18.58	59.88 3.10 -26.02	46.85 1.89 -26.73	68.56 3.73 -28.92	41.91 2.83 -12.79
NORTHPORT___IC 23718	145.89 0.42 -141.03	73.04 2.55 -41.31	91.99 1.89 -69.58	62.58 2.93 -26.53	59.55 2.67 -27.27	114.17 2.69 -85.26	81.58 5.57 -10.19	97.08 7.46 0.00	106.25 8.94 0.00	78.64 6.82 -3.30	103.10 7.94 -20.69	64.34 4.68 -16.13	59.72 4.33 -15.43	52.31 4.13 -7.63	46.24 4.24 0.00	72.80 4.53 -25.56	45.89 3.96 0.00	46.18 3.82 0.00	55.76 3.40 -18.59	59.60 3.89 -18.58	60.09 3.31 -26.02	46.98 2.01 -26.73	68.83 4.00 -28.92	42.12 3.04 -12.79
NPX_GEN_1385_PROXY 323591	145.90 0.43 -141.03	73.10 2.61 -41.31	92.01 1.91 -69.58	62.19 2.54 -26.53	59.21 2.33 -27.27	114.29 2.82 -85.26	80.95 4.94 -10.19	96.89 7.27 0.00	105.76 8.45 0.00	77.79 5.98 -3.30	101.54 6.38 -20.69	63.41 3.75 -16.13	58.87 3.47 -15.43	51.45 3.27 -7.63	34.54 3.31 10.76	63.03 3.59 -16.73	29.59 3.05 15.38	43.10 2.90 2.15	-64.58 2.66 101.01	58.88 3.17 -18.58	59.53 2.75 -26.02	46.57 1.61 -26.73	68.04 3.21 -28.92	41.55 2.47 -12.79
NPX_GEN_CSC 323557	145.85 0.39 -141.03	72.89 2.40 -41.31	91.98 1.88 -69.58	62.73 3.07 -26.53	59.61 2.72 -27.27	114.06 2.59 -85.26	81.33 5.33 -10.19	96.61 6.98 0.00	105.54 8.22 0.00	78.13 6.32 -3.30	102.87 7.71 -20.69	64.25 4.59 -16.13	59.53 4.13 -15.43	52.19 4.00 -7.63	45.98 3.99 0.00	72.56 4.29 -25.56	45.74 3.81 0.00	45.86 3.51 0.00	55.43 3.07 -18.59	59.34 3.63 -18.58	59.88 3.10 -26.02	46.89 1.93 -26.73	68.84 4.02 -28.92	42.10 3.03 -12.79
NSINS_S_GLNS_FALLS 23858	197.90 0.35 -193.12	89.73 2.32 -58.24	120.24 1.63 -98.08	73.18 2.66 -37.40	71.00 2.50 -38.87	202.35 2.51 -173.63	102.09 5.63 -30.63	97.25 7.62 0.00	105.15 7.83 0.00	83.50 5.51 -9.47	80.44 5.97 0.00	47.52 3.99 0.00	43.58 3.61 0.00	44.53 3.97 0.00	46.01 4.02 0.00	46.71 4.01 0.00	46.31 4.38 0.00	46.89 4.54 0.00	65.97 3.98 -28.22	71.85 4.43 -30.28	68.97 3.53 -34.69	57.87 1.95 -37.68	68.10 3.88 -28.30	53.53 2.79 -24.45
NUCOR_STEEL___DRP 24197	22.46 0.10 -17.93	35.21 0.46 -5.58	30.25 0.33 -9.40	37.22 0.51 -3.58	34.00 0.70 -3.67	37.52 0.82 -10.49	68.49 1.61 -1.06	91.92 2.30 0.00	99.92 2.61 0.00	70.55 1.71 -0.32	76.87 2.39 0.00	44.90 1.37 0.00	41.00 1.03 0.00	41.60 1.04 0.00	43.24 1.24 0.00	43.82 1.11 0.00	43.16 1.23 0.00	43.36 1.01 0.00	37.11 0.92 -2.42	40.69 1.17 -2.39	35.04 0.94 -3.34	22.45 0.58 -3.63	37.83 0.91 -1.00	28.49 0.59 -1.61

NYISO_LBMP_REFERENCE 24008	4.43 0.00 0.00	29.17 0.00 0.00	20.52 0.00 0.00	33.12 0.00 0.00	29.62 0.00 0.00	26.21 0.00 0.00	65.82 0.00 0.00	89.63 0.00 0.00	97.32 0.00 0.00	68.52 0.00 0.00	74.48 0.00 0.00	43.53 0.00 0.00	39.96 0.00 0.00	40.56 0.00 0.00	41.99 0.00 0.00	42.71 0.00 0.00	41.93 0.00 0.00	42.35 0.00 0.00	33.77 0.00 0.00	37.14 0.00 0.00	30.76 0.00 0.00	18.24 0.00 0.00	35.91 0.00 0.00	26.29 0.00 0.00
NYPA_BRENTWD____GT 24164	145.92 0.46 -141.03	73.28 2.80 -41.31	92.17 2.07 -69.58	62.90 3.24 -26.53	59.83 2.95 -27.27	114.32 2.85 -85.26	82.06 6.06 -10.19	97.67 8.04 0.00	106.84 9.53 0.00	79.10 7.28 -3.30	103.86 8.69 -20.69	64.82 5.16 -16.13	60.14 4.75 -15.43	52.74 4.56 -7.63	46.65 4.65 0.00	73.25 4.98 -25.56	46.05 4.12 0.00	46.45 4.10 0.00	55.99 3.63 -18.59	59.90 4.18 -18.58	60.34 3.57 -26.02	47.14 2.17 -26.73	69.24 4.42 -28.92	42.41 3.33 -12.79
NYPA_GOWANUS____GT5 24156	145.81 0.36 -141.02	72.60 2.11 -41.31	91.60 1.51 -69.57	62.06 2.41 -26.53	59.18 2.30 -27.26	113.84 2.38 -85.25	81.18 5.18 -10.18	96.19 6.57 0.00	105.39 8.08 0.00	78.20 6.57 -3.11	83.82 7.16 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.26 3.55 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NYPA_GOWANUS____GT6 24157	145.81 0.36 -141.02	72.60 2.11 -41.31	91.60 1.51 -69.57	62.06 2.41 -26.53	59.18 2.30 -27.26	113.84 2.38 -85.25	81.18 5.18 -10.18	96.19 6.57 0.00	105.39 8.08 0.00	78.20 6.57 -3.11	83.82 7.16 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.26 3.55 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79
NYPA_HARLEM__RVR__GT1 24160	145.81 0.37 -141.02	72.57 2.10 -41.30	91.57 1.49 -69.55	62.01 2.37 -26.52	59.12 2.25 -27.25	113.84 2.38 -85.25	81.36 5.35 -10.18	96.32 6.70 0.00	105.69 8.37 0.00	78.22 6.59 -3.11	81.51 7.03 -0.01	47.69 4.15 -0.01	43.87 3.91 0.00	44.40 3.84 0.00	46.01 4.01 -0.01	46.85 4.14 0.00	45.76 3.84 0.01	46.10 3.75 0.00	55.58 3.23 -18.58	59.16 3.45 -18.58	58.33 2.97 -24.60	46.85 1.89 -26.72	48.92 3.44 -9.57	41.62 2.55 -12.79
NYPA_HARLEM__RVR__GT2 24161	145.81 0.37 -141.02	72.57 2.10 -41.30	91.57 1.49 -69.55	62.01 2.37 -26.52	59.12 2.25 -27.25	113.84 2.38 -85.25	81.36 5.35 -10.18	96.32 6.70 0.00	105.69 8.37 0.00	78.22 6.59 -3.11	81.51 7.03 -0.01	47.69 4.15 -0.01	43.87 3.91 0.00	44.40 3.84 0.00	46.01 4.01 -0.01	46.85 4.14 0.00	45.76 3.84 0.01	46.10 3.75 0.00	55.58 3.23 -18.58	59.16 3.45 -18.58	58.33 2.97 -24.60	46.85 1.89 -26.72	48.92 3.44 -9.57	41.62 2.55 -12.79
NYPA_KENT____GT 24152	145.82 0.37 -141.02	72.68 2.20 -41.31	91.66 1.57 -69.57	62.16 2.51 -26.53	59.26 2.38 -27.26	113.91 2.45 -85.25	81.39 5.38 -10.18	96.53 6.90 0.00	105.76 8.44 0.00	78.41 6.79 -3.11	84.06 7.40 -2.19	69.64 4.38 -21.72	69.15 4.12 -25.07	67.92 4.03 -23.33	68.23 4.22 -22.02	68.80 4.35 -21.74	68.23 4.09 -22.21	60.84 3.98 -14.50	55.83 3.40 -18.65	59.35 3.64 -18.58	58.49 3.13 -24.60	46.94 1.98 -26.72	49.12 3.64 -9.57	41.70 2.62 -12.79
NYPA_POUCH1____GT 24155	131.53 0.34 -126.76	63.28 1.98 -32.13	80.75 1.41 -58.81	38.39 2.26 -3.01	57.68 2.17 -25.89	97.02 2.25 -68.56	65.21 4.88 5.49	69.66 6.14 26.11	72.22 7.61 32.71	75.35 6.34 -0.49	62.59 6.86 18.75	64.04 4.07 -16.43	67.23 3.83 -23.44	61.75 3.73 -17.46	63.70 3.90 -17.81	63.57 4.03 -16.83	63.27 3.78 -17.56	56.21 3.68 -10.18	47.40 3.14 -10.49	58.25 3.40 -17.71	58.26 2.94 -24.56	43.21 1.86 -23.12	44.92 3.40 -5.61	40.36 2.46 -11.61
NYPA_VERNON____GT2 24162	145.83 0.38 -141.02	72.76 2.27 -41.31	91.71 1.61 -69.57	62.23 2.58 -26.53	59.34 2.45 -27.26	113.98 2.52 -85.25	81.57 5.56 -10.18	96.78 7.16 0.00	106.11 8.79 0.00	78.60 6.97 -3.11	84.27 7.61 -2.19	69.76 4.51 -21.72	69.26 4.23 -25.07	68.04 4.15 -23.33	68.34 4.33 -22.02	68.92 4.48 -21.74	68.35 4.20 -22.21	60.95 4.09 -14.50	55.92 3.50 -18.65	59.44 3.73 -18.58	58.56 3.20 -24.60	46.98 2.02 -26.72	49.19 3.70 -9.57	41.76 2.68 -12.79
NYPA_VERNON____GT3 24163	145.83 0.38 -141.02	72.76 2.27 -41.31	91.71 1.61 -69.57	62.23 2.58 -26.53	59.34 2.45 -27.26	113.98 2.52 -85.25	81.57 5.56 -10.18	96.78 7.16 0.00	106.11 8.79 0.00	78.60 6.97 -3.11	84.27 7.61 -2.19	69.76 4.51 -21.72	69.26 4.23 -25.07	68.04 4.15 -23.33	68.34 4.33 -22.02	68.92 4.48 -21.74	68.35 4.20 -22.21	60.95 4.09 -14.50	55.92 3.50 -18.65	59.44 3.73 -18.58	58.56 3.20 -24.60	46.98 2.02 -26.72	49.19 3.70 -9.57	41.76 2.68 -12.79
NYPA__ASTORIA_CC1 323568	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.47 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
NYPA__ASTORIA_CC2 323569	145.83 0.38 -141.02	72.73 2.24 -41.31	91.69 1.59 -69.57	62.20 2.54 -26.53	59.30 2.42 -27.26	113.95 2.49 -85.25	81.49 5.49 -10.18	96.69 7.07 0.00	105.96 8.65 0.00	78.47 6.84 -3.11	84.14 7.47 -2.19	69.68 4.42 -21.72	69.18 4.15 -25.07	67.96 4.08 -23.33	68.27 4.26 -22.02	68.84 4.40 -21.74	68.27 4.13 -22.21	60.88 4.03 -14.50	55.86 3.44 -18.65	59.38 3.67 -18.58	58.51 3.16 -24.60	46.96 2.00 -26.72	49.14 3.66 -9.57	41.75 2.67 -12.79
NYPA__HOLTSVILL 23794	145.88 0.42 -141.03	73.02 2.53 -41.31	92.01 1.91 -69.58	62.67 3.02 -26.53	59.60 2.72 -27.27	114.13 2.67 -85.26	81.57 5.56 -10.19	96.94 7.31 0.00	106.01 8.69 0.00	78.54 6.72 -3.30	103.14 7.97 -20.69	64.42 4.76 -16.13	59.74 4.34 -15.43	52.36 4.18 -7.63	46.19 4.19 0.00	72.77 4.50 -25.56	45.88 3.94 0.00	46.06 3.70 0.00	55.65 3.29 -18.59	59.54 3.82 -18.58	60.04 3.26 -26.02	46.95 1.99 -26.73	68.91 4.08 -28.92	42.18 3.10 -12.79
NYPA__HELLGATE_GT1 24158	145.81 0.37 -141.02	72.58 2.10 -41.31	91.58 1.49 -69.57	62.02 2.37 -26.53	59.13 2.25 -27.26	113.84 2.38 -85.25	81.42 5.41 -10.18	96.40 6.78 0.00	105.70 8.38 0.00	78.22 6.59 -3.11	81.51 7.03 -0.01	47.69 4.15 -0.01	43.87 3.91 0.00	44.40 3.84 0.00	46.01 4.01 -0.01	46.85 4.14 0.00	45.76 3.84 0.01	46.10 3.75 0.00	55.58 3.23 -18.58	59.16 3.45 -18.58	58.33 2.97 -24.60	46.85 1.89 -26.72	48.92 3.44 -9.57	41.62 2.55 -12.79
NYPA__HELLGATE_GT2 24159	145.81 0.37 -141.02	72.58 2.10 -41.31	91.58 1.49 -69.57	62.02 2.37 -26.53	59.13 2.25 -27.26	113.84 2.38 -85.25	81.42 5.41 -10.18	96.40 6.78 0.00	105.70 8.38 0.00	78.22 6.59 -3.11	81.51 7.03 -0.01	47.69 4.15 -0.01	43.87 3.91 0.00	44.40 3.84 0.00	46.01 4.01 -0.01	46.85 4.14 0.00	45.76 3.84 0.01	46.10 3.75 0.00	55.58 3.23 -18.58	59.16 3.45 -18.58	58.33 2.97 -24.60	46.85 1.89 -26.72	48.92 3.44 -9.57	41.62 2.55 -12.79

NYS_BARGE___HYD 23848	27.95 -0.04 -23.56	35.68 -0.83 -7.33	32.44 -0.44 -12.35	36.71 -1.12 -4.71	33.72 -0.73 -4.83	39.77 -0.71 -14.27	64.54 -2.83 -1.54	69.94 -2.86 16.82	79.94 -3.69 13.69	65.98 -2.00 0.54	67.25 -1.55 5.68	35.29 -1.10 7.15	29.27 -1.13 9.56	30.12 -1.20 9.25	30.81 -1.23 9.95	34.30 -1.42 6.99	33.60 -1.51 6.83	33.92 -1.58 6.86	29.90 -0.86 3.02	32.61 -0.94 3.59	28.70 -0.35 1.70	19.83 0.14 -1.45	31.32 -0.30 4.29	28.27 0.08 -1.90
OAK_ORCHARD___HYD 24046	22.30 0.05 -17.82	34.77 0.05 -5.55	29.96 0.10 -9.34	36.70 0.02 -3.56	33.47 0.20 -3.65	37.03 0.25 -10.57	67.17 0.25 -1.10	90.49 0.87 0.00	97.98 0.66 0.00	69.63 0.78 -0.33	75.71 1.23 0.00	44.17 0.64 0.00	40.46 0.50 0.00	41.08 0.52 0.00	42.54 0.55 0.00	43.18 0.48 0.00	42.30 0.37 0.00	42.67 0.31 0.00	36.68 0.46 -2.45	40.10 0.55 -2.41	34.70 0.63 -3.31	22.41 0.41 -3.76	37.41 0.45 -1.04	28.35 0.44 -1.61
OCC_CHEM___DRP 24175	28.77 -0.11 -24.45	35.46 -1.33 -7.61	32.56 -0.78 -12.82	36.34 -1.67 -4.89	33.40 -1.23 -5.02	39.86 -1.20 -14.84	63.30 -4.13 -1.61	66.72 -4.59 18.31	76.83 -5.58 14.91	64.53 -3.39 0.60	65.24 -3.05 6.19	33.78 -1.97 7.79	27.65 -1.91 10.41	28.53 -1.96 10.07	29.16 -2.00 10.84	32.90 -2.20 7.61	32.27 -2.22 7.44	32.60 -2.28 7.47	28.89 -1.44 3.45	31.47 -1.60 4.06	27.79 -0.89 2.08	19.41 -0.14 -1.32	30.34 -0.84 4.74	27.95 -0.30 -1.97
OH_GEN_PROXY 24063	28.76 -0.08 -24.41	35.68 -1.09 -7.60	32.69 -0.63 -12.80	36.63 -1.38 -4.88	33.64 -0.98 -5.01	40.09 -0.94 -14.82	63.91 -3.53 -1.61	69.32 -3.94 16.36	79.16 -4.85 13.31	65.19 -2.84 0.49	66.49 -2.46 5.52	34.96 -1.62 6.95	29.07 -1.60 9.30	29.89 -1.68 8.99	30.66 -1.65 9.68	34.09 -1.82 6.80	33.43 -1.86 6.64	33.76 -1.92 6.67	29.89 -1.16 2.73	32.56 -1.29 3.28	28.74 -0.64 1.38	19.77 -0.15 -1.69	31.07 -0.77 4.07	28.09 -0.19 -1.99
OLIN_CORP_DRP 24177	28.77 -0.11 -24.45	35.46 -1.33 -7.61	32.57 -0.78 -12.82	36.34 -1.67 -4.89	33.40 -1.23 -5.02	39.86 -1.20 -14.84	63.30 -4.14 -1.61	66.72 -4.59 18.31	76.83 -5.58 14.91	64.53 -3.39 0.60	65.24 -3.05 6.19	33.78 -1.97 7.79	27.65 -1.91 10.41	28.53 -1.96 10.07	29.16 -2.00 10.84	32.90 -2.20 7.61	32.27 -2.22 7.44	32.60 -2.28 7.47	28.89 -1.44 3.45	31.47 -1.60 4.06	27.79 -0.89 2.08	19.41 -0.14 -1.32	30.34 -0.84 4.74	27.95 -0.30 -1.97
OLIN_CORP_DSASP 323712	28.77 -0.11 -24.45	35.46 -1.33 -7.61	32.56 -0.78 -12.82	36.34 -1.67 -4.89	33.40 -1.23 -5.02	39.86 -1.20 -14.84	63.30 -4.13 -1.61	66.72 -4.59 18.31	76.83 -5.58 14.91	64.53 -3.39 0.60	65.24 -3.05 6.19	33.78 -1.97 7.79	27.65 -1.91 10.41	28.53 -1.96 10.07	29.16 -2.00 10.84	32.90 -2.20 7.61	32.27 -2.22 7.44	32.60 -2.28 7.47	28.89 -1.44 3.45	31.47 -1.60 4.06	27.79 -0.89 2.08	19.41 -0.14 -1.32	30.34 -0.84 4.74	27.95 -0.30 -1.97
ONEIDA_HERK_LFGE 323681	4.52 0.09 0.00	29.76 0.58 0.00	20.96 0.43 0.00	33.80 0.68 0.00	30.25 0.68 0.05	20.87 0.76 6.09	66.15 2.18 1.86	92.66 3.04 0.00	100.35 3.03 0.00	69.93 1.97 0.56	76.53 2.06 0.00	44.71 1.18 0.00	40.96 1.00 0.00	41.50 0.94 0.00	42.97 0.98 0.00	43.72 1.01 0.00	43.02 1.09 0.00	43.41 1.06 0.00	34.40 0.86 0.23	37.64 0.97 0.47	31.59 0.83 0.00	18.68 0.45 0.00	34.91 0.69 1.69	26.00 0.44 0.73
ONONDAGA_REF_OCCRA 23987	24.06 0.12 -19.51	36.01 0.76 -6.07	31.29 0.54 -10.23	37.87 0.85 -3.90	34.51 0.89 -4.00	38.51 1.05 -11.24	69.37 2.45 -1.10	93.13 3.50 0.00	100.90 3.58 0.00	71.50 2.65 -0.33	77.68 3.20 0.00	45.31 1.78 0.00	41.59 1.62 0.00	42.17 1.62 0.00	43.70 1.71 0.00	44.41 1.70 0.00	43.52 1.59 0.00	43.93 1.58 0.00	37.81 1.40 -2.64	41.27 1.54 -2.59	35.76 1.36 -3.64	22.95 0.75 -3.96	38.20 1.24 -1.04	28.92 0.90 -1.73
ONONDAGA___COGEN 23986	19.94 0.05 -15.46	34.27 0.29 -4.81	28.84 0.21 -8.10	36.53 0.32 -3.09	33.20 0.42 -3.16	35.60 0.60 -8.78	67.99 1.34 -0.83	91.53 1.91 0.00	99.21 1.90 0.00	70.21 1.44 -0.25	76.36 1.88 0.00	44.58 1.05 0.00	40.90 0.94 0.00	41.52 0.96 0.00	43.02 1.03 0.00	43.72 1.01 0.00	42.89 0.96 0.00	43.27 0.92 0.00	36.71 0.83 -2.11	40.13 0.93 -2.07	34.48 0.83 -2.90	21.85 0.46 -3.15	37.41 0.70 -0.79	28.15 0.50 -1.36
ONTARIO___LFGE 23819	25.60 0.09 -21.08	36.25 0.51 -6.56	31.95 0.38 -11.05	37.85 0.51 -4.21	34.60 0.66 -4.32	39.66 0.83 -12.63	68.71 1.55 -1.34	101.00 2.12 -9.26	106.99 2.03 -7.64	71.39 1.91 -0.96	80.13 2.48 -3.17	48.89 1.36 -3.99	46.48 1.19 -5.33	46.78 1.08 -5.15	48.74 1.20 -5.54	47.77 1.19 -3.88	46.68 1.01 -3.74	46.96 0.85 -3.76	41.05 0.95 -6.32	44.76 1.05 -6.57	39.04 1.06 -7.22	25.13 0.56 -6.34	41.09 0.79 -4.39	28.98 0.63 -2.07
ORANGEVILLE_WT_PWR 323706	32.58 0.06 -28.10	37.90 -0.02 -8.75	35.32 0.07 -14.73	38.52 -0.22 -5.62	35.41 0.02 -5.76	43.44 0.04 -17.19	66.58 -1.14 -1.89	26.05 -1.65 61.93	44.54 -2.26 50.51	64.61 -0.79 3.12	53.24 -0.27 20.96	16.78 -0.37 26.38	4.10 -0.61 35.25	5.63 -0.85 34.08	4.45 -0.85 36.70	16.05 -0.91 25.74	15.80 -1.02 25.11	16.00 -1.13 25.22	14.09 -0.51 19.17	15.30 -0.67 21.16	13.41 -0.24 17.10	9.14 -0.13 8.97	15.90 -0.67 19.34	27.67 -0.25 -1.63
ORANGEVILLE___ESR 323794	32.58 0.06 -28.10	37.90 -0.02 -8.75	35.32 0.07 -14.73	38.52 -0.22 -5.62	35.41 0.02 -5.76	43.44 0.04 -17.19	66.58 -1.14 -1.89	26.05 -1.65 61.93	44.54 -2.26 50.51	64.61 -0.79 3.12	53.24 -0.27 20.96	16.78 -0.37 26.38	4.10 -0.61 35.25	5.63 -0.85 34.08	4.45 -0.85 36.70	16.05 -0.91 25.74	15.80 -1.02 25.11	16.00 -1.13 25.22	14.09 -0.51 19.17	15.30 -0.67 21.16	13.41 -0.24 17.10	9.14 -0.13 8.97	15.90 -0.67 19.34	27.67 -0.25 -1.63
OSWEGATCHIE___HYD 24044	4.30 -0.13 0.00	28.42 -0.76 0.00	20.05 -0.47 0.00	32.34 -0.79 0.00	28.86 -0.74 0.02	23.29 -0.87 2.06	64.19 -0.89 0.74	88.44 -1.19 0.00	95.54 -1.78 0.00	66.56 -1.73 0.22	72.29 -2.19 0.00	42.22 -1.32 0.00	38.68 -1.29 0.00	39.13 -1.42 0.00	40.46 -1.54 0.00	41.25 -1.46 0.00	40.69 -1.25 0.00	41.04 -1.31 0.00	32.85 -1.21 -0.28	36.01 -1.27 -0.15	30.14 -1.14 -0.53	18.06 -0.74 -0.57	33.78 -1.46 0.67	25.01 -1.17 0.10
OSWEGO___5 23606	15.23 -0.04 -10.84	32.22 -0.33 -3.37	25.99 -0.22 -5.68	34.94 -0.35 -2.17	31.60 -0.23 -2.20	30.30 -0.13 -4.22	65.29 -0.53 0.00	88.98 -0.64 0.00	96.56 -0.76 0.00	68.06 -0.46 0.00	74.13 -0.34 0.00	43.30 -0.24 0.00	39.74 -0.22 0.00	40.37 -0.18 0.00	41.83 -0.17 0.00	42.51 -0.20 0.00	41.71 -0.22 0.00	42.09 -0.26 0.00	35.03 -0.13 -1.39	38.27 -0.15 -1.29	32.68 -0.07 -1.99	20.35 -0.05 -2.16	35.71 -0.23 -0.03	26.84 -0.16 -0.71
OSWEGO___6 23613	15.23 -0.04 -10.84	32.22 -0.33 -3.37	25.99 -0.22 -5.68	34.94 -0.35 -2.17	31.60 -0.23 -2.20	30.30 -0.13 -4.22	65.29 -0.53 0.00	88.98 -0.64 0.00	96.56 -0.76 0.00	68.06 -0.46 0.00	74.13 -0.34 0.00	43.30 -0.24 0.00	39.74 -0.22 0.00	40.37 -0.18 0.00	41.83 -0.17 0.00	42.51 -0.20 0.00	41.71 -0.22 0.00	42.09 -0.26 0.00	35.03 -0.13 -1.39	38.27 -0.15 -1.29	32.68 -0.07 -1.99	20.35 -0.05 -2.16	35.71 -0.23 -0.03	26.84 -0.16 -0.71

OUTOKUMPU-AB___DRP 24206	29.08 0.00 -24.64	36.32 -0.53 -7.67	33.23 -0.22 -12.92	37.28 -0.76 -4.93	34.25 -0.42 -5.06	40.76 -0.42 -14.97	65.34 -2.12 -1.63	68.65 -1.96 19.01	79.13 -2.72 15.47	66.57 -1.30 0.64	67.38 -0.67 6.42	34.83 -0.62 8.08	28.46 -0.70 10.80	29.33 -0.78 10.45	29.96 -0.78 11.25	33.86 -0.94 7.90	33.16 -1.06 7.72	33.44 -1.16 7.75	29.59 -0.50 3.68	32.23 -0.59 4.32	28.42 -0.05 2.29	19.72 0.27 -1.22	30.92 -0.04 4.96	28.54 0.28 -1.97
OXBOW____ 24026	28.93 -0.05 -24.55	35.94 -0.88 -7.64	32.93 -0.46 -12.87	36.87 -1.16 -4.91	33.87 -0.78 -5.04	40.36 -0.76 -14.91	64.44 -3.00 -1.62	67.88 -3.08 18.67	78.18 -3.94 15.20	65.70 -2.19 0.62	66.46 -1.71 6.31	34.40 -1.19 7.94	28.14 -1.22 10.61	29.01 -1.28 10.26	29.65 -1.29 11.05	33.46 -1.49 7.76	32.80 -1.56 7.58	33.10 -1.64 7.61	29.31 -0.90 3.56	31.92 -1.02 4.19	28.17 -0.40 2.18	19.61 0.10 -1.27	30.69 -0.37 4.85	28.30 0.04 -1.97
OXY_CHEM_DSASP 323612	28.77 -0.11 -24.45	35.46 -1.33 -7.61	32.56 -0.78 -12.82	36.34 -1.67 -4.89	33.40 -1.23 -5.02	39.86 -1.20 -14.84	63.30 -4.13 -1.61	66.72 -4.59 18.31	76.83 -5.58 14.91	64.53 -3.39 0.60	65.24 -3.05 6.19	33.78 -1.97 7.79	27.65 -1.91 10.41	28.53 -1.96 10.07	29.16 -2.00 10.84	32.90 -2.20 7.61	32.27 -2.22 7.44	32.60 -2.28 7.47	28.89 -1.44 3.45	31.47 -1.60 4.06	27.79 -0.89 2.08	19.41 -0.14 -1.32	30.34 -0.84 4.74	27.95 -0.30 -1.97
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.77 -0.11 -24.45	35.46 -1.33 -7.61	32.56 -0.78 -12.82	36.34 -1.67 -4.89	33.40 -1.23 -5.02	39.86 -1.20 -14.84	63.30 -4.13 -1.61	66.72 -4.59 18.31	76.83 -5.58 14.91	64.53 -3.39 0.60	65.24 -3.05 6.19	33.78 -1.97 7.79	27.65 -1.91 10.41	28.53 -1.96 10.07	29.16 -2.00 10.84	32.90 -2.20 7.61	32.27 -2.22 7.44	32.60 -2.28 7.47	28.89 -1.44 3.45	31.47 -1.60 4.06	27.79 -0.89 2.08	19.41 -0.14 -1.32	30.34 -0.84 4.74	27.95 -0.30 -1.97
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	145.82 0.37 -141.02	72.64 2.16 -41.31	91.62 1.53 -69.57	62.09 2.44 -26.53	59.19 2.31 -27.26	113.86 2.40 -85.25	81.35 5.34 -10.18	96.37 6.75 0.00	105.70 8.38 0.00	78.22 6.59 -3.11	81.57 7.09 -0.01	47.69 4.15 -0.01	43.88 3.91 0.00	44.38 3.82 0.00	46.01 4.01 -0.01	46.85 4.14 0.00	45.79 3.87 0.01	46.13 3.78 0.00	55.59 3.24 -18.58	59.20 3.49 -18.58	58.35 3.00 -24.60	46.86 1.90 -26.72	48.94 3.45 -9.57	41.64 2.56 -12.79
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	145.87 0.42 -141.02	73.06 2.57 -41.31	91.89 1.80 -69.57	62.51 2.86 -26.53	59.58 2.70 -27.26	114.22 2.76 -85.25	82.25 6.24 -10.18	97.61 7.98 0.00	106.98 9.66 0.00	79.14 7.51 -3.11	82.54 8.06 -0.01	48.23 4.69 -0.01	44.36 4.40 0.00	44.87 4.31 0.00	46.51 4.51 -0.01	47.36 4.65 0.00	46.31 4.38 0.01	46.63 4.28 0.00	56.01 3.65 -18.58	59.65 3.94 -18.58	58.73 3.37 -24.60	47.07 2.11 -26.72	49.36 3.88 -9.57	41.96 2.88 -12.79
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.12 0.10 -26.59	37.71 0.26 -8.28	34.68 0.21 -13.94	38.44 0.00 -5.32	35.37 0.29 -5.46	42.83 0.40 -16.22	67.19 -0.41 -1.78	70.61 -0.06 18.95	81.24 -0.65 15.42	68.21 0.28 0.59	69.25 1.18 6.40	36.02 0.54 8.05	29.52 0.32 10.77	30.28 0.15 10.42	31.10 0.33 11.22	35.12 0.28 7.88	34.23 0.00 7.70	34.44 -0.18 7.73	30.72 0.34 3.39	33.35 0.24 4.02	29.55 0.70 1.91	20.36 0.50 -1.62	31.66 0.55 4.80	29.19 0.74 -2.16
PAWLING_115_KV_BK3_REV_LBMP_H 345028	147.33 0.39 -142.51	73.27 2.32 -41.78	92.55 1.66 -70.36	62.61 2.66 -26.83	59.73 2.53 -27.59	116.38 2.62 -87.55	82.60 6.07 -10.70	97.61 7.99 0.00	106.96 9.65 0.00	79.13 7.33 -3.28	82.42 7.94 0.00	48.09 4.55 0.00	44.18 4.22 0.00	44.59 4.04 0.00	46.02 4.02 0.00	46.86 4.15 0.00	45.88 3.95 0.00	46.26 3.91 0.00	56.03 3.40 -18.85	59.74 3.71 -18.89	58.80 3.16 -24.88	47.21 1.95 -27.03	49.52 3.56 -10.05	42.03 2.65 -13.09
PEEKSKILL____ 23653	144.73 0.31 -139.99	72.09 1.88 -41.03	90.97 1.34 -69.10	61.61 2.14 -26.35	58.75 2.05 -27.08	113.03 2.18 -84.64	80.82 4.89 -10.10	95.87 6.25 0.00	104.68 7.36 0.00	77.27 5.66 -3.08	80.66 6.19 0.00	47.15 3.61 0.00	43.35 3.39 0.00	43.85 3.30 0.00	45.46 3.47 0.00	46.30 3.59 0.00	45.30 3.36 0.00	45.63 3.28 0.00	55.18 2.93 -18.48	58.77 3.16 -18.47	57.94 2.72 -24.46	46.52 1.71 -26.57	48.56 3.13 -9.51	41.35 2.35 -12.72
PGE MADISON___WINDPWR 24146	48.49 0.43 -43.62	45.60 2.85 -13.57	45.43 2.05 -22.86	45.07 3.23 -8.72	41.85 3.26 -8.97	59.14 3.42 -29.51	78.59 8.96 -3.80	113.51 18.71 -5.17	118.23 17.44 -3.48	80.12 10.28 -1.33	88.40 12.32 -1.61	52.60 7.05 -2.02	48.94 6.28 -2.70	49.32 6.15 -2.61	51.17 6.37 -2.81	50.49 5.77 -2.02	49.56 5.51 -2.12	49.98 5.50 -2.13	44.50 4.62 -6.11	48.12 4.65 -6.34	43.05 3.24 -9.05	29.28 1.78 -9.26	43.49 3.11 -4.47	33.00 2.28 -4.43
PIERCEFIELD___HYD 23852	4.24 -0.19 0.00	28.01 -1.17 0.00	19.75 -0.77 0.00	31.88 -1.24 0.00	28.37 -1.23 0.02	22.07 -1.67 2.47	62.47 -2.61 0.75	86.08 -3.55 0.00	93.10 -4.21 0.00	64.88 -3.41 0.23	70.56 -3.91 0.00	41.21 -2.32 0.00	37.79 -2.17 0.00	38.29 -2.27 0.00	39.65 -2.35 0.00	40.38 -2.33 0.00	39.81 -2.12 0.00	40.32 -2.03 0.00	31.86 -1.81 0.09	35.02 -1.93 0.19	28.99 -1.77 0.00	17.11 -1.12 0.00	33.29 -1.93 0.69	24.49 -1.51 0.30
PINELAWN_CC_1 323563	145.87 0.40 -141.03	72.90 2.41 -41.31	91.89 1.79 -69.58	62.46 2.81 -26.53	59.46 2.58 -27.27	114.06 2.59 -85.26	81.41 5.40 -10.19	96.55 6.93 0.00	106.01 8.69 0.00	78.51 6.70 -3.30	102.92 7.76 -20.69	64.26 4.59 -16.13	59.66 4.26 -15.43	52.25 4.07 -7.63	46.13 4.14 0.00	72.78 4.51 -25.56	45.85 3.92 0.00	46.01 3.66 0.00	55.60 3.24 -18.59	59.49 3.77 -18.58	59.97 3.19 -26.02	46.90 1.94 -26.73	68.81 3.98 -28.92	42.31 3.23 -12.79
PJM_GEN_HTP_PROXY 323702	145.78 0.35 -141.01	72.57 2.09 -41.31	91.59 1.50 -69.56	62.07 2.42 -26.53	59.18 2.30 -27.26	113.82 2.37 -85.24	64.30 5.33 6.85	96.51 6.88 0.00	98.77 8.33 6.87	78.12 6.49 -3.11	81.58 7.11 0.00	47.69 4.16 0.00	43.87 3.90 0.00	44.38 3.83 0.00	45.99 3.99 0.00	46.83 4.13 0.00	45.79 3.86 0.00	46.11 3.76 0.00	55.62 3.26 -18.58	59.23 3.52 -18.58	58.36 3.00 -24.60	46.85 1.89 -26.72	48.95 3.46 -9.57	41.67 2.60 -12.79
PJM_GEN_KEystone 24065	77.76 0.14 -73.19	54.60 0.71 -24.72	62.18 0.51 -41.14	31.79 0.68 2.02	43.30 0.80 -12.89	82.26 1.06 -54.99	56.28 1.65 11.19	85.61 2.13 6.14	85.95 2.28 13.64	71.97 2.17 -1.29	72.85 2.85 4.47	42.68 1.62 2.48	38.86 1.47 2.58	39.08 1.34 2.82	40.76 1.55 2.78	41.90 1.58 2.38	40.95 1.33 2.31	39.54 1.15 3.96	45.65 1.35 -10.53	48.33 1.37 -9.83	46.22 1.44 -14.02	34.69 0.93 -15.53	41.32 1.55 -3.85	35.44 1.30 -7.85
PJM_GEN_NEPTUNE_PROXY 323594	145.87 0.40 -141.03	72.91 2.42 -41.31	91.89 1.79 -69.58	62.48 2.83 -26.53	59.50 2.61 -27.27	114.09 2.62 -85.26	64.51 5.54 6.85	96.94 7.31 0.00	99.28 8.83 6.87	78.64 6.82 -3.30	103.12 7.96 -20.69	64.33 4.67 -16.13	59.74 4.35 -15.43	52.34 4.16 -7.63	46.24 4.25 0.00	72.83 4.57 -25.56	46.01 4.07 0.00	46.29 3.93 0.00	55.82 3.46 -18.59	59.64 3.93 -18.58	60.11 3.34 -26.02	47.00 2.04 -26.73	68.78 3.95 -28.92	42.06 2.98 -12.79

PJM_GEN_VFT_PROXY 323633	44.92 0.31 -40.17	49.85 1.89 -18.79	46.56 1.36 -24.67	-208.26 2.21 243.59	43.27 2.11 -11.54	62.31 2.21 -33.88	56.91 4.96 13.87	73.03 6.33 22.93	53.78 7.72 51.25	72.44 6.12 2.20	39.06 6.76 42.17	39.51 3.96 7.98	43.58 3.76 0.14	39.51 3.68 4.73	44.41 3.87 1.46	39.51 4.00 7.20	39.00 3.70 6.63	39.00 3.57 6.92	39.00 3.17 -2.05	57.38 3.43 -16.82	58.21 2.94 -24.51	39.51 1.87 -19.41	40.88 3.42 -1.54	39.26 2.57 -10.40
PLEASANTVLY___LBMP 24000	149.19 0.31 -144.45	73.26 1.86 -42.23	92.99 1.34 -71.12	62.37 2.13 -27.12	59.51 2.02 -27.87	115.71 2.11 -87.38	81.03 4.73 -10.48	95.64 6.01 0.00	104.45 7.13 0.00	77.18 5.47 -3.20	80.21 5.74 0.00	46.88 3.35 0.00	43.06 3.10 0.00	43.57 3.02 0.00	45.11 3.11 0.00	45.94 3.24 0.00	45.00 3.07 0.00	45.35 3.00 0.00	55.43 2.65 -19.01	59.00 2.86 -19.01	58.35 2.44 -25.15	47.09 1.53 -27.32	48.58 2.82 -9.85	41.54 2.14 -13.10
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	146.40 0.34 -141.64	72.67 2.02 -41.47	91.82 1.45 -69.85	62.08 2.32 -26.64	59.20 2.21 -27.37	114.10 2.30 -85.59	81.22 5.17 -10.23	96.33 6.71 0.00	105.28 7.96 0.00	77.75 6.12 -3.12	81.10 6.62 0.00	47.40 3.87 0.00	43.57 3.60 0.00	44.06 3.50 0.00	45.64 3.65 0.00	46.50 3.79 0.00	45.49 3.56 0.00	45.82 3.47 0.00	55.47 3.03 -18.66	59.09 3.31 -18.65	58.28 2.82 -24.70	46.83 1.76 -26.83	48.78 3.25 -9.61	41.56 2.43 -12.84
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	149.41 0.37 -144.61	73.88 2.24 -42.47	93.65 1.60 -71.53	62.96 2.56 -27.28	60.10 2.42 -28.06	120.12 2.49 -91.42	83.21 5.77 -11.62	97.09 7.46 0.00	105.87 8.56 0.00	78.49 6.42 -3.55	81.28 6.81 0.00	47.40 3.87 0.00	43.54 3.58 0.00	44.04 3.48 0.00	45.57 3.58 0.00	46.45 3.74 0.00	45.52 3.59 0.00	45.94 3.58 0.00	56.17 3.14 -19.25	59.93 3.41 -19.39	58.96 2.90 -25.30	47.50 1.79 -27.48	50.08 3.28 -10.89	42.36 2.46 -13.60
POLETTI____ 23519	145.78 0.34 -141.01	72.55 2.07 -41.31	91.57 1.48 -69.57	62.05 2.40 -26.53	59.16 2.28 -27.26	113.80 2.34 -85.24	81.24 5.23 -10.18	96.34 6.72 0.00	105.53 8.21 0.00	78.06 6.43 -3.11	81.48 7.01 0.00	47.67 4.13 0.00	43.86 3.90 0.00	44.38 3.83 0.00	45.99 3.99 0.00	46.82 4.12 0.00	45.79 3.86 0.00	46.09 3.74 0.00	55.58 3.22 -18.59	59.19 3.48 -18.58	58.33 2.97 -24.60	46.85 1.89 -26.72	48.93 3.45 -9.57	41.68 2.60 -12.79
PORT_JEFF_3 23555	145.88 0.42 -141.03	73.00 2.51 -41.31	91.99 1.89 -69.58	62.64 2.99 -26.53	59.55 2.66 -27.27	114.05 2.58 -85.26	81.31 5.30 -10.19	96.51 6.89 0.00	105.65 8.34 0.00	78.33 6.51 -3.30	102.89 7.73 -20.69	64.40 4.73 -16.13	59.68 4.29 -15.43	52.29 4.11 -7.63	46.08 4.08 0.00	72.63 4.36 -25.56	45.70 3.77 0.00	45.80 3.45 0.00	55.45 3.09 -18.59	59.32 3.61 -18.58	59.86 3.08 -26.02	46.85 1.89 -26.73	68.82 3.99 -28.92	42.19 3.11 -12.79
PORT_JEFF_4 23616	145.88 0.42 -141.03	73.00 2.51 -41.31	91.99 1.89 -69.58	62.64 2.99 -26.53	59.55 2.66 -27.27	114.05 2.58 -85.26	81.31 5.30 -10.19	96.51 6.89 0.00	105.65 8.34 0.00	78.33 6.51 -3.30	102.89 7.73 -20.69	64.40 4.73 -16.13	59.68 4.29 -15.43	52.29 4.11 -7.63	46.08 4.08 0.00	72.63 4.36 -25.56	45.70 3.77 0.00	45.80 3.45 0.00	55.45 3.09 -18.59	59.32 3.61 -18.58	59.86 3.08 -26.02	46.85 1.89 -26.73	68.82 3.99 -28.92	42.19 3.11 -12.79
PORT_JEFF_IC 23713	145.89 0.42 -141.03	73.03 2.54 -41.31	92.01 1.91 -69.58	62.68 3.03 -26.53	59.60 2.71 -27.27	114.10 2.63 -85.26	81.47 5.46 -10.19	96.51 6.88 0.00	105.80 8.48 0.00	78.46 6.64 -3.30	103.03 7.87 -20.69	64.44 4.78 -16.13	59.74 4.34 -15.43	52.35 4.17 -7.63	46.15 4.16 0.00	72.71 4.44 -25.56	45.81 3.87 0.00	45.73 3.37 0.00	55.37 3.01 -18.59	59.25 3.54 -18.58	59.79 3.02 -26.02	46.83 1.87 -26.73	68.90 4.07 -28.92	42.22 3.14 -12.79
PPL PILGRIM_ST_GT1 24216	145.92 0.46 -141.03	73.28 2.80 -41.31	92.17 2.07 -69.58	62.90 3.24 -26.53	59.83 2.95 -27.27	114.32 2.85 -85.26	82.06 6.06 -10.19	97.67 8.04 0.00	106.84 9.53 0.00	79.10 7.28 -3.30	103.86 8.69 -20.69	64.82 5.16 -16.13	60.14 4.75 -15.43	52.74 4.56 -7.63	46.65 4.65 0.00	73.25 4.98 -25.56	46.05 4.12 0.00	46.45 4.10 0.00	55.99 3.63 -18.59	59.90 4.18 -18.58	60.34 3.57 -26.02	47.14 2.17 -26.73	69.24 4.42 -28.92	42.41 3.33 -12.79
PPL PILGRIM_ST_GT2 24217	145.92 0.46 -141.03	73.28 2.80 -41.31	92.17 2.07 -69.58	62.90 3.24 -26.53	59.83 2.95 -27.27	114.32 2.85 -85.26	82.06 6.06 -10.19	97.67 8.04 0.00	106.84 9.53 0.00	79.10 7.28 -3.30	103.86 8.69 -20.69	64.82 5.16 -16.13	60.14 4.75 -15.43	52.74 4.56 -7.63	46.65 4.65 0.00	73.25 4.98 -25.56	46.05 4.12 0.00	46.45 4.10 0.00	55.99 3.63 -18.59	59.90 4.18 -18.58	60.34 3.57 -26.02	47.14 2.17 -26.73	69.24 4.42 -28.92	42.41 3.33 -12.79
PPL_SHRM_GT3 24213	145.86 0.39 -141.03	72.89 2.40 -41.31	91.98 1.88 -69.58	62.73 3.08 -26.53	59.62 2.73 -27.27	114.08 2.61 -85.26	81.36 5.35 -10.19	96.65 7.03 0.00	105.58 8.26 0.00	78.14 6.32 -3.30	102.86 7.69 -20.69	64.25 4.59 -16.13	59.51 4.11 -15.43	52.18 4.00 -7.63	45.95 3.96 0.00	72.54 4.27 -25.56	45.72 3.79 0.00	45.88 3.52 0.00	55.47 3.10 -18.59	59.38 3.67 -18.58	59.91 3.13 -26.02	46.91 1.95 -26.73	68.85 4.02 -28.92	42.11 3.03 -12.79
PPL_SHRM_GT4 24214	145.86 0.39 -141.03	72.89 2.40 -41.31	91.98 1.88 -69.58	62.73 3.08 -26.53	59.62 2.73 -27.27	114.08 2.61 -85.26	81.36 5.35 -10.19	96.65 7.03 0.00	105.58 8.26 0.00	78.14 6.32 -3.30	102.86 7.69 -20.69	64.25 4.59 -16.13	59.51 4.11 -15.43	52.18 4.00 -7.63	45.95 3.96 0.00	72.54 4.27 -25.56	45.72 3.79 0.00	45.88 3.52 0.00	55.47 3.10 -18.59	59.38 3.67 -18.58	59.91 3.13 -26.02	46.91 1.95 -26.73	68.85 4.02 -28.92	42.11 3.03 -12.79
PROJECT___ORANGE 1 24174	16.98 0.01 -12.54	33.10 0.03 -3.90	27.12 0.03 -6.57	35.66 0.04 -2.50	32.30 0.13 -2.55	31.38 0.26 -4.91	66.32 0.50 0.00	90.36 0.73 0.00	98.04 0.72 0.00	69.17 0.65 0.00	75.40 0.93 0.00	44.03 0.49 0.00	40.43 0.46 0.00	41.05 0.50 0.00	42.53 0.53 0.00	43.23 0.52 0.00	42.37 0.43 0.00	42.77 0.42 0.00	35.83 0.43 -1.64	39.12 0.47 -1.51	33.57 0.46 -2.35	21.04 0.25 -2.55	36.24 0.30 -0.03	27.35 0.22 -0.84
PROJECT___ORANGE 2 24166	16.98 0.01 -12.54	33.10 0.03 -3.90	27.12 0.03 -6.57	35.66 0.04 -2.50	32.30 0.13 -2.55	31.38 0.26 -4.91	66.32 0.50 0.00	90.36 0.73 0.00	98.04 0.72 0.00	69.17 0.65 0.00	75.40 0.93 0.00	44.03 0.49 0.00	40.43 0.46 0.00	41.05 0.50 0.00	42.53 0.53 0.00	43.23 0.52 0.00	42.37 0.43 0.00	42.77 0.42 0.00	35.83 0.43 -1.64	39.12 0.47 -1.51	33.57 0.46 -2.35	21.04 0.25 -2.55	36.24 0.30 -0.03	27.35 0.22 -0.84
PYRITES___HYD 24023	4.34 -0.08 0.00	28.68 -0.50 0.00	20.22 -0.30 0.00	32.63 -0.49 0.00	29.04 -0.56 0.02	22.65 -1.09 2.48	63.82 -1.25 0.75	87.15 -2.47 0.00	94.17 -3.15 0.00	65.63 -2.66 0.23	71.38 -3.09 0.00	41.69 -1.84 0.00	38.22 -1.74 0.00	38.73 -1.83 0.00	40.09 -1.91 0.00	40.84 -1.87 0.00	40.30 -1.63 0.00	40.83 -1.52 0.00	32.34 -1.34 0.09	35.98 -0.96 0.19	29.79 -0.96 0.00	17.57 -0.66 0.00	34.18 -1.05 0.69	25.12 -0.87 0.30



RAMAPO____LBMP 323565	142.55 0.29 -137.83	71.37 1.74 -40.46	89.90 1.24 -68.13	61.07 1.96 -25.98	58.22 1.90 -26.70	111.62 2.07 -83.34	80.33 4.57 -9.93	95.41 5.78 0.00	104.11 6.79 0.00	76.78 5.23 -3.03	80.23 5.75 0.00	46.90 3.37 0.00	43.13 3.17 0.00	43.65 3.09 0.00	45.25 3.26 0.00	46.07 3.37 0.00	45.06 3.13 0.00	45.36 3.01 0.00	54.70 2.73 -18.20	58.30 2.98 -18.18	57.42 2.57 -24.09	46.03 1.62 -26.17	48.23 2.98 -9.33	41.03 2.24 -12.51
RANKINE____ 23646	30.44 0.05 -25.96	37.10 -0.15 -8.08	34.12 -0.01 -13.61	37.91 -0.40 -5.19	34.84 -0.10 -5.33	41.97 -0.05 -15.81	66.17 -1.38 -1.73	66.27 -1.32 22.03	77.41 -1.97 17.94	67.03 -0.69 0.79	67.04 0.01 7.44	33.96 -0.20 9.37	27.07 -0.37 12.52	27.92 -0.52 12.11	28.50 -0.46 13.04	32.99 -0.57 9.15	32.26 -0.72 8.95	32.51 -0.86 8.98	28.91 -0.25 4.62	31.44 -0.34 5.35	27.79 0.16 3.13	19.35 0.24 -0.87	30.01 -0.01 5.89	28.70 0.36 -2.05
RAVENSWOOD_GT2_1 24244	145.80 0.35 -141.02	72.61 2.13 -41.31	91.62 1.52 -69.57	62.11 2.46 -26.53	59.22 2.33 -27.26	113.85 2.39 -85.25	81.36 5.36 -10.18	96.52 6.90 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.17 0.00	43.88 3.91 0.00	44.40 3.84 0.00	46.01 4.02 0.00	46.85 4.14 0.00	45.81 3.88 0.00	46.13 3.78 0.00	55.64 3.28 -18.59	59.25 3.53 -18.58	58.37 3.01 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT2_2 24245	145.80 0.35 -141.02	72.61 2.13 -41.31	91.62 1.52 -69.57	62.11 2.46 -26.53	59.22 2.33 -27.26	113.85 2.39 -85.25	81.36 5.36 -10.18	96.52 6.90 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.17 0.00	43.88 3.91 0.00	44.40 3.84 0.00	46.01 4.02 0.00	46.85 4.14 0.00	45.81 3.88 0.00	46.13 3.78 0.00	55.64 3.28 -18.59	59.25 3.53 -18.58	58.37 3.01 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT2_3 24246	145.80 0.35 -141.02	72.61 2.13 -41.31	91.62 1.53 -69.57	62.11 2.46 -26.53	59.22 2.33 -27.26	113.86 2.40 -85.25	81.40 5.39 -10.18	96.58 6.95 0.00	105.68 8.36 0.00	78.16 6.53 -3.11	81.61 7.13 0.00	47.72 4.18 0.00	43.89 3.93 0.00	44.41 3.85 0.00	46.01 4.02 0.00	46.87 4.16 0.00	45.82 3.89 0.00	46.14 3.78 0.00	55.65 3.29 -18.59	59.26 3.55 -18.58	58.39 3.03 -24.60	46.87 1.91 -26.72	48.98 3.50 -9.57	41.70 2.62 -12.79
RAVENSWOOD_GT2_4 24247	145.80 0.35 -141.02	72.61 2.13 -41.31	91.62 1.53 -69.57	62.11 2.46 -26.53	59.22 2.33 -27.26	113.86 2.40 -85.25	81.40 5.39 -10.18	96.58 6.95 0.00	105.68 8.36 0.00	78.16 6.53 -3.11	81.61 7.13 0.00	47.72 4.18 0.00	43.89 3.93 0.00	44.41 3.85 0.00	46.01 4.02 0.00	46.87 4.16 0.00	45.82 3.89 0.00	46.14 3.78 0.00	55.65 3.29 -18.59	59.26 3.55 -18.58	58.39 3.03 -24.60	46.87 1.91 -26.72	48.98 3.50 -9.57	41.70 2.62 -12.79
RAVENSWOOD_GT3_1 24248	145.80 0.35 -141.02	72.60 2.12 -41.31	91.61 1.52 -69.57	62.10 2.45 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.35 5.34 -10.18	96.52 6.90 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.16 0.00	43.88 3.91 0.00	44.39 3.84 0.00	46.01 4.02 0.00	46.84 4.14 0.00	45.81 3.87 0.00	46.13 3.78 0.00	55.63 3.27 -18.59	59.25 3.53 -18.58	58.37 3.01 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT3_2 24249	145.80 0.35 -141.02	72.60 2.12 -41.31	91.61 1.52 -69.57	62.10 2.45 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.35 5.34 -10.18	96.52 6.90 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.16 0.00	43.88 3.91 0.00	44.39 3.84 0.00	46.01 4.02 0.00	46.84 4.14 0.00	45.81 3.87 0.00	46.13 3.78 0.00	55.63 3.27 -18.59	59.25 3.53 -18.58	58.37 3.01 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT3_3 24250	145.80 0.36 -141.02	72.66 2.17 -41.31	91.65 1.56 -69.57	62.15 2.51 -26.53	59.25 2.37 -27.26	113.90 2.44 -85.25	81.46 5.45 -10.18	96.67 7.04 0.00	105.84 8.52 0.00	78.27 6.65 -3.11	81.74 7.27 0.00	47.78 4.25 0.00	43.96 3.99 0.00	44.47 3.92 0.00	46.09 4.09 0.00	46.93 4.22 0.00	45.89 3.96 0.00	46.20 3.85 0.00	55.70 3.33 -18.59	59.32 3.61 -18.58	58.43 3.08 -24.60	46.89 1.93 -26.72	49.03 3.54 -9.57	41.73 2.65 -12.79
RAVENSWOOD_GT3_4 24251	145.80 0.36 -141.02	72.66 2.17 -41.31	91.65 1.56 -69.57	62.15 2.51 -26.53	59.25 2.37 -27.26	113.90 2.44 -85.25	81.46 5.45 -10.18	96.67 7.04 0.00	105.84 8.52 0.00	78.27 6.65 -3.11	81.74 7.27 0.00	47.78 4.25 0.00	43.96 3.99 0.00	44.47 3.92 0.00	46.09 4.09 0.00	46.93 4.22 0.00	45.89 3.96 0.00	46.20 3.85 0.00	55.70 3.33 -18.59	59.32 3.61 -18.58	58.43 3.08 -24.60	46.89 1.93 -26.72	49.03 3.54 -9.57	41.73 2.65 -12.79
RAVENSWOOD_GT_1 23729	145.83 0.38 -141.02	72.76 2.27 -41.31	91.71 1.61 -69.57	62.23 2.58 -26.53	59.34 2.45 -27.26	113.98 2.52 -85.25	81.57 5.56 -10.18	96.78 7.16 0.00	106.11 8.79 0.00	78.60 6.97 -3.11	84.27 7.61 -2.19	69.76 4.51 -21.72	69.26 4.23 -25.07	68.04 4.15 -23.33	68.34 4.33 -22.02	68.92 4.48 -21.74	68.35 4.20 -22.21	60.95 4.09 -14.50	55.92 3.50 -18.65	59.44 3.73 -18.58	58.56 3.20 -24.60	46.98 2.02 -26.72	49.19 3.70 -9.57	41.76 2.68 -12.79
RAVENSWOOD_GT_10 24258	145.80 0.35 -141.02	72.60 2.12 -41.31	91.62 1.52 -69.57	62.10 2.45 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.36 5.35 -10.18	96.52 6.90 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.17 0.00	43.88 3.91 0.00	44.40 3.84 0.00	46.01 4.02 0.00	46.85 4.14 0.00	45.81 3.88 0.00	46.13 3.78 0.00	55.64 3.28 -18.59	59.25 3.53 -18.58	58.37 3.01 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT_11 24259	145.80 0.35 -141.02	72.60 2.12 -41.31	91.62 1.52 -69.57	62.10 2.45 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.36 5.35 -10.18	96.52 6.90 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.17 0.00	43.88 3.91 0.00	44.40 3.84 0.00	46.01 4.02 0.00	46.85 4.14 0.00	45.81 3.88 0.00	46.13 3.78 0.00	55.64 3.28 -18.59	59.25 3.53 -18.58	58.37 3.01 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT_4 24252	145.79 0.35 -141.02	72.60 2.12 -41.31	91.61 1.52 -69.57	62.09 2.44 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.35 5.34 -10.18	96.50 6.87 0.00	105.63 8.31 0.00	78.11 6.48 -3.11	81.54 7.07 0.00	47.67 4.14 0.00	43.85 3.89 0.00	44.37 3.82 0.00	45.98 3.98 0.00	46.82 4.12 0.00	45.78 3.85 0.00	46.09 3.74 0.00	55.61 3.25 -18.59	59.23 3.52 -18.58	58.36 3.00 -24.60	46.85 1.89 -26.72	48.95 3.46 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT_5 24254	145.79 0.35 -141.02	72.60 2.12 -41.31	91.61 1.52 -69.57	62.09 2.44 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.35 5.34 -10.18	96.50 6.87 0.00	105.63 8.31 0.00	78.11 6.48 -3.11	81.54 7.07 0.00	47.67 4.14 0.00	43.85 3.89 0.00	44.37 3.82 0.00	45.98 3.98 0.00	46.82 4.12 0.00	45.78 3.85 0.00	46.09 3.74 0.00	55.61 3.25 -18.59	59.23 3.52 -18.58	58.36 3.00 -24.60	46.85 1.89 -26.72	48.95 3.46 -9.57	41.69 2.61 -12.79

RAVENSWOOD_GT_6 24253	145.79 0.35 -141.02	72.60 2.12 -41.31	91.61 1.52 -69.57	62.09 2.44 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.35 5.34 -10.18	96.50 6.87 0.00	105.63 8.31 0.00	78.11 6.48 -3.11	81.54 7.07 0.00	47.67 4.14 0.00	43.85 3.89 0.00	44.37 3.82 0.00	45.98 3.98 0.00	46.82 4.12 0.00	45.78 3.85 0.00	46.09 3.74 0.00	55.61 3.25 -18.59	59.23 3.52 -18.58	58.36 3.00 -24.60	46.85 1.89 -26.72	48.95 3.46 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT_7 24255	145.79 0.35 -141.02	72.60 2.12 -41.31	91.61 1.52 -69.57	62.09 2.44 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.35 5.34 -10.18	96.50 6.87 0.00	105.63 8.31 0.00	78.11 6.48 -3.11	81.54 7.07 0.00	47.67 4.14 0.00	43.85 3.89 0.00	44.37 3.82 0.00	45.98 3.98 0.00	46.82 4.12 0.00	45.78 3.85 0.00	46.09 3.74 0.00	55.61 3.25 -18.59	59.23 3.52 -18.58	58.36 3.00 -24.60	46.85 1.89 -26.72	48.95 3.46 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	145.80 0.35 -141.02	72.60 2.12 -41.31	91.62 1.52 -69.57	62.10 2.45 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.36 5.35 -10.18	96.52 6.90 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.17 0.00	43.88 3.91 0.00	44.40 3.84 0.00	46.01 4.02 0.00	46.85 4.14 0.00	45.81 3.88 0.00	46.13 3.78 0.00	55.64 3.28 -18.59	59.25 3.53 -18.58	58.37 3.01 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.69 2.61 -12.79
RAVENSWOOD_GT_9 24257	145.80 0.35 -141.02	72.60 2.12 -41.31	91.62 1.52 -69.57	62.10 2.45 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.36 5.35 -10.18	96.52 6.90 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.17 0.00	43.88 3.91 0.00	44.40 3.84 0.00	46.01 4.02 0.00	46.85 4.14 0.00	45.81 3.88 0.00	46.13 3.78 0.00	55.64 3.28 -18.59	59.25 3.53 -18.58	58.37 3.01 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.69 2.61 -12.79
RAVENSWOOD___1 23533	145.82 0.37 -141.02	72.69 2.21 -41.31	91.67 1.57 -69.57	62.17 2.52 -26.53	59.28 2.39 -27.26	113.93 2.47 -85.25	81.47 5.46 -10.18	96.65 7.02 0.00	105.87 8.55 0.00	78.39 6.76 -3.11	84.04 7.38 -2.19	69.62 4.36 -21.72	69.12 4.09 -25.07	67.91 4.02 -23.33	68.21 4.20 -22.02	68.79 4.34 -21.74	68.21 4.06 -22.21	60.81 3.95 -14.50	55.83 3.40 -18.65	59.35 3.64 -18.58	58.48 3.12 -24.60	46.93 1.97 -26.72	49.10 3.61 -9.57	41.73 2.65 -12.79
RAVENSWOOD___2 23534	145.82 0.37 -141.02	72.65 2.16 -41.31	91.63 1.54 -69.57	62.12 2.47 -26.53	59.23 2.35 -27.26	113.88 2.42 -85.25	81.37 5.36 -10.18	96.51 6.88 0.00	105.69 8.37 0.00	78.30 6.67 -3.11	83.91 7.25 -2.19	69.57 4.31 -21.72	69.07 4.04 -25.07	67.85 3.96 -23.33	68.15 4.14 -22.02	68.74 4.29 -21.74	68.14 3.99 -22.21	60.68 3.83 -14.50	55.77 3.35 -18.65	59.23 3.52 -18.58	58.38 3.02 -24.60	46.91 1.95 -26.72	49.05 3.56 -9.57	41.68 2.60 -12.79
RAVENSWOOD___3 23535	145.80 0.35 -141.02	72.60 2.12 -41.31	91.62 1.52 -69.57	62.10 2.45 -26.53	59.21 2.33 -27.26	113.85 2.39 -85.25	81.37 5.36 -10.18	96.54 6.92 0.00	105.65 8.33 0.00	78.14 6.51 -3.11	81.60 7.12 0.00	47.70 4.16 0.00	43.88 3.91 0.00	44.39 3.84 0.00	46.01 4.01 0.00	46.84 4.14 0.00	45.81 3.87 0.00	46.12 3.77 0.00	55.63 3.27 -18.59	59.25 3.53 -18.58	58.38 3.02 -24.60	46.86 1.90 -26.72	48.98 3.49 -9.57	41.70 2.62 -12.79
RAVENSWOOD___4 23820	145.82 0.37 -141.02	72.69 2.21 -41.31	91.67 1.57 -69.57	62.17 2.52 -26.53	59.28 2.39 -27.26	113.93 2.47 -85.25	81.47 5.46 -10.18	96.65 7.02 0.00	105.87 8.55 0.00	78.39 6.76 -3.11	84.04 7.38 -2.19	69.62 4.36 -21.72	69.12 4.09 -25.07	67.91 4.02 -23.33	68.21 4.20 -22.02	68.79 4.34 -21.74	68.21 4.06 -22.21	60.81 3.95 -14.50	55.83 3.40 -18.65	59.35 3.64 -18.58	58.48 3.12 -24.60	46.93 1.97 -26.72	49.10 3.61 -9.57	41.73 2.65 -12.79
RCPL_TRUST___DRP 24196	145.79 0.36 -141.01	72.64 2.15 -41.31	91.63 1.54 -69.56	62.14 2.49 -26.53	59.24 2.36 -27.26	113.89 2.43 -85.24	81.48 5.47 -10.18	96.74 7.12 0.00	105.93 8.61 0.00	78.34 6.72 -3.11	81.82 7.34 0.00	47.83 4.30 0.00	44.00 4.03 0.00	44.51 3.95 0.00	46.13 4.14 0.00	46.97 4.26 0.00	45.93 4.00 0.00	46.24 3.89 0.00	55.72 3.36 -18.58	59.32 3.61 -18.58	58.44 3.09 -24.60	46.89 1.94 -26.72	49.05 3.56 -9.57	41.74 2.66 -12.79
RED___ROCHESTER 323720	22.19 0.07 -17.69	34.90 0.22 -5.51	30.01 0.22 -9.27	36.87 0.21 -3.54	33.62 0.38 -3.63	37.13 0.42 -10.49	67.61 0.69 -1.09	91.13 1.50 0.00	98.69 1.37 0.00	70.14 1.29 -0.33	76.28 1.81 0.00	44.50 0.97 0.00	40.78 0.82 0.00	41.40 0.84 0.00	42.87 0.88 0.00	43.51 0.80 0.00	42.61 0.68 0.00	42.98 0.63 0.00	36.92 0.72 -2.43	40.36 0.83 -2.40	34.91 0.87 -3.28	22.50 0.54 -3.73	37.64 0.69 -1.04	28.49 0.60 -1.60
RENSSELAER___COGEN 23796	182.24 0.28 -177.53	84.45 1.88 -53.40	111.78 1.33 -89.93	69.52 2.11 -34.29	67.11 1.91 -35.59	180.60 1.86 -152.53	95.74 3.86 -26.05	94.59 4.97 0.00	102.75 5.44 0.00	80.66 4.14 -8.00	77.98 3.51 0.00	45.88 2.35 0.00	42.10 2.14 0.00	42.67 2.12 0.00	44.09 2.10 0.00	45.03 2.32 0.00	44.42 2.49 0.00	44.86 2.51 0.00	61.57 2.17 -25.62	66.76 2.37 -27.25	64.50 1.94 -31.80	53.95 1.17 -34.54	62.29 2.27 -24.10	49.67 1.76 -21.62
REVERE_CPPR_DRP 24186	9.63 0.16 -5.05	31.74 1.01 -1.56	23.88 0.74 -2.62	35.29 1.17 -1.00	31.75 1.15 -0.98	25.28 1.26 2.19	68.00 3.44 1.27	94.34 4.72 0.00	102.15 4.83 0.00	71.37 3.23 0.38	77.98 3.50 0.00	45.54 2.01 0.00	41.68 1.72 0.00	42.21 1.66 0.00	43.78 1.79 0.00	44.55 1.84 0.00	43.81 1.88 0.00	44.25 1.89 0.00	35.85 1.59 -0.49	39.20 1.79 -0.28	33.22 1.52 -0.94	20.09 0.83 -1.03	36.16 1.38 1.14	27.05 0.92 0.16
RIVERBAY____ 323610	145.87 0.42 -141.02	73.06 2.57 -41.31	91.89 1.80 -69.57	62.51 2.86 -26.53	59.58 2.70 -27.26	114.22 2.76 -85.25	82.25 6.24 -10.18	97.61 7.98 0.00	106.98 9.66 0.00	79.14 7.51 -3.11	82.54 8.06 -0.01	48.23 4.69 -0.01	44.36 4.40 0.00	44.87 4.31 0.00	46.51 4.51 -0.01	47.36 4.65 0.00	46.31 4.38 0.01	46.63 4.28 0.00	56.01 3.65 -18.58	59.65 3.94 -18.58	58.73 3.37 -24.60	47.07 2.11 -26.72	49.36 3.88 -9.57	41.96 2.88 -12.79
ROARING___BROOK_WT_PWR 323790	-1.19 -0.09 5.54	27.14 -0.28 1.76	17.47 -0.10 2.96	31.84 -0.15 1.13	28.24 -0.13 1.26	10.86 -0.14 15.21	61.65 -0.21 3.96	89.38 -0.24 0.00	97.02 -0.29 0.00	67.07 -0.25 1.19	74.22 -0.26 0.00	43.36 -0.17 0.00	39.80 -0.16 0.00	40.37 -0.18 0.00	41.65 -0.34 0.00	42.25 -0.45 0.00	41.50 -0.43 0.00	41.78 -0.57 0.00	31.70 -0.85 1.23	34.22 -1.23 1.68	28.72 -0.99 1.05	16.54 -0.57 1.13	31.06 -1.23 3.62	23.48 -0.87 1.94
ROCHESTER_9_IC 23652	22.17 0.05 -17.69	34.76 0.08 -5.51	29.91 0.12 -9.27	36.71 0.05 -3.54	33.48 0.23 -3.63	36.98 0.28 -10.49	67.25 0.33 -1.09	90.60 0.98 0.00	98.13 0.81 0.00	69.73 0.89 -0.33	75.80 1.33 0.00	44.22 0.69 0.00	40.53 0.57 0.00	41.14 0.58 0.00	42.59 0.60 0.00	43.24 0.53 0.00	42.36 0.43 0.00	42.73 0.38 0.00	36.71 0.51 -2.43	40.13 0.60 -2.40	34.72 0.68 -3.28	22.40 0.43 -3.73	37.44 0.49 -1.03	28.36 0.47 -1.60

ROSETON___1 23587	145.85 0.30 -141.12	72.26 1.78 -41.31	91.38 1.28 -69.57	61.69 2.03 -26.53	58.82 1.94 -27.26	113.06 2.04 -84.80	80.43 4.56 -10.05	95.38 5.76 0.00	104.16 6.84 0.00	76.86 5.27 -3.07	80.11 5.64 0.00	46.80 3.26 0.00	43.01 3.05 0.00	43.52 2.96 0.00	45.06 3.06 0.00	45.89 3.18 0.00	44.93 3.00 0.00	45.27 2.92 0.00	54.93 2.59 -18.57	58.47 2.80 -18.54	57.76 2.40 -24.60	46.48 1.52 -26.73	48.14 2.78 -9.45	41.13 2.11 -12.74
ROSETON___2 23588	145.85 0.30 -141.12	72.26 1.78 -41.31	91.38 1.28 -69.57	61.69 2.03 -26.53	58.82 1.94 -27.26	113.06 2.04 -84.80	80.43 4.56 -10.05	95.38 5.76 0.00	104.16 6.84 0.00	76.86 5.27 -3.07	80.11 5.64 0.00	46.80 3.26 0.00	43.01 3.05 0.00	43.52 2.96 0.00	45.06 3.06 0.00	45.89 3.18 0.00	44.93 3.00 0.00	45.27 2.92 0.00	54.93 2.59 -18.57	58.47 2.80 -18.54	57.76 2.40 -24.60	46.48 1.52 -26.73	48.14 2.78 -9.45	41.13 2.11 -12.74
RUSSELL___1 23602	22.19 0.07 -17.69	34.90 0.22 -5.51	30.01 0.22 -9.27	36.87 0.21 -3.54	33.62 0.38 -3.63	37.13 0.42 -10.49	67.61 0.69 -1.09	91.13 1.50 0.00	98.69 1.37 0.00	70.14 1.29 -0.33	76.28 1.81 0.00	44.50 0.97 0.00	40.78 0.82 0.00	41.40 0.84 0.00	42.87 0.88 0.00	43.51 0.80 0.00	42.61 0.68 0.00	42.98 0.63 0.00	36.92 0.72 -2.43	40.36 0.83 -2.40	34.91 0.87 -3.28	22.50 0.54 -3.73	37.64 0.69 -1.04	28.49 0.60 -1.60
RUSSELL___2 23532	22.19 0.07 -17.69	34.90 0.22 -5.51	30.01 0.22 -9.27	36.87 0.21 -3.54	33.62 0.38 -3.63	37.13 0.42 -10.49	67.61 0.69 -1.09	91.13 1.50 0.00	98.69 1.37 0.00	70.14 1.29 -0.33	76.28 1.81 0.00	44.50 0.97 0.00	40.78 0.82 0.00	41.40 0.84 0.00	42.87 0.88 0.00	43.51 0.80 0.00	42.61 0.68 0.00	42.98 0.63 0.00	36.92 0.72 -2.43	40.36 0.83 -2.40	34.91 0.87 -3.28	22.50 0.54 -3.73	37.64 0.69 -1.04	28.49 0.60 -1.60
RUSSELL___3 23549	22.19 0.07 -17.69	34.90 0.22 -5.51	30.01 0.22 -9.27	36.87 0.21 -3.54	33.62 0.38 -3.63	37.13 0.42 -10.49	67.61 0.69 -1.09	91.13 1.50 0.00	98.69 1.37 0.00	70.14 1.29 -0.33	76.28 1.81 0.00	44.50 0.97 0.00	40.78 0.82 0.00	41.40 0.84 0.00	42.87 0.88 0.00	43.51 0.80 0.00	42.61 0.68 0.00	42.98 0.63 0.00	36.92 0.72 -2.43	40.36 0.83 -2.40	34.91 0.87 -3.28	22.50 0.54 -3.73	37.64 0.69 -1.04	28.49 0.60 -1.60
RUSSELL___4 23556	22.19 0.07 -17.69	34.90 0.22 -5.51	30.01 0.22 -9.27	36.87 0.21 -3.54	33.62 0.38 -3.63	37.13 0.42 -10.49	67.61 0.69 -1.09	91.13 1.50 0.00	98.69 1.37 0.00	70.14 1.29 -0.33	76.28 1.81 0.00	44.50 0.97 0.00	40.78 0.82 0.00	41.40 0.84 0.00	42.87 0.88 0.00	43.51 0.80 0.00	42.61 0.68 0.00	42.98 0.63 0.00	36.92 0.72 -2.43	40.36 0.83 -2.40	34.91 0.87 -3.28	22.50 0.54 -3.73	37.64 0.69 -1.04	28.49 0.60 -1.60
RUSSELL___STATION 23914	22.19 0.07 -17.69	34.90 0.22 -5.51	30.01 0.22 -9.27	36.87 0.21 -3.54	33.62 0.38 -3.63	37.13 0.42 -10.49	67.61 0.69 -1.09	91.13 1.50 0.00	98.69 1.37 0.00	70.14 1.29 -0.33	76.28 1.81 0.00	44.50 0.97 0.00	40.78 0.82 0.00	41.40 0.84 0.00	42.87 0.88 0.00	43.51 0.80 0.00	42.61 0.68 0.00	42.98 0.63 0.00	36.92 0.72 -2.43	40.36 0.83 -2.40	34.91 0.87 -3.28	22.50 0.54 -3.73	37.64 0.69 -1.04	28.49 0.60 -1.60
S SALMON___HYD 24043	14.63 -0.04 -10.24	32.09 -0.27 -3.18	25.73 -0.16 -5.36	34.90 -0.26 -2.04	31.56 -0.14 -2.08	30.59 0.31 -4.06	67.13 1.31 0.00	91.49 1.86 0.00	98.86 1.54 0.00	69.52 1.00 0.00	75.53 1.06 0.00	44.11 0.57 0.00	40.45 0.49 0.00	40.96 0.41 0.00	42.33 0.33 0.00	43.12 0.41 0.00	42.39 0.46 0.00	42.64 0.28 0.00	35.38 0.22 -1.39	38.67 0.25 -1.28	33.02 0.27 -2.00	20.53 0.12 -2.17	35.86 -0.08 -0.03	26.89 -0.11 -0.71
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.58 -0.01 -25.16	36.39 -0.62 -7.83	33.39 -0.32 -13.19	37.26 -0.89 -5.03	34.24 -0.55 -5.16	40.99 -0.52 -15.30	65.01 -2.48 -1.67	65.63 -2.57 21.42	76.52 -3.35 17.44	66.02 -1.72 0.77	66.05 -1.19 7.24	33.53 -0.89 9.11	26.81 -0.97 12.18	27.70 -1.07 11.78	28.26 -1.05 12.69	32.61 -1.19 8.90	31.95 -1.28 8.70	32.26 -1.36 8.73	28.58 -0.69 4.51	31.12 -0.80 5.22	27.47 -0.22 3.06	19.15 0.08 -0.83	29.82 -0.35 5.75	28.39 0.11 -1.98
SELKIRK___I 23801	167.13 0.26 -162.44	79.47 1.76 -48.54	103.50 1.24 -81.74	66.26 1.97 -31.17	63.61 1.73 -32.26	155.55 1.66 -127.68	89.64 3.47 -20.34	94.03 4.41 0.00	101.99 4.67 0.00	78.33 3.57 -6.25	77.57 3.10 0.00	45.61 2.08 0.00	41.83 1.87 0.00	42.38 1.82 0.00	43.77 1.77 0.00	44.67 1.96 0.00	44.13 2.20 0.00	44.57 2.22 0.00	58.58 1.93 -22.88	63.18 2.11 -23.93	61.39 1.72 -28.91	50.66 1.03 -31.40	56.78 1.99 -18.87	46.14 1.51 -18.33
SELKIRK___II 23799	177.95 0.22 -173.29	82.76 1.45 -52.13	109.36 1.04 -87.79	68.24 1.64 -33.48	65.86 1.51 -34.73	175.34 1.50 -147.63	94.01 3.14 -25.05	93.52 3.89 0.00	101.69 4.38 0.00	79.55 3.34 -7.69	77.46 2.99 0.00	45.44 1.90 0.00	41.71 1.74 0.00	42.26 1.70 0.00	43.68 1.68 0.00	44.53 1.82 0.00	43.87 1.94 0.00	44.30 1.95 0.00	60.47 1.73 -24.97	65.51 1.87 -26.51	63.35 1.55 -31.05	52.91 0.95 -33.72	60.88 1.79 -23.18	48.63 1.39 -20.95
SENECA OSWGO___HYD 24041	16.18 -0.02 -11.77	32.67 -0.17 -3.66	26.59 -0.10 -6.17	35.31 -0.16 -2.35	31.96 -0.05 -2.39	31.44 0.53 -4.69	67.54 1.72 0.00	92.00 2.38 0.00	99.42 2.10 0.00	70.05 1.53 0.00	76.41 1.93 0.00	44.58 1.05 0.00	40.94 0.97 0.00	41.53 0.97 0.00	42.99 0.99 0.00	43.76 1.05 0.00	42.90 0.97 0.00	43.31 0.96 0.00	36.22 0.83 -1.61	39.55 0.93 -1.49	33.92 0.85 -2.32	21.21 0.45 -2.52	36.57 0.63 -0.03	27.57 0.46 -0.83
SENECA___ENERGY 23797	23.36 0.02 -18.91	35.08 0.02 -5.89	30.47 0.03 -9.91	36.85 -0.05 -3.78	33.65 0.16 -3.88	37.72 0.35 -11.15	67.40 0.43 -1.14	94.62 0.63 -4.36	101.35 0.48 -3.55	69.69 0.57 -0.60	77.02 1.07 -1.48	45.97 0.57 -1.86	42.83 0.39 -2.48	43.30 0.35 -2.40	45.06 0.49 -2.58	44.94 0.42 -1.81	44.03 0.34 -1.76	44.29 0.17 -1.77	38.33 0.37 -4.19	41.86 0.45 -4.28	36.26 0.44 -5.07	23.28 0.24 -4.81	38.71 0.26 -2.55	28.25 0.19 -1.78
SHOEMAKER___GT 23640	138.41 0.28 -133.70	70.22 1.69 -39.35	88.00 1.20 -66.28	60.30 1.91 -25.27	57.43 1.84 -25.97	109.05 1.96 -80.88	79.76 4.34 -9.60	95.13 5.51 0.00	103.74 6.42 0.00	76.32 4.87 -2.93	79.74 5.27 0.00	46.62 3.08 0.00	42.84 2.88 0.00	43.33 2.78 0.00	44.94 2.95 0.00	45.79 3.09 0.00	44.81 2.88 0.00	45.16 2.81 0.00	53.98 2.50 -17.71	57.56 2.74 -17.69	56.57 2.36 -23.45	45.19 1.48 -25.47	47.67 2.73 -9.03	40.50 2.06 -12.15
SHOREHAM_IC_1 23715	145.86 0.39 -141.03	72.89 2.40 -41.31	91.98 1.88 -69.58	62.73 3.08 -26.53	59.62 2.73 -27.27	114.08 2.61 -85.26	81.36 5.35 -10.19	96.65 7.03 0.00	105.58 8.26 0.00	78.14 6.32 -3.30	102.86 7.69 -20.69	64.25 4.59 -16.13	59.51 4.11 -15.43	52.18 4.00 -7.63	45.95 3.96 0.00	72.54 4.27 -25.56	45.72 3.79 0.00	45.88 3.52 0.00	55.47 3.10 -18.59	59.38 3.67 -18.58	59.91 3.13 -26.02	46.91 1.95 -26.73	68.85 4.02 -28.92	42.11 3.03 -12.79

SHOREHAM_IC_2 23716	145.86 0.39 -141.03	72.89 2.40 -41.31	91.98 1.88 -69.58	62.73 3.08 -26.53	59.62 2.73 -27.27	114.08 2.61 -85.26	81.36 5.35 -10.19	96.65 7.03 0.00	105.58 8.26 0.00	78.14 6.32 -3.30	102.86 7.69 -20.69	64.25 4.59 -16.13	59.51 4.11 -15.43	52.18 4.00 -7.63	45.95 3.96 0.00	72.54 4.27 -25.56	45.72 3.79 0.00	45.88 3.52 0.00	55.47 3.10 -18.59	59.38 3.67 -18.58	59.91 3.13 -26.02	46.91 1.95 -26.73	68.85 4.02 -28.92	42.11 3.03 -12.79
SISSONVILLE____ 23735	4.24 -0.19 0.00	28.01 -1.17 0.00	19.75 -0.77 0.00	31.88 -1.24 0.00	28.37 -1.23 0.02	22.07 -1.67 2.47	62.47 -2.61 0.75	86.08 -3.55 0.00	93.10 -4.21 0.00	64.88 -3.41 0.23	70.56 -3.91 0.00	41.21 -2.32 0.00	37.79 -2.17 0.00	38.29 -2.27 0.00	39.65 -2.35 0.00	40.38 -2.33 0.00	39.81 -2.12 0.00	40.32 -2.03 0.00	31.86 -1.81 0.09	35.02 -1.93 0.19	28.99 -1.77 0.00	17.11 -1.12 0.00	33.29 -1.93 0.69	24.49 -1.51 0.30
SITHE_IND_GS1 24169	14.01 -0.07 -9.65	31.68 -0.50 -3.00	25.25 -0.34 -5.06	34.52 -0.53 -1.93	31.19 -0.40 -1.96	29.68 -0.29 -3.76	64.91 -0.91 0.00	88.47 -1.15 0.00	95.99 -1.33 0.00	67.65 -0.87 0.00	73.68 -0.79 0.00	43.04 -0.50 0.00	39.51 -0.45 0.00	40.17 -0.39 0.00	41.60 -0.39 0.00	42.29 -0.42 0.00	41.50 -0.43 0.00	41.88 -0.48 0.00	34.71 -0.30 -1.25	37.94 -0.34 -1.15	32.30 -0.24 -1.78	20.02 -0.15 -1.94	35.52 -0.42 -0.02	26.63 -0.29 -0.63
SITHE_IND_GS2 24170	14.01 -0.07 -9.65	31.68 -0.50 -3.00	25.25 -0.34 -5.06	34.52 -0.53 -1.93	31.19 -0.40 -1.96	29.68 -0.29 -3.76	64.91 -0.91 0.00	88.47 -1.15 0.00	95.99 -1.33 0.00	67.65 -0.87 0.00	73.68 -0.79 0.00	43.04 -0.50 0.00	39.51 -0.45 0.00	40.17 -0.39 0.00	41.60 -0.39 0.00	42.29 -0.42 0.00	41.50 -0.43 0.00	41.88 -0.48 0.00	34.71 -0.30 -1.25	37.94 -0.34 -1.15	32.30 -0.24 -1.78	20.02 -0.15 -1.94	35.52 -0.42 -0.02	26.63 -0.29 -0.63
SITHE_IND_GS3 24171	14.01 -0.07 -9.65	31.68 -0.50 -3.00	25.25 -0.34 -5.06	34.52 -0.53 -1.93	31.19 -0.40 -1.96	29.68 -0.29 -3.76	64.91 -0.91 0.00	88.47 -1.15 0.00	95.99 -1.33 0.00	67.65 -0.87 0.00	73.68 -0.79 0.00	43.04 -0.50 0.00	39.51 -0.45 0.00	40.17 -0.39 0.00	41.60 -0.39 0.00	42.29 -0.42 0.00	41.50 -0.43 0.00	41.88 -0.48 0.00	34.71 -0.30 -1.25	37.94 -0.34 -1.15	32.30 -0.24 -1.78	20.02 -0.15 -1.94	35.52 -0.42 -0.02	26.63 -0.29 -0.63
SITHE_IND_GS4 24172	14.01 -0.07 -9.65	31.68 -0.50 -3.00	25.25 -0.34 -5.06	34.52 -0.53 -1.93	31.19 -0.40 -1.96	29.68 -0.29 -3.76	64.91 -0.91 0.00	88.47 -1.15 0.00	95.99 -1.33 0.00	67.65 -0.87 0.00	73.68 -0.79 0.00	43.04 -0.50 0.00	39.51 -0.45 0.00	40.17 -0.39 0.00	41.60 -0.39 0.00	42.29 -0.42 0.00	41.50 -0.43 0.00	41.88 -0.48 0.00	34.71 -0.30 -1.25	37.94 -0.34 -1.15	32.30 -0.24 -1.78	20.02 -0.15 -1.94	35.52 -0.42 -0.02	26.63 -0.29 -0.63
SITHE____BATAVIA 24024	26.30 0.08 -21.78	36.02 0.06 -6.78	32.12 0.17 -11.42	37.42 -0.06 -4.36	34.31 0.22 -4.47	39.58 0.24 -13.13	67.09 -0.15 -1.41	78.47 0.77 11.92	87.88 0.27 9.70	68.95 0.72 0.29	71.86 1.41 4.02	39.11 0.64 5.06	33.64 0.44 6.77	34.40 0.40 6.55	35.32 0.38 7.05	37.98 0.22 4.95	37.13 0.04 4.84	37.45 -0.04 4.86	32.69 0.36 1.44	35.74 0.47 1.86	31.23 0.74 0.27	21.00 0.67 -2.10	33.90 0.73 2.75	28.85 0.75 -1.81
SITHE____INDEPEND 23800	14.01 -0.07 -9.65	31.68 -0.50 -3.00	25.25 -0.34 -5.06	34.52 -0.53 -1.93	31.19 -0.40 -1.96	29.68 -0.29 -3.76	64.91 -0.91 0.00	88.47 -1.15 0.00	95.99 -1.33 0.00	67.65 -0.87 0.00	73.68 -0.79 0.00	43.04 -0.50 0.00	39.51 -0.45 0.00	40.17 -0.39 0.00	41.60 -0.39 0.00	42.29 -0.42 0.00	41.50 -0.43 0.00	41.88 -0.48 0.00	34.71 -0.30 -1.25	37.94 -0.34 -1.15	32.30 -0.24 -1.78	20.02 -0.15 -1.94	35.52 -0.42 -0.02	26.63 -0.29 -0.63
SITHE____MASSENA 23902	4.35 -0.08 0.00	28.74 -0.44 0.00	20.24 -0.28 0.00	32.68 -0.45 0.00	29.07 -0.52 0.02	22.70 -1.02 2.49	63.74 -1.33 0.76	87.96 -1.67 0.00	95.27 -2.04 0.00	66.54 -1.75 0.23	72.50 -1.97 0.00	42.38 -1.16 0.00	38.88 -1.08 0.00	39.44 -1.11 0.00	40.87 -1.12 0.00	41.62 -1.09 0.00	40.96 -0.97 0.00	41.46 -0.89 0.00	32.81 -0.87 0.09	35.96 -0.98 0.19	29.81 -0.94 0.00	17.64 -0.60 0.00	34.33 -0.89 0.69	25.31 -0.68 0.30
SITHE____OGDNSBRG 24021	4.40 -0.03 0.00	29.05 -0.12 0.00	20.47 -0.06 0.00	33.02 -0.10 0.00	29.39 -0.21 0.02	22.95 -0.78 2.49	64.69 -0.38 0.76	89.61 -0.02 0.00	96.82 -0.50 0.00	67.63 -0.65 0.23	73.68 -0.80 0.00	43.00 -0.53 0.00	39.45 -0.52 0.00	39.99 -0.56 0.00	41.48 -0.52 0.00	42.23 -0.47 0.00	41.62 -0.30 0.00	42.19 -0.16 0.00	33.40 -0.28 0.09	36.43 -0.51 0.19	30.18 -0.57 0.00	17.81 -0.42 0.00	34.67 -0.56 0.69	25.51 -0.48 0.30
SITHE____STERLING 23777	11.09 0.13 -6.54	32.01 0.81 -2.02	24.52 0.59 -3.40	35.36 0.94 -1.30	31.85 0.94 -1.30	26.51 1.05 0.75	67.58 2.77 1.00	93.42 3.80 0.00	101.18 3.87 0.00	70.82 2.60 0.30	77.35 2.88 0.00	45.17 1.64 0.00	41.39 1.43 0.00	41.95 1.39 0.00	43.48 1.48 0.00	44.24 1.53 0.00	43.43 1.50 0.00	43.86 1.51 0.00	35.77 1.29 -0.71	39.09 1.43 -0.52	33.21 1.23 -1.22	20.24 0.67 -1.33	36.13 1.12 0.90	27.09 0.76 -0.04
SOUTH CAIRO____GT 23612	156.10 0.42 -151.25	76.72 2.72 -44.82	97.95 1.94 -75.49	65.00 3.10 -28.79	62.15 2.83 -29.70	135.61 2.76 -106.63	87.56 6.38 -15.35	98.18 8.56 0.00	105.74 8.42 0.00	79.07 5.84 -4.71	80.65 6.17 0.00	47.32 3.79 0.00	43.43 3.47 0.00	43.99 3.44 0.00	45.35 3.36 0.00	46.28 3.57 0.00	45.70 3.77 0.00	46.33 3.98 0.00	57.88 3.41 -20.70	62.11 3.74 -21.24	60.54 3.09 -26.70	49.06 1.82 -28.99	53.66 3.45 -14.30	44.43 2.56 -15.58
SOUTH HAMPTN____IC 23720	145.93 0.47 -141.03	73.36 2.87 -41.31	92.29 2.19 -69.58	63.22 3.57 -26.53	60.07 3.19 -27.27	114.52 3.05 -85.26	82.52 6.51 -10.19	98.25 8.62 0.00	107.26 9.94 0.00	79.30 7.48 -3.30	104.05 8.89 -20.69	64.94 5.27 -16.13	60.14 4.74 -15.43	52.80 4.62 -7.63	46.65 4.65 0.00	73.21 4.94 -25.56	46.41 4.48 0.00	46.58 4.23 0.00	56.04 3.68 -18.59	60.03 4.31 -18.58	60.44 3.66 -26.02	47.20 2.24 -26.73	69.42 4.59 -28.92	42.51 3.43 -12.79
SOUTHOLD____IC 23719	146.01 0.55 -141.03	73.92 3.43 -41.31	92.68 2.58 -69.58	63.86 4.20 -26.53	60.66 3.77 -27.27	115.08 3.61 -85.26	83.95 7.94 -10.19	100.25 10.62 0.00	109.32 12.00 0.00	80.73 8.92 -3.30	105.53 10.36 -20.69	65.77 6.11 -16.13	60.84 5.44 -15.43	53.50 5.32 -7.63	47.40 5.40 0.00	73.96 5.70 -25.56	47.21 5.28 0.00	47.41 5.06 0.00	56.75 4.39 -18.59	60.84 5.13 -18.58	61.11 4.33 -26.02	47.57 2.61 -26.73	70.09 5.26 -28.92	42.97 3.89 -12.79
ST LAWRENCE____ 23600	4.32 -0.11 0.00	28.52 -0.65 0.00	20.09 -0.43 0.00	32.43 -0.70 0.00	28.86 -0.74 0.02	22.68 -1.03 2.50	63.16 -1.90 0.76	87.22 -2.40 0.00	94.52 -2.79 0.00	66.02 -2.27 0.23	71.94 -2.54 0.00	42.04 -1.49 0.00	38.60 -1.37 0.00	39.16 -1.40 0.00	40.59 -1.41 0.00	41.32 -1.39 0.00	40.63 -1.31 0.00	41.14 -1.22 0.00	32.55 -1.13 0.09	35.69 -1.26 0.19	29.58 -1.17 0.00	17.51 -0.72 0.00	34.10 -1.12 0.69	25.15 -0.84 0.30

STATION 5_MISC_HYD 23604	22.17 0.05 -17.69	34.76 0.08 -5.51	29.91 0.12 -9.27	36.71 0.05 -3.54	33.48 0.23 -3.63	36.98 0.28 -10.49	67.25 0.33 -1.09	90.60 0.98 0.00	98.13 0.81 0.00	69.73 0.89 -0.33	75.80 1.33 0.00	44.22 0.69 0.00	40.53 0.57 0.00	41.14 0.58 0.00	42.59 0.60 0.00	43.24 0.53 0.00	42.36 0.43 0.00	42.73 0.38 0.00	36.71 0.51 -2.43	40.13 0.60 -2.40	34.72 0.68 -3.28	22.40 0.43 -3.73	37.44 0.49 -1.03	28.36 0.47 -1.60
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.28 0.08 -17.77	35.04 0.33 -5.53	30.12 0.28 -9.32	37.04 0.36 -3.55	33.76 0.50 -3.64	37.32 0.60 -10.50	68.10 1.19 -1.08	91.60 1.98 0.00	99.25 1.94 0.00	70.50 1.66 -0.33	76.60 2.12 0.00	44.69 1.16 0.00	40.97 1.01 0.00	41.57 1.01 0.00	43.06 1.07 0.00	43.73 1.02 0.00	42.83 0.90 0.00	43.15 0.80 0.00	37.05 0.84 -2.43	40.50 0.96 -2.40	35.01 0.95 -3.30	22.51 0.54 -3.73	37.67 0.73 -1.03	28.48 0.58 -1.61
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.99 0.04 -17.52	34.69 0.06 -5.45	29.82 0.11 -9.18	36.66 0.04 -3.50	33.43 0.22 -3.59	36.88 0.29 -10.38	67.31 0.41 -1.08	90.80 1.17 0.00	98.33 1.01 0.00	69.89 1.05 -0.32	75.97 1.49 0.00	44.32 0.78 0.00	40.62 0.66 0.00	41.25 0.69 0.00	42.70 0.70 0.00	43.36 0.65 0.00	42.47 0.53 0.00	42.82 0.47 0.00	36.76 0.58 -2.40	40.16 0.66 -2.37	34.73 0.72 -3.25	22.36 0.43 -3.69	37.42 0.48 -1.02	28.32 0.45 -1.59
STEEL___WIND 323596	30.45 0.06 -25.96	37.13 -0.13 -8.08	34.14 0.00 -13.61	37.94 -0.37 -5.19	34.87 -0.08 -5.33	41.99 -0.03 -15.81	66.22 -1.34 -1.73	66.35 -1.24 22.03	77.49 -1.89 17.94	67.10 -0.63 0.79	67.08 0.05 7.44	34.00 -0.17 9.37	27.11 -0.33 12.52	27.95 -0.49 12.11	28.53 -0.43 13.04	33.02 -0.53 9.15	32.28 -0.71 8.95	32.55 -0.82 8.98	28.93 -0.22 4.62	31.47 -0.31 5.35	27.81 0.19 3.13	19.37 0.25 -0.87	30.02 0.01 5.89	28.72 0.38 -2.05
STEBEN_REC_LFGE 323667	36.51 0.21 -31.87	40.29 1.20 -9.92	38.12 0.89 -16.70	40.68 1.19 -6.37	37.47 1.31 -6.54	47.25 1.41 -19.62	70.64 2.63 -2.19	131.28 3.45 -38.20	131.50 2.75 -31.44	74.15 2.68 -2.95	91.00 3.47 -13.05	61.74 1.77 -16.43	63.44 1.54 -21.93	62.98 1.24 -21.19	66.10 1.28 -22.82	59.80 1.12 -15.97	58.16 0.78 -15.45	58.44 0.57 -15.52	53.20 0.86 -18.56	57.79 0.92 -19.73	51.48 1.11 -19.61	33.61 0.50 -14.88	51.56 0.61 -15.03	30.45 0.59 -3.57
STONY___BROOK 24151	145.89 0.43 -141.03	73.08 2.59 -41.31	92.04 1.94 -69.58	62.72 3.06 -26.53	59.64 2.75 -27.27	114.17 2.70 -85.26	81.67 5.66 -10.19	96.89 7.26 0.00	106.16 8.85 0.00	78.69 6.87 -3.30	103.26 8.10 -20.69	64.52 4.86 -16.13	59.84 4.44 -15.43	52.45 4.27 -7.63	46.27 4.28 0.00	72.86 4.59 -25.56	45.96 4.02 0.00	45.98 3.63 0.00	55.59 3.22 -18.59	59.48 3.76 -18.58	59.99 3.21 -26.02	46.93 1.96 -26.73	68.99 4.16 -28.92	42.25 3.17 -12.79
STURGEON_POOL_HYD 23609	146.51 0.38 -141.70	73.23 2.27 -41.78	92.52 1.63 -70.37	62.54 2.59 -26.83	59.74 2.50 -27.62	120.24 2.63 -91.40	83.93 6.23 -11.87	97.65 8.03 0.00	106.62 9.30 0.00	79.13 6.98 -3.63	82.11 7.64 0.00	47.78 4.24 0.00	43.95 3.98 0.00	44.36 3.81 0.00	46.02 4.03 0.00	46.86 4.15 0.00	45.81 3.88 0.00	46.24 3.89 0.00	56.19 3.42 -19.00	60.06 3.74 -19.19	58.86 3.21 -24.89	47.25 1.99 -27.03	50.61 3.58 -11.12	42.49 2.64 -13.56
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	140.04 0.28 -135.32	70.64 1.68 -39.79	88.73 1.20 -67.01	60.57 1.90 -25.55	57.71 1.84 -26.26	110.04 1.99 -81.84	79.99 4.44 -9.73	95.21 5.58 0.00	103.87 6.56 0.00	76.53 5.04 -2.97	79.98 5.50 0.00	46.74 3.21 0.00	42.97 3.01 0.00	43.48 2.93 0.00	45.07 3.08 0.00	45.90 3.19 0.00	44.90 2.97 0.00	45.23 2.87 0.00	54.28 2.59 -17.91	57.86 2.83 -17.89	56.93 2.45 -23.72	45.54 1.54 -25.76	47.88 2.81 -9.16	40.70 2.11 -12.30
SYNERGY___BIOGAS 323694	26.30 0.08 -21.78	36.02 0.06 -6.78	32.12 0.17 -11.42	37.42 -0.06 -4.36	34.31 0.22 -4.47	39.58 0.24 -13.13	67.09 -0.15 -1.41	78.47 0.77 11.92	87.88 0.27 9.70	68.95 0.72 0.29	71.86 1.41 4.02	39.11 0.64 5.06	33.64 0.44 6.77	34.40 0.40 6.55	35.32 0.38 7.05	37.98 0.22 4.95	37.13 0.04 4.84	37.45 -0.04 4.86	32.69 0.36 1.44	35.74 0.47 1.86	31.23 0.74 0.27	21.00 0.67 -2.10	33.90 0.73 2.75	28.85 0.75 -1.81
SYRACUSE___ENERGY_ST1 323597	19.94 0.05 -15.46	34.27 0.29 -4.81	28.84 0.21 -8.10	36.53 0.32 -3.09	33.20 0.42 -3.16	35.60 0.60 -8.78	67.99 1.34 -0.83	91.53 1.91 0.00	99.21 1.90 0.00	70.21 1.44 -0.25	76.36 1.88 0.00	44.58 1.05 0.00	40.90 0.94 0.00	41.52 0.96 0.00	43.02 1.03 0.00	43.72 1.01 0.00	42.89 0.96 0.00	43.27 0.92 0.00	36.71 0.83 -2.11	40.13 0.93 -2.07	34.48 0.83 -2.90	21.85 0.46 -3.15	37.41 0.70 -0.79	28.15 0.50 -1.36
SYRACUSE___ENERGY_ST2 323598	19.94 0.05 -15.46	34.27 0.29 -4.81	28.84 0.21 -8.10	36.53 0.32 -3.09	33.20 0.42 -3.16	35.60 0.60 -8.78	67.99 1.34 -0.83	91.53 1.91 0.00	99.21 1.90 0.00	70.21 1.44 -0.25	76.36 1.88 0.00	44.58 1.05 0.00	40.90 0.94 0.00	41.52 0.96 0.00	43.02 1.03 0.00	43.72 1.01 0.00	42.89 0.96 0.00	43.27 0.92 0.00	36.71 0.83 -2.11	40.13 0.93 -2.07	34.48 0.83 -2.90	21.85 0.46 -3.15	37.41 0.70 -0.79	28.15 0.50 -1.36
SYRACUSE___POWER 24017	23.71 0.12 -19.17	35.88 0.74 -5.96	31.09 0.53 -10.05	37.79 0.83 -3.83	34.42 0.87 -3.93	38.27 1.03 -11.03	69.31 2.41 -1.08	93.08 3.46 0.00	100.81 3.49 0.00	71.44 2.60 -0.33	77.63 3.15 0.00	45.29 1.75 0.00	41.56 1.60 0.00	42.15 1.59 0.00	43.68 1.69 0.00	44.38 1.67 0.00	43.50 1.57 0.00	43.90 1.55 0.00	37.75 1.38 -2.59	41.20 1.52 -2.55	35.68 1.34 -3.58	22.87 0.74 -3.89	38.15 1.22 -1.02	28.87 0.88 -1.70
TRIGEN___CC 323695	145.87 0.40 -141.03	72.93 2.44 -41.31	91.89 1.79 -69.58	62.48 2.83 -26.53	59.52 2.63 -27.27	114.11 2.64 -85.26	81.68 5.67 -10.19	97.11 7.48 0.00	106.30 8.99 0.00	78.73 6.92 -3.30	103.19 8.02 -20.69	64.37 4.71 -16.13	59.79 4.40 -15.43	52.39 4.21 -7.63	46.32 4.33 0.00	72.89 4.62 -25.56	46.09 4.16 0.00	46.39 4.04 0.00	55.89 3.53 -18.59	59.69 3.98 -18.58	60.17 3.39 -26.02	47.03 2.07 -26.73	68.79 3.96 -28.92	42.06 2.98 -12.79
UNION___PROCESSING_DRP 323587	22.30 0.05 -17.82	34.77 0.05 -5.55	29.96 0.10 -9.34	36.70 0.02 -3.56	33.47 0.20 -3.65	37.03 0.25 -10.57	67.17 0.25 -1.10	90.49 0.87 0.00	97.98 0.66 0.00	69.63 0.78 -0.33	75.71 1.23 0.00	44.17 0.64 0.00	40.46 0.50 0.00	41.08 0.52 0.00	42.54 0.55 0.00	43.18 0.48 0.00	42.30 0.37 0.00	42.67 0.31 0.00	36.68 0.46 -2.45	40.10 0.55 -2.41	34.70 0.63 -3.31	22.41 0.41 -3.76	37.41 0.45 -1.04	28.35 0.44 -1.61
UPPER HUDSON___HYD 24058	198.28 0.31 -193.53	89.64 2.10 -58.37	120.30 1.48 -98.30	73.01 2.41 -37.49	70.85 2.27 -38.96	202.68 2.29 -174.17	101.67 5.10 -30.75	96.52 6.90 0.00	104.40 7.08 0.00	83.05 5.02 -9.51	80.12 5.65 0.00	47.35 3.82 0.00	43.42 3.46 0.00	44.40 3.85 0.00	45.86 3.86 0.00	46.51 3.80 0.00	46.09 4.16 0.00	46.68 4.33 0.00	65.86 3.79 -28.29	71.74 4.24 -30.36	68.88 3.36 -34.76	57.86 1.87 -37.76	68.01 3.69 -28.41	53.47 2.65 -24.53

UPPER RAQUET___HYD 24056	4.24 -0.19 0.00	28.01 -1.17 0.00	19.75 -0.77 0.00	31.88 -1.24 0.00	28.37 -1.23 0.02	22.07 -1.67 2.47	62.47 -2.61 0.75	86.08 -3.55 0.00	93.10 -4.21 0.00	64.88 -3.41 0.23	70.56 -3.91 0.00	41.21 -2.32 0.00	37.79 -2.17 0.00	38.29 -2.27 0.00	39.65 -2.35 0.00	40.38 -2.33 0.00	39.81 -2.12 0.00	40.32 -2.03 0.00	31.86 -1.81 0.09	35.02 -1.93 0.19	28.99 -1.77 0.00	17.11 -1.12 0.00	33.29 -1.93 0.69	24.49 -1.51 0.30
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	64.42 0.27 -59.72	49.48 1.74 -18.57	53.04 1.24 -31.28	47.00 1.95 -11.93	43.82 1.89 -12.32	73.61 1.89 -45.51	76.99 4.40 -6.77	95.10 5.47 0.00	103.56 6.25 0.00	75.25 4.71 -2.02	79.69 5.22 0.00	46.45 2.92 0.00	42.64 2.67 0.00	43.17 2.61 0.00	44.71 2.72 0.00	45.47 2.76 0.00	44.50 2.57 0.00	44.86 2.50 0.00	44.76 2.18 -8.81	48.59 2.39 -9.06	43.94 2.12 -11.06	31.46 1.29 -11.94	44.52 2.31 -6.29	34.63 1.73 -6.61
VISCHER___FERRY HYD 24020	190.77 0.30 -186.04	87.22 2.06 -55.99	116.27 1.45 -94.30	71.44 2.36 -35.96	69.10 2.14 -37.35	192.31 2.12 -163.98	98.79 4.42 -28.55	95.61 5.99 0.00	103.53 6.21 0.00	81.87 4.65 -8.71	78.24 3.76 0.00	46.20 2.67 0.00	42.33 2.37 0.00	42.99 2.44 0.00	44.43 2.43 0.00	45.39 2.68 0.00	44.88 2.95 0.00	45.33 2.98 0.00	63.36 2.57 -27.02	68.87 2.85 -28.89	66.38 2.28 -33.35	55.78 1.32 -36.22	64.94 2.64 -26.39	51.41 1.97 -23.15
V_CMM_10_SYNC_DSASP 323787	4.34 -0.09 0.00	28.65 -0.53 0.00	20.18 -0.34 0.00	32.56 -0.56 0.00	28.98 -0.61 0.02	22.79 -0.92 2.50	63.45 -1.62 0.76	87.58 -2.04 0.00	94.91 -2.40 0.00	66.30 -1.99 0.23	72.27 -2.20 0.00	42.22 -1.31 0.00	38.76 -1.20 0.00	39.33 -1.23 0.00	40.75 -1.24 0.00	41.49 -1.22 0.00	40.80 -1.13 0.00	41.32 -1.03 0.00	32.69 -0.99 0.09	35.84 -1.10 0.19	29.71 -1.04 0.00	17.59 -0.64 0.00	34.25 -0.97 0.69	25.26 -0.73 0.30
V_CMP_10_SYNC_DSASP 323788	4.51 0.08 0.00	29.88 0.70 0.00	21.10 0.57 0.00	34.12 1.00 0.00	30.55 0.96 0.02	24.24 0.53 2.50	66.65 1.59 0.76	92.04 2.42 0.00	100.23 2.91 0.00	70.00 1.71 0.23	76.06 1.59 0.00	44.59 1.06 0.00	40.78 0.82 0.00	41.26 0.70 0.00	42.86 0.87 0.00	43.73 1.02 0.00	43.05 1.12 0.00	43.72 1.37 0.00	34.66 0.99 0.09	37.61 0.66 0.19	30.91 0.16 0.00	18.01 -0.22 0.00	35.87 0.64 0.69	26.52 0.53 0.30
V_F_30_NSYNC___DSASP 323816	197.32 0.37 -192.53	89.68 2.46 -58.05	120.02 1.74 -97.76	73.21 2.81 -37.28	70.95 2.58 -38.74	201.60 2.55 -172.84	101.97 5.69 -30.46	97.34 7.72 0.00	105.46 8.14 0.00	83.95 5.91 -9.52	80.21 5.74 0.00	47.31 3.77 0.00	43.37 3.41 0.00	44.14 3.59 0.00	45.57 3.58 0.00	46.24 3.53 0.00	45.79 3.86 0.00	46.33 3.98 0.00	65.32 3.42 -28.12	71.11 3.82 -30.16	68.38 3.06 -34.57	57.53 1.74 -37.55	67.48 3.42 -28.15	53.12 2.48 -24.35
V_F_30_SYNC_DSASP 323786	183.66 0.31 -178.92	85.06 2.07 -53.82	112.63 1.46 -90.65	70.00 2.31 -34.57	67.60 2.11 -35.88	182.57 2.05 -154.30	96.65 4.39 -26.43	95.34 5.71 0.00	103.57 6.26 0.00	81.34 4.72 -8.11	78.64 4.17 0.00	46.29 2.76 0.00	42.46 2.49 0.00	43.02 2.46 0.00	44.43 2.43 0.00	45.37 2.66 0.00	44.78 2.85 0.00	45.22 2.87 0.00	62.09 2.47 -25.85	67.35 2.70 -27.51	65.02 2.20 -32.06	54.38 1.32 -34.82	62.91 2.54 -24.45	50.09 1.94 -21.86
V_XM_10_SYNC_DSASP 323789	4.51 0.08 0.00	29.88 0.70 0.00	21.10 0.57 0.00	34.12 1.00 0.00	30.55 0.96 0.02	24.24 0.53 2.50	66.65 1.59 0.76	92.04 2.42 0.00	100.23 2.91 0.00	70.00 1.71 0.23	76.06 1.59 0.00	44.59 1.06 0.00	40.78 0.82 0.00	41.26 0.70 0.00	42.86 0.87 0.00	43.73 1.02 0.00	43.05 1.12 0.00	43.72 1.37 0.00	34.66 0.99 0.09	37.61 0.66 0.19	30.91 0.16 0.00	18.01 -0.22 0.00	35.87 0.64 0.69	26.52 0.53 0.30
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	142.77 0.32 -138.02	71.59 1.90 -40.51	90.10 1.35 -68.22	61.29 2.15 -26.02	58.42 2.07 -26.74	111.90 2.23 -83.46	80.76 4.99 -9.94	95.99 6.36 0.00	104.78 7.46 0.00	77.28 5.72 -3.04	80.75 6.28 0.00	47.21 3.68 0.00	43.41 3.45 0.00	43.93 3.37 0.00	45.55 3.55 0.00	46.37 3.66 0.00	45.35 3.42 0.00	45.65 3.30 0.00	54.97 2.96 -18.23	58.58 3.23 -18.22	57.68 2.78 -24.14	46.20 1.75 -26.22	48.47 3.20 -9.35	41.21 2.39 -12.53
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	145.79 0.36 -141.01	72.64 2.15 -41.31	91.63 1.54 -69.56	62.14 2.49 -26.53	59.25 2.37 -27.26	113.89 2.43 -85.24	81.49 5.48 -10.18	96.74 7.12 0.00	105.93 8.61 0.00	78.34 6.72 -3.11	81.82 7.34 0.00	47.83 4.30 0.00	44.00 4.03 0.00	44.51 3.95 0.00	46.13 4.14 0.00	46.97 4.26 0.00	45.93 4.00 0.00	46.24 3.89 0.00	55.72 3.36 -18.58	59.33 3.62 -18.58	58.44 3.09 -24.60	46.89 1.94 -26.72	49.05 3.57 -9.57	41.74 2.66 -12.79
WADING RIVER_IC_1 23522	145.86 0.39 -141.03	72.88 2.40 -41.31	91.98 1.87 -69.58	62.73 3.08 -26.53	59.61 2.72 -27.27	114.06 2.59 -85.26	81.31 5.30 -10.19	96.57 6.95 0.00	105.52 8.20 0.00	78.12 6.30 -3.30	102.86 7.70 -20.69	64.25 4.59 -16.13	59.52 4.12 -15.43	52.18 3.99 -7.63	45.97 3.98 0.00	72.56 4.29 -25.56	45.74 3.81 0.00	45.84 3.49 0.00	55.42 3.06 -18.59	59.34 3.62 -18.58	59.87 3.09 -26.02	46.88 1.92 -26.73	68.84 4.02 -28.92	42.10 3.02 -12.79
WADING RIVER_IC_2 23547	145.86 0.39 -141.03	72.88 2.40 -41.31	91.98 1.87 -69.58	62.73 3.08 -26.53	59.61 2.72 -27.27	114.06 2.59 -85.26	81.31 5.30 -10.19	96.57 6.95 0.00	105.52 8.20 0.00	78.12 6.30 -3.30	102.86 7.70 -20.69	64.25 4.59 -16.13	59.52 4.12 -15.43	52.18 3.99 -7.63	45.97 3.98 0.00	72.56 4.29 -25.56	45.74 3.81 0.00	45.84 3.49 0.00	55.42 3.06 -18.59	59.34 3.62 -18.58	59.87 3.09 -26.02	46.88 1.92 -26.73	68.84 4.02 -28.92	42.10 3.02 -12.79
WADING RIVER_IC_3 23601	145.86 0.39 -141.03	72.88 2.40 -41.31	91.98 1.87 -69.58	62.73 3.08 -26.53	59.61 2.72 -27.27	114.06 2.59 -85.26	81.31 5.30 -10.19	96.57 6.95 0.00	105.52 8.20 0.00	78.12 6.30 -3.30	102.86 7.70 -20.69	64.25 4.59 -16.13	59.52 4.12 -15.43	52.18 3.99 -7.63	45.97 3.98 0.00	72.56 4.29 -25.56	45.74 3.81 0.00	45.84 3.49 0.00	55.42 3.06 -18.59	59.34 3.62 -18.58	59.87 3.09 -26.02	46.88 1.92 -26.73	68.84 4.02 -28.92	42.10 3.02 -12.79
WALDEN___HYDRO 24148	143.75 0.35 -138.97	72.10 2.08 -40.84	90.79 1.48 -68.79	61.68 2.33 -26.23	58.83 2.24 -26.97	114.22 2.34 -85.67	81.83 5.51 -10.49	96.69 7.07 0.00	105.42 8.11 0.00	77.76 6.04 -3.20	81.01 6.54 0.00	47.26 3.72 0.00	43.48 3.51 0.00	43.88 3.33 0.00	45.57 3.58 0.00	46.43 3.73 0.00	45.48 3.54 0.00	45.86 3.51 0.00	55.32 3.11 -18.43	59.03 3.42 -18.48	58.01 2.93 -24.33	46.48 1.82 -26.42	49.08 3.32 -9.85	41.57 2.47 -12.81
WARRENSBURG___ 23737	198.28 0.31 -193.53	89.64 2.10 -58.37	120.30 1.48 -98.30	73.01 2.41 -37.49	70.85 2.27 -38.96	202.68 2.29 -174.17	101.67 5.10 -30.75	96.52 6.90 0.00	104.40 7.08 0.00	83.05 5.02 -9.51	80.12 5.65 0.00	47.35 3.82 0.00	43.42 3.46 0.00	44.40 3.85 0.00	45.86 3.86 0.00	46.51 3.80 0.00	46.09 4.16 0.00	46.68 4.33 0.00	65.86 3.79 -28.29	71.74 4.24 -30.36	68.88 3.36 -34.76	57.86 1.87 -37.76	68.01 3.69 -28.41	53.47 2.65 -24.53

WATERSIDE___6 8 9 23538	145.82 0.37 -141.02	72.69 2.21 -41.31	91.67 1.57 -69.57	62.17 2.52 -26.53	59.28 2.39 -27.26	113.93 2.47 -85.25	81.47 5.46 -10.18	96.65 7.02 0.00	105.87 8.55 0.00	78.39 6.76 -3.11	84.04 7.38 -2.19	69.62 4.36 -21.72	69.12 4.09 -25.07	67.91 4.02 -23.33	68.21 4.20 -22.02	68.79 4.34 -21.74	68.21 4.06 -22.21	60.81 3.95 -14.50	55.83 3.40 -18.65	59.35 3.64 -18.58	58.48 3.12 -24.60	46.93 1.97 -26.72	49.10 3.61 -9.57	41.73 2.65 -12.79
WDELAWARE___HYD 323627	136.94 0.38 -132.13	70.58 2.33 -39.07	87.99 1.66 -65.81	60.84 2.63 -25.09	57.94 2.51 -25.80	111.54 2.64 -82.69	82.33 6.25 -10.26	97.69 8.06 0.00	106.44 9.12 0.00	78.42 6.77 -3.13	81.86 7.38 0.00	47.63 4.09 0.00	43.77 3.80 0.00	44.06 3.51 0.00	45.76 3.76 0.00	46.33 3.62 0.00	45.25 3.32 0.00	45.72 3.37 0.00	54.44 3.01 -17.66	58.19 3.32 -17.73	56.91 2.88 -23.27	45.29 1.78 -25.28	48.74 3.20 -9.62	40.99 2.35 -12.34
WEST BABYLON___IC 23714	145.93 0.46 -141.03	73.28 2.80 -41.31	92.17 2.07 -69.58	62.90 3.25 -26.53	59.84 2.96 -27.27	114.39 2.93 -85.26	82.31 6.31 -10.19	97.94 8.31 0.00	107.27 9.95 0.00	79.35 7.53 -3.30	103.94 8.77 -20.69	64.86 5.19 -16.13	60.18 4.79 -15.43	52.79 4.61 -7.63	46.69 4.70 0.00	73.37 5.10 -25.56	46.39 4.46 0.00	46.68 4.33 0.00	56.16 3.79 -18.59	60.10 4.38 -18.58	60.50 3.72 -26.02	47.20 2.25 -26.73	69.31 4.48 -28.92	42.50 3.42 -12.79
WEST CANADA___HYD 24049	4.45 0.02 0.00	29.29 0.12 0.00	20.60 0.08 0.00	33.25 0.14 0.00	29.70 0.15 0.07	17.27 0.19 9.14	63.44 0.40 2.78	90.16 0.54 0.00	97.90 0.59 0.00	68.12 0.44 0.84	74.92 0.45 0.00	43.80 0.26 0.00	40.20 0.24 0.00	40.79 0.23 0.00	42.21 0.21 0.00	42.88 0.17 0.00	42.14 0.21 0.00	42.53 0.17 0.00	33.57 0.15 0.35	36.56 0.13 0.70	30.89 0.13 0.00	18.31 0.08 0.00	33.47 0.09 2.53	25.27 0.08 1.10
WESTERN_NY_WIND 24143	26.67 0.08 -22.16	36.08 0.01 -6.90	32.28 0.14 -11.62	37.43 -0.12 -4.43	34.33 0.16 -4.54	39.75 0.17 -13.37	66.95 -0.31 -1.44	77.22 0.55 12.96	86.78 0.01 10.54	68.73 0.55 0.34	71.33 1.23 4.38	38.56 0.53 5.51	32.96 0.36 7.36	33.73 0.30 7.12	34.60 0.27 7.67	37.44 0.11 5.38	36.60 -0.07 5.26	36.93 -0.14 5.29	32.28 0.28 1.77	35.29 0.38 2.22	30.86 0.67 0.57	20.83 0.63 -1.96	33.51 0.67 3.08	28.83 0.71 -1.83
WESTOVER___LESR 323668	49.89 0.10 -45.36	43.96 0.66 -14.12	44.77 0.47 -23.78	42.87 0.68 -9.07	39.68 0.74 -9.32	55.77 0.95 -28.60	71.00 1.86 -3.32	93.18 3.55 0.00	100.83 3.51 0.00	72.36 2.91 -0.93	78.26 3.79 0.00	45.58 2.04 0.00	41.57 1.61 0.00	41.72 1.16 0.00	43.32 1.32 0.00	44.00 1.29 0.00	43.05 1.12 0.00	43.29 0.94 0.00	41.22 1.06 -6.39	44.58 1.09 -6.36	40.33 1.16 -8.41	27.88 0.66 -8.98	40.11 1.07 -3.12	31.44 0.85 -4.31
WETHRSFD_WT_PWR 323626	32.77 0.06 -28.28	37.99 0.01 -8.80	35.44 0.09 -14.83	38.59 -0.18 -5.65	35.48 0.06 -5.80	43.59 0.08 -17.30	66.69 -1.04 -1.91	23.39 -1.54 64.69	42.40 -2.15 52.77	64.53 -0.70 3.28	52.42 -0.15 21.90	15.65 -0.32 27.56	2.57 -0.57 36.82	4.15 -0.80 35.61	2.86 -0.80 38.34	14.94 -0.87 26.89	14.73 -0.96 26.23	14.91 -1.09 26.35	13.13 -0.48 20.17	14.25 -0.63 22.25	12.48 -0.21 18.07	8.63 -0.12 9.49	14.98 -0.66 20.27	27.65 -0.24 -1.60
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	142.87 0.30 -138.14	71.50 1.79 -40.54	90.07 1.27 -68.28	61.18 2.02 -26.04	58.33 1.96 -26.76	111.86 2.12 -83.52	80.48 4.70 -9.95	95.60 5.97 0.00	104.31 6.99 0.00	76.96 5.40 -3.04	80.43 5.96 0.00	47.00 3.47 0.00	43.23 3.27 0.00	43.74 3.19 0.00	45.34 3.35 0.00	46.18 3.47 0.00	45.17 3.24 0.00	45.47 3.12 0.00	54.83 2.82 -18.24	58.42 3.05 -18.23	57.55 2.64 -24.15	46.13 1.66 -26.23	48.33 3.06 -9.36	41.12 2.29 -12.54
YORK___WARBASSE 23770	145.81 0.36 -141.02	72.61 2.12 -41.31	91.61 1.51 -69.57	62.07 2.43 -26.53	59.19 2.31 -27.26	113.84 2.39 -85.25	81.20 5.20 -10.18	96.22 6.60 0.00	105.41 8.10 0.00	78.24 6.61 -3.11	83.83 7.17 -2.19	69.53 4.27 -21.72	69.04 4.01 -25.07	67.79 3.91 -23.33	68.11 4.10 -22.02	68.68 4.23 -21.74	68.11 3.96 -22.21	60.72 3.86 -14.50	55.72 3.30 -18.65	59.27 3.56 -18.58	58.43 3.07 -24.60	46.89 1.93 -26.72	49.04 3.56 -9.57	41.64 2.56 -12.79